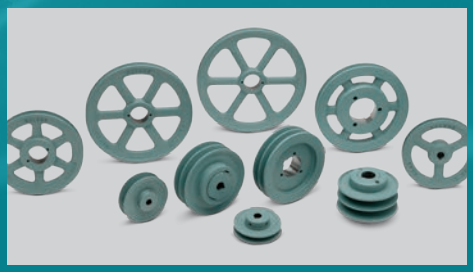
BALDOR · DODGE®



PT COMPONENTS
FOR LIMITED ACCESS CUSTOMERS

2017

MEMBER OF…

AMERICAN BEARING MANUFACTURERS ASSOCIATION

AMERICAN GEAR MANUFACTURERS ASSOCIATION

CONVEYOR EQUIPMENT MANUFACTURERS ASSOCIATION

MECHANICAL POWER TRANSMISSION ASSOCIATION

POWER TRANSMISSION DISTRIBUTORS ASSOCIATION

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

BEARING SPECIALIST ASSOCIATION

HYDRAULIC INSTITUTE

MHI - THE INDUSTRY THAT MAKES SUPPLY CHAINS WORK

NATIONAL SONE, SAND & GRAVEL ASSOCIATION

ELECTRICAL APPARATUS SERVICE ASSOCIATION, INC.

SOCIETY FOR MINING, METALLURGY & EXPLORATION INC.

SOCIETY OF WOMEN ENGINEERS

DODGE Products are Manufactured in ISO 9001 Certified Plants

Prices and data indicated in this document are for your convenience and were correct at time of printing with the exception of clerical and/or printing errors. Possession of this document by any person or company is not to be construed as an offer to sell to him or to anyone else the goods listed herein at the prices stated.

ALL DATA AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE and shall be subject to those prices in effect at time of shipments. All published and quoted prices are based upon the application of, and all sales are expressly subject to, the Company's Standard Terms and Conditions of Sales are available upon request. This document supersedes all previously published catalog/pricing documents.

WARNING

The information provided for Product Interchange in this catalog is for use only as a general reference by persons qualified to recognize unreasonable selection options. Products suggested as substitutes may have dimensional, rating, pricing and other differences from products to be replaced. This selection method must be used in conjunction with the applicable product catalog which contains important precautions and other pertinent information.

In illustrations throughout this catalog, safety guards have been removed for photographic purposes.

WARNING: Because of the possible danger to person(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed: Products must be used in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions in the instruction manuals must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. Proper guards and other suitable safety devices or procedures as may be described or as may be specified in safety codes should be provided, and are neither provided by Baldor Electric nor are the responsibility of Baldor Electric. This unit and its associated equipment must be installed, adjusted and maintained by qualified personnel who are familiar with the construction and operation of all equipment in the system and the potential hazards involved. When risk to persons or property may be involved, a holding device must be an integral part of the driven equipment beyond the speed reducer output shaft.

CONTENTS

BALDOR · DODGE®

Page #

BUSHINGS & HUBS

SHEAVES

NOTE: All dimensions are subject to change without prior notice.

CONTENTS

BALDOR · DODGE®

Page #

NOTE: All dimensions are subject to change without prior notice.

CONTENTS

BALDOR • DODGE®

Page #

SYNCHRONOUS DRIVES

COUPLINGS

TERMS & CONDITIONS please contact us at: sales@baldor.abb.com or contact your local Baldor District Office to receive a copy.

MEMBER OF:

Member of Hydraulic Institute

PTDA

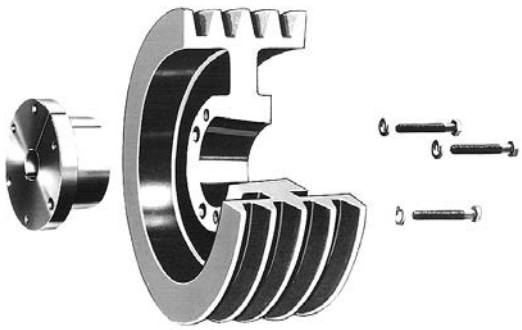
MPTA

NOTE: All dimensions are subject to change without prior notice.

FEATURES/BENEFITS

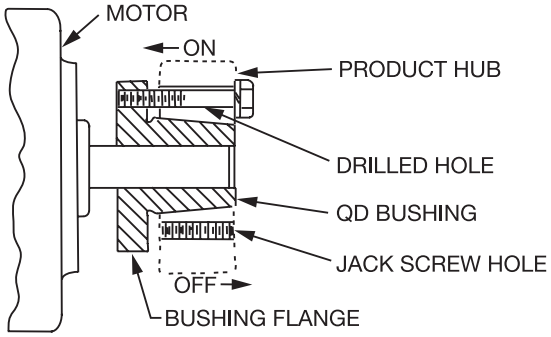
BALDOR · DODGE

QD Bushings

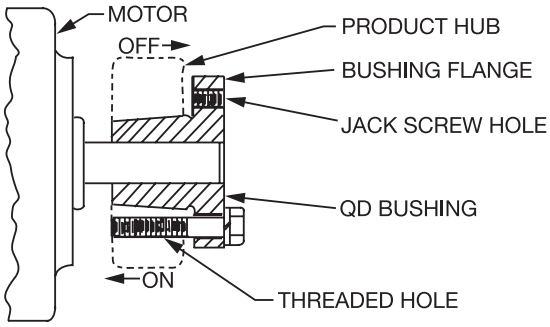


- Flanged design
- 4 degree taper
- Easy on/easy off
- Manufactured precisely to industry standards
- Conventional or reverse mounting, including sizes M through W - Dodge exclusive!
- QD is a registered trademark of Emerson Electric.

CONVENTIONAL



REVERSE



Conventional Mounting

Easy On

- Place bushing in product
- Align clearance holes in product with threaded holes in bushing
- Install screws and lockwashers through clearance holes, finger tight
- Slide assembly onto shaft, flange first
- Locate assembly on shaft for proper drive alignment
- Tighten cap screws alternately and evenly to specified torque

Easy Off

- Remove cap screws and install in product threaded holes
- Alternately and evenly tighten screws until bushing grip is released

Reverse Mounting

Easy On

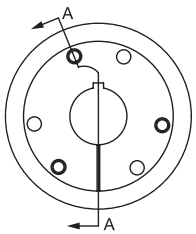
- Place bushing in product
- Align clearance holes in bushing with threaded holes in product
- Install screws and lockwashers through clearance holes, finger tight
- Slide assembly onto shaft, flange outward
- Locate assembly on shaft for proper drive alignment
- Tighten cap screws alternately and evenly to specified torque

Easy Off

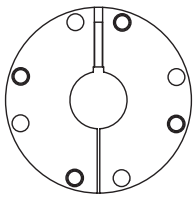
- Remove cap screws and reinstall in flange threaded holes
- Alternately and evenly tighten screws until bushing grip is released

IMPORTANT! Do not use lubricants or anti-seize compounds on tapered bore or bushing surfaces. Complete installation instructions are available at www.baldor.com.

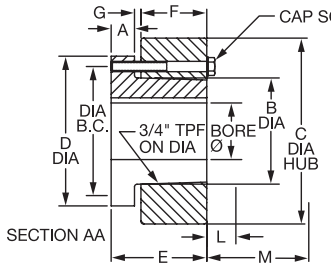
QD Bushings - Dimensions



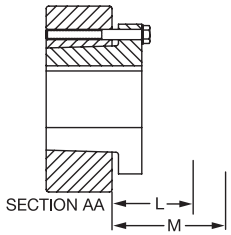
SIZE JA - J



SIZE M - W



CONVENTIONAL MOUNTING



REVERSE MOUNTING

QD BUSHING RATINGS AND DIMENSIONS

Bush. Symb.	Ratings (lb.-in.) Bush. Torque Cap.*	Bore Range				Dimensions							
		Min.	Max. Bore for:			A	B Dia.	C Hub Dia.		D Dia.	E	F	G
			Full kW	Shallow kW	No kW			CI 30 Iron	Steel				
JA	1000	1/2	1	1-3/16	1-1/4	0.31	1.38	3.93	2.25	2.00	1.00	0.56	0.12
SH	3500	1/2	1-3/8	1-5/8	1-11/16	0.38	1.88	4.75	3.00	2.63	1.25	0.81	0.12
SDS	5000	1/2	1-5/8	1-15/16	2	0.43	2.18	4.75	3.50	3.18	1.31	0.75	0.12
SD	5000	1/2	1-5/8	1-15/16	2	0.43	2.18	3.81	3.50	3.18	1.81	1.25	0.12
SK	7000	1/2	2-1/8	2-1/2	2-5/8	0.50	2.81	4.75	4.50	3.88	1.88	1.25	0.22
SF	11000	1/2	2-5/16	2-15/16	–	0.50	3.13	6.38	5.50	4.63	2.00	1.25	0.22
E	20000	7/8	2-7/8	3-1/2	–	0.75	3.83	7.50	6.50	6.00	2.63	1.63	0.25
F	30000	1	3-1/4	3-15/16	4	0.81	4.43	7.75	7.25	6.63	3.63	2.50	0.34
J	45000	1-1/2	3-3/4	4-1/2	–	1.00	5.14	9.00	8.00	7.25	4.50	3.18	0.38
M	85000	2	4-3/4	5-1/2	–	1.25	6.50	11.38	10.00	9.00	6.75	5.18	0.41
N	150000	2-7/16	5	6	–	1.50	7.00	12.00	–	10.00	8.12	6.25	0.56
P	250000	2-15/16	5-15/16	7	–	1.75	8.25	14.00	–	11.75	9.38	7.25	0.63
W	375000	4	7-1/2	8-1/2	–	2.00	10.42	17.00	–	15.00	11.38	9.00	0.50
S	625000	5-1/2	9	10	–	3.25	12.13	19.00	–	17.75	15.75	12.00	0.75

* Torque ratings apply when bushing installation screws are tightened to listed torque. Important: Do not over-torque screws. This can lead to hub damage

INSTALLATION INFORMATION

Bush. Sym.	Installation Screws				Required Wrench Clearance							
	B.C. Dia.	Qty.	Size	Screw Torque (lb. - in.)	Conventional Mounting				Reverse Mounting			
					L-Install		M-Remove		L-Install		M-Remove	
					#	@	#	@	#	@	#	@
JA	1.65	3	10 - 24 x 1	60	0.41	2.53	1.13	3.25	1.13	3.25	1.56	3.68
SH	2.25	3	1/4 - 20 x 1-3/8	108	0.54	2.61	1.51	3.58	1.51	3.58	2.08	4.13
SDS	2.69	3	1/4 - 20 x 1-3/8	108	0.59	2.66	1.56	3.63	1.56	3.63	2.13	4.18
SD	2.69	3	1/4 - 20 x 1-7/8	108	0.66	2.72	2.06	4.13	2.06	4.13	2.63	4.68
SK	3.31	3	5/16 - 18 x 2	180	0.72	2.66	2.19	4.19	2.25	4.25	2.32	4.94
SF	3.88	3	3/8 - 16 x 2	360	0.78	2.78	2.25	4.23	2.30	4.30	3.19	5.18
E	5.00	3	1/2 - 13 x 2-3/4	720	1.12	3.06	3.00	4.93	3.05	5.00	4.30	6.25
F	5.63	3	9/16 - 12 x 3-5/8	900	1.09	2.91	3.94	5.75	3.99	5.81	5.31	7.12
J	6.25	3	5/8 - 11 x 4-1/2	1620	1.28	3.09	4.81	6.62	3.80	5.62	5.37	7.18
M	7.88	4	3/4 - 10 x 6-3/4	2700	2.16	4.03	7.69	9.56	–	–	–	–
N	8.50	4	7/8 - 9 x 8	3600	2.28	–	9.25	–	–	–	–	–
P	10.00	4	1 - 8 x 9-1/2	5400	3.13	–	10.88	–	–	–	–	–
W	12.75	4	1-1/8 - 7 x 11-1/2	7200	3.88	–	13.38	–	–	–	–	–
S	15.00	5	1-1/4 - 7 x 15	9000	3.75	–	16.50	–	–	–	–	–

Using open-end wrench
@ Using socket wrench

Note: Installation and maintenance instructions for Dodge products available at www.baldor.com

FEATURES/BENEFITS

BALDOR · DODGE®

QD Bushings - Stock Bore

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
JA	1/2	**120332**	JAX1/2kW	0.46	1/8 x 1/16	1/8 x 1/8
	9/16	**120333**	JAX9/16	0.46	–	–
	5/8	**120334**	JAX5/8	0.45	–	–
	11/16	**120335**	JAX11/16	0.43	–	–
	3/4	**120336**	JAX3/4	0.41	3/16 x 3/32	3/16 x 3/16
	13/16	**120337**	JAX13/16	0.40	–	–
	7/8	**120338**	JAX7/8	0.37	–	–
	15/16	**120339**	JAX15/16	0.35	1/4 x 1/8	1/4 x 1/4
	1	**120340**	JAX1	0.33	–	–
	1-1/16	**120341**	JAX1-1/16	0.34	–	–
	1-1/8	**120342**	JAX1-1/8	0.31	1/4 x 1/16	1/4 x 3/16*
	1-3/16	**120343**	JAX1-3/16	0.29	–	–
	1-1/4	**120344**	JAX1-1/4	0.25	1/4 x 1/32	1/4 x 5/32*
	19mm	**117049**	JAX19mm	0.42	6 x 2.8mm	6 x 6mm
	20mm	**120329**	JAX20mm	0.41	–	–
	22mm	**117043**	JAX22mm 6 X 2.8mm kW	0.40	–	–
SH	1/2	**120345**	SHX1/2kW	1.16	1/8 x 1/16	1/8 x 1/8
	9/16	**120346**	SHX9/16	1.14		
	5/8	**120347**	SHX5/8	1.14	–	–
	11/16	**120348**	SHX11/16	1.14	–	–
	3/4	**120349**	SHX3/4	1.10	3/16 x 3/32	3/16 x 3/16
	13/16	**120350**	SHX13/16	1.07	–	–
	7/8	**120351**	SHX7/8	1.04	–	–
	15/16	**120352**	SHX15/16	1.00	1/4 x 1/8	1/4 x 1/4
	1	**120353**	SHX1	0.98		
	1-1/16	**120354**	SHX1-1/16	0.94		
	1-1/8	**120355**	SHX1-1/8	0.91		
	1-3/16	**120356**	SHX1-3/16	0.88		
	1-1/4	**120357**	SHX1-1/4	0.84		
	1-5/16	**120358**	SHX1-5/16	0.82	5/16 x 5/32	5/16 x 5/16
	1-3/8	**120359**	SHX1-3/8	0.80		
	1-7/16	**120360**	SHX1-7/16	0.79	3/8 x 1/16	3/8 x 1/4*
	1-1/2	**120361**	SHX1-1/2	0.75		
	1-9/16	**120362**	SHX1-9/16	0.90		
	1-5/8	**120363**	SHX1-5/8	0.64		
	1-11/16	**120580**	SHX1-11/16	0.55	None	–
	24mm	**120088**	SHX24mm	1.00	8 X 3.3mm	8 X 7mm
	25mm	**120089**	SHX25mm	0.99		
	28mm	**120090**	SHX28mm	0.93		
	30mm	**120091**	SHX30mm	0.87		
	32mm	**120092**	SHX32mm	0.82	10 X 3.3mm	10 X 8mm
	35mm	**120093**	SHX35mm	0.74		

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
SDS	1/2	**120388**	SDSX1/2kW	1.65	1/8 x 1/16	1/8 x 1/8
	9/16	**120389**	SDSX9/16	1.65	–	–
	5/8	**120390**	SDSX5/8	1.61	–	–
	11/16	**120391**	SDSX11/16	1.60	–	–
	3/4	**120392**	SDSX3/4	1.58	3/16 x 3/32	3/16 x 3/16
	13/16	**120393**	SDSX13/16	1.54	–	–
	7/8	**120394**	SDSX7/8	1.54	–	–
	15/16	**120395**	SDSX15/16	1.50	–	–
	1	**120396**	SDSX1	1.46	–	–
	1-1/16	**120397**	SDSX1-1/16	1.43	1/4 x 1/8	1/4 x 1/4
	1-1/8	**120398**	SDSX1-1/8	1.38	–	–
	1-3/16	**120399**	SDSX1-3/16	1.36	–	–
	1-1/4	**120400**	SDSX1-1/4	1.32	–	–
	1-5/16	**120401**	SDSX1-5/16	1.26	5/16 x 5/32	5/16 x 5/16
	1-3/8	**120402**	SDSX1-3/8	1.24	–	–
	1-7/16	**120403**	SDSX1-7/16	1.19	3/8 x 3/16	3/8 x 3/8
	1-1/2	**120404**	SDSX1-1/2	1.15		
	1-9/16	**120405**	SDSX1-9/16	1.11		
	1-5/8	**120406**	SDSX1-5/8	1.08		
	1-11/16	**120407**	SDSX1-11/16	1.08	3/8 x 1/8	3/8 x 5/16*
	1-3/4	**120408**	SDSX1-3/4	1.02		
	1-13/16	**120409**	SDSX1-13/16	0.98		
	1-7/8	**120410**	SDSX1-7/8	0.92	1/2 x 1/16	1/2 x 5/16*
	1-15/16	**120411**	SDSX1-15/16	0.87	–	–
	2	**120412**	SDSX2	0.77	None	–
	24mm	**120094**	SDSX24mm	1.47	8 X 3.3mm	8 X 7mm
	25mm	**120095**	SDSX25mm	1.47		
	28mm	**120096**	SDSX28mm	1.41		
	30mm	**120097**	SDSX30mm	1.36		
	32mm	**120098**	SDSX32mm	1.31	–	–
	35mm	**120099**	SDSX35mm	1.22	10 X 3.3mm	10 X 8mm
	38mm	**120100**	SDSX38mm	1.00	–	–
	40mm	**120101**	SDSX40mm	1.01	12 X 3.3mm	12 X 8mm
	42mm	**120102**	SDSX42mm	1.02		

Bore sizes marked (#) will be supplied with 1/2 in. wide keyway unless the 5/8 in. wide keyway is specified when ordering

* Key furnished for these sizes ONLY

** Key not furnished for mm bores sizes

QD Bushings - Stock Bore

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
SD	1/2	**120364**	SDX1/2kW	2.07	1/8 x 1/16	1/8 x 1/8
	9/16	**120365**	N/A	2.05		
	5/8	**120366**	SDX5/8	2.03	–	–
	11/16	**120367**	SDX11/16	2.00	–	–
	3/4	**120368**	SDX3/4	2.00	3/16 x 3/32	3/16 x 3/16
	13/16	**120369**	N/A	2.00	–	–
	7/8	**120370**	SDX7/8	1.88	–	–
	15/16	**120371**	SDX15/16	1.85	–	–
	1	**120372**	SDX1	1.80	–	–
	1-1/16	**120373**	SDX1-1/16	1.79	1/4 x 1/8	1/4 x 1/4
	1-1/8	**120374**	SDX1-1/8	1.72	–	–
	1-3/16	**120375**	SDX1-3/16	1.67	–	–
	1-1/4	**120376**	SDX1-1/4	1.62	–	–
	1-5/16	**120377**	SDX1-5/16	1.55	5/16 x 5/32	5/16 x 5/16
	1-3/8	**120378**	SDX1-3/8	1.50		
	1-7/16	**120379**	SDX1-7/16	1.44	–	–
	1-1/2	**120380**	SDX1-1/2	1.36	–	–
	1-9/16	**120381**	SDX1-9/16	1.29	3/8 x 3/16	3/8 x 3/8
	1-5/8	**120382**	SDX1-5/8	1.29	–	–
	1-11/16	**120383**	SDX1-11/16	1.20	–	–
	1-3/4	**120384**	SDX1-3/4	1.19	3/8 x 1/8	3/8 x 5/16*
	1-13/16	**120385**	SDX1-13/16	1.15	–	–
	1-7/8	**120386**	SDX1-7/8	1.07	1/2 x 1/16	1/2 x 5/16*
	1-15/16	**120387**	SDX1-15/16	1.00	–	–
	2	**120581**	SDX2	0.84	None	–
	24mm	**120103**	SDX24mm	1.84	8 X 3.3mm	8 X 7mm
	25mm	**120104**	SDX25mm	1.82		
	28mm	**120105**	SDX28mm	1.72		
	30mm	**120106**	SDX30mm	1.66		
	32mm	**120107**	SDX32mm	1.58	–	–
	35mm	**120108**	SDX35mm	1.49	10 X 3.3mm	10 X 8mm
	38mm	**120109**	SDX38mm	1.37	–	–
	40mm	**120110**	SDX40mm	1.28	12 X 3.3mm	12 X 8mm
	42mm	**120111**	SDX42mm	1.18		
SK	1/2	**120413**	SKX1/2kW	3.77	1/8 x 1/16	1/8 x 1/8
	9/16	**120414**	SKX9/16	3.74	–	–
	5/8	**120415**	SKX5/8	3.72	–	–
	11/16	**120416**	SKX11/16	3.70	–	–
	3/4	**120417**	SKX3/4	3.61	3/16 x 3/32	3/16 x 3/16
	13/16	**120418**	SKX13/16	3.53	–	–
	7/8	**120419**	SKX7/8	3.58	–	–
	15/16	**120420**	SKX15/16	3.52	1/4 x 1/8	1/4 x 1/4
	1	**120421**	SKX1	3.45		
	1-1/16	**120422**	SKX1-1/16	3.41		

P/N's marked (+) are integral key bushings

Bore sizes marked (#) will be supplied with 1/2 in. wide keyway unless the 5/8 in. wide keyway is specified when ordering

* Key furnished for these sizes ONLY

** Key not furnished for mm bores sizes

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
SK (Con't.)	1-1/8	**120423**	SKX1-1/8	3.37	1/4 x 1/8	1/4 x 1/4
	1-3/16	**120424**	SKX1-3/16	3.31		
	1-1/4	**120425**	SKX1-1/4	3.31		
	1-5/16	**120426**	SKX1-5/16	3.18	5/16 x 5/32	5/16 x 5/16
	1-3/8	**120427**	SKX1-3/8	3.12		
	1-7/16	**120428**	SKX1-7/16	3.08	3/8 x 3/16	3/8 x 3/8
	1-1/2	**120429**	SKX1-1/2	3.00		
	1-9/16	**120430**	SKX1-9/16	2.95		
	1-5/8	**120431**	SKX1-5/8	2.86		
	1-11/16	**120432**	SKX1-11/16	2.79		
	1-3/4	**120433**	SKX1-3/4	2.88		
	1-13/16	**120434**	SKX1-13/16	2.62	1/2 x 1/4	1/2 x 1/2
	1-7/8	**120435**	SKX1-7/8	2.50		
	1-15/16	**120436**	SKX1-15/16	2.42		
	2	**120437**	SKX2	2.32		
	2-1/16	**120438**	SKX2-1/16	2.26		
	2-1/8	**120439**	SKX2-1/8	2.17		
	2-3/16	**120440**	SKX2-3/16	2.21	1/2 x 3/16	1/2 x 7/16*
	2-1/4	**120441**	SKX2-1/4	2.09	–	–
	2-5/16	**120442**	SKX2-5/16	2.00	5/8 x 1/16	5/8 x 3/8*
	2-3/8	**120443**	SKX2-3/8	1.91		
	2-7/16	**120444**	SKX2-7/16	1.81		
	2-1/2	**120445**	SKX2-1/2	1.72		
	2-5/8	**120447**	SKX2-5/8	1.32	None	–
	24mm	**120112**	SKX24mm	3.52	8 X 3.3mm	8 X 7mm
	25mm	**120113**	SKX25mm	3.50		
	28mm	**120114**	SKX28mm	3.41		
	30mm	**120115**	SKX30mm	3.31		
	32mm	**120116**	SKX32mm	3.31	–	–
	35mm	**120117**	SKX35mm	3.12	10 X 3.3mm	10 X 8mm
	38mm	**120118**	SKX38mm	2.98	–	–
	40mm	**120119**	SKX40mm	2.95	12 X 3.3mm	12 X 8mm
	42mm	**120120**	SKX42mm	2.86		
	45mm	**120070**	SKX45mm	2.69	–	–
	48mm	**120121**	SKX48mm	2.50	14 X 3.8mm	14 X 9mm
	50mm	**120122**	SKX50mm	2.40	–	–
	55mm	**120123**	SKX55mm	2.17	16 X 4.3mm	16 X 10mm
SF	1/2	**120448**	SFX1/2kW	5.27	1/8 x 1/4	1/8 x 1/8
	9/16	**120449**	SFX9/16	5.27		
	5/8	**120450**	SFX5/8	5.22	3/16 x 3/32	3/16 x 3/16
	11/16	**120451**	SFX11/16	5.20		
	3/4	**120452**	SFX3/4	5.17		
	13/16	**120453**	SFX13/16	5.32		
	7/8	**120454**	SFX7/8	5.08		
	15/16	**120455**	SFX15/16	5.05	1/4 x 1/8	1/4 x 1/4
	1	**120456**	SFX1	5.00		
	1-1/16	**120457**	SFX1-1/16	4.95		
	1-1/8	**120458**	SFX1-1/8	4.90		
	1-3/16	**120459**	SFX1-3/16	4.83		
	1-1/4	**120460**	SFX1-1/4	4.77		

SPECIFICATION

BALDOR · DODGE

QD Bushings - Stock Bore

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
SF (Con't.)	1-5/16	**120461**	SFX1-5/16	4.71	5/16 x 5/32	5/16 x 5/16
	1-3/8	**120462**	SFX1-3/8	4.61		
	1-7/16	**120463**	SFX1-7/16	4.57	3/8 x 3/16	3/8 x 3/8
	1-1/2	**120464**	SFX1-1/2	4.48		
	1-9/16	**120465**	SFX1-9/16	4.42		
	1-5/8	**120466**	SFX1-5/8	4.32		
	1-11/16	**120467**	SFX1-11/16	4.31		
	1-3/4	**120468**	SFX1-3/4	4.16		
	1-13/16	**120469**	SFX1-13/16	4.06	1/2 x 1/4	1/2 x 1/2
	1-7/8	**120470**	SFX1-7/8	4.00		
	1-15/16	**120471**	SFX1-15/16	3.87		
	2	**120472**	SFX2	3.78		
	2-1/16	**120473**	SFX2-1/16	3.70		
	2-1/8	**120474**	SFX2-1/8	3.57		
	2-3/16	**120475**	SFX2-3/16	3.45		
	2-1/4	**120476**	SFX2-1/4	3.38		
	2-5/16	**120477**	SFX2-5/16	3.32	5/8 x 5/16	5/8 x 5/8
	2-3/8	**120478**	SFX2-3/8	3.39	5/8 x 3/16	5/8 x 1/2*
	2-7/16	**120479**	SFX2-7/16	3.26		
	2-1/2	**120592**	SFX2-1/2	3.16		
	2-5/8	**120482**	SFX2-5/8	2.91	5/8 x 1/16	5/8 x 3/8*
	2-11/16	**120483**	SFX2-11/16	2.80		
	2-3/4	**120484**	SFX2-3/4	2.59		
	2-13/16	**120485**	SFX2-13/16	2.50	3/4 x 1/16	3/4 x 7/16*
	2-7/8	**120486**	SFX2-7/8	2.35	3/4 x 1/32	3/4 x 13/32*
	2-15/16	**120487**	SFX2-15/16	2.22		
	28mm	**120124**	SFX28mm	5.00	8 X 3.3mm	8 X 7mm
	30mm	**120125**	SFX30mm	4.90		
	32mm	**120126**	SFX32mm	4.77	–	–
	35mm	**120127**	SFX35mm	4.61	10 X 3.3mm	10 X 8mm
	38mm	**120128**	SFX38mm	4.48		
	40mm	**120129**	SFX40mm	4.42	12 X 3.3mm	12 X 8mm
	42mm	**120130**	SFX42mm	4.32	–	–
	45mm	**120071**	SFX45mm	4.16	–	–
	48mm	**120131**	SFX48mm	4.00	14 X 3.8mm	14 X 9mm
	50mm	**120132**	SFX50mm	3.87	–	–
	55mm	**120133**	SFX55mm	3.57	16 X 4.3mm	16 X 10mm
	60mm	**120134**	SFX60mm	3.39	18 X 4.4mm	18 X 11mm
E	7/8	**120488**	EX7/8	11.80	3/16 x 3/32	3/16 x 3/16
	1	**120490**	EX1	11.65	1/4 x 1/8	1/4 x 1/4
	1-1/8	**120492**	EX1-1/8	11.46		
	1-3/16	**120493**	EX1-3/16	11.40		
	1-1/4	**120494**	EX1-1/4	11.33		
	1-5/16	**120495**	EX1-5/16	11.26	5/16 x 5/32	5/16 x 5/16
	1-3/8	**120496**	EX1-3/8	11.20		
	1-7/16	**120497**	EX1-7/16	11.13	3/8 x 3/16	3/8 x 3/8
	1-1/2	**120498**	EX1-1/2	10.86		
	1-9/16	**120499**	EX1-9/16	10.82		
	1-5/8	**120500**	EX1-5/8	10.69		
	1-11/16	**120501**	EX1-11/16	10.56		
	1-3/4	**120502**	EX1-3/4	10.46		
	1-13/16	**120503**	EX1-13/16	10.16	1/2 x 1/4	1/2 x 1/2
	1-7/8	**120504**	EX1-7/8	10.16		
	1-15/16	**120505**	EX1-15/16	10.16		

P/N's marked (+) are integral key bushings

Bore sizes marked (#) will be supplied with 1/2 in. wide keyway unless the 5/8 in. wide keyway is specified when ordering

* Key furnished for these sizes ONLY

** Key not furnished for mm bores sizes

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
E (Con't.)	2	**120506**	EX2	10.01	1/2 x 1/4	1/2 x 1/2
	2-1/16	**120507**	EX2-1/16	9.85		
	2-1/8	**120508**	EX2-1/8	9.73		
	2-3/16	**120509**	EX2-3/16	9.42		
	2-1/4	**120510**	EX2-1/4	9.42		
	2-5/16	**120511**	EX2-5/16	9.07	5/8 x 5/16	5/8 x 5/8
	2-3/8	**120512**	EX2-3/8	8.95		
	2-7/16	**120513**	EX2-7/16	8.77		
	2-1/2	**120514**	EX2-1/2	8.72		
	2-5/8	**120516**	EX2-5/8	8.37		
	2-11/16	**120517**	EX2-11/16	8.05		
	2-3/4	**120518**	EX2-3/4	7.90		
	2-13/16	**120519**	EX2-13/16	7.70	3/4 x 3/8	3/4 x 3/4
	2-7/8	**120520**	EX2-7/8	7.32		
	2-15/16	**120521**	EX2-15/16	7.53	3/4 x 1/8	3/4 x 1/2*
	3	**120522**	EX3	7.31		
	3-1/8	**120524**	EX3-1/8	6.90		
	3-3/16	**120525**	EX3-3/16	6.69		
	3-1/4	**120526**	EX3-1/4	6.48		
	3-5/16	**120527**	EX3-5/16	6.10	7/8 x 1/8	7/8 x 9/16*
	3-3/8	**120528**	EX3-3/8	6.21	7/8 x 1/16	7/8 x 1/2*
	3-7/16	**120529**	EX3-7/16	5.86		
	3-1/2	**120530**	EX3-1/2	5.73		
	28mm	**120073**	EX28mm, 8 X 3.3mm kW	10.20	8 X 3.3mm	8 X 7mm
	30mm	**120074**	EX30mm, 8 X 3.3mm kW	10.20	–	–
	32mm	**120075**	EX32mm, 10 X 3.3mm kW	10.20	–	–
	35mm	**120135**	EX35mm	10.20	10 X 3.3mm	10 X 8mm
	38mm	**120136**	EX38mm	10.00	–	–
	40mm	**120137**	EX40mm	10.88	12 X 3.3mm	12 X 8mm
	42mm	**120138**	EX42mm	9.80	–	–
	45mm	**120141**	EX45mm	9.60	–	–
	48mm	**120139**	EX48mm	10.26	14 X 3.8mm	14 X 9mm
	50mm	**120140**	EX50mm	10.06	–	–
	55mm	**120142**	EX55mm	9.56	16 X 4.3mm	16 X 10mm
	60mm	**120143**	EX60mm	9.10	18 X 4.4mm	18 X 11mm
	65mm	**120144**	EX65mm	9.60		
	70mm	**120145**	EX70mm	7.87	20 X 4.9mm	20 X 12mm
	75mm	**120146**	EX75mm	7.28		
F	1	**120531**	FX1	19.41	1/4 x 1/8	1/4 x 1/4
	1-1/8	**120533**	FX1-1/8	19.15		
	1-3/16	**120534**	FX1-3/16	18.00		
	1-1/4	**120535**	FX1-1/4	18.99		
	1-3/8	**120537**	FX1-3/8	18.68	5/16 x 5/32	5/16 x 5/16
	1-7/16	**120538**	FX1-7/16	18.56	3/8 x 3/16	3/8 x 3/8
	1-1/2	**120539**	FX1-1/2	18.48		
	1-9/16	**120540**	FX1-9/16	18.40		
	1-5/8	**120541**	FX1-5/8	18.15		
	1-11/16	**120542**	FX1-11/16	17.91		
	1-3/4	**120543**	FX1-3/4	16.77		
	1-13/16	**120544**	FX1-13/16	17.62	1/2 x 1/4	1/2 x 1/2
	1-7/8	**120545**	FX1-7/8	16.41		
	1-15/16	**120546**	FX1-15/16	16.00		
	2	**120547**	FX2	16.00		
	2-1/16	**120548**	FX2-1/16	16.00		
	2-1/8	**120549**	FX2-1/8	15.95		
	2-3/16	**120550**	FX2-3/16	15.95		
	2-1/4	**120551**	FX2-1/4	15.95		

BALDOR · DODGE®

QD Bushings - Stock Bore

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
F (Con't.)	2-5/16	**120552**	FX2-5/16	15.95	5/8 x 5/16	5/8 x 5/8
	2-3/8	**120553**	FX2-3/8	15.50		
	2-7/16	**120554**	FX2-7/16	15.50		
	2-1/2	**120555**	FX2-1/2	15.37		
	2-5/8	**120557**	FX2-5/8	14.86		
	2-11/16	**120558**	FX2-11/16	14.50		
	2-3/4	**120559**	FX2-3/4	14.37		
	2-13/16	**120560**	FX2-13/16	14.00	3/4 x 3/8	3/4 x 3/4
	2-7/8	**120561**	FX2-7/8	14.02		
	2-15/16	**120562**	FX2-15/16	13.47		
	3	**120563**	FX3	13.20		
	3-1/8	**120565**	FX3-1/8	12.67		
	3-3/16	**120566**	FX3-3/16	12.50		
	3-1/4	**120567**	FX3-1/4	12.00		
	3-3/8	**120569**	FX3-3/8	12.00	7/8 x 3/16	7/8 x 5/8*
	3-7/16	**120570**	FX3-7/16	11.88		
	3-1/2	**120571**	FX3-1/2	11.40		
	3-5/8	**120573**	FX3-5/8	10.53		
	3-11/16	**120574**	FX3-11/16	14.00		
	3-3/4	**120575**	FX3-3/4	9.89		
	3-7/8	**120577**	FX3-7/8	9.26	1 x 1/8	1 x 5/8*
	3-15/16	**120578**	FX3-15/16	9.23		
	4	**120579**	FX4	7.96	None	–
	45mm	**120076**	FX45mm	16.20	–	–
	48mm	**120147**	FX48mm	16.00	14 X 3.8mm	14 X 9mm
	50mm	**120148**	FX50mm	15.80	–	–
	55mm	**120149**	FX55mm	15.80	16 X 4.3mm	16 X 10mm
	60mm	**120150**	FX60mm	15.80	18 X 4.4mm	18 X 11mm
	65mm	**120151**	FX65mm	14.30		
	70mm	**120152**	FX70mm	14.30	20 X 4.9mm	20 X 12mm
	75mm	**120153**	FX75mm	13.50		
	80mm	**120155**	FX80mm	12.55	22 X 5.4mm	22 X 14mm
	85mm	**120155**	FX85mm	10.60		
	90mm	**120077**	FX90mm	10.50	25 X 5.4mm	25 X 14mm
J	1-1/2	**120600**	JX1-1/2	28.97	3/8 x 3/16	3/8 x 3/8
	1-5/8	**120601**	JX1-5/8	28.61		
	1-3/4	**120603**	JX1-3/4	28.28		
	1-7/8	**120604**	JX1-7/8	27.79	1/2 x 1/4	1/2 x 1/2
	1-15/16	**120605**	JX1-15/16	27.53		
	2	**120606**	JX2	27.33		
	2-1/8	**120607**	JX2-1/8	26.74		
	2-3/16	**120608**	JX2-3/16	26.37		
	2-1/4	**120609**	JX2-1/4	26.32		
	2-3/8	**120610**	JX2-3/8	25.65	5/8 x 5/16	5/8 x 5/8
	2-7/16	**120611**	JX2-7/16	25.52		
	2-1/2	**120612**	JX2-1/2	25.05		
	2-5/8	**120613**	JX2-5/8	24.50		
	2-11/16	**120614**	JX2-11/16	24.18		
	2-3/4	**120615**	JX2-3/4	23.86		
	2-7/8	**120617**	JX2-7/8	23.15	3/4 x 3/8	3/4 x 3/4
	2-15/16	**120618**	JX2-15/16	23.07		
	3	**120619**	JX3	22.43		
	3-1/8	**120620**	JX3-1/8	21.68		

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
J (Con't.)	3-3/16	**120621**	JX3-3/16	21.35	3/4 x 3/8	3/4 x 3/4
	3-1/4	**120622**	JX3-1/4	20.98		
	3-3/8	**120623**	JX3-3/8	20.33	7/8 x 7/16	7/8 x 7/8
	3-7/16	**120624**	JX3-7/16	21.13		
	3-1/2	**120625**	JX3-1/2	19.58		
	3-5/8	**120626**	JX3-5/8	18.44		
	3-11/16	**120627**	JX3-11/16	18.04		
	3-3/4	**120628**	JX3-3/4	17.62		
	3-7/8	**120629**	JX3-7/8	17.94	1 x 1/8	1 x 5/8*
	3-15/16	**120630**	JX3-15/16	17.38		
	4	**120631**	JX4	16.62		
	4-1/8	**120632**	JX4-1/8	15.69		
	4-3/16	**120633**	JX4-3/16	14.55		
	4-1/4	**120634**	JX4-1/4	14.68		
	4-3/8	**120635**	JX4-3/8	14.00		
	4-7/16	**120636**	JX4-7/16	13.49		
	4-1/2	**120637**	JX4-1/2	12.67		
	50mm	**120157**	JX50mm	26.50	14 X 3.8mm	14 X 9mm
	55mm	**120158**	JX55mm	25.60	16 X 4.3mm	16 X 10mm
	60mm	**120159**	JX60mm	25.82	18 X 4.4mm	18 X 11mm
	65mm	**120160**	JX65mm	25.25		
	70mm	**120161**	JX70mm	24.04	20 X 4.9mm	20 X 12mm
	75mm	**120162**	JX75mm	21.90		
	80mm	**120163**	JX80mm	20.90	22 X 5.4mm	22 X 14mm
	85mm	**120164**	JX85mm	20.52		
	90mm	**120165**	JX90mm	18.10	25 X 5.4mm	25 X 14mm
	95mm	**120166**	JX95mm	16.80		
	100mm	**120167**	JX100mm	16.50	26 X 6.4mm	28 X 16mm
M	2	**119900**	MX2	62.65	–	–
	2-1/8	**119901**	MX2-1/8	62.65	1/2 x 1/4	1/2 x 1/2
	2-3/16	**119902**	MX2-3/16	61.58	–	–
	2-1/4	**119903**	MX2-1/4	61.14	–	–
	2-3/8	**119904**	MX2-3/8	59.50	–	–
	2-7/16	**119905**	MX2-7/16	59.35	–	–
	2-1/2	**119906**	MX2-1/2	59.21	5/8 x 5/16	5/8 x 5/8
	2-5/8	**119907**	MX2-5/8	58.69	–	–
	2-3/4	**119908**	MX2-3/4	57.86	–	–
	2-7/8	**119909**	MX2-7/8	56.57	3/4 x 3/8	3/4 x 3/4
	2-15/16	**119910**	MX2-15/16	56.17		
	3	**119911**	MX3	56.10		
	3-1/8	**119912**	MX3-1/8	55.82		
	3-3/16	**119913**	MX3-3/16	53.84		
	3-1/4	**119914**	MX3-1/4	53.42		
	3-3/8	**119915**	MX3-3/8	52.06	7/8 x 7/16	7/8 x 7/8
	3-7/16	**119916**	MX3-7/16	52.04		
	3-1/2	**119917**	MX3-1/2	51.12		
	3-5/8	**119918**	MX3-5/8	50.08		
	3-11/16	**119919**	MX3-11/16	49.00		
	3-3/4	**119920**	MX3-3/4	48.47		
	3-7/8	**119921**	MX3-7/8	47.03	1 x 1/2	1 x 1
	3-15/16	**119922**	MX3-15/16	46.26		
	4	**119923**	MX4	46.09		
	4-1/8	**119924**	MX4-1/8	44.31		
	4-3/16	**119925**	MX4-3/16	43.64		
	4-1/4	**119926**	MX4-1/4	42.81		

P/N's marked (+) are integral key bushings

Bore sizes marked (#) will be supplied with 1/2 in. wide keyway unless the 5/8 in. wide keyway is specified when ordering

* Key furnished for these sizes ONLY

** Key not furnished for mm bores sizes

SPECIFICATION

BALDOR · DODGE

QD Bushings - Stock Bore

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
M (Con't.)	4-3/8	**119927**	MX4-3/8	41.46	1 x 1/2	1 x 1
	4-7/16	**119928**	MX4-7/16	40.60		
	4-1/2	**119929**	MX4-1/2	40.27		
	4-11/16	**119930**	MX4-11/16	37.12	1-1/4 x 5/8	1-1/4 x 1-1/4
	4-3/4	**119931**	MX4-3/4	37.00	–	–
	4-7/8	**119932**	MX4-7/8	36.89	–	–
	4-15/16	**119933**	MX4-15/16	36.13	–	–
	5	**119934**	MX5	35.66	–	–
	5-1/8	**119899**	MX5-1/8	35.00	1-1/4 x 1/4	1-1/4 x 7/8*
	5-3/16	**119894**	MX5-3/16	35.00	–	–
	5-1/4	**119935**	MX5-1/4	30.00	–	–
	5-7/16	**119936**	MX5-7/16	30.00	–	–
	5-1/2	**119937**	MX5-1/2	29.00	–	–
N	2-7/16	**119940**	NX2-7/16-kW	87.57	5/8 x 5/16	5/8 x 5/8
	2-15/16	**119941**	NX2-15/16	83.00	3/4 x 3/8	3/4 x 3/4
	3-7/16	**119942**	NX3-7/16	80.00	–	–
	3-1/2	**119980**	NX3-1/2	80.00	7/8 x 7/16	7/8 x 7/8
	3-3/4	**119943**	NX3-3/4	80.00	–	–
	3-7/8	**119944**	NX3-7/8	80.00	1 x 1/2	1 x 1
	3-15/16	**119945**	NX3-15/16	80.00		
	4	**119946**	NX4	80.00		
	4-3/16	**119947**	NX4-3/16	80.00		
	4-1/4	**119948**	NX4-1/4	80.00		
	4-3/8	**119982**	NX4-3/8	79.00		
	4-7/16	**119949**	NX4-7/16	78.00		
	4-1/2	**119950**	NX4-1/2	77.00		
	4-11/16	**119983**	NX4-11/16	76.00	1-1/4 x 5/8	1-1/4 x 1-1/4
	4-3/4	**119951**	NX4-3/4	75.00		
	4-7/8	**119952**	NX4-7/8	74.00		
	4-15/16	**119953**	NX4-15/16	73.00		
	5	**119954**	NX5	72.00		
	5-1/8	**119955**	NX5-1/8	71.00	1-1/4 x 1/4	–
	5-3/16	**119986**	NX5-3/16	70.50		–
	5-1/4	**119956**	NX5-1/4	70.00		1-1/4 x 7/8*
	5-7/16	**119957**	NX5-7/16	52.19		–
	5-1/2	**119958**	NX5-1/2	49.02		–
	5-3/4	**119959**	NX5-3/4	49.00	1-1/2 x 1/8	1-1/2 x 7/8*
	5-7/8	**119960**	NX5-7/8	44.00		
	5-15/16	**119961**	NX5-15/16	43.00		
	6	**119962**	NX6	42.00		

P/N's marked (+) are integral key bushings

Bore sizes marked (#) will be supplied with 1/2 in. wide keyway unless the 5/8 in. wide keyway is specified when ordering

* Key furnished for these sizes ONLY

** Key not furnished for mm bores sizes

QD Bush. Size	Bore	P/N	Description (Maska P/N)	Wt.	Bushing Keyway	Key Size REF
P	3-7/16	**119965**	PX3-7/16	134.00	7/8 x 7/16	7/8 x 7/8
	3-15/16	**119966**	PX3-15/16	122.00	1 x 1/2	1 x 1
	4	**119987**	PX4	122.00		
	4-7/16	**119967**	PX4-7/16	122.40		
	4-1/2	**119968**	PX4-1/2	121.00		
	4-3/4	**119969**	PX4-3/4	120.00	1-1/4 x 5/8	1-1/4 x 1-1/4
	4-7/8	**119985**	PX4-7/8	120.00		
	4-15/16	**119970**	PX4-15/16	119.00		
	5	**119971**	PX5	115.00		
	5-3/16	**119984**	PX5-3/16	114.00		
	5-7/16	**119972**	PX5-7/16	113.00		
	5-1/2	**119973**	PX5-1/2	100.00		
	5-15/16	**119974**	PX5-15/16	94.00	–	–
	6	**119975**	PX6	93.70	1-1/2 x 1/4	1-1/2 x 1*
	6-7/16	**119976**	PX6-7/16	83.50		
	6-1/2	**119977**	PX6-1/2	80.50		
	7	**119978**	PX7	68.00	1-3/4 x 1/8	1-3/4 x 7/8*
W	4-1/4	**120180**	WX4-1/4	260.00	–	–
	4-7/16	**120181**	WX4-7/16	256.60	1 x 1/2	1 x 1
	4-1/2	**120182**	WX4-1/2 kW	255.40	–	–
	4-3/4	**120183**	WX4-3/4	250.00	1-1/4 x 5/8	1-1/4 x 1-1/4
	5	**120186**	WX5	244.30		
	5-3/8	**120188**	WX5-3/8 kW	235.30		
	5-1/2	**120189**	WX5-1/2	232.20		
	5-3/4	**120190**	WX5-3/4	225.70	1-1/2 x 3/4	1-1/2 x 1-1/2
	5-7/8	**120191**	WX5-7/8 kW	222.30		
	5-15/16	**120192**	WX5-15/16	220.00		
	6	**120193**	WX6	218.90		
	6-1/2	**120194**	WX6-1/2	215.00		
	6-3/4	**120328**	WX6-3/4	210.00	1-3/4 x 3/4	1-3/4 x 1-1/2
	7	**120196**	WX7	184.90		
	7-1/4	**120197**	WX7-1/4	184.40		
	7-1/2	**120198**	WX7-1/2	175.80		
	7-3/4	**120199**	WX7-3/4	172.00	2 x 1/4	2 x 1*
	8	**120200**	WX8	159.70		
S	▼ Bushings size available please call Baldor for information					

QD Reborable

QD Bush. Size	Sintered Steel		Cast Iron		Ductile Iron	
	Bore	P/N	Bore	P/N	Bore	P/N
JA	1/2	**120050**	–	–	–	–
SH	1/2	**120051**	–	–	1/2	**119876**
SDS	1/2	**120052**	–	–	1-7/16	**119877**
SD	1/2	**120053**	–	–	1-9/16	**119878**
SK	1/2	**120054**	–	–	2	**119879**
SF	1/2	**120055**	–	–	2-5/16	**119880**
E	–	–	7/8	**120056**	7/8	**119881**
F	–	–	1	**120057**	1	**119882**
J	–	–	1-1/2	**120058**	1-1/2	**119883**
M	–	–	2	**119938**	2	**119884**
N	–	–	2-7/16	**119963**	2-7/16	**119885**
P	–	–	3-7/16	**119979**	3-7/16	**119886**
W	–	–	4	**120276**	–	–
S	–	–	5-1/2	**394059**	–	–

Note: All reborable bushings are stocked without sawsplit to facilitate re-machining. Sawsplit must be made in bushing to allow it to compress for proper gripping of the shaft. Factory rebore and keyseat service as listed in MLP List Price book includes sawsplit.

QD - MAXIMUM BORE CAPACITIES

QD Bush. Size	Sintered Steel			Cast Iron			Ductile Iron			
	Full Key	Shallow Key	Metric	Full Key	Shallow Key	Metric	Full Key	Shallow Key	No Key*	Metric
JA	1	1-1/16	25	–	–	–	1	1-3/16	1-1/4	25
SH	1-1/4	1-1/4	30	–	–	–	1-3/8	1-5/8	1-11/16	35
SDS	1-9/16	1-5/8	40	–	–	–	1-5/8	1-15/16	2	42
SD	1-9/16	1-9/16	40	–	–	–	1-11/16	1-15/16	2	42
SK	2	2-1/16	50	–	–	–	2-1/2	2-1/2	2-5/8	55
SF	2-1/4	2-3/8	55	–	–	–	2-5/16	2-15/16	2-15/16	65
E	–	–	–	2-3/4	3	70	2-7/8	3-1/2	3-1/2	89
F	–	–	–	3-1/4	3-7/16	90	3-1/4	3-15/16	4	101
J	–	–	–	3-3/4	3-7/8	100	3-3/4	4-1/2	4-1/2	114
M	–	–	–	4-3/4	5	120	4-3/4	5-1/2	5-1/2	139
N	–	–	–	5	5-1/4	130	5	6	6	149
P	–	–	–	5-1/2	7	160	5-1/2	7	7	177
W	–	–	–	6-1/2	7	165	6-1/2	8-1/2	8-1/2	216
S	–	–	–	8-1/4	8-1/4	209	8-1/4	10	10	250

Note: ISO standard method for measuring keyseat depth
mm bore and keyway dimensions conform to ISO standard recommendation R773, for “free” fit

Reference:
1 inch = 25.4 millimeters
1 millimeter = .03937 inches

* Verify torque capacity: Contact application engineering for assistance.

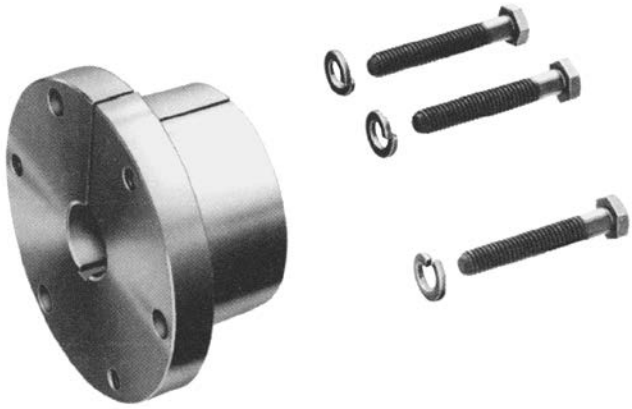
SPECIFICATION

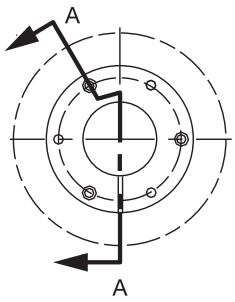
BALDOR · DODGE

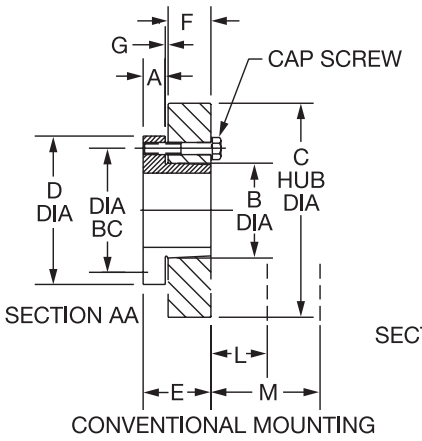
QD Bushing - Metric Bore/Metric Hardware

Features

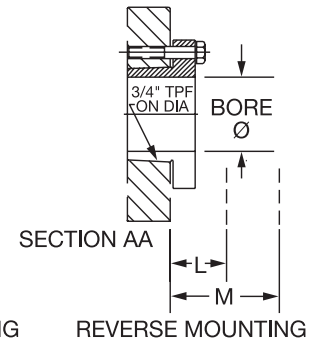
- Dodge QD-style bushings stocked in popular finish bore sizes and minimum plain bore, for custom reboring.
- Dodge Metric QD bushings supplied with metric hex-head cap screws and lock washers.
- Stock reborable bushings available for custom reboring.
- Reboring and sawsplit available from Dodge for nominal extra charge.
  NOTE: Rebore by others must be sawsplit after rebore.
- Can be used with Dodge HTD sprockets for conventional mounting only (English thread hardware required for demounting).



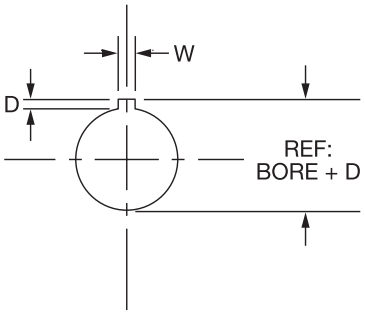




CONVENTIONAL MOUNTING



REVERSE MOUNTING



QD Bushing - Metric Bore/Metric Hardware

STOCK REBORABLE BUSHINGS & SPECIFICATIONS

Bush. Sym.	Ductile Iron			Dimensions (mm)							
	Part No.	Max. Bore	Stock Bore	A mm	B mm	C Hub Dia. Iron	C Hub Dia. Steel	D mm	E mm	F mm	G mm
JA	**119860**	25	12.70	7.90	35.10	99.80	57.20	50.80	25.40	14.20	3.10
SH	**119862**	36	12.70	10.90	47.80	120.70	76.20	66.80	33.30	20.60	3.10
SDS	**119863**	42	36.51	10.90	55.40	120.70	88.90	80.80	33.30	19.10	3.10
SD	**119864**	42	39.69	10.90	55.40	96.80	88.90	80.80	46.00	31.80	3.10
SK	**119865**	55	50.80	14.20	71.40	120.70	114.30	98.60	49.00	31.80	5.60
SF	**119866**	60	58.74	16.00	79.50	162.10	139.70	117.60	52.30	31.80	5.60
E	**119867**	82	22.20	22.40	97.30	190.50	165.10	152.40	69.90	41.40	6.40
F	**119868**	92	25.40	25.40	115.50	196.90	184.20	168.40	95.30	63.50	8.60
J	**119869**	104	38.10	28.70	130.60	228.60	203.20	184.20	117.60	80.80	9.70
M	**119870**	130	50.80	31.80	165.10	289.10	254.00	228.60	171.50	131.60	10.40

Bushing			Bolt			
Type	Torque Capacity (Nm.)	Center Dia. (mm)	Qty.	Length (mm)	Size	Bolt Torque (Nm.)
JA	113	42.3	3	25	M5 x 0.8	5.6
SH	395	57.2	3	35	M6 x 1	11.5
SDS	565	68.3	3	35	M6 x 1	11.5
SD	565	68.3	3	50	M6 x 1	11.5
SK	781	84.1	3	50	M8 x 1.25	20.5
SF	1243	98.4	3	50	M10 x 1.5	34.0
E	2260	127.0	3	70	M12 x 1.75	77.0
F	3390	142.9	3	100	M14 x 2	100.0
J	5085	158.8	3	120	M16 x 2	194.5
M	9600	200.0	4	180	M20 x 2.5	256.0

QD Bushing - Metric Series

METRIC QD BUSHING - METRIC HARDWARE

mm Bore	Part Numbers								mm Keyway	
	JA	SH	SDS	SD	SK	SF	E	F	W	D
14	**117377**	–	–	–	–	–	–	–	5	2.30
19	**117371**	–	–	–	–	–	–	–	6	2.80
20	**117372**	**117378**	**117385**	–	–	–	–	–	6	2.80
24	**117373**	**117379**	**117386**	**117531**	**117540**	–	–	–	8	3.30
25	**117374***	**117380**	**117387**	**117532**	**117541**	**117553**	–	–	8	3.30
28	–	**117381**	**117388**	**117533**	**117542**	**117554**	–	–	8	3.30
30	–	**117382**	**117389**	**117534**	**117543**	**117555**	–	–	8	3.30
32	–	**117383***	**117390**	**117535**	**117544**	**117556**	–	–	10	3.30
35	–	**117384***	**117391**	**117536**	**117545**	**117557**	–	–	10	3.30
38	–	–	**117392**	**117537**	**117546**	**117558**	–	–	10	3.30
40	–	–	**117393**	**117538**	**117547**	**117559**	**117571***	**117583***	12	3.30
42	–	–	**117394***	**117539***	**117548**	**117560**	–	**117584***	12	3.30
45	–	–	–	–	**117549**	**117561**	–	–	14	3.80
48	–	–	–	–	**117550**	**117562**	–	–	14	3.80
50	–	–	–	–	**117551**	**117563**	**117575***	**117587***	14	3.80
55	–	–	–	–	**117552***	**117564**	**117576***	**117588***	16	4.30
60	–	–	–	–	–	**117565***	–	**117589***	18	4.40

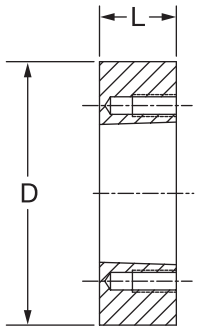
Part numbers marked (*) are ductile iron.

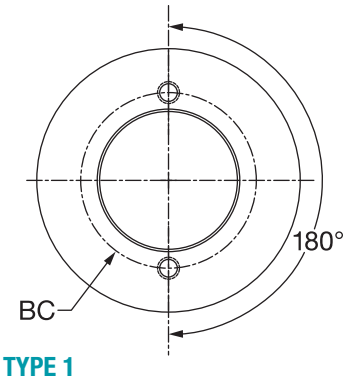
SPECIFICATION

BALDOR · DODGE

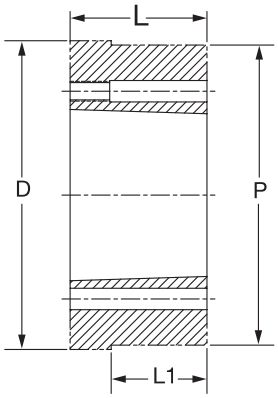
QD Weld-On Hubs

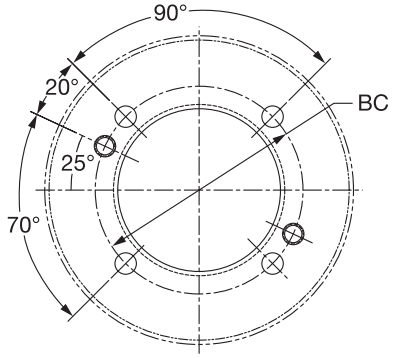
Dodge QD weld-on hubs are useful for welding into fan rotors, pulleys, plate sprockets, impellers, agitators, etc. which require secure mounting to the shaft. These hubs are made of low carbon steel for good welding compatibility. The data tabulation shows the standard QD bushings that are used with these hubs.



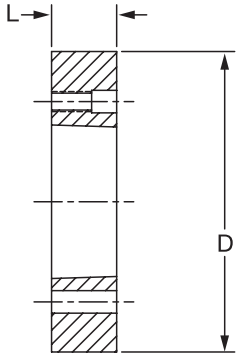


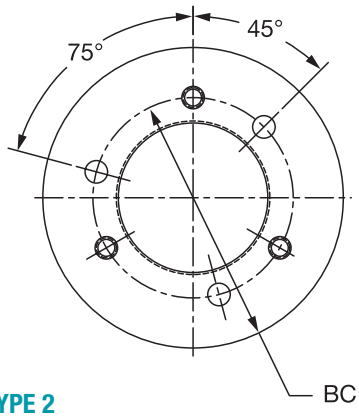
TYPE 1





TYPE 3





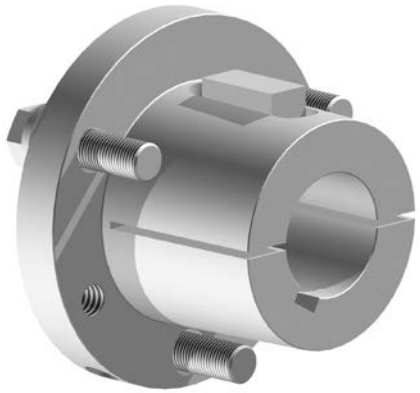
TYPE 2

Hub No.	Part No.	For Bush.	Bore Range	Wt. lbs.	Type	Dimensions					
						D*	L	BC	P	L1	Thread Size
JA-A	**228466**	JA	1/2 - 1-1/4	0.4	2	2.250	0.56	1.66	–	–	10-24 NC x 1
SH-A	**228467**	SH	1/2 - 1-11/16	1.0	2	3.000	0.81	2.25	–	–	1/4-20 NC x 1-3/8
SDS-A	**228468**	SDS	1/2 - 2	1.3	2	3.500	0.75	2.6	–	–	1/4-20 NC x 1-3/8
SK-A	**228469**	SK	1/2 - 2-5/8	3.0	2	4.375	1.25	3.31	–	–	5/16-18 NC x 2
SF-A	**228470**	SF	1/2 - 2-15/16	4.0	2	5.000	1.25	3.88	–	–	3/8-16 NC x 2
E-A	**228471**	E	7/8 - 3-1/2	9.0	2	6.250	1.63	5.00	–	–	1/2-13 NC x 2-3/4
F-A	**228472**	F	1 - 4	16.0	2	7.000	2.50	5.63	–	–	9/16-12 NC x 3-5/8
J-A	**228473**	J	1-1/2 - 4-1/2	22.5	2	7.750	3.19	6.25	–	–	5/8-11 NC x 4-1/2
M-A	**228474**	M	2 - 5-1/2	50.0	3	9.250	5.19	7.88	9.50	3.56	3/4-10 NC x 6-3/4
N-A	**228475**	N	2-7/16 - 5-7/8	75.0	3	10.250	6.25	8.50	10.50	4.50	7/8-9 NC x 8
P-A	**228476**	P	2-15/16 - 7	155.0	2	13.000	7.25	10.00	–	–	1-8 NC x 9-1/2
W-A	**228477**	W	4 - 8-1/2	300.0	2	15.500	9.00	12.75	–	–	1-1/16-7 NC x 11/12

Mounting:
Type 1: Reverse only
Type 2: Conventional or reverse
Type 3: Conventional only

* Tolerance:
QT-A Through J-A = (+0.000 in./-0.002 in.)
M-A Through W-A = (+0.000 in./-0.003 in.)

BK² Bushings



Features:

- Keyed to both shaft and hub. External key provides positive drive with no torque on the cap screws.
- Double split barrel improves true concentricity - grips the shaft with positive clamp fit.
- Manufactured precisely to industry standards.
- The taper on all BK² bushings is 3/4 in. per foot on diameter.
- BK² bushing is the preferred bushing style in the HVAC industry.

HOW TO ORDER

EXAMPLE: **P1X1-7/16**

P1	X	1-7/16

P1: BUSHING SIZE

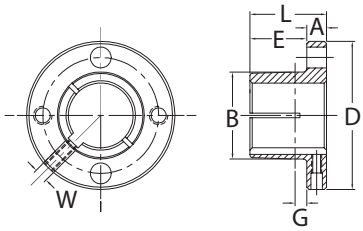
1-1/16: BORE SIZE (1-1/16 in.)
Inch bore sizes are designated with the whole inch followed by the fraction. For example, a 1.5 in. diameter bore would be 1-1/2 in.

SPECIFICATION

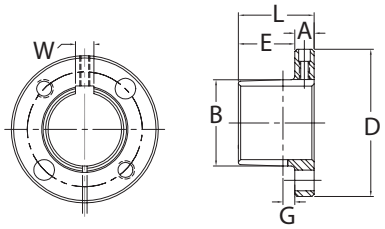
BALDOR · DODGE

BK² Bushings

Type 1

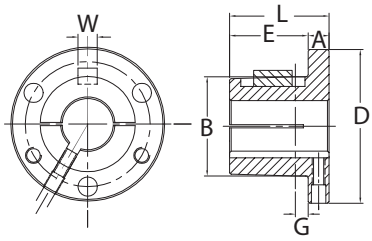


G & H TYPE 1

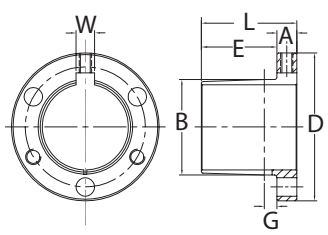


G & H TYPE 2

Type 2



P, B, Q & R TYPE 1



P, B, Q & R TYPE 2

NOTE: Setscrew in R bushings only. No setscrew in P, B & Q bushings.

Size	Dimensions									Bore range		Cap Screws		Av. Wt. lbs.	Wrench torque in. - lbs.
	L	A	E	B		D	M	W	G	Type 1	Type 2	No.	Size		
				Large End	Small End										
G	1	1/4	3/4	1.172	1.133	2	1-9/16	–	3/16	3/8 - 15/16	1	2	1/4-20 UNC X 5/8	.5	95
H	1-9/32	9/32	1	1.625	1.570	2-1/2	2	–	1/8	3/8 - 1-3/8	1-7/16 - 1-1/2	2	1/4-20 UNC X 7/8	.8	95
P1	1-15/16	13/32	1-17/32	1.9375	1.8555	3	2-7/16	3/8	7/32	1/2 - 1-7/16	1-1/2 - 1-3/4	3	5/16-18 UNC X 1	1.3	192
P2	2-15/16	13/32	2-17/32	1.9375	1.7930	3	2-7/16	3/8	7/32	3/4 - 1-7/16	1-1/2 - 1-3/4	3	5/16-18 UNC X 1	1.5	192
B	1-15/16	1/2	1-7/16	2.625	2.5567	–	3-1/8	1/2	7/32	1/2 - 1-15/16	2 - 2-7/16	3	5/16-18 UNC X 1-1/4	1.8	192
Q1	2-1/2	17/32	1-31/32	2.875	2.7657	4-1/8	3-3/8	1/2	7/32	5/8 - 2-1/16	2-1/8 - 2-11/16	3	3/8-16 UNC X 1-1/4	3.5	348
Q2	3-1/2	17/32	2-31/32	2.875	2.7032	4-1/8	3-3/8	1/2	7/32	1 - 2-1/16	2-1/8 - 2-5/8	3	3/8-16 UNC X 1-1/4	4.5	348
R1	2-7/8	5/8	2-1/4	4.000	3.8750	5-3/8	4-5/8	3/4	1/4	1-1/8 - 2-13/16	2-7/8 - 3-3/4	3	3/8-16 UNC X 1-3/4	7.5	348
R2	4-7/8	5/8	4-1/4	4.000	3.7500	5-3/8	4-5/8	3/4	1/4	1-3/8 - 2-13/16	2-7/8 - 3-5/8	3	3/8-16 UNC X 1-3/4	11	348

* Please contact Baldor for lead time and availability.

BK² Bushings

BK² BUSHINGS STANDARD STOCK BORES (INCHES)

	Part Number	Description	Keyseat	Weight
G	GX3/8	G 3/8	None	0.4
	GX7/16	G 7/16	None	0.4
	GX1/2	G 1/2	1/8 X 7/16	0.4
	GX9/16	G 9/16	1/8 X 7/16	0.4
	GX5/8	G 5/8	3/16 X 3/32	0.3
	GX11/16	G 11/16	3/16 X 3/32	0.3
	GX3/4	G 3/4	3/16 X 3/32	0.3
	GX13/16	G 13/16	3/16 X 3/32	0.3
	GX7/8	G 7/8	3/16 X 3/32	0.3
	GX15/16	G 15/16	1/4 X 1/8	0.2
	GX1	N/A	1/4 X 1/8	0.2
H	121129	H 3/8 kW	N/A	0.85
	121130	H 7/16 kW	N/A	0.82
	121131	H 1/2 kW	1/8 x 1/16	0.81
	121133	H 9/16 kW	1/8 x 1/16	0.8
	122050	H 5/8 kW	1/8 x 1/16	0.78
	121134	H 11/16 kW	1/8 x 1/16	0.76
	122051	H 3/4 kW	3/16 X 3/32	0.74
	121136	H 13/16 kW	3/16 X 3/32	0.7
	122052	H 7/8 kW	3/16 X 3/32	0.68
	121138	H 15/16 kW	3/16 X 3/32	0.66
	122053	H 1 kW	3/16 X 3/32	0.62
	121140	H 1-1/16 kW	3/16 X 3/32	0.59
	122054	H 1-1/8 kW	1/4 x 1/8	0.56
	122055	H 1-3/16 kW	1/4 x 1/8	0.52
	122056	H 1-1/4 kW	1/4 x 1/8	0.49
	121144	H 1-5/16 kW	5/16 x 1/16	0.44
	121145	H 1-3/8 kW	5/16 x 1/16	0.43
	121146	H 1-7/16 kW	5/16 x 1/16	0.38
	121147	H 1-1/2 kW	3/8 x 1/16	0.34
	121148	H 14mm kW	5 x 2.3mm	0.79
	121165	H 15mm kW	5 x 2.3mm	0.78
	121166	H 16mm kW	5 x 2.3mm	0.77
	121167	H 18mm kW	6 x 2.8mm	0.75
	121149	H 19mm kW	6 x 2.8mm	0.74
	121469	H 20mm kW	6 x 2.8mm	0.73
	121168	H 22mm kW	6 x 2.8mm	0.7
	121150	H 24mm kW	8 X 3.3mm	0.66
	121151	H 25mm kW	8 X 3.3mm	0.63
	151152	H 28mm kW	8 X 3.3mm	0.57
	121153	H 30mm kW	8 X 3.3mm	0.53
	121154	H 32mm kW	10 X 3.3mm	0.5
	121173	H 35mm kW	10 X 3.3mm	0.45
	121174	H 38mm kW	10 X 1.3mm	0.34
P1	P1X1/2	P1 1/2	1/8 X 1/16	2.5
	P1X9/16	P1 9/16	1/8 X 1/16	1.8
	P1X5/8	P1 5/8	3/16 X 3/32	2.4
	P1X21/32	P1 21/32	3/16 X 3/32	1.7
	P1X11/16	P1 11/16	3/16 X 3/32	1.7
	P1X3/4	P1 3/4	3/16 X 3/32	2.3
	P1X25/32	P1 25/32	3/16 X 3/32	1.6
	P1X13/16	P1 13/16	3/16 X 3/32	1.6
	P1X7/8	P1 7/8	3/16 X 3/32	2.2
	P1X15/16	P1 15/16	1/4 X 1/8	2.1
	P1X31/32	P1 31/32	1/4 X 1/8	1.5
	P1X1	P1 1	1/4 X 1/8	2.1
	P1X1-1/16	P1 1-1/16	1/4 X 1/8	1.4
	P1X1-1/8	P1 1-1/8	1/4 X 1/8	2.0
	P1X1-3/16	P1 1-3/16	1/4 X 1/8	1.9
	P1X1-1/4	P1 1-1/4	1/4 X 1/8	2.0
	P1X1-5/16	P1 1-5/16	5/16 X 5/32	1.2
	P1X1-3/8	P1 1-3/8	5/16 X 5/32	1.8
	P1X1-3/8kW3/8	P1 1-3/8kW3/8	3/8 X 3/16	1.1
	P1X1-7/16	P1 1-7/16	3/8 X 3/16	1.7
	P1X1-1/2	P1 1-1/2	3/8 X 3/16	0.9
P1	P1X1-9/16	P1 1-9/16	3/8 X 3/16	0.9
	P1X1-5/8	P1 1-5/8	3/8 X 3/16	0.8
	P1X1-11/16	P1 1-11/16	3/8 X 3/16	0.8
	P1X1-3/4	P1 1-3/4	3/8 X 3/16	0.7
P2	P2X3/4	P2 3/4	3/16 X 3/32	2.6
	P2X13/16	P2 13/16	3/16 X 3/32	2.2
	P2X7/8	P2 7/8	3/16 X 3/32	2.5
	P2X15/16	P2 15/16	1/4 X 1/8	2.0
	P2X1	P2 1	1/4 X 1/8	2.4
	P2X1-1/16	P2 1-1/16	1/4 X 1/8	1.9
	P2X1-1/8	P2 1-1/8	1/4 X 1/8	2.3
	P2X1-3/16	P2 1-3/16	1/4 X 1/8	1.7
	P2X1-1/4	P2 1-1/4	1/4 X 1/8	2.2
	P2X1-5/16	P2 1-5/16	5/16 X 5/32	1.5
	P2X1-3/8	P2 1-3/8	5/16 X 5/32	2.1
	P2X1-3/8kW3/8	P2 1-3/8kW3/8	3/8 X 3/16	1.4
	P2X1-7/16	P2 1-7/16	3/8 X 3/16	1.8
	P2X1-1/2	P2 1-1/2	3/8 X 3/16	1.6
	P2X1-9/16	P2 1-9/16	3/8 X 3/16	1.1
	P2X1-5/8	P2 1-5/8	3/8 X 3/16	1.5
	P2X1-11/16	P2 1-11/16	3/8 X 3/16	0.8
	P2X1-3/4	P2 1-3/4	3/8 X 3/16	1.4
B	BX1/2	B 1/2	1/8 X 7/16	3.7
	BX9/16	B 9/16	1/8 X 7/16	3.2
	BX5/8	B 5/8	3/16 X 3/32	3.6
	BX11/16	B 11/16	3/16 X 3/32	3.2
	BX3/4	B 3/4	3/16 X 3/32	3.5
	BX13/16	B 13/16	3/16 X 3/32	3.1
	BX7/8	B 7/8	3/16 X 3/32	3.5
	BX15/16	B 15/16	1/4 X 1/8	3.0
	BX1	B 1	1/4 X 1/8	3.4
	BX1-1/16	B 1-1/16	1/4 X 1/8	2.9
	BX1-1/8	B 1-1/8	1/4 X 1/8	3.3
	BX1-3/16	B 1-3/16	1/4 X 1/8	2.8
	BX1-1/4	B 1-1/4	1/4 X 1/8	3.2
	BX1-5/16	B 1-5/16	5/16 X 5/32	2.7
	BX1-3/8	B 1-3/8	5/16 X 5/32	2.6
	BX1-3/8kW3/8	B 1-3/8kW3/8	3/8 X 3/16	2.6
	BX1-7/16	B 1-7/16	3/8 X 3/16	2.5
	BX1-1/2	B 1-1/2	3/8 X 3/16	2.9
	BX1-9/16	B 1-9/16	3/8 X 3/16	2.4
	BX1-5/8	B 1-5/8	3/8 X 3/16	2.3
	BX1-11/16	N/A	3/8 X 3/16	2.2
	BX1-3/4	B 1-3/4	3/8 X 3/16	2.6
	BX1-13/16	B 1-13/16	1/2 X 1/4	2.1
	BX1-7/8	B 1-7/8	1/2 X 1/4	2.2
	BX1-15/16	B 1-15/16	1/2 X 1/4	1.9
	BX2	B 2	1/2 X 1/4	2.0
	BX2-1/16	B 2-1/16	1/2 X 1/4	1.7
	BX2-1/8	B 2-1/8	1/2 X 1/4	1.9
	BX2-3/16	B 2-3/16	1/2 X 1/4	1.5
	BX2-1/4	B 2-1/4	1/2 X 1/4	1.7
	BX2-5/16	B 2-5/16	5/8 X 5/16	1.2
	BX2-3/8	B 2-3/8	5/8 X 5/16	1.6
	BX2-7/16	B 2-7/16	5/8 X 5/16	1.4
Q1	Q1X5/8	Q1 5/8	3/16 X 3/32	4.8
	Q1X3/4	Q1 3/4	3/16 X 3/32	4.8
	Q1X13/16	Q1 13/16	3/16 X 3/32	4.7
	Q1X7/8	Q1 7/8	3/16 X 3/32	4.7
	Q1X15/16	Q1 15/16	1/4 X 1/8	4.6
	Q1X1	Q1 1	1/4 X 1/8	4.6
	Q1X1-1/16	Q1 1-1/16	1/4 X 1/8	4.5
	Q1X1-1/8	Q1 1-1/8	1/4 X 1/8	4.4
	Q1X1-3/16	Q1 1-3/16	1/4 X 1/8	4.3
	Q1X1-1/4	Q1 1-1/4	1/4 X 1/8	4.3

* Please contact Baldor for lead time and availability.

SPECIFICATION

BALDOR · DODGE®

BK² Bushings

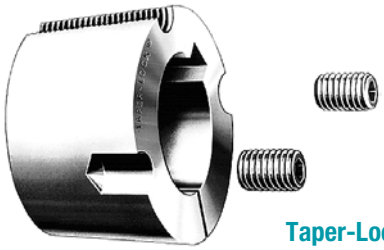
BK² BUSHINGS STANDARD STOCK BORES (INCHES)

	Part Number	Description	Keyseat	Weight
Q1	Q1X1-5/16	Q1 1-5/16	5/16 X 5/32	4.2
	Q1X1-3/8	Q1 1-3/8	5/16 X 5/32	4.1
	Q1X1-3/8kW3/8	Q1 1-3/8kW3/8	3/8 X 3/16	4.1
	Q1X1-7/16	Q1 1-7/16	3/8 X 3/16	4.0
	Q1X1-1/2	Q1 1-1/2	3/8 X 3/16	3.9
	Q1X1-9/16	Q1 1-9/16	3/8 X 3/16	3.8
	Q1X1-5/8	Q1 1-5/8	3/8 X 3/16	3.7
	Q1X1-11/16	Q1 1-11/16	3/8 X 3/16	3.6
	Q1X1-3/4	Q1 1-3/4	3/8 X 3/16	3.5
	Q1X1-13/16	Q1 1-13/16	1/2 X 1/4	3.4
	Q1X1-7/8	Q1 1-7/8	1/2 X 1/4	3.3
	Q1X1-15/16	Q1 1-15/16	1/2 X 1/4	3.2
	Q1X2	Q1 2	1/2 X 1/4	3.0
	Q1X2-1/16	Q1 2-1/16	1/2 X 1/4	2.9
	Q1X2-1/8	Q1 2-1/8	1/2 X 1/4	2.8
	Q1X2-3/16	Q1 2-3/16	1/2 X 1/4	2.6
	Q1X2-1/4	Q1 2-1/4	1/2 X 1/4	2.5
	Q1X2-5/16	Q1 2-5/16	5/8 X 5/16	2.3
	Q1X2-3/8	Q1 2-3/8	5/8 X 5/16	2.2
	Q1X2-7/16	Q1 2-7/16	5/8 X 5/16	2.0
	Q1X2-1/2	Q1 2-1/2	5/8 X 5/16	1.9
	Q1X2-9/16	Q1 2-9/16	5/8 X 5/16	1.7
	Q1X2-5/8	Q1 2-5/8	5/8 X 5/16	1.6
	Q1X2-11/16	Q1 2-11/16	5/8 X 5/16	1.5
Q2	Q2X1	Q2 1	1/4 X 1/8	5.9
	Q2X1-1/16	Q2 1-1/16	1/4 X 1/8	5.8
	Q2X1-1/8	Q2 1-1/8	1/4 X 1/8	5.7
	Q2X1-3/16	Q2 1-3/16	1/4 X 1/8	5.6
	Q2X1-1/4	Q2 1-1/4	1/4 X 1/8	5.5
	Q2X1-5/16	Q2 1-5/16	5/16 X 5/32	5.4
	Q2X1-3/8	Q2 1-3/8	5/16 X 5/32	5.2
	Q2X1-3/8kW3/8	Q2 1-3/8kW3/8	3/8 X 3/16	5.2
	Q2X1-7/16	Q2 1-7/16	3/8 X 3/16	5.1
	Q2X1-1/2	Q2 1-1/2	3/8 X 3/16	5.0
	Q2X1-9/16	Q2 1-9/16	3/8 X 3/16	4.9
	Q2X1-5/8	Q2 1-5/8	3/8 X 3/16	4.7
	Q2X1-11/16	Q2 1-11/16	3/8 X 3/16	4.6
	Q2X1-3/4	Q2 1-3/4	3/8 X 3/16	4.4
	Q2X1-13/16	Q2 1-13/16	1/2 X 1/4	4.3
	Q2X1-7/8	Q2 1-7/8	1/2 X 1/4	4.1
	Q2X1-15/16	Q2 1-15/16	1/2 X 1/4	3.9
	Q2X2	Q2 2	1/2 X 1/4	3.7
	Q2X2-1/16	Q2 2-1/16	1/2 X 1/4	3.6
	Q2X2-1/8	Q2 2-1/8	1/2 X 1/4	3.4
	Q2X2-3/16	Q2 2-3/16	1/2 X 1/4	3.2
	Q2X2-1/4	Q2 2-1/4	1/2 X 1/4	3.0
	Q2X2-5/16	Q2 2-5/16	5/8 X 5/16	2.8
	Q2X2-3/8	Q2 2-3/8	5/8 X 5/16	2.6
	Q2X2-7/16	Q2 2-7/16	5/8 X 5/16	2.3
	Q2X2-1/2	Q2 2-1/2	5/8 X 5/16	2.1
	Q2X2-9/16	Q2 2-9/16	5/8 X 5/16	1.9
	Q2X2-5/8	Q2 2-5/8	5/8 X 5/16	1.7
R1	R1X1-1/8	R1 1-1/8	1/4 X 1/8	10.1
	R1X1-3/16	R1 1-3/16	1/4 X 1/8	10.0
	R1X1-1/4	R1 1-1/4	1/4 X 1/8	9.9
	R1X1-5/16	R1 1-5/16	5/16 X 5/32	9.8
	R1X1-3/8	R1 1-3/8	5/16 X 5/32	9.7
	R1X1-3/8kW3/8	R1 1-3/8kW3/8	3/8 X 3/16	9.7
	R1X1-7/16	R1 1-7/16	3/8 X 3/16	9.6
	R1X1-1/2	R1 1-1/2	3/8 X 3/16	9.5
	R1X1-9/16	R1 1-9/16	3/8 X 3/16	9.4
	R1X1-5/8	R1 1-5/8	3/8 X 3/16	9.3
	R1X1-11/16	R1 1-11/16	3/8 X 3/16	9.2
	R1X1-3/4	R1 1-3/4	3/8 X 3/16	9.0

	Part Number	Description	Keyseat	Weight
R1	R1X1-13/16	R1 1-13/16	1/2 X 1/4	8.9
	R1X1-7/8	R1 1-7/8	1/2 X 1/4	8.8
	R1X1-15/16	R1 1-15/16	1/2 X 1/4	8.6
	R1X2	R1 2	1/2 X 1/4	8.5
	R1X2-1/16	R1 2-1/16	1/2 X 1/4	8.3
	R1X2-1/8	R1 2-1/8	1/2 X 1/4	8.2
	R1X2-3/16	R1 2-3/16	1/2 X 1/4	8.0
	R1X2-1/4	R1 2-1/4	1/2 X 1/4	7.9
	R1X2-5/16	R1 2-5/16	5/8 X 5/16	7.7
	R1X2-3/8	R1 2-3/8	5/8 X 5/16	7.5
	R1X2-7/16	R1 2-7/16	5/8 X 5/16	7.3
	R1X2-1/2	R1 2-1/2	5/8 X 5/16	7.2
	R1X2-9/16	R1 2-9/16	5/8 X 5/16	7.0
	R1X2-5/8	R1 2-5/8	5/8 X 5/16	8.8
	R1X2-11/16	R1 2-11/16	5/8 X 5/16	6.6
	R1X2-3/4	R1 2-3/4	5/8 X 5/16	6.4
	R1X2-13/16	R1 2-13/16	3/4 X 3/8	6.2
	R1X2-7/8	R1 2-7/8	3/4 X 3/8	6.0
	R1X2-15/16	R1 2-15/16	3/4 X 3/8	4.4
	R1X3	R1 3	3/4 X 3/8	5.6
	R1X3-1/16	R1 3-1/16	3/4 X 3/8	5.3
	R1X3-1/8	R1 3-1/8	3/4 X 3/8	5.1
	R1X3-3/16	R1 3-3/16	3/4 X 3/8	4.9
	R1X3-1/4	R1 3-1/4	3/4 X 3/8	4.6
	R1X3-3/8	R1 3-3/8	7/8 X 7/16	4.2
	R1X3-7/16	R1 3-7/16	7/8 X 7/16	3.9
	R1X3-1/2	R1 3-1/2	7/8 X 7/16	3.6
	R1X3-5/8	R1 3-5/8	7/8 X 7/16	3.1
	R1X3-11/16	R1 3-11/16	7/8 X 7/16	2.9
	R1X3-3/4	R1 3-3/4	7/8 X 7/16	2.6
R2	R2X1-3/8	R2 1-3/8	5/16 X 5/32	14.9
	R2X1-7/16	R2 1-7/16	3/8 X 3/16	14.7
	R2X1-1/2	R2 1-1/2	3/8 X 3/16	14.5
	R2X1-9/16	R2 1-9/16	3/8 X 3/16	14.4
	R2X1-5/8	R2 1-5/8	3/8 X 3/16	14.2
	R2X1-11/16	R2 1-11/16	3/8 X 3/16	13.9
	R2X1-3/4	R2 1-3/4	3/8 X 3/16	13.7
	R2X1-13/16	R2 1-13/16	1/2 X 1/4	13.5
	R2X1-7/8	R2 1-7/8	1/2 X 1/4	13.3
	R2X1-15/16	R2 1-15/16	1/2 X 1/4	13.0
	R2X2	R2 2	1/2 X 1/4	12.8
	R2X2-1/16	R2 2-1/16	1/2 X 1/4	12.5
	R2X2-1/8	R2 2-1/8	1/2 X 1/4	12.3
	R2X2-3/16	R2 2-3/16	1/2 X 1/4	12.0
	R2X2-1/4	R2 2-1/4	1/2 X 1/4	11.7
	R2X2-5/16	R2 2-5/16	5/8 X 5/16	11.5
	R2X2-3/8	R2 2-3/8	5/8 X 5/16	11.2
	R2X2-7/16	R2 2-7/16	5/8 X 5/16	10.2
	R2X2-1/2	R2 2-1/2	5/8 X 5/16	10.6
	R2X2-9/16	R2 2-9/16	5/8 X 5/16	10.2
	R2X2-5/8	R2 2-5/8	5/8 X 5/16	9.9
	R2X2-11/16	R2 2-11/16	5/8 X 5/16	9.6
	R2X2-3/4	R2 2-3/4	5/8 X 5/16	9.4
	R2X2-13/16	R2 2-13/16	3/4 X 3/8	8.9
	R2X2-7/8	R2 2-7/8	3/4 X 3/8	8.6
	R2X2-15/16	R2 2-15/16	3/4 X 3/8	8.5
	R2X3	R2 3	3/4 X 3/8	7.8
	R2X3-1/8	R2 3-1/8	3/4 X 3/8	7.1
	R2X3-3/16	R2 3-3/16	3/4 X 3/8	6.7
	R2X3-1/4	R2 3-1/4	3/4 X 3/8	6.3
	R2X3-3/8	R2 3-3/8	7/8 X 7/16	8.0
	R2X3-7/16	R2 3-7/16	7/8 X 7/16	7.7
	R2X3-1/2	R2 3-1/2	7/8 X 7/16	7.7
	R2X3-5/8	R2 3-5/8	7/8 X 7/16	7.5

BALDOR · DODGE®

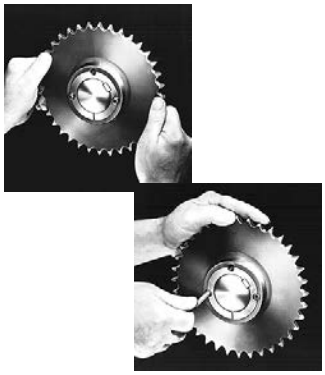
Taper-Lock® Bushings



Taper-Lock keyway-type bushing

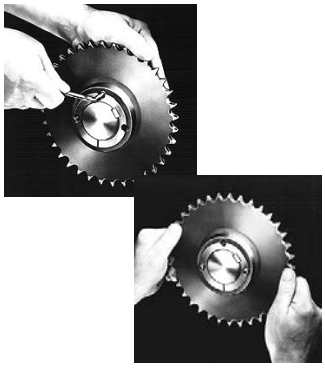
- Clean, compact design
- An industry standard for over 40 years
- Easy-on, easy-off
- 8° taper-grips tight, holds tight, runs true, no wobble
- Total system concept: bushings, hubs, adapters and products
- World-wide acceptance and availability
- Flush mounting-no protruding parts

Simple Mounting



Easy On

- Insert bushing into sprocket
- Match holes (not threads).
- Put screws into holes that are farthest apart
- Slip entire unit onto shaft
- Set drive alignment and tighten screws

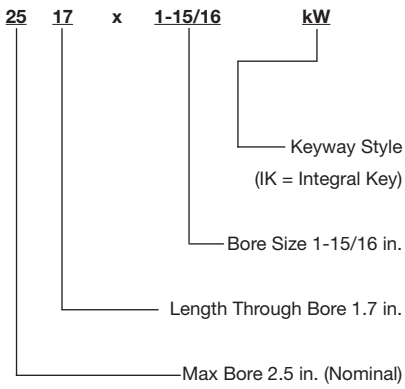


Easy Off

- Take both screws out entirely
- Insert one screw into hole that is threaded in the bushing only
- Use as jackscrew to disengage bushing

Example Nomenclature

Taper-Lock Bushing

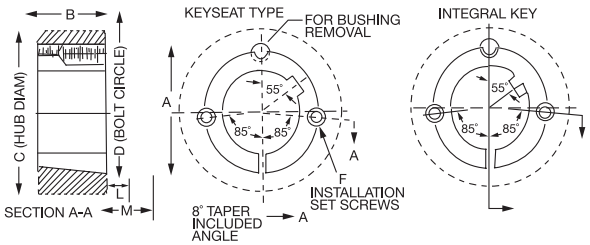


Important!
Do not use lubricants or anti-seize compounds on tapered bore, bushing suitcase, shaft or screws. Complete installation instructions are available on www.baldor.com.

SPECIFICATION

BALDOR · DODGE

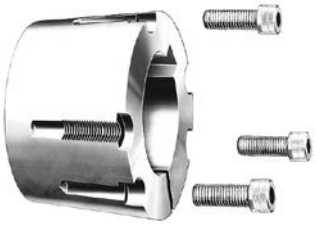
Taper-Lock® Bushings - Dimensions

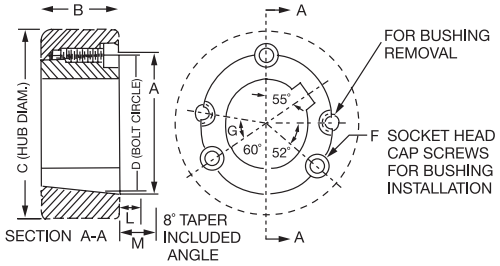


DIMENSIONS FOR 1008 THROUGH 3030 TAPER-LOCK BUSHINGS

Bush No.	Ratings (lb.-in.)		A	B	C Hub Dia. ■		D	F †		L ●		M ★	
	Torque Capacity ◆	Wrench Torque Install Screws			CL 30	Steel		Qty.	Size	Std. Hex Key	Short Key ▲	Std. Hex Key	Short Key ▲
1008	1200	55	1.39	0.87	2.19	1.94	1.33	2	1/4 X 1/2	1.13	0.63	1.25	0.75
1108	1300	55	1.51	0.87	2.31	2.06	1.45	2	1/4 X 1/2	1.13	0.63	1.25	0.75
1210	3600	175	1.87	1.00	3.25	2.88	1.75	2	3/8 X 5/8	1.38	0.81	1.63	1.10
1215	3550	175	1.87	1.50	2.88	2.63	1.75	2	3/8 X 5/8	1.38	0.81	1.63	1.10
1310	3850	175	2.00	1.00	3.38	3.00	1.88	2	3/8 X 5/8	1.38	0.81	1.63	1.10
1610	4300	175	2.25	1.00	3.63	3.25	2.13	2	3/8 X 5/8	1.38	0.81	1.63	1.10
1615	4300	175	2.25	1.50	3.25	3.00	2.13	2	3/8 X 5/8	1.38	0.81	1.63	1.10
2012	7150	280	2.75	1.25	4.38	3.88	2.63	2	7/16 X 7/8	1.56	0.94	2.00	1.38
2517	11600	430	3.38	1.75	4.88	4.38	3.25	2	1/2 X 1	1.63	1.00	2.25	1.63
2525	11300	430	3.38	2.50	4.50	4.25	3.25	2	1/2 X 1	1.63	1.00	2.25	1.63
3020	24000	800	4.25	2.00	6.25	5.63	4.00	2	5/8 X 1-1/4	1.81	1.19	2.69	2.10
3030	24000	800	4.25	3.00	5.75	5.38	4.00	2	5/8 X 1-1/4	1.81	1.19	2.69	2.10

3535 Through 5050 Size





DIMENSIONS FOR 3525 THROUGH 5050 TAPER-LOCK BUSHINGS

Bush No.	Ratings (lb.-in.)		A	B	C Hub Dia. ■		D	F †		G	L ●		M ★	
	Torque Capacity ◆	Wrench Torque Install Screws			CL 30	Steel		Qty.	Size		Std. Hex Key	Short Key ▲	Std. Hex Key	Short Key ▲
3525	44800	1000	5.00	2.50	7.00	6.50	4.83	3	1/2 X 1-1/2	39	2.00	1.31	3.38	2.69
3535	44800	1000	5.00	3.50	7.00	6.50	4.83	3	1/2 X 1-1/2	39	2.00	1.31	3.38	2.69
4030	77300	1700	5.75	3.00	8.50	7.75	5.54	3	5/8 X 1-3/4	39	2.39	1.63	4.13	3.38
4040	77300	1700	5.75	4.00	8.50	7.75	5.54	3	5/8 X 1-3/4	40	2.39	1.63	4.13	3.38
4535	110000	2450	6.38	3.50	9.50	8.75	6.13	3	3/4 X 2	40	2.63	1.94	4.75	4.10
4545	110000	2450	6.38	4.50	9.50	8.75	6.13	3	3/4 X 2	40	2.63	1.94	4.75	4.10
5040	126000	3100	7.00	4.00	10.50	9.50	6.72	3	7/8 X 2-1/4	37	2.81	2.31	5.25	4.81
5050	126000	3100	7.00	5.00	10.50	9.50	6.72	3	7/8 X 2-1/4	37	2.81	2.31	5.25	4.81

Note: For dimensions required for machining hubs, consult factory.

■ Hub diameter required depends on the application. Hub diameter shown is based on 30,000 P.S.I. minimum ultimate tensile strength.

◆ **Important:** refer to service factor information on page 26.

● Space required to tighten bushing. Also space required to loosen screws to permit removal of hub by puller.

★ Space required to remove bushing using jackscrews-no puller required.

▲ Standard hex key cut to minimum usable length.

† Use in position shown in drawing above for tightening bushing on shaft. When loosening bushing remove screws and use all except one in the other holes.

Note: Installation and maintenance instructions for Dodge products available at www.baldor.com

Taper-Lock® Bushings - Stock Bore

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
1008	1/2	**119176**	0.3	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119177**	0.3			
	5/8	**117073**	0.3	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	11/16	**119179**	0.2			
	3/4	**117150**	0.2			
	13/16	**119181**	0.2			
	7/8	**117074**	0.2			
	15/16 #	**119183**	0.2	1/4 x 1/16	1/4 x 1/8	1/4 x 3/16 Δ
	1 #	**117151**	0.2			
	14mm	**119565**	0.3	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119566**	0.3			
	18mm	**119575**	0.3	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119569**	0.3			
	20mm	**119576**	0.3			
	22mm	**119577**	0.2			
	24mm	**119567**	0.2	8 x 1.3mm	8 x 4mm	8 X 7mm
	25mm	**119568**	0.2			
1108	1/2	**119365**	0.3	1/8 x 1/4	1/8 x 1/4	1/8 x 1/8
	9/16	**119366**	0.3			
	5/8	**117075**	0.3	–	3/16 x 3/32	3/16 x 3/16
	11/16	**119368**	0.2	–		
	3/4	**117152**	0.2	3/16 x 3/32		
	13/16	**119370**	0.2	–		
	7/8	**117076**	0.2	–		
	15/16	**119372**	0.2	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**117153**	0.2			
	1-1/16 #	**119374**	0.2	1/4 x 1/16	1/4 x 1/8	1/4 x 3/16 Δ
	1-1/8 #	**117077**	0.1			
	14mm	**119651**	0.3	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119652**	0.3			
	18mm	**119653**	0.3	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119570**	0.3			
	20mm	**119579**	0.3			
	22mm	**119580**	0.3			
	24mm	**119581**	0.2	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119582**	0.2			
1210	1/2	**119191**	0.6	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119192**	0.6			
	5/8	**117078**	0.6	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	11/16	**119194**	0.5			
	3/4	**117155**	0.5			
	13/16	**119196**	0.5			
	7/8	**117079**	0.5			
	15/16	**119198**	0.5	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**117155**	0.5			
	1-1/16	**119200**	0.4			
	1-1/8	**117080**	0.4			
	1-3/16	**117156**	0.4			
	1-1/4	**117157**	0.4			
	14mm	**119583**	0.6	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119654**	0.6			
	18mm	**119584**	0.5	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119571**	0.5			
	20mm	**119585**	0.5			
	22mm	**119655**	0.5			
	24mm	**119586**	0.5	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119587**	0.4			
	28mm	**119588**	0.4			
	30mm	**119589**	0.4			
	32mm	**119590**	0.4	10 X 3.3mm	10 X 5mm	10 X 8mm

Δ Key furnished for these sizes ONLY

\+ These sizes are STEEL

\# Refer to torque capacity ratings on page 20. If service factor of 2.0 or greater is required consult Baldor.

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
1215	1/2	**119001**	0.9	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119002**	0.9			
	5/8	**119003**	0.8	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	11/16	**119004**	0.8			
	3/4	**119005**	0.8			
	13/16	**119006**	0.8			
	7/8	**119007**	0.8			
	15/16	**119008**	0.8	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**119009**	0.7			
	1-1/16	**119010**	0.6			
	1-1/8	**119011**	0.6			
	1-3/16	**119012**	0.5			
	1-1/4	**119013**	0.5			
1310	1/2	**119390**	0.7	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119391**	0.7			
	5/8	**119392**	0.7	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	11/16	**119393**	0.7			
	3/4	**119394**	0.7			
	13/16	**119395**	0.7			
	7/8	**119396**	0.7			
	15/16	**119397**	0.6	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**119398**	0.6			
	1-1/16	**119399**	0.6			
	1-1/8	**119400**	0.6			
	1-3/16	**119401**	0.6			
	1-1/4	**119402**	0.6			
	1-5/16 #	**119403**	0.6	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8 #	**119404**	0.6			
	1-7/16 +	**119438**	0.6	3/8 x 1/8	3/8 x 3/16	3/8 x 5/16 Δ
	14mm	**119656**	0.7	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119657**	0.7			
	18mm	**119658**	0.7	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119572**	0.7			
	20mm	**119659**	0.6			
	22mm	**119660**	0.6			
	24mm	**119591**	0.6	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119592**	0.5			
	28mm	**119593**	0.5			
	30mm	**119594**	0.5			
	32mm	**119595**	0.4	10 X 3.3mm	10 X 5mm	10 X 8mm
	35mm	**119596**	0.4			
1610	1/2	**119211**	0.9	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119212**	0.9			
	5/8	**117081**	0.9	–	–	–
	11/16	**119214**	0.9	–	–	–
	3/4	**117158**	0.9	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	13/16	**119216**	0.9	–	–	–
	7/8	**117082**	0.8	–	–	–
	15/16	**117083**	0.8	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**117159**	0.8			
	1-1/16	**119220**	0.8			
	1-1/8	**117084**	0.7			
	1-3/16	**117160**	0.7			
	1-1/4	**117161**	0.7			
	1-5/16	**119224**	0.6	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**117085**	0.6			
	1-7/16	**117162**	0.6	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**117163**	0.5			
	1-9/16 #	**119228**	0.5	3/8 x 1/8	3/8 x 3/16	3/8 x 5/16 Δ
	1-5/8 #	**117086**	0.5			
	1-11/16 +	**117071**	0.5			
	14mm	**119661**	0.9	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119662**	0.9			

SPECIFICATION

BALDOR · DODGE®

Taper-Lock® Bushings - Stock Bore

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
1610 (Con't.)	18mm	**119663**	0.9	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119573**	0.8			
	20mm	**119598**	0.8			
	22mm	**119236**	0.8			
	24mm	**119599**	0.8	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119600**	0.7			
	28mm	**119601**	0.7			
	30mm	**119602**	0.7			
	32mm	**119603**	0.6	10 X 3.3mm	10 X 5mm	10 X 8mm
	35mm	**119604**	0.6			
	38mm	**119605**	0.5			
	40mm	**119606**	0.5	12 X 3.3mm	12 X 5mm	12 X 8mm
	42mm +	**393002**	0.5			
1615	1/2	**119040**	1.3	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119041**	1.3			
	5/8	**119042**	1.3	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	11/16	**119043**	1.2			
	3/4	**119044**	1.2			
	13/16	**119045**	1.2			
	7/8	**119046**	1.1			
	15/16	**119047**	1.1	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**119048**	1.1			
	1-1/16	**119049**	1			
	1-1/8	**119050**	1			
	1-3/16	**119051**	1			
	1-1/4	**119052**	0.9			
	1-5/16	**119053**	0.8	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**119054**	0.8			
	1-7/16	**119055**	0.7	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**119056**	0.7			
	1-9/16 #	**119057**	0.7	3/8 x 1/8	3/8 x 3/16	3/8 x 5/16 Δ
	1-5/8 #	**119058**	0.6			
	1-11/16 +	**119068**	0.6			
	25mm	**119039**	0.7	8 X 3.3mm	8 X 4mm	8 X 7mm
	35mm	**119038**	0.7	10 X 3.3mm	10 X 5mm	10 X 8mm
2012	1/2	**119241**	1.7	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	9/16	**119242**	1.7			
	5/8	**117087**	1.7	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	11/16	**119244**	1.7			
	3/4	**117088**	1.7			
	13/16	**119246**	1.7			
	7/8	**117089**	1.6			
	15/16	**119248**	1.6	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**117164**	1.6			
	1-1/16	**119250**	1.6			
	1-1/8	**117090**	1.5			
	1-3/16	**117165**	1.5			
	1-1/4	**117166**	1.4			
	1-5/16	**119254**	1.3	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**117091**	1.2			
	1-7/16	**117167**	1.2	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**117168**	1.2			
	1-9/16	**119258**	1.2			
	1-5/8	**117092**	1.2			
	1-11/16	**117093**	1.1			
	1-3/4	**117094**	1			
	1-13/16	**119262**	1	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-7/8	**117095**	0.9			

Δ Key furnished for these sizes ONLY
\+ These sizes are STEEL
\# Refer to torque capacity ratings on page 20. If service factor of 2.0 or greater is required consult Baldor.

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
2012 (Con't.)	1-15/16 #	**117169**	0.9	1/2 x 3/16	1/2 x 1/4	1/2 x 7/16 Δ
	2 #	**117170**	0.9			
	2-1/8 +	**117177**	0.9			
	14mm	**119664**	1.7	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119665**	1.7			
	18mm	**119666**	1.6	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119574**	1.6			
	20mm	**119607**	1.6			
	22mm	**119667**	1.6			
	24mm	**119608**	1.5	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119609**	1.5			
	28mm	**119610**	1.5			
	30mm	**119611**	1.4			
	32mm	**119612**	1.4	10 X 3.3mm	10 X 5mm	10 X 8mm
	35mm	**119613**	1.3			
	38mm	**119614**	1.3			
	40mm	**119615**	1.2	12 X 3.3mm	12 X 5mm	12 X 8mm
	42mm	**119616**	1.1			
	45mm	**119617**	1	14 X 3.8mm	14 X 5.5mm	14 X 9mm
	48mm	**119668**	0.9			
2517	1/2	**119100**	3.7	1/8 x 1/16	1/8 x 1/16	1/8 x 1/8
	5/8	**119102**	3.6	–	–	–
	11/16	**119103**	3.5	–	–	–
	3/4	**119104**	3.4	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	13/16	**119105**	3.4	–	–	–
	7/8	**119106**	3.3	–	–	–
	15/16	**119107**	3.3	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**119108**	3.3			
	1-1/16	**119109**	3.2			
	1-1/8	**119110**	3.2			
	1-3/16	**119111**	3.2			
	1-1/4	**119112**	3.2			
	1-5/16	**119113**	3.1	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**119114**	3.1			
	1-7/16	**119115**	3	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**119116**	2.9			
	1-9/16	**119117**	2.9			
	1-5/8	**119118**	2.8			
	1-11/16	**119119**	2.8			
	1-3/4	**119120**	2.7			
	1-13/16	**119121**	2.6	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-7/8	**119122**	2.5			
	1-15/16	**117173**	2.4			
	2	**117174**	2.3			
	2-1/16	**119125**	2.3			
	2-1/8	**117096**	2.2			
	2-3/16	**117175**	2.1			
	2-1/4	**117097**	2			
	2-5/16	**119129**	1.9	5/8 x 3/16	5/8 x 5/16	5/8 x 1/2 Δ
	2-3/8	**117098**	1.9			
	2-7/16 #	**117176**	1.8			
	2-1/2 #	**117099**	1.8			
	2-5/8 +	**117111**	1.8			
	2-11/16 +	**117115**	1.8			
	14mm	**119669**	3.6	5 x 2.3mm	5 x 5.3mm	5 x 5mm
	16mm	**119670**	3.6			
	18mm	**119671**	3.5	6 x 2.8mm	6 x 3.5mm	6 x 6mm
	19mm	**119672**	3.4			
	20mm	**119618**	3.4			
	22mm	**119619**	3.3			
	24mm	**119620**	3.3	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119621**	3.2			
	28mm	**119622**	3.1			
	30mm	**119623**	3.1			

Taper-Lock® Bushings - Stock Bore

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
2517 (Con't.)	32mm	**119624**	3	10 X 3.3mm	10 X 5mm	10 X 8mm
	35mm	**119625**	2.9			
	38mm	**119626**	2.9			
	40mm	**119627**	2.8	12 X 3.3mm	12 X 5mm	12 X 8mm
	42mm	**119628**	2.6			
	45mm	**119629**	2.5	14 X 3.8mm	14 X 5.5mm	14 X 9mm
	48mm	**119630**	2.4			
	50mm	**119640**	2.3			
	55mm	**119641**	2	16 X 4.3mm	16 X 6mm	16 X 10mm
	60mm	**119642**	1.7	18 X 4.4mm	18 X 7mm	18 X 11mm
	65mm	**119643**	1.4			
2525	3/4	**119304**	4.9	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	7/8	**119306**	4.8			
	15/16	**119307**	4.8	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**119308**	4.8			
	1-1/8	**119310**	4.6			
	1-3/16	**119311**	4.5			
	1-1/4	**119312**	4.4			
	1-3/8	**119314**	4.2	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-7/16	**119315**	4.2	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**119316**	4			
	1-5/8	**119318**	3.8			
	1-11/16	**119319**	3.8			
	1-3/4	**119320**	3.7			
	1-13/16	**119321**	3.2	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-7/8	**119322**	3.4			
	1-15/16	**119323**	3.2			
	2	**119324**	3.1			
	2-1/8	**119326**	2.9			
	2-3/16	**119327**	2.5			
	2-1/4	**119328**	2.3	5/8 x 3/16	5/8 x 5/16	5/8 x 1/2 Δ
	2-5/16	**119329**	2			
	2-3/8	**119330**	2			
	2-7/16	**119331**	2			
	2-1/2	**119332**	2			
3020	7/8	**117103**	6.5	3/16 x 3/32	3/16 x 3/32	3/16 x 3/16
	15/16	**117101**	6.5	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**117102**	6.5			
	1-1/8	**117104**	6.4			
	1-3/16	**117105**	6.4			
	1-1/4	**117106**	6.3			
	1-5/16	**117107**	6.1	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**117108**	6			
	1-7/16	**117109**	6	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**117110**	5.9			
	1-9/16	**117135**	5.9			
	1-5/8	**117112**	5.9			
	1-11/16	**117113**	5.7			
	1-3/4	**117114**	5.6			
	1-13/16	**117136**	5.5	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-7/8	**117116**	5.4			
	1-15/16	**117117**	5.3			
	2	**117118**	5.2			
	2-1/16	**117119**	5			
	2-1/8	**117120**	5			
	2-3/16	**117121**	4.9			
	2-1/4	**117122**	4.8			
	2-5/16	**117137**	4.6	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-3/8	**117124**	4.5			
	2-7/16	**117125**	4.4			

Δ Key furnished for these sizes ONLY

\+ These sizes are STEEL

\# Refer to torque capacity ratings on page 20. If service factor of 2.0 or greater is required consult Baldor.

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
3020 (Con't.)	2-1/2	**117126**	4.3	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-5/8	**117128**	4			
	2-11/16	**117129**	3.9			
	2-3/4	**117130**	3.7			
	2-13/16	**117139**	3.7	3/4 x 1/4	3/4 x 3/8	3/4 x 5/8 Δ
	2-7/8	**117132**	3.6			
	2-15/16 #	**117133**	3.6			
	3 #	**117134**	3.4			
	3-1/8 +	**117178**	3.3			
	3-3/16 +	**117179**	3.3			
	3-1/4 +	**117180**	3.3			
	24mm	**119673**	6.5	8 X 3.3mm	8 X 4mm	8 X 7mm
	25mm	**119674**	6.5			
	28mm	**119675**	6.4			
	30mm	**119676**	6.4			
	32mm	**119677**	6.3	–	–	–
	35mm	**119678**	6	10 X 3.3mm	10 X 5mm	10 X 8mm
	38mm	**119679**	5.9	–	–	–
	40mm	**119680**	5.9	12 X 3.3mm	12 X 5mm	12 X 8mm
	42mm	**119681**	5.8			
	45mm	**119682**	5.6	–	–	–
	48mm	**119644**	5.5	14 X 3.8mm	14 X 5.5mm	14 X 9mm
	50mm	**119645**	5.2	–	–	–
	55mm	**119646**	5	16 X 4.3mm	16 X 6mm	16 X 10mm
	60mm	**119647**	4.9	18 X 4.4mm	18 X 7mm	18 X 11mm
	65mm	**119648**	4.3			
	70mm	**119649**	3.7	20 X 4.9mm	20 X 7.5mm	20 X 12mm
	75mm	**119650**	3.5			
	80mm +	**117721**	4	22 X 5.4mm	22 X 9mm	22 X 14mm
3030	15/16	**117004**	10	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1	**117005**	9.4			
	1-1/8	**117007**	9.4			
	1-3/16	**117008**	9.2			
	1-1/4	**117009**	9			
	1-5/16	**117010**	8.9	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**117011**	8.8			
	1-7/16	**117012**	8.6	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**117013**	8.5			
	1-9/16	**117014**	8.4			
	1-5/8	**117015**	8.2			
	1-11/16	**117016**	8			
	1-3/4	**117017**	7.8			
	1-13/16	**117018**	7.6	–	–	–
	1-7/8	**117019**	7.5	–	–	–
	1-15/16	**117020**	7.4	–	–	–
	2	**117021**	7.3	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	2-1/16	**117022**	7.2	–	–	–
	2-1/8	**117023**	7.1	–	–	–
	2-3/16	**117024**	6.9	–	–	–
	2-1/4	**117025**	6.7	–	–	–
	2-5/16	**117026**	6.6	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-3/8	**117027**	6.4			
	2-7/16	**117028**	6.2			
	2-1/2	**117029**	6.1			
	2-5/8	**117031**	6			
	2-11/16	**117032**	5.9			
	2-3/4	**117033**	5.6			
	2-7/8	**117035**	5.3	–	–	–
	2-15/16 #	**117036**	5	–	–	–
	3 #	**117037**	4.9	3/4 x 1/8	3/4 x 3/8	3/4 x 1/2 Δ
	3-1/8 +	**117181**	4.7	–	–	–
	3-3/16 +	**117182**	4.7	–	–	–
	3-1/4 +	**117183**	4.7	3/4 x 1/4	3/4 x 3/8	3/4 x 5/8 Δ
	28mm	**119808**	9.4	8 X 3.3mm	8 X 4mm	8 X 7mm
	32mm	**119809**	9	10 X 3.3mm	10 X 5mm	10 X 8mm
	38mm	**119810**	8.4			
	48mm	**119811**	7.6	14 X 3.8mm	14 X 5.5mm	14 X 9mm

SPECIFICATION

BALDOR · DODGE®

Taper-Lock® Bushings - Stock Bore

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
3030 (Con't.)	55mm	**119812**	6.9	16 X 4.3mm	16 X 6mm	16 X 10mm
	60mm	**119813**	6.4	18 X 4.4mm	18 X 7mm	18 X 11mm
	80mm +	**119895**	4	22 X 5.4mm	22 X 9mm	22 X 14mm
3525	1-3/16	**119702**	16	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1-1/4	**119703**	14.6			
	1-5/16	**119791**	14.6	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-3/8	**119704**	14.3			
	1-7/16	**119734**	14.2	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**119705**	14			
	1-9/16	**119792**	14			
	1-5/8	**119735**	14			
	1-11/16	**119706**	13.9			
	1-3/4	**119707**	13.4			
	1-13/16	**119793**	13.3	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-7/8	**119708**	13.2			
	1-15/16	**119709**	13			
	2	**119710**	13			
	2-1/8	**119711**	12.6			
	2-3/16	**119712**	12.4			
	2-1/4	**119713**	12.3			
	2-5/16	**119736**	12.2	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-3/8	**119714**	12			
	2-7/16	**119715**	11.7			
	2-1/2	**119716**	11.5			
	2-9/16	**119795**	11.4			
	2-5/8	**119717**	11.1			
	2-11/16	**119718**	10.7			
	2-3/4	**119719**	10.4			
	2-13/16	**119796**	10.3	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	2-7/8	**119720**	10.1			
	2-15/16	**119721**	10.5			
	3	**119722**	9.5			
	3-1/16	**119797**	9.4			
	3-1/8	**119723**	9.3			
	3-3/16	**119724**	8.6			
	3-1/4	**119725**	8.8			
	3-5/16	**119737**	8.6	7/8 x 1/8	7/8 x 7/16	7/8 x 9/16 Δ
	3-3/8	**119726**	8.5	7/8 x 3/16	7/8 x 7/16	7/8 x 5/8 Δ
	3-7/16	**119727**	8.2			
	3-1/2	**119728**	8			
	3-9/16	**119798**	8			
	3-5/8 #	**119729**	7.9			
	3-11/16 #	**119730**	7.9			
	3-3/4 #	**119731**	7.9			
	3-13/16 #	**119799**	7.9	1 x 1/4	1 x 1/2	1 x 3/4 Δ
	3-7/8 #	**119732**	7.9			
	3-15/16 #	**119733**	7.9			
3535	1-3/16	**117207**	15.2	1/4 x 1/8	1/4 x 1/8	1/4 x 1/4
	1-1/4	**117208**	14.9			
	1-3/8	**117209**	14.8	5/16 x 5/32	5/16 x 5/32	5/16 x 5/16
	1-7/16	**117210**	14.6	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**117211**	14.4			
	1-5/8	**117212**	14.1			
	1-11/16	**117213**	14			
	1-3/4	**117214**	14			
	1-7/8	**117215**	13.6	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-15/16	**117216**	13.4			
	2	**117217**	13.1			
	2-1/8	**117218**	12.6			
	2-3/16	**117219**	12.4			
	2-1/4	**117220**	12.2			

Δ Key furnished for these sizes ONLY
\+ These sizes are STEEL
\# Refer to torque capacity ratings on page 20. If service factor of 2.0 or greater is required consult Baldor.

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
3535 (Con't.)	2-5/16	**117237**	12	5/8 x 5/16	–	–
	2-3/8	**117221**	11.7		–	–
	2-7/16	**117222**	11.7		–	–
	2-1/2	**117223**	11		5/8 x 5/16	5/8 x 5/8
	2-5/8	**117224**	10.9		–	–
	2-11/16	**117225**	10.7		–	–
	2-3/4	**117226**	10		–	–
	2-7/8	**117227**	9.8	3/4 x 3/8	–	–
	2-15/16	**117228**	9.7		–	–
	3	**117229**	9.2		3/4 x 3/8	3/4 x 3/4
	3-1/8	**117230**	9.2		–	–
	3-3/16	**117231**	8.8		–	–
	3-1/4	**117232**	8.7		–	–
	3-5/16	**117236**	8.6	7/8 x 1/8	7/8 x 7/16	7/8 x 9/16 Δ
	3-3/8	**117233**	8.7	–	–	–
	3-7/16	**117234**	8.3	7/8 x 3/16	7/8 x 7/16	7/8 x 5/8 Δ
	3-1/2	**117235**	8			
	3-5/8 #	**117707**	7.1	7/8 x 1/4	7/8 x 7/16	7/8 x 11/16 Δ
	3-11/16 #	**117708**	6.8	7/8 x 3/16	7/8 x 7/16	7/8 x 5/8 Δ
	3-3/4 #	**117709**	6.4			
	3-7/8 #	**117710**	6	1 x 1/4	1 x 1/2	1 x 3/4 Δ
	3-15/16 #	**117703**	5.6			
	32mm	**119814**	14.6	10 X 3.3mm	10 X 5mm	10 X 8mm
	38mm	**119815**	14			
	48mm	**119816**	13.2	14 X 3.8mm	14 X 5.5mm	14 X 9mm
	50mm	**117738**	13			
	55mm	**119817**	11.1	16 X 4.3mm	16 X 6mm	16 X 10mm
	60mm	**119683**	11.1	18 X 4.4mm	18 X 7mm	18 X 11mm
	65mm	**117737**	11			
	75mm	**117722**	10	20 X 4.9mm	20 X 7.5mm	20 X 12mm
	80mm	**117297**	10	22 X 5.4mm	22 X 9mm	22 X 14mm
	85mm	**393170**	10	–	–	–
	90mm	**426013**	10	25 X 5.4mm	25 X 9mm	25 x 14mm
	95mm	**426013**	10			
4030	1-7/16	**119738**	24	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**119739**	22			
	1-9/16	**119770**	21.9			
	1-5/8	**119740**	21.8			
	1-11/16	**119771**	21.5			
	1-3/4	**119772**	21.2			
	1-13/16	**119773**	21	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-7/8	**119774**	20.9			
	1-15/16	**119775**	20.7			
	2	**119741**	20.6			
	2-1/16	**119776**	20.6			
	2-1/8	**119742**	20.7			
	2-3/16	**119743**	20.4			
	2-1/4	**119744**	20.1			
	2-5/16	**119777**	20	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-3/8	**119745**	19.5			
	2-7/16	**119746**	19.3			
	2-1/2	**119778**	19.2			
	2-9/16	**119779**	19.1			
	2-5/8	**119747**	19			
	2-11/16	**119780**	18.4			
	2-3/4	**119748**	17.7			
	2-13/16	**119781**	17.5	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	2-7/8	**119749**	17.2			
	2-15/16	**119750**	17.2			
	3	**119751**	17			
	3-1/16	**119782**	16.8			
	3-1/8	**119752**	16.5			
	3-3/16	**119783**	15.9			
	3-1/4	**119753**	15.4			

Taper-Lock® Bushings - Stock Bore

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
4030 (Con't.)	3-5/16	**119784**	14.9	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3-3/8	**119754**	14.6			
	3-7/16	**119755**	14.1			
	3-1/2	**119756**	13.4			
	3-9/16	**119785**	13.3			
	3-5/8	**119757**	13.2			
	3-11/16	**119786**	13			
	3-3/4	**119758**	12.7	7/8 x 3/16	7/8 x 7/16	7/8 x 5/8 Δ
	3-13/16	**119787**	12.7	1 x 1/2	1 x 1/2	1 x 1
	3-7/8	**119759**	12.6	1 x 1/4	1 x 1/2	1 x 3/4 Δ
	3-15/16	**119760**	12.6			
	4	**119761**	12.6			
	4-1/8 #	**119788**	12.6			
	4-3/16 #	**119762**	12.6			
	4-1/4 #	**119763**	12.6			
	4-3/8 #	**119764**	12.6			
	4-7/16 #	**119765**	11.8			
4040	1-7/16	**117310**	24	3/8 x 3/16	3/8 x 3/16	3/8 x 3/8
	1-1/2	**117311**	22			
	1-5/8	**117312**	22			
	1-11/16	**117313**	21.9			
	1-3/4	**117314**	21.9			
	1-7/8	**117315**	21	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	1-15/16	**117316**	21.2			
	2	**117317**	21.1			
	2-1/8	**117318**	20.6			
	2-3/16	**117319**	20.3			
	2-1/4	**117320**	20.2			
	2-3/8	**117321**	19.6	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-7/16	**117322**	19.3			
	2-1/2	**117323**	18.8			
	2-5/8	**117324**	18.7			
	2-11/16	**117325**	18.3			
	2-3/4	**117326**	18.2			
	2-13/16	**117267**	17.8	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	2-7/8	**117327**	17.5			
	2-15/16	**117328**	17.2			
	3	**117329**	16.8			
	3-1/8	**117330**	16.2			
	3-3/16	**117331**	15.8			
	3-1/4	**117332**	15.5			
	3-3/8	**117333**	14.8	–	–	–
	3-7/16	**117334**	14.4	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3-1/2	**117335**	14	–	–	–
	3-5/8	**117337**	13.5	–	–	–
	3-11/16	**117340**	13.5	7/8 x 3/16	7/8 x 7/16	7/8 x 5/8 Δ
	3-3/4	**117336**	13.5			
	3-7/8	**117341**	12.9	–	–	–
	3-15/16	**117338**	12.5	–	–	–
	4	**117352**	12	–	–	–
	4-1/8 #	**117714**	11.2	1 x 1/4	1 x 1/2	1 x 3/4 Δ
	4-3/16 #	**117715**	10.7	–	–	–
	4-1/4 #	**117716**	10.3	–	–	–
	4-3/8 #	**117717**	9.5	–	–	–
	4-7/16 #	**117704**	8.9	–	–	–
	48mm	**119818**	21	14 X 3.8mm	14 X 5.5mm	14 X 9mm
	55mm	**119819**	20.4	16 X 4.3mm	16 X 6mm	16 X 10mm
	60mm	**119820**	19.5	18 X 4.4mm	18 X 7mm	18 X 11mm
	75mm	**117723**	10	20 X 4.9mm	20 X 7.5mm	20 X 12mm
	80mm	**117724**	10	22 X 5.4mm	22 X 9mm	22 X 14mm
	90mm	**117726**	10	25 X 5.4mm	25 X 9mm	25 x 14mm
	95mm	**117725**	10			
	100mm	**117729**	10	28 X 6.4mm	28 X 10mm	28 X 16mm

Δ Key furnished for these sizes ONLY

\+ These sizes are STEEL

\# Refer to torque capacity ratings on page 20. If service factor of 2.0 or greater is required consult Baldor.

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
4535	1-15/16	**114765**	31	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	2	**114766**	29.7			
	2-1/16	**114767**	29.5			
	2-1/8	**114768**	29.3			
	2-3/16	**114769**	29			
	2-1/4	**114770**	28.8			
	2-5/16	**114771**	28.6	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-3/8	**114772**	27.4			
	2-7/16	**114773**	28			
	2-1/2	**114774**	26.7			
	2-9/16	**114775**	26.4			
	2-5/8	**114776**	25.9			
	2-11/16	**114777**	25.4			
	2-3/4	**114778**	25			
	2-13/16	**114779**	24.9	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	2-7/8	**114780**	24.8			
	2-15/16	**114781**	24.2			
	3	**114782**	24.2			
	3-1/16	**114783**	24.2			
	3-1/8	**114784**	24.1			
	3-3/16	**114785**	23.8			
	3-1/4	**114786**	23.1			
	3-5/16	**114787**	22.7	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3-3/8	**114788**	22.4			
	3-7/16	**114789**	21.5			
	3-1/2	**114790**	21.3			
	3-9/16	**114791**	21.1			
	3-5/8	**114792**	21			
	3-11/16	**114793**	20.3			
	3-3/4	**114794**	19.9			
	3-13/16	**114795**	19.6	1 x 1/2	1 x 1/2	1 x 1
	3-7/8	**114796**	19.3			
	3-15/16	**114797**	18.9			
	4	**114798**	18.7			
	4-1/8	**114799**	18.6			
	4-3/16	**114800**	18.5			
	4-1/4	**114801**	17.8			
	4-3/8	**114802**	16.8	1 x 1/4	1 x 1/2	1 x 3/4 Δ
	4-7/16	**114803**	15.4			
	4-1/2	**114804**	15.3			
	4-3/4 #	**114805**	15.2	1-1/4 x 1/4	1-1/4 x 5/8	1-1/4 x 7/8 Δ
	4-7/8 #	**114806**	15.1			
	4-15/16 #	**114807**	14.9			
4545	1-15/16	**117416**	29.9	1/2 x 1/4	1/2 x 1/4	1/2 x 1/2
	2	**117417**	29.8			
	2-1/8	**117849**	29.8			
	2-3/16	**117419**	29			
	2-3/8	**117421**	28.2	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-7/16	**117422**	27.9			
	2-1/2	**117850**	27.5			
	2-5/8	**117424**	27			
	2-3/4	**117426**	26.5			
	2-7/8	**117427**	25.7	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	2-15/16	**117428**	25.3			
	3	**117429**	25.2			
	3-1/8	**117430**	24.3			
	3-3/16	**117431**	24.2			
	3-1/4	**117432**	23.9			
	3-3/8	**117433**	22.8	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3-7/16	**117434**	22.6			
	3-1/2	**117435**	22.1			
	3-5/8	**117413**	21.2			
	3-3/4	**117436**	20.3			
	3-7/8	**117437**	19.5	1 x 1/2	1 x 1/2	1 x 1
	3-15/16	**117438**	19			
	4	**117439**	18.6			
	4-1/8	**117444**	17.5			
	4-3/16	**117443**	17.1			
	4-1/4	**117441**	17			
	4-3/8	**117442**	16.9	1 x 1/4	1 x 1/2	1 x 3/4

SPECIFICATION

BALDOR · DODGE

Taper-Lock® Bushings - Stock Bore

TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
4545 (Con't.)	4-7/16	**117440**	16.5	1 x 1/4	1 x 1/2	1 x 3/4 Δ
	4-1/2	**117447**	15.9			
	4-3/4 #	**117718**	13.9			
	4-7/8 #	**117719**	12.9	1-1/4 x 1/4	1-1/4 x 5/8	1-1/4 x 7/8 Δ
	4-15/16 #	**117705**	12.5	–	–	–
5040	2-7/16	**114865**	39.5	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-1/2	**114866**	38.3			
	2-9/16	**114867**	37.7			
	2-5/8	**114868**	37.1			
	2-11/16	**114869**	36.9			
	2-3/4	**114870**	36.6			
	2-13/16	**114871**	36.5	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	2-7/8	**114872**	36.4			
	2-15/16	**114873**	36.2			
	3	**114874**	35.6			
	3-1/16	**114875**	35.2			
	3-1/8	**114876**	34.8			
	3-3/16	**114877**	33.9			
	3-1/4	**114878**	33.2			
	3-5/16	**114879**	33	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3-3/8	**114880**	32.7			
	3-7/16	**114881**	32			
	3-1/2	**114882**	31.7			
	3-9/16	**114883**	31.4			
	3-5/8	**114884**	31.1			
	3-11/16	**114885**	30.4			
	3-3/4	**114886**	29.7			
	3-13/16	**114887**	29.4	1 x 1/2	1 x 1/2	1 x 1
	3-7/8	**114888**	29			
	3-15/16	**114889**	28.7			
	4	**114890**	27.8			
	4-1/8	**114891**	27.5			
	4-3/16	**114892**	27.2			
	4-1/4	**114893**	27			
	4-3/8	**114894**	26			
	4-7/16	**114895**	25.1			
	4-1/2	**114896**	23.6			
	4-3/4	**114897**	22.9	1-1/4 x 1/4	1-1/4 x 5/8	1-1/4 x 7/8 Δ
	4-7/8	**114898**	22.2			
	4-15/16	**114899**	20.6			
	5	**114900**	20.5			

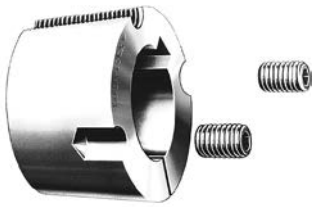
TL Bush. Size	Bore	P/N Keyway	Wt.	Bushing Keyway	Shaft Keyway REF	Key Size REF
5050	2-7/16	**117458**	39	5/8 x 5/16	5/8 x 5/16	5/8 x 5/8
	2-11/16	**117450**	37.4			
	2-15/16	**117459**	36	3/4 x 3/8	3/4 x 3/8	3/4 x 3/4
	3-3/8	**117452**	33	7/8 x 7/16	7/8 x 7/16	7/8 x 7/8
	3-7/16	**117460**	32.6			
	3-5/8	**117453**	31.2			
	3-7/8	**117454**	29.3	1 x 1/2	1 x 1/2	1 x 1
	3-15/16	**117461**	28.6			
	4	**117466**	28.3			
	4-1/4	**117465**	26.2			
	4-3/8	**117469**	25			
	4-7/16	**117462**	24.4			
	4-1/2	**117467**	23.9			
	4-5/8	**117734**	23	1-1/4 x 1/4	1-1/4 x 5/8	1-1/4 x 7/8 Δ
	4-7/8	**117468**	22.3			
	4-15/16	**117463**	21.4			
	5	**117464**	20.9			
	110mm	**117736**	26.2	28 X 6.4mm	28 X 10mm	28 X 16mm

Δ Key furnished for these sizes ONLY
\+ These sizes are STEEL
\# Refer to torque capacity ratings on page 20. If service factor of 2.0 or greater is required consult Baldor.

Service Factor	Type of Loading
1.00	Light starting & steady running
1.50	Light starting & uneven running
2.00	Fairly heavy starting & steady or uneven running
2.50	Light or heavy starting & moderate shock running
3.00	Light or heavy starting & severe shock running, or reversing loads

BALDOR · DODGE®

Taper-Lock® Bushings - Reborable



Note:
All reborable bushings are stocked without sawsplit to facilitate re-machining. Sawsplit must be made in bushing to allow it to compress for proper gripping of the shaft. Factory rebore and keyseat service as listed in MLP price book includes sawsplit

TL Bush. Size	Sintered Steel		Cast Iron		Ductile Iron	
	Bore	P/N	Bore	P/N	Bore	P/N
1008	1/2	**119187**	–	–	–	–
1108	1/2	**119361**	–	–	–	–
1210	1/2	**119206**	–	–	–	–
1215	1/2	**119023**	–	–	–	–
1310	1/2	**119386**	–	–	–	–
1610	1/2	**119209**	–	–	–	–
1615	1/2	**119067**	–	–	–	–
2012	1/2	**119272**	–	–	–	–
2517	1/2	**119141**	–	–	–	–
2525	–	–	–	–	–	–
3020	7/8	**117147**	–	–	–	–
3020	1-11/16	**117149**	–	–	–	–
3030	–	–	15/16	**117045**	–	–
3525	–	–	1-3/16	**119700**	1-3/16	**119701**
3535	–	–	1-3/16	**117250**	1-7/16	**117205**
4030	–	–	1-7/16	**119789**	1-15/16	**119790**
4040	–	–	1-7/16	**117345**	1-15/16	**117307**
4535	–	–	1-15/16	**119766**	2-7/16	**119767**
4545	–	–	1-15/16	**117448**	2-7/16	**117414**
5040	–	–	2-7/16	**119768**	2-15/16	**119769**
5050	–	–	2-7/16	**117451**	2-15/16	**117455**

TAPER-LOCK BUSHINGS - MAXIMUM BORE CAPACITIES (INCHES)

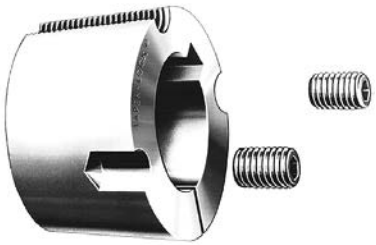
TL Bush. Size	Sintered Steel			Cast Iron			Ductile Iron		
	Full Key	Shallow Key	No Key*	Full Key	Shallow Key	No Key*	Full Key	Shallow Key	No Key*
1008	7/8	1	1	–	–	–	–	–	–
1108	1	1-1/8	1-1/8	–	–	–	–	–	–
1210	1-1/4	1-1/4	1-1/4	–	–	–	–	–	–
1215	1-1/4	1-1/4	1-1/4	–	–	–	–	–	–
1310	1-3/8	1-3/8	1-3/8	–	–	–	–	–	–
1610	1-1/2	1-5/8	1-5/8	–	–	–	–	–	–
1615	1-1/2	1-5/8	1-5/8	–	–	–	–	–	–
2012	1-7/8	2	2	–	–	–	–	–	–
2517	2-1/4	2-1/2	2-1/2	–	–	–	–	–	–
2525	–	–	–	2-1/4	2-1/2	2-1/2	–	–	–
3020	2-3/4	3	3	2-3/4	3	3	–	–	–
3030	–	–	–	2-3/4	3	3	–	–	–
3525	–	–	–	3-1/4	3-1/2	3-1/2	3-1/2	3-15/16	3-15/16
3535	–	–	–	3-1/4	3-1/2	3-1/2	3-1/2	3-15/16	3-15/16
4030	–	–	–	3-5/8	4	4	4	4-7/16	4-7/16
4040	–	–	–	3-5/8	4	4	4	4-7/16	4-7/16
4535	–	–	–	4-1/2	4-1/2	4-1/2	4-1/2	4-15/16	4-15/16
4545	–	–	–	4-1/2	4-1/2	4-1/2	4-1/2	4-15/16	4-15/16
5040	–	–	–	4-1/2	5	5	5	5-5/16	5-5/16
5050	–	–	–	4-1/2	5	5	5	5-5/16	5-5/16

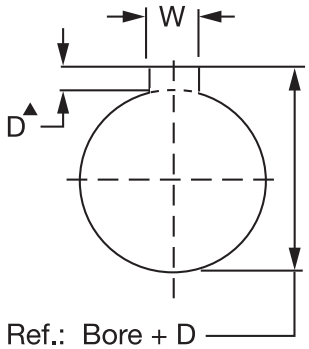
* Verify torque capacity: Contact application engineering for assistance

SPECIFICATION

BALDOR · DODGE®

Taper-Lock® Bushings - Reborable





Iso standard method for measuring keyseat depth.

▲ Depth measured at centerline

TAPER-LOCK BUSHINGS - MAXIMUM BORE CAPACITIES (METRIC)

TL Bush. Size	Min. Bore	Sintered Steel			Cast Iron			Ductile Iron		
		Full Key	Shallow Key	No Key*	Full Key	Shallow Key	No Key*	Full Key	Shallow Key	No Key*
1008	13	22	25	25	–	–	–	–	–	–
1108	13	25	25	29	–	–	–	–	–	–
1210	13	32	32	32	–	–	–	–	–	–
1215	13	32	32	32	–	–	–	–	–	–
1310	13	35	35	35	–	–	–	–	–	–
1610	13	40	40	40	–	–	–	–	–	–
1615	13	39	39	39	–	–	–	–	–	–
2012	13	50	50	51	–	–	–	–	–	–
2517	13	60	60	64	–	–	–	–	–	–
2525	20	–	–	–	60	60	64	–	–	–
3020	24	75	75	76	–	–	–	–	–	–
3030	24	–	–	–	75	75	76	–	–	–
3525	31	–	–	–	90	90	90	95	100	100
3535	31	–	–	–	85	85	85	95	95	100
4030	37	–	–	–	100	100	102	110	115	115
4040	37	–	–	–	100	100	102	105	105	113
4535	50	–	–	–	110	110	114	125	125	125
4545	50	–	–	–	110	110	114	115	115	125
5040	61	–	–	–	125	125	127	127	127	134
5050	61	–	–	–	125	125	127	127	127	134

Note: ISO standard method for measuring keyseat depth
mm bore and keyway dimensions conform to ISO standard recommendation R773, for “free” fit

Reference:
1 inch = 25.4 millimeters
1 millimeter = .03937 inches

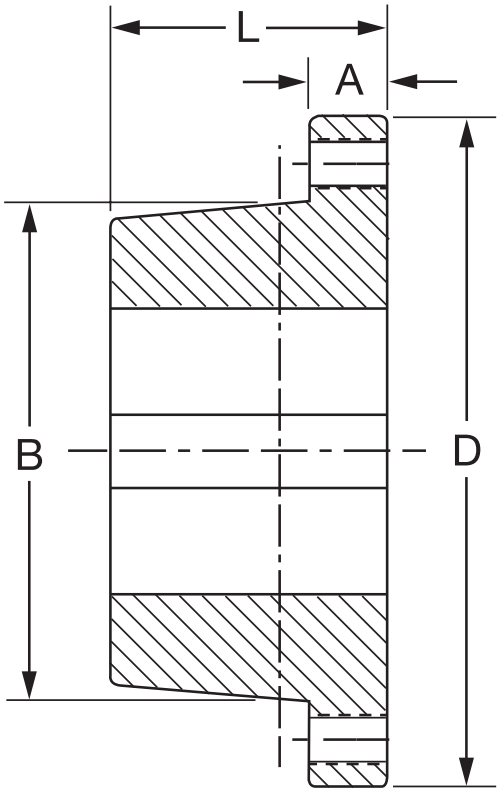
* Verify torque capacity: Contact application engineering for assistance.

BALDOR · DODGE®

XT Bushings

Usage: This product is specially designed for conveyor pulley applications.

- 2 in./ft. taper for easy on, easy off
- In steel and gray cast iron



DIMENSIONS

Bushing Size	Dimensions - Inches							Recommended Wrench Torque (ft.-lbs.)	Approx. Weight
	A	B	D	L	BC	No.	Size		
XTB15	7/16	2.000	2-7/8	1-5/16	2-7/16	4	1/4 - 20NC x 1-1/4	7.9	0.7
XTB20	15/32	2.688	3-3/4	1-13/32	3-3/16	4	5/16 - 18NC x 1-1/2	16.7	1.5
XTB25	5/8	3.188	4-7/16	1-7/8	3-3/4	4	3/8 - 16NC x 2	29.2	2.6
XTB30	11/16	3.875	5-5/16	2-1/16	4-9/16	4	7/16 - 14NC x 2	45.8	4.2
XTB35	25/32	4.688	6-5/16	2-15/32	5-7/16	4	1/2 - 13NC x 2-1/2	70	7.4
XTB40	7/8	5.313	7-1/8	2-13/16	6-1/8	4	9/16 - 12NC x 2-1/2	100	10.5
XTB45	15/16	5.938	8	3-5/16	6-7/8	4	5/8 - 11NC x 2-1/2	140	14.8
XTB50	1	7.250	10-1/8	3-3/4	8-5/16	4	3/4 - 10NC x 3	250	27.8
XTB60	1-1/8	8.625	11-15/16	4-1/8	9-7/8	4	7/8 - 9NC x 3-1/2	400	42.8
XTB70	1-5/16	10.000	13-15/16	4-11/16	11-9/16	4	1 - 8NC x 3-1/2	600	66.3
XTB80	1-3/8	11.125	15-5/8	5-1/8	12-7/8	4	1-1/8 - 7NC x 4	750	85.7
XTB100	1-9/16	13.688	17-15/16	6-3/16	15-9/16	6	1-1/8 - 7NC x 4	750	146
XTB120	1-3/4	16.188	20-5/8	7-1/16	18-3/16	8	1-1/8 - 7NC x 4	750	216

RELATED PRODUCTS

BALDOR · DODGE®

XT Bushings

Bushing No.	Bore	Part No.	Wt.	Keyseat
XTB15	5/8	226830	.7	3/16 x 3/32
	3/4	226831	.7	3/16 x 3/32
	7/8	226832	.7	3/16 x 3/32
	1	226833	.7	1/4 x 1/8
	1-1/8	226834	.7	1/4 x 1/8
	1-3/16	226835	.7	1/4 x 1/8
	1-1/4	226836	.7	1/4 x 1/8
	1-7/16	226837	.7	3/8 x 1/8 ✦
	1-1/2	226838	.7	3/8 x 1/8 ✦
XTB20	3/4	226839	1.5	3/16 x 3/32
	1	226840	1.5	1/4 x 1/8
	1-3/16	226841	1.5	1/4 x 1/8
	1-1/4	226842	1.5	1/4 x 1/8
	1-7/16	226843	1.5	3/8 x 3/16
	1-1/2	226844	1.5	3/8 x 3/16
	1-11/16	226845	1.5	3/8 x 3/16
	1-15/16	226846	1.5	1/2 x 3/16 ✦
	2	226847	1.5	1/2 x 3/16 ✦
XTB25	1	226848	2.6	1/4 x 1/8
	1-3/16	226849	2.6	1/4 x 1/8
	1-1/4	226850	2.6	1/4 x 1/8
	1-7/16	226851	2.6	3/8 x 3/16
	1-1/2	226852	2.6	3/8 x 3/16
	1-11/16	226853	2.6	3/8 x 3/16
	1-15/16	226854	2.6	1/2 x1/4
	2	226855	2.6	1/2 x1/4
	2-3/16	226856	2.6	1/2 x1/4
	2-7/16	226857	2.6	5/8 x 1/8 ✦
XTB30	1-7/16	226858	4.2	3/8 x 3/16
	1-1/2	226859	4.2	3/8 x 3/16
	1-11/16	226860	4.2	3/8 x 3/16
	1-15/16	226861	4.2	1/2 x 1/4
	2-3/16	226862	4.2	1/2 x 1/4
	2-7/16	226863	4.2	5/8 x 5/16
	2-11/16	226864	4.2	5/8 x 5/16
	2-15/16	226865	4.2	3/4 x 3/16 ✦
XTB35	1-15/16	226866	7.4	1/2 x 1/4
	2-3/16	226867	7.4	1/2 x 1/4
	2-7/16	226868	7.4	5/8 x 5/16
	2-1/2	226869	7.4	5/8 x 5/16
	2-11/16	226870	7.4	5/8 x 5/16
	2-15/16	226871	7.4	3/4 x 3/8
	3-7/16	226872	7.4	7/8 x 5/16

Bushing No.	Bore	Part No.	Wt.	Keyseat
XTB40	2-7/16	226873	10.5	5/8 x 5/16
	2-15/16	226874	10.5	3/4 x 3/8
	3-7/16	226875	10.5	7/8 x 7/16
	3-15/16	226876	10.5	1 x 3/8 ✦
XTB45	3-7/16	226877	14.8	7/8 x 7/16
	3-15/16	226878	14.8	1 x 1/2
	4-7/16	226879	14.8	1 x 3/8 ✦
XTB50	3-15/16	226880	27.8	1 x 1/2
	4-7/16	226881	27.8	1 x 1/2
	4-15/16	226882	27.8	1-1/4 x 5/8
XTB60	5-7/16	226883	42.8	1-1/4 x 5/8
	5-1/2	226884	42.8	1-1/4 x 5/8
	5-15/16	226885	42.8	1-1/2 x 3/4
	6	226886	42.8	1-1/2 x 3/4
XTB70	6-7/16	226887	66.3	1-1/2 x 3/4
	6-1/2	226888	66.3	1-1/2 x 3/4
	6-15/16	226889	66.3	1-3/4 x 3/4
	7	226890	66.3	1-3/4 x 3/4
XTB80	7-1/2	226891	85.7	1-3/4 x 3/4
	7-15/16	226892	85.7	2 x 3/4
	8	226893	85.7	2 x 3/4
XTB100	8-1/2	226894	146	2 x 3/4
	9	226895	146	2 x 3/4
	9-7/16	226896	146	2-1/2 x 7/8
	9-1/2	226897	146	2-1/2 x 7/8
	10	226898	146	2-1/2 x 7/8
XTB120	10-1/2	226899	216	2-1/2 x 7/8
	11	226900	216	2-1/2 x 7/8
	11-1/2	226901	216	3 x 1
	12	226902	216	3 x 1

✦ Key provided with these sizes only
XTB50-XTB120 made from gray cast iron

REBORABLE XT BUSHINGS

Bushing	Part Number	Minimum Bore	Inch Max Bore
XTB15	226903	5/8	1.5
XTB20	226904	3/4	2.0
XTB25	226905	1	2.5
XTB30	226906	1-7/16	3.0
XTB35	226907	1-15/16	3.5
XTB40	226908	2-7/16	4.0
XTB45	226909	3-7/16	4.5
XTB50	226910	3-15/16	5.0
XTB60	226911	5-7/16	6.0
XTB70	226912	6-7/16	7.0
XTB80	226913	7-1/2	8.0
XTB100	226914	8-1/2	10.0
XTB120	226915	10-1/2	12.0

BALDOR · DODGE®

XT Hubs

Usage: XT hubs are for use with the XT Bushing

- 2 in./ft. taper for easy on, easy off
- Made of low carbon steel for its excellent welding properties

RELATED PRODUCTS

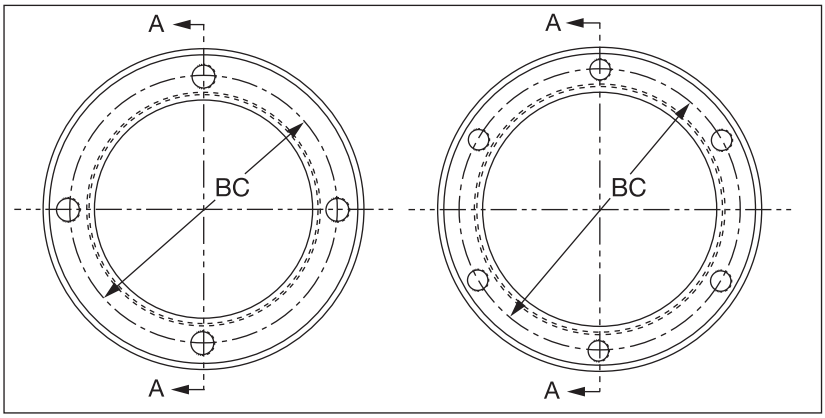
BALDOR · DODGE®

XT Hubs

DIMENSIONS

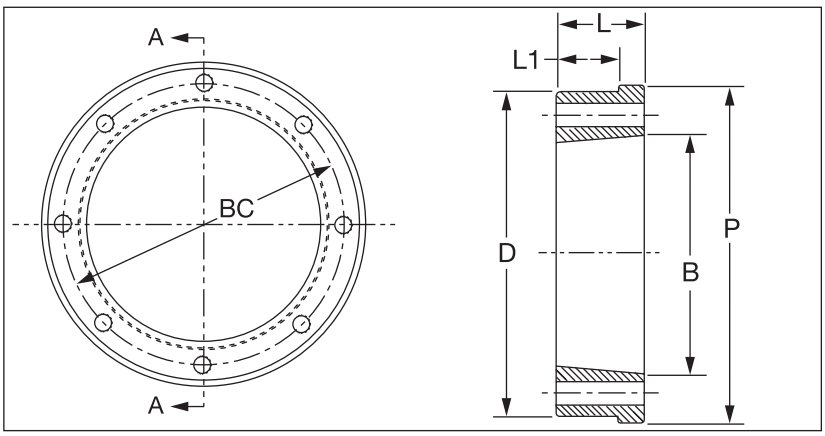
Hub No.	Fits Bushing	Dimensions - Inches							Tapped Holes		Approx. Weight
		Part Number	D ✻	L	B	P	L1	BC	No.	Size	
XTH15	XTB15	**226916**	2.875	5/8	2.000	3.190	7/16	2-7/16	4	14 - 20NC	0.7
XTH20	XTB20	**226917**	3.813	13/16	2.688	4.065	9/16	3-3/16	4	5/16 - 18NC	1.5
XTH25	XTB25	**226918**	4.375	1-1/8	3.188	4.690	13/16	3-3/4	4	3/8 - 16NC	2.6
XTH30	XTB30	**226919**	5.750	1-1/4	3.875	5.940	7/8	4-9/16	4	7/16 - 14NC	4.1
XTH35	XTB35	**226920**	6.345	1-1/2	4.688	6.565	1-1/16	5-7/16	4	1/2 - 13NC	6.6
XTH40	XTB40	**226921**	7.250	1-3/4	5.313	7.563	1-1/4	6-1/8	4	9/16 - 12NC	10.7
XTH45	XTB45	**226922**	8.000	2-1/8	5.938	8.315	1-1/2	6-7/8	4	5/8 - 11NC	15.4
XTH50	XTB50	**226923**	9.563	2-1/2	7.250	9.940	1-3/4	8-5/16	4	3/4 - 10NC	24.9
XTH60	XTB60	**226924**	11.250	2-3/4	8.625	11.690	1-15/16	9-7/8	4	7/8 - 9NC	36.4
XTH70	XTB70	**226925**	13.188	3-1/8	10.000	13.628	2-3/16	11-9/16	4	1 - 8NC	57.7
XTH80	XTB80	**226926**	14.625	3-7/16	11.125	14.940	2-7/16	12-7/8	4	1-1/8 - 7NC	75.6
XTH100	XTB100	**226927**	17.500	4-1/8	13.688	17.940	3	15-9/16	6	1-1/8 - 7NC	122
XTH120	XTB120	**226928**	20.500	4-13/16	16.188	20.940	3-1/2	18-3/16	8	1-1/8 - 7NC	189

✻ **Tolerance:** (+0.000 in. / -0.005 in.)



XTH15 to XTH80 Inclusive

XTH100



XTH120

Section A-A
Taper 2 in. per ft.
on Diameter -B-

Light Duty Fixed Bore & Bush Type

Fixed Bore: MA, 2MA, MB, 2MB

Features:

- All products have two setscrews, resulting in a tighter grip and improved performance.
- Bore range 1/2 in. to 1-7/16 in.
- 1 & 2 grooves, A-B & 3L-4L-5L belts

Note:
Metric, or additional special bores, are made to order items. Contact Baldor for price and delivery. For immediate use, Baldor suggests using an MAL, MBL, 2MAL or 2MBL for a stock product.

Bush Type: MAL, 2MAL, MBL, 2MBL

Features:

- Can handle up to 20 HP @ 1750 RPM
- Bore range 1/2 in. to 1-1/2 in.
- 1 & 2 grooves, A-B & 3L-4L-5L belts

HOW TO ORDER

EXAMPLE: **2MB65X1-1/8**

2MB65	X	1-1/8

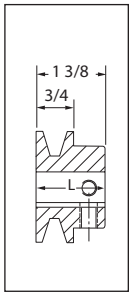
2MB65: SHEAVE SIZE

1-1/8: BORE SIZE (1-1/8 in.)
Inch bore sizes are designated with the whole inch followed by the fraction. For example, a 1.5 in. diameter bore would be 1-1/2 in. Metric bore sizes are designated with mm after the metric dimension (X 25mm).

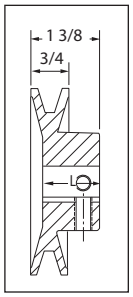
Light Duty Fixed Bore - MA (A & 3L-4L V-Belts)

1 GROOVE

Part No.	Cross Ref.	D.D. (3L) Belts	D.D. A (4L) Belts	O.D.	T	L	Max. Bore	App. Wt.
MA15*	–	–	1.30	1.55	1B	1-1/4	5/8	0.4
MA18*	AK17	–	1.50	1.75	1B	1-3/8	3/4	0.4
MA20	AK20	1.41	1.75	2.00	1B	1-3/8	7/8	0.7
MA21	AK21	1.51	1.85	2.10	1B	1-3/8	7/8	0.7
MA22	AK22	1.61	1.95	2.20	1B	1-3/8	7/8	0.8
MA23	AK23	1.71	2.05	2.30	1B	1-3/8	1	0.8
MA24	–	1.76	2.10	2.35	1B	1-3/8	7/8	0.8
MA25	AK25	1.91	2.25	2.50	2B	1-1/4	1-1/8	0.9
MA26	AK26	2.01	2.35	2.60	2B	1-1/4	1-1/8	0.9
MA27	AK27	2.11	2.45	2.70	2B	1-1/4	1-1/8	0.9
MA28	AK28	2.21	2.55	2.80	2B	1-1/4	1-1/8	0.9
MA30	AK30	2.46	2.80	3.05	2B	1-1/4	1-1/8	1.2
MA33	AK32	2.66	3.00	3.25	2B	1-1/4	1-1/8	1.5
MA35	AK34	2.86	3.20	3.45	2B	1-1/4	1-1/8	1.4
MA38	AK39	3.16	3.50	3.75	2W	1-1/8	1-1/8	1.5
MA40	AK41	3.36	3.70	3.95	2W	1-1/8	1-3/16	2.0
MA43	AK44	3.66	4.00	4.25	2W	1-1/8	1-3/16	2.0
MA45	AK46	3.86	4.20	4.45	2W	1-1/8	1-3/16	2.0
MA48	AK49	4.16	4.50	4.75	1A	1-3/8	1-3/16	2.0
MA50	AK51	4.36	4.70	4.95	1A	1-3/8	1-3/16	2.0
MA53	AK54	4.66	5.00	5.25	1A	1-3/8	1-3/16	2.5
MA55	AK56	4.86	5.20	5.45	1A	1-3/8	1-3/16	2.5
MA58	AK59	5.16	5.50	5.75	1A	1-3/8	1-3/16	2.5
MA60	AK61	5.36	5.70	5.95	1A	1-3/8	1-3/16	3.0
MA63	AK64	5.66	6.00	6.25	1A	1-3/8	1-1/4	3.0
MA65	AK66	5.86	6.20	6.45	1A	1-3/8	1-1/4	3.0
MA68	AK69	6.16	6.50	6.75	1A	1-3/8	1-1/4	3.0
MA70	AK71	6.36	6.70	6.95	1A	1-3/8	1-7/16	3.5
MA73	AK74	6.66	7.00	7.25	1A	1-3/8	1-7/16	3.5
MA78	AK79	7.16	7.50	7.75	1A	1-3/8	1-7/16	3.5
MA80	–	7.41	7.75	8.00	1A	1-3/8	1-7/16	3.5
MA83	AK84	7.66	8.00	8.25	1A	1-3/8	1-7/16	4.4
MA88	AK89	8.16	8.50	8.75	1A	1-3/8	1-7/16	4.5
MA90	–	8.41	8.75	9.00	1A	1-3/8	1-7/16	4.5
MA93	AK94	8.66	9.00	9.25	1A	1-3/8	1-7/16	5.4
MA98	AK99	9.16	9.50	9.75	1A	1-3/8	1-7/16	5.5
MA100	–	9.41	9.75	10.00	1A	1-3/8	1-7/16	5.5
MA103	AK104	9.66	10.00	10.25	1A	1-3/8	1-7/16	6.0
MA108	AK109	10.16	10.50	10.75	1A	1-3/8	1-7/16	6.0
MA110	–	10.41	10.75	11.00	1A	1-3/8	1-5/8	6.5
MA113	AK114	10.66	11.00	11.25	1A	1-3/8	1-7/16	6.5
MA120	–	11.41	11.75	12.00	1A	1-3/8	1-7/16	7.5
MA123	AK124	11.66	12.00	12.25	1A	1-3/8	1-7/16	7.0
MA133	AK134	12.66	13.00	13.25	1A	1-3/8	1-3/4	8.5
MA143	AK144	13.66	14.00	14.25	1A	1-3/8	1-3/4	9.0
MA153	AK155	14.66	15.00	15.25	1A	1-3/8	1-3/4	9.0
MA183	AK184	17.66	18.00	18.25	1A	1-3/8	1-7/8	14.0



TYPE 1



TYPE 2

P.D. for "A" (4L) Belts = O.D
P.D. for "3L" Belts = D.D.+0.25 = O.D.-0.34
* DO NOT use 3L belts with MA15 and MA18 sheaves

Light Duty Fixed Bore - MA (A & 3L-4L V-Belts)

1 GROOVE

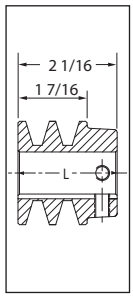
Part No.	Standard Bores Part Numbers										
	1/2	5/8	3/4	7/8	15/16	1	1-1/8	1-3/16	1-1/4	1-3/8	1-7/16
MA15*	MA15X1/2	MA15X5/8	–	–	–	–	–	–	–	–	–
MA18*	MA18X1/2	MA18X5/8	MA18X3/4	–	–	–	–	–	–	–	–
MA20	MA20X1/2	MA20X5/8	MA20X3/4	MA20X7/8	–	–	–	–	–	–	–
MA21	MA21X1/2	MA21X5/8	MA21X3/4	–	–	–	–	–	–	–	–
MA22	MA22X1/2	MA22X5/8	MA22X3/4	MA22X7/8	–	–	–	–	–	–	–
MA23	MA23X1/2	MA23X5/8	MA23X3/4	MA23X7/8	–	MA23X1	–	–	–	–	–
MA24	MA24X1/2	MA24X5/8	MA24X3/4	–	–	–	–	–	–	–	–
MA25	MA25X1/2	MA25X5/8	MA25X3/4	MA25X7/8	–	MA25X1	MA25X1-1/8	–	–	–	–
MA26	MA26X1/2	MA26X5/8	MA26X3/4	MA26X7/8	–	MA26X1	–	–	–	–	–
MA27	MA27X1/2	MA27X5/8	MA27X3/4	MA27X7/8	–	MA27X1	–	–	–	–	–
MA28	MA28X1/2	MA28X5/8	MA28X3/4	MA28X7/8	–	MA28X1	MA28X1-1/8	–	–	–	–
MA30	MA30X1/2	MA30X5/8	MA30X3/4	MA30X7/8	–	MA30X1	MA30X1-1/8	–	–	–	–
MA33	MA33X1/2	MA33X5/8	MA33X3/4	MA33X7/8	–	MA33X1	MA33X1-1/8	–	–	–	–
MA35	MA35X1/2	MA35X5/8	MA35X3/4	MA35X7/8	–	MA35X1	MA35X1-1/8	–	–	–	–
MA38	MA38X1/2	MA38X5/8	MA38X3/4	MA38X7/8	–	MA38X1	MA38X1-1/8	–	–	–	–
MA40	MA40X1/2	MA40X5/8	MA40X3/4	MA40X7/8	MA40X15/16	MA40X1	MA40X1-1/8	–	–	–	–
MA43	MA43X1/2	MA43X5/8	MA43X3/4	MA43X7/8	–	MA43X1	MA43X1-1/8	–	–	–	–
MA45	MA45X1/2	MA45X5/8	MA45X3/4	MA45X7/8	–	MA45X1	MA45X1-1/8	–	–	–	–
MA48	MA48X1/2	MA48X5/8	MA48X3/4	MA48X7/8	MA48X15/16	MA48X1	MA48X1-1/8	–	–	–	–
MA50	MA50X1/2	MA50X5/8	MA50X3/4	MA50X7/8	–	MA50X1	MA50X1-1/8	MA50X1-3/16	–	–	–
MA53	MA53X1/2	MA53X5/8	MA53X3/4	MA53X7/8	–	MA53X1	MA53X1-1/8	MA53X1-3/16	–	–	–
MA55	MA55X1/2	MA55X5/8	MA55X3/4	MA55X7/8	MA55X15/16	MA55X1	MA55X1-1/8	MA55X1-3/16	–	–	–
MA58	MA58X1/2	MA58X5/8	MA58X3/4	MA58X7/8	–	MA58X1	MA58X1-1/8	MA58X1-3/16	–	–	–
MA60	MA60X1/2	MA60X5/8	MA60X3/4	MA60X7/8	MA60X15/16	MA60X1	MA60X1-1/8	MA60X1-3/16	–	–	–
MA63	MA63X1/2	MA63X5/8	MA63X3/4	MA63X7/8	MA63X15/16	MA63X1	MA63X1-1/8	MA63X1-3/16	–	–	–
MA65	MA65X1/2	MA65X5/8	MA65X3/4	MA65X7/8	–	MA65X1	MA65X1-1/8	–	–	–	–
MA68	–	MA68X5/8	MA68X3/4	–	–	MA68X1	MA68X1-1/8	–	–	–	–
MA70	MA70X1/2	MA70X5/8	MA70X3/4	MA70X7/8	–	MA70X1	MA70X1-1/8	MA70X1-3/16	–	–	–
MA73	MA73X1/2	MA73X5/8	MA73X3/4	MA73X7/8	–	MA73X1	MA73X1-1/8	MA73X1-3/16	MA73X1-1/4	–	MA73X1-7/16
MA78		MA78X5/8	MA78X3/4	MA78X7/8	–	MA78X1	MA78X1-1/8	–	–	–	–
MA80	MA80X1/2	MA80X5/8	MA80X3/4	MA80X7/8	–	MA80X1	MA80X1-1/8	–	MA80X1-1/4	–	–
MA83	MA83X1/2	MA83X5/8	MA83X3/4	MA83X7/8	–	MA83X1	MA83X1-1/8	MA83X1-3/16	–	–	–
MA88	–	–	MA88X3/4	–	–	MA88X1	MA88X1-1/8	–	–	–	–
MA90	–	MA90X5/8	MA90X3/4	–	–	MA90X1	–	–	–	–	–
MA93	MA93X1/2	MA93X5/8	MA93X3/4	–	–	MA93X1	MA93X1-1/8	MA93X1-3/16	–	–	–
MA98	–	–	MA98X3/4	–	–	MA98X1	–	–	–	–	–
MA100	–	MA100X5/8	MA100X3/4	MA100X7/8	–	MA100X1	–	–	–	–	–
MA103	–	MA103X5/8	MA103X3/4	–	–	MA103X1	–	–	–	–	–
MA108	–	–	–	–	–	MA108X1	–	–	–	–	–
MA110	–	–	MA110X3/4	–	–	MA110X1	–	–	–	–	–
MA113	–	–	MA113X3/4	MA113X7/8	–	MA113X1	–	–	–	–	–
MA120	MA120X1/2	MA120X5/8	MA120X3/4	MA120X7/8	–	MA120X1	–	–	–	–	–
MA123	–	MA123X5/8	MA123X3/4	–	–	MA123X1	–	–	–	–	–
MA133	–	–	MA133X3/4	–	–	MA133X1	–	–	–	–	–
MA143	–	MA143X5/8	MA143X3/4	MA143X7/8	–	MA143X1	–	–	–		–
MA153	–	MA153X5/8	MA153X3/4	–	–	MA153X1	–	–	–	MA153X1-3/8	MA153X1-7/16
MA183	–	–	MA183X3/4	–	–	MA183X1	–	–	–	–	MA183X1-7/16

Light Duty Fixed Bore - 2MA (A V-Belts)

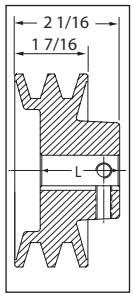
2 GROOVES

Part No.	Cross Ref.	D.D. A Belts	O.D.	T	L	Max. Bore	App. Wt.
2MA20	2AK20	1.75	2.00	3B	2-1/16	3/4	1.0
2MA22	2AK21	1.90	2.15	3B	2-1/16	7/8	1.0
2MA23	2AK22	2.00	2.25	3B	2-1/16	1	1.0
2MA24	2AK23	2.10	2.35	4B	1-7/8	1-1/8	1.0
2MA25	2AK25	2.30	2.55	4B	1-11/16	1-1/8	1.5
2MA27	2AK26	2.40	2.65	4B	1-7/8	1-1/8	1.5
2MA28	2AK27	2.50	2.75	4B	1-11/16	1-1/8	1.5
2MA29	2AK28	2.60	2.85	4B	1-11/16	1-1/8	1.5
2MA30	2AK30	2.80	3.05	4B	1-11/16	1-1/8	2.0
2MA33	2AK32	3.00	3.25	4B	1-5/8	1-1/8	2.0
2MA35	2AK34	3.20	3.45	4B	1-5/8	1-1/8	2.5
2MA38	2AK39	3.50	3.75	4B	1-5/8	1-3/16	3.0
2MA40	2AK41	3.70	3.95	4W	1-9/16	1-3/16	3.0
2MA43	2AK44	4.00	4.25	4W	1-9/16	1-3/16	3.0
2MA45	2AK46	4.20	4.45	4W	1-11/16	1-3/16	4.0
2MA48	2AK49	4.50	4.75	4W	1-9/16	1-3/8	3.5
2MA50	2AK51	4.70	4.95	4W	1-9/16	1-3/16	4.0
2MA53	2AK54	5.00	5.25	4W	1-9/16	1-3/8	4.0
2MA55	2AK56	5.20	5.45	4W	1-9/16	1-3/8	5.0
2MA58	2AK59	5.50	5.75	4W	1-9/16	1-3/8	5.0
2MA60	2AK61	5.70	5.95	4W	1-11/16	1-3/8	6.0
2MA63	2AK64	6.00	6.25	4A	1-9/16	1-11/16	5.5
2MA70	–	6.75	7.00	4A	1-9/16	1-11/16	6.0
2MA73	2AK74	7.00	7.25	4A	1-9/16	1-11/16	6.0
2MA80	–	7.75	8.00	4A	1-9/16	1-11/16	7.0
2MA83	2AK84	8.00	8.25	4A	1-9/16	1-7/16	8.0
2MA90	–	8.75	9.00	4A	1-9/16	1-7/16	8.5
2MA93	2AK94	9.00	9.25	4A	1-9/16	1-11/16	9.0
2MA100	–	9.75	10.00	4A	1-9/16	1-11/16	9.0
2MA103	2AK104	10.00	10.25	4A	1-9/16	1-11/16	10.0
2MA110	–	10.75	11.00	4A	1-9/16	1-11/16	10.0
2MA113	2AK114	11.00	11.25	4A	1-9/16	1-11/16	11.0
2MA120	–	11.75	12.00	4A	1-9/16	1-11/16	11.0
2MA123	2AK124	12.00	12.25	4A	1-19/32	1-11/16	12.0
2MA133	2AK134	13.00	13.25	4A	1-19/32	1-11/16	14.0
2MA143	2AK144	14.00	14.25	4A	1-9/16	1-11/16	15.0
2MA153	2AK155	15.00	15.25	4A	1-9/16	1-15/16	17.0
2MA183	2AK184	18.00	18.25	4A	1-17/32	1-7/16	19.0

P.D. for "A" Belts = O.D.



TYPE 3



TYPE 4

KEYSEAT INFORMATION

Bore Range	Keyseat
1/2	None
5/8 to 7/8	3/16 X 3/32
15/16 to 1-1/4	1/4 X 1/8
1-5/16 to 1-3/8	5/16 X 5/32
1-7/16 to 1-3/4	3/8 X 3/16

Light Duty Fixed Bore - 2MA (A V-Belts)

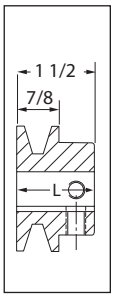
2 GROOVES

Part No.	Standard Bores Part Numbers										
	1/2	5/8	3/4	7/8	15/16	1	1-1/8	1-3/16	1-1/4	1-3/8	1-7/16
2MA20	2MA20X1/2	2MA20X5/8	2MA20X3/4	–	–	–	–	–	–	–	–
2MA22	2MA22X1/2	2MA22X5/8	2MA22X3/4	–	–	–	–	–	–	–	–
2MA23	2MA23X1/2	2MA23X5/8	2MA23X3/4	2MA23X7/8	–	2MA23X1	–	–	–	–	–
2MA24	–	2MA24X5/8	2MA24X3/4	2MA24X7/8	–	2MA24X1	–	–	–	–	–
2MA25	2MA25X1/2	2MA25X5/8	2MA25X3/4	2MA25X7/8	–	2MA25X1	2MA25X1-1/8	–	–	–	–
2MA27	2MA27X1/2	2MA27X5/8	2MA27X3/4	2MA27X7/8	–	2MA27X1	–	–	–	–	–
2MA28	–	2MA28X5/8	2MA28X3/4	2MA28X7/8	–	2MA28X1	2MA28X1-1/8	–	–	–	–
2MA29	–	2MA29X5/8	2MA29X3/4	2MA29X7/8	–	2MA29X1	–	–	–	–	–
2MA30	2MA30X1/2	2MA30X5/8	2MA30X3/4	2MA30X7/8	–	2MA30X1	2MA30X1-1/8	–	–	–	–
2MA33	–	2MA33X5/8	2MA33X3/4	2MA33X7/8	–	2MA33X1	2MA33X1-1/8	–	–	–	–
2MA35	–	2MA35X5/8	2MA35X3/4	2MA35X7/8	–	2MA35X1	2MA35X1-1/8	–	–	–	–
2MA38	–	2MA38X5/8	2MA38X3/4	2MA38X7/8	–	2MA38X1	2MA38X1-1/8	–	–	–	–
2MA40	–	2MA40X5/8	2MA40X3/4	2MA40X7/8	–	2MA40X1	2MA40X1-1/8	–	–	–	–
2MA43	–	2MA43X5/8	2MA43X3/4	2MA43X7/8	–	2MA43X1	2MA43X1-1/8	–	–	–	–
2MA45	–	2MA45X5/8	2MA45X3/4	2MA45X7/8	–	2MA45X1	2MA45X1-1/8	–	–	–	–
2MA48	–	–	2MA48X3/4	2MA48X7/8	–	2MA48X1	2MA48X1-1/8	–	–	2MA48X1-3/8	–
2MA50	–	2MA50X5/8	2MA50X3/4	2MA50X7/8	–	2MA50X1	2MA50X1-1/8	–	–	–	–
2MA53	–	2MA53X5/8	2MA53X3/4	2MA53X7/8	–	2MA53X1	2MA53X1-1/8	–	–	–	–
2MA55	–	2MA55X5/8	2MA55X3/4	2MA55X7/8	–	2MA55X1	2MA55X1-1/8	–	–	2MA55X1-3/8	–
2MA58	–	–	–	–	–	2MA58X1	2MA58X1-1/8	–	–	2MA58X1-3/8	–
2MA60	–	–	2MA60X3/4	2MA60X7/8	–	2MA60X1	2MA60X1-1/8	–	–	2MA60X1-3/8	–
2MA63	–	–	2MA63X3/4	–	–	2MA63X1	2MA63X1-1/8	2MA63X1-3/16	–	2MA63X1-3/8	2MA63X1-7/16
2MA70	–	–	2MA70X3/4	–	–	2MA70X1	2MA70X1-1/8	–	–	–	–
2MA73	–	–	2MA73X3/4	–	–	2MA73X1	2MA73X1-1/8	2MA73X1-3/16	–	2MA73X1-3/8	2MA73X1-7/16
2MA80	–	–	2MA80X3/4	–	–	2MA80X1	2MA80X1-1/8	–	–	–	–
2MA83	–	–	2MA83X3/4	–	2MA83X15/16	2MA83X1	2MA83X1-1/8	2MA83X1-3/16	–	2MA83X1-3/8	2MA83X1-7/16
2MA90	–	2MA90X5/8	–	–	–	2MA90X1	2MA90X1-1/8	–	–	–	–
2MA93	–	–	2MA93X3/4	–	–	2MA93X1	2MA93X1-1/8	2MA93X1-3/16	–	–	2MA93X1-7/16
2MA100	–	–	–	–	–	2MA100X1	–	–	–	–	–
2MA103	–	–	2MA103X3/4	–	–	2MA103X1	–	2MA103X1-3/16	–	–	2MA103X1-7/16
2MA110	–	–	–	–	–	–	–	–	–	–	–
2MA113	–	–	2MA113X3/4	–	–	2MA113X1	–	2MA113X1-3/16	–	–	2MA113X1-7/16
2MA120	–	–	–	2MA120X7/8	–	2MA120X1	–	–	–	–	–
2MA123	–	–	2MA123X3/4	–	–	2MA123X1	–	2MA123X1-3/16	–	–	2MA123X1-7/16
2MA133	–	–	–	–	–	–	–	2MA133X1-3/16	–	–	–
2MA143	–	–	–	–	–	2MA143X1	–	2MA143X1-3/16	–	–	2MA143X1-7/16
2MA153	–	–	–	–	–	–	–	2MA153X1-3/16	–	–	2MA153X1-7/16
2MA183	–	–	–	–	–	–	–	2MA183X1-3/16	–	–	2MA183X1-7/16

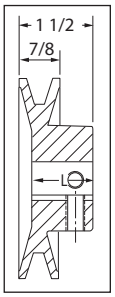
Light Duty Fixed Bore - MB (A, B, 4L & 5L V-Belts)

1 GROOVE

Part No.	Cross Ref.	D.D. A (4L) Belts	D.D. B (5L) Belts	O.D.	T	L	Max. Bore	App. Wt.
MB20	–	*1.25	1.65	2.00	5B	1-1/2	3/4	0.5
MB23	–	*1.50	1.90	2.25	6B	1-11/35	1	1.0
MB24	BK24	1.65	2.05	2.40	6B	1-1/2	1	1.0
MB25	BK25	*1.75	2.15	2.50	5B	1-1/2	1-1/8	1.0
MB26	BK26	1.85	2.25	2.60	5B	1-1/2	1-1/8	1.0
MB28	BK27	1.95	2.35	2.70	6B	1-3/8	1-1/8	1.0
MB30	BK28	2.20	2.60	2.95	6B	1-3/8	1-1/8	1.0
MB31	BK30	2.40	2.80	3.15	6B	1-3/8	1-1/8	1.0
MB33	–	2.50	2.90	3.25	6B	1-3/8	1-1/8	1.0
MB34	BK32	2.60	3.00	3.35	6B	1-3/8	1-1/8	1.0
MB35	BK34	2.80	3.20	3.55	6B	1-3/8	1-1/8	1.5
MB38	BK36	3.00	3.40	3.75	6B	1-1/4	1-1/8	1.5
MB40	BK40	3.20	3.60	3.95	6B	1-1/4	1-3/16	2.0
MB43	BK45	3.50	3.90	4.25	6W	1-1/4	1-3/16	2.0
MB45	BK47	3.70	4.10	4.45	6W	1-1/4	1-3/16	2.0
MB48	BK50	4.00	4.40	4.75	5W	1-1/2	1-1/4	2.5
MB50	BK52	4.20	4.60	4.95	5W	1-1/2	1-1/4	2.5
MB53	BK55	4.50	4.90	5.25	6W	1-5/16	1-3/16	3.0
MB55	BK57	4.70	5.10	5.45	5A	1-1/2	1-1/4	2.5
MB58	BK60	5.00	5.40	5.75	5A	1-1/2	1-3/16	2.5
MB60	BK62	5.20	5.60	5.95	5A	1-1/2	1-1/2	2.5
MB63	BK65	5.50	5.90	6.25	5A	1-1/2	1-5/16	3.0
MB65	BK67	5.70	6.10	6.45	5A	1-1/2	1-1/4	3.0
MB68	BK70	6.00	6.40	6.75	5A	1-1/2	1-7/16	4.0
MB70	BK72	6.20	6.60	6.95	5A	1-1/2	1-1/4	3.5
MB73	BK75	6.50	6.90	7.25	5A	1-1/2	1-3/8	3.5
MB75	BK77	6.70	7.10	7.45	5A	1-1/2	1-1/2	4.0
MB78	BK80	7.00	7.40	7.75	5A	1-1/2	1-7/16	4.0
MB80	–	7.25	7.65	8.00	5A	1-1/2	1-7/16	4.0
MB83	BK85	7.50	7.90	8.25	5A	1-1/2	1-7/16	4.5
MB88	BK90	8.00	8.40	8.75	5A	1-1/2	1-7/16	5.0
MB90	–	8.25	8.65	9.00	5A	1-1/2	1-7/16	5.0
MB93	BK95	8.50	8.90	9.25	5A	1-1/2	1-7/16	5.5
MB98	BK100	9.00	9.40	9.75	5A	1-1/2	1-7/16	6.0
MB100	–	9.25	9.65	10.00	5A	1-1/2	1-7/16	6.0
MB103	BK105	9.50	9.90	10.25	5A	1-1/2	1-5/8	6.5
MB108	BK110	10.00	10.40	10.75	5A	1-1/2	1-7/16	7.0
MB110	–	10.25	10.65	11.00	5A	1-1/2	1-5/8	7.0
MB113	BK115	10.50	10.90	11.25	5A	1-1/2	1-5/8	8.0
MB118	BK120	11.00	11.40	11.75	5A	1-1/2	1-5/8	8.0
MB120	–	11.25	11.65	12.00	5A	1-1/2	1-5/8	8.0
MB128	BK130	12.00	12.40	12.75	5A	1-1/2	1-5/8	9.0
MB138	BK140	13.00	13.40	13.75	5A	1-1/2	1-5/8	10.0
MB158	BK160	15.00	15.40	15.75	5A	1-1/2	1-5/8	12.0
MB188	BK190	18.00	18.40	18.75	5A	1-1/2	1-5/8	14.0



TYPE 5



TYPE 6

P.D. for "A" (4L) Belts = Datum Dia. + 0.35 = O.D. - 0.40
P.D. for "B" (5L) Belts = O.D.
* DO NOT use "A" or "4L" belts with these specific bores

Light Duty Fixed Bore - MB (A, B, 4L & 5L V-Belts)

1 GROOVE

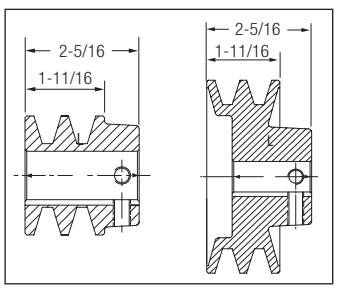
Part No.	Standard Bores Part Numbers										
	1/2	5/8	3/4	7/8	15/16	1	1-1/8	1-3/16	1-1/4	1-3/8	1-7/16
MB20	MB20X1/2	MB20X5/8	MB20X3/4	–	–	–	–	–	–	–	–
MB23	MB23X1/2	MB23X5/8	MB23X3/4	MB23X7/8	–	MB23X1	–	–	–	–	–
MB24	MB24X1/2	MB24X5/8	MB24X3/4	MB24X7/8	–	–	–	–	–	–	–
MB25	MB25X1/2	MB25X5/8	MB25X3/4	MB25X7/8	–	MB25X1	MB25X1-1/8	–	–	–	–
MB26	MB26X1/2	MB26X5/8	MB26X3/4	MB26X7/8	–	MB26X1	–	–	–	–	–
MB28	MB28X1/2	MB28X5/8	MB28X3/4	MB28X7/8	–	MB28X1	MB28X1-1/8	–	–	–	–
MB30	MB30X1/2	MB30X5/8	MB30X3/4	MB30X7/8	–	MB30X1	MB30X1-1/8	–	–	–	–
MB31	MB31X1/2	MB31X5/8	MB31X3/4	MB31X7/8	–	MB31X1	MB31X1-1/8	–	–	–	–
MB33	MB33X1/2	MB33X5/8	MB33X3/4	MB33X7/8	–	MB33X1	MB33X1-1/8	–	–	–	–
MB34	MB34X1/2	MB34X5/8	MB34X3/4	MB34X7/8	–	MB34X1	MB34X1-1/8	–	–	–	–
MB35	MB35X1/2	MB35X5/8	MB35X3/4	MB35X7/8	–	MB35X1	MB35X1-1/8	–	–	–	–
MB38	MB38X1/2	MB38X5/8	MB38X3/4	MB38X7/8	–	MB38X1	MB38X1-1/8	–	–	–	–
MB40	MB40X1/2	MB40X5/8	MB40X3/4	MB40X7/8	–	MB40X1	MB40X1-1/8	MB40X1-3/16	–	–	–
MB43	MB43X1/2	MB43X5/8	MB43X3/4	MB43X7/8	–	MB43X1	MB43X1-1/8	–	–	–	–
MB45	MB45X1/2	MB45X5/8	MB45X3/4	MB45X7/8	–	MB45X1	MB45X1-1/8	–	–	–	–
MB48	MB48X1/2	MB48X5/8	MB48X3/4	MB48X7/8	MB48X15/16	MB48X1	MB48X1-1/8	–	–	–	–
MB50	MB50X1/2	MB50X5/8	MB50X3/4	MB50X7/8	–	MB50X1	MB50X1-1/8	MB50X1-3/16	–	–	–
MB53	MB53X1/2	MB53X5/8	MB53X3/4	MB53X7/8	–	MB53X1	MB53X1-1/8	MB53X1-3/16	–	–	–
MB55	–	MB55X5/8	MB55X3/4	MB55X7/8	–	MB55X1	MB55X1-1/8	MB55X1-3/16	MB55X1-1/4	–	–
MB58	–	MB58X5/8	MB58X3/4	MB58X7/8	–	MB58X1	MB58X1-1/8	MB58X1-3/16	–	–	–
MB60	MB60X1/2	MB60X5/8	MB60X3/4	MB60X7/8	–	MB60X1	MB60X1-1/8	MB60X1-3/16	–	–	–
MB63	–	MB63X5/8	MB63X3/4	–	–	MB63X1	MB63X1-1/8	–	–	–	–
MB65	–	MB65X5/8	MB65X3/4	MB65X7/8	–	MB65X1	MB65X1-1/8	–	–	–	–
MB68	–	MB68X5/8	MB68X3/4	–	–	MB68X1	MB68X1-1/8	MB68X1-3/16	–	–	–
MB70	–	–	MB70X3/4	–	–	MB70X1	MB70X1-1/8	MB70X1-3/16	–	–	MB70X1-7/16
MB73	–	–	MB73X3/4	–	–	MB73X1	MB73X1-1/8	MB73X1-3/16	–	–	–
MB75	–	–	MB75X3/4	–	–	MB75X1	MB75X1-1/8	–	–	MB75X1-3/8	–
MB78	–	MB78X5/8	MB78X3/4	MB78X7/8	–	MB78X1	MB78X1-1/8	MB78X1-3/16	MB78X1-1/4	MB78X1-3/8	MB78X1-7/16
MB80	–	–	MB80X3/4	MB80X7/8	–	MB80X1	MB80X1-1/8	–	–	–	–
MB83	–	–	MB83X3/4	–	–	MB83X1	MB83X1-1/8	–	–	MB83X1-3/8	MB83X1-7/16
MB88	–	MB88X5/8	MB88X3/4	MB88X7/8	MB88X15/16	MB88X1	MB88X1-1/8	MB88X1-3/16	–	–	MB88X1-7/16
MB90	–	–	MB90X3/4	–	–	MB90X1	–	–	–	–	MB90X1-7/16
MB93	–	–	MB93X3/4	–	–	MB93X1	MB93X1-1/8	–	–	MB93X1-3/8	MB93X1-7/16
MB98	–	–	MB98X3/4	MB98X7/8	MB98X15/16	MB98X1	MB98X1-1/8	MB98X1-3/16	–	–	MB98X1-7/16
MB100	–	MB100X5/8	MB100X3/4	–	–	MB100X1	MB100X1-1/8	MB100X1-3/16	–	MB100X1-3/8	–
MB103	–	–	–	–	–	MB103X1	–	–	–	–	–
MB108	–	–	MB108X3/4	–	–	MB108X1	MB108X1-1/8	MB108X1-3/16	–	MB108X1-3/8	MB108X1-7/16
MB110	–	–	–	–	–	MB110X1	–	–	–	–	MB110X1-7/16
MB113	–	–	MB113X3/4	–	–	MB113X1	–	–	–	–	MB113X1-7/16
MB118	–	–	MB118X3/4	–	–	MB118X1	–	MB118X1-3/16	MB118X1-1/4	–	MB118X1-7/16
MB120	–	–	–	–	–	MB120X1	–	MB120X1-3/16	–	–	MB120X1-7/16
MB128	–	–	MB128X3/4	–	–	MB128X1	MB128X1-1/8	MB128X1-3/16	MB128X1-1/4	–	MB128X1-7/16
MB138	–	–	MB138X3/4	–	–	MB138X1	MB138X1-1/8	MB138X1-3/16	–	–	MB138X1-7/16
MB158	–	–	–	–	–	MB158X1	MB158X1-1/8	MB158X1-3/16	MB158X1-1/4	–	MB158X1-7/16
MB188	–	–	–	–	–	MB188X1	–	MB188X1-3/16	MB188X1-1/4	–	MB188X1-7/16

Light Duty Fixed Bore - 2MB (A & B V-Belts)

2 GROOVES

Part No.	Cross Ref.	D.D. A Belts	D.D. B Belts	O.D.	T	L	Max. Bore	App. Wt.
2MB20	–	*1.35	1.75	2.00	7B	2-1/8	7/8	1.0
2MB23	–	*1.60	2.00	2.25	8B	2-5/16	7/8	1.0
2MB25	2BK25	*1.90	2.30	2.50	7B	2-5/16	1-1/8	1.5
2MB28	2BK27	2.10	2.50	2.70	8B	1-15/16	1-1/8	1.5
2MB30	2BK28	2.20	2.60	2.95	8B	1-15/16	1-1/8	2.0
2MB32	2BK30	2.40	2.80	3.15	8B	1-7/8	1-1/8	2.0
2MB33	–	2.50	2.90	3.25	8B	1-7/8	1-1/8	2.0
2MB34	2BK32	2.60	3.00	3.35	8B	1-15/16	1-1/8	3.0
2MB35	2BK34	2.80	3.20	3.55	8B	1-7/8	1-1/8	2.5
2MB38	2BK36	3.00	3.40	3.75	8B	1-7/8	1-3/8	3.0
2MB40	2BK40	3.20	3.60	3.95	8B	1-11/16	1-3/16	3.0
2MB43	2BK45	3.50	3.90	4.25	8W	1-13/16	1-3/8	4.0
2MB45	2BK47	3.70	4.10	4.45	8W	1-13/16	1-1/4	4.0
2MB48	2BK50	4.00	4.40	4.75	8W	1-13/16	1-1/4	4.0
2MB50	2BK52	4.20	4.60	4.95	8W	1-11/16	1-1/4	4.5
2MB53	2BK55	4.50	4.90	5.25	8W	1-13/16	1-3/8	5.0
2MB55	2BK57	4.70	5.10	5.45	8W	1-13/16	1-3/8	5.0
2MB58	2BK60	5.00	5.40	5.75	8W	1-13/16	1-3/8	5.0
2MB60	2BK62	5.20	5.60	5.95	8W	1-13/16	1-3/8	6.0
2MB63	2BK65	5.50	5.90	6.25	8A	1-13/16	1-11/16	6.0
2MB65	2BK67	5.70	6.10	6.45	8A	1-11/16	1-11/16	6.0
2MB68	2BK70	6.00	6.40	6.75	8A	1-13/16	1-11/16	6.0
2MB70	–	6.25	6.65	7.00	8A	1-13/16	1-11/16	6.0
2MB78	2BK80	7.00	7.40	7.75	8A	1-13/16	1-11/16	7.0
2MB80	–	7.25	7.65	8.00	8A	1-13/16	1-11/16	8.0
2MB88	2BK90	8.00	8.40	8.75	8A	1-13/16	1-11/16	8.0
2MB90	–	8.25	8.65	9.00	8A	1-11/16	1-11/16	9.0
2MB98	2BK100	9.00	9.40	9.75	8A	1-13/16	1-11/16	10.0
2MB100	–	9.25	9.65	10.00	8A	1-13/16	1-11/16	10.0
2MB108	2BK110	10.00	10.40	10.75	8A	1-13/16	1-11/16	13.0
2MB110	–	10.25	10.65	11.00	8A	1-13/16	1-11/16	13.0
2MB118	2BK120	11.00	11.40	11.75	8A	1-13/16	1-11/16	10.0
2MB120	–	11.25	11.65	12.00	8A	1-11/16	1-11/16	15.0
2MB128	2BK130	12.00	12.40	12.75	8A	1-13/16	1-7/8	15.0
2MB138	2BK140	13.00	13.40	13.75	8A	1-13/16	1-7/8	17.0
2MB158	2BK160	15.00	15.40	15.75	8A	1-13/16	1-7/8	18.0
2MB188	2BK190	18.00	18.40	18.75	8A	1-13/16	1-7/8	26.0

P.D. for "A" Belts = Datum Dia. + 0.35 = O.D. - 0.40
P.D. for "B" Belts = O.D.
* DO NOT use "A" belts with these specific bores



TYPE 7 TYPE 8

KEYSEAT INFORMATION

Bore Range	Keyseat
1/2	None
5/8 to 7/8	3/16 X 3/32
15/16 to 1-1/4	1/4 X 1/8
1-5/16 to 1-3/8	5/16 X 5/32
1-7/16 to 1-3/4	3/8 X 3/16

Light Duty Fixed Bore - 2MB (A & B V-Belts)

2 GROOVES

Part No.	Standard Bores Part Numbers										
	1/2	5/8	3/4	7/8	15/16	1	1-1/8	1-3/16	1-1/4	1-3/8	1-7/16
2MB20	2MB20X1/2	2MB20X5/8	2MB20X3/4	2MB20X7/8	–	–	–	–	–	–	–
2MB23	–	2MB23X5/8	–	2MB23X7/8	–	–	–	–	–	–	–
2MB25	2MB25X1/2	2MB25X5/8	2MB25X3/4	2MB25X7/8	–	2MB25X1	2MB25X1-1/8	–	–	–	–
2MB28	2MB28X1/2	2MB28X5/8	2MB28X3/4	2MB28X7/8	–	2MB28X1	2MB28X1-1/8	–	–	–	–
2MB30	2MB30X1/2	2MB30X5/8	2MB30X3/4	2MB30X7/8	–	2MB30X1	2MB30X1-1/8	–	–	2MB30X1-3/8	–
2MB32	2MB32X1/2	2MB32X5/8	2MB32X3/4	2MB32X7/8	–	2MB32X1	2MB32X1-1/8	–	–	–	–
2MB33	–	2MB33X5/8	2MB33X3/4	2MB33X7/8	–	2MB33X1	2MB33X1-1/8	–	–	–	–
2MB34	–	2MB34X5/8	–	2MB34X7/8	–	2MB34X1	2MB34X1-1/8	–	–	–	–
2MB35	–	2MB35X5/8	2MB35X3/4	2MB35X7/8	–	2MB35X1	2MB35X1-1/8	–	–	–	–
2MB38	–	2MB38X5/8	2MB38X3/4	2MB38X7/8	–	2MB38X1	2MB38X1-1/8	–	–	2MB38X1-3/8	–
2MB40	–	2MB40X5/8	2MB40X3/4	2MB40X7/8	–	2MB40X1	2MB40X1-1/8	–	2MB40X1-1/4	–	–
2MB43	–	–	–	–	–	–	2MB43X1-1/8	–	–	2MB43X1-3/8	–
2MB45	–	2MB45X5/8	–	2MB45X7/8	–	2MB45X1	2MB45X1-1/8	–	–	–	–
2MB48	–	–	2MB48X3/4	–	–	2MB48X1	2MB48X1-1/8	–	–	–	–
2MB50	–	2MB50X5/8	2MB50X3/4	2MB50X7/8	–	2MB50X1	2MB50X1-1/8	–	2MB50X1-1/4	–	–
2MB53	–	–	–	2MB53X7/8	–	2MB53X1	2MB53X1-1/8	–	–	2MB53X1-3/8	–
2MB55	–	–	2MB55X3/4	2MB55X7/8	–	2MB55X1	2MB55X1-1/8	–	–	2MB55X1-3/8	–
2MB58	–	–	–	–	–	2MB58X1	2MB58X1-1/8	–	–	2MB58X1-3/8	–
2MB60	–	–	–	2MB60X7/8	–	2MB60X1	2MB60X1-1/8	–	–	–	–
2MB63	–	–	–	–	–	2MB63X1	2MB63X1-1/8	–	–	2MB63X1-3/8	–
2MB65	–	–	2MB65X3/4	–	–	2MB65X1	2MB65X1-1/8	–	–	2MB65X1-3/8	–
2MB68	–	–	–	–	–	2MB68X1	2MB68X1-1/8	2MB68X1-3/16	–	2MB68X1-3/8	2MB68X1-7/16
2MB70	–	–	–	2MB70X7/8	–	2MB70X1	2MB70X1-1/8	–	–	–	–
2MB78	–	–	2MB78X3/4	2MB78X7/8	–	2MB78X1	2MB78X1-1/8	2MB78X1-3/16	2MB78X1-1/4	–	2MB78X1-7/16
2MB80	–	–	–	–	–	2MB80X1	2MB80X1-1/8	–	–	2MB80X1-3/8	–
2MB88	–	–	2MB88X3/4	–	–	2MB88X1	2MB88X1-1/8	2MB88X1-3/16	2MB88X1-1/4	2MB88X1-3/8	2MB88X1-7/16
2MB90	–	–	–	–	–	2MB90X1	–	–	–	–	–
2MB98	–	–	2MB98X3/4	–	–	2MB98X1	2MB98X1-1/8	2MB98X1-3/16	–	–	2MB98X1-7/16
2MB100	–	–	–	–	–	2MB100X1	–	–	–	–	–
2MB108	–	–	–	–	–	2MB108X1	–	2MB108X1-3/16	2MB108X1-1/4	–	2MB108X1-7/16
2MB110	–	–	–	–	–	2MB110X1	–	–	–	–	–
2MB118	–	–	–	–	–	2MB118X1	–	2MB118X1-3/16	2MB118X1-1/4	–	2MB118X1-7/16
2MB120	–	–	–	–	–	2MB120X1	–	–	2MB120X1-1/4	–	–
2MB128	–	–	–	–	–	2MB128X1	–	2MB128X1-3/16	–	–	2MB128X1-7/16
2MB138	–	–	–	–	–	2MB138X1	–	2MB138X1-3/16	2MB138X1-1/4	–	2MB138X1-7/16
2MB158	–	–	–	–	–	2MB158X1	–	2MB158X1-3/16	–	–	2MB158X1-7/16
2MB188	–	–	–	–	–	–	–	2MB188X1-3/16	–	–	2MB188X1-7/16

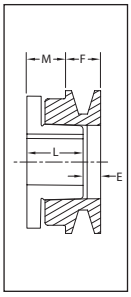
Light Duty Bushed - MAL (A & 3L-4L V-Belts)

This entire product series uses the “H” bushing

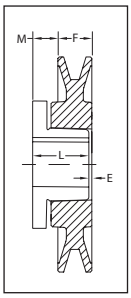
1 GROOVE

Part No.	Cross Ref.	D.D. (3L) Belts	D.D. A (4L) Belts	O.D.	Type	Dimensions*				Wt. (lbs.)
						E	F	H	M	
MAL30	AK30H	2.46	2.8	3.05	1B	3/8	3/4	1-11/32	31/32	1.15
MAL32	AK32H	2.66	3.0	3.25	1B	3/8	3/4	1-11/32	31/32	1.30
MAL34	AK34H	2.86	3.2	3.45	1B	3/32	3/4	1-11/32	11/16	1.20
MAL37	AK39H	3.16	3.5	3.75	1B	3/32	3/4	1-11/32	11/16	1.50
MAL39	AK41H	3.36	3.7	3.95	1B	3/32	3/4	1-11/32	11/16	1.75
MAL42	AK44H	3.66	4.0	4.25	1B	3/32	3/4	1-11/32	11/16	2.05
MAL44	AK46H	3.86	4.2	4.45	1B	3/32	3/4	1-11/32	11/16	2.25
MAL47	AK49H	4.16	4.5	4.75	3W	3/32	3/4	1-11/32	11/16	2.10
MAL49	AK51H	4.36	4.7	4.95	3W	3/32	3/4	1-11/32	11/16	2.35
MAL52	AK54H	4.66	5.0	5.25	3W	3/32	3/4	1-11/32	11/16	2.65
MAL54	AK56H	4.86	5.2	5.45	3W	3/32	3/4	1-11/32	11/16	2.75
MAL57	AK59H	5.16	5.5	5.75	5A	3/32	3/4	1-11/32	11/16	2.60
MAL59	AK61H	5.36	5.7	5.95	5A	3/32	3/4	1-11/32	11/16	2.50
MAL62	AK64H	5.66	6.0	6.25	5A	3/32	3/4	1-11/32	11/16	2.60
MAL64	AK66H	5.86	6.2	6.45	5A	3/32	3/4	1-11/32	11/16	2.70
MAL67	AK69H	6.16	6.5	6.75	5A	3/32	3/4	1-11/32	11/16	2.85
MAL69	AK71H	6.36	6.7	6.95	5A	3/32	3/4	1-11/32	11/16	2.90
MAL72	AK74H	6.66	7.0	7.25	5A	3/32	3/4	1-11/32	11/16	3.10
MAL77	AK79H	7.16	7.5	7.75	5A	3/32	3/4	1-11/32	11/16	3.35
MAL82	AK84H	7.66	8.0	8.25	5A	1/8	3/4	1-11/32	23/32	3.85
MAL87	AK89H	8.16	8.5	8.75	5A	3/32	3/4	1-11/32	11/16	4.10
MAL92	AK94H	8.66	9.0	9.25	5A	3/32	3/4	1-11/32	11/16	4.40
MAL97	AK99H	9.16	9.5	9.75	5A	3/32	3/4	1-11/32	11/16	4.60
MAL102	AK104H	9.66	10.0	10.25	5A	3/32	3/4	1-11/32	11/16	4.90
MAL107	AK109H	10.16	10.5	10.75	5A	3/32	3/4	1-11/32	11/16	5.20
MAL112	AK114H	10.66	11.0	11.25	5A	3/32	3/4	1-11/32	11/32	5.55
MAL122	AK124H	11.66	12.0	12.25	5A	3/32	3/4	1-11/32	11/16	5.90
MAL132	AK134H	12.66	13.0	13.25	5A	3/32	3/4	1-11/32	11/16	6.55
MAL142	AK144H	13.66	14.0	14.25	5A	3/32	3/4	1-11/32	11/16	7.30
MAL152	AK155H	14.66	15.0	15.25	5A	3/32	3/4	1-11/32	11/16	9.80
MAL182	AK184H	17.66	18.0	18.25	5A	3/32	3/4	1-11/32	11/16	9.95

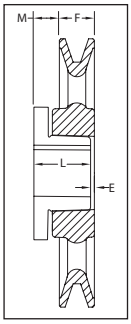
P.D. for “A” (4L) Belts = O.D.
P.D. for “3L” Belts = D.D.+0.25 = O.D.-0.34
* Dimensions to closest fraction
Legend: “E” and “M” dimensions may vary according to shaft tolerance.
With "H" bushing only reverse mounting is possible. See pages 15-17 for installation instructions and bushing selection.



TYPE 1



TYPE 3



TYPE 5

Light Duty Bushed - 2MAL (A V-Belts)

This entire product series uses the “H” bushing

2 GROOVES

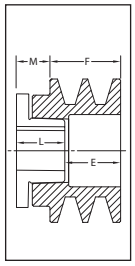
Part No.	Cross Ref.	D.D. A Belts	O.D.	Type	Dimensions*				Wt. (lbs.)
					E	F	H	M	
2MAL30	2AK30H	2.8	3.05	2B	1	1-3/8	1-11/32	31/32	1.70
2MAL32	2AK32H	3.0	3.25	2B	1	1-3/8	1-11/32	31/32	1.90
2MAL34	2AK34H	3.2	3.45	2B	23/32	1-3/8	1-11/32	11/16	1.90
2MAL37	2AK39H	3.5	3.75	2B	23/32	1-3/8	1-11/32	11/16	2.15
2MAL39	2AK41H	3.7	3.95	4B	3/32	1-3/8	1-11/32	1/16	2.30
2MAL42	2AK44H	4.0	4.25	4B	3/32	1-3/8	1-11/32	1/16	2.75
2MAL44	2AK46H	4.2	4.45	4W	3/32	1-3/8	1-11/32	1/16	2.85
2MAL47	2AK49H	4.5	4.75	4W	3/32	1-3/8	1-11/32	1/16	3.50
2MAL49	2AK51H	4.7	4.95	4W	3/32	1-3/8	1-11/32	1/16	3.70
2MAL52	2AK54H	5.0	5.25	4W	3/32	1-3/8	1-11/32	1/16	4.05
2MAL54	2AK56H	5.2	5.45	4W	3/32	1-3/8	1-11/32	1/16	4.20
2MAL57	2AK59H	5.5	5.75	6A	3/32	1-3/8	1-11/32	1/16	3.90
2MAL59	2AK61H	5.7	5.95	6A	3/32	1-3/8	1-11/32	1/16	4.05
2MAL62	2AK64H	6.0	6.25	6A	3/32	1-3/8	1-11/32	1/16	4.50
2MAL72	2AK74H	7.0	7.25	6A	3/32	1-3/8	1-11/32	1/16	5.70
2MAL82	2AK84H	8.0	8.25	6A	3/32	1-3/8	1-11/32	1/16	6.50
2MAL92	2AK94H	9.0	9.25	6A	3/32	1-3/8	1-11/32	1/16	7.80
2MAL102	2AK104H	10.0	10.25	6A	3/32	1-3/8	1-11/32	1/16	8.80
2MAL112	2AK114H	11.0	11.25	6A	3/32	1-3/8	1-11/32	1/16	9.50
2MAL122	2AK124H	12.0	12.25	6A	3/32	1-3/8	1-11/32	1/16	10.60
2MAL132	2AK134H	13.0	13.25	6A	3/32	1-3/8	1-11/32	1/16	11.90
2MAL142	2AK144H	14.0	14.25	6A	3/32	1-3/8	1-11/32	1/16	12.45
2MAL152	2AK155H	15.0	15.25	6A	3/32	1-3/8	1-11/32	1/16	14.00
2MAL182	2AK184H	18.0	18.25	6A	3/32	1-3/8	1-11/32	1/16	17.95

P.D. for “A” Belts = O.D.

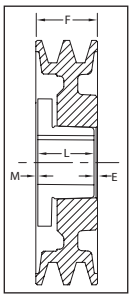
* Dimensions to closest fraction

Legend: “E” and “M” dimensions may vary according to shaft tolerance.

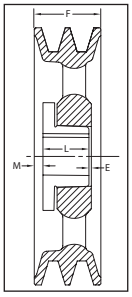
With "H" bushing only reverse mounting is possible. See pages 15-17 for installation instructions and bushing selection.



TYPE 2



TYPE 4



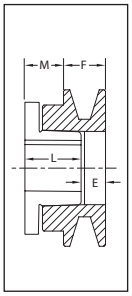
TYPE 6

Light Duty Bushed - MBL (A-B & 4L-5L V-Belts)

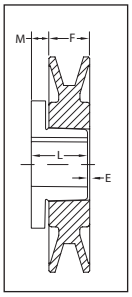
This entire product series uses the “H” bushing

1 GROOVE

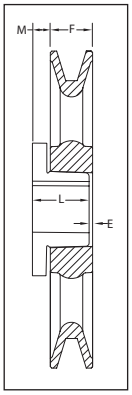
Part No.	Cross. Refer.	D.D. A (4L) Belts	D.D. B (5L) Belts	O.D.	Type	Dimensions*				Wt. (lbs.)
						E	F	H	M	
MBL31	BK30H	2.40	2.80	3.15	1B	17/32	29/32	1-11/32	63/64	1.25
MBL33	BK32H	2.60	3.00	3.35	1B	17/32	29/32	1-11/32	63/64	1.40
MBL35	BK34H	2.80	3.20	3.55	1B	17/32	29/32	1-11/32	63/64	1.65
MBL37	BK36H	3.00	3.40	3.75	3B	3/32	29/32	1-11/32	17/32	1.40
MBL39	BK40H	3.20	3.60	3.95	3B	3/32	29/32	1-11/32	17/32	1.70
MBL42	BK45H	3.50	3.90	4.25	3B	3/32	29/32	1-11/32	17/32	2.05
MBL44	BK47H	3.70	4.10	4.45	3B	3/32	29/32	1-11/32	17/32	2.35
MBL47	BK50H	4.00	4.40	4.75	3W	3/32	29/32	1-11/32	17/32	1.95
MBL49	BK52H	4.20	4.60	4.95	3W	3/32	29/32	1-11/32	17/32	2.40
MBL52	BK55H	4.50	4.90	5.25	3W	3/32	29/32	1-11/32	17/32	2.35
MBL54	BK57H	4.70	5.10	5.45	3W	3/32	29/32	1-11/32	17/32	2.90
MBL57	BK60H	5.00	5.40	5.75	5W	3/32	29/32	1-11/32	17/32	2.45
MBL59	BK62H	5.20	5.60	5.95	5W	3/32	29/32	1-11/32	17/32	2.80
MBL62	BK65H	5.50	5.90	6.25	5W	3/32	29/32	1-11/32	17/32	2.70
MBL64	BK67H	5.70	6.10	6.45	5W	3/32	29/32	1-11/32	17/32	2.80
MBL67	BK70H	6.00	6.40	6.75	5A	3/32	29/32	1-11/32	17/32	3.00
MBL69	BK72H	6.20	6.60	6.95	5A	3/32	29/32	1-11/32	17/32	3.60
MBL72	BK75H	6.50	6.90	7.25	5A	3/32	29/32	1-11/32	17/32	3.45
MBL74	BK77H	6.70	7.10	7.45	5A	3/32	29/32	1-11/32	17/32	3.65
MBL77	BK80H	7.00	7.40	7.75	5A	3/32	29/32	1-11/32	17/32	3.80
MBL82	BK85H	7.50	7.90	8.25	5A	3/32	29/32	1-11/32	17/32	4.55
MBL87	BK90H	8.00	8.40	8.75	5A	3/32	29/32	1-11/32	17/32	5.10
MBL92	BK95H	8.50	8.90	9.25	5A	3/32	29/32	1-11/32	17/32	5.30
MBL97	BK100H	9.00	9.40	9.75	5A	3/32	29/32	1-11/32	17/32	5.80
MBL102	BK105H	9.50	9.90	10.25	5A	3/32	29/32	1-11/32	17/32	5.50
MBL107	BK110H	10.00	10.40	10.75	5A	3/32	29/32	1-11/32	17/32	5.85
MBL112	BK115H	10.50	10.90	11.25	5A	3/32	29/32	1-11/32	17/32	7.20
MBL117	BK120H	11.00	11.40	11.75	5A	3/32	29/32	1-11/32	17/32	6.59
MBL127	BK130H	12.00	12.40	12.75	5A	3/32	29/32	1-11/32	17/32	7.90
MBL137	BK140H	13.00	13.40	13.75	5A	3/32	29/32	1-11/32	17/32	10.15
MBL147	BK150H	14.00	14.40	14.75	5A	3/32	29/32	1-11/32	17/32	13.25
MBL157	BK160H	15.00	15.40	15.75	5A	3/32	29/32	1-11/32	17/32	16.05
MBL187	BK190H	18.00	18.40	18.75	5A	3/32	29/32	1-11/32	17/32	12.45



TYPE 1



TYPE 3



TYPE 5

P.D. for “A” (4L) Belts = Datum.Dia. + 0.35 = O.D. - 0.40

P.D. for “B” (5L) Belts = O.D.

* Dimensions to closest fraction

Legend: “E” and “M” dimensions may vary according to shaft tolerance.

With "H" bushing only reverse mounting is possible. See pages 15-17 for installation instructions and bushing selection.

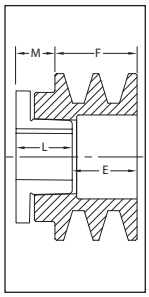
Light Duty Bushed - 2MBL (A-B V-Belts)

This entire product series uses the “H” bushing

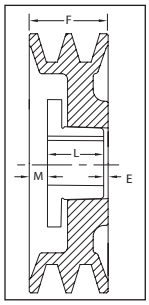
2 GROOVES

Part No.	Cross Refer.	D.D. A Belts	D.D. B Belts	O.D.	Type	Dimensions*				Wt. (lbs.)
						E	F	H	M	
2MBL33	2BK32H	2.60	3.00	3.35	2B	1-3/8	1-3/4	1-11/32	31/32	2.35
2MBL35	2BK34H	2.80	3.20	3.55	2B	1-3/8	1-3/4	1-11/32	31/32	2.55
2MBL37	2BK36H	3.00	3.40	3.75	2B	1-3/8	1-3/4	1-11/32	31/32	3.00
2MBL39	2BK40H	3.20	3.60	3.95	2B	15/16	1-3/4	1-11/32	17/32	2.80
2MBL42	2BK45H	3.50	3.90	4.25	2B	15/16	1-3/4	1-11/32	17/32	3.25
2MBL44	2BK47H	3.70	4.10	4.45	2B	15/16	1-3/4	1-11/32	17/32	3.35
2MBL47	2BK50H	4.00	4.40	4.75	4W	3/32	1-3/4	1-11/32	5/16	3.85
2MBL49	2BK52H	4.20	4.60	4.95	4W	3/32	1-3/4	1-11/32	5/16	4.00
2MBL52	2BK55H	4.50	4.90	5.25	4W	3/32	1-3/4	1-11/32	5/16	4.40
2MBL54	2BK57H	4.70	5.10	5.45	4W	3/32	1-3/4	1-11/32	5/16	4.95
2MBL57	2BK60H	5.00	5.40	5.75	4W	3/32	1-3/4	1-11/32	5/16	5.30
2MBL59	2BK62H	5.20	5.60	5.95	4W	3/32	1-3/4	1-11/32	5/16	5.80
2MBL62	2BK65H	5.50	5.90	6.25	6A	1/16	1-3/4	1-11/32	11/32	5.40
2MBL64	2BK67H	5.70	6.10	6.45	6A	1/16	1-3/4	1-11/32	11/32	5.85
2MBL67	2BK70H	6.00	6.40	6.75	6A	1/16	1-3/4	1-11/32	11/32	5.55
2MBL69	–	6.20	6.60	6.95	6A	1/16	1-3/4	1-11/32	11/32	6.65
2MBL77	2BK80H	7.00	7.40	7.75	6A	1/16	1-3/4	1-11/32	11/32	6.85
2MBL87	2BK90H	8.00	8.40	8.75	6A	1/16	1-3/4	1-11/32	11/32	9.65
2MBL97	2BK100H	9.00	9.40	9.75	6A	1/16	1-3/4	1-11/32	11/32	9.20
2MBL107	2BK110H	10.00	10.40	10.75	6A	1/16	1-3/4	1-11/32	11/32	12.80
2MBL117	2BK120H	11.00	11.40	11.75	6A	1/16	1-3/4	1-11/32	11/32	14.65
2MBL127	2BK130H	12.00	12.40	12.75	6A	1/16	1-3/4	1-11/32	11/32	14.15
2MBL137	2BK140H	13.00	13.40	13.75	6A	1/16	1-3/4	1-11/32	11/32	14.95
2MBL157	2BK160H	15.00	15.40	15.75	6A	1/16	1-3/4	1-11/32	11/32	18.70
2MBL187	2BK190H	18.00	18.40	18.75	6A	1/16	1-3/4	1-11/32	11/32	24.20

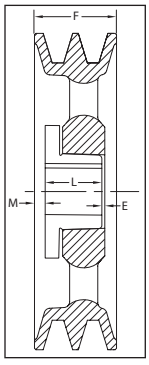
P.D. for “A” Belts = Datum.Dia. + 0.35 = O.D. - 0.40
P.D. for “B” Belts = O.D.
* Dimensions to closest fraction
Legend: “E” and “M” dimensions may vary according to shaft tolerance.
With "H" bushing only reverse mounting is possible. See pages 15-17 for installation instructions and bushing selection.



TYPE 2



TYPE 4



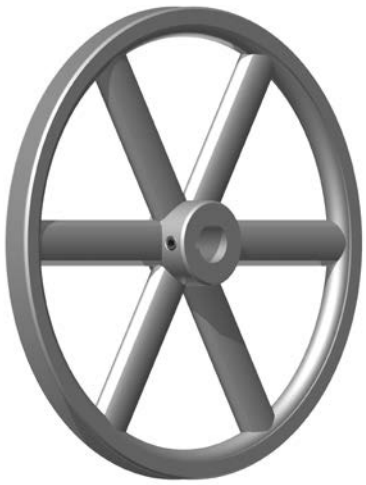
TYPE 6

FEATURES/BENEFITS

BALDOR · DODGE

Fractional Horsepower Series (F.H.P.)

Fractional Horsepower Series MFAL
(Fixed Bore A & 4L V-Belt Series)



Features:

- Stock items include one set screw with standard keyseat

Caution: DO NOT use "A" gripnotch belts ratings with MFAL and MFAM sheaves.

HOW TO ORDER

EXAMPLE: **MFAL104X3/4**

M	FAL	104	X	3/4

M: LIGHT DUTY FAMILY

FAL: FRACTIONAL HORSEPOWER SERIES

104: OUTSIDE DIAMETER (10 IN.) (REFER TO THE DIMENSIONS TABLE FOR EXACT VALUE)

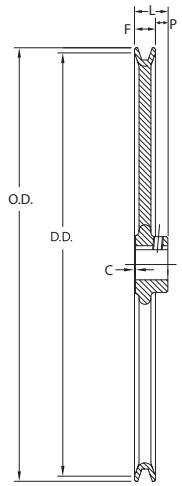
3/4: BORE SIZE (3/4 IN.)

Fractional Horsepower Series (F.H.P.)

DIMENSIONS

Part No.	Cross Ref.	Diameter		Stock Bore Part Numbers				Dimensions				Wt. (lbs.)
		Outside	D.D. A (4L)	5/8	3/4	7/8	1	F	L	P	C	
MFAL54*	AL 54	4.93	4.78	MFAL54X5/8	MFAL54X3/4	7/8	MFAL54X1	19/32	1-1/16	15/32	–	1.1
MFAL64*	AL 64	5.93	5.78	MFAL64X5/8	MFAL64X3/4	–	MFAL64X1	19/32	1-1/16	15/32	–	1.5
MFAL74*	AL 74	6.93	6.78	MFAL74X5/8	MFAL74X3/4	–	MFAL74X1	19/32	1-1/16	15/32	–	1.75
MFAL84*	AL 84	7.93	7.78	MFAL84X5/8	MFAL84X3/4	–	MFAL84X1	19/32	1-1/16	15/32	–	2.2
MFAL94	AL 94	8.93	8.78	–	MFAL94X3/4	–	MFAL94X1	19/32	1-1/16	15/32	–	3.0
MFAL104	AL 104	9.93	9.78	–	MFAL104X3/4	MFAL94X7/8	MFAL104X1	19/32	1-1/16	15/32	–	2.7
MFAL114	AL 114	10.93	10.78	–	MFAL114X3/4	–	MFAL114X1	19/32	1-1/16	15/32	–	3.1
MFAL124	AL 124	11.93	11.78	–	MFAL124X3/4	–	MFAL124X1	19/32	1-1/16	15/32	–	3.5
MFAM144	AM 144	14.16	14.00	–	–	–	MFAM144X1	11/16	1-3/32	13/32	1/32	5.2

***Note:** This item is packaged 10 per carton.
Pitch Dia. for "A" (4L) belts = Datum Dia. +.26 = O.D. +.11



KEYSEAT INFORMATION

Bore Range	Keyseat
1/2	None
5/8 to 7/8	3/16 X 3/32
15/16 to 1-1/4	1/4 X 1/8

Adjustable Pitch Sheaves

Adjustable speed sheaves are used primarily in the air handling industry. Optimal fan working speed is easily obtained by simply adjusting one of the pulleys.

Features:

- Adjustable pitch sheaves are made of durable gray cast iron class 30
- Line covers from fractional light duty (less than 1 HP) to heavy duty (40 HP) applications

Note:

- **DO NOT** use these gray cast iron sheaves with rim speeds in excess of 6500 ft./min. Note that the maximum RPM indicated on the arm of the sheave is based on the 6500 ft./min. limit, and doesn't take into consideration the need for dynamic balancing (two planes). Please verify the validity of dynamic balancing in your application. All operational PT products when used in a drive are potentially dangerous and must be guarded by the user as required by applicable laws, regulations, standards and good safety practice. (Refer to ANSI standard B15.1)
- Regardless of the equipment used, Baldor recommends NOT reboring adjustable pitch pulleys. The concentricity may be lost.

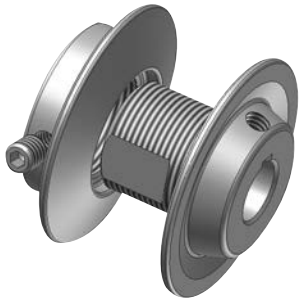
Adjustable Pitch MVL

Features:

- HVAC applications
- Designed for applications up to 5 HP
- Bore range 1/2 in. to 7/8 in.
- Bulk packaged 20 per carton
- Designed to be used with the MFAL series

Note:

DO NOT use “B” gripnotch belt ratings with MVL sheaves.



HOW TO ORDER

EXAMPLE: **MVL30X5/8**

MVL	30	X	5/8

MVL: ADJUSTABLE PITCH SHEAVE SERIES
30: APPROXIMATE OUTSIDE DIAMETER 2.87 IN.
5/8: BORE SIZE (5/8 in.)
Bore size: Inch bore sizes are designated with the whole inch followed by the fraction. For example, a 1.5 in. diameter bore would be 1-1/2 in.

Pulley Adjustment

Modify the sheave pitch diameter by rotating the adjustable flange on the threaded hub of the pulley. Once the required diameter is obtained, tighten the adjusting screw(s) on one of the two flat surfaces.

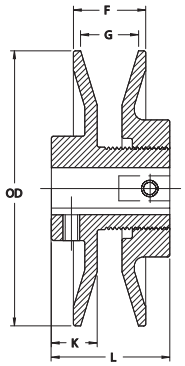
SELECTION

BALDOR · DODGE®

Adjustable Pitch MVL

DIMENSIONS

Part No.	Cross Ref.	O.D.	Dimensions						Wt. (lbs.)
			F		G		L	K	
			Max.	Min.	Max.	Min.			
MVL25	VL25	2.50	27/32	19/32	5/8	3/8	1-1/2	37/64	0.8
MVL30	VL30	2.87	27/32	19/32	5/8	3/8	1-1/2	37/64	1.0
MVL34	VL34	3.15	1-5/64	23/32	7/8	1/2	1-11/16	37/64	1.1
MVL40	VL40	3.75	1-3/32	45/64	7/8	1/2	1-11/16	37/64	1.5
MVL44	VL44	4.15	1-3/32	45/64	7/8	1/2	1-11/16	37/64	1.8
1VM50	1VM50	4.75	1-1/16	11/16	7/8	1/2	1-7/8	21/32	2.8



Part No.	Dimensions					
	1/2	5/8	3/4	7/8	14mm	19mm
MVL25	MVL25X1/2	MVL25X5/8	–	–	–	–
MVL30	MVL30X1/2	MVL30X5/8	–	–	–	–
MVL34	MVL34X1/2	MVL34X5/8	MVL34X3/4	–	–	–
MVL40	MVL40X1/2	MVL40X5/8	MVL40X3/4	MVL40X7/8	–	–
MVL44	MVL44X1/2	MVL44X5/8	MVL44X3/4	MVL44X7/8	MVL44X14mm	MVL44X19mm
1VM50	1VM50X1/2	1VM50X5/8	1VM50X3/4	1VM50X7/8	–	–

DATUM DIAMETERS

	Part No.	Datum Diameter, Inches									
		Min.	Max.	0 Turn Close	1 Turn Open	2 Turns Open	3 Turns Open	4 Turns Open	5 Turns Open	6 Turns Open	7 Turns Open
3L Belt	**MVL25**	1.6	2.4	2.4	2.2	2.0	1.8	1.6	–	–	–
	MVL30	1.8	2.6	2.6	2.4	2.2	2.0	1.8	–	–	–
	MVL34	1.7	2.5	2.5	2.3	2.1	1.9	1.7	–	–	–
	MVL40	2.3	3.1	3.1	2.9	2.7	2.5	2.3	–	–	–
	MVL44	2.7	3.5	3.5	3.3	3.1	2.9	2.7	–	–	–
	1VM50	3.3	4.1	4.1	3.9	3.7	3.5	3.3	–	–	–
A (4L) Belt	**MVL25**	1.6	2.2	–	–	2.2	2.0	1.8	1.6	–	–
	MVL30	2.0	2.6	–	–	2.6	2.4	2.2	2.0	–	–
	MVL34	1.9	2.9	2.9	2.7	2.5	2.3	2.1	1.9	–	–
	MVL40	2.4	3.4	3.4	3.2	3.0	2.8	2.6	2.4	–	–
	MVL44	2.8	3.8	3.8	3.6	3.4	3.2	3.0	2.8	–	–
	1VM50	3.4	4.4	4.4	4.2	4.0	3.8	3.6	3.4	–	–
B* (5L) Belt	**MVL25**	2.0	2.2	–	–	–	–	2.2	2.0	–	–
	MVL30	2.4	2.6	–	–	–	–	2.6	2.4	–	–
	MVL34	2.4	3.2	–	3.2	3.0	2.8	2.6	2.4	–	–
	MVL40	2.7	3.7	–	3.7	3.5	3.3	3.1	2.9	2.7	–
	MVL44	3.1	4.1	–	4.1	3.9	3.7	3.5	3.3	3.1	–
	1VM50	3.7	4.7	–	4.7	4.5	4.3	4.1	3.9	3.7	–

Pitch Dia. for 3L belts = Datum Dia. + .25
Pitch Dia. for "A" (4L) belts = Datum Dia. + .25
Pitch Dia. for "B" (5L) belts = Datum Dia. + .35

Bore Range	Keyseat
1/2	None
5/8 to 7/8	3/16 X 3/32

Adjustable Pitch VP Series

Features:

- Baldor 1VP and 2VP series are finished bore variable speed sheaves made of cast iron and designed for heavier duty service up to 25 HP
- Available in single and double grooves, they offer a pitch range from 1.9 in. to 6.7 in. (A belt) and 2.4 in. to 7.0 in. (B belt)
- Type 2 model has positive locked-on settings

HOW TO ORDER

EXAMPLE: **1VP71X3/4**

1	VP71	X	3/4

1: NUMBER OF GROOVES

VP71: ADJUSTABLE PITCH SHEAVE SIZE
Last 2 digits represent the approximate outside diameter (7.1 in.)

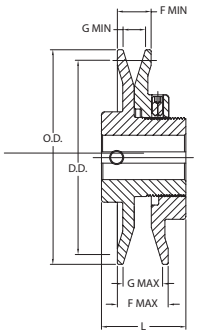
3/4: BORE SIZE (3/4 IN.)
Bore size: Inch bore sizes are designated with the whole inch followed by the fraction. For example, a 1.5 in. diameter bore would be 1-1/2 in.

Pulley Adjustment

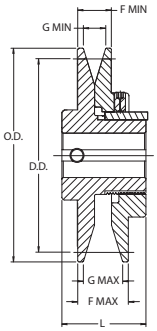
Modify the sheave pitch diameter by rotating the adjustable flange on the threaded hub of the pulley. Once the required diameter is obtained, tighten the adjusting screw(s) on one of the two flat surfaces.

To obtain the same pitch diameter in both grooves of the VP series, tighten both movable flanges against the central flange, make trace marks on both flanges, then rotate both flanges the same number of turns.

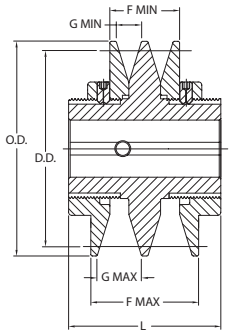
Adjustable Pitch VP Series - 1VP & 2VP



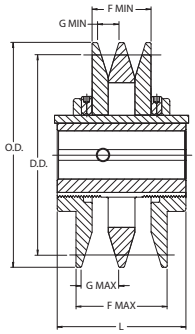
TYPE 1
(without key)



TYPE 2



TYPE 3
(without key)



TYPE 4

Part No.	Type	O.D.	L	F		G		Weight (lbs.)
				Max.	Min.	Max.	Min.	
1VP25	1	2.50	1-1/2	13/16	9/16	5/8	3/8	7
1VP30	1	2.87	1-21/32	13/16	9/16	5/8	3/8	1.1
1VP34	1	3.15	1-7/8	1	11/16	13/16	1/2	1.4
1VP40	1	3.75	1-7/8	1-1/16	11/16	7/8	1/2	1.9
1VP44	1	4.15	1-7/8	1-1/16	11/16	7/8	1/2	2.4
1VP44	2	4.15	1-7/8	1-1/8	3/4	7/8	1/2	2.9
1VP50	1	4.75	2	1-1/16	11/16	7/8	1/2	2.9
1VP50	2	4.75	1-7/8	1-1/8	3/4	7/8	1/2	3.6
1VP56	1	5.35	1-7/8	1-1/16	11/16	7/8	1/2	3.8
1VP56	2	5.35	1-7/8	1-1/8	3/4	7/8	1/2	4.4
1VP60	2	6.00	1-21/32	1-1/4	7/8	1-1/32	21/32	6.5
1VP62	2	5.95	1-29/32	1-1/8	3/4	7/8	1/2	6.1
1VP65	2	6.50	1-21/32	1-1/4	7/8	1-1/32	21/32	6.8
1VP68	2	6.55	1-29/32	1-1/8	3/4	7/8	1/2	7.3
1VP71	2	7.10	1-21/32	1-1/4	7/8	1-1/32	21/32	8.2
1VP75	2	7.50	1-21/32	1-1/4	7/8	1-1/32	21/32	9.2
2VP36	3	3.35	3	2	1-3/8	13/16	1/2	3.4
2VP42	3	3.95	3	2-1/8	1-3/8	7/8	1/2	4.4
2VP50	4	4.75	3	2-1/8	1-3/8	7/8	1/2	6.3
2VP56	4	5.35	3	2-1/8	1-3/8	7/8	1/2	7.8
2VP60	4	6.00	3-1/4	2-3/8	1-5/8	1-1/32	21/32	10.6
2VP62	4	5.95	3	2-1/8	1-3/8	7/8	1/2	10.0
2VP65	4	6.50	3-1/4	2-3/8	1-5/8	1-1/32	21/32	12.3
2VP68	4	6.55	3	2-1/8	1-3/8	7/8	1/2	11.7
2VP71	4	7.10	3-1/4	2-3/8	1-5/8	1-1/32	21/32	14.6
2VP75	4	7.50	3-1/4	2-3/8	1-5/8	1-1/32	21/32	16.5

* Supplied without keyway through the bore

Adjustable Pitch VP Series - 1VP & 2VP

Part No.	Standard Bores Part Numbers												
	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-5/8	19MM	24MM	28MM	38MM
1VP25	1VP25X1/2	–	–	–	–	–	–	–	–	–	–	–	–
1VP30	1VP30X1/2	1VP30X5/8	1VP30X3/4	–	–	–	–	–	–	–	–	–	–
1VP34	1VP34X1/2	1VP34X5/8	1VP34X3/4	1VP34X7/8	–	–	–	–	–	1VP34X19mm	–	–	–
1VP40	1VP40X1/2	1VP40X5/8	1VP40X3/4	1VP40X7/8	–	–	–	–	–	1VP40X19mm	–	–	–
1VP44	1VP44X1/2	1VP44X5/8	1VP44X3/4	1VP44X7/8	1VP44X1	1VP44X1-1/8	–	–	–	1VP44X19mm	1VP44X24mm	–	–
1VP44	1VP44X1/2	1VP44X5/8	1VP44X3/4	1VP44X7/8	1VP44X1	1VP44X1-1/8	–	–	–	1VP44X19mm	1VP44X24mm	–	–
1VP50	1VP50X1/2	1VP50X5/8	1VP50X3/4	1VP50X7/8	1VP50X1	1VP50X1-1/8	–	–	–	1VP50X19mm	1VP50X24mm	1VP50X28mm	–
1VP50	1VP50X1/2	1VP50X5/8	1VP50X3/4	1VP50X7/8	1VP50X1	1VP50X1-1/8	–	–	–	1VP50X19mm	1VP50X24mm	1VP50X28mm	–
1VP56	1VP56X1/2	1VP56X5/8	1VP56X3/4	1VP56X7/8	1VP56X1	1VP56X1-1/8	–	–	–	–	1VP56X24mm	1VP56X28mm	–
1VP56	1VP56X1/2	1VP56X5/8	1VP56X3/4	1VP56X7/8	1VP56X1	1VP56X1-1/8	–	–	–	–	1VP56X24mm	1VP56X28mm	–
1VP60	–	–	1VP60X3/4	1VP60X7/8	–	1VP60X1-1/8	–	1VP60X1-3/8	–	–	–	–	–
1VP62	–	1VP62X5/8	1VP62X3/4	1VP62X7/8	1VP62X1	1VP62X1-1/8	1VP62X1-1/4	1VP62X1-3/8	–	–	1VP62X24mm	1VP62X28mm	–
1VP65	–	–	1VP65X3/4	1VP65X7/8	–	1VP65X1-1/8	–	1VP65X1-3/8	1VP65X1-5/8	–	–	–	–
1VP68	–	1VP68X5/8	1VP68X3/4	1VP68X7/8	1VP68X1	1VP68X1-1/8	1VP68X1-1/4	1VP68X1-3/8	–	–	–	–	–
1VP71	–	–	1VP71X3/4	1VP71X7/8	–	1VP71X1-1/8	–	1VP71X1-3/8	1VP71X1-5/8	–	–	–	–
1VP75	–	–	1VP75X3/4	1VP75X7/8	–	1VP75X1-1/8	–	1VP75X1-3/8	–	–	–	–	–
2VP36	2VP36X1/2	2VP36X5/8	2VP36X3/4	2VP36X7/8	–	–	–	–	–	–	–	–	–
2VP42	–	2VP42X5/8	2VP42X3/4	2VP42X7/8	2VP42X1	2VP42X1-1/8	–	–	–	–	–	–	–
2VP50	–	2VP50X5/8	2VP50X3/4	2VP50X7/8	2VP50X1	2VP50X1-1/8	–	–	–	–	–	2VP50X28mm	–
2VP56	–	2VP56X5/8	2VP56X3/4	2VP56X7/8	2VP56X1	2VP56X1-1/8	–	–	–	–	–	2VP56X28mm	2VP56X38mm
2VP60	–	–	2VP60X3/4	2VP60X7/8	–	2VP60X1-1/8	–	2VP60X1-3/8	2VP60X1-5/8	–	–	–	–
2VP62	–	–	2VP62X3/4	2VP62X7/8	2VP62X1	2VP62X1-1/8	2VP62X1-1/4	2VP62X1-3/8	–	–	–	–	2VP62X38mm
2VP65	–	–	2VP65X3/4	2VP65X7/8	–	2VP65X1-1/8	–	2VP65X1-3/8	2VP65X1-5/8	–	–	–	–
2VP68	–	–	–	2VP68X7/8	2VP68X1	2VP68X1-1/8	2VP68X1-1/4	2VP68X1-3/8	–	–	–	–	2VP68X38mm
2VP71	–	–	2VP71X3/4	2VP71X7/8	–	2VP71X1-1/8	–	2VP71X1-3/8	2VP71X1-5/8	–	–	–	–
2VP75	–	–	2VP75X3/4	2VP75X7/8	–	2VP75X1-1/8	–	2VP75X1-3/8	2VP75X1-5/8	–	–	–	–

Adjustable Pitch VP Series

DATUM DIAMETERS

	Part No.	Datum Diameter, Inches								
		Min.	Max.	0 Turn Close	1 Turn Open	2 Turns Open	3 Turns Open	4 Turns Open	5 Turns Open	6 Turns Open
3L Belt	1VP25	1.6	2.4	2.4	2.2	2.0	1.8	1.6	–	–
	1VP30	1.8	2.6	2.6	2.4	2.2	2.0	1.8	–	–
	1VP34	1.7	2.5	2.5	2.3	2.1	1.9	1.7	–	–
	2VP36	1.9	2.7	2.7	2.5	2.3	2.1	1.9	–	–
	1VP40	2.3	3.1	3.1	2.9	2.7	2.5	2.3	–	–
	2VP42	2.5	3.3	3.3	3.1	2.9	2.7	2.5	–	–
	1VP44	2.7	3.5	3.5	3.3	3.1	2.9	2.7	–	–
	1VP50 & 2VP50	3.3	4.1	4.1	3.9	3.7	3.5	3.3	–	–
	1VP56 & 2VP56	3.9	4.7	4.7	4.5	4.3	4.1	3.9	–	–
	1VP60 & 2VP60	–	–	–	–	–	–	–	–	–
	1VP62 & 2VP62	4.5	5.3	5.3	5.1	4.9	4.7	4.5	–	–
	1VP65 & 2VP65	–	–	–	–	–	–	–	–	–
	1VP68 & 2VP68	5.1	5.9	5.9	5.7	5.5	5.3	5.1	–	–
	1VP71 & 2VP71	–	–	–	–	–	–	–	–	–
	1VP75 & 2VP75	–	–	–	–	–	–	–	–	–
(4L) A Belt	1VP34	1.9	2.9	2.9	2.7	2.5	2.3	2.1	1.9	–
	2VP36	2.0	3.0	3.0	2.8	2.6	2.4	2.2	2.0	–
	1VP40	2.4	3.4	3.4	3.2	3.0	2.8	2.6	2.4	–
	2VP42	2.6	3.6	3.6	3.4	3.2	3.0	2.8	2.6	–
	1VP44	2.8	3.8	3.8	3.6	3.4	3.2	3.0	2.8	–
	1VP50 & 2VP50	3.4	4.4	4.4	4.2	4.0	3.8	3.6	3.4	–
	1VP56 & 2VP56	4.0	5.0	5.0	4.8	4.6	4.4	4.2	4.0	–
	1VP60 & 2VP60	4.2	5.2	5.2	5.0	4.8	4.6	4.4	4.2	–
	1VP62 & 2VP62	4.6	5.6	5.6	5.4	5.2	5.0	4.8	4.6	–
	1VP65 & 2VP65	4.7	5.7	5.7	5.5	5.3	5.1	4.9	4.7	–
	1VP68 & VP68	5.2	6.2	6.2	6.0	5.8	5.6	5.4	5.2	–
	1VP71 & 2VP71	5.3	6.3	6.3	6.1	5.9	5.7	5.5	5.3	–
	1VP75 & 2VP75	5.7	6.7	6.7	6.5	6.3	6.1	5.9	5.7	–
(5L) B Belt	1VP34	2.4	3.2	–	3.2	3.0	2.8	2.6	2.4	–
	2VP36	2.5	3.3	–	3.3	3.1	2.9	2.7	2.5	–
	1VP40	2.7	3.7	–	3.7	3.5	3.3	3.1	2.9	2.7
	2VP42	2.9	3.9	–	3.9	3.7	3.5	3.3	3.1	2.9
	1VP44	3.1	4.1	–	4.1	3.9	3.7	3.5	3.3	3.1
	1VP50 & 2VP50	3.7	4.7	–	4.7	4.5	4.3	4.1	3.9	3.7
	1VP56 & 2VP56	4.3	5.3	–	5.3	5.1	4.9	4.7	4.5	4.3
	1VP60 & 2VP60	4.3	5.5	5.5	5.3	5.1	4.9	4.7	4.5	4.3
	1VP62 & 2VP62	4.9	5.9	–	5.9	5.7	5.5	5.3	5.1	4.9
	1VP65 & 2VP65	4.8	6.0	6.0	5.8	5.6	5.4	5.2	5.0	4.8
	1VP68 & 2VP68	5.5	6.5	–	6.5	6.3	6.1	5.9	5.7	5.5
	1VP71 & 2VP71	5.4	6.6	6.6	6.4	6.2	6.0	5.8	5.6	5.4
	1VP75 & 2VP75	5.8	7.0	7.0	6.8	6.6	6.4	6.2	6.0	5.8
5V Belt	1VP34	–	–	–	–	–	–	–	–	–
	2VP36	–	–	–	–	–	–	–	–	–
	1VP40	–	–	–	–	–	–	–	–	–
	2VP42	–	–	–	–	–	–	–	–	–
	1VP44	–	–	–	–	–	–	–	–	–
	1VP50 & 2VP50	–	–	–	–	–	–	–	–	–
	1VP56 & 2VP56	–	–	–	–	–	–	–	–	–
	1VP60 & 2VP60	–	–	–	–	–	–	–	–	–
	1VP62 & 2VP62	5.3	6.3	–	6.3	6.1	5.9	5.7	5.5	5.3
	1VP65 & 2VP65	5.2	6.4	6.4	6.2	6.0	5.8	5.6	5.4	5.2
	1VP68 & 2VP68	5.9	6.9	–	6.9	6.7	6.5	6.3	6.1	5.9
	1VP71 & 2VP71	5.8	7.0	7.0	6.8	6.6	6.4	6.2	6.0	5.8
	1VP75 & 2VP75	6.2	7.4	7.4	7.2	7.0	6.8	6.6	6.4	6.2

P.D. for "3L" belts = Datum Dia. "3L" belts + .25
P.D. for "A" (4L) belts = Datum Dia. "A" belts + .25
P.D. for "B" (5L) belts = Datum Dia. "B" belts + .35
P.D. for "5V" belts = Datum Dia. "5V" belts + .10

Heavy Duty Adjustable Pitch Sheaves

Features:

- Designed for up to 40 HP @ 1750 RPM
- Used with A, B, 3V & 5V belts

Note:

- Every turn of the adjustment screw moves the flange by 1/16 in.

HOW TO ORDER

EXAMPLE: **MVS150X1-3/8**

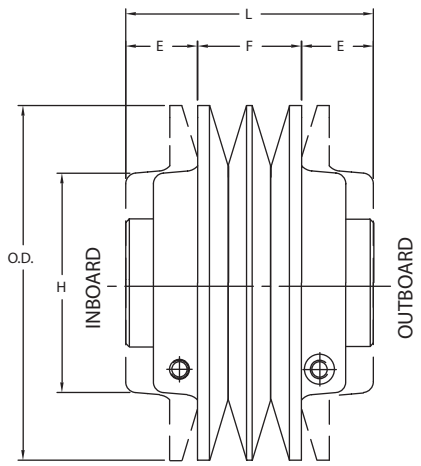
MVS150	X	1-3/8

MVS150: ADJUSTABLE PITCH SHEAVE SIZE
Last three digits represent the outside diameter in mm 150mm = 5.905 in.

1-3/8: BORE SIZE (1-3/8 IN.)
Bore size: Inch bore sizes are designated with the whole inch followed by the fraction. For example, a 1.5 in. diameter bore would be 1-1/2 in.

Pulley Adjustment

Modify the sheave pitch diameter by using the adjustment screw. Every turn of the adjustment screw moves the flanges by 1/16 in. Once the required diameter is obtained, tighten the locking screw.



Heavy Duty Adjustable Pitch Sheaves

DIMENSIONS

Part No.	Cross Ref.	O.D.	Dimensions						Stock Bore Part Numbers					Wt. (lbs.)
			F		E		L	H	1-1/8	1-3/8	1-5/8	1-7/8	2-1/8	
			Min.	Max.	Min.	Max.								
MVS130	JVS 130	5.118	1.73	2.27	0.75	1.02	3.77	3.15	MVS130X1-1/8	MVS130X1-3/8	–	–	–	8.5
MVS150	JVS 150	5.905	1.73	2.59	0.77	1.20	4.13	3.62	MVS150X1-1/8	MVS150X1-3/8	MVS150X1-5/8	–	–	12.1
MVS170	JVS 170	6.692	1.73	2.59	0.77	1.20	4.13	3.62	MVS170X1-1/8	MVS170X1-3/8	MVS170X1-5/8	–	–	14.8
MVS190	JVS 190	7.480	1.73	2.59	0.77	1.20	4.13	5.12	–	MVS190X1-3/8	MVS190X1-5/8	MVS190X1-7/8	–	23.2
MVS210	JVS 210	8.268	1.73	2.59	0.77	1.20	4.13	5.12	–	MVS210X1-3/8	MVS210X1-5/8	MVS210X1-7/8	MVS210X2-1/8	27.0
MVS230	JVS 230	9.055	1.73	2.59	0.77	1.20	4.13	5.12	–	MVS230X1-3/8	MVS230X1-5/8	MVS230X1-7/8	MVS230X2-1/8	30.4

DATUM DIAMETERS

	Part No.	Datum Diameter, Inches									
		Min.	Max.	0 Turn Close	1 Turn Open	2 Turns Open	3 Turns Open	4 Turns Open	5 Turns Open	6 Turns Open	7 Turns Open
A Belt	**MVS130**	3.45	4.47	4.47	4.26	4.06	3.85	3.65	3.45	–	–
	MVS150	4.23	5.25	5.25	5.05	4.85	4.64	4.44	4.23	–	–
	MVS170	4.81	6.04	6.04	5.84	5.63	5.43	5.22	5.02	4.81	–
	MVS190	5.60	6.83	6.83	6.62	6.42	6.21	6.01	5.81	5.60	–
	MVS210	6.40	7.63	7.63	7.43	7.22	7.02	6.81	6.61	6.40	–
	MVS230	7.19	8.42	8.42	8.21	8.01	7.81	7.60	7.40	7.19	–
B Belt	**MVS130**	3.63	4.86	4.86	4.65	4.45	4.24	4.04	3.84	3.63	–
	MVS150	4.21	5.65	5.65	5.44	5.24	5.03	4.83	4.62	4.42	4.21
	MVS170	5.00	6.43	6.43	6.23	6.02	5.82	5.61	5.41	5.21	5.00
	MVS190	5.79	7.22	7.22	7.01	6.81	6.60	6.40	6.20	5.99	5.79
	MVS210	6.59	8.02	8.02	7.82	7.61	7.41	7.20	7.00	6.80	6.59
	MVS230	7.38	8.81	8.81	8.61	8.40	8.20	7.99	7.79	7.58	7.38
3V Belt	**MVS130**	3.56	4.17	4.17	3.97	3.77	3.56	–	–	–	–
	MVS150	4.35	4.96	4.96	4.76	4.55	4.35	–	–	–	–
	MVS170	5.13	5.75	5.75	5.54	5.34	5.13	–	–	–	–
	MVS190	5.92	6.53	6.53	6.33	6.13	5.92	–	–	–	–
	MVS210	6.73	7.34	7.34	7.13	6.93	6.73	–	–	–	–
	MVS230	7.51	8.13	8.13	7.92	7.72	7.51	–	–	–	–
5V Belt	**MVS130**	–	–	–	–	–	–	–	–	–	–
	MVS150*	4.31	5.74	5.74	5.54	5.33	5.13	4.93	4.72	4.52	4.31
	MVS170*	5.10	6.53	6.53	6.33	6.12	5.92	5.71	5.51	5.30	5.10
	MVS190	5.88	7.32	7.32	7.11	6.91	6,7	6.50	6.29	6.09	5.88
	MVS210	6.69	8.12	8.12	7.92	7.71	7.51	7.30	7.10	6.89	6.69
	MVS230	7.48	8.91	8.91	8.70	8.50	8.29	8.09	7.89	7.68	7.48

* IMPORTANT: Recommended for use with narrow cog belts only.

P.D. for “A” belt = Datum Dia. “A” belt + .25

P.D. for “B” belt = Datum Dia. “B” belt + .35

P.D. for “3V” belts = Datum Dia. “3V” belts + .05

P.D. for “5V” belts = Datum Dia. “5V” belts + .10

Split Taper Versa-V Sheaves

Features:

- Used with conventional A, B and 5V belts
- Available in 1 to 4 grooves
- B bushing used with the majority of the Versa-V sheaves, bores 1/2 in. to 2-7/16 in.
- Popular in HVAC, wood processing industry, bulk material handling and package material handling.

Note:

- The type of sheave construction is indicated in the column entitled Type. The number refers to the drawing and the letter as follows:

  A = arms; B = block; W = web.

HOW TO ORDER

EXAMPLE: **2VV54**

2VV	54

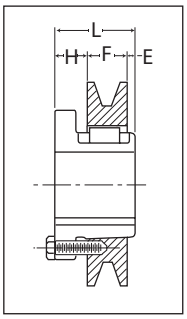
2: NUMBER OF GROOVES
VV: TYPE OF SHEAVES
54: DATUM DIAMETER FOR B BELTS (5.4 IN.)

Split Taper Versa-V Sheaves

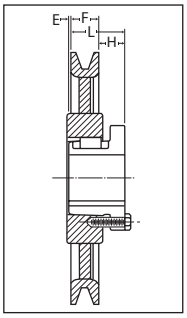
Versa-V

1 GROOVE

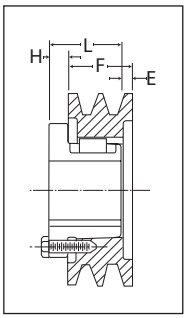
Part No.	Cross Ref.	Diameters				F = 1 inch					Weight (lbs.)
		Outside	Datum A Belts	Datum B Belts	Pitch 5V Belts	H	Type	B	L	E	
1VV42	1B5V42	4.48	3.8	4.2	4.5	5/8	1B	P1	1-15/16	5/16	2.5
1VV44	1B5V44	4.68	4	4.4	4.5	5/8	1B	P1	1-15/16	5/16	2.8
1VV46	1B5V46	4.88	4.2	4.6	4.7	3/4	1B	B	1-15/16	3/16	2.5
1VV48	1B5V48	5.08	4.4	4.8	4.9	3/4	1B	B	1-15/16	3/16	2.9
1VV50	1B5V50	5.28	4.6	5	5.1	3/4	1B	B	1-15/16	3/16	3.3
1VV52	1B5V52	5.48	4.8	5.2	5.3	3/4	1B	B	1-15/16	3/16	3.7
1VV54	1B5V54	5.68	5	5.4	5.5	3/4	1B	B	1-15/16	3/16	4.1
1VV56	1B5V56	5.88	5.2	5.6	5.7	3/4	1B	B	1-15/16	3/16	4.5
1VV58	1B5V58	6.08	5.4	5.8	5.9	3/4	1B	B	1-15/16	3/16	5
1VV60	1B5V60	6.28	5.6	6	6.1	3/4	1B	B	1-15/16	3/16	5.4
1VV62	1B5V62	6.48	5.8	6.2	6.3	3/4	1W	B	1-15/16	3/16	5.3
1VV64	1B5V64	6.68	6	6.4	6.5	3/4	1W	B	1-15/16	3/16	5.6
1VV66	1B5V66	6.88	6.2	6.6	6.7	3/4	1W	B	1-15/16	3/16	6
1VV68	1B5V68	7.08	6.4	6.8	6.9	3/4	1W	B	1-15/16	3/16	6.4
1VV70	1B5V70	7.28	6.6	7	7.1	3/4	1W	B	1-15/16	3/16	6.8
1VV74	1B5V74	7.68	7	7.4	7.5	3/4	1W	B	1-15/16	3/16	7.7
1VV80	1B5V80	8.28	7.6	8	8.1	7/8	2A	B	1-15/16	3/16	7.5
1VV86	1B5V86	8.88	8.2	8.6	8.7	7/8	2A	B	1-15/16	3/16	7.9
1VV90	1B5V90	9.28	8.6	9	9.1	7/8	2A	B	1-15/16	3/16	8.2
1VV94	1B5V94	9.68	9	9.4	9.5	7/8	2A	B	1-15/16	3/16	8.5
1VV110	1B5V110	11.28	10.6	11	11.1	7/8	2A	B	1-15/16	3/16	10.3
1VV124	1B5V124	12.68	12	12.4	12.5	7/8	2A	B	1-15/16	3/16	11.5
1VV136	1B5V136	13.88	13.2	13.6	13.7	7/8	2A	B	1-15/16	3/16	13.3
1VV155	1B5V155	15.68	15	15.4	15.5	7/8	2A	B	1-15/16	3/16	15.5
1VV160	1B5V160	16.28	15.6	16	16.1	7/8	2A	B	1-15/16	3/16	16.6
1VV184	1B5V184	18.68	18	18.4	18.5	7/8	2A	B	1-15/16	3/16	20
1VV200	1B5V200	20.28	19.5	20	20.1	7/8	2A	B	1-15/16	3/16	21.8
1VV234	1B5V234	23.68	22.9	23.4	23.5	7/8	2A	B	1-15/16	3/16	28.2
1VV250	1B5V250	25.28	24.5	25	25.1	7/8	2A	B	1-15/16	3/16	31.4
1VV278	1B5V278	28.08	27.3	27.8	27.9	7/8	2A	B	1-15/16	3/16	36.5



TYPE 1



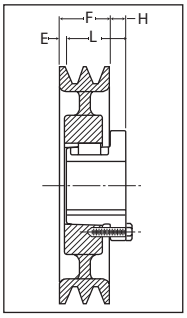
TYPE 2



TYPE 3

2 GROOVES

Part No.	Cross Ref.	Diameters				F = 1-23/32 inches					Weight (lbs.)
		Outside	Datum A Belts	Datum B Belts	Pitch 5V Belts	H	Type	B	L	E	
2VV42	2B5V42	4.48	3.8	4.2	4.3	5/8	5	P1	1-15/16	13/32	3.7
2VV44	2B5V44	4.68	4	4.4	4.5	7/32	3	P1	1-15/16	0	4.1
2VV46	2B5V46	4.88	4.2	4.6	4.7	33/64	3	B	1-15/16	0	3.3
2VV48	2B5V48	5.08	4.4	4.8	4.9	33/64	3	B	1-15/16	11/64	3.9
2VV50	2B5V50	5.28	4.6	5	5.1	33/64	3	B	1-15/16	11/64	4.6
2VV52	2B5V52	5.48	4.8	5.2	5.3	33/64	3	B	1-15/16	11/64	5.3
2VV54	2B5V54	5.68	5	5.4	5.5	33/64	3	B	1-15/16	11/64	6
2VV56	2B5V56	5.88	5.2	5.6	5.7	33/64	3	B	1-15/16	11/64	6.7
2VV58	2B5V58	6.08	5.4	5.8	5.9	33/64	3	B	1-15/16	11/64	7.4
2VV60	2B5V60	6.28	5.6	6	6.1	33/64	3	B	1-15/16	11/64	8.2
2VV62	2B5V62	6.48	5.8	6.2	6.3	33/64	3	B	1-15/16	11/64	9.2
2VV64	2B5V64	6.68	6	6.4	6.5	33/64	3	B	1-15/16	11/64	8.4
2VV66	2B5V66	6.88	6.2	6.6	6.7	33/64	3	B	1-15/16	11/64	11.4
2VV68	2B5V68	7.08	6.4	6.8	6.9	33/64	4W	B	1-15/16	11/64	10.2
2VV70	2B5V70	7.28	6.6	7	7.1	33/64	4W	B	1-15/16	11/64	12.3
2VV74	2B5V74	7.68	7	7.4	7.5	33/64	4W	B	1-15/16	11/64	14.2
2VV80	2B5V80	8.28	7.6	8	8.1	33/64	4A	B	1-15/16	11/64	11.3
2VV86	2B5V86	8.88	8.2	8.6	8.7	33/64	4A	B	1-15/16	11/64	10.6
2VV90	2B5V90	9.28	8.6	9	9.1	33/64	4A	B	1-15/16	11/64	11.1
2VV94	2B5V94	9.68	9	9.4	9.5	33/64	4A	B	1-15/16	11/64	11.6
2VV110	2B5V110	11.28	10.6	11	11.1	33/64	4A	B	1-15/16	11/64	14.4
2VV124	2B5V124	12.68	12	12.4	12.5	33/64	4A	B	1-15/16	11/64	17.1
2VV136	2B5V136	13.88	13.2	13.6	13.7	33/64	4A	B	1-15/16	11/64	19.3



TYPE 4

* Please contact Baldor for lead time.

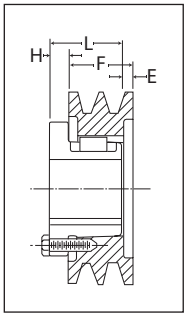
BALDOR · DODGE®

Split Taper Versa-V Sheaves

Versa-V

2 GROOVES

Part No.	Cross Ref.	Diameters				F = 1-23/32 inches					Weight (lbs.)
		Outside	Datum A Belts	Datum B Belts	Pitch 5V Belts	H	Type	B	L	E	
2VV155	2B5V155	15.68	15	15.4	15.5	33/64	4A	B	1-15/16	11/64	23.2
2VV160	2B5V160	16.28	15.6	16	16.1	33/64	4A	B	1-15/16	11/64	24.2
2VV184*	2B5V184	18.68	18	18.4	18.5	33/64	4A	B	1-15/16	11/64	33. 2
2VV200*	2B5V200	20.28	19.5	20	20.1	33/64	4A	B	1-15/16	11/64	34.8
2VV234*	2B5V234	23.68	22.9	23.4	23.5	33/64	4A	B	1-15/16	11/64	37.9
2VV250*	2B5V250	25.28	24.5	25	25.1	33/64	4A	B	1-15/16	11/64	47
2VV278*	2B5V278	28.08	27.3	27.8	27.9	33/64	4A	B	1-15/16	11/64	55.9

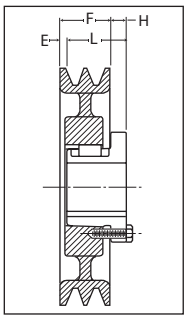


TYPE 3

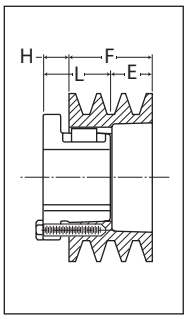
3 GROOVES

Part No.	Cross Ref.	Diameters				F = 2-7/16 inches					Weight (lbs.)
		Outside	Datum A Belts	Datum B Belts	Pitch 5V Belts	H	Type	B	L	E	
3VV42	3B5V42	4.48	3.8	4.2	4.3	5/8	5	P1	1-15/16	1-1/8	4.8
3VV44	3B5V44	4.68	4	4.4	4.5	1/32	3	P1	1-15/16	17/32	5.2
3VV46	3B5V46	4.88	4.2	4.6	4.7	3/4	5	B	1-15/16	1-3/16	4.9
3VV48	3B5V48	5.08	4.4	4.8	4.9	3/4	5	B	1-15/16	1-3/16	5.5
3VV50	3B5V50	5.28	4.6	5	5.1	3/4	5	B	1-15/16	1-3/16	6.1
3VV52	3B5V52	5.48	4.8	5.2	5.3	3/4	5	B	1-15/16	1-3/16	6.7
3VV54	3B5V54	5.68	5	5.4	5.5	5/32	3	B	1-15/16	19/32	7.4
3VV56	3B5V56	5.88	5.2	5.6	5.7	5/32	3	B	1-15/16	17/32	8.4
3VV58	3B5V58	6.08	5.4	5.8	5.9	5/32	3	B	1-15/16	17/32	9.5
3VV60	3B5V60	6.28	5.6	6	6.1	5/32	3	B	1-15/16	17/32	10.6
3VV62	3B5V62	6.48	5.8	6.2	6.3	5/32	3	B	1-15/16	17/32	9.8
3VV64	3B5V64	6.68	6	6.4	6.5	5/32	3	B	1-15/16	17/32	10.5
3VV66	3B5V66	6.88	6.2	6.6	6.7	5/32	3	B	1-15/16	17/32	10.4
3VV68	3B5V68	7.08	6.4	6.8	6.9	5/32	4W	B	1-15/16	17/32	10.9
3VV70	3B5V70	7.28	6.6	7	7.1	5/32	4W	B	1-15/16	17/32	11.5
3VV74	3B5V74	7.68	7	7.4	7.5	5/32	4W	B	1-15/16	17/32	12.6
3VV80	3B5V80	8.28	7.6	8	8.1	5/32	4A	B	1-15/16	17/32	14.2
3VV86	3B5V86	8.88	8.2	8.6	8.7	5/32	4A	B	1-15/16	17/32	13.7
3VV90	3B5V90	9.28	8.6	9	9.1	5/32	4A	B	1-15/16	17/32	14.5
3VV94	3B5V94	9.68	9	9.4	9.5	5/32	4A	B	1-15/16	17/32	17
3VV110	3B5V110	11.28	10.6	11	11.1	5/32	4A	B	1-15/16	17/32	19.8
3VV124	3B5V124	12.68	12	12.4	12.5	5/32	4A	B	1-15/16	17/32	22.1
3VV136	3B5V136	13.88	13.2	13.6	13.7	5/32	4A	B	1-15/16	17/32	24.9
3VV155	3B5V155	15.68	15	15.4	15.5	5/32	4A	B	1-15/16	17/32	30.4
3VV160	3B5V160	16.28	15.6	16	16.1	5/32	4A	B	1-15/16	17/32	31.7
3VV184*	3B5V184	18.68	18	18.4	18.5	5/32	4A	B	1-15/16	17/32	40.9
3VV200*	3B5V200	20.28	19.5	20	20.1	5/32	4A	B	1-15/16	17/32	47.6
3VV234*	3B5V234	23.68	22.9	23.4	23.5	5/32	4A	B	1-15/16	17/32	61.5
3VV250*	3B5V250	25.28	24.5	25	25.1	5/32	4A	B	1-15/16	17/32	66.6
3VV278*	3B5V278	28.08	27.3	27.8	27.9	5/32	4A	B	1-15/16	17/32	79.1

* Please contact Baldor for lead time.



TYPE 4



TYPE 5

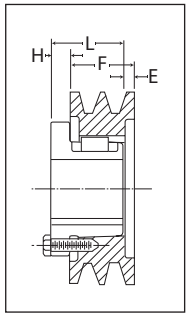
Split Taper Versa-V Sheaves

Versa-V

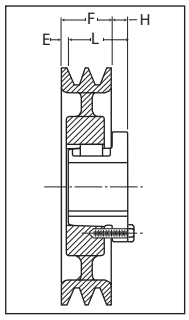
4 GROOVES

Part No.	Cross Ref.	Diameters				F = 3-5/32 inches					Weight (lbs.)
		Outside	Datum A Belts	Datum B Belts	Pitch 5V Belts	H	Type	B	L	E	
4VV42	4B5V42	4.48	3.8	4.2	4.3	5/8	5	P1	1-15/16	–	5.9
4VV44	4B5V44	4.68	4.0	4.4	4.5	3/64	3	P1	1-15/16	–	6.3
4VV46	4B5V46	4.88	4.2	4.6	4.7	3/4	5	B	1-15/16	–	6.1
4VV48	4B5V48	5.08	4.4	4.8	4.9	3/4	5	B	1-15/16	–	6.7
4VV50	4B5V50	5.28	4.6	5.0	5.1	3/4	5	B	1-15/16	–	7.4
4VV52	4B5V52	5.48	4.8	5.2	5.3	3/4	5	B	1-15/16	–	8.0
4VV54	4B5V54	5.68	5.0	5.4	5.5	–	3	B	1-15/16	61/64	8.9
4VV56	4B5V56	5.88	5.2	5.6	5.7	–	3	B	1-15/16	57/64	9.5
4VV58	4B5V58	6.08	5.4	5.8	5.9	–	3	B	1-15/16	57/64	10.3
4VV60	4B5V60	6.28	5.6	6.0	6.1	–	3	B	1-15/16	57/64	11.0
4VV62	4B5V62	6.48	5.8	6.2	6.3	–	3	B	1-15/16	57/64	11.3
4VV64	4B5V64	6.68	6.0	6.4	6.5	–	3	B	1-15/16	57/64	12.1
4VV66	4B5V66	6.88	6.2	6.6	6.7	–	3	B	1-15/16	57/64	12.0
4VV68	4B5V68	7.08	6.4	6.8	6.9	–	3	B	1-15/16	57/64	12.6
4VV70	4B5V70	7.28	6.6	7.0	7.1	–	4W	B	1-15/16	57/64	13.2
4VV74	4B5V74	7.68	7.0	7.4	7.5	–	4W	B	1-15/16	57/64	14.5
4VV80	4B5V80	8.28	7.6	8.0	8.1	–	4A	B	1-15/16	57/64	15.2
4VV86	4B5V86	8.88	8.2	8.6	8.7	–	4A	B	1-15/16	57/64	16.6
4VV90	4B5V90	9.28	8.6	9.0	9.1	–	4A	B	1-15/16	57/64	17.6
4VV94	4B5V94	9.68	9.0	9.4	9.5	–	4A	B	1-15/16	57/64	20.0
4VV110	4B5V110	11.28	10.6	11.0	11.1	–	4A	B	1-15/16	57/64	22.8
4VV124	4B5V124	12.68	12.0	12.4	12.5	–	4A	B	1-15/16	57/64	26.5
4VV136	4B5V136	13.88	13.2	13.6	13.7	–	4A	B	1-15/16	57/64	30.7
4VV155	4B5V155	15.68	15.0	15.4	15.5	–	4A	B	1-15/16	57/64	37.9
4VV160	4B5V160	16.28	15.6	16.0	16.1	–	4A	B	1-15/16	57/64	40.5
4VV184*	4B5V184	18.68	18.0	18.4	18.5	–	4A	B	1-15/16	57/64	50.7
4VV200*	4B5V200	20.28	19.5	20.0	20.1	–	4A	B	1-15/16	57/64	58.5
4VV234*	4B5V234	23.68	22.9	23.4	23.5	–	4A	B	1-15/16	57/64	73.9
4VV250*	4B5V250	25.28	24.5	25.0	25.1	–	4A	B	1-15/16	57/64	83.8
4VV278*	4B5V278	28.08	27.3	27.8	27.9	–	4A	B	1-15/16	57/64	94.3

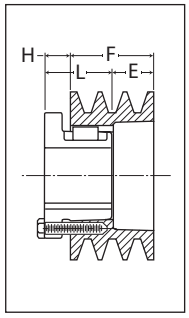
* Please contact Baldor for lead time.



TYPE 3



TYPE 4



TYPE 5

Split Taper TB Sheaves

Features:

- Used with conventional “A” and “B” belts
- Available in 1 to 3 grooves
- P1 bushing used with the majority of the TB sheaves
- General industrial applications

Note:

- The type of sheave construction is indicated in the column entitled Type. The number refers to the drawing and the letter as follows:

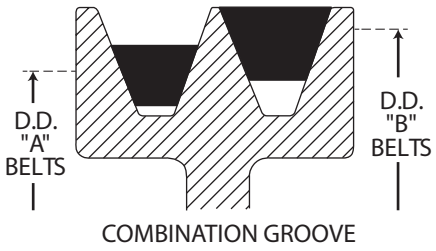
  A = arms; B = block; W = web.

HOW TO ORDER

EXAMPLE: **2TB155**

2TB	155

2: NUMBER OF GROOVES
TB: TYPE OF SHEAVES
155: DATUM DIAMETER FOR B BELTS (15.4 IN.)



Split Taper TB Sheaves

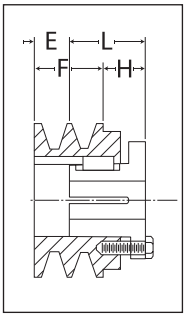
1 GROOVE

Part No.	Cross Ref.	Diameters			F = 1 inch					Weight
		Outside	Datum A Belts	Datum B Belts	H	Type	B	L	E	
1TB34	1TB34	3.75	3	3.4	1-1/16	2	P1	1-15/16	1/8	2
1TB36	1TB36	3.95	3.6	3.2	1-1/16	2	P1	1-15/16	1/8	2.3
1TB38	1TB38	4.15	3.4	3.8	1-1/16	2	P1	1-15/16	1/8	2.6
1TB40	1TB40	4.35	3.6	4	5/8	10B	P1	1-15/16	5/16	2.1
1TB42	1TB42	4.55	3.8	4.2	5/8	10B	P1	1-15/16	5/16	2.4
1TB44	1TB44	4.75	4	4.4	5/8	10B	P1	1-15/16	5/16	2.8
1TB46	1TB46	4.95	4.2	4.6	5/8	10B	P1	1-15/16	5/16	3.1
1TB48	1TB48	5.15	4.4	4.8	5/8	10B	P1	1-15/16	5/16	3.5
1TB50	1TB50	5.35	4.6	5	5/8	10B	P1	1-15/16	5/16	3.9
1TB52	1TB52	5.55	4.8	5.2	5/8	10B	P1	1-15/16	5/16	4.1
1TB54	1TB54	5.75	5	5.4	5/8	10B	P1	1-15/16	5/16	4.6
1TB56	1TB56	5.95	5.2	5.6	5/8	10B	P1	1-15/16	5/16	5.1
1TB58	1TB58	6.15	5.4	5.8	5/8	10B	P1	1-15/16	5/16	5.6
1TB60	1TB60	6.35	5.6	6	5/8	10W	P1	1-15/16	5/16	6
1TB62	1TB62	6.55	5.8	6.2	5/8	10W	P1	1-15/16	5/16	5.5
1TB64	1TB64	6.75	6	6.4	5/8	10W	P1	1-15/16	5/16	5.8
1TB66	1TB66	6.95	6.2	6.6	5/8	10W	P1	1-15/16	5/16	5.9
1TB68	1TB68	7.15	6.4	6.8	5/8	10W	P1	1-15/16	5/16	6.1
1TB70	1TB70	7.35	6.6	7	25/32	16A	P1	1-15/16	5/32	6.4
1TB74	1TB74	7.75	7	7.4	25/32	16A	P1	1-15/16	5/32	7.3
1TB80	1TB80	8.35	7.6	8	25/32	16A	P1	1-15/16	5/32	7.8
1TB86	1TB86	8.95	8.2	8.6	25/32	16A	P1	1-15/16	5/32	8.6
1TB90	1TB90	9.35	8.6	9	25/32	16A	P1	1-15/16	5/32	8.9
1TB94	1TB94	9.75	9	9.4	25/32	16A	P1	1-15/16	5/32	9.1
1TB110	1TB110	11.35	10.6	11	25/32	16A	P1	1-15/16	5/32	11.1
1TB124	1TB124	12.75	12	12.4	1-1/8	16A	Q1	2-1/2	3/8	17.8
1TB136	1TB136	13.95	13.2	13.6	1-1/8	16A	Q1	2-1/2	3/8	18.2
1TB155	1TB155	15.75	15	15.4	1-1/8	16A	Q1	2-1/2	3/8	20.3
1TB160	1TB160	16.35	15.6	16	1-1/8	16A	Q1	2-1/2	3/8	22
1TB184*	1TB184	18.75	18	18.4	1-1/8	16A	Q1	2-1/2	3/8	27.5
1TB200*	1TB200	20.35	19.5	20	1-1/8	16A	Q1	2-1/2	3/8	27.2
1TB250*	1TB250	25.35	24.5	25	1-1/8	16A	Q1	2-1/2	3/8	42.4
1TB300*	1TB300	30.35	29.5	30	1-1/8	16A	Q1	2-1/2	3/8	56
1TB380*	1TB380	38.35	37.5	38	1-1/8	16A	Q1	2-1/2	3/8	78

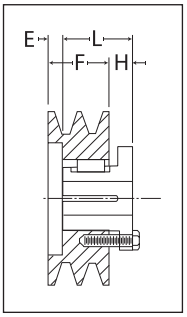
2 GROOVES

Part No.	Cross Ref.	Diameters			F = 1-3/4 inches					Weight
		Outside	Datum A Belts	Datum B Belts	H	Type	B	L	E	
2TB34	2TB34	3.75	3	3.4	1-1/16	2	P1	1-15/16	7/8	2.9
2TB36	2TB36	3.95	3.2	3.6	1-1/16	2	P1	1-15/16	7/8	3.8
2TB38	2TB38	4.15	3.4	3.8	5/8	5	P1	1-15/16	7/16	3
2TB40	2TB40	4.35	3.6	4	5/8	5	P1	1-15/16	7/16	3.8
2TB42	2TB42	4.55	3.8	4.2	5/8	5	P1	1-15/16	7/16	3.9
2TB44	2TB44	4.75	4	4.4	3/16	13B	P1	1-15/16	0	3.9
2TB46	2TB46	4.95	4.2	4.6	3/16	13B	P1	1-15/16	0	4.5
2TB48	2TB48	5.15	4.4	4.8	3/16	13B	P1	1-15/16	0	5.3
2TB50	2TB50	5.35	4.6	5	3/16	13B	P1	1-15/16	0	5.6
2TB52	2TB52	5.55	4.8	5.2	3/16	13B	P1	1-15/16	0	6.1
2TB54	2TB54	5.75	5	5.4	3/16	13B	P1	1-15/16	0	6.5
2TB56	2TB56	5.95	5.2	5.6	3/16	13B	P1	1-15/16	0	7.4
2TB58	2TB58	6.15	5.4	5.8	3/16	13B	P1	1-15/16	0	8
2TB60	2TB60	6.35	5.6	6	3/16	13B	P1	1-15/16	0	8.9
2TB62	2TB62	6.55	5.8	6.2	3/16	13W	P1	1-15/16	0	7.6
2TB64	2TB64	6.75	6	6.4	3/16	13W	P1	1-15/16	0	7.8

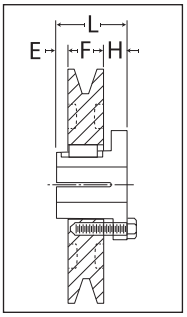
* Please contact Baldor for lead time.



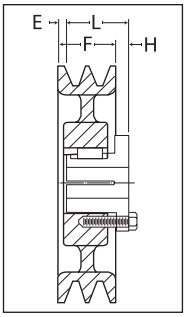
TYPE 2



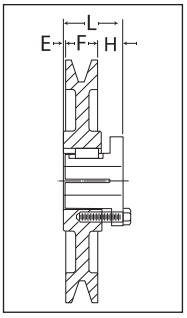
TYPE 5



TYPE 10



TYPE 13

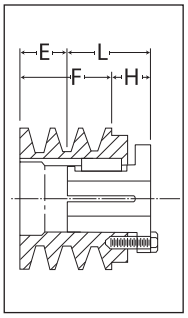


TYPE 16

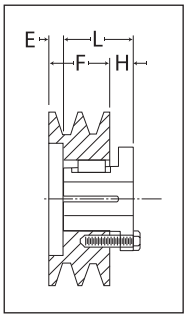
Split Taper TB Sheaves

2 GROOVES

Part No.	Cross Ref.	Diameters			F = 1-3/4 inches					Weight
		Outside	Datum A Belts	Datum B Belts	H	Type	B	L	E	
2TB66	2TB66	6.95	6.2	6.6	3/16	13W	P1	1-15/16	0	8.3
2TB68	2TB68	7.15	6.4	6.8	3/16	13W	P1	1-15/16	0	8.8
2TB70	2TB70	7.35	6.6	7	3/4	13W	Q1	2-1/2	0	11.1
2TB74	2TB74	7.75	7	7.4	3/4	13W	Q1	2-1/2	0	11.5
2TB80	2TB80	8.35	7.6	8	3/4	13W	Q1	2-1/2	0	12.8
2TB86	2TB86	8.95	8.2	8.6	3/4	13W	Q1	2-1/2	0	16
2TB90	2TB90	9.35	8.6	9	3/4	13A	Q1	2-1/2	0	15.1
2TB94	2TB94	9.75	9	9.4	3/4	13A	Q1	2-1/2	0	15.5
2TB110	2TB110	11.35	10.6	11	3/4	13A	Q1	2-1/2	0	18.9
2TB124	2TB124	12.75	12	12.4	3/4	13A	Q1	2-1/2	0	21.1
2TB136	2TB136	13.95	13.2	13.6	3/4	13A	Q1	2-1/2	0	23
2TB155	2TB155	15.75	15	15.4	3/4	13A	Q1	2-1/2	0	24.8
2TB160	2TB160	16.35	15.6	16	3/4	13A	Q1	2-1/2	0	27
2TB184*	2TB184	18.75	18	18.4	3/4	13A	Q1	2-1/2	0	32.8
2TB200*	2TB200	20.35	19.5	20	3/4	13A	Q1	2-1/2	0	42.3
2TB250*	2TB250	25.35	24.5	25	3/4	13A	Q1	2-1/2	0	50.3
2TB300*	2TB300	30.35	29.5	30	3/4	13A	Q1	2-1/2	0	68.8
2TB380*	2TB380	38.35	37.5	38	3/4	13A	Q1	2-1/2	0	95.5



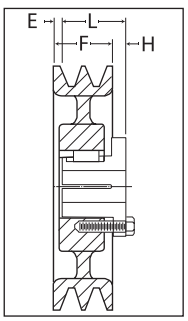
TYPE 3



TYPE 5

3 GROOVES

Part No.	Cross Ref.	Diameters			F = 2-1/2 inches					Weight
		Outside	Datum A Belts	Datum B Belts	H	Type	B	L	E	
3TB34	3TB34	3.75	3	3.4	1-1/16	3	P2	2-15/16	5/8	3.8
3TB36	3TB36	3.95	3.2	3.6	1-1/16	3	P2	2-15/16	5/8	4.4
3TB38	3TB38	4.15	3.4	3.8	5/8	5	P1	1-15/16	1-3/16	3.8
3TB40	3TB40	4.35	3.6	4	5/8	5	P1	1-15/16	1-3/16	4.5
3TB42	3TB42	4.55	3.8	4.2	5/8	5	P1	1-15/16	1-3/16	4.9
3TB44	3TB44	4.75	4	4.4	0	13B	P1	1-15/16	9/16	5.1
3TB46	3TB46	4.95	4.2	4.6	0	13W	P1	1-15/16	9/16	6
3TB48	3TB48	5.15	4.4	4.8	0	13W	P1	1-15/16	9/16	6.3
3TB50	3TB50	5.35	4.6	5	0	13W	P1	1-15/16	9/16	6.9
3TB52	3TB52	5.55	4.8	5.2	0	13W	P1	1-15/16	9/16	7.5
3TB54	3TB54	5.75	5	5.4	0	13W	P1	1-15/16	9/16	8.3
3TB56	3TB56	5.95	5.2	5.6	0	13W	P1	1-15/16	9/16	9
3TB58	3TB58	6.15	5.4	5.8	0	13W	P1	1-15/16	9/16	9.6
3TB60	3TB60	6.35	5.6	6	0	13W	P1	1-15/16	9/16	10.5
3TB62	3TB62	6.55	5.8	6.2	0	13W	P1	1-15/16	9/16	9.4
3TB64	3TB64	6.75	6	6.4	0	13W	P1	1-15/16	9/16	9.5
3TB66	3TB66	6.95	6.2	6.6	0	13W	P1	1-15/16	9/16	10
3TB68	3TB68	7.15	6.4	6.8	0	13W	P1	1-15/16	9/16	10.4
3TB70	3TB70	7.35	6.6	7	3/8	13W	Q1	2-1/2	3/8	13
3TB74	3TB74	7.75	7	7.4	3/8	13W	Q1	2-1/2	3/8	13.3
3TB80	3TB80	8.35	7.6	8	3/8	13W	Q1	2-1/2	3/8	15.3
3TB86	3TB86	8.95	8.2	8.6	3/8	13W	Q1	2-1/2	3/8	18.9
3TB90	3TB90	9.35	8.6	9	3/8	13A	Q1	2-1/2	3/8	18.1
3TB94	3TB94	9.75	9	9.4	3/8	13A	Q1	2-1/2	3/8	18
3TB110	3TB110	11.35	10.6	11	3/8	13A	Q1	2-1/2	3/8	21.3
3TB124	3TB124	12.75	12	12.4	3/8	13A	Q1	2-1/2	3/8	25.4
3TB136	3TB136	13.95	13.2	13.6	3/8	13A	Q1	2-1/2	3/8	27.4
3TB155*	3TB155	15.75	15	15.4	3/8	13A	Q1	2-1/2	3/8	29.8
3TB160*	3TB160	16.35	15.6	16	3/8	13A	Q1	2-1/2	3/8	32
3TB184*	3TB184	18.75	18	18.4	3/8	13A	Q1	2-1/2	3/8	37.8
3TB200*	3TB200	20.35	19.5	20	3/8	13A	Q1	2-1/2	3/8	49.9
3TB250*	3TB250	25.35	24.5	25	3/8	13A	Q1	2-1/2	3/8	61
3TB300*	3TB300	30.35	29.5	30	3/8	13A	Q1	2-1/2	3/8	78.5
3TB380*	3TB380	38.35	37.5	38	3/8	13A	Q1	2-1/2	3/8	110



TYPE 13

* Please contact Baldor for lead time.

QD Sheaves

QD SHEAVES

Dodge branded sheaves come in two bushing styles, QD and Taper-Lock®. In addition to these bushing choices, Baldor now offers choices within our QD sheaves line. Our QD sheave line comes in a standard duty (SD) and a heavy duty (HD) offering.

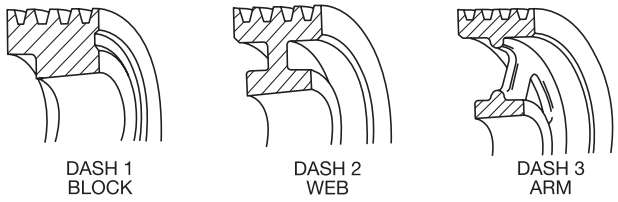
Dodge QD HD Sheave Line offers:

- High strength solution for higher torque and heavy load applications
- Rigid hubs and high strength arms
- Quality materials
- Manufacturing to Industry recognized tolerances

Great for harsh duty applications, such as rock crushers and wood chippers.

Sheaves are manufactured in Baldor plants under strict quality control assurances. Precision machining meets or exceeds joint RMA/MPTA industry standards for smooth operation plus extended belt life. Baldor manufactures all sheaves in plants certified to ISO 9002 quality standards.

Sheave Construction



TYPE 1 TYPE 2 TYPE 3

Dodge stock sheaves are manufactured from high quality gray iron. They are given a corrosion-resistant finish before packaging and shipping. Sheave construction follows the general format illustrated above: smaller sheaves are of the block construction, intermediate sizes of the web type, and large sheaves of the arm-type construction.

QD Sheaves

Sheave Balance

Static balance of stock sheaves is suitable for most applications up to a rim speed of 6500 FPM. Dynamic (two-plane) balance is available at extra charge for applications that are more sensitive to vibration. Dynamic balance is recommended for operation above 6500 FPM.

V-Drive Advantages

- Isolates shock loads and vibration.
- Misalignment capability.
- Drive ratios of 6:1 or more possible.
- Stock drive selections up to:
  1100 design HP at 1180 RPM
  800 design HP at 1770 RPM
- Low maintenance.
- No lubrication required.
- Quiet operation: Motors, etc. are normally at a higher db level than V-Drives.
- Efficiency of 93% is typical.

Computer Selection

For fast, accurate evaluation of viable V-Drive alternatives, use the VIAVISA software program which is available on the website www.baldor.com then select www.ptwizard.com and VIAVISA. Just type the required information on the user-friendly input screen and let the software do the rest. All the significant data on the drive combinations is presented: Cost, RPM, shaft loading, installation tension, face width and diameter, etc. This is shown in a format that allows you to select the best drive for the application. See page 101 for complete information on VIAVISA.

Warning

Stock sheaves are manufactured from gray iron, which is suitable for operation up to 6500 feet per minute rim speed (e.g. 14, max. dia. on a 1750 RPM motor). Operation above this rim speed may cause sheave failure resulting in personnel and/or equipment damage.

Refer to the made-to-order sheave section for constructions that are suitable for operation at higher rim speeds.

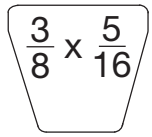
Aramide Cord Belts Warning

Because of the high horsepower rating of Aramide (Kevlar) cord belts, stock sheaves can not be used. Contact Baldor for made to order high capacity sheaves.

SELECTION/DIMENSIONS

BALDOR · DODGE

3V QD Sheaves



1-Groove — **F = ***

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
2.2	**455100**	1-3V2.20-JA	0.93	E1	0.50	0.51
2.35	**455101**	1-3V2.35-JA	1.1	E1	0.50	0.51
2.5	**455102**	1-3V2.50-JA	1.2	E1	0.50	0.51
2.65	**455103**	1-3V2.65-JA	1.4	D1	0.14	0.37
2.8	**455104**	1-3V2.80-JA	1.5	D1	0.14	0.37
3.0	**455105**	1-3V3.00-JA	1.6	D1	0.14	0.37
3.15	**455106**	1-3V3.15-JA	1.7	D1	0.14	0.37
3.35	**455107**	1-3V3.35-JA	1.8	D1	0.14	0.37
3.65	**455108**	1-3V3.65-SH	2.2	D1	0.11	0.57
4.12	**455109**	1-3V4.12-SH	2.7	D1	0.05	0.63
4.5	**455110**	1-3V4.50-SH	3.1	D1	0.05	0.63
4.75	**455111**	1-3V4.75-SH	3.4	D1	0.05	0.63
5.0	**455112**	1-3V5.00-SH	3.7	C1	0.00	0.68
5.3	**455113**	1-3V5.30-SH	3.9	C1	0.00	0.68
5.6	**455114**	1-3V5.60-SH	4.4	C1	0.00	0.68
6.0	**455115**	1-3V6.00-SH	4.5	C1	0.00	0.68
6.5	**455116**	1-3V6.50-SH	4.6	C1	0.00	0.68
6.9	**455117**	1-3V6.90-SH	4.8	C1	0.00	0.68
8.0	**455118**	1-3V8.00-SDS	6.6	C1	0.06	0.64
10.6	**455119**	1-3V10.60-SDS	8.5	C2	0.12	0.58
14.0	**455120**	1-3V14.00-SK	14.0	C3	0.44	1.33
19.0	**455121**	1-3V19.00-SK	20.0	C3	0.16	1.05

* F=1.19 2.2 - 2.5, F=1.09 2.65 - 3.65 & 14.0 - 19.0, F=0.93 4.12 - 4.75, F=0.81 5.0 - 6

2-Groove — **F = 1.09**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
2.2	**455122**	2-3V2.20-JA	1.2	E1	0.50	0.51
2.35	**455123**	2-3V2.35-JA	1.3	E1	0.50	0.51
2.5	**455124**	2-3V2.50-JA	1.5	E1	0.50	0.51
2.65	**455125**	2-3V2.65-JA	1.6	D1	0.14	0.37
2.8	**455126**	2-3V2.80-JA	1.7	D1	0.14	0.37
3.0	**455127**	2-3V3.00-JA	2.0	D1	0.14	0.37
3.15	**455128**	2-3V3.15-JA	2.1	D1	0.14	0.37
3.35	**455129**	2-3V3.35-SH	2.2	D1	0.11	0.57
3.65	**455130**	2-3V3.65-SH	2.6	D1	0.11	0.57
4.12	**455131**	2-3V4.12-SH	3.2	C1	0.28	0.40
4.5	**455132**	2-3V4.50-SH	3.8	C1	0.28	0.40
4.75	**455133**	2-3V4.75-SH	4.1	C1	0.28	0.40
5.0	**455134**	2-3V5.00-SH	4.6	C1	0.28	0.40
5.3	**455135**	2-3V5.30-SH	5.1	C1	0.28	0.40
5.6	**455136**	2-3V5.60-SH	5.6	C1	0.28	0.40
6.0	**455137**	2-3V6.00-SH	5.8	C1	0.12	0.56
6.5	**455138**	2-3V6.50-SDS	6.0	C1	0.34	0.36
6.9	**455139**	2-3V6.90-SDS	6.6	C1	0.34	0.36
8.0	**455140**	2-3V8.00-SDS	7.8	C1	0.34	0.36
10.6	**455141**	2-3V10.60-SK	14.0	C1	0.25	0.64
14.0	**455142**	2-3V14.00-SK	17.0	D3	0.25	0.64
19.0	**455143**	2-3V19.00-SK	24.0	D3	0.00	0.89
25.0	**455144**	2-3V25.00-SF	29.0	D3	0.18	0.76

3-Groove — **F = 1.50**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
2.5	**455145**	3-3V2.5-JA	1.9	E1	0.44	0.51
2.65	**455146**	3-3V2.65-JA	1.9	E1	0.00	0.51
2.8	**455147**	3-3V2.80-JA	2.2	E1	0.00	0.51
3.0	**455148**	3-3V3.00-SH	2.6	E1	0.52	0.68
3.15	**455149**	3-3V3.15-SH	2.8	E1	0.52	0.68
3.35	**455150**	3-3V3.35-SH	3.0	D1	0.11	0.57
3.65	**455151**	3-3V3.65-SH	3.2	D1	0.11	0.57
4.12	**455152**	3-3V4.12-SH	3.6	B1	0.69	0.01
4.5	**455153**	3-3V4.50-SDS	4.3	B1	0.75	0.05
4.75	**455155**	3-3V4.75-SDS	4.8	B1	0.75	0.05
5.0	**455155**	3-3V5.00-SDS	5.1	B1	0.75	0.05
5.3	**455156**	3-3V5.30-SDS	5.8	B1	0.75	0.05
5.6	**455157**	3-3V5.60-SDS	6.5	B1	0.75	0.05
6.0	**455158**	3-3V6.00-SDS	7.5	D1	0.56	0.14
6.5	**455159**	3-3V6.50-SDS	7.8	B1	0.75	0.05
6.9	**455160**	3-3V6.90-SDS	8.0	B1	0.75	0.05
8.0	**455161**	3-3V8.00-SK	12.0	C1	0.25	0.64
10.6	**455162**	3-3V10.60-SK	15.0	D2	0.25	0.64
14.0	**455163**	3-3V14.00-SK	21.0	C3	0.25	0.64
19.0	**455164**	3-3V19.00-SF	36.0	C3	0.25	0.69
25.0	**455165**	3-3V25.00-SF	35.0	C3	0.25	0.69
33.5	**455166**	3-3V33.50-SF	52.0	C3	0.25	0.69

4-Groove — **F = 1.90**

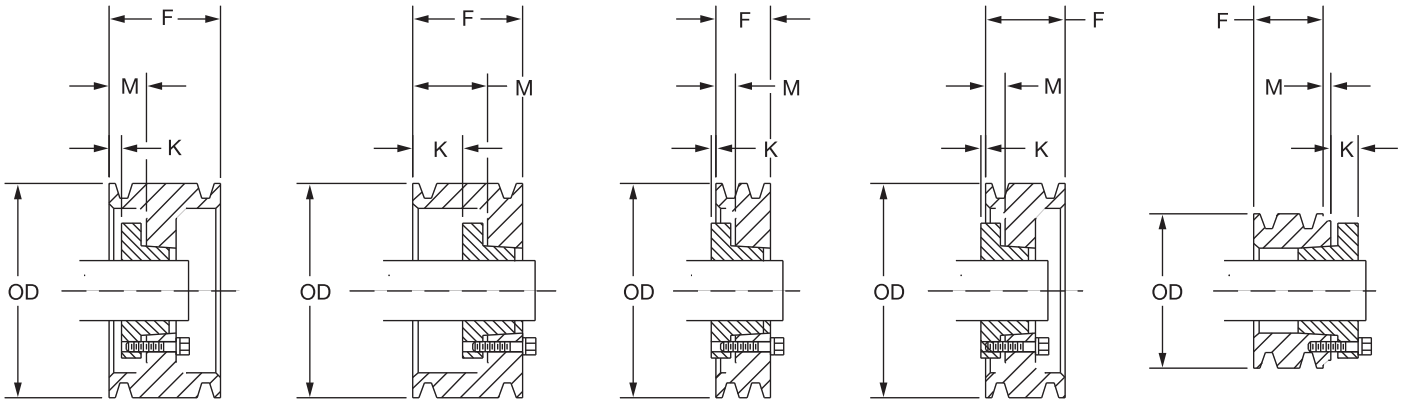
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
2.65	**455167**	4-3V2.65-JA	2.2	E1	0.00	0.51
2.8	**455168**	4-3V2.80-JA	2.4	E1	0.00	0.51
3.0	**455169**	4-3V3.00-SH	2.8	E1	0.38	0.68
3.15	**455170**	4-3V3.15-SH	3.1	E1	0.38	0.68
3.35	**455171**	4-3V3.35-SH	3.3	E1	0.38	0.68
3.65	**455172**	4-3V3.65-SH	3.8	E1	0.38	0.68
4.12	**455173**	4-3V4.12-SH	4.1	A1	1.09	0.41
4.5	**455174**	4-3V4.50-SDS	4.6	A1	1.15	0.45
4.75	**455175**	4-3V4.75-SDS	5.3	A1	1.15	0.45
5.0	**455176**	4-3V5.00-SDS	5.6	A1	1.15	0.45
5.3	**455177**	4-3V5.30-SDS	6.4	A1	1.15	0.45
5.6	**455178**	4-3V5.60-SDS	6.9	A1	1.15	0.45
6.0	**455179**	4-3V6.00-SK	9.4	D1	0.50	0.39
6.5	**455180**	4-3V6.50-SK	9.5	C1	0.66	0.23
6.9	**455181**	4-3V6.90-SK	11.0	C1	0.66	0.23
8.0	**455182**	4-3V8.00-SK	13.0	C1	0.66	0.23
10.6	**455183**	4-3V10.60-SK	18.0	D2	0.66	0.23
14.0	**455184**	4-3V14.00-SK	24.0	D3	0.63	0.27
19.0	**455185**	4-3V19.00-SF	40.0	D3	0.50	0.44
25.0	**455186**	4-3V25.00-SF	41.0	D3	0.63	0.31
33.5	**455187**	4-3V33.50-E	65.0	C3	0.34	0.86

Δ Pitch Diameter = O.D. – .05

‡ **Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.**

BALDOR · DODGE

3V QD Sheaves



TYPE A | TYPE B | TYPE C | TYPE D | TYPE E

5-Groove						F = 2.31
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
4.75	**455188**	5-3V4.75-SDS	5.9	A1	0.75	0.05
5.0	**455189**	5-3V5.00-SDS	6.3	A1	0.75	0.05
5.3	**455190**	5-3V5.30-SK	8.0	A1	0.94	0.05
5.6	**455191**	5-3V5.60-SK	9.0	A1	0.94	0.05
6.0	**455192**	5-3V6.00-SK	11.0	A1	0.94	0.05
6.5	**455193**	5-3V6.50-SK	11.0	A1	0.94	0.05
6.9	**455194**	5-3V6.90-SK	12.0	A1	0.94	0.05
8.0	**455195**	5-3V8.00-SK	15.0	A1	0.94	0.05
10.6	**455196**	5-3V10.60-SK	20.0	A1	0.94	0.05
14.0	**455197**	5-3V14.00-SF	31.0	D3	0.63	0.32
19.0	**455198**	5-3V19.00-SF	46.0	D3	0.63	0.31
25.0	**455199**	5-3V25.00-E	50.0	C3	0.63	0.57
33.5	**455200**	5-3V33.50-E	74.0	C3	0.63	0.57

6-Groove						F = 2.72
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
4.75	**455201**	6-3V4.75-SK	7.1	E1	0.00	0.89
5.0	**455202**	6-3V5.00-SK	7.8	E1	0.00	0.89
5.3	**455203**	6-3V5.30-SK	8.6	A1	1.31	0.42
5.6	**455204**	6-3V5.60-SK	8.8	A1	1.31	0.42
6.0	**455205**	6-3V6.00-SK	11.0	A1	1.31	0.42
6.5	**455206**	6-3V6.50-SK	12.0	A1	1.31	0.42
6.9	**455207**	6-3V6.90-SK	13.0	A1	1.31	0.42
8.0	**455208**	6-3V8.00-SK	17.0	D1	0.59	0.30
10.6	**455209**	6-3V10.60-SF	23.0	D1	0.88	0.07
14.0	**455210**	6-3V14.00-SF	33.0	D3	0.88	0.06
19.0	**455211**	6-3V19.00-E	62.0	D3	0.88	0.32
25.0	**455212**	6-3V25.00-E	56.0	D3	1.00	0.20
33.5	**455213**	6-3V33.50-E	83.0	D3	1.00	0.20

8-Groove						F = 3.53
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
4.75	**455214**	8-3V4.75-SK	8.4	E1	0.00	0.89
5.0	**455215**	8-3V5.00-SK	8.6	E1	0.00	0.89
5.3	**455216**	8-3V5.30-SK	10.0	A1	1.31	0.42
5.6	**455217**	8-3V5.60-SK	11.0	A1	1.31	0.42
6.0	**455218**	8-3V6.00-SK	13.0	A1	1.31	0.42
6.5	**455219**	8-3V6.50-SK	15.0	A1	1.31	0.42
6.9	**455220**	8-3V6.90-SK	15.0	A1	1.53	0.64
8.0	**455221**	8-3V8.00-SF	20.0	A1	1.31	0.37
10.6	**455222**	8-3V10.60-SF	29.0	A2	1.12	0.18
14.0	**455223**	8-3V14.00-E	51.0	A3	1.25	0.05
19.0	**455224**	8-3V19.00-E	70.0	D3	1.12	0.08
25.0	**455225**	8-3V25.00-E	67.0	A3	1.25	0.05
33.5	**455226**	8-3V33.50-F	98.0	D3	1.06	0.36

10-Groove						F = 4.34
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
4.75	**455227**	10-3V4.75-SK	9.7	E1	0.00	0.89
5.0	**455228**	10-3V5.00-SK	11.0	E1	0.00	0.89
5.3	**455229**	10-3V5.30-SK	12.0	A1	1.44	0.55
5.6	**455230**	10-3V5.60-SK	13.0	A1	1.44	0.55
6.0	**455231**	10-3V6.00-SK	15.0	A1	1.44	0.55
6.5	**455232**	10-3V6.50-SK	16.0	A1	1.44	0.55
6.9	**455233**	10-3V6.90-SK	18.0	A1	1.44	0.55
8.0	**455234**	10-3V8.00-SF	22.0	A1	1.63	0.69
10.6	**455235**	10-3V10.60-E	41.0	A1	1.25	0.05
14.0	**455236**	10-3V14.00-E	55.0	A2	1.25	0.05
19.0	**455237**	10-3V19.00-E	80.0	A3	1.25	0.05
25.0	**455238**	10-3V25.00-F	83.0	D3	1.31	0.11
33.5	**455239**	10-3V33.50-F	124.0	D3	1.31	0.11

Δ Pitch Diameter = O.D. – .05

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

SELECTION/DIMENSIONS

BALDOR · DODGE

5V QD Sheaves

2-Groove — F = 1.69

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
++4.4	**455240**	2-5V4.40-SH	4.0	D1	0.19	0.49
++4.65	**455241**	2-5V4.65-SDS	4.4	E1	0.19	0.70
++4.9	**455242**	2-5V4.90-SDS	5.1	E1	0.19	0.51
++5.2	**455243**	2-5V5.20-SDS	5.7	D1	0.69	0.01
++5.5	**455244**	2-5V5.50-SDS	5.9	D1	0.69	0.01
++5.9	**455245**	2-5V5.90-SDS	6.8	D1	0.69	0.01
++6.3	**455246**	2-5V6.30-SK	10.0	C1	0.44	0.45
++6.7	**455247**	2-5V6.70-SK	13.0	C1	0.44	0.45
7.1	**455248**	2-5V7.10-SK	10.0	C1	0.44	0.45
7.5	**455249**	2-5V7.50-SK	12.0	C1	0.44	0.45
8.0	**455250**	2-5V8.00-SK	10.0	C1	0.44	0.45
8.5	**455251**	2-5V8.50-SK	11.0	C2	0.44	0.45
9.0	**455252**	2-5V9.00-SK	12.0	C2	0.44	0.45
9.25	**455253**	2-5V9.25-SK	13.0	C1	0.44	0.45
9.75	**455254**	2-5V9.75-SK	13.0	C1	0.44	0.45
10.3	**455255**	2-5V10.30-SK	15.0	C2	0.44	0.45
10.9	**455256**	2-5V10.90-SK	16.0	C2	0.44	0.45
11.3	**455257**	2-5V11.30-SK	19.0	C2	0.44	0.45
11.8	**455258**	2-5V11.80-SK	18.0	C2	0.44	0.45
12.5	**455259**	2-5V12.50-SF	20.0	C2	0.44	0.50
13.2	**455260**	2-5V13.20-SF	21.0	D3	0.31	0.63
14.0	**455261**	2-5V14.00-SF	23.0	D3	0.31	0.63
15.0	**455262**	2-5V15.00-SF	26.0	D3	0.31	0.63
16.0	**455263**	2-5V16.00-SF	29.0	D3	0.31	0.63
18.7	**455264**	2-5V18.70-SF	39.0	D3	0.31	0.63
21.2	**455265**	2-5V21.20-SF	39.0	C3	0.44	0.50
23.6	**455266**	2-5V23.60-E	48.0	D3	0.25	0.95
28.0	**455267**	2-5V28.00-E	60.0	D3	0.25	0.95
31.5	–	–	–	–	–	–
37.5	–	–	–	–	–	–
50.0	–	–	–	–	–	–

3-Groove — F = 2.38

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
++4.4	**455268**	3-5V4.40-SDS	5.7	E1	0.00	0.70
++4.65	**455269**	3-5V4.65-SDS	6.2	E1	0.00	0.70
++4.9	**455270**	3-5V4.90-SDS	6.3	A1	1.06	0.36
++5.2	**455271**	3-5V5.20-SDS	6.8	A1	1.06	0.36
++5.5	**455272**	3-5V5.50-SDS	7.7	A1	1.06	0.36
++5.9	**455273**	3-5V5.90-SDS	8.3	A1	1.06	0.36
++6.3	**455274**	3-5V6.30-SK	12.0	B1	1.13	0.24
++6.7	**455275**	3-5V6.70-SK	13.0	B1	1.13	0.24
7.1	**455276**	3-5V7.10-SF	15.0	A1	1.00	0.06
7.5	**455277**	3-5V7.50-SF	17.0	A1	1.00	0.06
8.0	**455278**	3-5V8.00-SF	19.0	A1	1.00	0.06
8.5	**455279**	3-5V8.50-SF	21.0	D1	0.81	0.13
9.0	**455280**	3-5V9.00-SF	22.0	D1	0.81	0.13
9.25	**455281**	3-5V9.25-SF	23.0	A1	1.00	0.06
9.75	**455282**	3-5V9.75-SF	23.0	A2	1.13	0.19
10.3	**455284**	3-5V10.30-SF	25.0	A2	1.00	0.06
10.9	**455285**	3-5V10.90-SF	27.0	D2	0.81	0.13
11.3	**455286**	3-5V11.30-SF	25.0	D2	0.81	0.13
11.8	**455287**	3-5V11.80-SF	28.0	A2	1.00	0.06
12.5	**455288**	3-5V12.50-E	36.0	D2	0.56	0.64
13.2	**455289**	3-5V13.20-E	38.0	C2	0.75	0.45
14.0	**455290**	3-5V14.00-E	46.0	D3	0.56	0.64
15.0	**455291**	3-5V15.00-E	48.0	D3	0.63	0.57
16.0	**455292**	3-5V16.00-E	50.0	D3	0.63	0.57
18.7	**455293**	3-5V18.70-E	54.0	D3	0.50	0.70
21.2	**455294**	3-5V21.20-E	62.0	C3	0.75	0.45
23.6	**455295**	3-5V23.60-E	79.0	C3	0.75	0.45
28.0	**455296**	3-5V28.00-E	85.0	C3	0.75	0.45
31.5	**455297**	3-5V31.50-F	124.0	D3	0.56	0.86
37.5	**455298**	3-5V37.50-F	143.0	D3	0.56	0.86
50.0	**455299**	3-5V50.00-F	218.0	D3	0.31	1.11

4-Groove — F = 3.06

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
++4.4	**455300**	4-5V4.40-SD	6.8	E1	0.00	0.70
++4.65	**455301**	4-5V4.65-SD	7.7	E1	0.00	0.70
++4.9	**455302**	4-5V4.90-SD	8.0	A1	1.31	0.61
++5.2	**455303**	4-5V5.20-SD	8.7	A1	1.31	0.61
++5.5	**455304**	4-5V5.50-SD	9.7	A1	1.31	0.61
++5.9	**455305**	4-5V5.90-SD	11.0	A1	1.31	0.61
++6.3	**455306**	4-5V6.30-SK	13.0	A1	1.31	0.42
++6.7	**455307**	4-5V6.70-SK	14.0	A1	1.31	0.42
7.1	**455308**	4-5V7.10-SF	17.0	A1	1.31	0.37
7.5	**455309**	4-5V7.50-SF	20.0	A1	1.06	0.12
8.0	**455310**	4-5V8.00-E	28.0	B1	1.44	0.24
8.5	**455311**	4-5V8.50-E	30.0	B1	1.44	0.24
9.0	**455312**	4-5V9.00-E	33.0	B1	1.44	0.24
9.25	**455313**	4-5V9.25-E	36.0	B1	1.44	0.24
9.75	**455314**	4-5V9.75-E	36.0	B1	1.44	0.24
10.3	**455315**	4-5V10.30-E	37.0	B1	1.44	0.24
10.9	**455316**	4-5V10.90-E	40.0	B1	1.44	0.24
11.3	**455317**	4-5V11.30-E	39.0	B1	1.44	0.24
11.8	**455318**	4-5V11.80-E	42.0	B2	1.44	0.24
12.5	**455319**	4-5V12.50-E	43.0	B2	1.44	0.24
13.2	**455320**	4-5V13.20-E	44.0	A3	1.06	0.14
14.0	**455321**	4-5V14.00-E	47.0	A3	1.31	0.11
15.0	**455322**	4-5V15.00-E	50.0	A3	1.31	0.11
16.0	**455323**	4-5V16.00-E	51.0	A3	1.31	0.11
18.7	**455324**	4-5V18.70-E	63.0	A3	1.31	0.11
21.2	**455325**	4-5V21.20-E	62.0	D3	0.88	0.32
23.6	**455326**	4-5V23.60-F	75.0	D3	0.88	0.54
28.0	**455327**	4-5V28.00-F	94.0	D3	0.88	0.54
31.5	**455328**	4-5V31.50-F	111.0	D3	0.88	0.54
37.5	**455329**	4-5V37.50-F	144.0	D3	0.88	0.54
50.0	**455330**	4-5V50.00-J	267.0	D3	0.69	0.91

5-Groove — F = 3.75

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
++4.4	**455331**	5-5V4.40-SD	8.0	E1	0.00	0.70
++4.65	**455332**	5-5V4.65-SD	8.5	E1	0.00	0.70
++4.9	**455333**	5-5V4.90-SD	10.0	E1	0.00	0.70
++5.2	**455334**	5-5V5.20-SD	11.0	A1	1.31	0.61
++5.5	**455335**	5-5V5.50-SD	11.0	A1	1.31	0.61
++5.9	**455336**	5-5V5.90-SK	13.0	A1	1.31	0.42
++6.3	**455337**	5-5V6.30-SK	15.0	A1	1.31	0.42
++6.7	**455338**	5-5V6.70-SF	16.0	A1	1.19	0.25
7.1	**455339**	5-5V7.10-SF	19.0	A1	1.19	0.25
7.5	**455340**	5-5V7.50-SF	21.0	A1	1.19	0.25
8.0	**455341**	5-5V8.00-E	30.0	A1	1.38	0.18
8.5	**455342**	5-5V8.50-E	33.0	A1	1.38	0.18
9.0	**455343**	5-5V9.00-E	36.0	A1	1.38	0.18
9.25	**455344**	5-5V9.25-E	38.0	A1	1.38	0.18
9.75	**455345**	5-5V9.75-E	38.0	A1	1.38	0.18
10.3	**455346**	5-5V10.30-E	41.0	A1	1.38	0.18
10.9	**455347**	5-5V10.90-E	45.0	A1	1.38	0.18
11.3	**455348**	5-5V11.30-E	42.0	A1	1.38	0.18
11.8	**455349**	5-5V11.80-E	45.0	A2	1.38	0.18
12.5	**455350**	5-5V12.50-E	55.0	A2	1.38	0.18
13.2	**455351**	5-5V13.20-E	58.0	A2	1.38	0.18
14.0	**455352**	5-5V14.00-E	60.0	A2	1.38	0.18
15.0	**455353**	5-5V15.00-E	61.0	A3	1.31	0.11
16.0	**455354**	5-5V16.00-E	67.0	A3	1.25	0.05
18.7	**455355**	5-5V18.70-F	92.0	C3	1.31	0.11
21.2	**455356**	5-5V21.20-F	77.0	C3	1.31	0.11
23.6	**455357**	5-5V23.60-F	88.0	C3	1.31	0.11
28.0	**455358**	5-5V28.00-F	111.0	D3	1.08	0.34
31.5	**455359**	5-5V31.50-J	150.0	D3	1.00	0.60
37.5	**455360**	5-5V37.50-J	186.0	D3	0.81	0.79
50.0	**455361**	5-5V50.00-J	273.0	D3	1.00	0.60

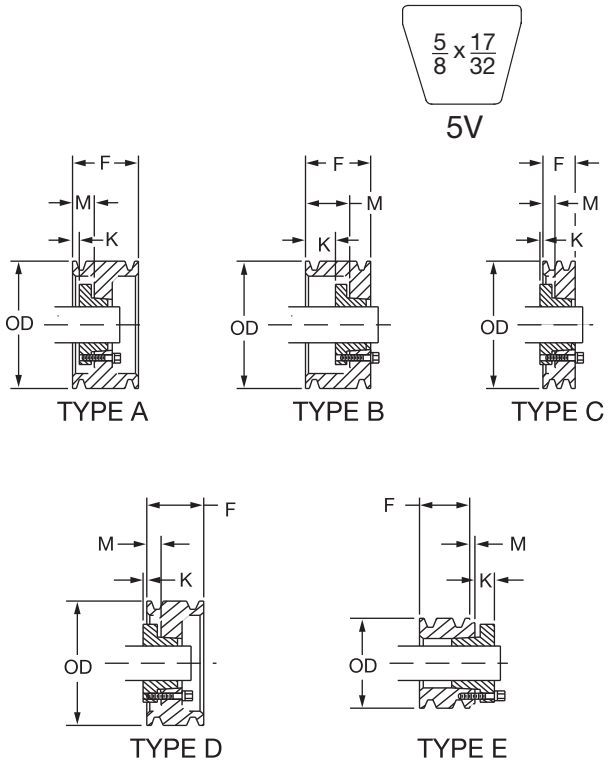
Δ Pitch diameter = O.D. – .10 . . . >∞∞

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

++ 5VX Belts only on these sizes.

BALDOR · DODGE

5V QD Sheaves



8-Groove						F = 5.81
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
7.1	**455393**	8-5V7.10-SF	24.0	A1	2.13	1.19
7.5	**455394**	8-5V7.50-SF	28.0	A1	2.13	1.19
8.0	**455395**	8-5V8.00-E	36.0	A1	2.50	1.30
8.5	**455396**	8-5V8.50-E	39.0	A1	2.50	1.30
9.0	**455397**	8-5V9.00-E	43.0	A1	2.50	1.30
9.25	**455398**	8-5V9.25-F	55.0	A1	2.31	0.89
9.75	**455399**	8-5V9.75-F	56.0	A1	2.31	0.89
10.3	**455400**	8-5V10.30-F	60.0	A1	2.31	0.89
10.9	**455401**	8-5V10.90-F	65.0	A1	2.31	0.89
11.3	**455402**	8-5V11.30-F	70.0	A1	2.31	0.89
11.8	**455403**	8-5V11.80-F	67.0	A1	2.31	0.89
12.5	**455404**	8-5V12.50-F	76.0	A1	2.56	1.14
13.2	**455405**	8-5V13.20-F	77.0	A1	2.56	1.14
14.0	**455406**	8-5V14.00-F	77.0	A1	2.44	1.02
15.0	**455407**	8-5V15.00-F	85.0	A2	2.44	1.02
16.0	**455408**	8-5V16.00-F	90.0	A3	2.38	0.96
18.7	**455409**	8-5V18.70-J	138.0	A3	2.91	1.31
21.2	**455410**	8-5V21.20-J	126.0	D3	1.56	0.04
23.6	**455411**	8-5V23.60-J	141.0	D3	1.56	0.04
28.0	**455412**	8-5V28.00-J	172.0	D3	1.56	0.04
31.5	**455413**	8-5V31.50-M	246.0	A3	1.94	0.20
37.5	**455414**	8-5V37.50-M	296.0	A3	1.94	0.20
50.0	**455415**	8-5V50.00-M	419.0	A3	1.94	0.20

Δ Pitch diameter = O.D. – .10

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See drawings page 64.

++ 5VX Belts only on these sizes.

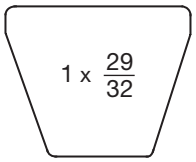
6-Groove						F = 4.44
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
4.4++	**455362**	6-5V4.40-SD	9.0	E1	0.00	0.70
4.65++	**455363**	6-5V4.65-SD	10.0	E1	0.00	0.70
4.90++	**455364**	6-5V4.90-SD	11.0	E1	0.00	0.70
5.20++	**455365**	6-5V5.20-SD	12.0	A1	1.31	0.61
5.50++	**455366**	6-5V5.50-SD	13.0	A1	1.31	0.61
5.90++	**455367**	6-5V5.90-SK	14.0	A1	1.31	0.42
6.30++	**455368**	6-5V6.30-SK	16.0	A1	1.31	0.42
6.70++	**455369**	6-5V6.70-SF	19.0	A1	1.69	0.75
7.1	**455370**	6-5V7.10-SF	21.0	A1	1.63	0.68
7.5	**455371**	6-5V7.50-SF	24.0	A1	1.63	0.68
8.0	**455372**	6-5V8.00-E	32.0	A1	2.00	0.80
8.5	**455373**	6-5V8.50-E	34.0	A1	2.00	0.80
9.0	**455374**	6-5V9.00-E	38.0	A1	2.00	0.80
9.25	**455375**	6-5V9.25-E	40.0	A1	2.00	0.80
9.75	**455376**	6-5V9.75-E	41.0	A1	2.00	0.80
10.3	**455377**	6-5V10.30-E	44.0	A1	2.00	0.80
10.9	**455378**	6-5V10.90-E	49.0	A1	2.00	0.80
11.3	**455379**	6-5V11.30-E	47.0	A1	2.00	0.80
11.8	**455380**	6-5V11.80-E	49.0	A2	2.00	0.80
12.5	**455381**	6-5V12.50-F	63.0	B2	2.06	0.64
13.2	**455382**	6-5V13.20-F	64.0	B2	2.06	0.64
14.0	**455383**	6-5V14.00-F	73.0	B2	2.06	0.64
15.0	**455384**	6-5V15.00-F	75.0	D2	1.31	0.11
16.0	**455385**	6-5V16.00-F	91.0	B3	1.88	0.46
18.7	**455386**	6-5V18.70-F	99.0	A3	1.44	0.02
21.2	**455387**	6-5V21.20-F	86.0	D3	1.31	0.11
23.6	**455388**	6-5V23.60-J	121.0	B3	1.31	0.11
28.0	**455389**	6-5V28.00-J	145.0	B3	1.31	0.11
31.5	**455390**	6-5V31.50-J	167.0	B3	1.31	0.11
37.5	**455391**	6-5V37.50-J	208.0	B3	1.31	0.11
50.0	**455392**	6-5V50.00-M	353.0	B3	0.00	1.74

10-Groove						F = 7.19
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
8.0	**456062**	10-5V8.00-E	42.0	A1	3.25	2.05
8.5	**456063**	10-5V8.50-E	44.0	A1	3.25	2.05
9.0	**456064**	10-5V9.00-F	57.0	A1	3.31	1.89
9.25	**456065**	10-5V9.25-F	60.0	A1	3.31	1.89
9.75	**456066**	10-5V9.75-F	61.0	A1	3.31	1.89
10.3	**456067**	10-5V10.30-F	66.0	A1	3.31	1.89
10.9	**456068**	10-5V10.90-F	72.0	A1	3.31	1.89
11.3	**456069**	10-5V11.30-F	78.0	A1	3.31	1.89
11.8	**456070**	10-5V11.80-F	80.0	A1	3.31	1.89
12.5	**456071**	10-5V12.50-J	111.0	A1	3.56	1.96
13.2	**456072**	10-5V13.2-J	115.0	A1	3.56	1.96
14.0	**456073**	10 5V14.00-J	118.0	A1	3.44	1.84
15.0	**456074**	10-5V15.00-J	120.0	A1	3.31	1.71
16.0	**456075**	10-5V16.00-J	160.0	A1	3.56	1.96
18.7	**456076**	10-5V18.70-J	151.0	D2	1.56	0.04
21.2	**456077**	10-5V21.20-J	143.0	D2	1.56	0.04
23.6	**456078**	10-5V23.60-M	209.0	B3	1.94	0.20
28.0	**456079**	10-5V28.00-M	245.0	B3	1.94	0.20
31.5	**456080**	10-5V31.50-M	277.0	B3	1.94	0.20
37.5	**456081**	10-5V37.50-M	337.0	B3	1.94	0.20
50.0	**456082**	10-5V50.00-M	484.0	B3	1.94	0.20

SELECTION/DIMENSIONS

BALDOR · DODGE®

8V QD Sheaves



4-Groove — **F = 4.88**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.5	**455416**	4-8V12.50-F	83.0	D1	1.19	0.23
13.2	**455417**	4-8V13.20-F	88.0	D2	1.19	0.23
14.0	**455418**	4-8V14.00-F	88.0	D2	1.19	0.23
15.0	**455419**	4-8V15.00-F	111.0	D2	1.19	0.23
16.0	**455420**	4-8V16.00-F	105.0	D2	1.19	0.23
17.0	**455521**	4-8V17.00-F	150.0	D3	1.19	0.23
18.0	**455422**	4-8V18.00-F	150.0	D3	1.19	0.23
19.0	**455423**	4-8V19.00-F	146.0	D3	1.19	0.23
20.0	**455424**	4-8V20.00-J	145.0	D3	1.44	0.16
21.2	**455425**	4-8V21.20-J	181.0	D3	1.44	0.16
22.4	**455426**	4-8V22.40-J	199.0	D3	1.44	0.16
24.8	**456654**	4-8V24.80-M	211.0	C3	1.44	0.93
30.0	**455427**	4-8V30.00-M	292.0	C3	0.81	0.93
35.5	**456655**	4-8V35.50-M	367.0	C3	0.81	0.93
40.0	**455428**	4-8V40.00-M	434.0	C3	0.81	0.93
44.5	**456656**	4-8V44.50-M	371.0	C3	0.81	0.93
53.0	**455429**	4-8V53.00-M	818.0	C3	0.81	0.93

5-Groove — **F = 6.00**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.5	**455430**	5-8V12.50-F	69.0	A2	2.31	0.89
13.2	**455431**	5-8V13.20-F	75.0	A2	2.31	0.89
14.0	**455432**	5-8V14.00-F	83.0	A2	2.31	0.89
15.0	**455433**	5-8V15.00-F	94.0	A2	2.31	0.89
16.0	**455434**	5-8V16.00-F	106.0	A2	2.31	0.89
17.0	**455435**	5-8V17.00-J	133.0	A2	2.00	0.40
18.0	**455436**	5-8V18.00-J	147.0	A3	2.00	0.40
19.0	**455437**	5-8V19.00-J	161.0	A3	2.00	0.40
20.0	**455438**	5-8V20.00-J	141.0	A3	2.00	0.40
21.2	**455439**	5-8V21.20-J	151.0	A3	2.00	0.40
22.4	**456402**	5-8V22.4-M	208.0	D3	1.94	0.20
24.8	**456657**	5-8V24.80-M	229.0	D3	1.94	0.20
30.0	**455441**	5-8V30.00-M	276.0	D3	1.94	0.20
35.5	**456658**	5-8V35.50-M	334.0	D3	1.94	0.20
40.0	**455442**	5-8V40.00-M	385.0	D3	1.94	0.20
44.5	**456659**	5-8V44.50-N	459.0	C3	0.94	1.11
53.0	**455443**	5-8V53.00-N	574.0	C3	0.94	1.11

6-Groove — **F = 7.13**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.5	**455444**	6-8V12.50-F	78.0	A1	2.31	0.89
13.2	**455445**	6-8V13.20-F	85.0	A2	2.31	0.89
14.0	**455446**	6-8V14.00-F	94.0	A2	2.31	0.89
15.0	**455447**	6-8V15.00-J	122.0	A2	2.56	0.96
16.0	**455448**	6-8V16.00-J	134.0	A2	2.56	0.96
17.0	**455449**	6-8V17.00-J	147.0	A2	2.56	0.96
18.0	**455450**	6-8V18.00-J	161.0	A2	2.56	0.96
19.0	**455451**	6-8V19.00-J	177.0	A3	2.56	0.96
20.0	**455452**	6-8V20.00-M	232.0	B3	2.94	1.20
21.2	**455453**	6-8V21.20-M	216.0	B3	2.94	1.20
22.4	**455454**	6-8V22.40-M	227.0	B3	2.94	1.20
24.8	**456660**	6-8V24.80-M	251.0	B3	1.94	0.20
30.0	**455455**	6-8V30.00-M	306.0	B3	2.06	0.32
35.5	**456661**	6-8V35.50-N	391.0	C3	1.13	0.92
40.0	**455456**	6-8V40.00-N	450.0	C3	1.13	0.92
44.5	**456662**	6-8V44.50-N	511.0	C3	1.13	0.92
53.0	**455457**	6-8V53.00-N	646.0	C3	1.13	0.92
63.0	**456663**	6-8V63.00-P	856.0	C3	2.00	0.30
71.0	**456690**	6-8V71.00-P	1016.0	C3	2.00	0.30

8-Groove — **F = 9.38**

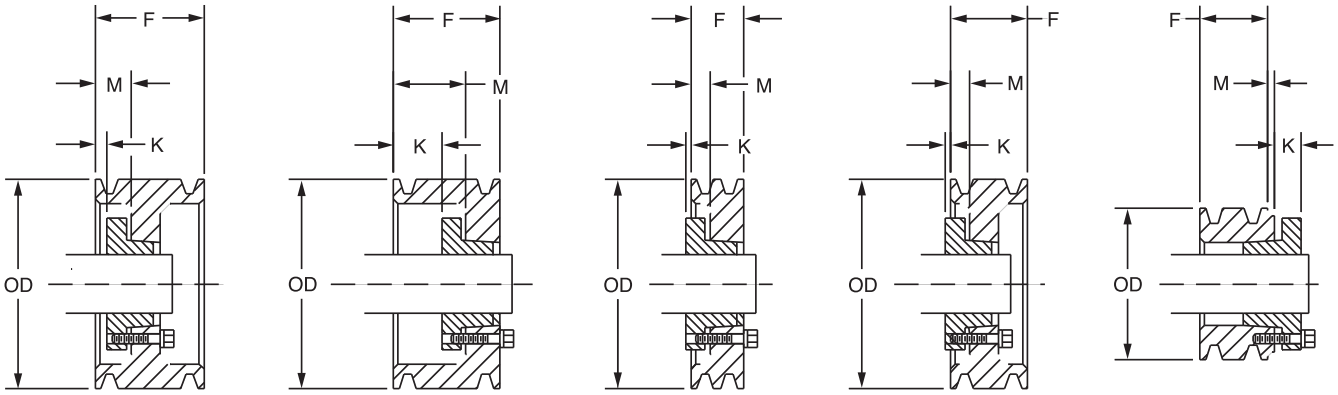
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.5	**455458**	8-8V12.50-J	115.0	A1	3.56	1.96
13.2	**455459**	8-8V13.20-J	129.0	A2	3.56	1.96
14.0	**455460**	8-8V14.00-J	146.0	A2	3.56	1.96
15.0	**455461**	8-8V15.00-J	144.0	A2	3.56	1.96
16.0	**455462**	8-8V16.00-J	158.0	A2	3.56	1.96
17.0	**455463**	8-8V17.00-M	214.0	A1	3.94	2.20
18.0	**455464**	8-8V18.00-M	230.0	A2	4.19	2.45
19.0	**455465**	8-8V19.00-M	247.0	A2	3.94	2.20
20.0	**455466**	8-8V20.00-M	266.0	A2	3.94	2.20
21.2	**455467**	8-8V21.20-M	245.0	A3	3.94	2.20
22.4	**455468**	8-8V22.40-M	264.0	A3	2.25	0.51
24.8	**456664**	8-8V24.80-N	315.0	A3	2.25	0.20
30.0	**455469**	8-8V30.00-N	384.0	A3	2.25	0.20
35.5	**456665**	8-8V35.50-N	468.0	A3	2.25	0.20
40.0	**455470**	8-8V40.00-N	543.0	B3	2.63	0.58
44.5	**456666**	8-8V44.50-P	670.0	B3	2.63	0.33
53.0	**455471**	8-8V53.00-P	833.0	B3	2.63	0.33
63.0	**456667**	8-8V63.00-P	1049.0	B3	2.63	0.33
71.0	**456691**	8-8V71.00-W	1266.0	C3	0.19	2.37

Δ Pitch diameter = O.D. – .20

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

BALDOR · DODGE®

8V QD Sheaves



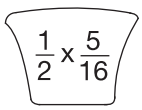
10-Groove						F = 11.63
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.5	**455472**	10-8V12.50-J	133	A1	3.56	1.96
13.2	**455473**	10-8V13.20-J	148	A1	3.56	1.96
14.0	**455474**	10-8V14.00-J	166	A2	3.56	1.96
15.0	**455475**	10-8V15.00-M	224	A2	3.94	2.20
16.0	**455476**	10-8V16.00-M	260	A2	3.94	2.20
17.0	**455477**	10-8V17.00-M	241	A1	3.94	2.20
18.0	**455478**	10-8V18.00-M	259	A2	3.94	2.20
19.0	**455479**	10-8V19.00-M	279	A2	3.94	2.20
20.0	**455480**	10-8V20.00-M	300	A2	3.94	2.20
21.2	**455481**	10-8V21.20-M	286	A3	3.94	2.20
22.4	**455482**	10-8V22.40-N	321	A3	2.25	0.20
24.8	**456668**	10-8V24.80-N	357	A3	2.25	0.20
30.0	**455483**	10-8V30.00-N	444	A3	2.25	0.20
35.5	**456669**	10-8V35.50-P	591	A3	2.63	0.33
40.0	**455484**	10-8V40.00-P	680	A3	2.63	0.33
44.5	**456670**	10-8V44.50-P	775	A3	2.63	0.33
53.0	**455485**	10-8V53.00-P	971	A3	2.63	0.33
63.0	**456671**	10-8V63.00-W	1256	D3	1.31	1.25
71.0	**456692**	10-8V71.00-W	1482	D3	1.31	1.25

12-Groove						F = 13.88
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.5	**456672**	12-8V12.50-M	164	A1	3.94	2.20
13.2	**456673**	12-8V13.20-M	186	A1	3.94	2.20
14.0	**456674**	12-8V14.00-M	213	A1	3.94	2.20
15.0	**456675**	12-8V15.00-M	248	A2	3.94	2.20
16.0	**456676**	12-8V16.00-M	285	A1	3.94	2.20
17.0	**456677**	12-8V17.00-M	270	A1	3.94	2.20
18.0	**456678**	12-8V18.00-M	292	A2	3.94	2.20
19.0	**456679**	12-8V19.00-N	330	A2	2.25	0.20
20.0	**456680**	12-8V20.00-N	354	A2	2.25	0.20
21.2	**456681**	12-8V21.20-N	365	A3	2.25	0.20
22.4	**456682**	12-8V22.40-N	367	A3	2.25	0.20
24.8	**456683**	12-8V24.80-N	408	A3	2.25	0.20
30.0	**456684**	12-8V30.00-P	557	A3	2.63	0.32
35.5	**456685**	12-8V35.50-P	671	A3	2.63	0.32
40.0	**456686**	12-8V40.00-P	776	A3	2.63	0.32
44.5	**456687**	12-8V44.50-P	887	A3	2.63	0.32
53.0	**456688**	12-8V53.00-W	1150	A3	2.88	0.32
63.0	**456689**	12-8V63.00-W	1445	D3	2.44	0.12
71.0	**456693**	12-8V71.00-W	1706	D3	2.44	0.12

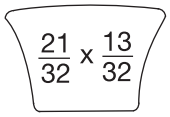
Δ Pitch diameter = O.D. – .20

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

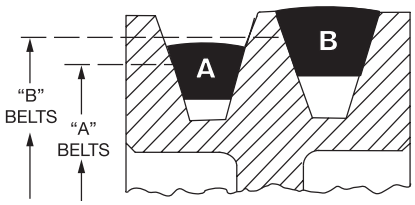
A/B QD Sheaves



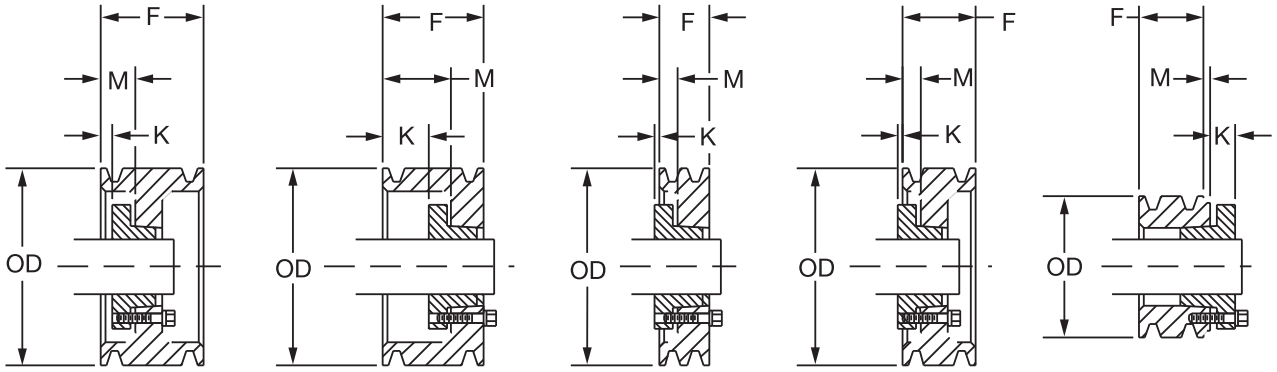
A



B



Drawing illustrates how either A or B belts may be used with combination groove sheaves.



TYPE A TYPE B TYPE C TYPE D TYPE E

1-Groove		F = .84 A3.2 through A4.0 B4.4				Balance F = 1
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
3.75	**118283**	1B34-SH	2.0	E1	0.44	0.68
3.95	**118284**	1B36-SH	2.2	D1	0.05	0.63
4.15	**118285**	1B38-SH	2.4	D1	0.05	0.63
4.35	**118286**	1B40-SH	2.7	D1	0.05	0.63
4.55	**455550**	1B42-SH	2.9	D1	0.05	0.63
4.75	**455551**	1B44-SH	3.4	D1	0.05	0.63
4.95	**455552**	1B46-SDS	4.0	D1	0.14	0.55
5.15	**455553**	1B48-SDS	4.0	D1	0.14	0.55
5.35	**455554**	1B50-SDS	4.0	D1	0.14	0.55
5.55	**455555**	1B52-SDS	5.0	D1	0.14	0.55
5.75	**455556**	1B54-SDS	5.0	D1	0.14	0.55
5.95	**455557**	1B56-SDS	6.0	C1	0.25	0.45
6.15	**455558**	1B58-SDS	6.0	C1	0.25	0.45
6.35	**455559**	1B60-SDS	6.0	C1	0.25	0.45
6.55	**455560**	1B62-SDS	6.0	C1	0.25	0.45
6.75	**455561**	1B64-SDS	6.0	C1	0.25	0.45
6.95	**455562**	1B66-SDS	7.0	C1	0.25	0.45
7.15	**455563**	1B68-SDS	7.0	C1	0.25	0.45
7.35	**455564**	1B70-SDS	7.5	D1	0.13	0.57
7.75	**455565**	1B74-SDS	8.0	C1	0.25	0.45
8.35	**455566**	1B80-SDS	8.0	D1	0.13	0.57
8.95	**455567**	1B86-SDS	8.0	D2	0.13	0.57
9.75	**455568**	1B94-SDS	8.0	D2	0.13	0.57
11.35	**455569**	1B110-SDS	10.0	D2	0.13	0.57
12.75	**455570**	1B124-SDS	11.0	D3	0.13	0.57
13.95	**455571**	1B136-SDS	13.0	D3	0.06	0.63
15.75	**455572**	1B154-SK	16.0	C3	0.06	0.83
16.35	**455573**	1B160-SK	17.0	C3	0.00	0.89
18.75	**455574**	1B184-SK	18.0	C3	0.00	0.89
20.35	**455575**	1B200-SK	18.0	C3	0.00	0.89

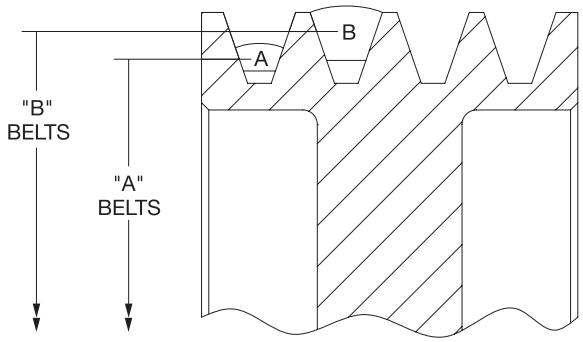
Δ P.D. for "A" Belts = O.D. – .37
P.D. for "B" Belts = O.D. + .01
P.D. for "B" Belts = O.D. + .01

‡ **Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.**

2-Groove						F = 1.75
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
3.75	**455576**	2B34-SH	3.2	E1	0.38	0.68
3.95	**455577**	2B36-SH	3.4	E1	0.00	0.68
4.15	**455578**	2B38-SH	3.9	E1	0.00	0.68
4.35	**455579**	2B40-SH	3.8	A1	0.94	0.26
4.55	**455580**	2B42-SH	4.4	A1	0.94	0.26
4.75	**455581**	2B44-SH	4.6	A1	0.94	0.26
4.95	**455582**	2B46-SDS	5.0	A1	1.00	0.30
5.15	**455583**	2B48-SDS	4.1	A1	1.00	0.30
5.35	**455584**	2B50-SDS	6.0	A1	1.00	0.30
5.55	**455585**	2B52-SDS	7.0	A1	1.00	0.30
5.75	**455586**	2B54-SDS	7.0	A1	1.00	0.30
5.95	**455587**	2B56-SDS	7.0	A1	0.81	0.12
6.15	**455588**	2B58-SDS	7.0	D1	0.69	0.01
6.35	**455589**	2B60-SDS	7.0	D1	0.69	0.01
6.55	**455590**	2B62-SDS	6.3	D1	0.69	0.01
6.75	**455591**	2B64-SDS	8.0	D1	0.69	0.01
6.95	**455592**	2B66-SDS	8.2	D1	0.69	0.01
7.15	**455593**	2B68-SDS	9.0	D1	0.69	0.01
7.35	**455594**	2B70-SK	10.0	C1	0.50	0.39
7.75	**455595**	2B74-SK	11.0	C1	0.50	0.39
8.35	**455596**	2B80-SK	11.0	D2	0.44	0.46
8.95	**455597**	2B86-SK	12.0	D2	0.44	0.46
9.75	**455598**	2B94-SK	12.0	D2	0.44	0.46
11.35	**455599**	2B110-SK	14.0	D2	0.44	0.46
12.75	**455600**	2B124-SK	18.0	D3	0.44	0.46
13.95	**455601**	2B136-SK	19.0	D3	0.38	0.52
15.75	**455602**	2B154-SK	24.0	D3	0.44	0.46
16.35	**455603**	2B160-SK	22.0	D3	0.44	0.46
18.75	**455604**	2B184-SK	29.0	D3	0.31	0.58
20.35	**455605**	2B200-SF	30.0	D3	0.38	0.57
25.35	**455606**	2B250-SF	40.0	D3	0.38	0.57
30.35	**455607**	2B300-SF	50.0	D3	0.38	0.57
38.35	**455608**	2B380-SF	70.0	D3	0.34	0.60

BALDOR · DODGE

A/B QD Sheaves



Drawing illustrates how either A or B belts may be used with combination groove sheaves.

3-Groove — **F = 2.50**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
3.75	**455609**	3B34-SH	4.2	E1	0.38	0.68
3.95	**455610**	3B36-SH	4.7	E1	0.00	0.68
4.15	**455611**	3B38-SH	5.4	E1	0.00	0.68
4.35	**455612**	3B40-SH	4.8	E1	0.00	0.68
4.55	**455613**	3B42-SH	5.4	E1	0.00	0.68
4.75	**455614**	3B44-SH	5.6	E1	0.00	0.68
4.95	**455615**	3B46-SD	8.0	A1	1.06	0.37
5.15	**455616**	3B48-SD	8.5	A1	1.06	0.67
5.35	**455617**	3B50-SD	9.0	A1	1.06	0.67
5.55	**455618**	3B52-SD	9.0	A1	1.06	0.37
5.75	**455619**	3B54-SD	10.0	A1	1.06	0.37
5.95	**455620**	3B56-SD	11.0	A1	1.06	0.37
6.15	**455621**	3B58-SD	9.1	A1	1.06	0.37
6.35	**455622**	3B60-SD	10.0	A1	1.06	0.37
6.55	**455623**	3B62-SD	11.0	A1	1.06	0.37
6.75	**455624**	3B64-SD	11.0	A1	1.06	0.37
6.95	**455625**	3B66-SD	12.0	A1	1.06	0.37
7.15	**455626**	3B68-SD	13.0	A1	1.06	0.37
7.35	**455627**	3B70-SK	13.0	D1	0.75	0.14
7.75	**455628**	3B74-SK	13.0	D1	0.75	0.14
8.35	**455629**	3B80-SK	14.0	D1	0.88	0.02
8.95	**455630**	3B86-SK	13.0	D1	0.88	0.02
9.75	**455631**	3B94-SK	16.0	D2	0.75	0.14
11.35	**455632**	3B110-SK	19.0	D2	0.75	0.14
12.75	**455633**	3B124-SK	24.0	D3	0.75	0.14
13.95	**455634**	3B136-SK	24.0	D3	0.69	0.21
15.75	**455635**	3B154-SK	30.0	D3	0.75	0.14
16.35	**455636**	3B160-SK	27.0	D3	0.75	0.14
18.75	**455637**	3B184-SK	38.0	D3	0.75	0.14
20.35	**455638**	3B200-SF	38.0	D3	0.63	0.32
25.35	**455639**	3B250-SF	51.0	D3	0.63	0.32
30.35	**455640**	3B300-SF	65.0	D3	0.63	0.32
38.35	**455641**	3B380-E	95.0	D3	0.63	0.57

4-Groove — **F = 3.25**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
3.75	**455642**	4B34-SD	5.5	E1	0.47	0.70
3.95	**455643**	4B36-SD	5.8	E1	0.47	0.70
4.15	**455644**	4B38-SD	6.2	E1	0.47	0.70
4.35	**455645**	4B40-SD	6.6	E1	0.00	0.70
4.55	**455646**	4B42-SD	6.9	E1	0.00	0.70
4.75	**455647**	4B44-SD	7.5	E1	0.00	0.70
4.95	**455648**	4B46-SD	7.5	A1	1.50	0.80
5.15	**455649**	4B48-SD	7.3	A1	1.50	0.80
5.35	**455650**	4B50-SD	10.0	A1	1.50	0.80
5.55	**455651**	4B52-SD	11.0	A1	1.50	0.80
5.75	**455652**	4B54-SD	11.0	A1	1.50	0.80
5.95	**455653**	4B56-SD	12.0	A1	1.50	0.80
6.15	**455654**	4B58-SD	11.0	A1	1.50	0.80
6.35	**455655**	4B60-SD	11.0	A1	1.50	0.80
6.55	**455656**	4B62-SD	14.0	A1	1.50	0.80
6.75	**455657**	4B64-SD	14.0	A1	1.50	0.80
6.95	**455658**	4B66-SD	14.0	A1	1.50	0.80
7.15	**455659**	4B68-SD	14.0	A1	1.50	0.80
7.35	**455660**	4B70-SK	14.0	A1	1.00	0.11
7.75	**455661**	4B74-SK	15.0	A1	1.25	0.36
8.35	**455662**	4B80-SK	15.0	A1	1.38	0.48
8.95	**455663**	4B86-SK	17.0	A1	1.50	0.61
9.75	**455664**	4B94-SK	19.0	A2	1.13	0.23
11.35	**455665**	4B110-SK	22.0	A2	1.00	0.11
12.75	**455666**	4B124-SK	29.0	A3	1.00	0.11
13.95	**455667**	4B136-SK	29.0	A3	1.00	0.11
15.75	**455668**	4B154-SF	39.0	A3	1.13	0.18
16.35	**455669**	4B160-SF	34.0	A3	1.00	0.06
18.75	**455670**	4B184-SF	47.0	A3	1.00	0.06
20.35	**455671**	4B200-SF	46.0	A3	1.00	0.06
25.35	**455672**	4B250-E	66.0	D3	1.00	0.20
30.35	**455673**	4B300-E	83.0	D3	0.63	0.57
38.35	**455674**	4B380-E	115.0	D3	1.00	0.20

Δ P.D. for "A" Belts = O.D. – .37
P.D. for "B" Belts = O.D. + .01

‡ **Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.**

SELECTION/DIMENSIONS

BALDOR · DODGE

A/B QD Sheaves

5-Groove — F = 4.00

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
3.75	**455675**	5B34-SD	5.9	E1	0.47	0.70
3.95	**455676**	5B36-SD	6.5	E1	0.47	0.70
4.15	**455677**	5B38-SD	7.2	E1	0.47	0.70
4.35	**455678**	5B40-SD	7.3	E1	0.00	0.70
4.55	**455679**	5B42-SD	8.0	E1	0.00	0.70
4.75	**455680**	5B44-SD	8.8	E1	0.00	0.70
4.95	**455681**	5B46-SD	9.0	A1	1.31	0.62
5.15	**455682**	5B48-SD	8.5	A1	1.31	0.62
5.35	**455683**	5B50-SD	11.0	A1	1.31	0.62
5.55	**455684**	5B52-SD	12.0	A1	1.31	0.62
5.75	**455685**	5B54-SK	12.0	A1	1.31	0.42
5.95	**455686**	5B56-SK	12.0	A1	1.31	0.42
6.15	**455687**	5B58-SK	13.0	A1	1.31	0.42
6.35	**455688**	5B60-SK	14.0	A1	1.31	0.42
6.55	**455689**	5B62-SK	13.0	A1	1.31	0.42
6.75	**455690**	5B64-SK	16.0	A1	1.31	0.42
6.95	**455691**	5B66-SK	15.0	A1	1.31	0.42
7.15	**455692**	5B68-SK	17.0	A1	1.31	0.42
7.35	**455693**	5B70-SF	16.0	A1	1.31	0.37
7.75	**455694**	5B74-SF	20.0	A1	1.31	0.37
8.35	**455695**	5B80-SF	17.0	A1	1.31	0.37
8.95	**455696**	5B86-SF	24.0	A1	1.31	0.37
9.75	**455697**	5B94-SF	24.0	A1	1.31	0.37
11.35	**455698**	5B110-SF	29.0	A2	1.31	0.37
12.75	**455699**	5B124-SF	34.0	A3	1.06	0.12
13.95	**455700**	5B136-SF	33.0	A3	1.31	0.37
15.75	**455701**	5B154-SF	46.0	A3	1.31	0.37
16.35	**455702**	5B160-SF	38.0	A2	1.25	0.31
18.75	**455703**	5B184-SF	55.0	A3	1.31	0.37
20.35	**455704**	5B200-E	58.0	A3	1.25	0.05
25.35	**455705**	5B250-E	76.0	A3	1.25	0.05
30.35	**455706**	5B300-E	97.0	A3	1.25	0.05
38.35	**455707**	5B380-E	135.0	A3	1.25	0.05

6-Groove — F = 4.75

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
3.75	**455708**	6B34-SD	6.7	E1	0.38	0.70
3.95	**455709**	6B36-SD	7.4	E1	0.38	0.70
4.15	**455710**	6B38-SD	8.0	E1	0.38	0.70
4.35	**455711**	6B40-SD	8.4	E1	0.00	0.70
4.55	**455712**	6B42-SD	9.0	E1	0.00	0.70
4.75	**455713**	6B44-SD	10.0	E1	0.00	0.70
4.95	**455714**	6B46-SD	10.0	A1	1.31	0.62
5.15	**455715**	6B48-SD	10.0	A1	1.31	0.62
5.35	**455716**	6B50-SD	12.0	A1	1.31	0.62
5.55	**455717**	6B52-SD	13.0	A1	1.31	0.62
5.75	**455718**	6B54-SK	13.0	A1	1.31	0.42
5.95	**455719**	6B56-SK	14.0	A1	1.31	0.42
6.15	**455720**	6B58-SK	12.0	A1	1.31	0.42
6.35	**455721**	6B60-SK	15.0	A1	1.31	0.42
6.55	**455722**	6B62-SK	15.0	A1	1.31	0.42
6.75	**455723**	6B64-SK	17.0	A1	1.31	0.42
6.95	**455724**	6B66-SK	17.0	A1	1.31	0.42
7.15	**455725**	6B68-SK	19.0	A1	1.31	0.42
7.35	**455726**	6B70-SF	18.0	A1	1.69	0.75
7.75	**455727**	6B74-SF	22.0	A1	1.69	0.75
8.35	**455728**	6B80-SF	23.0	A1	1.69	0.75
8.95	**455729**	6B86-SF	26.0	A1	1.69	0.75
9.75	**455730**	6B94-SF	27.0	A1	1.69	0.75
11.35	**455731**	6B110-SF	32.0	A2	1.69	0.75
12.75	**455732**	6B124-SF	39.0	A3	1.50	0.56
13.95	**455733**	6B136-SF	38.0	A3	1.69	0.75
15.75	**455734**	6B154-SF	50.0	A2	1.81	0.87
16.35	**455735**	6B160-SF	44.0	A2	1.81	0.87
18.75	**455736**	6B184-SF	62.0	A3	1.75	0.81
20.35	**455737**	6B200-E	65.0	A3	1.38	0.18
25.35	**455738**	6B250-E	87.0	A3	1.38	0.18
30.35	**455739**	6B300-E	111.0	A3	1.38	0.18
38.35	**455740**	6B380-E	155.0	A3	1.38	0.18

8-Groove — F = 6.25

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
5.8	**455741**	8B54-SK	15.0	A1	1.88	0.98
6.0	**455742**	8B56-SK	16.0	A1	1.88	0.98
6.4	**455743**	8B60-SF	21.0	A1	1.81	0.87
6.8	**455744**	8B64-SF	23.0	A1	1.81	0.87
7.2	**455745**	8B68-SF	25.0	A1	1.25	0.31
7.8	**455746**	8B74-SF	28.0	A1	1.25	1.18
9.0	**455747**	8B86-E	40.0	A1	2.38	1.18
9.8	**455748**	8B94-E	43.0	A1	2.38	1.18
11.4	**455749**	8B110-E	49.0	A1	2.38	1.18
12.8	**455750**	8B124-E	56.0	A2	2.38	1.18
15.8	**455751**	8B154-E	69.0	A2	2.38	1.18
18.8	**455752**	8B184-F	91.0	D3	1.31	0.11
20.4	**455753**	8B200-F	84.0	D3	1.31	0.11
25.4	**455754**	8B250-F	111.0	D3	1.31	0.11
30.4	**455755**	8B300-F	142.0	D3	1.31	0.11
38.4	**455756**	8B380-F	200.0	D3	1.31	0.11

10-Groove — F = 7.75

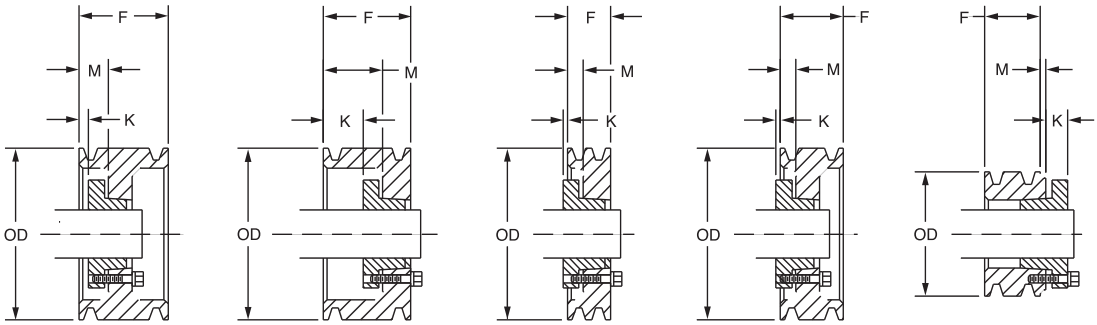
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
5.8	**455757**	10B54-SK	18.0	A1	3.25	2.36
6.0	**455758**	10B56-SK	19.0	A1	3.50	2.61
6.4	**455759**	10B60-SF	24.0	A1	3.25	2.31
6.8	**455760**	10B64-SF	26.0	A1	3.50	2.56
7.2	**455761**	10B68-SF	28.0	A1	3.00	2.06
7.8	**455762**	10B74-SF	32.0	A1	2.56	1.62
9.0	**455763**	10B86-E	47.0	A1	3.13	1.93
9.8	**455764**	10B94-E	48.0	A1	3.13	1.93
11.4	**455765**	10B110-E	56.0	A1	3.13	1.93
12.8	**455766**	10B124-F	64.0	A1	3.13	1.70
15.8	**455767**	10B154-F	88.0	A2	2.06	0.64
18.8	**455768**	10B184-F	103.0	A3	2.06	0.64
20.4	**455769**	10B200-F	99.0	A3	2.06	0.64
25.4	**455770**	10B250-F	132.0	A3	2.06	0.64
30.4	**455771**	10B300-F	169.0	A3	2.06	0.64
38.4	**455772**	10B380-J	257.0	D3	1.44	0.16

Δ P.D. for "A" Belts = O.D. – .37
P.D. for "B" Belts = O.D. + .01

‡ **Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.**

BALDOR · DODGE

C QD Sheaves



1-Groove — **F = 1.38**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
7.4	**455773**	1C70-SF	9.0	C1	0.13	0.82
7.9	**455774**	1C75-SF	11.0	C1	0.13	0.82
8.4	**455775**	1C80-SF	11.0	C1	0.13	0.82
8.9	**455776**	1C85-SF	12.0	C1	0.13	0.82
9.4	**455777**	1C90-SF	12.0	C1	0.13	0.82
9.9	**455778**	1C95-SF	13.0	C1	0.13	0.82
10.4	**455779**	1C100-SF	14.0	C2	0.13	0.82
10.9	**455780**	1C105-SF	14.0	C2	0.13	0.82
11.4	**455781**	1C110-SF	16.0	C2	0.13	0.82
12.4	**455782**	1C120-SF	17.0	C2	0.13	0.82
13.4	**455783**	1C130-SF	19.0	C3	0.13	0.82
14.4	**455784**	1C140-SF	21.0	C3	0.13	0.82
16.4	**455785**	1C160-SF	24.0	C3	0.13	0.82
18.4	**455786**	1C180-SF	27.0	C3	0.13	0.82
20.4	**455787**	1C200-SF	31.0	C3	0.13	0.82
24.4	**455788**	1C240-SF	38.0	C3	0.13	0.82

2-Groove — **F = 2.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
7.4	**455789**	2C7.0-SF	18.0	D1	0.81	0.13
7.9	**455790**	2C75-SF	20.0	D1	0.81	0.13
8.4	**455791**	2C80-SF	19.0	D1	0.81	0.13
8.9	**455792**	2C85-SF	20.0	D1	0.81	0.13
9.4	**455793**	2C90-SF	21.0	D1	0.81	0.13
9.9	**455794**	2C95-SF	22.0	D1	0.81	0.13
10.4	**455795**	2C100-SF	23.0	D2	0.81	0.13
10.9	**455796**	2C105-SF	23.0	D2	0.81	0.13
11.4	**455797**	2C110-SF	25.0	D2	0.81	0.13
12.4	**455798**	2C120-SF	27.0	D2	0.56	0.38
13.4	**455799**	2C130-SF	29.0	D3	0.56	0.68
14.4	**455800**	2C140-SF	34.0	D3	0.56	0.38
16.4	**455801**	2C160-SF	39.0	D3	0.63	0.32
18.4	**455802**	2C180-SF	39.0	D2	0.63	0.32
20.4	**455803**	2C200-SF	43.0	D3	0.56	0.38
24.4	**455804**	2C240-SF	55.0	D3	0.56	0.38
27.4	**456012**	2C270-F	72.0	C3	0.56	0.86
30.4	**456805**	2C30.0-F	82.0	C3	0.56	0.86

3-Groove — **F = 3.38**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
5.4	**455806**	+3C50-SD	9.0	A1	1.31	0.62
5.9	**455807**	+3C56-SD	10.0	A1	1.31	0.62
6.4	**455808**	+3C60-SF	10.0	A1	1.31	0.37
7.4	**455809**	3C70-SF	20.0	A1	1.13	0.18
7.9	**455810**	3C75-SF	23.0	A1	1.31	0.37
8.4	**455811**	3C80-E	33.0	B1	1.75	0.55
8.9	**455812**	3C85-E	35.0	B1	1.75	0.55
9.4	**455813**	3C90-E	36.0	B1	1.75	0.55
9.9	**455814**	3C95-E	37.0	B1	1.75	0.55
10.4	**455815**	3C100-E	39.0	B1	1.75	0.55
10.9	**455816**	3C105-E	39.0	B1	1.75	0.55
11.4	**455817**	3C110-E	40.0	B1	1.75	0.55
12.4	**455818**	3C120-E	43.0	B2	1.75	0.55
13.4	**455819**	3C130-E	45.0	B3	1.75	0.55
14.4	**455820**	3C140-E	51.0	B3	1.75	0.55
16.4	**455821**	3C160-E	59.0	A3	1.31	0.12
18.4	**455822**	3C180-E	55.0	D3	0.81	0.38
20.4	**455823**	3C200-E	60.0	D3	1.00	0.20
24.4	**455824**	3C240-E	75.0	D3	1.00	0.20
27.4	**456013**	3C270-F	91.0	D3	0.81	0.61
30.4	**455825**	3C360-F	104.0	D3	0.81	0.61
36.4	**455826**	3C440-F	133.0	D3	0.81	0.61
44.4	**455827**	3C500-F	176.0	D3	0.81	0.61
50.4	**455828**	3C50.0-F	211.0	D3	0.81	0.61

4-Groove — **F = 4.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
5.4	**455829**	+4C50-SD	11.0	A1	1.56	0.87
5.9	**455830**	+4C56-SD	12.0	A1	1.56	0.87
6.4	**455831**	+4C60-SF	11.0	A1	1.56	0.62
7.4	**455832**	4C70-SF	23.0	A1	1.56	0.62
7.9	**455833**	4C75-SF	25.0	A1	1.50	0.56
8.4	**455834**	4C80-E	36.0	A1	2.00	0.80
8.9	**455835**	4C85-E	39.0	A1	2.00	0.80
9.4	**455836**	4C90-E	39.0	A1	2.13	0.93
9.9	**455837**	4C95-E	41.0	A1	2.00	0.80
10.4	**455838**	4C100-E	43.0	A1	2.13	0.93
10.9	**455839**	4C105-E	44.0	A1	2.13	0.93
11.4	**455840**	4C110-E	46.0	A1	2.13	0.93
12.4	**455841**	4C120-E	50.0	A2	2.13	0.93
13.4	**455842**	4C130-E	53.0	A3	2.00	0.80
14.4	**455843**	4C140-E	59.0	A2	1.81	0.62
16.4	**455844**	4C160-E	69.0	A3	1.94	0.74
18.4	**455845**	4C180-E	66.0	A3	1.88	0.68
20.4	**455846**	4C200-E	72.0	A3	1.50	0.30
24.4	**455847**	4C240-F	95.0	D3	1.31	0.11
27.4	**456014**	4C270-F	110.0	D3	1.31	0.11
30.4	**455848**	4C360-F	126.0	D3	1.31	0.11
36.4	**455849**	4C440-J	162.0	D3	1.31	0.11
44.4	**455850**	4C500-J	236.0	D3	1.19	0.41
50.4	**455851**	4C50.0-J	279.0	D3	1.56	0.04

Δ Pitch Diameter = O.D.

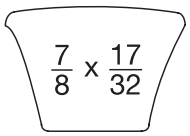
‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

+ Recommended CX Belt only

SELECTION/DIMENSIONS

BALDOR · DODGE

C QD Sheaves



5-Groove — **F = 5.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
6.4	**455852**	5C60-SF+	13.0	A1	1.94	1.00
7.4	**455853**	5C70-SF	26.0	A1	1.25	0.31
7.9	**455854**	5C75-SF	28.0	A1	1.88	0.93
8.4	**455855**	5C80-E	39.0	A1	1.50	0.30
8.9	**455856**	5C85-E	42.0	A1	1.63	0.43
9.4	**455857**	5C90-E	43.0	A1	1.63	0.43
9.9	**455858**	5C95-E	45.0	A1	1.50	0.30
10.4	**455859**	5C100-E	48.0	A1	1.50	0.30
10.9	**455860**	5C105-E	50.0	A1	1.50	0.30
11.4	**455861**	5C110-E	52.0	A1	2.25	1.05
12.4	**455862**	5C120-E	57.0	A1	2.22	1.02
13.4	**455863**	5C130-E	61.0	A2	2.00	0.80
14.4	**455864**	5C140-E	69.0	A2	2.00	0.80
16.4	**455865**	5C160-E	79.0	A3	2.00	0.80
18.4	**455866**	5C180-E	74.0	A3	2.38	1.18
20.4	**455867**	5C200-F	88.0	D3	1.31	0.11
24.4	**455868**	5C240-F	110.0	D3	1.31	0.11
27.4	**456083**	5C270-F	128.0	D3	1.31	0.11
30.4	**455869**	5C360-J	148.0	D3	1.31	0.11
36.4	**455870**	5C440-J	212.0	D3	1.31	0.29
44.4	**455871**	5C50.0-J	274.0	D3	1.31	0.29
50.0	**455872**	5C50.0-J	325.0	D3	1.56	0.04

8-Groove — **F = 8.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
7.4	**455894**	8C70-SF	32.0	A1	4.00	3.06
8.4	**455895**	8C80-E	49.0	A1	3.25	2.05
8.9	**455896**	8C85-E	53.0	A1	3.25	2.05
9.4	**455897**	8C9.0-F	68.0	A1	2.50	1.08
9.9	**455898**	8C95-F	74.0	A1	2.50	1.08
10.4	**455899**	8C100-F	73.0	A1	2.50	1.08
10.9	**455900**	8C105-F	74.0	A1	2.50	1.08
11.4	**455901**	8C110-F	78.0	A1	3.38	1.95
12.4	**455902**	8C120-F	86.0	A1	3.38	1.95
13.4	**455903**	8C130-F	93.0	A1	3.38	1.95
14.4	**455904**	8C140-F	102.0	A1	3.38	1.95
16.4	**455905**	8C160-F	116.0	A3	3.38	1.95
18.4	**455906**	8C180-F	133.0	A3	3.63	2.20
20.4	**455907**	8C200-J	147.0	D3	1.56	0.04
24.4	**455908**	8C240-J	179.0	D3	1.56	0.04
27.4	**456085**	8C270-J	205.0	D3	1.56	0.04
30.4	**455909**	8C360-M	233.0	D3	1.56	0.04
36.4	**455910**	8C440-M	339.0	A3	1.94	0.20
44.4	**455911**	8C500-M	428.0	A3	1.94	0.20
50.4	**455912**	8C50.0-M	502.0	A3	1.94	0.20

12-Groove — **F = 12.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
9.4	**455930**	12C90-J	92.0	A1	4.06	2.46
9.9	**455931**	12C95-J	100.0	A1	4.06	2.46
10.4	**455932**	12C100-J	108.0	A1	4.06	2.46
10.9	**455933**	12C105-J	115.0	A1	4.06	2.46
11.4	**455934**	12C110-J	125.0	A1	4.06	2.46
12.4	**455935**	12C120-J	127.0	A1	4.06	2.46
13.4	**455936**	12C130-J	135.0	A1	4.06	2.46
14.4	**455937**	12C140-J	145.0	A1	4.06	2.46
16.4	**455938**	12C160-J	165.0	A2	4.06	2.46
18.4	**455939**	12C180-J	198.0	A3	4.06	2.46
20.4	**455940**	12C200-M	277.0	A3	1.94	0.20
24.4	**455941**	12C240-M	287.0	A3	1.94	0.20
30.4	**455942**	12C300-M	362.0	A3	1.94	0.20
36.4	**455943**	12C360-M	446.0	A3	1.94	0.20
44.4	**455944**	12C440-M	572.0	A3	1.94	0.20
50.4	**455945**	12C500-M	676.0	A3	1.94	0.20

6-Groove — **F = 6.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
6.4	**455873**	+6C60-SF	15.0	A1	1.94	1.00
7.4	**455874**	6C70-SF	29.0	A1	1.94	1.00
7.9	**455875**	6C75-SF	31.0	A1	1.94	1.18
8.4	**455876**	6C80-E	42.0	A1	2.38	1.18
8.9	**455877**	6C85-E	46.0	A1	2.38	1.02
9.4	**455878**	6C90-F	60.0	A1	2.44	1.02
9.9	**455879**	6C95-F	66.0	A1	2.44	1.02
10.4	**455880**	6C100-F	64.0	A1	2.44	1.02
10.9	**455881**	6C105-F	65.0	A1	2.44	1.02
11.4	**455882**	6C110-F	68.0	A1	2.44	1.02
12.4	**455883**	6C120-F	73.0	A1	2.44	1.02
13.4	**455884**	6C130-F	76.0	A2	2.50	1.08
14.4	**455885**	6C140-F	85.0	A2	2.44	1.02
16.4	**455886**	6C160-F	96.0	A3	2.44	1.02
18.4	**455887**	6C180-F	90.0	A3	2.63	1.20
20.4	**455888**	6C200-F	100.0	A3	1.94	0.52
24.4	**455889**	6C240-F	126.0	A3	1.94	0.52
27.4	**456084**	6C270-J	169.0	D3	0.56	0.04
30.4	**455890**	6C360-J	191.0	D3	1.56	0.04
36.4	**455891**	6C440-J	239.0	D3	1.56	0.04
44.4	**455892**	6C500-M	310.0	D3	1.56	0.04
50.4	**455893**	6C50.0-J	415.0	B3	1.94	0.34

10-Groove — **F = 10.37**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
8.4	**455913**	10C8.0-E	76.0	A1	3.25	2.05
8.9	**455914**	10C85-E	80.0	A1	3.25	2.05
9.4	**455915**	10C90-J	84.0	A1	3.56	1.96
9.9	**455916**	10C95-J	91.0	A1	3.56	1.96
10.4	**455917**	10C100-J	99.0	A1	3.56	1.96
10.9	**455918**	10C105-J	106.0	A1	3.56	1.96
11.4	**455919**	10C110-J	115.0	A1	3.56	1.96
12.4	**455920**	10C120-J	114.0	A1	3.56	1.96
13.4	**456061**	10C13.0-J	119.0	A1	3.56	1.96
14.4	**455921**	10C160-J	128.0	A1	3.63	2.02
16.4	**455922**	10C180-J	147.0	A1	3.56	1.96
18.4	**455923**	10C200-J	156.0	A3	3.56	1.96
20.4	**455924**	10C240-M	171.0	A3	3.56	1.96
24.4	**455925**	10C300-M	257.0	A3	1.94	0.20
30.4	**455926**	10C360-M	321.0	A3	1.94	0.20
36.4	**455927**	10C440-M	393.0	A3	1.94	0.20
44.4	**455928**	10C500-M	500.0	A3	1.94	0.20
50.4	**455929**	10C50.0-M	589.0	A3	1.94	0.20

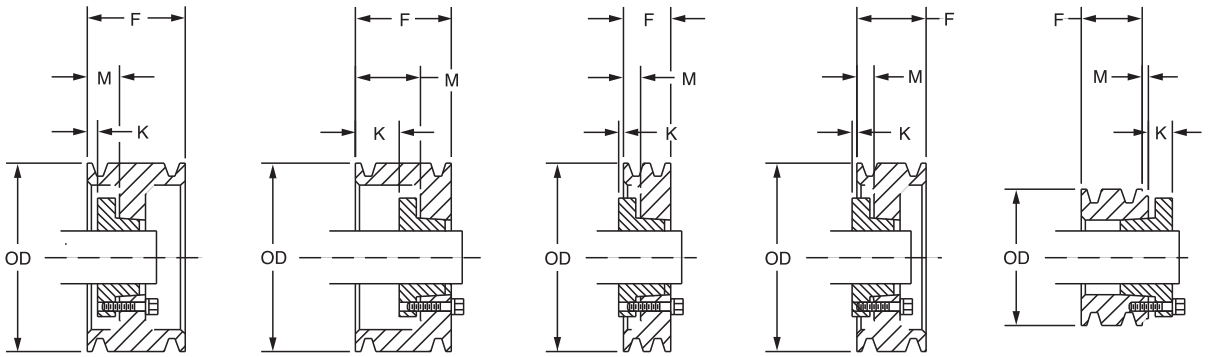
Δ Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

+ Recommended CX belt only

BALDOR · DODGE

D QD Sheaves



3-Groove — **F = 4.62**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**455946**	3D120-F	83.0	A1	1.50	0.08
13.6	**455947**	3D130-F	88.0	A1	1.50	0.08
14.1	**455948**	3D135-F	88.0	A1	1.50	0.08
14.6	**455949**	3D140-F	111.0	A1	1.50	0.08
15.1	**455950**	3D145-F	111.0	A1	1.50	0.08
15.6	**455951**	3D150-F	105.0	A2	1.50	0.08
16.1	**455952**	3D155-F	105.0	A2	1.50	0.08
16.6	**455953**	3D160-F	150.0	A2	1.50	0.08
18.6	**455954**	3D180-J	146.0	D2	1.19	0.41
20.6	**455955**	3D220-J	117.0	D2	1.19	0.41
22.6	**455956**	3D220-J	128.0	D2	1.19	0.41
27.6	**455957**	3D270-J	129.0	D3	1.19	0.41
33.6	**455958**	3D330-J	200.0	D3	1.19	0.41

4-Groove — **F = 6.06**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**455960**	4D120-F	85.0	A1	2.31	0.89
13.6	**455961**	4D130-F	76.0	A1	2.31	0.89
14.1	**455962**	4D135-F	107.0	A1	2.31	0.89
14.6	**455983**	4D140-F	106.0	A2	2.31	0.89
15.1	**455964**	4D145-F	106.0	A2	2.31	0.89
15.6	**455965**	4D150-F	110.0	A2	2.31	0.89
16.1	**455966**	4D155-F	110.0	A2	2.31	0.89
16.6	**455967**	4D160-F	150.0	A2	2.31	0.89
18.6	**455968**	4D180-J	146.0	D2	1.56	0.04
20.6	**455969**	4D200-J	137.0	D2	1.56	0.04
22.6	**455970**	4D220-J	151.0	D2	1.56	0.04
27.6	**455971**	4D270-J	190.0	D3	1.56	0.04
33.6	**455972**	4D330-M	288.0	C3	1.06	0.68
40.6	**455973**	4D400-M	354.0	C3	1.06	0.68
48.6	**455974**	4D480-M	439.0	C3	1.06	0.68

5-Groove — **F = 7.50**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**455976**	5D120-F	98.0	A1	3.06	1.64
13.6	**455977**	5D130-F	114.0	A1	3.06	1.64
14.1	**455978**	5D135-F	134.0	A1	3.06	1.64
14.6	**455979**	5D140-F	140.0	A1	3.06	1.64
15.1	**455980**	5D145-F	140.0	A1	3.06	1.64
15.6	**455981**	5D150-F	146.0	A2	3.06	1.64
16.1	**455982**	5D155-F	146.0	A2	3.06	1.64
16.6	**455983**	5D160-F	143.0	A2	3.06	1.64
18.6	**455984**	5D180-J	164.0	D2	1.56	0.04
20.6	**455985**	5D200-J	157.0	D2	0.69	0.91
22.6	**455986**	5D220-J	174.0	D3	1.56	0.04
27.6	**455987**	5D270-M	268.0	A3	1.94	0.20
33.6	**455988**	5D330-M	329.0	A3	1.94	0.20
40.6	**455989**	5D400-M	408.0	A3	1.94	0.20
48.6	**455990**	5D480-M	510.0	A3	1.94	0.20

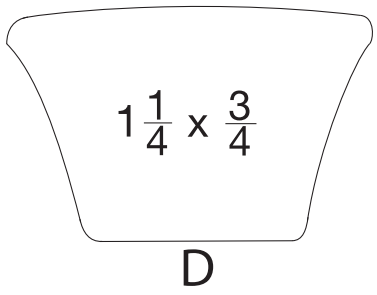
6-Groove — **F = 8.93**

O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**455992**	6D120-J	126.0	A1	3.31	1.71
13.6	**455993**	6D130-J	140.0	A1	3.31	1.71
14.1	**455994**	6D135-J	140.0	A1	3.31	1.71
14.6	**455995**	6D140-J	159.0	A1	3.31	1.71
15.1	**455996**	6D145-J	162.0	A1	3.31	1.71
15.6	**455997**	6D150-J	162.0	A2	3.31	1.71
16.1	**455998**	6D155-J	162.0	A2	3.31	1.71
16.6	**456000**	6D160-J	199.0	A1	3.88	2.27
18.6	**456001**	6D180-J	223.0	A2	3.88	2.27
20.6	**456002**	6D200-J	178.0	A2	3.88	2.27
22.6	**456003**	6D220-M	246.0	A2	3.16	1.42
27.6	**456004**	6D270-M	298.0	A3	1.94	0.20
33.6	**456005**	6D330-M	369.0	A3	1.94	0.20
40.6	**456006**	6D400-M	462.0	A3	1.94	0.20
48.6	**456007**	6D480-M	581.0	A3	1.94	0.20
58.6	**456008**	6D580-N	764.0	D3	1.34	0.71

Δ Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

D QD Sheaves



8-Groove						F = 11.81
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**456009**	8D120-J	151.0	A1	3.56	1.96
13.6	**456010**	8D130-J	168.0	A1	3.56	1.96
14.1	**456011**	8D135-J	168.0	A1	3.56	1.96
14.6	**456015**	8D140-J	181.0	A1	3.56	1.96
15.1	**456016**	8D145-J	181.0	A1	3.56	1.96
15.6	**456017**	8D150-J	216.0	A1	3.56	1.96
16.1	**456018**	8D155-J	216.0	A1	3.56	1.96
16.6	**456019**	8D160-J	237.0	A1	3.56	1.96
18.6	**456020**	8D180-M	249.0	A2	4.19	2.45
20.6	**456021**	8D200-M	299.0	A2	4.38	2.64
22.6	**456022**	8D220-M	292.0	A2	2.34	0.60
27.6	**456023**	8D270-M	360.0	A3	2.19	0.45
33.6	**456024**	8D330-M	451.0	A3	1.94	0.20
40.6	**456025**	8D400-N	588.0	A3	2.25	0.20
48.6	**456026**	8D480-N	739.0	A3	2.25	0.20
58.6	**456027**	8D580-N	950.0	D3	2.78	0.73

10-Groove						F = 14.68
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**456028**	10D120-M	153.0	A1	3.94	2.20
13.6	**456029**	10D130-M	180.0	A1	3.81	2.07
14.1	**456030**	10D135-M	186.0	A1	3.94	2.20
14.6	**456031**	10D140-M	221.0	A1	3.81	2.07
15.1	**456032**	10D145-M	221.0	A1	3.81	2.07
15.6	**456033**	10D150-M	247.0	A1	3.94	2.20
16.1	**456034**	10D155-M	270.0	A1	3.94	2.20
16.6	**456035**	10D160-M	267.0	A1	1.88	0.14
18.6	**456036**	10D180-M	274.0	A1	3.88	2.14
20.6	**456037**	10D200-M	341.0	A2	3.50	1.76
22.6	**456038**	10D220-M	339.0	A2	2.94	1.20
27.6	**456039**	10D270-M	422.0	A3	2.94	1.20
33.6	**456040**	10D330-N	552.0	A3	3.25	1.20
40.6	**456041**	10D400-N	696.0	A3	3.38	1.33
48.6	**456042**	10D480-P	926.0	A3	2.63	0.32
58.6	**456043**	10D580-P	1179.0	D3	3.72	1.42

Δ Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

WARNING: The sheaves listed in this catalog must not be used with the high modulus belts unless approved by factory. Do not use with belt speeds exceeding 6500 FPM. May cause sheaves to fragment resulting in personal injury or property damage.

12-Groove						F = 17.56
O.D. Δ	Part No.	Description Maska Part #–Bushing Size	Wt.	Type ‡	M	K
12.6	**456044**	12D12.0-M	180.0	A-1	7.31	4.94
12.6	**456045**	12D13.0-M	230.0	A-1	7.31	4.94
14.6	**456047**	12D14.0-M	256.0	A-1	7.31	4.94
15.1	**456048**	12D14.5-M	270.0	A-1	7.31	4.94
15.6	**456049**	12D15.0-M	285.0	A-1	7.31	4.94
16.1	**456050**	12D15.5-M	285.0	A-1	7.31	4.94
16.6	**456051**	12D16.0-M	300.0	A-2	7.31	4.94
18.6	**456052**	12D18.0-M	320.0	A-2	7.31	4.94
22.6	**456054**	12D22.0-M	376.0	A-3	8.31	3.94
27.6	**456055**	12D27.0-N	500.0	A-3	6.94	4.25
33.6	**456056**	12D33.0-N	662.0	A-3	6.94	4.25
40.6	**456057**	12D400-P	850.0	A-3	7.56	2.63
48.6	**456059**	12D480-P	1100.0	A-3	7.56	2.63
58.6	**456060**	12D58.0-P	1158.0	A-3	7.56	2.63

Pitch Diameter = O.D.

‡ Type 1 = Block Type, 2 = Web, 3 = Arm – See page 64.

Custom-Made Sheaves & Sprockets

V-Belt Sheaves & Synchronous Sprockets

Standard stock products offer the best value for most power transmission operations. But, for requirements that cannot be served with stock products, Baldor manufactures custom-made sheaves and synchronous belt sprockets.

SYNCHRONOUS SPROCKETS

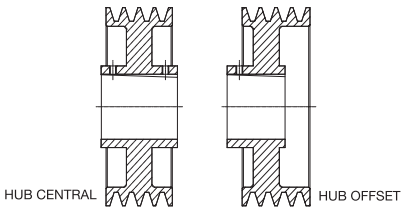
V-BELT SHEAVES

Custom Construction Options

- Non-stock pitch diameter
- Non-stock number of teeth
- Alternate hub location
- Special material: ductile, steel, aluminum, stainless steel etc.
- Alternate bushing or bore configuration for mounting product onto shaft
- Other non-standard requirements

Hub Locations

- Hub central
- Typical for larger diameter products
- Hub offset
- This location is preferred for wider face widths. It is positioned to accommodate the shaft and provides centralized sheave support
- Hub projection
- Required for access to setscrews on smaller bored-to-size products
- Special coating and plating



Materials

Stock sheaves, as well as synchronous sprockets, are manufactured typically from high quality gray iron. Frequently specified alternate materials are shown below.

ALTERNATE MATERIALS

Material	Grade	Max. Rim Speed (FPM)
Gray Iron	–	6,500
Ductile	65-45-12	8,000
Iron	80-55-06	10,000
Steel	–	10,000

Dynamic (two-plane) balance normally required for rim speeds above 6,500 feet per minute (FPM).

Drives that exceed 8,000 FPM should be reviewed by Baldor engineering.

Mounting Styles

Bored-to-size

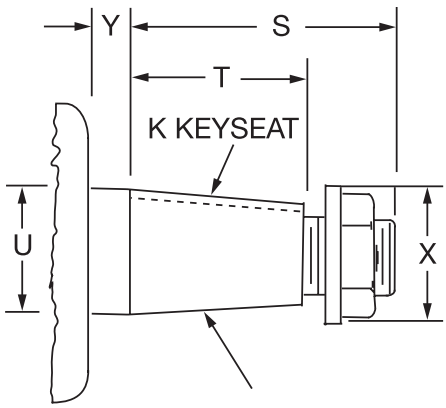
Required when rim diameter cannot accommodate the bushing that is required for the bore size. One keyseat, as well as one or two setscrews are usually specified.

Taper bushed

Specify Taper-Lock® or QD bushing for required bore size. Verify that hub diameter accommodates bushing. Taper bushed mounting is preferred because this mounting compensates for variations in shaft diameter; provides tight, secure fit; and removes easily for servicing.

Taper bore

For use on taper shafts (sketch below). If hub is not central with face, specify which hub end takes large end of bore. Hub at small end will extend 1/8, beyond the “T” dimension. Keyways are standard size, as well as parallel with the taper, unless specified otherwise.



Oil Field Sheaves

Baldor offers custom oilfield 8V sheaves, for driver and driven applications.

Whether you need sheaves from 8 to 16 grooves or sheaves with diameter ranging from 17 in. to 63 in. with offset, Baldor will supply it to you...when you need it.

Note: All oilfield sheaves from Baldor are custom parts. Custom sheaves are generally available in 3-4 weeks.

752 Motor Sheaves (DRIVEr)

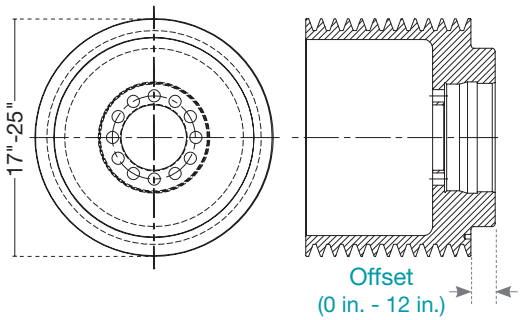
Oilfield machinery, such as mud pumps, have GE 752 traction motors with higher tolerances that require a special hub pulley for a shrink-fitted mounting onto the shaft. The matched driven pulley, as well, generally has to be mounted onto larger shafts.

To meet this demand, Baldor has added several GE 752 Series sheaves hub pulleys to our line.

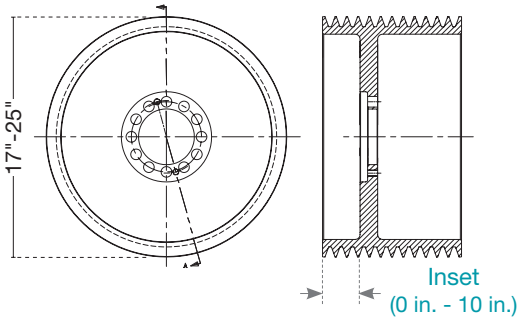
Baldor offers you a complete line of 8V sheaves to fit with GE752, AMA 422 and any other traction motors for the oilfield industry.

Sheave diameter ranges from 17 in. to 25 in. and are made from gray cast iron or ductile cast iron. Depending on the required motor speed, sheaves may be dynamically balanced.

752 OR GEB29
8 TO 16 GROOVES SHEAVES
(OFFSET STYLE)



C752 OR D752
8 TO 16 GROOVES SHEAVES
(INSET STYLE)



Diameter offered : 17 in. - 25 in.
Hub fits with:

- 752 (equivalent to: GEB22A and GE752)
- GEB29 (equivalent to: GEB22D, GEB28A and GEB29A)
- AMA 422

Baldor can also design and manufacture sheaves outside these dimensions, please contact us for more information.

Oil Field Sheaves - Mud Pump Sheaves (DRIVEn)

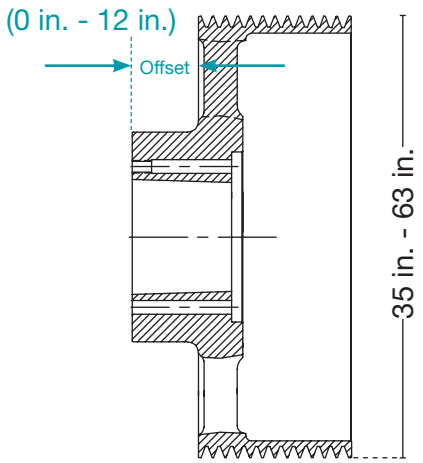
Complete Line of Sheaves for Mud Pumps

Baldor offers mud pump ***8V sheaves*** ranging from 35 in. to 63 in. O.D. made in gray cast iron or ductile cast iron, depending on the RPM of the application.

Offset Requirement

Offset on the driven sheave is an important point to consider when ordering, as this dimension provides a fit alignment with the driver sheave located on the motor.

Remember when ordering a mud pump sheave to measure the offset required. Use this drawing as a guide. The offset is not a standard dimension and it is different on every sheave.



# of Grooves (8V Sheaves)	O.D. Range	Hub
8	35.0 - 53.0	W, S
10	35.0 - 53.0	W, S
12	35.0 - 53.0	W, S
14	35.0 - 63.0	W, S
16	35.0 - 63.0	W, S

Information Needed (RFQ)

In order to serve you rapidly, we need from you the following information.

- ☐ Outside diameter (O.D.)
- ☐ Number of grooves
- ☐ RPM of motor (or RPM of mud pump sheave)
- ☐ Offset on mud pump
- ☐ Hub type

Bushings

Mud pump sheaves are used with S and W bushings (up to 10 in. bore size). All those bushings are part of Baldor standard product line.

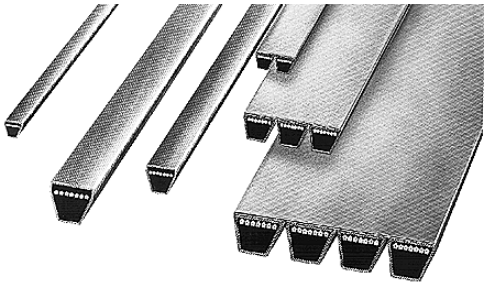
FEATURES/BENEFITS

BALDOR · DODGE®

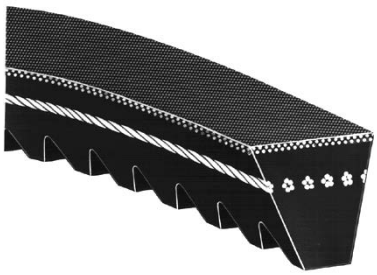
V-Belts

V-drives have been the mainstay of industrial power transmission for over 60 years. During this time, Dodge has been a major influence, designing and developing innovative concepts in V-belt sheaves and supplying the highest quality belts.

Today's V-drives offer quiet, efficient mechanical power transmission. They provide many thousands of hours of performance, even under conditions of shock load and normal drive misalignment. All of these benefits come at an economic value that is unsurpassed.



D-V WEDGE BELTS
3VX-5VX-8V

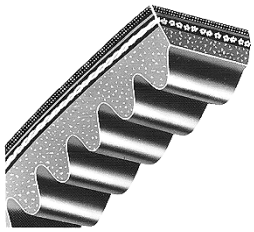


- Oil resistant and static conducting
- Permits compact, lighter weight drives flexibility
- High-strength tension member delivers maximum power with minimum stretch
- Built for long-term dimensional stability

S-L CLASSIC V-BELTS
A-B-C-D-E

- Molded cog construction under 200 inch belt length is reduced
- Cable cord envelope construction
- Cool running and flexible
- Strong tensile cords minimize stretch
- Static conducting and heat and oil resistant
- More tolerant of shock loads

CLASSIC COG V-BELTS
AX-BX-CX-DX

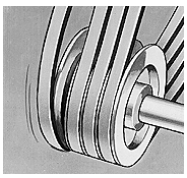


Deliver more horsepower and last longer than conventional belts...

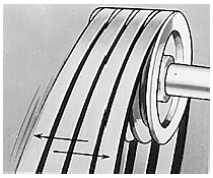
- Fully notched cogs for maximum
- High coefficient rubber edge
- Oil resistant and static conducting
- Proven energy-saving design
- Outlasts conventional belts
- Fewer belts required - drive weight

POLYBAND CLASSIC
POLYBAND WEDGE
V-BELTS

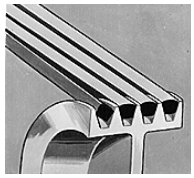
Polyband banded V-belts are engineered to handle those problem drives where vibration, sudden shock loads or misalignment causes belts to turn over, whip or jump off sheave. Two or more belts are inseparable joined together as one single unit. Polyband belts may be used without changing sheaves or altering the drive.



NO JUMP OFF

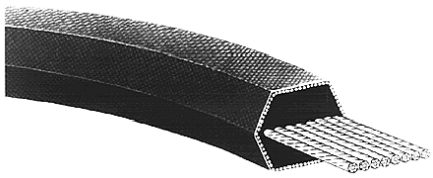


NO WHIP



NO TURN OVER

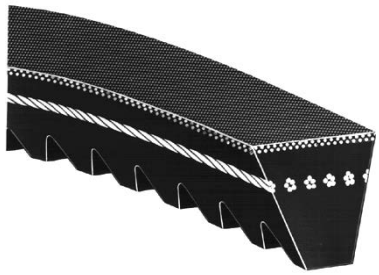
DOUBLE-V
SEALED-LIFE (HEX)



For Serpentine Drives

- Transmits power from both sides of belt
- Standard AA, BB, CC cross sections
- Runs in standard classical sheaves
- Oil resistant and static conducting

D-V Wedge Narrow Belts

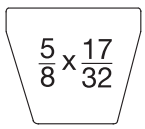


RAW-EDGE MOLDED COG CONSTRUCTION

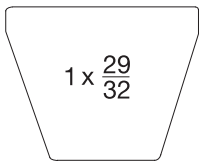
WRAPPED CONSTRUCTION

- Oil resistant and static conducting
- Permits compact, lighter weight drives
- Hi-strength tension member delivers maximum power with minimum stretch
- Built for long-term dimensional stability.
- Matched to MPTA/RMA standards. No additional matching or matching codes required.

3V
3VX



5V
5VX



8V
8VX

3VX				5VX, 5V								8VX, 8V			
Belt No.	Part No.	Wt.	Lgth. Δ	Belt No.	Part No.	Wt.	Lgth. Δ	Belt No.	Part No.	Wt.	Lgth. Δ	Belt No.	Part No.	Wt.	Lgth. Δ
3VX250	**107150**	0.11	25	5VX450	–	0.51	45	5VX900	**107180**	1.04	90	8VX1000	**107200**	2.97	100
3VX265	**107220**	0.11	27	5VX470	–	0.54	47	5VX930	–	1.07	93	8VX1060	**107219**	3.50	106
3VX280	**107151**	0.12	28	5VX490	–	0.56	49	5VX950	**107195**	1.10	95	8VX1120	**107201**	3.35	112
3VX300	**107229**	0.12	30	5VX500	**107175**	0.57	50	5VX960	–	1.11	96	8VX1180	**107240**	3.65	118
3VX315	**107152**	0.14	31.5	5VX510	–	0.59	51	5VX1000	**107181**	1.16	100	8VX1250	**107202**	3.98	125
3VX335	**107230**	0.14	33.5	5VX530	**107233**	0.61	53	5VX1030	–	1.18	103	8VX1320	**107241**	4.05	132
3VX355	**107153**	0.16	35.5	5VX540	–	0.63	54	5VX1060	**107196**	1.23	106	8VX1400	**107203**	4.16	140
3VX375	**107166**	0.16	37.5	5VX550	–	0.63	55	5VX1080	–	1.24	108	8VX1500	**107242**	4.69	150
3VX400	**107155**	0.16	40	5VX560	**107176**	0.64	56	5VX1120	**107182**	1.30	112	8VX1600	**107204**	5.30	160
3VX425	**107167**	0.17	42.5	5VX570	–	0.66	57	5VX1150	–	1.33	115	8VX1700	**107243**	5.27	170
3VX450	**107155**	0.54	45	5VX580	–	0.67	58	5VX1160	–	1.34	116	8VX1800	**107205**	5.73	180
3VX475	**107221**	0.20	47.5	5VX590	–	0.68	59	5VX1180	**107197**	1.37	118	8VX1900	**107244**	5.81	190
3VX500	**107156**	0.22	50	5VX600	**107234**	0.69	60	5VX1230	–	1.42	123	8VX2000	**107206**	6.05	200
3VX530	**107222**	0.21	53	5VX610	–	0.70	61	5VX1250	**107183**	1.45	125	8V2120	**107245**	6.80	212
3VX560	**107157**	0.22	56	5VX630	**107177**	0.73	63	5VX1320	**107224**	1.53	132	8V2240	**107207**	7.25	224
3VX600	**107168**	0.24	60	5VX650	–	0.75	65	5VX1400	**107184**	1.62	140	8V2360	**107215**	7.65	236
3VX630	**107158**	0.27	63	5VX660	–	0.75	66	5VX1500	**107225**	1.74	150	8V2500	**107208**	7.97	250
3VX670	**107169**	0.29	67	5VX670	**107235**	0.77	67	5VX1600	**107185**	1.86	160	8V2650	**107246**	8.52	265
3VX710	**107159**	0.31	71	5VX680	–	0.78	68	5VX1700	**107226**	1.97	170	8V2800	**107209**	8.95	280
3VX750	**107170**	0.30	75	5VX690	–	0.80	69	5VX1800	**107186**	2.10	180	8V3000	**107216**	10.05	300
3VX800	**107160**	0.33	80	5VX710	**107178**	0.82	71	5VX1900	**107227**	2.20	190	8V3150	**107210**	10.50	315
3VX850	**107171**	0.39	85	5VX730	–	0.84	73	5VX2000	**107187**	2.30	200	8V3350	**107247**	11.20	335
3VX900	**107161**	0.38	90	5VX740	–	0.85	74	5V2120	**107228**	2.50	212	8V3550	**107211**	11.90	355
3VX950	**107172**	0.40	95	5VX750	**107193**	0.87	75	5V2240	**107188**	2.60	224	8V3750	**107218**	12.60	375
3VX1000	**107162**	0.44	100	5VX780		0.90	78	5V2360	**107236**	2.74	236	8V4000	**107212**	13.40	400
3VX1060	**107223**	0.44	106	5VX800	**107179**	0.92	80	5V2500	**107189**	2.84	250	8V4250	**107248**	14.20	425
3VX1120	**107163**	0.46	112	5VX810	–	0.93	81	5V2650	**107237**	2.99	265	8V4500	**107213**	15.10	425
3VX1180	**107231**	0.50	118	5VX830	–	0.96	83	5V2800	**107190**	3.10	280	8V4750	**107217**	15.50	475
3VX1250	**107164**	0.54	125	5VX840	–	0.97	84	5V3000	**107238**	3.60	300	8V5000	**107214**	16.00	500
3VX1320	**107232**	0.57	132	5VX850	**107194**	0.98	85	5V3150	**107191**	3.80	315	–	–	–	–
3VX1400	**107165**	0.62	140	5VX860	–	0.99	86	5V3350	**107239**	4.00	335	–	–	–	–
3VX1500	**107173**	0.56	150	5VX880	–	1.02	88	5V3550	**107192**	4.30	355	–	–	–	–

Δ Outside circumference in inches

D-V Wedge Banded Belts

3VX POLYBAND NARROW BELTS (2, 3, 4, 5, AND 6 BANDS)

Lgth. Δ	Belt No.	Wgt. Per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N	6-Band P/N
25	R3VX250 Δ	0.10	–	–	–	–	–
26.5	R3VX265 Δ	0.10	–	–	–	–	–
28	R3VX280 Δ	0.10	**108208**	**108209**	**108210**	**108211**	–
30	R3VX300 Δ	0.15	**108212**	**108213**	**108214**	**108215**	–
31.5	R3VX315 Δ	0.15	**108216**	**108217**	**108218**	**108219**	–
33.5	R3VX335 Δ	0.15	**108220**	**108221**	**108222**	**108228**	–
35.5	R3VX355 Δ	0.15	**108224**	**108225**	**108226**	**108227**	–
37.5	R3VX375 Δ	0.15	**108228**	**108229**	**108230**	**108231**	–
40	R3VX400 Δ	0.20	**108232**	**108233**	**108234**	**108235**	–
42.5	R3VX425 Δ	0.20	**108236**	**108237**	**108238**	**108239**	–
45	R3VX450 Δ	0.20	**108240**	**108241**	**108242**	**108243**	–
47.5	R3VX475 Δ	0.20	**108244**	**108245**	**108246**	**108247**	–
50	R3VX500 Δ	0.20	**108248**	**108249**	**108250**	**108251**	–
53	R3VX530 Δ	2.50	**108252**	**108253**	**108254**	**108255**	–
56	R3VX560 Δ	2.50	**108256**	**108257**	**108258**	**108259**	–
60	R3VX600 Δ	2.50	**108260**	**108261**	**108262**	**108263**	–
63	R3VX630 Δ	0.30	**108264**	**108265**	**108266**	**108267**	–
67	R3VX670 Δ	0.30	**108268**	**108269**	**108270**	**108271**	–
71	R3VX710 Δ	0.30	**108272**	**108273**	**108274**	**108275**	–
75	R3VX750 Δ	0.35	**108276**	**108277**	**108278**	**108279**	–
80	R3VX800 Δ	0.35	**108280**	**108281**	**108282**	**108283**	–
85	R3VX850 Δ	0.40	**108284**	**108285**	**108286**	**108287**	–
90	R3VX900 Δ	0.40	**108288**	**108289**	**108290**	**108291**	–
95	R3VX950 Δ	0.45	**108292**	**108293**	**108294**	**108295**	–
100	R3VX1000 Δ	0.45	**108296**	**108297**	**108298**	**108299**	–
106	R3VX1060 Δ	0.50	**108300**	**108301**	**108302**	**108303**	–
112	R3VX1120 Δ	0.50	**108304**	**108305**	**108306**	**108307**	–
118	R3VX1180 Δ	0.55	**108308**	**108309**	**108310**	**108311**	–
125	R3VX1250 Δ	0.55	**108312**	**108313**	**108314**	**108315**	–
132	R3VX1320 Δ	0.60	**108316**	**108317**	**108318**	**108319**	–
140	R3VX1400 Δ	0.65	**108320**	**108321**	**108322**	**108323**	–

Δ Outside circumference in inches

5VX, 5V Polyband Narrow Belts (2, 3, 4, 5, and 6 Bands)

Lgth. Δ	Belt No.	Wgt. Per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N	6-Band P/N
50	R5VX500 Δ	0.65	**108330**	–	–	–	–
53	R5VX530 Δ	0.65	–	–	–	–	–
56	R5VX560 Δ	0.70	**108338**	**108339**	**108340**	**108341**	–
60	R5VX600 Δ	0.75	**108342**	**108343**	**108344**	**108345**	–
63	R5VX630 Δ	0.80	**108346**	**108347**	**108348**	**108349**	–
67	R5VX670 Δ	0.85	**108350**	**108351**	**108352**	**108353**	–
71	R5VX710 Δ	0.90	**108354**	**108355**	**108356**	**108357**	–
75	R5VX750 Δ	0.95	**108358**	**108359**	**108360**	**108361**	–
80	R5VX800 Δ	1.00	**108362**	**108363**	**108364**	**108365**	–
85	R5VX850 Δ	1.10	**108366**	**108367**	**108368**	**108369**	–
90	R5VX900 Δ	1.15	**108370**	**108371**	**108372**	**108373**	–
95	R5VX950 Δ	1.20	**108374**	**108375**	**108376**	**108377**	–
100	R5VX1000 Δ	1.30	**108378**	**108379**	**108380**	**108381**	–
106	R5VX1060 Δ	1.35	**108382**	**108383**	**108384**	**108385**	–
112	R5VX1120 Δ	1.45	**108386**	**108387**	**108388**	**108389**	–
118	R5VX1180 Δ	1.50	**108390**	**108391**	**108392**	**108393**	–
125	R5VX1250 Δ	1.60	**108394**	**108395**	**108396**	**108397**	–
132	R5VX1320 Δ	1.70	**108398**	**108399**	**108400**	**108401**	–
140	R5VX1400 Δ	1.80	**108402**	**108403**	**108404**	**108405**	**108329**
150	R5VX1500 Δ	1.90	**108406**	**108407**	**108408**	**108409**	–
160	R5VX1600 Δ	2.05	**108410**	**108411**	**108412**	**108413**	–
170	R5VX1700 Δ	2.20	**108414**	**108415**	**108416**	**108417**	–
180	R5VX1800 Δ	2.30	**108418**	**108419**	**108420**	**108421**	–
190	R5VX1900 Δ	2.45	**108422**	**108423**	**108424**	**108425**	–
200	R5VX2000 Δ	2.55	**108426**	**108427**	**108428**	**108429**	–
212	R5V2120 Δ	2.75	**108430**	**108431**	**108432**	**108433**	–
224	R5V2240 Δ	2.90	**108434**	**108435**	**108436**	**108437**	–
236	R5V2360 Δ	3.00	**108438**	**108439**	**108440**	**108441**	–
250	R5V2500 Δ	3.20	**108442**	**108443**	**108444**	**108445**	–
265	R5V2650 Δ	3.40	**108446**	**108447**	**108448**	**108449**	–
280	R5V2800 Δ	3.60	**108450**	**108451**	**108452**	**108453**	–
300	R5V3000 Δ	3.85	**108454**	**108455**	**108456**	**108457**	–
315	R5V3150 Δ	4.05	**108458**	**108459**	**108460**	**108461**	–
335	R5V3350 Δ	4.35	**108462**	**108463**	**108464**	**108465**	–
355	R5V3550 Δ	4.70	**108466**	**108467**	**108468**	**108469**	–

For 8V belts see next page.

Δ Outside circumference in inches

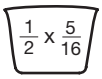
8V Polyband Narrow Belts (2, 3, 4, 5, and 6 Bands)

Lgth. Δ	Belt No.	Wgt. Per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N	6-Band P/N
100	R8V1000 Δ	3.30	–	–	–	–	–
106	R8V1060 Δ	3.50	**108486**	–	–	–	–
112	R8V1120 Δ	3.70	**108489**	**108490**	**108491**	**108492**	–
118	R8V1180 Δ	3.80	**108493**	**108494**	**108495**	**108496**	–
125	R8V1250 Δ	4.15	**108498**	**108499**	**108500**	**108501**	–
132	R8V1320 Δ	4.35	**108502**	**108503**	**108504**	**108505**	–
140	R8V1400 Δ	4.65	**108507**	**108508**	**108509**	**108510**	–
150	R8V1500 Δ	5.00	**108511**	**108512**	**108513**	**108514**	–
160	R8V1600 Δ	5.35	**108515**	**108516**	**108517**	**108518**	–
170	R8V1700 Δ	5.70	**108519**	**108520**	**108521**	**108522**	–
180	R8V1800 Δ	6.00	**108524**	**108525**	**108526**	**108527**	–
190	R8V1900 Δ	6.35	**108528**	**108529**	**108530**	**108531**	–
200	R8V2000 Δ	6.70	**108533**	**108534**	**108535**	**108536**	–
212	R8V2120 Δ	7.10	**108537**	**108538**	**108539**	**108540**	**108326**
224	R8V2240 Δ	7.50	**108542**	**108543**	**108544**	**108545**	–
236	R8V2360 Δ	7.90	**108546**	**108547**	**108548**	**108549**	–
250	R8V2500 Δ	8.40	**108550**	**108551**	**108552**	**108553**	–
265	R8V2650 Δ	8.90	**108554**	**108555**	**108556**	**108557**	–
280	R8V2800 Δ	9.14	**108559**	**108560**	**108561**	**108562**	–
300	R8V3000 Δ	10.10	**108563**	**108564**	**108565**	**108566**	**108558**
315	R8V3150 Δ	10.60	**108567**	**108568**	**108569**	**108570**	–
335	R8V3350 Δ	11.30	**108571**	**108572**	**108573**	**108574**	–
355	R8V3550 Δ	12.00	**108576**	**108577**	**108578**	**108579**	–
375	R8V3750 Δ	12.65	**108580**	**108581**	**108582**	**108583**	–
400	R8V4000 Δ	13.50	**108585**	**108586**	**108587**	**108588**	–
425	R8V4250 Δ	14.35	**108589**	**108590**	**108591**	**108592**	–
450	R8V4500 Δ	15.20	**108594**	**108595**	**108596**	**108597**	–
475	R8V4750 Δ	16.05	**108470**	**108471**	**108472**	**108473**	–
500	R8V5000 Δ	16.90	**108474**	**108475**	**108476**	**108477**	–
560	R8V5600 Δ	18.90	**108478**	**108479**	**108484**	**108488**	–
600	R8V6000 Δ	20.25	–	–	–	–	–

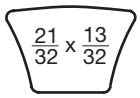
Δ Outside circumference in inches

S-L Classic Belts

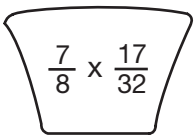
- Premium performance at standard prices.
- Cool running and flexible.
- Strong tensile cords remove excess stretch.
- Static conducting and heat and oil resistant.
- Matched to MPTA/RMA standards - No additional matching or match codes required.



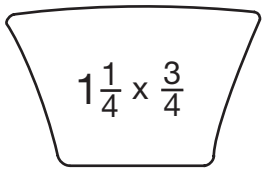
A



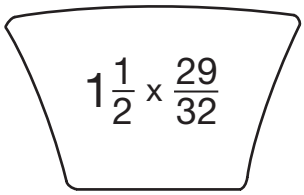
B



C



D



E

Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ
AP21	–	0.14	22.3	AP44	**107324**	0.30	45.3	AP67	**107388**	0.44	68.3	AP89	**107922**	0.57	90.3
AP22	**107908**	0.15	23.3	AP45	**107329**	0.32	46.3	AP68	**107016**	0.80	69.3	AP90	**107022**	0.57	91.3
AP23	–	0.16	24.3	AP46	**107007**	0.31	47.3	AP69	**107913**	0.44	70.3	AP91	**107923**	0.57	92.3
AP24	**107910**	0.17	25.3	AP47	**107330**	0.34	48.3	AP70	**107252**	0.46	71.3	AP92	**107277**	0.58	93.3
AP25	–	0.18	26.3	AP48	**107008**	0.34	49.3	AP71	**107017**	0.46	72.3	AP93	**107430**	0.58	94.3
AP26	**107001**	0.20	27.9	AP49	**107272**	0.34	50.3	AP72	**107914**	0.48	73.3	AP94	**107924**	0.60	95.3
AP27	**107417**	0.19	28.3	AP50	**107331**	0.35	51.3	AP73	**107915**	0.48	74.3	AP95	**107925**	0.62	96.3
AP28	**107320**	0.21	29.3	AP51	**107009**	0.36	52.3	AP74	**107343**	0.48	75.3	AP96	**107023**	0.65	97.3
AP29	**107418**	0.21	30.3	AP52	**107332**	0.38	53.3	AP75	**107018**	0.48	76.3	AP97	**107926**	0.65	98.3
AP30	**107321**	0.23	31.3	AP53	**107010**	0.37	54.3	AP76	**107420**	0.47	77.3	AP98	**107431**	0.70	99.3
AP31	**107002**	0.24	32.3	AP54	**107250**	0.38	55.3	AP77	**107916**	0.50	78.3	AP100	**107346**	0.67	101.3
AP32	**107322**	0.24	33.3	AP55	**107011**	0.38	56.3	AP78	**107019**	0.51	79.3	AP103	–	0.68	104.3
AP33	**107003**	0.25	34.3	AP56	**107251**	0.37	57.3	AP79	**107917**	0.52	80.3	AP105	**107024**	0.68	106.3
AP34	**107278**	0.26	35.3	AP57	**107273**	0.40	58.3	AP80	**107020**	0.51	81.3	AP110	**107253**	0.70	111.3
AP35	**107004**	0.26	36.3	AP58	**107274**	0.40	59.3	AP81	**107276**	0.52	82.3	AP112	**107025**	0.74	113.3
AP36	**107270**	0.27	37.3	AP59	**107912**	0.40	60.3	AP82	**107918**	0.55	83.3	AP120	**107026**	0.75	121.3
AP37	**107129**	0.27	38.3	AP60	**107012**	0.41	61.3	AP83	**107344**	0.50	84.3	AP128	**107027**	0.85	129.3
AP38	**107005**	0.26	39.3	AP61	**107333**	0.41	62.3	AP84	**107919**	0.53	85.3	AP136	**107028**	0.84	137.3
AP39	**107323**	0.29	40.3	AP62	**107013**	0.66	63.3	AP85	**107021**	0.55	86.3	AP144	**107029**	1.00	145.3
AP40	**107271**	0.29	41.3	AP63	**107387**	0.40	64.3	AP86	**107920**	0.56	87.3	AP158	**107254**	1.10	159.3
AP41	**107419**	0.29	42.3	AP64	**107014**	0.41	65.3	AP87	**107921**	0.58	88.3	AP173	**107255**	1.20	174.3
AP42	**107006**	0.27	43.3	AP65	**107122**	0.42	66.3	AP88	**107345**	0.60	89.3	AP180	**107256**	1.20	181.3
AP43	**107249**	0.31	44.3	AP66	**107015**	0.43	67.3	–	–	–	–	–	–	–	–

Δ Datum length in inches

S-L Classic Belts
B, C, D, E S-L Classic Belts

Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ	Belt No.	Part No.	Wt.	Datum Lgth. Δ
B-Belts				**B-Belts (Con't.)**				**B-Belts (Con't.)**				**C-Belts (Con't.)**			
BP25	–	0.28	26.8	BP78	**107046**	0.74	79.8	BP205	**107353**	2.00	206.8	CP330	**107096**	6.00	330.9
BP26	–	0.29	27.8	BP79	**107257**	0.80	80.8	BP210	**107065**	2.07	211.8	CP345	**107097**	6.30	345.9
BP28	**107932**	0.30	29.8	BP80	**107047**	0.85	81.8	BP225	**107262**	2.21	225.3	CP360	**107098**	7.40	360.9
BP29	**107933**	0.29	30.8	BP81	**107048**	0.82	82.8	BP240	**107066**	2.39	240.3	CP390	**107099**	7.10	390.9
BP30	–	0.30	31.8	BP82	**107258**	0.84	83.8	BP255	**107263**	2.56	255.3	CP420	**107269**	8.03	420.9
BP31	–	0.32	32.8	BP83	**107049**	0.79	84.8	BP270	**107067**	2.75	270.3	**D-Belts**			
BP32	**107389**	0.36	33.8	BP84	**107411**	0.81	85.8	BP285	**107264**	2.70	285.3	DP120	**107100**	4.30	123.3
BP33	–	0.34	34.8	BP85	**107050**	0.87	86.8	BP300	**107068**	3.40	300.3	DP128	**107101**	4.60	131.3
BP34	**107390**	0.34	35.8	BP86	**107434**	0.84	87.8	BP315	**107265**	3.20	315.3	DP144	**107102**	5.10	147.3
BP35	**107030**	0.39	36.8	BP87	**107296**	0.87	88.8	**C-Belts**				DP158	**107103**	5.58	161.3
BP36	**107391**	0.39	37.8	BP88	**107297**	0.87	89.8	CP51	**107072**	0.99	53.9	DP162	**107104**	5.65	165.3
BP37	**107936**	0.41	38.8	BP89	**107938**	0.90	90.8	CP55	**107354**	1.07	57.9	DP173	**107105**	11.00	176.3
BP38	**107031**	0.44	39.8	BP90	**107051**	0.94	91.8	CP60	**107073**	1.15	62.9	DP180	**107106**	6.35	183.3
BP39	**107937**	0.43	40.8	BP91	**107939**	0.87	92.8	CP68	**107074**	1.30	70.9	DP195	**107107**	6.90	198.3
BP40	**107279**	0.44	41.8	BP92	**107940**	0.90	93.8	CP71	–	1.34	73.9	DP210	**107108**	7.40	213.3
BP41	**107280**	0.45	42.8	BP93	**107052**	0.91	94.8	CP72	**107699**	1.36	74.9	DP225	**107146**	7.90	225.8
BP42	**107032**	0.44	43.8	BP94	**107941**	0.93	95.8	CP75	**107075**	1.42	77.9	DP240	**107109**	8.49	240.8
BP43	**107349**	0.46	44.8	BP95	**107259**	0.95	96.8	CP78	**107124**	1.49	80.9	DP255	**107148**	8.90	255.8
BP44	**107281**	0.50	45.8	BP96	**107260**	0.96	97.8	CP81	**107076**	1.50	83.9	DP270	**107110**	8.90	270.8
BP45	**107433**	0.48	46.8	BP97	**107053**	0.95	98.8	CP85	**107077**	1.65	87.9	DP285	**107149**	9.90	285.8
BP46	**107033**	0.49	47.8	BP98	–	0.96	99.8	CP90	**107078**	1.64	92.9	DP300	**107111**	10.30	300.8
BP47	**107408**	0.52	48.8	BP99	**107128**	0.99	100.8	CP96	**107079**	1.82	98.9	DP315	**107112**	11.00	315.8
BP48	**107034**	0.51	49.8	BP100	**107069**	1.02	101.8	CP97	**107356**	1.83	99.9	DP330	**107113**	11.50	330.8
BP49	**107350**	0.53	50.8	BP101	–	1.06	102.8	CP99	**107361**	1.86	101.9	DP345	**107114**	12.00	345.8
BP50	**107282**	0.54	51.8	BP103	**107054**	1.07	104.8	CP100	**107126**	1.88	102.9	DP360	**107115**	12.76	360.8
BP51	**107035**	0.51	52.8	BP105	**107055**	1.07	106.8	CP101	–	1.89	103.9	DP390	**107116**	13.60	390.8
BP52	**107283**	0.55	53.8	BP106	–	1.08	107.8	CP105	**107080**	1.90	107.9	DP420	**107117**	14.70	420.8
BP53	**107036**	0.57	54.8	BP108	**107298**	1.08	109.8	CP108	**107363**	1.90	110.9	DP450	**107373**	15.70	450.8
BP54	**107284**	0.59	55.8	BP111	–	1.15	112.8	CP109	**107123**	2.02	111.9	DP480	**107118**	16.80	480.8
BP55	**107037**	0.59	56.8	BP112	**107056**	1.14	113.8	CP111	**107365**	2.10	113.9	DP540	**107119**	18.90	540.8
BP56	**107285**	0.59	57.8	BP116	**107412**	1.18	117.8	CP112	**107081**	2.13	114.9	DP600	**107120**	20.90	600.8
BP57	**107286**	0.59	58.8	BP118	–	1.18	119.8	CP115	**107364**	2.26	117.9	DP660	**107070**	23.00	660.8
BP58	**107287**	0.61	59.8	BP120	**107057**	1.18	121.8	CP120	**107082**	2.22	122.9	**E-Belts ◊**			
BP59	**107288**	0.59	60.8	BP123	–	1.25	124.8	CP124	**107127**	2.42	126.9	EP144	–	8.00	148.5
BP60	**107038**	0.60	61.8	BP124	**107299**	1.26	125.8	CP128	**107083**	2.35	130.9	EP180	**107131**	9.40	184.5
BP61	**107289**	0.61	62.8	BP126	–	1.25	127.8	CP136	**107084**	2.56	138.9	EP195	**107132**	10.10	199.5
BP62	**107039**	0.62	63.8	BP128	**107058**	1.28	129.8	CP144	**107085**	2.64	146.9	EP210	**107133**	10.90	214.5
BP63	**107290**	0.63	64.8	BP130	–	1.35	131.8	CP148	–	2.80	150.9	EP225	–	12.10	229.5
BP64	**107040**	0.64	65.8	BP133	**107261**	1.38	134.8	CP150	**107957**	2.82	152.9	EP240	**107135**	12.20	241.5
BP65	**107041**	0.65	66.8	BP136	**107059**	1.34	137.8	CP158	**107086**	3.01	160.9	EP270	–	14.50	271.5
BP66	**107042**	0.66	67.8	BP140	–	1.43	141.8	CP162	**107087**	3.09	164.9	EP300	**107137**	15.30	301.0
BP67	**107291**	0.69	68.8	BP144	**107060**	1.45	145.8	CP173	**107088**	3.39	175.9	EP330	**107138**	16.80	331.0
BP68	**107043**	0.67	69.8	BP148	**107351**	1.39	149.8	CP180	**107089**	3.47	182.9	EP360	**107139**	18.30	361.0
BP69	**107409**	0.70	70.8	BP150	**107000**	1.49	151.8	CP195	**107090**	3.65	197.9	EP390	**107140**	19.80	391.0
BP70	**107275**	0.72	71.8	BP155	–	1.54	155.8	CP210	**107091**	8.03	212.9	EP420	**107141**	21.40	421.0
BP71	**107044**	0.69	72.8	BP158	**107061**	1.55	159.8	CP225	**107266**	4.16	225.9	EP480	**107142**	27.00	481.0
BP72	**107292**	0.73	73.8	BP162	**107125**	1.58	163.8	CP240	**107092**	4.31	240.9	EP540	**107143**	30.00	541.0
BP73	**107293**	0.73	74.8	BP173	**107062**	1.69	174.8	CP255	**107267**	4.70	255.9	EP600	**107144**	34.00	601.0
BP74	**107294**	0.73	75.8	BP180	**107063**	1.72	181.8	CP270	**107093**	5.03	270.9	EP660	**107174**	36.00	661.0
BP75	**107045**	0.78	76.8	BP190	**107352**	1.85	191.8	CP285	**107268**	5.20	285.9				
BP76	**107410**	0.76	77.8	BP191	–	1.95	192.8	CP300	**107094**	5.50	300.9	Δ Datum length in inches			
BP77	**107295**	0.76	78.8	BP195	**107064**	2.00	196.8	CP315	**107095**	5.80	315.9				

◊ E-Belts: Recommended for replacement only - not for new drives (Use 8V belts.)

S-L Classic Banded Belts
B Polyband Classic Belts (2, 3, 4 and 5 Bands)

Datum Lgth. Δ	Belt No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
36.8	RBP35 Δ	0.50	–	–	–	–
39.8	RBP38 Δ	0.55	–	–	–	–
41.8	RBP40 Δ	0.55	–	–	–	–
42.8	RBP41 Δ	0.55	–	–	–	–
43.8	RBP42 Δ	0.60	**107308**	**107309**	**107310**	**107311**
44.8	RBP43 Δ	0.60	**107421**	**107451**	**107452**	**107453**
45.8	RBP44 Δ	0.60	–	–	–	–
47.8	RBP46 Δ	0.65	**107312**	**107313**	**107314**	**107315**
49.8	RBP48 Δ	0.65	**107316**	**107317**	**107318**	**107319**
50.8	RBP49 Δ	0.70	–	–	–	–
51.8	RBP50 Δ	0.70	**107454**	**107455**	**107464**	**107465**
52.8	RBP51 Δ	0.70	**107325**	**107326**	**107327**	**107328**
53.8	RBP52 Δ	0.70	**107466**	**107467**	**107468**	**107481**
54.8	RBP53 Δ	0.75	**107334**	**107335**	**107336**	**107337**
55.8	RBP54 Δ	0.75	**107482**	**107483**	**107484**	**107485**
56.8	RBP55 Δ	0.75	**107338**	**107339**	**107340**	**107341**
57.8	RBP56 Δ	0.75	**107494**	**107495**	**107496**	**107497**
58.8	RBP57 Δ	0.80	**107498**	**107503**	**107504**	**107505**
59.8	RBP58 Δ	0.80	**107506**	**107507**	**107520**	**107521**
60.8	RBP59 Δ	0.80	**107522**	**107523**	**107524**	**107541**
61.8	RBP60 Δ	0.85	**107357**	**107358**	**107359**	**107360**
62.8	RBP61 Δ	0.85	**107542**	**107543**	**107544**	**107545**
63.8	RBP62 Δ	0.85	**107366**	**107367**	**107368**	**107369**
64.8	RBP63 Δ	0.85	**107550**	**107551**	**107552**	**107553**
65.8	RBP64 Δ	0.90	**107375**	**107376**	**107377**	**107378**
66.8	RBP65 Δ	0.90	**107379**	**107380**	**107381**	**107382**
67.8	RBP66 Δ	0.90	**107383**	**107384**	**107385**	**107386**
68.8	RBP67 Δ	0.90	**107554**	**107563**	**107564**	**107565**
69.8	RBP68 Δ	0.90	**107392**	**107393**	**107394**	**107395**
71.8	RBP70 Δ	0.95	**107396**	**107397**	**107398**	**107399**
72.8	RBP71 Δ	0.95	**107400**	**107401**	**107402**	**107403**
73.8	RBP72 Δ	1.00	**107566**	**107567**	**107568**	**107569**
74.8	RBP73 Δ	1.00	**107660**	**107651**	**107652**	**107653**
75.8	RBP74 Δ	1.00	**107654**	**107659**	**107660**	**107661**
75.8	RBP75 Δ	1.00	**107404**	**107405**	**107406**	**107407**
78.8	RBP77 Δ	1.05	**107662**	**107663**	**107668**	**107669**
79.8	RBP78 Δ	1.05	**107413**	**107414**	**107415**	**107416**
80.8	RBP79 Δ	1.10	**107670**	**107671**	**107672**	**107677**
81.8	RBP80 Δ	1.10	**107422**	**107423**	**107424**	**107425**
82.8	RBP81 Δ	1.10	**107426**	**107427**	**107428**	**107429**
83.8	RBP82 Δ	1.10	**107678**	**107894**	**107895**	**107896**
84.8	RBP83 Δ	1.15	**107435**	**107436**	**107437**	**107438**
86.8	RBP85 Δ	1.15	**107439**	**107440**	**107441**	**107442**
88.8	RBP87 Δ	1.20	**107897**	**107898**	**107899**	**107942**
89.8	RBP88 Δ	1.20	**107943**	**107944**	**107948**	**107949**
91.8	RBP90 Δ	1.20	**107443**	**107444**	**107445**	**107446**
94.8	RBP93 Δ	1.25	**107447**	**107448**	**107449**	**107450**
96.8	RBP95 Δ	1.30	**107950**	**107951**	**107952**	**107953**
97.8	RBP96 Δ	1.30	**107456**	**107457**	**107458**	**107459**
98.8	RBP97 Δ	1.30	**107460**	**107461**	**107462**	**107463**

Δ Datum length in inches

S-L Classic Banded Belts
B Polyband Classic Belts (2, 3, 4 and 5 Bands) (Cont'd)

Datum Lgth. Δ	Belt No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
100.8	RBP99 Δ	1.35	**107954**	**107955**	**107956**	**107979**
101.8	RBP100 Δ	1.35	**107469**	**107470**	**107471**	**107472**
104.8	RBP103 Δ	1.40	**107473**	**107474**	**107475**	**107476**
106.8	RBP105 Δ	1.45	**107477**	**107478**	**107479**	**107480**
109.8	RBP108 Δ	1.45	**107980**	**107981**	**107982**	**107983**
113.8	RBP112 Δ	1.50	**107486**	**107487**	**107488**	**107489**
121.8	RBP120 Δ	1.65	**107490**	**107491**	**107492**	**107493**
125.8	RBP124 Δ	1.70	**107984**	**107985**	**107986**	**107987**
129.8	RBP128 Δ	1.75	**107499**	**107500**	**107501**	**107502**
134.8	RBP133 Δ	1.80	**107988**	**107989**	**107990**	**107991**
137.8	RBP136 Δ	1.85	**107508**	**107509**	**107510**	**107511**
145.8	RBP144 Δ	1.95	**107512**	**107513**	**107514**	**107515**
149.8	RBP148 Δ	2.00	**107992**	**107993**	**107994**	**107995**
159.8	RBP158 Δ	2.15	**107516**	**107517**	**107518**	**107519**
163.8	RBP162 Δ	2.20	**107996**	**107997**	**107998**	**108765**
174.8	RBP173 Δ	2.35	**107525**	**107526**	**107527**	**107528**
181.8	RBP180 Δ	2.45	**107529**	**107530**	**107531**	**107532**
196.8	RBP195 Δ	2.65	**107533**	**107534**	**107535**	**107536**
211.8	RBP210 Δ	2.85	**107537**	**107538**	**107539**	**107540**
225.3	RBP225 Δ	3.00	**108766**	**108767**	**108768**	**108769**
240.3	RBP240 Δ	3.20	**107546**	**107547**	**107548**	**107549**
255.3	RBP255 Δ	3.40	**108770**	**108771**	**108772**	**108773**
270.3	RBP270 Δ	3.60	**107555**	**107556**	**107557**	**107558**
285.3	RBP285 Δ	3.80	–	–	–	–
300.3	RBP300 Δ	4.00	**107559**	**107560**	**107561**	**107562**
315.3	RBP315 Δ	4.20	**108774**	**108775**	**108776**	**108777**

S-L Classic Banded Belts
C Polyband Classic Belts (2, 3, 4 and 5 Bands)

Datum Lgth. Δ	Belt No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
53.9	RCP51 Δ	1.20	–	–	–	–
57.9	RCP55 Δ	1.30	–	–	–	–
62.9	RCP60 Δ	1.40	**107574**	**107575**	**107576**	**107577**
70.9	RCP68 Δ	1.55	**107578**	**107579**	**107580**	**107581**
73.9	RCP71 Δ	1.65	–	–	–	–
77.9	RCP75 Δ	1.70	**107582**	**107583**	**107584**	**107585**
83.9	RCP81 Δ	1.85	**107586**	**107587**	**107588**	**107589**
87.9	RCP85 Δ	1.95	**107590**	**107591**	**107592**	**107593**
92.9	RCP90 Δ	2.05	**107594**	**107595**	**107596**	**107597**
98.9	RCP96 Δ	2.20	**107598**	**107599**	**107600**	**107601**
99.9	RCP97 Δ	2.20	–	–	–	–
101.9	RCP99 Δ	2.25	**108778**	**108779**	**108780**	**108781**
102.9	RCP100 Δ	2.30	–	–	–	–
107.9	RCP105 Δ	2.40	**107602**	**107603**	**107604**	**107605**
110.9	RCP108 Δ	2.45	**108782**	**108783**	**108784**	**108785**
111.9	RCP109 Δ	2.50	**108786**	**108787**	**108788**	**108789**
114.9	RCP112 Δ	2.55	**107606**	**107607**	**107608**	**107609**
122.9	RCP120 Δ	2.70	**107610**	**107611**	**107612**	**107613**
126.9	RCP124 Δ	2.80	**108790**	**108791**	**108792**	**108793**
130.9	RCP128 Δ	2.80	**107614**	**107615**	**107616**	**107617**
138.9	RCP136 Δ	3.05	**107618**	**107619**	**107620**	**107621**
146.9	RCP144 Δ	3.25	**107622**	**107623**	**107624**	**107625**
160.9	RCP158 Δ	3.55	**107626**	**107627**	**107628**	**107629**
164.9	RCP162 Δ	3.65	**107630**	**107631**	**107632**	**107633**
175.9	RCP173 Δ	3.90	**107634**	**107635**	**107636**	**107637**
182.9	RCP180 Δ	4.05	**107638**	**107639**	**107640**	**107641**
197.9	RCP195 Δ	4.40	**107642**	**107643**	**107644**	**107645**
212.9	RCP210 Δ	4.70	**107646**	**107647**	**107648**	**107649**
225.9	RCP225 Δ	5.00	**107679**	**107680**	**107681**	**107682**
240.9	RCP240 Δ	5.35	**107655**	**107656**	**107657**	**107658**
255.9	RCP255 Δ	5.65	**107684**	**107685**	**107686**	**107687**
270.9	RCP270 Δ	6.00	**107664**	**107665**	**107666**	**107667**
285.9	RCP285 Δ	6.35	**107689**	**107690**	**107691**	**107692**
300.9	RCP300 Δ	6.65	**107673**	**107674**	**107675**	**107676**
315.9	RCP315 Δ	7.00	**108794**	**108795**	**108796**	**108797**
330.9	RCP330 Δ	7.35	**108798**	**108799**	**108876**	**108877**
345.9	RCP345 Δ	7.65	**108878**	**108879**	**108880**	**108881**
360.9	RCP360 Δ	8.00	**108882**	**108883**	**108884**	**108885**
390.9	RCP390 Δ	8.65	**108886**	**108887**	**108888**	**108889**
420.9	RCP420 Δ	9.35	**108890**	**108891**	**108892**	**108893**

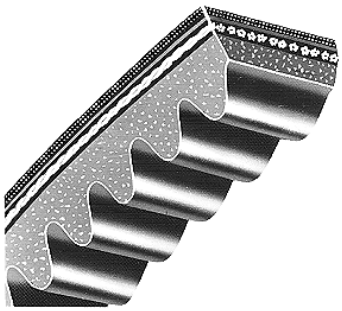
Δ Datum length in inches

S-L Classic Banded Belts
D Polyband Classic Belts (2, 3, 4 and 5 Bands)

Datum Lgth. Δ	Belt No.	Wgt. per Band	2-Band P/N	3-Band P/N	4-Band P/N	5-Band P/N
123.3	RDP120 Δ	5.05	**107700**	**107701**	**107702**	**107703**
131.3	RDP128 Δ	5.40	–	–	–	–
147.3	RDP144 Δ	6.05	**107708**	**107709**	**107710**	**107711**
161.3	RDP158 Δ	6.65	**107712**	**107713**	**107714**	**107715**
165.3	RDP162 Δ	6.80	**107716**	**107717**	**107718**	**107719**
176.3	RDP173 Δ	7.25	**107720**	**107721**	**107722**	**107723**
183.3	RDP180 Δ	7.50	**107724**	**107725**	**107726**	**107727**
198.3	RDP195 Δ	8.15	**107728**	**107729**	**107730**	**107731**
213.3	RDP210 Δ	8.75	**107732**	**107733**	**107734**	**107735**
225.8	RDP225 Δ	9.30	**107736**	**107737**	**107738**	**107739**
240.8	RDP240 Δ	9.90	**107741**	**107742**	**107743**	**107744**
255.8	RDP255 Δ	10.50	**107745**	**107746**	**107747**	**107748**
270.8	RDP270 Δ	11.15	**107750**	**107751**	**107752**	**107753**
285.8	RDP285 Δ	11.75	**107754**	**107755**	**107756**	**107757**
300.8	RDP300 Δ	12.35	**107759**	**107760**	**107761**	**107762**
315.8	RDP315 Δ	13.00	**107777**	**107778**	**107779**	**107780**
330.8	RDP330 Δ	13.60	**107781**	**107782**	**107783**	**107784**
345.8	RDP345 Δ	14.20	**107695**	**107696**	**107697**	**107698**
360.8	RDP360 Δ	14.85	**107960**	**107961**	**107962**	**107963**
390.8	RDP390 Δ	16.10	**107764**	**107765**	**107766**	**107767**
420.8	RDP420 Δ	17.30	**107769**	**107770**	**107771**	**107772**
450.8	RDP450 Δ	18.55	**107964**	**107965**	**107966**	**107967**
480.8	RDP480 Δ	19.80	**107773**	**107774**	**107775**	**107776**
540.8	RDP540 Δ	22.25	–	**107968**	**107969**	**107970**
600.8	RDP600 Δ	24.70	**107971**	**107972**	**107973**	**107974**
660.8	RDP660 Δ	27.15	**107975**	**107976**	**107977**	**107978**

Δ Datum length in inches

Classic Cog Belts

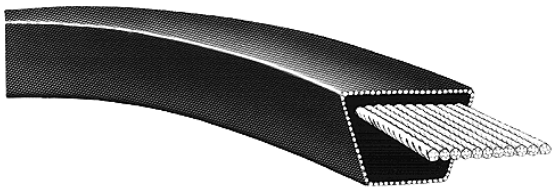


Deliver more horsepower and last longer than conventional belts

- Fully notched cogs for maximum flexibility
- High coefficient, energy-efficient rubber edge
- Proven energy-saving design
- Outlast conventional belts
- Fewer belts required - drive weight is reduced
- Matched to MPTA/RMA standards - No additional matching or match codes required

Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.
AX Belts				**AX Belts (Con't.)**				**BX-Belts (Con't.)**				**BX Belts (Con't.)**			
AX25	**108867**	.17	26.3	AX105	**108670**	.68	106.3	BX78	**108702**	.86	79.8	BX270	**108735**	2.65	270.3
AX26	**108640**	.18	27.3	AX110	**108671**	.71	111.3	BX79	**108703**	.87	80.8	BX300	**108637**	3.0	300.3
AX27	**108868**	.19	28.3	AX112	**108672**	.73	113.3	BX80	**108704**	.88	81.8	**CX-Belts**			
AX31	**108641**	.21	32.3	AX120	**108673**	.74	121.3	BX81	**108705**	.89	82.8	CX51	**108736**	1.07	53.9
AX32	**108869**	.21	33.3	AX128	**108674**	.78	129.3	BX82	**108706**	.90	83.8	CX60	**108737**	1.24	62.9
AX33	**108642**	.22	34.3	AX136	**108675**	.98	137.3	BX83	**108707**	.91	84.8	CX68	**108738**	1.39	70.9
AX34	**108643**	.23	35.3	**BX-Belts**				BX85	**108708**	.93	86.8	CX75	**108739**	1.53	77.9
AX35	**108644**	.24	36.3	BX35	**108676**	.40	36.8	BX90	**108709**	.98	91.8	CX81	**108740**	1.64	83.9
AX36	**108645**	.24	37.3	BX38	**108677**	.43	39.8	BX93	**108710**	1.01	94.8	CX85	**108741**	1.72	87.9
AX37	**108646**	.25	38.3	BX42	**108678**	.48	43.8	BX95	**108711**	1.03	96.8	CX90	**108742**	1.81	92.9
AX38	**108647**	.26	39.3	BX46	**108679**	.52	47.8	BX96	**108712**	1.05	97.8	CX96	**108743**	1.93	98.9
AX42	**108648**	.28	43.3	BX48	**108680**	.54	49.8	BX97	**108713**	1.06	98.8	CX105	**108744**	2.10	107.9
AX43	**108649**	.29	44.3	BX50	**108681**	.56	51.8	BX99	**108714**	1.08	100.8	CX109	**108745**	2.18	111.9
AX46	**108650**	.31	47.3	BX51	**108682**	.57	52.8	BX100	**108715**	1.09	101.8	CX112	**108746**	2.24	114.9
AX48	**108651**	.32	49.3	BX52	**108683**	.58	53.8	BX103	**108716**	1.12	104.8	CX115	**108747**	2.29	117.9
AX51	**108652**	.34	52.3	BX53	**108684**	.59	54.8	BX105	**108717**	1.14	106.8	CX120	**108748**	2.39	122.9
AX53	**108653**	.35	54.3	BX54	**108685**	.60	55.8	BX112	**108718**	1.21	113.8	CX128	**108749**	2.42	130.9
AX54	**108654**	.36	55.3	BX55	**108686**	.61	56.8	BX113	**108719**	1.22	114.8	CX136	**108750**	2.49	138.9
AX55	**108655**	.36	56.3	BX56	**108687**	.62	57.8	BX116	**108720**	1.26	117.8	CX144	**108751**	2.63	146.9
AX56	**108656**	.37	57.3	BX59	**108688**	.66	60.8	BX120	**108721**	1.30	121.8	CX150	**108752**	2.74	152.9
AX60	**108657**	.40	61.3	BX60	**108689**	.67	61.8	BX124	**108722**	1.26	125.8	CX158	**108753**	2.88	160.9
AX62	**108658**	.41	63.3	BX61	**108690**	.68	62.8	BX128	**108723**	1.30	129.8	CX162	**108754**	2.95	164.9
AX64	**108659**	.42	65.3	BX62	**108691**	.69	63.8	BX133	**108724**	1.34	134.8	CX173	**108755**	3.15	175.9
AX66	**108660**	.43	67.3	BX63	**108692**	.70	64.8	BX136	**108725**	1.37	137.8	CX180	**108756**	3.27	182.9
AX68	**108661**	.45	69.3	BX64	**108693**	.71	65.8	BX144	**108726**	1.45	145.8	CX195	**108757**	3.54	197.9
AX70	**108662**	.46	71.3	BX65	**108694**	.72	66.8	BX150	**108727**	1.51	151.8	CX210	**108758**	3.77	212.9
AX71	**108663**	.47	72.3	BX66	**108695**	.73	67.8	BX158	**108728**	1.59	159.8	CX225	**108896**	4.0	227.9
AX75	**108664**	.49	76.3	BX67	**108696**	.74	68.8	BX162	**108729**	1.63	163.8	CX240	**108759**	4.30	240.9
AX78	**108665**	.51	79.3	BX68	**108697**	.75	69.8	BX173	**108730**	1.74	174.8	CX270	**108760**	4.83	270.9
AX80	**108666**	.52	81.3	BX70	**108698**	.77	71.8	BX180	**108731**	1.81	181.8	CX285	**108638**	4.7	285.9
AX85	**108667**	.55	86.3	BX71	**108699**	.78	72.8	BX195	**108732**	1.96	196.8	CX300	**108639**	4.9	300.9
AX90	**108668**	.59	91.3	BX75	**108700**	.82	76.8	BX210	**108733**	2.09	211.8	CX330	**108762**	5.3	330.9
AX96	**108669**	.62	97.3	BX77	**108701**	.85	78.8	BX240	**108734**	2.36	240.3	CX360	**108764**	5.8	360.9

Double-V (Hex) Belts

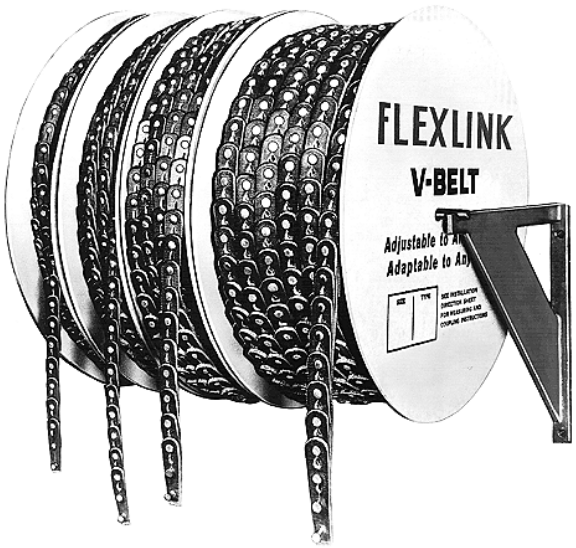


- For serpentine drives
- Static conducting
- Oil resistant

AA, BB, CC, DOUBLE-V (HEX) BELTS

Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.	Belt No.	Part No.	Wt.	Datum Lgth.
AA Belts				**BB Belts (Con't.)**				**BB Belts (Con't.)**				**CC Belts**			
AA51	**109125**	0.50	53.1	BB73	**109209**	3.30	75.9	BB140	**109223**	2.00	142.9	CC75	**109235**	1.72	79.2
AA55	**109087**	0.60	57.1	BB74	**109210**	1.20	76.9	BB144	**109091**	2.00	146.9	CC81	**109153**	1.80	85.2
AA60	**109126**	0.50	62.1	BB75	**109138**	1.00	77.9	BB155	**109202**	2.00	157.9	CC85	**109155**	1.90	89.5
AA62	–	0.50	64.1	BB76	–	1.00	78.9	BB157	–	2.10	159.9	CC90	**109155**	2.00	94.2
AA64	**109120**	0.70	66.1	BB77	–	1.10	79.9	BB158	**109092**	2.10	160.9	CC96	**109156**	2.20	100.2
AA66	**109121**	0.70	68.1	BB81	**109139**	1.10	83.9	BB160	–	2.20	162.9	CC105	**109157**	2.40	109.2
AA68	**109127**	0.50	70.1	BB83	**109211**	1.10	85.9	BB162	–	2.20	164.9	CC112	**109158**	2.50	116.2
AA70	**109122**	0.70	72.1	BB85	**109140**	1.20	87.9	BB168	–	2.30	170.9	CC119	–	2.60	123.2
AA75	**109128**	0.60	77.1	BB89	–	1.20	91.9	BB169	–	2.30	171.9	CC120	**109159**	2.70	124.2
AA78	**109123**	0.90	80.1	BB90	**109141**	1.20	92.9	BB170	–	2.30	172.9	CC128	**109160**	2.90	132.2
AA80	**109129**	0.60	82.1	BB92	**109197**	1.20	94.9	BB173	**109093**	2.30	175.9	CC136	**109236**	3.26	140.2
AA85	**109130**	0.71	87.1	BB93	**109198**	1.20	95.9	BB180	**109094**	2.40	182.9	CC144	**109161**	3.20	148.2
AA90	**109131**	0.80	92.1	BB94	**109199**	1.20	96.9	BB182	–	2.40	184.9	CC148	**109237**	3.54	152.2
AA92	–	0.80	94.1	BB96	–	1.30	98.9	BB190	–	2.60	192.9	CC158	**109162**	3.50	162.2
AA96	**109132**	0.80	98.1	BB97	**109142**	1.30	99.9	BB195	**109148**	2.60	197.9	CC162	**109163**	3.80	166.2
AA105	**109133**	0.90	107.1	BB103	**109213**	1.66	105.9	BB210	**109149**	2.60	212.9	CC173	**109164**	3.80	177.2
AA112	**109134**	0.80	114.1	BB105	**109143**	1.40	107.9	BB225	–	3.00	226.4	CC180	**109165**	4.00	184.2
AA120	**109135**	0.90	122.1	BB107	**109214**	1.71	109.9	BB226	**109203**	3.00	227.4	CC195	**109166**	4.30	199.2
AA128	**109136**	0.90	130.1	BB108	**109215**	1.74	110.9	BB228	**109204**	3.00	229.4	CC210	**109167**	4.70	214.2
BB Belts				BB111	**109200**	1.40	113.9	BB230	**109205**	3.10	231.4	CC225	–	5.20	229.2
BB42	**109192**	0.60	44.9	BB112	**109144**	1.60	114.9	BB240	**109150**	3.20	241.4	CC240	**109168**	5.20	242.2
BB43	**109193**	0.60	45.9	BB116	**109216**	1.60	118.9	BB250	–	3.20	251.4	CC255	–	5.90	259.2
BB45	**109206**	0.60	47.9	BB117	–	1.60	119.9	BB267	–	3.20	268.4	CC270	**109169**	5.90	272.2
BB51	**109088**	0.80	53.9	BB118	**109218**	1.90	120.9	BB270	**109151**	3.60	271.4	CC300	**109170**	6.50	302.2
BB53	–	0.80	55.9	BB120	**109145**	1.60	122.9	BB273	–	3.60	274.4	CC330	**109171**	7.20	332.2
BB54	–	0.80	56.9	BB122	–	1.70	124.9	BB277	–	3.60	278.4	CC360	**109172**	7.80	362.2
BB55	**109089**	0.80	57.9	BB123	**109219**	1.70	125.9	BB278	–	3.70	279.4	CC390	**109189**	8.50	392.2
BB60	**109090**	0.90	62.9	BB124	**109220**	1.70	126.9	BB285	–	3.90	286.4	CC420	**109188**	9.10	422.2
BB64	–	0.90	66.9	BB128	**109146**	1.80	130.9	BB300	–	4.00	301.4				
BB68	**109137**	0.90	70.9	BB129	**109221**	1.80	131.9	BB360	–	4.50	3614				
BB71	**109196**	1.00	73.9	BB130	**109222**	1.80	132.9								
BB72	**109208**	1.17	74.9	BB136	**109201**	1.80	138.9								

Flexlink Belting



Belt Selection	Belt Width	Min. Recommended Sheave Pitch Dia.	Part No. Per Foot*	Wt. Per Foot
0/3L	3/8	2	**109076**	.14
A/4L	1/2	2	**109084**	.15
B/5L	21/32	4	**109085**	.19
C	7/8	6	**109086**	.35

* 100 ft. reel available

Flexlink Belt Application Guidelines

1. To obtain link belt length, multiply desired pitch length by .916. This provides correct belt length for initial run-in and seating of belt.
2. For matched sets of link belts, use the same number of links on each belt.
3. Do not use link belting above 5000 FPM belt speed.
   Belt speed = .262 x RPM x pitch diameter of sheave.
4. **Note:** Link belting is not static conducting.
   Important - For matched sets of link belts use same number of links on each belt.

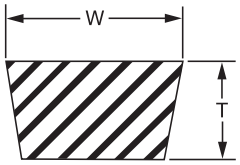
- Fast installation, installs in a snap
- Adjustable to any length, adaptable to any drive
- Reduces vibration
- Long-lasting construction
- Reduces inventory - one reel can replace many sizes of standard belting
- Oil proof construction
- Order by the foot or by the reel.

SELECTION

BALDOR · DODGE

FHP Belts

- Oil resistant
- Static conducting
- For fractional HP single drive belts
- Belt number indicates pitch length (eg 4L270 = 27 in.)



Belt Sect.	W	T
3L	3/8	7/32
4L	1/2	5/16
5L	21/32	3/8

3L, 4L, 5L FHP BELTS

Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.
3L Belts			3L Belts (Con't.)			4L Belts (Con't.)			5L Belts (Con't.)		
3L150	**108150**	.05	3L620	**108604**	.19	4L590	**108043**	.32	5L400	**108096**	.38
3L160	**108151**	.05	3L630	**108805**	.19	4L600	**108044**	.33	5L410	**108097**	.38
3L170	**108152**	.05	4L Belts			4L610	**108045**	.33	5L420	**108098**	.40
3L180	**108153**	.06	4L170	**108614**	.09	4L620	**108046**	.34	5L430	**108099**	.41
3L190	**108155**	.06	4L180	**108001**	.09	4L630	**108047**	.35	5L440	**108100**	.42
3L200	**108155**	.06	4L188	**108836**	.09	4L640	**108048**	.35	5L450	**108101**	.43
3L210	**108156**	.06	4L190	**108002**	.10	4L650	**108049**	.36	5L460	**108102**	.44
3L220	**108157**	.07	4L200	**108003**	.10	4L660	**108050**	.36	5L470	**108103**	.45
3L230	**108158**	.07	4L210	**108004**	.11	4L670	**108051**	.37	5L480	**108104**	.46
3L240	**108159**	.07	4l220	**108005**	.11	4L680	**108052**	.37	5L490	**108105**	.47
3L250	**108160**	.08	4L230	**108006**	.12	4L690	**108053**	.38	5L500	**108106**	.48
3L260	**108161**	.08	4L240	**108007**	.12	4L700	**108054**	.38	5L510	**108107**	.49
3L270	**108162**	.08	4L250	**108008**	.13	4L710	**108055**	.39	5L520	**108108**	.50
3L280	**108163**	.09	4L260	**108009**	.13	4L720	**108056**	.40	5L530	**108109**	.51
3L290	**108164**	.09	4L270	**108010**	.14	4L730	**108057**	.40	5L540	**108110**	.52
3L300	**108165**	.09	4L275	**108841**	.14	4L740	**108058**	.41	5L550	**108111**	.53
3L310	**108166**	.10	4L280	**108011**	.15	4L750	**108059**	.41	5L560	**108112**	.54
3L320	**108167**	.10	4L290	**108012**	.16	4L760	**108060**	.42	5L570	**108113**	.55
3L330	**108168**	.10	4L300	**108013**	.16	4L770	**108061**	.42	5L575	**108873**	.55
3L340	**108169**	.10	4L310	**108014**	.17	4L780	**108062**	.43	5L580	**108114**	.56
3L350	**108170**	.11	4L320	**108015**	.18	4L790	**108063**	.43	5L590	**108115**	.57
3L360	**108171**	.11	4L330	**108016**	.18	4L800	**108064**	.44	5L600	**108116**	.58
3L370	**108172**	.11	4L340	**108018**	.19	4L810	**108615**	.44	5L610	**108117**	.59
3L380	**108173**	.12	4L350	**108019**	.19	4L820	**108065**	.45	5L620	**108118**	.60
3L390	**108174**	.12	4L360	**108020**	.20	4L830	**108616**	.46	5L630	**108119**	.61
3L400	**108175**	.12	4L370	**108021**	.20	4L840	**108066**	.46	5L640	**108120**	.61
3L410	**108176**	.13	4L380	**108022**	.21	4L850	**108617**	.47	5L650	**108121**	.62
3L420	**108177**	.13	4L390	**108023**	.21	5L Belts			5L660	**108122**	.63
3L430	**108178**	.13	4L400	**108024**	.22	5L230	**108625**	.21	5L670	**108123**	.64
3L440	**108179**	.14	4L410	**108025**	.23	5L240	**108080**	.20	5L680	**108124**	.65
3L450	**108180**	.14	4L420	**108026**	.23	5L250	**108081**	.20	5L690	**108125**	.66
3L460	**108181**	.14	4L430	**108027**	.24	5L260	**108082**	.20	5L700	**108126**	.67
3L470	**108182**	.15	4L440	**108028**	.24	5L265	**108070**	.21	5L710	**108127**	.68
3L480	**108183**	.15	4L450	**108029**	.25	5L270	**108083**	.21	5L720	**108128**	.69
3L490	**108184**	.15	4L460	**108030**	.25	5L280	**108084**	.22	5L730	**108129**	.70
3L500	**108185**	.15	4L470	**108031**	.26	5L290	**108085**	.23	5L740	**108130**	.71
3L510	**108186**	.16	4L480	**108032**	.26	5L300	**108086**	.24	5L750	**108131**	.72
3L520	**108187**	.16	4L490	**108033**	.27	5L310	**108087**	.24	5L760	**108132**	.73
3L530	**108188**	.16	4L500	**108034**	.27	5L320	**108088**	.25	5L770	**108133**	.74
3L540	**108189**	.17	4L510	**108035**	.28	5L330	**108089**	.26	5L780	**108134**	.75
3L550	**108190**	.17	4L520	**108036**	.29	5L340	**108090**	.27	5L790	**108826**	.76
3L560	**108191**	.17	4L530	**108037**	.29	5L350	**108091**	.28	5L800	**108135**	.77
3L570	**108192**	.18	4L540	**108038**	.30	5L360	**108092**	.28	5L810	**108827**	.78
3L580	**108193**	.18	4L550	**108039**	.30	5L365	**108872**	.29	5L820	**108136**	.79
3L590	**108194**	.18	4L560	**108040**	.31	5L370	**108093**	.29	5L830	**108328**	.80
3L600	**108195**	.19	4L570	**108041**	.31	5L380	**108094**	.37	5L840	**108137**	.81
3L610	**108196**	.19	4L580	**108042**	.32	5L390	**108095**	.37	5L850	**108629**	.82

V-Drive Accessories

V-Belt Tension Tester

This convenient tool facilitates easy checking of belt tension on drives having two or more belts. Scales are provided for reading both the required force and the distance of belt deflection which are used in properly tensioning belts. Force range is 0 - 35 lbs.

Part No. 109082
Wt. - 0.5 lb.

Precision Laser Alignment Device

Identifies common types of pulley misalignment.

Part No. 109993
Wt. - 30 lb.

Double Barrel Tension Tester

Maximum deflection force: 66 lbs. For use with all multiple V-belts and large synchronous belts.

Part No. 109991
Wt. - 0.5 lb.

NOTE: Selection program VIAVISA available at www.ptwizard.com

Five Barrel Tension Tester

Maximum deflection force: 165 lbs. For use with multiple V-belts and large synchronous belts.

Part No. 109992
Wt. - 1 lb.

Sonic Tension Meter - Model 507C

The Sonic Tension Meter is an electronic device that measures the natural frequency of a free stationary belt span and instantly computes the static belt tensions based upon the belt span length, belt width, and belt type. The Sonic Tension Meter can accurately measure belt tensions for both synchronous and V-belts. Other features include:

- Output readings can be switched between pounds, kilograms, newtons and hertz
- Auto gain control automatically adjusts meter sensitivity
- Auto frequency range filters for background noise
- Frequency range from 10 - 5,000 Hz

Sonic Tension Meter - model 507C (comes with meter)	**Part No. 109994**	Wt. - 1.0 lb.
★ Flexible sensor	**Part No. 109995**	Wt. - 0.2 lb.
Cord sensor	**Part No. 109996**	Wt. - 0.2 lb.
★ Inductive sensor (magnets included)	**Part No. 109997**	Wt. - 0.2 lb.

★ Optional accessories

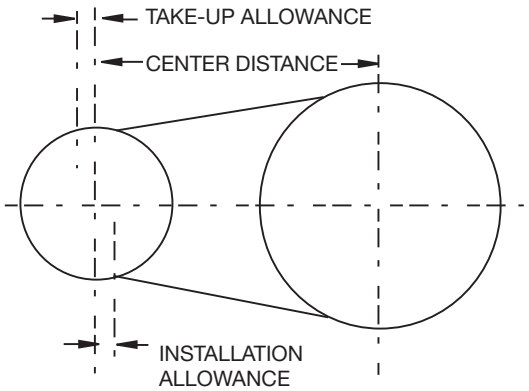
Installing/Tensioning V-Drives

Installing a Drive

Check Condition of Sheaves – Before a new set of V-belts are installed, check the condition of the sheaves. Dirty or rusty sheaves impair the drive's efficiency and abrade the belts, which result in premature failure.

Worn sheaves shorten belt life as much as 50%. If the grooves are worn to where the belt bottoms, slippage may result and burn the belts. If the sidewalls are "dished out," the bottom shoulder ruins the belts prematurely by wearing off the bottom corners.

Check Sheave Alignment – Sheave adjustment should be checked by placing a straight edge or tight cord across the sheave faces so that it touches all four points of contact. Ordinarily, a misalignment of more than one-half of one degree (one-eighth inch in one foot) will adversely affect belt life. Improper sheave alignment produces uneven wear on one side of the belt, causes the belt to roll over in the sheaves or throws all the load on one side of the belt, stretching or breaking the cords on that side.



Installation and Take-Up Allowances

After calculating a center distance from a standard pitch length, make provision for adjusting the center distance as in sketch below, to allow for installation of the belts without injury, for tensioning, and for maintenance of proper tension throughout the life of the belt. (Refer to Tables 11 or 12 for values).

Placing Belts on Sheaves – Shorten the center distance of the drive until the belts can be put on the sheaves without forcing. Forcing the belts can cause internal injury to the belts.

Belt Selection – For maximum service, replace V-belt drives with a complete new matched set of belts or use the new Matchmaker belts.

Never employ a used belt as a replacement for a unit of a set. Used belts, normally, are worn in cross-section and stretched. A new belt so applied will ride higher in the sheave, travel faster and operate at a much higher tension than the used belts. The cord center may be ruptured, allowing the new belt to elongate. Shortly after this occurs it will cease to accept its full share of the load, leaving the drive under-belted. Thus, the new belt is wasted. Belts of different manufacturers should not be mixed for the same reasons.

TABLE 11 - CENTER DISTANCE ALLOWANCE FOR NARROW BELT INSTALLATION AND TAKE-UP

Nom. Belt Lgth. in Inches	Min. Installation Allowance (in Inches) (Below Center)						Min. Take-up Allowance (Above Center)
	3V Dyna-V	3V Poly-band	5V Dyna-V	5V Poly-band	8V Dyna-V	8V Poly-band	
Up to & incl. 47.5	.05	1.2	–	–	–	–	1.0
50-71	0.8	1.4	1.0	2.1	–	–	1.2
75-106	0.8	1.4	1.0	2.1	1.5	3.4	1.5
112-125	0.8	1.4	1.0	2.1	1.5	3.4	1.8
132-170	0.8	1.4	1.0	2.1	1.5	3.4	2.2
180-200	–	–	1.0	2.1	1.8	3.6	2.5
212-236	–	–	1.2	2.4	1.8	3.6	3.0
250 & 265	–	–	1.2	2.4	1.8	3.6	3.2
280 & 300	–	–	1.2	2.4	1.8	3.6	3.5
315-355	–	–	1.2	2.4	2.0	4.0	4.0
375	–	–	–	–	2.0	4.0	4.5
400-560	–	–	–	–	2.0	4.0	5.5

Installing/Tensioning V-Drives

TABLE 12 - CENTER DISTANCE ALLOWANCE FOR CLASSICAL BELT INSTALLATION AND TAKE-UP

Nom. Belt Lgth. in Inches	Min. Installation Allowance (in Inches) (Below Center)							Min. Take-up Allowance (Above Center)
	A	B	B Polyband	C	C Polyband	D	D Polyband	
26-37	0.75	1.00	1.50	1.50	–	–	–	1.00
38-59	0.75	1.00	1.50	1.50	2.00	–	–	1.50
60-89	0.75	1.25	1.61	1.50	2.00	–	–	2.00
90-119	1.00	1.25	1.61	1.50	2.00	–	–	2.50
120-157	1.00	1.25	1.81	1.50	2.11	2.0	2.00	3.00
158-194	–	1.25	1.81	2.00	2.20	2.00	3.00	3.50
195-239	–	1.50	1.81	2.00	2.31	2.00	3.20	4.00
240-269	–	1.50	2.00	2.00	2.50	2.50	3.20	4.50
270-329	–	1.50	2.20	2.00	2.50	2.50	3.50	5.00
330-419	–	–	–	2.00	2.70	2.50	3.60	6.00
420 & Over	–	–	–	2.50	2.90	3.00	4.10	1-1/2% of belt lgth.

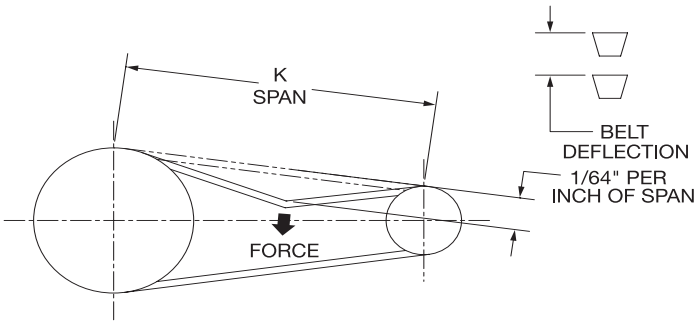
Tensioning a Drive

General Rules of Tensioning–

1. Ideal tension is the lowest tension at which the belt will not slip under peak load conditions.
2. Check tension frequently during the first 24-48 hours of run-in operation.
3. Over tensioning shortens belt and bearing life.
4. Keep belts free from foreign material which may cause slip.
5. Make V-Drive inspection on a periodic basis. Tension when slipping. Never apply belt dressing as this will damage the belt and cause early failure.

Simple Tensioning Procedure

1. Measure the span length, K.
2. At the center of the span (K) apply a force (perpendicular to the span) large enough to deflect the 1/64, for every inch of span length. For example, one deflection of a 100 inch span would be 100/64 or 1-9/16 inches.



3. Compare the force you have applied with the values given in Tables 13 or 14. If the force is between the values for normal tension, and 1-1/2 times normal tension, the drive tension should be satisfactory. A force below the value for normal tension indicates an under-tensioned drive. If the force exceeds the value for 1-1/2 times normal tension,the drive is tighter than it needs to be.

For V-Belt Tension Testers, See Page 97.

After the proper operating tension has been applied to the belts, a double-check should be made of the following:

a. Parallel position of the sheave shafts

b. Correct alignment of sheave grooves

Installing/Tensioning V-Drives

TABLE 13 - BELT DEFLECTION FORCE (CHECK FACTORY FOR CONDITIONS NOT COVERED IN THIS TABLE)

V-Belt Section	Small Sheave		Deflection Force in lbs. for Drive Speed Ratio of:			
	Speed Range	Diameter	1.0	1.5	2.0	4.0 +
A (AP)	1800-3600	3.0	2.0	2.3	2.4	2.6
	1800-3600	4.0	2.6	2.8	3.0	3.3
	1800-3600	5.0	3.0	3.3	3.4	3.7
	1800-3600	7.0	3.5	3.7	3.8	4.3
B (BP)	1200-1800	4.6	3.7	4.3	4.5	5.0
	1200-1800	5.0	4.1	4.6	4.8	5.6
	1200-1800	6.0	4.8	5.3	5.5	6.3
	1200-1800	8.0	5.7	6.2	6.4	7.2
C (CP)	900-1800	7.0	6.5	7.0	8.0	9.0
	900-1800	9.0	8.0	9.0	10.0	11.0
	900-1800	12.0	10.0	11.0	12.0	13.0
	700-1500	16.0	12.0	13.0	13.0	14.0
D (DP)	900-1500	12.0	13.0	15.0	16.0	17.0
	900-1500	15.0	16.0	18.0	19.0	21.0
	700-1200	18.0	19.0	21.0	22.0	24.0
	700-1200	22.0	22.0	23.0	24.0	26.0
AX	1800-3600	3.0	2.5	2.8	3.0	3.3
	1800-3600	4.0	3.3	3.6	3.8	4.2
	1800-3600	5.0	3.7	4.1	4.3	4.6
	1800-3600	7.0	4.3	4.6	4.8	5.3
BX	1200-1800	4.6	5.2	5.8	6.0	6.9
	1200-1800	5.0	5.4	6.0	6.3	7.1
	1200-1800	6.0	6.0	6.4	6.7	7.7
	1200-1800	8.0	6.6	7.1	7.5	8.2
CX	900-1800	7.0	10.0	11.0	12.0	13.0
	900-1800	9.0	11.0	12.0	13.0	14.0
	900-1800	12.0	12.0	13.0	13.0	14.0
	700-1500	16.0	13.0	14.0	14.0	15.0
DX	900-1500	12.0	16.0	18.0	19.0	20.0
	900-1500	15.0	19.0	21.0	22.0	24.0
	700-1200	18.0	22.0	24.0	25.0	27.0
	700-1200	22.0	25.0	27.0	28.0	30.0

V-Belt Section	Small Sheave		Deflection Force in lbs. for Drive Speed Ratio of:			
	Speed Range	Diameter	1.0	1.5	2.0	4.0+
3VX	1200–3600	2.2	2.2	2.5	2.7	3.0
	1200–3600	2.5	2.6	2.9	3.1	3.6
	1200–3600	3.0	3.1	3.5	3.7	4.2
	1200–3600	4.1	3.9	4.3	4.5	5.1
	1200–3600	5.3	4.6	4.9	5.1	5.7
	1200–3600	6.9	5.0	5.4	5.6	6.2
5VX	1200–3600	4.4	6.5	7.5	8.0	9.0
	1200–3600	5.2	8.0	9.0	9.5	10.0
	1200–3600	6.3	9.5	10.0	11.0	12.0
	1200–3600	7.1	10.0	11.0	12.0	13.0
	900–1800	9.0	12.0	13.0	14.0	15.0
	900–1800	14	14.0	15.0	16.0	17.0
8VX	900–1800	12.5	18.0	21.0	23.0	25.0
	900–1800	14.0	21.0	23.0	24.0	28.0
	700–1500	17.0	24.0	26.0	28.0	30.0
	700–1500	21.2	28.0	30.0	32.0	34.0
	400–1000	24.8	31.0	32.0	34.0	36.0
5V	900–1800	7.1	8.5	9.5	10.0	11.0
	900–1800	9.0	10.0	11.0	12.0	13.0
	900–1800	14	12.0	13.0	14.0	15.0
	700–1200	21.2	14.0	15.0	16.0	17.0
8V	900–1800	12.5	18.0	21.0	23.0	25.0
	900–1800	14.0	21.0	23.0	24.0	28.0
	700–1500	17.0	24.0	26.0	28.0	30.0
	700–1200	21.2	28.0	30.0	32.0	34.0
	400–1000	24.8	31.0	32.0	–	36.0

Notes: 1. Use approximately 130% of above values to tension a new set of belts.
2. Use closest sheave diameter for sizes not shown.

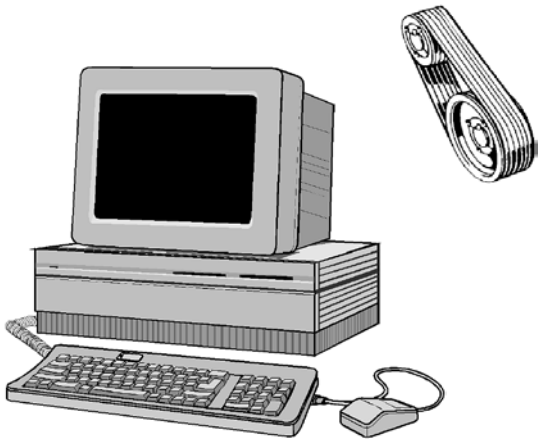
Installing/Tensioning V-Drives

TABLE 14 - POLYBAND PLUS BELT DEFLECTION FORCE (LBS.) (FORCE IS POUNDS FOR ONE BELT ONLY)

Cross Section	Small Sheave Diameter Range	RPM Range	Belt Deflection Force*	
			Normal	New Belt
5VF	7.1-10.9	200-700	21.1	30.9
		701-1250	18.0	26.3
		1251-1900	16.7	23.4
		1901-3000	15.8	23.0
5VF	11.8-16.0	200-700	26.8	39.5
		701-1250	23.5	34.7
		1251-2100	22.7	33.3
8VF	12.5-20.0	200-500	44.7	65.8
		501-850	38.5	56.6
		851-1150	35.2	51.6
		1151-1650	33.5	49.0
8VF	21.2-25.0	200-500	65.9	97.6
		501-850	61.2	90.6
		851-1200	57.0	84.3

* Multiply the force required for one belt by the number of belts in the Polyband Plus unit to get total force to apply.
Example: New 8VF drive with a small sheave dia. equal to 20 in.
The RPM of the sheave is 1000.
The belt to be installed is 8/8VF4000.
Total deflection force = table value x 8 = 51.6 x 8 = 413 lbs.

Computer Drive Selection Program



Ask your Baldor Sales Engineer for a demonstration and instruction on how you can obtain your personal VIAVISA package.

NOTE: Selection program VIAVISA available at www.ptwizard.com.

For any given set of drive conditions, there are many different drives that will satisfy the requirements. What is a “best drive”? It could be the drive with lowest initial cost, or the drive with the lowest bearing load, or the drive which minimizes the number of parts required.

Belt Pull and Bearing Loads

Belt Pull Calculations–The following method of calculating belt pull is found to be the most convenient and accurate for drives operating at design loads and tensions:

$$T1 + T2 = 33{,}000\ (2.5\text{-}G)\ \frac{(HP)}{GV}$$

WHERE:
T1 = Tight side tension, pounds
T2 = Slack side tension, pounds
HP = Design horsepower
V = Belt speed, feet per minute = (PD) (RPM) (.262)
G = Arc of contact correction factor

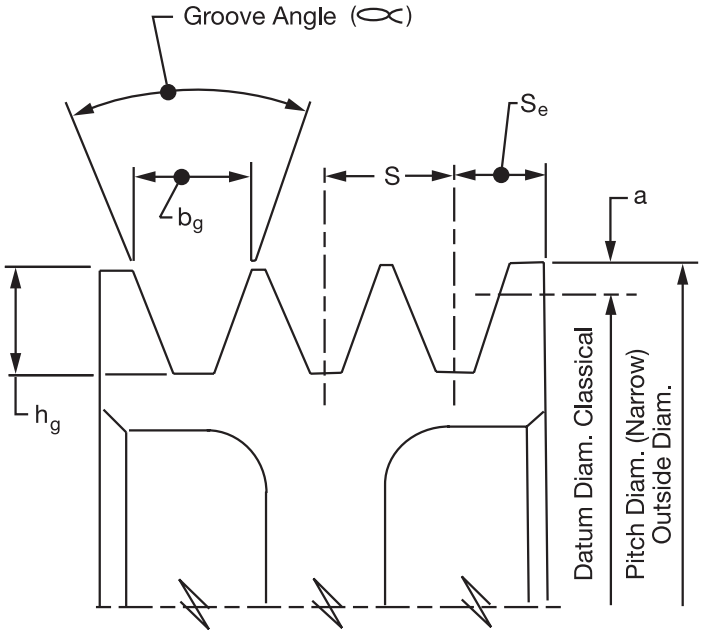
D-d / C	Arc of Contact	Factor G	D-d / C	Arc of Contact	Factor G
.00	180°	1.00	.80	133°	.87
.10	174°	.99	.90	127°	.85
.20	169°	.97	1.00	120°	.82
.30	163°	.96	1.10	113°	.80
.40	157°	.94	1.20	106°	.77
.50	151°	.93	1.30	99°	.73
.60	145°	.91	1.40	91°	.70
.70	139°	.89	1.50	83°	.65

Arc of contact is on small sheave
D = Diam. of large sheave
d = Dia. of small sheave
C = Center distance

Finding the best drive is a time-consuming and frustrating task for the design engineer. Manual drive selection, pricing, and organizing of data for analysis can be a long, drawn-out process, prone to errors and oversights. VIAVISA Software handles such problems with ease and displays drive selection alternatives in an organized format that makes analysis a simple process. Here’s what you get with VIAVISA Software selection:

- Belt size, type, quantity, part number
- Sheave sizes, part number
- Bushing type, part number
- Drive face width
- Actual center distance
- Installation force/deflection values for drive tensioning
- Belt pull, dynamic shaft load for bearing and shafting calculations
- Net price (if discount multipliers entered). Default to total list price.
- Belt speed in feet per minute
- Calculated driven RPM
- Calculated actual service factor

V-Belt Sheave Groove Dimensions



NARROW

Belt Section	Outside Diameter Range	∝∝ ± 0.25	bg ± .005	hg Min.	a	S ± .015	Se	
3VX, 3V	Less than 3.50	36°	.350	0.340	0.025	0.406	0.344	+.094 -.000
	3.50 to 6.00	38°						
	6.01 to 12.00	40°						
	Over 12.00	42°						
5VX, 5V	Less than 10.00	38°	.600	0.590	0.050	0.688	0.500	+.125 -.000
	10.00 to 16.00	40°						
	Over 16.00	42°						
8VX, 8V	Less than 16.00	38°	1.000	0.990	0.100	1.125	0.750	+.250 -.000
	16.00 to 22.40	40°						
	Over 22.40	42°						

CLASSICAL

Belt Section	Pitch Diameter Min. Recom.	Pitch Diameter Range	m + 0.33	bg		hg Min.	2a ref *	S ± .025	Se	
AX, A	3.0	2.6 to 5.4	34°	.494	±.005	.460	.125	.625	.375	+.090
		Over 5.4	38°	.504						-.062
BX, B	5.4	4.6 to 7.0	34°	.637	±.006	.550	.175	.750	.500	+.120
		Over 7.0	38°	.650						-.065
A, B AX, BX	–	To 7.0	34°	.612	±.006	.612	A (.634/.602)	.750	.500	+.120
		Over 7.0	38°	.625			B (.333/.334)			-.065
CX, C	9.0	7.0 to 7.99	34°	.879	±.007	.750	.200	1.000	.688	+.160
		8.0 to 12.0	36°	.887						-.070
		Over 12.0	38°	.895						–
DX,D	13.0	12.0 to 12.9 . . .	34°	1.259	±.008	1.020	.300	1.438	.875	+.220 -.080
		13.0 to 17.0 . . .	36°	1.271						
		Over 17.0	38°	1.283						
E	21.0	18.0 to 24.0 . . .	36°	1.527	±.010	1.300	.400	1.750	1.125	+.250
		Over 24.0	38°	1.542						-.000

Note: For complete manufacturing tolerances – see RMA, MPTA, Narrow/Classical V-belt Standards.
* Datum diameter, not pitch diameter.

More Power and Life From V-Drives

Trouble Area And Observation	Cause	Remedy
BELT STRETCH BEYOND TAKE-UP		
Belt stretch unequally.	Mis-aligned drive, unequal work done by belts.	Realign and re-tension drive.
All belts stretch about equally.	Belt tensile member broken from improper installation. Insufficient take-up allowance.	Replace all belts with new matched set properly installed. Check take-up and follow allowance on page 99 Table 12.
	Greatly overloaded or underdesigned drive.	Redesign.
SHORT BELT LIFE		
Relatively rapid failure; no visible reason.	Tensile members damaged through improper installation. Worn sheave grooves (check with groove gauge).	Replace with all new matched set, properly installed. Replace sheaves.
	Under-designed drive.	Redesign.
Sidewalls soft and sticky. Low adhesion between cover plies. Cross-section swollen.	Oil or grease on belts or sheaves.	Remove source of oil or grease. Clean belts and grooves with cloth moistened with alcohol.
Sidewalls dry and hard. Low adhesion between cover plies. Bottom belt cracked.	High temperatures.	Remove source of heat. Ventilate drive better.
BELT TURN OVER	Excess lateral belt whip.	Use Banded belt.
	Foreign material in grooves.	Remove material–shield drive.
	Mis-aligned sheaves.	Realign the drive.
	Worn sheave grooves (check with groove gauge).	Replace sheave.
	Tensile member broken through improper installation.	Replace with new matched set properly installed.
	Incorrectly placed flat idler pulley.	Carefully align flat idler on slack side of drive as close as possible to driver sheave.
DETERIORATION OF RUBBER COMPOUNDS USED IN BELT	Belt dressing.	Never use dressing on V-belts. Clean with cloth moistened with alcohol. Tension drive properly to prevent slip.
Extreme cover wear.	Belts rub against belt guard or other obstruction.	Remove obstruction or align drive to give needed clearance.
Spin burns on belt.	Belts slip under starting or stalling load.	Tighten drive until slipping stops.
Bottom of belt cracked.	Too small sheaves.	Redesign for larger sheaves.
Broken belts.	Object falling into or hitting drive.	Replace with new matched set of belts. Provide shield for drive.
IMPROPER DRIVEN SPEED		
Incorrect driveR-driveN ratio.	Design error.	Use correct sheave sizes.
Spin burns on belt.	Belt slip.	Re-tension drive until belt stops slipping.
BELT NOISE	Belt slip.	Re-tension drive until it stops slipping.
HOT BEARINGS		
Drive over-tensioned.	Worn grooves-belts bottoming and will not transmit power until over-tensioned.	Replace sheaves. Tension drive properly.
	Improper tensioning.	Re-tension drive.
Sheaves too small.	Motor manufacturers sheave diameters not followed.	Redesign drive.
Poor bearing condition.	Underdesigned bearing or poor bearing maintenance.	Observe recommended bearing design and maintenance.
Sheaves out too far on shaft.	Error or obstruction problem.	Place sheaves as close as possible to bearings. Remove any obstruction preventing this.
Drive under-tensioned.	Belts slipping and causing heat build-up.	Re-tension drive.

FEATURES/BENEFITS

BALDOR · DODGE®

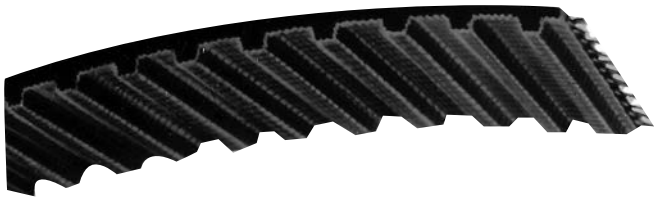
Dyna-Sync® Drives

Dyna-Sync Pulley

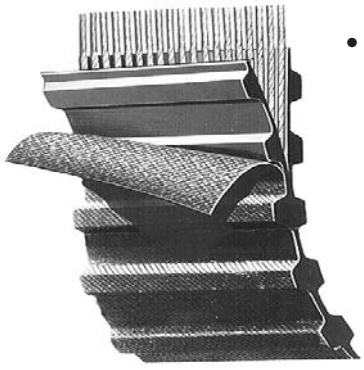
- Clean, compact taper-lock design
- Easy-on/easy-off
- Precision manufactured in ISO9000 certified plant
- Flanged design standard on driver sizes

The Original Timing Drive

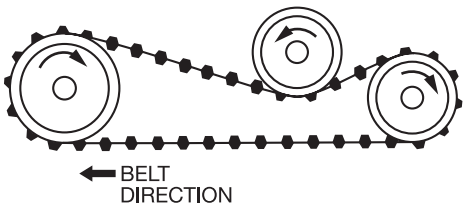
- Synchronized no-slip transmission
- No lubrication required
- Efficiency: approximately 98%
- Low maintenance
- Virtually no backlash
- Constant linear velocity
- Drive ratios to 8.5:1
- Pitches: XL, L, H, and XH



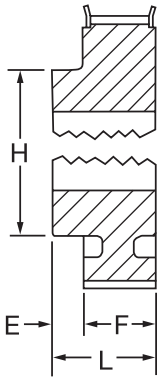
- Tough, tensile cords, no-stretch fiberglass
- Durable neoprene rubber body
- Long-wearing nylon duck facing
- Oil, heat, and ozone resistant

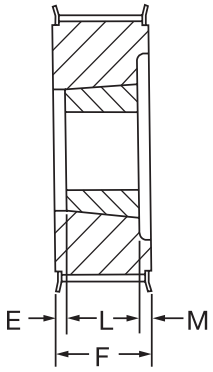


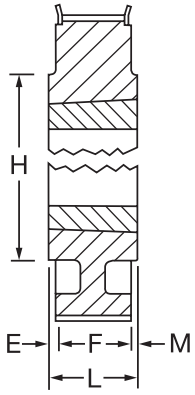
- Dual-sided teeth available for serpentine drives



Dyna-Sync® Pulleys - XH







XH200 - 7/8 IN. PITCH (2 IN. WIDE BELT) F=2.56 IN.

No. of Teeth	Description	Part Number	Approx. Weight	Pitch Dia. (PD)	Flg. O.D.	Type †	Bore Range		Dimension			
							Min.	Max.	E	H	L	M
18	TL18XH200-2012	**113074**	12	5.013	5.58	KF-1	1/2	2-1/8	.84	–	1.25	.47
20	TL20XH200-2012	**113120**	16	5.570	6.11	KF-1	1/2	2-1/8	.84	–	1.25	.47
22	TL22XH200-2517	**113804**	10.6	6.127	6.59	KF-1	1/2	2-11/16	.81	–	1.75	0
24	TL24XH200-3020	**113807**	11.3	6.685	7.28	KF-1	7/8	3-1/4	.56	–	2.0	0
26	TL26XH200-3020	**113810**	13.3	7.241	7.78	KF-1	7/8	3-1/4	.56	–	2.0	0
28	TL28XH200-3535	**113813**	13.5	7.799	8.27	CF-1	1-3/16	3-15/16	.94	6.50	3.5	0
30	TL30XH200-3535	**113816**	18.5	8.356	9.31	CF-1	1-3/16	3-15/16	.94	6.50	3.5	0
32	TL32XH200-3535	**113819**	21.5	8.913	9.52	CF-1	1-3/16	3-15/16	.94	6.50	3.5	0
40	TL40XH200-4040	**113822**	37.5	11.141	11.80	CF-1	1-7/16	4-7/16	1.44	8.50	4.0	0
48	TL48XH200-4040	**113823**	44.5	13.369	None	C-2	1-7/16	4-7/16	.72	8.50	4.0	.72
60	TL60XH200-4040	**113824**	47	16.711		C-3	1-7/16	4-7/16	.72	8.50	4.0	.72

XH300 - 7/8 IN. PITCH (3 IN. WIDE BELT) F=3.63 IN.

No. of Teeth	Description	Part Number	Approx. Weight	Pitch Dia. (PD)	Flg. O.D.	Type †	Bore Range		Dimension			
							Min.	Max.	E	H	L	M
18	TL18XH300-2012	**113121**	15	5.013	5.58	KF-1	1/2	2-1/8	1.38	–	1.25	1.0
20	TL20XH300-2012	**113122**	19	5.570	6.11	KF-1	1/2	2-1/8	1.38	–	1.25	1.0
22	TL22XH300-2517	**113854**	13.6	6.127	6.59	KF-1	1/2	2-11/16	.94	–	1.75	.94
24	TL24XH300-3020	**113857**	15.3	6.685	7.28	KF-1	7/8	3-1/4	.81	–	2.0	.81
26	TL26XH300-3020	**113860**	17.3	7.241	7.78	KF-1	7/8	3-1/4	.81	–	2.0	.81
28	TL28XH300-3535	**113863**	17.3	7.799	8.27	KF-1	1-3/16	3-15/16	.13	–	3.5	–
30	TL30XH300-3535	**113866**	22.5	8.356	9.31	KF-1	1-3/16	3-15/16	.13	–	3.5	–
32	TL32XH300-3535	**113869**	26.5	8.913	9.52	KF-1	1-3/16	3-15/16	.13	–	3.5	–
40	TL40XH300-4040	**113872**	43.5	11.141	11.80	CF-1	1-7/16	4-7/16	.38	7.50	4.0	–
48	TL48XH300-4040	**113873**	51.5	13.369	None	C-1	1-7/16	4-7/16	.19	8.50	4.0	.19
60	TL60XH300-4040	**113874**	55.5	16.711		C-3	1-7/16	4-7/16	.19	8.50	4.0	.19

† Dash 1 = Block, 2 = Web, 3 = Arm. (See page 64)
V-Drives Section) Letter "F" indicates pulley is flanged.

XXH Pulley Note: Discontinued Product. Recommend that drive be redesigned to QD HTD Sprocket. Refer to QD HTD Sprocket section of this catalog.

SPECIFICATION

BALDOR · DODGE

Dyna-Sync® Pulleys - Reborable
MINIMUM PLAIN BORE

L050 - 3/8 IN. PITCH (.5 IN. WIDE BELT) - MINIMUM PLAIN BORE — **F = 0.75 IN.**

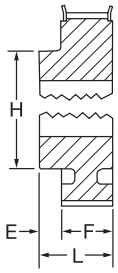
No. of Teeth	Description	Part Number	Approx. Weight	Pitch Dia. (PD)	Flg. O.D.	Type	Stock Bore	Max Bore	Dimension		
									H	L	E
10	10L050-MPB	**113450**	.26	1.194	1.44	DF-1	3/8	1/2	.81	1.25	.50
12	12L050-MPB	**113451**	.38	1.432	1.66	DF-1	3/8	3/4	1.00	1.25	.50
13	13L050-MPB	**114441**	.50	1.552	1.78	DF-1	3/8	3/4	1.13	1.25	.50
14	14L050-MPB	**113452**	.55	1.671	1.91	DF-1	3/8	3/4	1.13	1.25	.50
15	15L050-MPB	**114442**	.66	2.030	2.03	DF-1	1/2	7/8	1.34	1.25	.50
16	16L050-MPB	**113453**	.69	1.790	2.13	DF-1	1/2	1	1.44	1.25	.50
17	17L050-MPB	**114301**	.84	1.910	2.25	DF-1	1/2	1	1.44	1.25	.50
18	18L050-MPB	**114302**	.87	2.149	2.38	DF-1	1/2	1	1.56	1.25	.50
19	19L050-MPB	**114303**	1.11	2.268	2.50	DF-1	1/2	1	1.69	1.25	.50
20	20L050-MPB	**114304**	1.20	2.378	2.63	DF-1	1/2	1	1.69	1.25	.50
21	21L050-MPB	**114305**	1.41	2.507	2.75	DF-1	1/2	1-1/4	2.00	1.25	.50
22	22L050-MPB	**114306**	1.50	2.626	2.88	DF-1	1/2	1-1/4	2.00	1.25	.50
24	24L050-MPB	**114307**	1.80	2.865	3.09	DF-1	1/2	1-3/8	2.25	1.25	.50
26	26L050-MPB	**114308**	2.07	3.104	3.33	DF-1	1/2	1-3/8	2.25	1.25	.50
28	28L050-MPB	**114309**	2.33	3.342	3.57	DF-1	1/2	1-3/8	2.25	1.25	.50
30	30L050-MPB	**114310**	2.58	3.581	3.80	DF-1	1/2	1-3/8	2.25	1.25	.50
32	32L050-MPB	**114311**	3.13	3.820	4.04	DF-1	1/2	1-5/8	2.63	1.25	.50
36	36L050-MPB	**114443**	4.39	4.297	4.52	DF-1	1/2	2-5/16	3.50	1.25	.50
40	40L050-MPB	**114444**	5.16	4.775	5.00	DF-1	1/2	2-3/8	3.63	1.25	.50
L075 - 3/8 IN. PITCH (.75 IN. WIDE BELT) - MINIMUM PLAIN BORE											**F = 1.00 IN.**
12	12L075-MPB	**113500**	.46	1.432	1.66	DF-1	3/8	1/2	1.00	1.50	.50
13	13L075-MPB	**114445**	.62	1.552	1.78	DF-1	3/8	3/4	1.13	1.50	.50
14	14L075-MPB	**113501**	.69	1.671	1.91	DF-1	3/8	3/4	1.13	1.50	.50
15	15L075-MPB	**114446**	.81	1.790	2.03	DF-1	1/2	7/8	1.34	1.50	.50
16	16L075-MPB	**113502**	.84	1.910	2.13	DF-1	1/2	1	1.44	1.50	.50
17	17L075-MPB	**114312**	1.03	2.029	2.25	DF-1	1/2	1	1.44	1.50	.50
18	18L075-MPB	**114313**	1.17	2.149	2.38	DF-1	1/2	1	1.56	1.50	.50
19	19L075-MPB	**114314**	1.32	2.268	2.50	DF-1	1/2	1	1.69	1.50	.50
20	20L075-MPB	**114315**	1.44	2.387	2.63	DF-1	1/2	1-1/4	1.69	1.50	.50
21	21L075-MPB	**114316**	1.68	2.507	2.75	DF-1	5/8	1-1/4	2.00	1.50	.50
22	22L075-MPB	**114317**	1.79	2.626	2.88	DF-1	5/8	1-3/8	2.00	1.50	.50
24	24L075-MPB	**114318**	2.22	2.865	3.09	DF-1	5/8	1-3/8	2.25	1.50	.50
26	26L075-MPB	**114319**	2.48	3.104	3.33	DF-1	5/8	1-3/8	2.25	1.50	.50
28	28L075-MPB	**114320**	2.84	3.342	3.57	DF-1	5/8	1-3/8	2.25	1.50	.50
30	30L075-MPB	**114321**	3.24	3.581	3.80	DF-1	5/8	1-3/8	2.25	1.50	.50
32	32L075-MPB	**114322**	3.77	3.820	4.04	DF-1	5/8	1-5/8	2.63	1.50	.50
36	36L075-MPB	**114447**	5.33	4.297	4.52	DF-1	5/8	2-5/16	3.50	1.50	.50
40	40L075-MPB	**114448**	6.31	4.775	5.00	DF-1	5/8	2-3/8	3.63	1.50	.50
L100 - 3/8 IN. PITCH (1 IN. WIDE BELT) - MINIMUM PLAIN BORE											**F = 1.25 IN.**
13	13L100- MPB	**114449**	.72	1.552	1.78	DF-1	3/8	3/4	1.13	1.75	.50
14	14L100- MPB	**113550**	.82	1.671	1.91	DF-1	3/8	3/4	1.13	1.75	.50
15	15L100- MPB	**114450**	.96	1.790	2.03	DF-1	1/2	7/8	1.34	1.75	.50
16	16L100- MPB	**113551**	.98	1.910	2.13	DF-1	1/2	1	1.44	1.75	.50
17	17L100- MPB	**114323**	1.23	2.029	2.25	DF-1	1/2	1	1.44	1.75	.50
18	18L100- MPB	**114324**	1.38	2.149	2.38	DF-1	1/2	1	1.56	1.75	.50
19	19L100- MPB	**114325**	1.56	2.268	2.50	DF-1	1/2	1	1.69	1.75	.50
20	20L100- MPB	**114326**	1.71	2.387	2.63	DF-1	1/2	1	1.69	1.75	.50
21	21L100- MPB	**114327**	1.97	2.507	2.75	DF-1	5/8	1-1/4	2.00	1.75	.50
22	22L100- MPB	**114328**	2.13	2.626	2.88	DF-1	5/8	1-1/4	2.00	1.75	.50
24	24L100- MPB	**114329**	2.60	2.865	3.09	DF-1	5/8	1-3/8	2.25	1.75	.50
26	26L100- MPB	**114330**	3.12	3.104	3.33	DF-1	5/8	1-5/8	2.44	1.75	.50
28	28L100- MPB	**114331**	3.65	3.342	3.57	DF-1	5/8	1-3/4	2.69	1.75	.50
30	30L100- MPB	**114332**	4.19	3.581	3.80	DF-1	5/8	1-7/8	2.81	1.75	.50
32	32L100- MPB	**114333**	4.86	3.820	4.04	DF-1	5/8	2	3.13	1.75	.50
36	36L100- MPB	**114451**	6.24	4.297	4.52	DF-1	5/8	2-5/16	3.50	1.75	.50
40	40L100- MPB	**114452**	7.52	4.775	5.00	DF-1	5/8	2-5/16	3.63	1.75	.50

Note: Available from stock in Min. Plain Bore (MPB) only.
Max. bore is without keyway. (If keyway is used, reduce max. bore by twice the keyway depth.)

Dyna-Sync® Pulleys - Reborable

MINIMUM PLAIN BORE

TYPE DF



TYPE D

H100 - 1/2 IN. PITCH (1 IN. WIDE BELT) - MINIMUM PLAIN BORE — F = 1.25 IN.

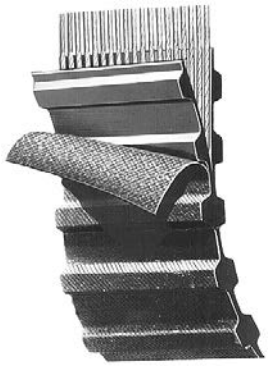
No. of Teeth	Description	Part Number	Approx. Weight	Pitch Dia. (PD)	Flg. O.D.	Type	Stock Bore	Max Bore	Dimension		
									H	L	E
14	14H100-MPB	**114334**	1.48	2.228	2.46	DF-1	5/8	7/8	1.63	1.88	.63
16	16H100-MPB	**114335**	2.12	2.546	2.78	DF-1	5/8	1-1/8	1.88	2.00	.75
17	17H100-MPB	**114453**	2.42	2.706	2.94	DF-1	5/8	1-1/4	2.00	2.00	.75
18	18H100-MPB	**114336**	2.86	2.865	3.10	DF-1	5/8	1-3/8	2.25	2.00	.75
19	19H100-MPB	**114337**	3.21	3.024	3.26	DF-1	5/8	1-1/2	2.38	2.00	.75
20	20H100-MPB	**114338**	3.68	3.183	3.42	DF-1	5/8	1-5/8	2.50	2.13	.88
21	21H100-MPB	**114339**	4.08	3.342	3.57	DF-1	3/4	1-11/16	2.63	2.13	.88
22	22H100-MPB	**114340**	4.67	3.501	3.74	DF-1	3/4	1-3/4	2.75	2.25	1.00
24	24H100-MPB	**114341**	5.60	3.820	4.05	DF-1	3/4	1-7/8	3.00	2.25	1.00
26	26H100-MPB	**114342**	7.16	4.138	4.37	DF-1	3/4	2-1/4	3.38	2.38	1.13
28	28H100-MPB	**114343**	8.15	4.456	4.69	DF-1	3/4	2-5/16	3.50	2.38	1.13
30	30H100-MPB	**114454**	9.15	4.775	5.01	DF-1	3/4	2-3/8	3.63	2.38	1.13
H150 - 1/2 IN. PITCH (1.5 IN. WIDE BELT) - MINIMUM PLAIN BORE											**F = 1.75 IN.**
14	14H150-MPB	**114344**	1.85	2.228	2.46	DF-1	3/4	7/8	1.63	2.38	.63
16	16H150-MPB	**114345**	2.63	2.546	2.78	DF-1	3/4	1-1/8	1.88	2.50	.75
17	17H150-MPB	**114455**	3.06	2.706	2.94	DF-1	3/4	1-1/4	2.00	2.50	.75
18	18H150-MPB	**114346**	3.55	2.865	3.10	DF-1	3/4	1-3/8	2.25	2.50	.75
19	19H150-MPB	**114347**	4.01	3.024	3.26	DF-1	3/4	1-1/2	2.38	2.50	.75
20	20H150-MPB	**114348**	4.62	3.183	3.42	DF-1	3/4	1-5/8	2.50	2.63	.88
21	21H150-MPB	**114349**	5.15	3.342	3.57	DF-1	3/4	1-11/16	2.63	2.63	.88
22	22H150-MPB	**114350**	5.89	3.501	3.74	DF-1	3/4	1-3/4	2.75	2.75	1.00
24	24H150-MPB	**114351**	7.09	3.820	4.05	DF-1	3/4	1-7/8	3.00	2.75	1.00
26	26H150-MPB	**114352**	8.62	4.138	4.37	DF-1	3/4	2-1/4	3.38	2.75	1.00
28	28H150-MPB	**114353**	10.09	4.456	4.69	DF-1	3/4	2-5/16	3.50	2.88	1.13
30	30H150-MPB	**114456**	11.52	4.775	5.01	DF-1	3/4	2-3/8	3.63	2.88	1.13
H200 - 1/2 IN. PITCH (2 IN. WIDE BELT) - MINIMUM PLAIN BORE											**F = 2.28 IN.**
14	14H200-MPB	**114354**	2.35	2.228	2.44	DF-1	3/4	7/8	1.63	2.91	.63
16	16H200-MPB	**114355**	3.29	2.546	2.88	DF-1	3/4	1-1/8	1.88	3.03	.75
17	17H200-MPB	**114457**	3.77	2.706	3.00	DF-1	3/4	1-1/4	2.00	3.03	.75
18	18H200-MPB	**114356**	3.90	2.865	3.13	DF-1	3/4	1-3/8	2.25	3.03	.75
19	19H200-MPB	**114357**	3.90	3.024	3.38	DF-1	3/4	1-1/2	2.38	3.03	.75
20	20H200- MPB	**114358**	5.34	3.183	3.38	DF-1	3/4	1-5/8	2.50	3.16	.88
21	21H200-MPB	**114359**	6.10	3.342	3.63	DF-1	1	1-11/16	2.63	3.16	.88
22	22H200-MPB	**114360**	6.30	3.501	3.81	DF-1	1	1-3/4	2.75	3.28	1.00
24	24H200-MPB	**114361**	8.35	3.820	4.06	DF-1	1	1-7/8	3.00	3.28	1.00
26	26H200-MPB	**114362**	10.44	4.138	4.38	DF-1	1	2-1/4	3.38	3.41	1.13
28	28H200-MPB	**114363**	12.01	4.456	4.69	DF-1	1	2-5/16	3.50	4.44	2.16
30	30H200-MPB	**114458**	13.80	4.775	5.00	DF-1	1	2-3/8	3.63	4.44	2.16
H300 - 1/2 IN. PITCH (3 IN. WIDE BELT) - MINIMUM PLAIN BORE											**F = 3.31 IN.**
16	16H300-MPB	**114364**	4.54	2.546	2.88	DF-1	3/4	1-1/8	1.88	4.06	.75
17	17H300-MPB	**114459**	5.23	2.706	3.00	DF-1	3/4	1-1/4	2.00	4.06	.75
18	18H300-MPB	**114365**	6.00	2.865	3.13	DF-1	3/4	1-3/8	2.25	4.06	.75
19	19H300-MPB	**114366**	6.80	3.024	3.38	DF-1	3/4	1-1/2	2.35	4.06	.75
20	20H300-MPB	**114367**	7.69	3.183	3.38	DF-1	3/4	1-5/8	2.50	4.19	.88
21	21H300-MPB	**114368**	8.59	3.342	3.63	DF-1	1	1-11/16	2.66	4.19	.88
22	22H300-MPB	**114369**	9.00	3.501	3.81	DF-1	1	1-3/4	2.75	4.31	1.00
24	24H300-MPB	**114370**	11.01	3.820	4.06	DF-1	1-1/8	1-7/8	3.00	4.31	1.00
26	26H300-MPB	**114371**	13.60	4.138	4.38	DF-1	1-1/8	2-1/4	3.38	4.44	1.13
28	28H300-MPB	**114372**	15.60	4.456	4.69	DF-1	1-1/8	2-5/16	3.50	4.44	1.13
30	30H300-MPB	**114460**	18.11	4.775	5.00	DF-1	1-1/8	2-3/8	3.63	4.44	1.13

Note: Available from stock in Min. Plain Bore (MPB) only.
Max. bore is without keyway. (If keyway is used, reduce max. bore by twice the keyway depth.)

SPECIFICATION

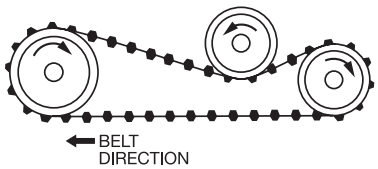
BALDOR · DODGE®

Dual Dyna-Sync® Belts

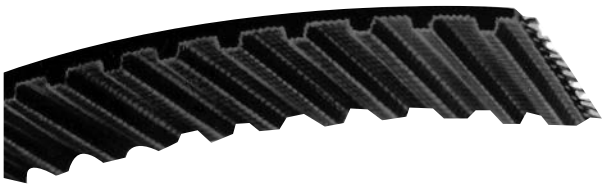


For Serpentine Drives

DXL Series Dual Dyna-Sync Belts					DL Series Dual Dyna-Sync Belts						
1/5 in. Pitch (XL)					3/8 in. Pitch (L)						
Belt Lgth.	XL025 (1/4 in. Wide)		XL037 (3/8 in. Wide)		Belt Lgth.	L050 (1/2 in. Wide)		L075 (3/4 in. Wide)		L100 (1 in. Wide)	
	Belt No.	Part No.	Belt No.	Part No.		Belt No.	Part No.	Belt No.	Part No.	Belt No.	Part No.
12.0	D120XL025	**110132**	D120XL037	**110133**	15.0	D150L050	**110187**	D150L075	**110158**	D150L100	**110189**
13.0	D130XL025	**110134**	D130XL037	**110135**	18.7	D187L050	**110190**	D187L075	**110191**	D187L100	**110192**
14.0	D140XL025	**110136**	D140XL037	**110137**	21.0	D210L050	**110193**	D210L075	**110194**	D210L100	**110195**
15.0	D150XL025	**110138**	D150XL037	**110139**	22.5	D225L050	**110196**	D225L075	**110197**	D255L100	**110198**
16.0	D160XL025	**110140**	D160XL037	**110141**	24.0	D240L050	**110199**	D240L075	**110200**	D240L100	**110201**
17.0	D170XL025	**110142**	D170XL037	**110143**	25.5	D255L050	**110202**	D255L075	**110203**	D255L100	**110204**
18.0	D180XL025	**110144**	D180XL037	**110145**	27.0	D270L050	**110205**	D270L075	**110206**	D270L100	**110207**
19.0	D190XL025	**110146**	D190XL037	**110147**	28.5	D285L050	**110208**	D285L075	**110209**	D285L100	**110210**
20.0	D200XL025	**110148**	D200XL037	**110149**	30.0	D300L050	**110211**	D300L075	**110212**	D300L100	**110213**
21.0	D210XL025	**110150**	D210XL037	**110151**	32.2	D322L050	**110214**	D322L075	**110215**	D322L100	**110216**
22.0	D220XL025	**110152**	D220XL037	**110153**	34.5	D345L050	**110217**	D345L075	**110218**	D345L100	**110219**
23.0	D230XL025	**110155**	D230XL037	**110155**	36.7	D367L050	**110220**	D367L075	**110221**	D367L100	**110222**
24.0	D240XL025	**110156**	D240XL037	**110157**	39.0	D390L050	**110223**	D390L075	**110224**	D390L100	**110225**
25.0	D250XL025	**110158**	D250XL037	**110159**	42.0	D420L050	**110226**	D420L075	**110227**	D420L100	**110228**
26.0	D260XL025	**110160**	D260XL037	**110161**	45.0	D450L050	**110229**	D450L075	**110230**	D450L100	**110231**
28.0	D280XL025	**110162**	D280XL037	**110163**	48.0	D480L050	**110232**	D460L075	**110233**	D480L100	**110234**
29.0	D290XL025	**110164**	D290XL037	**110165**	51.0	D510L050	**110235**	D510L075	**110236**	D510L100	**110237**
30.0	D300XL025	**110166**	D300XL037	**110167**	54.0	D540L050	**110238**	D540L075	**110239**	D540L100	**110240**
31.0	D310XL025	**110168**	D310XL037	**110169**	60.0	D600L050	**110241**	D600L075	**110242**	D600L100	**110243**
33.0	D330XL025	**110170**	D330XL037	**110171**	66.0	D660L050	**110244**	D660L075	**110245**	D660L100	**110246**
	Avg. Wt. .03 lb.		Avg. Wt. 0.5 lb.			Avg. Wt. .14 lb.		Avg. Wt. .21 lb.		Avg. Wt. .26 lb.	



Dyna-Sync® - Belts



XL SERIES DYNA-SYNC BELTS

1/5 in. Pitch (XL)						
Belt Length	XL025 (1/4 in. Wide) Belt No.	Part No.	Wt.	XL037 (3/8 in. Wide) Belt No.	Part No.	Wt.
6.0	60XL025	**465335**	–	60XL037	**464521**	–
7.0	70XL025	**464501**	–	70XL037	**464522**	–
8.0	80XL025	**464502**	–	80XL037	**464523**	–
9.0	90XL025	**464503**	–	90XL037	**464524**	.01
10.0	100XL025	**464504**	–	100XL037	**464525**	.01
11.0	110XL025	**464505**	–	110XL037	**464526**	.01
12.0	120XL025	**464506**	–	120XL037	**464527**	.01
13.0	130XL025	**464507**	.01	130XL037	**464528**	.01
14.0	140XL025	**464508**	.01	140XL037	**464529**	.01
15.0	150XL025	**464509**	.01	150XL037	**464530**	.01
16.0	160XL025	**464510**	.01	160XL037	**464531**	.01
17.0	170XL025	**464511**	.01	170XL037	**464532**	.01
18.0	180XL025	**464512**	.01	180XL037	**464533**	.02
19.0	190XL025	**464513**	.01	190XL037	**464534**	.02
20.0	200XL025	**464514**	.01	200XL037	**464535**	.02
21.0	210XL025	**464515**	.01	210XL037	**464536**	.02
22.0	220XL025	**464516**	.01	220XL037	**464537**	.02
23.0	230XL025	**464517**	.01	230XL037	**464538**	.02
24.0	240XL025	**464518**	.01	240XL037	**464539**	.02
25.0	250XL025	**464519**	.01	250XL037	**464540**	.02
26.0	260XL025	**464520**	.02	260XL037	**464541**	.02

L SERIES DYNA-SYNC BELTS

3/8 in. Pitch (L)									
Belt Length	L050 (1/2 in. Wide)			L075 (3/4 in. Wide)			L100 (1 in. Wide)		
	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.
12.4	124L050	**464542**	.03	124L075	**464562**	.05	124L100	**464582**	.06
15.0	150L050	**464543**	.04	150L075	**464563**	.06	150L100	**464583**	.08
18.7	187L050	**464544**	.05	187L075	**464564**	.07	187L100	**464534**	.10
21.0	210L050	**464545**	.05	210L075	**464565**	.08	210L100	**464585**	.09
22.5	225L050	**464546**	.06	225L075	**464566**	.09	225L100	**464586**	.11
24.0	240L050	**464547**	.06	240L075	**464567**	.09	240L100	**464587**	.11
25.5	255L050	**464548**	.06	255L075	**464568**	.10	255L100	**464588**	.13
27.0	270L050	**464549**	.07	270L075	**464569**	.10	270L100	**464589**	.14
28.5	285L050	**464550**	.07	285L075	**464570**	.11	285L100	**464590**	.14
30.0	300L050	**464551**	.08	300L075	**464571**	.11	300L100	**464591**	.15
32.2	322L050	**464552**	.08	322L075	**464572**	.12	322L100	**464592**	.16
34.5	345L050	**464553**	.09	345L075	**464573**	.13	345L100	**464593**	.17
36.7	367L050	**464554**	.09	367L075	**464574**	.14	367L100	**464594**	.19
39.0	390L050	**464555**	.10	390L075	**464575**	.15	390L100	**464595**	.20
42.0	420L050	**464556**	.11	420L075	**464576**	.16	420L100	**464596**	.21
45.0	450L050	**464557**	.11	450L075	**464577**	.17	450L100	**464597**	.23
48.0	480L050	**464558**	.12	480L075	**464578**	.18	480L100	**464598**	.24
51.0	510L050	**464559**	.13	510L075	**464579**	.19	510L100	**464599**	.26
54.0	540L050	**464560**	.14	540L075	**464580**	.21	540L100	**464600**	.27
60.0	600L050	**464561**	.15	600L075	**464581**	.23	600L100	**464601**	.30

SPECIFICATION

BALDOR · DODGE®

Dyna-Sync® - Belts

H SERIES DYNA-SYNC BELTS

1/2 in. Pitch (H)

Belt Length	H075 (3/4 in. Wide)			H100 (1 in. Wide)			H150 (1-1/2 in. Wide)			H200 (2 in. Wide)			H300 (3 in. Wide)		
	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.
24.0	240H075	**464602**	.11	240H100	**464621**	.14	240H150	**464645**	.22	240H200	**464772**	.29	240H300	**464778**	.43
27.0	270H075	**464603**	.12	270H100	**464622**	.16	270H150	**464646**	.24	270H200	**464773**	.33	270H300	**464779**	.49
30.0	300H075	**464604**	.14	300H100	**464623**	.18	300H150	**464647**	.27	300H200	**464774**	.36	300H300	**464780**	.54
33.0	330H075	**464605**	.14	330H100	**464624**	.20	330H150	**464648**	.30	330H200	**464775**	.40	330H300	**464781**	.60
36.0	360H075	**464606**	.15	360H100	**464625**	.22	360H150	**464649**	.33	360H200	**464664**	.43	360H300	**464736**	.65
39.0	390H075	**464607**	.18	390H100	**464626**	.24	390H150	**464650**	.35	390H200	**464665**	.47	390H300	**464737**	.71
42.0	420H075	**464608**	.19	420H100	**464627**	.25	420H150	**464651**	.38	420H200	**464666**	.51	420H300	**464738**	.76
45.0	450H075	**464609**	.20	450H100	**464628**	.27	450H150	**464652**	.41	450H200	**464667**	.54	450H300	**464739**	.81
48.0	480H075	**464610**	.23	480H100	**464629**	.31	480H150	**464653**	.46	480H200	**464668**	.62	480H300	**464740**	.92
51.0	510H075	**464611**	.23	510H100	**464630**	.31	510H150	**464654**	.46	510H200	**464669**	.62	510H300	**464741**	.92
54.0	540H075	**464612**	.24	540H100	**464631**	.33	540H150	**464655**	.49	540H200	**464670**	.65	540H300	**464683**	.98
57.0	570H075	**464613**	.26	570H100	**464632**	.34	570H150	**464656**	.52	570H200	**464671**	.69	570H300	**464684**	1.03
60.0	600H075	**464614**	.27	600H100	**464633**	.36	600H150	**464657**	.54	600H200	**464672**	.72	600H300	**464685**	1.09
63.0	630H075	**464615**	.29	630H100	**464634**	.38	630H150	**464658**	.57	630H200	**464673**	.76	630H300	**464686**	1.14
66.0	660H075	**464616**	.30	660H100	**464635**	.40	660H150	**464659**	.60	660H200	**464674**	.80	660H300	**464687**	1.20
70.0	700H075	**464617**	.32	700H100	**464636**	.42	700H150	**464660**	.63	700H200	**464675**	.85	700H300	**464688**	1.27
75.0	750H075	**464618**	.34	750H100	**464637**	.45	750H150	**464661**	.68	750H200	**464676**	.91	750H300	**464689**	1.36
80.0	800H075	**464619**	.36	800H100	**464638**	.48	800H150	**464662**	.72	800H200	**464677**	.97	800H300	**464742**	1.45
85.0	850H075	**464620**	.38	850H100	**464639**	.51	850H150	**464663**	.77	850H200	**464678**	1.03	850H300	**464743**	1.54
90.0	900H075	**464759**	.41	900H100	**464640**	.54	900H150	**464766**	.82	900H200	**464679**	1.09	900H300	**464744**	1.63
100.0	1000H075	**464760**	.45	1000H100	**464641**	.60	1000H150	**464767**	.91	1000H200	**464680**	1.21	1000H300	**464745**	1.81
110.0	1100H075	**464761**	.50	1100H100	**464642**	.66	1100H150	**464768**	1.00	1100H200	**464681**	1.33	1100H300	**464746**	1.99
125.0	1250H075	**464762**	.57	1250H100	**464643**	.75	1250H150	**464769**	1.13	1250H200	**464682**	1.51	1250H300	**464747**	2.26
140.0	1400H075	**464763**	.63	1400H100	**464644**	.85	1400H150	**464770**	1.27	1400H200	**464776**	1.69	1400H300	**464748**	2.54
170.0	1700H075	**464764**	.77	1700H100	**464765**	1.03	1700H150	**464771**	1.54	1700H200	**464777**	2.05	1700H300	**464749**	3.08

XH SERIES DYNA-SYNC BELTS

7/8 in. Pitch (XH)

Belt Length	XH200 (2 in. Wide)			XH300 (3 in. Wide)			XH400 (4 in. Wide)		
	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.
50.7	507XH200	**464690**	1.77	507XH300	**464702**	2.66	507XH400	**464750**	3.54
56.0	560XH200	**464691**	1.95	560XH300	**464703**	2.93	560XH400	**464751**	3.91
63.0	630XH200	**464692**	2.20	630XH300	**464704**	3.30	630XH400	**464752**	4.40
70.0	700XH200	**464693**	2.33	700XH300	**464705**	3.49	700XH400	**464753**	4.65
77.0	770XH200	**464694**	2.69	770XH300	**464706**	3.49	770XH400	**464754**	4.65
84.0	840XH200	**464695**	2.79	840XH300	**464707**	4.19	840XH400	**464755**	5.58
98.0	980XH200	**464696**	3.42	980XH300	**464708**	5.13	980XH400	**464756**	6.84
112.0	1120XH200	**464697**	3.72	1120XH300	**464709**	5.58	1120XH400	**464757**	7.45
126.0	1260XH200	**464698**	4.19	1260XH300	**464710**	6.28	1260XH400	**464758**	8.38
140.0	1400XH200	**464699**	4.65	1400XH300	**464711**	6.98	1400XH400	**464782**	9.31
155.0	1550XH200	**464700**	5.12	1550XH300	**464712**	7.68	1550XH400	**464783**	10.2
175.0	1750XH200	**464701**	5.82	1750XH300	**464713**	8.73	1750XH400	**464784**	10.6

XXH SERIES DYNA-SYNC BELTS

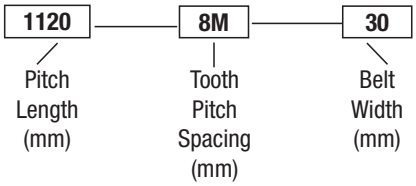
1-1/4 in. Pitch (XXH)

Belt Length	XXH200 (2 in. Wide)			XXH300 (3 in. Wide)			XXH400 (4 in. Wide)			XXH500 (5 in. Wide)		
	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.	Belt No.	Part No.	Wt.
70.0	700XXH200	**465301**	3.23	700XXH300	**465302**	4.85	700XXH400	**465303**	6.47	700XXH500	**465304**	8.09
80.0	800XXH200	**465305**	3.70	800XXH300	**465306**	5.54	800XXH400	**465307**	7.39	800XXH500	**465308**	9.24
90.0	900XXH200	**465309**	4.38	900XXH300	**465310**	6.58	900XXH400	**465311**	8.77	900XXH500	**465312**	11.0
100.0	1000XXH200	**465313**	4.87	1000XXH300	**465314**	7.31	1000XXH400	**465315**	9.74	1000XXH500	**465316**	12.2
120.0	1200XXH200	**465337**	5.54	1200XXH300	**465317**	8.32	1200XXH400	**465318**	11.1	1200XXH500	**465319**	13.9
140.0	1400XXH200	**465323**	6.47	1400XXH300	**465320**	9.70	1400XXH400	**465321**	12.9	1400XXH500	**465322**	16.2
160.0	1600XXH200	**465324**	7.39	1600XXH300	**465325**	11.1	1600XXH400	**465326**	14.8	1600XXH500	**465327**	18.5
180.0	1800XXH200	**465338**	8.32	1800XXH300	**465329**	12.5	1800XXH400	**465330**	16.6	1800XXH500	**465331**	20.8

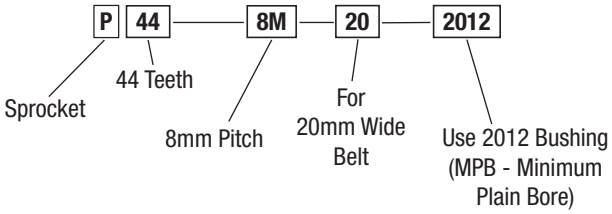
QD HTD Sprockets

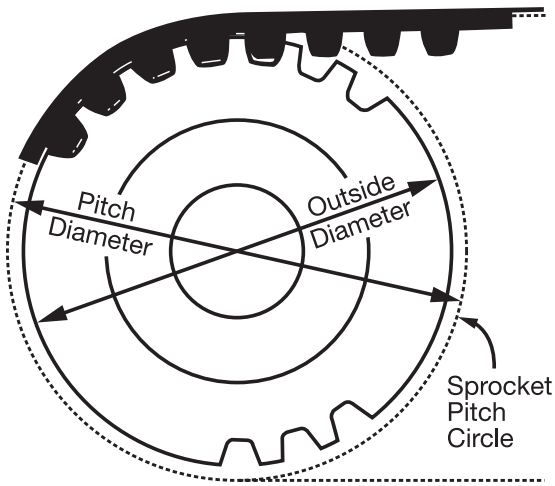
- Rated for capacity of standard HTD belts.
- Compatible for standard HTD belts.
- Can run HT250 belts at HTD rating.
- Use HT250 belts for quieter operation than with HTD belts.

BELT NOMENCLATURE



SPROCKET NOMENCLATURE





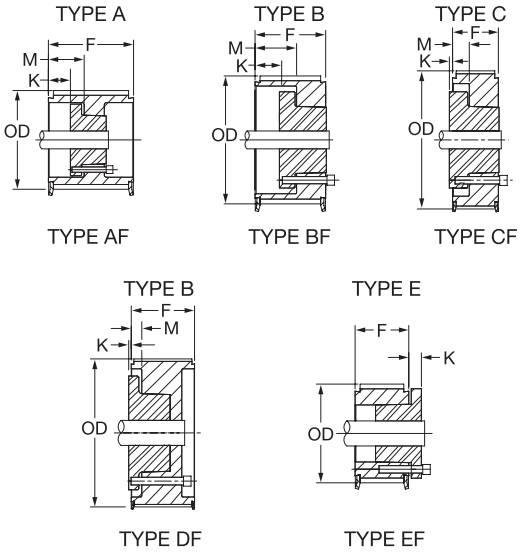
Belt Construction

- Tougher Chloroprene rubber resists tooth shear, increases load capacity.
- Strong, stretch-resistant tensile cords.
- Tough, wear-resistant nylon tooth facing keeps friction low, protects from wear.

SPECIFICATION

BALDOR · DODGE®

QD HTD Sprockets

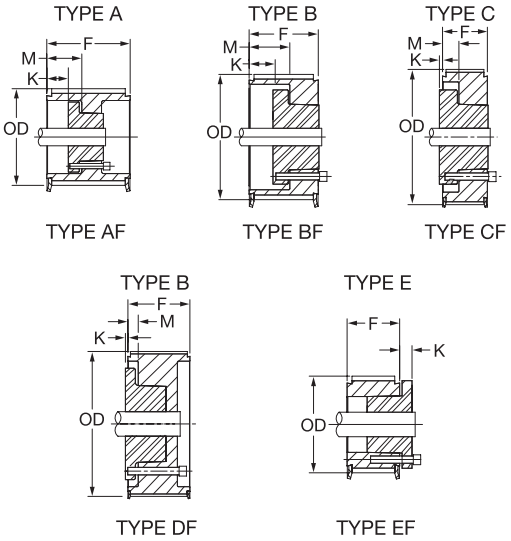


The figure following the sketch reference letter in the “Type” column indicates the construction of the sprocket (1 = Solid, 2 = Web, and 3 = Arms), and the letter ”F” indicates that the sprocket has flanges.

8MM QD HTD SPROCKETS

Sprocket Number	Part No.	No. Of Teeth	Diameters			Type	Dimensions (in.)		Bore Sizes		Approx. Weight (lbs.)	Approx. Wr^2 (lb.-ft.^2)
			P.D.	O.D.	Flange		M	K	Min.	Max.		
8M-20						**F = 1.125 in.**						
P24-8M-20-JA	**110701**	24	2.406	2.352	2.756	E1F	0.00	0.51	1/2	1-1/4	0.8	0.0039
P26-8M-20-JA	**110702**	26	2.607	2.553	2.906	E1F	0.00	0.51	1/2	1-1/4	1.0	0.0059
P28-8M-20-QT	**110703**	28	2.807	2.759	3.207	E1F	0.00	1.42	3/8	1-1/2	1.1	0.0078
P30-8M-20-QT	**110704**	30	3.008	2.958	3.408	E1F	0.00	1.42	3/8	1-1/2	1.3	0.0110
P32-8M-20-QT	**110705**	32	3.208	3.156	3.608	E1F	0.00	1.42	3/8	1-1/2	1.6	0.0148
P34-8M-20-SH	**110706**	34	3.409	3.355	3.810	E1F	0.00	0.68	1/2	1-11/16	1.6	0.0181
P36-8M-20-SH	**110707**	36	3.609	3.555	4.009	C1F	0.31	0.37	1/2	1-11/16	1.7	0.0213
P38-8M-20-SH	**110708**	38	3.810	3.756	4.210	C1F	0.31	0.37	1/2	2	2.0	0.0272
P40-8M-20-SH	**110709**	40	4.010	3.956	4.410	C1F	0.31	0.37	1/2	2	2.3	0.0353
P44-8M-20-SDS	**110710**	44	4.411	4.357	4.764	C1F	0.38	0.32	1/2	2	2.6	0.0490
P48-8M-20-SDS	**110711**	48	4.812	4.758	5.212	C1F	0.38	0.32	1/2	2	3.4	0.0771
P56-8M-20-SDS	**110712**	56	5.614	5.560	6.014	C1F	0.38	0.32	1/2	2	4.6	0.1370
P64-8M-20-SDS	**110713**	64	6.416	6.362	6.716	C1F	0.38	0.32	1/2	2	6.8	0.2639
P72-8M-20-SDS	**110714**	72	7.218	7.164	7.500	C1F	0.38	0.32	1/2	2	8.8	0.4298
P80-8M-20-SDS	**110715**	80	8.020	7.966	8.420	C1F	0.38	0.32	1/2	2	11	0.6433
P90-8M-20-SDS	**110716**	90	9.023	8.969	–	C2	0.38	0.32	1/2	2	12	0.9369
8M-30						**F = 1.5 in.**						
P28-8M-30-QT	**110723**	28	2.807	2.759	3.207	E1F	0.00	0.37	1/2	1-1/2	1.4	0.0104
P30-8M-30-QT	**110724**	30	3.008	2.958	3.408	E1F	0.00	0.37	3/8	1-1/2	1.8	0.0146
P32-8M-30-QT	**110725**	32	3.208	3.156	3.608	E1F	0.00	0.37	3/8	1-1/2	2.1	0.0197
P34-8M-30-SH	**110726**	34	3.409	3.355	3.810	B1F	0.69	0.01	1/2	1-11/16	1.6	0.0186
P36-8M-30-SH	**110727**	36	3.609	3.555	4.009	B1F	0.69	0.01	1/2	1-11/16	2.0	0.0259
P38-8M-30-SH	**110728**	38	3.810	3.756	4.210	B1F	0.69	0.01	1/2	1-11/16	2.3	0.0328
P40-8M-30-SH	**110729**	40	4.010	3.956	4.410	B1F	0.69	0.01	1/2	1-11/16	2.8	0.0435
P44-8M-30-SDS	**110730**	44	4.411	4.357	4.764	B1F	0.75	0.05	1/2	2	3.0	0.0595
P48-8M-30-SDS	**110731**	48	4.812	4.758	5.212	B1F	0.75	0.05	1/2	2	3.8	0.0880
P56-8M-30-SDS	**110732**	56	5.614	5.560	6.014	B1F	0.75	0.05	1/2	2	5.2	0.1633
P64-8M-30-SK	**110733**	64	6.416	6.362	6.716	C1F	0.25	0.64	1/2	2-5/8	8.6	0.3421
P72-8M-30-SK	**110734**	72	7.218	7.164	7.500	C1F	0.25	0.64	1/2	2-5/8	12	0.5710
P80-8M-30-SK	**110735**	80	8.020	7.966	8.420	C2	0.25	0.64	1/2	2-5/8	11	0.6487
P90-8M-30-SK	**110736**	90	9.023	8.969	–	C2	0.25	0.64	1/2	2-5/8	16	1.2862
P112-8M-30-SK	**110737**	112	11.229	11.175	–	C2	0.25	0.64	1/2	2-5/8	22	2.703

QD HTD Sprockets



The figure following the sketch reference letter in the "Type" column indicates the construction of the sprocket (1 = Solid, 2 = Web, and 3 = Arms), and the letter "F" indicates that the sprocket has flanges.

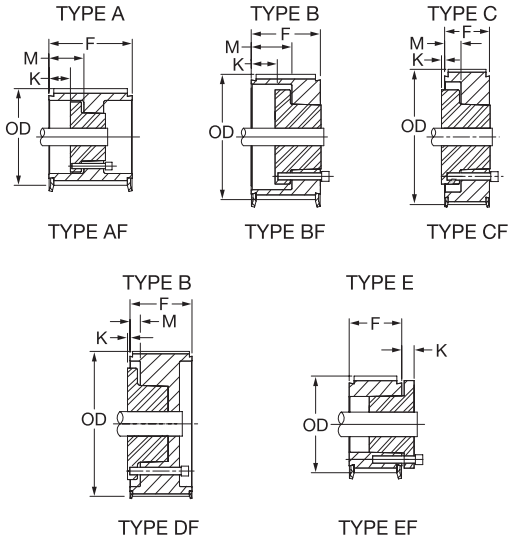
8MM QD HTD SPROCKETS

Sprocket Number	Part No.	No. Of Teeth	Diameters			Type	Dimensions (in.)		Bore Sizes		Approx. Weight (lbs.)	Approx. Wr^2 (lb.-ft.^2)
			P.D.	O.D.	Flange		M	K	Min.	Max.		
8M-50					**F = 2.38 in.**							
P28-8M-50-JA	**110738**	28	2.807	2.759	3.207	A1F	0.81	0.30	1/2	1-1/4	1.7	0.0127
P30-8M-50-JA	**110739**	30	3.008	2.958	3.408	A1F	0.81	0.30	1/2	1-1/4	1.9	0.0172
P32-8M-50-QT	**110742**	32	3.208	3.156	3.608	A1F	0.81	0.30	3/8	1-1/2	2.1	0.0214
P34-8M-50-SH	**110743**	34	3.409	3.355	3.810	D1F	0.50	0.18	1/2	1-11/16	2.2	0.0263
P36-8M-50-SH	**110744**	36	3.609	3.555	4.009	D1F	0.50	0.18	1/2	1-11/16	2.8	0.0367
P38-8M-50-SH	**110745**	38	3.810	3.756	4.210	D1F	0.50	0.18	1/2	1-11/16	3.1	0.0462
P40-8M-50-SH	**110746**	40	4.010	3.956	4.410	D1F	0.50	0.18	1/2	1-11/16	3.9	0.0632
P44-8M-50-SD	**110747**	44	4.411	4.357	4.764	D1F	0.56	1.74	1/2	2	5.5	0.1068
P48-8M-50-SD	**110748**	48	4.812	4.758	5.212	D1F	0.56	1.74	1/2	2	7.2	0.1644
P56-8M-50-SK	**110749**	56	5.614	5.560	6.014	D1F	0.56	0.33	1/2	2-15/16	11	0.3314
P64-8M-50-SK	**110750**	64	6.416	6.362	6.716	D1F	0.56	0.33	1/2	2-15/16	10	0.4400
P72-8M-50-SK	**110751**	72	7.218	7.164	7.500	D1F	0.56	0.33	1/2	2-15/16	16	0.8488
P80-8M-50-SF	**110752**	80	8.020	7.966	8.420	D1F	0.56	0.38	1/2	2-15/16	20	1.335
P90-8M-50-SF	**110753**	90	9.023	8.969	–	D1	0.56	0.38	1/2	2-15/16	25	2.102c
P112-8M-50-SF	**110754**	112	11.229	11.175	–	D2	0.75	0.19	1/2	2-15/16	32	4.152
P144-8M-50-E	**110755**	144	14.437	14.383	–	D3	0.38	0.82	7/8	3-1/2	45	9.391
P192-8M-50-E	**110756**	192	19.249	19.195	–	D3	0.38	0.82	7/8	3-1/2	65	20.42
8M-85					**F = 3.75 in.**							
P34-8M-85-SH	**110760**	34	3.409	3.355	3.810	A1F	1.50	0.82	1/2	1-11/16	3.1	0.0376
P36-8M-85-SH	**110761**	36	3.609	3.555	4.009	A1F	1.50	0.82	1/2	1-11/16	3.9	0.0535
P38-8M-85-SH	**110762**	38	3.810	3.756	4.210	A1F	1.50	0.82	1/2	1-11/16	4.4	0.0671
P40-8M-85-SD	**110763**	40	4.010	3.956	4.410	A1F	1.25	0.55	1/2	2	4.9	0.0836
P44-8M-85-SD	**110764**	44	4.411	4.357	4.764	A1F	1.25	0.55	1/2	2	7.8	0.1589
P48-8M-85-SD	**110765**	48	4.812	4.758	5.212	A1F	1.25	0.55	1/2	2	11	0.2496
P56-8M-85-SK	**110766**	56	5.614	5.560	6.014	A1F	1.25	0.36	1/2	2-5/8	12	0.4191
P64-8M-85-SK	**110767**	64	6.42	6.362	6.716	A1F	1.25	0.36	1/2	2-5/8	17	0.7664
P72-8M-85-SF	**110768**	72	7.218	7.164	7.500	A1F	1.25	0.31	1/2	2-15/16	19	1.114
P80-8M-85-SF	**110769**	80	8.020	7.966	8.420	A1F	1.25	0.31	1/2	2-15/16	29	1.982
P90-8M-85-SF	**110770**	90	9.023	8.969	–	A1	1.25	0.31	1/2	2-15/16	26	2.253
P112-8M-85-SF	**110771**	112	11.229	11.175	–	A2	1.25	0.31	1/2	2-15/16	38	5.286
P144-8M-85-E	**110772**	144	14.437	14.383	–	D3	1.06	0.14	7/8	3-1/2	61	14.031
P192-8M-85-E	**110773**	192	19.249	19.195	–	D3	1.06	0.14	7/8	3-1/2	76	26.80

14mm QD HTD Sprockets

Sprocket Number	Part No.	No. Of Teeth	Diameters			Type	Dimensions (in.)		Bore Sizes		Approx. Weight (lbs.)	Approx. Wr^2 (lb.-ft.^2)
			P.D.	O.D.	Flange		M	K	Min.	Max.		
14M-40					**F = 2.13 in.**							
P28-14M-40-SK	**110780**	28	4.912	4.808	5.562	E1F	0.00	0.89	0.5	2-5/8	5.8	0.1301
P29-14M-40-SK	**110781**	29	5.088	4.983	5.562	E1F	0.00	0.89	0.5	2-5/8	6.5	0.1561
P30-14M-40-SK	**110782**	30	5.263	5.157	5.763	D1F	0.44	0.45	0.5	2-5/8	6.2	0.1629
P32-14M-40-SK	**110783**	32	5.614	5.507	6.114	D1F	0.44	0.45	0.5	2-5/8	7.8	0.2310
P34-14M-40-SK	**110784**	34	5.965	5.858	6.465	D1F	0.44	0.45	0.5	2-5/8	9.4	0.3113
P36-14M-40-SF	**110785**	36	6.316	6.208	6.816	D1F	0.44	0.50	0.5	2-15/16	9.6	0.3693
P38-14M-40-SF	**110786**	38	6.667	6.559	7.167	D1F	0.44	0.50	0.5	2-15/16	12	0.5080
P40-14M-40-SF	**110787**	40	7.018	6.909	7.518	D1F	0.44	0.50	0.5	2-15/16	13	0.6096
P44-14M-40-E	**110788**	44	7.720	7.610	8.395	D1F	0.38	0.82	0.875	3-1/2	16	0.9305
P48-14M-40-E	**110789**	48	8.421	8.311	8.941	D1F	0.38	0.82	0.875	3-1/2	20	1.360
P52-14M-40-E	**110790**	52	9.123	9.013	9.687	D1F	0.25	0.95	0.875	3-1/2	25	1.991
P56-14M-40-E	**110791**	56	9.825	9.715	10.355	D1F	0.25	0.95	0.875	3-1/2	29	2.583
P60-14M-40-E	**110792**	60	10.527	10.417	11.067	D1F	0.44	0.76	0.875	3-1/2	34	3.494
P64-14M-40-E	**110793**	64	11.229	11.119	11.750	D1F	0.44	0.76	0.875	3-1/2	39	4.489
P68-14M-40-E	**110794**	68	11.930	11.820	12.500	D2F	0.44	0.76	0.875	3-1/2	34	4.368
P72-14M-40-E	**110795**	72	12.632	12.522	13.066	D2F	0.31	0.89	0.875	3-1/2	40	5.811
P80-14M-40-E	**110796**	80	14.036	13.926	14.620	D3F	0.44	0.76	0.875	3-1/2	39	7.005
P90-14M-40-E	**110797**	90	15.790	15.680	–	D3	0.25	0.95	0.875	3-1/2	40	8.633
P112-14M-40-E	**110798**	112	19.650	19.540	–	D3	0.25	0.95	0.875	3-1/2	67	21.62
P144-14M-40-E	**110799**	144	25.264	25.155	–	D3	0.25	0.95	0.875	3-1/2	66	38.99
P168-14M-40-F	**110759**	168	29.475	29.265	–	C3	0.37	1.79	1	4	91	74.83
P192-14M-40-F	**110774**	192	33.686	33.576	–	C3	0.37	1.79	1	4	108	117.1
14M-55					**F = 2.75 in.**							
P28-14M-55-SK	**110805**	28	4.912	4.808	5.562	E1F	0.00	0.89	0.5	2-5/8	7.3	0.1657
P29-14M-55-SK	**110806**	29	5.088	4.983	5.562	E1F	0.00	0.89	0.5	2-5/8	8.2	0.1991
P30-14M-55-SK	**110807**	30	5.263	5.157	5.763	D1F	0.75	0.14	0.5	2-5/8	7.5	0.1989
P32-14M-55-SK	**110808**	32	5.614	5.507	6.114	D1F	0.75	0.14	0.5	2-5/8	9.5	0.2868
P34-14M-55-SK	**110809**	34	5.965	5.858	6.465	D1F	0.75	0.14	0.5	2-5/8	11	0.3851
P36-14M-55-SF	**110810**	36	6.316	6.208	6.816	D1F	0.75	0.19	0.5	2-15/16	11	0.4515
P38-14M-55-SF	**110811**	38	6.667	6.559	7.167	D1F	0.75	0.19	0.5	2-15/16	14	0.6139
P40-14M-55-SF	**110812**	40	7.018	6.909	7.518	D1F	0.75	0.19	0.5	2-15/16	15	0.7440
P44-14M-55-E	**110813**	44	7.720	7.610	8.395	D1F	0.56	0.64	0.875	3-1/2	19	1.136
P48-14M-55-E	**110814**	48	8.421	8.311	8.941	D1F	0.56	0.64	0.875	3-1/2	23	1.641
P52-14M-55-E	**110815**	52	9.123	9.013	9.687	D1F	0.56	0.64	0.875	3-1/2	30	2.454
P56-14M-55-E	**110816**	56	9.825	9.715	10.355	D1F	0.56	0.64	0.875	3-1/2	32	3.030
P60-14M-55-E	**110817**	60	10.527	10.417	11.067	D1F	0.56	0.64	0.875	3-1/2	38	4.038
P64-14M-55-F	**110818**	64	11.229	11.119	11.750	D1F	0.13	1.29	1	4	54	6.267
P68-14M-55-F	**110819**	68	11.930	11.820	12.500	D1F	0.13	1.29	1	4	62	8.029
P72-14M-55-F	**110820**	72	12.632	12.522	13.066	D1F	0.13	1.29	1	4	71	10.32
P80-14M-55-F	**110821**	80	14.036	13.926	14.620	D1F	0.13	1.29	1	4	89	15.76
P90-14M-55-F	**110822**	90	15.790	15.680	–	D2	0.13	1.29	1	4	61	12.67
P112-14M-55-F	**110823**	112	19.650	19.540	–	D3	0.13	1.29	1	4	80	25.72
P144-14M-55-F	**110824**	144	25.264	25.155	–	D3	0.13	1.29	1	4	90	55.45
P168-14M-55-F	**110825**	168	29.475	29.265	–	D3	0.13	1.29	1	4	111	95.26
P192-14M-55-F	**110826**	192	33.686	33.576	–	D3	0.13	1.29	1	4	134	149.7
P216-14M-55-F	**110827**	216	37.896	37.786	–	D3	0.13	1.29	1	4	159	223.9
14M-85					**F = 4 in.**							
P30-14M-85-SK	**110832**	30	5.263	5.157	5.763	A1F	1.38	0.49	1/2	2-11/16	10	0.2715
P32-14M-85-SK	**110833**	32	5.614	5.507	6.114	A1F	1.38	0.49	1/2	2-5/8	13	0.3993
P34-14M-85-SK	**110834**	34	5.965	5.858	6.465	A1F	1.38	0.49	1/2	2-5/8	15	0.5387
P36-14M-85-SF	**110835**	36	6.316	6.208	6.816	A1F	1.5	0.56	1/2	2-15/16	15	0.6171
P38-14M-85-SF	**110836**	38	6.667	6.559	7.167	A1F	1.38	0.44	1/2	2-15/16	19	0.8559
P40-14M-85-SF	**110837**	40	7.018	6.909	7.518	A1F	1.38	0.44	1/2	2-15/16	22	1.097
P44-14M-85-E	**110838**	44	7.720	7.610	8.395	D1F	1.19	0.01	7/8	3-1/2	23	1.390
P48-14M-85-E	**110839**	48	8.421	8.311	8.941	D1F	1.19	0.01	7/8	3-1/2	29	2.133
P52-14M-85-E	**110840**	52	9.123	9.013	9.687	D1F	1.19	0.01	7/8	3-1/2	35	2.972
P56-14M-85-F	**110841**	56	9.825	9.715	10.355	D1F	0.75	0.67	1	4	46	4.426
P60-14M-85-F	**110842**	60	10.527	10.417	11.067	D1F	0.75	0.67	1	4	57	6.259
P64-14M-85-F	**110843**	64	11.229	11.119	11.750	D1F	0.75	0.67	1	4	64	7.866
P68-14M-85-F	**110852**	68	11.930	11.820	12.500	D1F	0.75	0.67	1	4	75	10.40
P72-14M-85-F	**110844**	72	12.632	12.522	13.066	D1F	0.75	0.67	1	4	89	13.74
P80-14M-85-F	**110845**	80	14.036	13.926	14.620	D1F	0.75	0.67	1	4	100	18.65
P90-14M-85-F	**110846**	90	15.790	15.680	–	D3	0.75	0.67	1	4	57	12.19
P112-14M-85-F	**110847**	112	19.650	19.540	–	D3	0.75	0.67	1	4	94	32.92
P144-14M-85-F	**110848**	144	25.264	25.155	–	D3	0.75	0.67	1	4	129	73.66
P168-14M-85-F	**110849**	168	29.475	29.265	–	D3	0.69	0.73	1	4	144	126.7
P192-14M-85-F	**110850**	192	33.686	33.576	–	D3	0.69	0.73	1	4	178	203.8
P216-14M-85-F	**110851**	216	37.896	37.786	–	D3	0.69	0.73	1	4	216	315.6

QD HTD Sprockets



The figure following the sketch reference letter in the "Type" column indicates the construction of the sprocket (1 = Solid, 2 = Web, and 3 = Arms), and the letter "F" indicates that the sprocket has flanges.

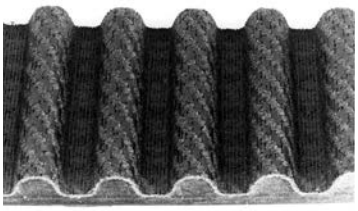
14MM QD HTD SPROCKETS

Sprocket Number	Part No.	No. Of Teeth	Diameters			Type	Dimensions (in.)		Bore Sizes		Approx. Weight (lbs.)	Approx. Wr^2 (lb.-ft.^2)
			P.D.	O.D.	Flange		M	K	Min.	Max.		
14M-115					**F = 5.25 in.**							
P30-14M-115-SK	**110857**	30	5.263	5.157	5.763	A1F	2.00	1.11	1/2	2-5/8	12	0.3441
P32-14M-115-SK	**110858**	32	5.614	5.507	6.114	A1F	2.00	1.11	1/2	2-5/8	16	0.5084
P34-14M-115-SK	**110859**	34	5.965	5.858	6.465	A1F	2.00	1.11	1/2	2-5/8	20	0.7035
P36-14M-115-SF	**110860**	36	6.316	6.208	6.816	A1F	2.00	1.06	1/2	2-15/16	19	0.7834
P38-14M-115-SF	**110861**	38	6.667	6.559	7.167	A1F	2.00	1.06	1/2	2-15/16	22	1.000
P40-14M-115-SF	**110862**	40	7.018	6.909	7.518	A1F	2.00	1.06	1/2	2-15/16	26	1.306
P44-14M-115-E	**110863**	44	7.720	7.610	8.395	A1F	2.00	0.80	7/8	3-1/2	27	1.717
P48-14M-115-E	**110864**	48	8.421	8.311	8.941	A1F	1.94	0.74	7/8	3-1/2	36	2.657
P52-14M-115-F	**110865**	52	9.123	9.013	9.687	D1F	1.38	0.05	1	4	48	4.133
P56-14M-115-F	**110866**	56	9.825	9.715	10.355	D1F	1.38	0.05	1	4	54	5.326
P60-14M-115-F	**110867**	60	10.527	10.417	11.067	D1F	1.38	0.05	1	4	63	7.105
P64-14M-115-J	**110868**	64	11.229	11.119	11.750	D1F	1.00	0.20	1-1/2	4-1/2	81	10.377
P68-14M-115-J	**110869**	68	11.930	11.820	12.500	D1F	1.00	0.20	1-1/2	4-1/2	90	12.89
P72-14M-115-J	**110870**	72	12.632	12.522	13.066	D1F	1.00	0.20	1-1/2	4-1/2	101	16.06
P80-14M-115-J	**110871**	80	14.036	13.926	14.620	D2F	1.00	0.20	1-1/2	4-1/2	108	21.04
P90-14M-115-J	**110872**	90	15.790	15.680	–	D2	1.00	0.20	1-1/2	4-1/2	121	29.10
P112-14M-115-J	**110873**	112	19.650	19.540	–	D3	1.00	0.20	1-1/2	4-1/2	117	46.65
P144-14M-115-J	**110874**	144	25.264	25.155	–	D3	1.06	0.14	1-1/2	4-1/2	157	113.9
P168-14M-115-J	**110875**	168	29.475	29.265	–	D3	1.06	0.14	1-1/2	4-1/2	198	209.1
P192-14M-115-J	**110876**	192	33.686	33.576	–	D3	1.06	0.14	1-1/2	4-1/2	240	265.8
P216-14M-115-J	**110877**	216	37.896	37.786	–	D3	1.06	0.14	1-1/2	4-1/2	284	401.7
14M-170					**F = 7.38 in.**							
P44-14M-170-E	**110883**	44	7.720	7.610	8.395	A1F	2.88	1.68	7/8	3-1/2	35	2.273
P48-14M-170-E	**110884**	48	8.421	8.311	8.941	A1F	2.88	1.68	7/8	3-1/2	46	3.550
P52-14M-170-F	**110885**	52	9.123	9.013	9.687	A1F	2.44	1.02	1	4	61	5.430
P56-14M-170-F	**110886**	56	9.825	9.715	10.355	A1F	2.44	1.02	1	4	67	6.860
P60-14M-170-J	**110887**	60	10.527	10.417	11.067	A1F	2.28	1.08	1-1/2	4-1/2	81	9.546
P64-14M-170-J	**110888**	64	11.229	11.119	11.750	A1F	2.13	0.93	1-1/2	4-1/2	100	13.31
P68-14M-170-J	**110897**	68	11.930	11.820	12.500	A1F	2.13	0.93	1-1/2	4-1/2	108	16.08
P72-14M-170-J	**110889**	72	12.632	12.522	13.066	A1F	2.13	0.93	1-1/2	4-1/2	119	19.72
P80-14M-170-J	**110890**	80	14.036	13.926	14.620	A2F	2.13	0.93	1-1/2	4-1/2	129	26.66
P90-14M-170-J	**110891**	90	15.790	15.680	–	A2	2.13	0.93	1-1/2	4-1/2	163	41.42
P112-14M-170-M	**110892**	112	19.650	19.540	–	D3	1.44	0.30	2	5-1/2	188	63.86
P144-14M-170-M	**110893**	144	25.264	25.155	–	D3	1.44	0.30	2	5-1/2	240	146.9
P168-14M-170-M	**110894**	168	29.475	29.265	–	D3	1.44	0.30	2	5-1/2	279	247.5
P192-14M-170-M	**110895**	192	33.686	33.576	–	D3	1.44	0.30	2	5-1/2	541	746.7
P216-14M-170-M	**110896**	216	37.896	37.786	–	D3	1.44	0.30	2	5-1/2	443	774.6

SPECIFICATION

BALDOR · DODGE®

Dodge HT Belts

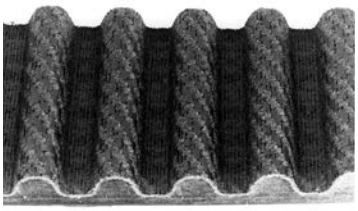


Note: Belt length is in millimeters
To convert to inches, divide by 25.4
Example: 2600-8M-30 belt size
2600 ÷ 25.4 = 102.36 inches belt length

8 MM PITCH HT BELTS

20mm Wide			30mm Wide			50mm Wide			85mm Wide		
Description	Part No.	Wt.	Description	Part No.	Wt.	Description	Part No.	Wt.	Description	Part No.	Wt.
384-8M-20	**146400**	0.12	384-8M-30	**146433**	0.19	384-8M-50	**146466**	0.33	384-8M-85	**146499**	0.55
480-8M-20	**146401**	0.13	480-8M-30	**146434**	0.20	480-8M-50	**146467**	0.34	480-8M-85	**146500**	0.57
560-8M-20	**146402**	0.16	560-8M-30	**146435**	0.23	560-8M-50	**146468**	0.39	560-8M-85	**146501**	0.66
600-8M-20	**146403**	0.17	600-8M-30	**146436**	0.25	600-8M-50	**146469**	0.42	600-8M-85	**146502**	0.71
640-8M-20	**146404**	0.18	640-8M-30	**146437**	0.27	640-8M-50	**146470**	0.45	640-8M-85	**146503**	0.76
720-8M-20	**146405**	0.20	720-8M-30	**146438**	0.30	720-8M-50	**146471**	0.50	720-8M-85	**146504**	0.85
800-8M-20	**146406**	0.22	800-8M-30	**146439**	0.33	800-8M-50	**146472**	0.56	800-8M-85	**146505**	0.95
840-8M-20	**146407**	0.23	840-8M-30	**146440**	0.35	840-8M-50	**146473**	0.59	840-8M-85	**146505**	1.00
880-8M-20	**146408**	0.25	880-8M-30	**146441**	0.37	880-8M-50	**146474**	0.61	880-8M-85	**146507**	1.04
920-8M-20	**146409**	0.26	920-8M-30	**146442**	0.39	920-8M-50	**146475**	0.64	920-8M-85	**146508**	1.09
960-8M-20	**146410**	0.27	960-8M-30	**146443**	0.40	960-8M-50	**146476**	0.67	960-8M-85	**146509**	1.14
1040-8M-20	**146411**	0.29	1040-8M-30	**146444**	0.43	1040-8M-50	**146477**	0.74	1040-8M-85	**146510**	1.23
1064-8M-20	**146412**	0.30	1064-8M-30	**146445**	0.45	1064-8M-50	**146478**	0.76	1064-8M-85	**146511**	1.27
1120-8M-20	**146413**	0.31	1120-8M-30	**146446**	0.47	1120-8M-50	**146479**	0.78	1120-8M-85	**146512**	1.33
1160-8M-20	**146414**	0.32	1160-8M-30	**146447**	0.48	1160-8M-50	**146480**	0.8	1160-8M-85	**146513**	1.28
1200-8M-20	**146415**	0.34	1200-8M-30	**146448**	0.50	1200-8M-50	**146481**	0.84	1200-8M-85	**146514**	1.42
1224-8M-20	**146416**	0.35	1224-8M-30	**146449**	0.51	1224-8M-50	**146482**	0.87	1224-8M-85	**146515**	1.47
1280-8M-20	**146417**	0.36	1280-8M-30	**146450**	0.53	1280-8M-50	**146483**	0.89	1280-8M-85	**146516**	1.52
1440-8M-20	**146418**	0.40	1440-8M-30	**146451**	0.60	1440-8M-50	**146484**	1.01	1440-8M-85	**146517**	1.71
1512-8M-20	**146419**	0.42	1512-8M-30	**146452**	0.62	1512-8M-50	**146485**	1.05	1512-8M-85	**146518**	1.79
1584-8M-20	**146420**	0.43	1584-8M-30	**146453**	0.65	1584-8M-50	**146486**	1.09	1584-8M-85	**146519**	1.82
1600-8M-20	**146421**	0.45	1600-8M-30	**146454**	0.67	1600-8M-50	**146487**	1.11	1600-8M-85	**146520**	1.90
1760-8M-20	**146422**	0.49	1760-8M-30	**146455**	0.73	1760-8M-50	**146488**	1.23	1760-8M-85	**146521**	2.08
1800-8M-20	**146423**	0.50	1800-8M-30	**146456**	0.75	1800-8M-50	**146489**	1.25	1800-8M-85	**146522**	2.13
2000-8M-20	**146424**	0.56	2000-8M-30	**146457**	0.83	2000-8M-50	**146490**	1.39	2000-8M-85	**146523**	2.37
2200-8M-20	**146425**	0.60	2200-8M-30	**146458**	0.90	2200-8M-50	**146491**	1.50	2200-8M-85	**146524**	2.55
2400-8M-20	**146426**	0.67	2400-8M-30	**146459**	1.00	2400-8M-50	**146492**	1.67	2400-8M-85	**146525**	2.84
2600-8M-20	**146427**	0.79	2600-8M-30	**146460**	1.09	2600-8M-50	**146493**	1.81	2600-8M-85	**146526**	3.09
2800-8M-20	**146428**	0.80	2800-8M-30	**146461**	1.17	2800-8M-50	**146494**	1.95	2800-8M-85	**146527**	3.32
3048-8M-20	**146429**	0.85	3048-8M-30	**146462**	1.27	3048-8M-50	**146495**	2.00	3048-8M-85	**146528**	3.62
3280-8M-20	**146430**	0.92	3280-8M-30	**146463**	1.37	3280-8M-50	**146496**	2.29	3280-8M-85	**146529**	3.89
3600-8M-20	**146431**	1.01	3600-8M-30	**146464**	1.51	3600-8M-50	**146497**	2.51	3600-8M-85	**146530**	4.27
4400-8M-20	**146432**	1.23	4400-8M-30	**146465**	1.84	4400-8M-50	**146498**	3.07	4400-8M-85	**146531**	5.22

Dodge HT Belts



Note: Belt length is in millimeters
To convert to inches, divide by 25.4
Example: 2600-8M-30 belt size
2600 ÷ 25.4 = 102.36 inches belt length

14 MM PITCH HT BELTS

40mm Wide			55mm Wide			85mm Wide			115mm Wide			170mm Wide		
Description	Part No.	Wt.	Description	Part No.	Wt.	Description	Part No.	Wt.	Description	Part No.	Wt.	Description	Part No.	Wt.
966-14M-40	**146532**	0.84	966-14M-55	**146554**	1.15	966-14M-85	**146576**	1.78	966-14M-115	**146598**	2.41	966-14M-170	**146620**	3.56
1190-14M-40	**146533**	1.03	1190-14M-55	**146555**	1.42	1190-14M-85	**146577**	2.20	1190-14M-115	**146599**	2.98	1190-14M-170	**146621**	4.39
1400-14M-40	**146534**	1.21	1400-14M-55	**146556**	1.67	1400-14M-85	**146578**	2.58	1400-14M-115	**146600**	3.50	1400-14M-170	**146622**	5.16
1610-14M-40	**146535**	1.40	1610-14M-55	**146557**	1.92	1610-14M-85	**146579**	2.97	1610-14M-115	**146601**	4.02	1610-14M-170	**146623**	5.95
1778-14M-40	**146536**	1.54	1778-14M-55	**146558**	2.13	1778-14M-85	**146580**	3.28	1778-14M-115	**146602**	4.45	1778-14M-170	**146624**	6.56
1890-14M-40	**146537**	1.64	1890-14M-55	**146559**	2.26	1890-14M-85	**146581**	3.49	1890-14M-115	**146603**	4.73	1890-14M-170	**146625**	6.97
2100-14M-40	**146538**	1.82	2100-14M-55	**146560**	2.51	2100-14M-85	**146582**	3.88	2100-14M-115	**146604**	5.25	2100-14M-170	**146626**	7.75
2310-14M-40	**146539**	2.00	2310-14M-55	**146561**	2.76	2310-14M-85	**146583**	4.26	2310-14M-115	**146605**	5.77	2310-14M-170	**146627**	8.53
2450-14M-40	**146540**	2.13	2450-14M-55	**146562**	2.93	2450-14M-85	**146584**	4.52	2450-14M-115	**146606**	6.13	2450-14M-170	**146628**	9.04
2590-14M-40	**146541**	2.25	2590-14M-55	**146563**	3.10	2590-14M-85	**146585**	4.78	2590-14M-115	**146607**	6.47	2590-14M-170	**146629**	9.55
2800-14M-40	**146542**	2.43	2800-14M-55	**146564**	3.34	2800-14M-85	**146586**	5.17	2800-14M-115	**146608**	7.00	2800-14M-170	**146630**	10.33
3150-14M-40	**146543**	2.73	3150-14M-55	**146565**	3.77	3150-14M-85	**146587**	5.82	3150-14M-115	**146609**	7.87	3150-14M-170	**146631**	11.62
3360-14M-40	**146544**	2.91	3360-14M-55	**146566**	4.02	3360-14M-85	**146588**	6.20	3360-14M-115	**146610**	8.39	3360-14M-170	**146631**	12.39
3500-14M-40	**146545**	3.03	3500-14M-55	**146567**	4.19	3500-14M-85	**146589**	6.46	3500-14M-115	**146611**	8.75	3500-14M-170	**146633**	12.90
3850-14M-40	**146546**	3.33	3850-14M-55	**146568**	4.60	3850-14M-85	**146590**	7.10	3850-14M-115	**146612**	9.62	3850-14M-170	**146634**	14.20
4326-14M-40	**146547**	3.74	4326-14M-55	**146569**	5.17	4326-14M-85	**146591**	8.00	4326-14M-115	**146613**	10.80	4326-14M-170	**146635**	15.96
4578-14M-40	**146548**	3.96	4578-14M-55	**146570**	5.48	4578-14M-85	**146592**	8.45	4578-14M-115	**146614**	11.42	4578-14M-170	**146636**	16.90
4956-14M-40	**146549**	4.29	4956-14M-55	**146571**	5.90	4956-14M-85	**146593**	9.11	4956-14M-115	**146615**	12.33	4956-14M-170	**146637**	18.23
5320-14M-40	**146550**	4.61	5320-14M-55	**146572**	6.33	5320-14M-85	**146594**	9.28	5320-14M-115	**146616**	13.24	5320-14M-170	**146638**	19.57
5740-14M-40	**146551**	4.97	5740-14M-55	**146573**	6.83	5740-14M-85	**146595**	10.55	5740-14M-115	**146617**	14.29	5740-14M-170	**146639**	25.00
6160-14M-40	**146552**	5.33	6160-14M-55	**146574**	7.33	6160-14M-85	**146596**	11.32	6160-14M-115	**146618**	15.34	6160-14M-170	**146640**	22.67
6860-14M-40	**146553**	5.94	6860-14M-55	**146575**	8.16	6860-14M-85	**146597**	12.61	6860-14M-115	**146619**	17.08	6860-14M-170	**146641**	25.25

Overhung Load Calculations

Overhung load is an important consideration for drive design. Motor and reducer bearings are rated for specific load capacities to achieve calculated life. If the drive design is such that bearing loads are exceeded, life will be proportionally reduced. Likewise, if the drive exerts a lesser load on the bearings, life will be extended. Needless to say, drive design that keeps bearing loads below ratings can pay big dividends.

Belt Pull: The basis for overhung load calculation is belt pull. Belt pull is the result of torque being transmitted when the belt exerts a pull on the sprocket diameter.

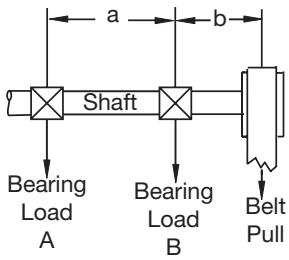
Example: 5 horsepower at 200 RPM is 1,575 inch - pounds of torque. If a 6 inch diameter sprocket is used, (3 inch radius), 1,575/3 = 525 pounds effective belt pull is required. Note that if a larger diameter sprocket is used, belt pull is reduced accordingly.

Belt pull can be calculated using the following formula:

$$\text{Belt Pull (lbs.)} = \frac{126{,}000 \times \text{DHP} \times \text{F}}{\text{RPM} \times \text{PD}}$$

Where: DHP = Design Horsepower
F = Drive Factor (1.3 for sync. belt)
RPM = Shaft RPM
PD = Pitch Diameter of Sprocket

Bearing Load: Belt pull translates into bearing load and is greatly affected by the location of the sprocket on the shaft. Fig. 1 shows an example of what happens as the distance between the centerline of belt pull and the adjacent bearing is extended.



Overhung Sheave

$$\text{Load at B, lbs.} = \frac{\text{Belt Pull} \times (a + b)}{a}$$

FIG. 1

a	b	Belt Pull	Bearing Load "B"
10 in.	1 in.	500 lbs.	550 lbs.
10 in.	5 in.	500 lbs.	750 lbs.

Now consider the same situation for a motor or gearbox. Referring to Fig. 2, it should be obvious that the HT/HTD sprocket should be mounted as close as possible to the face of the gearbox.

As the distance between the gearbox face and HT/HTD sprocket increases, the bearing load is also increased, which leads to a reduction in bearing life.

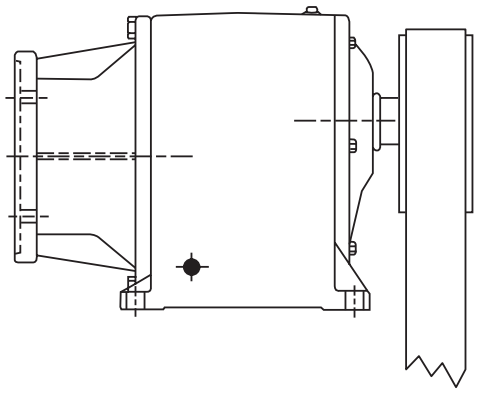


Fig. 2

Another warning from gearbox manufacturers is that the centerline of belt pull should not extend beyond the end of the shaft. Given a choice of a small diameter, wide face-width drive design, or a larger diameter, narrower face-width alternative, the latter would be preferable if bearing life is an important consideration.

Drive Design Considerations

For any given application, there are usually several possible drive alternatives. In some cases, the selection with the smallest diameter sprockets might be the least expensive. As can be seen from the previous discussion, this alternative could be a bad choice. Smaller diameter sprockets lead to higher belt pull; their greater width is also more sensitive to misalignment.

HT/HTD Drive Installation

Sprocket Installation

1. Thoroughly inspect the bore of the sprocket and the tapered surface of the bushing. Any paint, dirt, oil or grease must be removed.
2. Assemble bushing into sprocket. Loosely insert the screws into assembly. At least one sprocket must have flanges.
3. With key in keyseat of shaft, slide sprocket to its desired position with screw heads to the outside. If it is hard to slide the bushing onto the shaft, check shaft for burrs, etc.
4. Line up assembly so as not to misalign belts and tighten screws evenly and progressively. Apply the recommended torque to screws.

Sprocket Alignment

HT/HTD sprocket alignment and parallelism of the shafts are very important. Proper alignment helps to equalize the load across the entire belt width, thereby reducing wear and extending belt life.

Place a straightedge against the outside edge of the sprockets and move sprockets until the straightedge touches the two outside and two inside edges of the sprockets. The straightedge should cross the sprockets as close to the shafts as possible. A string can be used if a straightedge is not available. Remember the string should contact at four points as explained above. (See illustration on page 120.)

After aligning the sprockets, check the rigidity of the supporting framework. Shafts should be well supported to prevent distortion and a resulting change in the center distance under load. Do not use spring-loaded or weighted idlers. Idler sprockets or pulleys must be locked into position after adjusting belt tension.

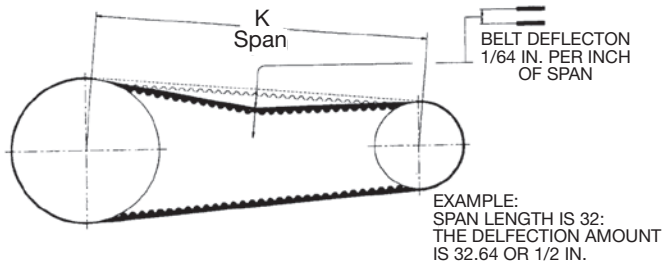
Belt Installation & Tensioning

Do not pry or otherwise force the belt onto the sprockets, as this can result in permanent damage to the belt. Reduce the center distance between the pulleys so that the belt can be easily installed.

HT250 drives must be properly tensioned. If the belt is too loose, it may jump teeth when heavier loads are applied. If the belt is too tight, belt life will suffer, and bearings will be unnecessarily overloaded. Improper tension can result in excessive drive noise.

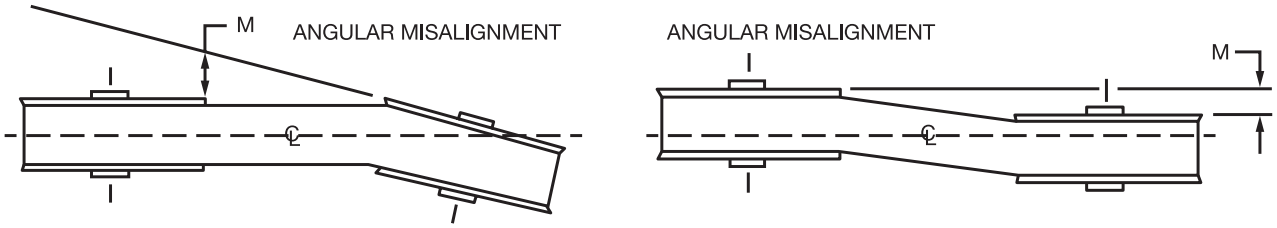
Tensioning procedure: First, measure the span length and calculate the deflection distance of 1/64, per inch span (see illustration).

Use the formula method on page 120 to calculate recommended deflection forces.



Apply a force (from the table) at the center of the span. Measure the deflection with this force applied. Move the center distance until the proper deflection is obtained.

Drive Alignment



Good tracking of synchronous belts on their sprockets depends upon alignment to within 1/4 degree. This translates to a maximum “M” dimension of 0.05 in. per foot center distance.

Drive Tensioning

Formula Method

The formula method for determining belt tension may be used for greater accuracy, or for applications that fall out of guidelines given for the Simplified Method on page 119.

Step 1. Calculate Min. Installation Tension:

Formula 1: $T = \frac{20\,(HP)}{V} + mV^2$

Where:

HP = Horsepower

$V = \frac{\text{Belt Velocity (in FPM)}}{1000}$

m = Value in Table 1

Belt Velocity = PD x RPM x .262
(PD = Pitch Dia. in inches)

***Important!** If formula calculation for “T” is less than “Min T. Value” (Table 1) use the “Min T. Value” for T. Always use the greater T value: i.e. from T Formula 1 or Table 1.

Step 2. Calculate Deflection Forces:

Formula 2: $\text{Min Force} = \frac{1.0T + (K/L)Y\ \text{(lbs.)}}{16}$

Formula 3: $\text{Max Force} = \frac{1.1T + (K/L)Y\ \text{(lbs.)}}{16}$

Note: For used belt, use 0.7T to 0.8T instead of the 1.0T and 1.1T for new belts.
T = Static tension, lbs.
K = Span length, inches
L = Belt length, inches
Y = Factor from Table 1

Step 3. Adjust tension per Simplified Method Procedure on page 119 using deflection forces from Step 2.

TABLE 1

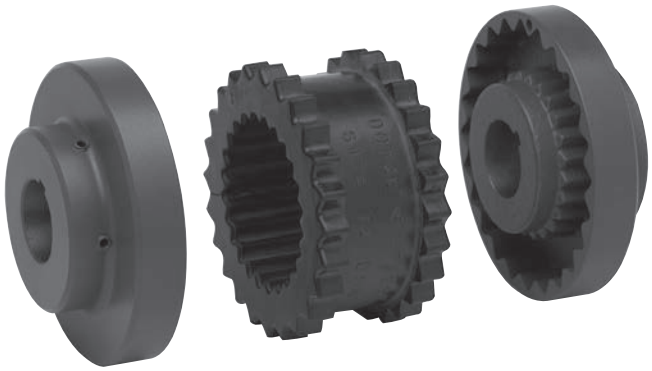
Belt		Factors		Min. T Value*
Pitch	Width	m	Y	
5mm	15mm	0.28	24.9	14.1
5mm	25mm	0.47	41.5	23.4
8mm	20mm	0.58	34.2	18.5
8mm	30mm	0.88	51.3	30.0
8mm	50mm	1.46	85.5	52.0
8mm	85mm	2.45	145.3	94.5
14mm	40mm	1.78	93.0	76.5
14mm	55mm	2.44	127.9	120.0
14mm	85mm	3.77	197.7	205.5
14mm	115mm	5.11	267.5	291.0
14mm	170mm	7.55	395.4	447.0
20mm	115mm	7.24	367.0	391.5
20mm	170mm	10.71	542.5	603.0
20mm	230mm	14.49	734.0	834.0
20mm	290mm	18.27	925.4	1065.0
20mm	340mm	21.42	1085.0	1257.5

The Dodge Coupling Family:

UNIQUELY ENGINEERED TO DAMP VIBRATION, ACCOMMODATE SHAFT MISALIGNMENT, AND ELIMINATE UNEXPECTED DOWNTIME.

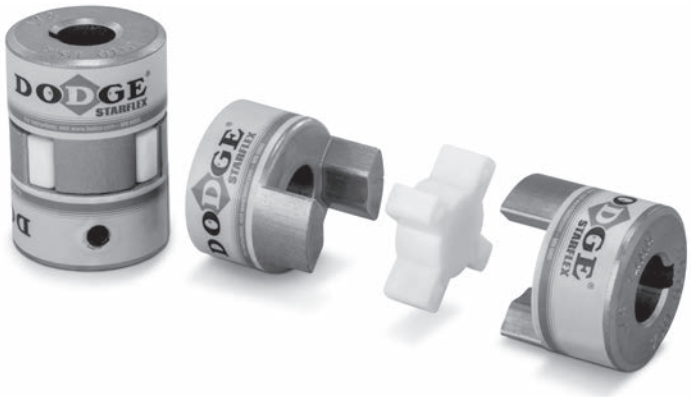
Baldor has manufactured couplings for over 100 years and has earned a reputation for developing innovative products that lower customers' total costs of ownership.

The Dodge coupling product line can offer a solution to almost any customer need. With a wide elastomeric coupling product offering featuring StarFlex jaw, D-Flex sleeve, and Para-Flex® tire style couplings, Baldor can provide a coupling with the potential to increase torque capacity, accommodate shaft misalignment, extend driven equipment life, and put an end to unexpected downtime.



D-FLEX

PARA-FLEX



STARFLEX

Coupling Selection Methods:

StarFlex, D-Flex, & Para-Flex®
HP/100 Method

Step 1: Obtain required service factor from Service Factor tables on pages 124 and 125.

Step 2: Determine the application HP per 100 RPM

$$\text{HP / 100 RPM} = \frac{\text{Motor HP x 100 x Service Factor}}{\text{Coupling RPM}}$$

Step 3: From rating tables, find a rating equal to or greater than the HP/100 RPM. Note coupling size from left hand column.

Step 4: Check maximum speed (RPM) capability.

Step 5: Check maximum bore capacity. If maximum bore is exceeded, move to larger size with adequate bore-but be sure maximum speed of coupling is not exceeded

Torque Method:

Step 1: Obtain required service factor from Service Factor tables on pages 124 and 125.

Step 2: Determine torque required for application.

$$\text{Torque (in. - lbs.)} = \frac{63025 \text{ x HP x SF}}{\text{Coupling RPM}}$$

Step 3: From rating tables, find a rating equal to or greater than the torque. Note coupling size from left hand column.

Step 4: Check maximum speed (RPM) capability.

Step 5: Check maximum bore capacity. If maximum bore is exceeded, move to larger size with adequate bore-but be sure maximum speed of coupling is not exceeded.

NOTE: If spring set motor brake is used, and brake HP is greater than prime mover, use brake HP in place of motor HP.

NOTE: If system peak torque is known and is non-reversing, start at Step 3. If system peak torque is known and reversing, multiply by 2.0 and start at Step 3.

NOTE: Selection program “Couple” available on www.ptwizard.com.

Service Factor

Service Factor Calculation:

To calculate the appropriate service factor for your coupling selection, both the driver and the driven device have to be known. From this information, determine the application service factor from the chart on the following pages and the driver service factor adder in the chart below.

To obtain the service factor, the driver service factor adder has to be added (1) to the application service factor.

Example: To calculate the service factor for a D-Flex used on a gyratory crusher driven by a high torque AC motor, the application service factor is 2.00 and the driver service factor adder is 0.50. So, the service factor will be 2.00 + 0.50 = 2.50.

(1) Either add positive values or subtract negative values.

DRIVER SERVICE FACTOR ADDERS

		StarFlex	D-Flex	Para-Flex®
Electric Motor w / Standard Torque		0	0	0
Electric Motor w / High Torque SF < 1.25		0.25	0.25	0
Electric Motor w / High Torque SF > 1.25		0.25	0.5	0
Steam Turbines SF < 1.5		0	-0.25	0
Steam Turbines SF > 1.5		0	-0.5	0
Reciprocating Engines* **	**1- cyl**	0.7	*	*
	2-3 cyl	0.3	*	*
	4-5-cyl SF < 1.25	0	0.25	0.5
	4-5-cyl SF > 1.25	0	0.5	0.5
	6-11 cyl SF < 1.25	0	0.25	0.5
	6-11 cyl SF > 1.25	0	0.5	0.5
	12 or more cyl SF < 1.25	0	0.25	0
	12 or more cyl SF > 1.25	0	0.5	0

*** The service factors shown are for reference only. Reciprocating applications may apply substantial loads on the coupling and/or induce vibration. This could seriously damage the system. Consult Baldor for assistance with these drives.

* Contact Baldor for technical assistance.

Service Factors

Application Service Factors	StarFlex	D-Flex	Para-Flex®
Agitators	1.00	1.25	1.00
Blowers			
Centrifugal	1.00	1.25	1.00
Lobe	1.25	1.50	1.50
Vane	1.25	1.25	1.00
Brewing & Distilling			
Bottling Machinery, Brew Kettles (distilling)	1.25	1.25	1.00
Cookers	1.25	1.25	1.00
Car Dumpers	2.50	2.00	1.50
Car Pullers	1.50	1.50	1.50
Compressors **			
Centrifugal	1.00	1.25	1.00
Screw	1.25	1.25	1.00
Lobe	1.25	2.00	2.00
Reciprocating			
1 Cylinder - Single Acting	*	*	3.50
1 Cylinder - Double Acting	*	*	3.00
2 Cylinder- Single Acting	*	*	3.00
2 Cylinder - Double Acting	*	*	2.50
3 Cl, or More - Single Acting	*	*	2.50
3 Cl, or More - Double Acting	*	*	2.00
Conveyors			
Assembly, Belt, Oven, Screw	1.2	1.25	1.00
Cranes & Hoist			
Main Hoist - Medium Duty	1.50	1.50	1.50
Main Hoist - Heavy Duty	2.00	2.00	2.00
Crushers			
Cane	3.50	2.00	2.00
Gyratory	3.00	*	2.50
Dredges			
Cable Reels	2.00	1.50	1.50
Cutter Head Drives	2.50	2.00	2.50
Maneuvering and Utility Winch, Pumps	1.50	1.50	1.50
Dynamometer	1.50	1.25	1.00
Fans			
Centrifugal	1.00	1.25	1.00
Cooling Towers	2.00	2.00	2.00
Forced Draft Propeller	1.50	2.00	1.50
Feeders			
Belt	1.00	1.25	-
Screw	1.00	1.50	-
Reciprocating	2.50	2.00	-
Filter, Press-oil	1.50	1.50	-
Generators			
Hoist	1.50	1.50	1.50
Welding	2.00	2.00	2.00
Kilns	1.50	2.00	2.00
Lumber Machinery			
Band Resaw	1.50	1.50	1.50
Barkers, Edger Feeder, Log Haul	2.00	2.00	2.00
Planer, Slab Conveyor	2.00	1.50	1.50
Live Roll - Reciprocating	2.00	2.00	2.00
Sawdust Conveyor	1.25	1.25	1.00

Service Factors

Application Service Factors	StarFlex	D-Flex	Para-Flex®
Machine Tools			
Main Drive	1.50	1.50	1.50
Punch Press - Gear Driven, Plate Planer	2.00	1.50	1.50
Metal Forming Machines			
Draw Bench, Carriage & Main Drive	2.00	2.00	2.00
Extruder	2.00	2.00	2.00
Wire Drawing	2.00	1.50	2.00
Mills, Rotary Type			
Ball, Pebble	2.00	2.00	2.50
Tube	2.00	2.00	2.50
Rod	2.00	2.00	2.50
Dryers, Coolers	2.00	1.50	1.50
Tumbling, Tumbling Barrel, Rubber Tumbling	1.50	2.00	1.50
Mixers			
Concrete, continuous	1.75	1.50	1.50
Muller	1.50	1.50	1.50
Oil Industry			
Chiller (oil)	1.50	1.50	1.00
Paper Mills			
Agitator (mixers), Reel, Winder	1.20	1.25	1.00
Barking Drum	2.50	2.00	2.50
Beater, Pulper	2.00	1.50	1.50
Jordans	2.00	2.00	2.00
Calenders	1.50	2.00	2.00
Suction Roll (paper)	1.50	1.50	2.00
Winder	1.20	1.50	1.50
Printing Presses	1.50	1.50	1.50
Puller - Barge Hall	2.00	2.00	2.50
Pulverisers			
Hammermill - Light Duty	2.00	1.50	1.50
Hammermill - Heavy Duty	2.00	2.00	2.00
Pug Mill	1.75	1.50	1.50
Pumps			
Centrifugal	1.00	1.25	1.00
Gear	1.25	1.50	1.50
Reciprocating:			
1 - Cyl, Single Acting	2.00	*	2.50
1 - Cyl, Double Acting	2.00	*	2.00
2 - Cyl, Single Acting	2.00	*	2.00
2 - Cyl, Double Acting	1.75	*	1.50
3 or More Cyl	1.50	*	1.50
Rubber Machinery			
Banbury Mixers	2.50	2.00	2.50
Calender	2.00	2.00	2.00
Screens			
Air Washing, Water	1.00	1.25	1.00
Coal and Sand Rotary	1.50	1.50	1.50
Vibrating	2.50	2.00	2.50
Grizzly	2.00	2.00	2.00
Textile Machinery			
Card Machine	1.75	1.50	1.50
Mangel	1.20	1.25	1.00
Loom, Spinner, Tenter frames	1.50	1.50	1.50
Tumbling Barrels	1.75	2.00	2.00
Windlass	2.00	1.50	1.50
Woodworking Machines	1.00	1.25	1.00

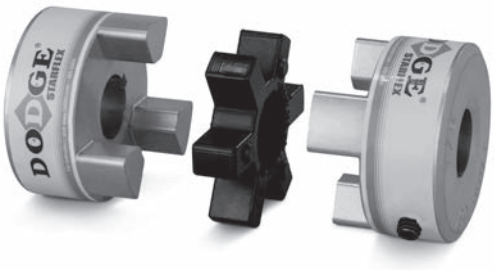
* Contact Baldor for technical assistance

** Add 0.5 to factor if without flywheel

FEATURES/BENEFITS

BALDOR · DODGE

StarFlex Couplings



The most commonly used elastomeric coupling for a wide variety of light to medium-duty applications.

Features:

- Interchangeable by part number and size with industry standard components
- Cost saving component
- Four types of insert materials for a wide range of applications in varying temperatures and environments

Product Features:

- High torque capability
- Easy Installation
- Misalignment capability
- No metal-to-metal contact

Note:

Careful selection of the type of insert based on the service factor will result in efficient, long-lasting operations

How to Order

A complete StarFlex coupling assembly consists of one element and two hubs.

Nomenclature

Hubs

L 075 x 5/8

Hub Size — L 075

Bore Size — 5/8

Elements

L 075 N

Element Size — L 075

Element Material — N

N = NBR Rubber
U = Urethane
H = Hytrel
B = Bronze

StarFlex Couplings

Note:
Selecting the proper insert material plays an important part in the performance of the product.

ELEMENT CHARACTERISTICS

Properties	Temperature Range	Misalignment		Shore Hardness	Damping Capacity	Chemical Resistance	Color
		Angular (Degrees)	Parallel (in.)				
NBR (Rubber): Nitrile Butadiene Rubber is a flexible elastomer that is oil resistant, with the resilience and elasticity of natural rubber. Most economical and widely-used.	-40° to +212° F -40° to +100° C	1°	.015	80A	HIGH	GOOD	BLACK 
Urethane: Urethane has 1.5 times greater torque capacity than NBR, provides less vibration damping, and has good resistance to oil and chemicals. Not recommended for high cycle applications.	-30° to +160° F -34° to +71° C	1°	.015	55D L050-L110 90-95A L150-L225	LOW	VERY GOOD	ORANGE 
Hytrel: Hytrel is a flexible elastomer suited to high torque and temperature applications. Excellent resistance to oil and chemicals. Not recommended for high cycle applications.	-60° to +250° F -51° to 121° C	1/2°	.015	55D	LOW	EXCELLENT	BEIGE 
Bronze: Bronze is a rigid, oil-impregnated metal insert designed for high torque, slow speed applications. (Maximum 250 RPM) Not effected by extreme extreme environments (temperature, water, oil, dirt).	-40° to +450° F -40° to +232° C	1/2°	.010	–	NIL	EXCELLENT	GOLD 

Jaw Couplings Advantages

Jaw couplings are fail-safe - if the insert element wears or breaks away, the coupling continues to operate until the insert can be conveniently replaced.

Simple design means easy installation, removal, and visual inspection. It also offers lighter weight and lower cost when compared to other coupling styles with similar torque capacity.

Insert Choice

The choice of the insert element makes a significant difference in the coupling's performance with regards to torque rating, vibration, temperature, chemical resistance, misalignment, speed, installation and removal.

Maintenance Tips

Through manual inspection, avoid allowing the jaw tips to come into contact; a noisy, grinding operation will result. Replace the insert if signs of wear are evident.

Do not over-estimate service factors when choosing the coupling. This increases costs unnecessarily and can cause damage elsewhere in the drive. Due to the variety of inserts available, careful selection will result in efficient, long-lasting operation.

StarFlex Couplings

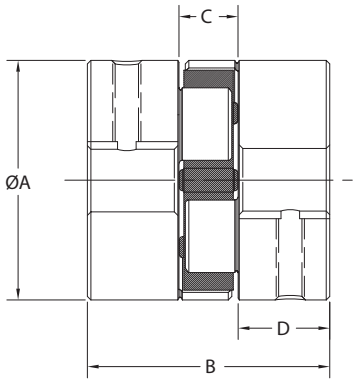
ELEMENT PART NUMBERS

Spider Element Style	L035	L050	L070	L075	L090	L095	L099	L100	L110	L150	L190	L225
NBR Rubber (Solid)	L035N	L050N	L070N	L075N	L090-095N		L099-100N		L110N	L150N	L190N	L225N
NBR Rubber (Open Center)	–	–	–	L075N-HOLE	L090-095N-HOLE		L099-100N-HOLE		L110N-HOLE	L150N-HOLE	L190N-HOLE	L225N-HOLE
Urethane (Solid)	–	L050U	L070U	L075U	L090-095U		L099-100U		L110U	L150U	L190U	L225U
Urethane (Open Center)	–	–	L070U-HOLE	L075U-HOLE	L090-095U-HOLE		L099-100U-HOLE		L110U-HOLE	L150U-HOLE	–	–
Hytrel (Solid)	–	L050H	L070H	L075H	L090-095H		L099-100H		L110H	L150H	L190H	L225H
Hytrel (Open Center)	–	–	L070H-HOLE	L075H-HOLE	L090-095H-HOLE		L099-100H-HOLE		L110H-HOLE	L150H-HOLE	L190H-HOLE	L225H-HOLE
Bronze (Open Center)	–	L050B	L070B	L075B	L090-095B		L099-100B		L110B	L150B	L190B	L225B

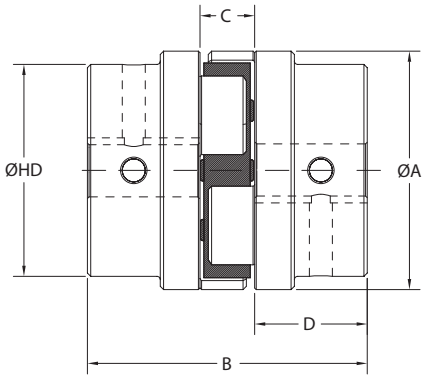
TORQUE, SPEED, AND MISALIGNMENT RATINGS

Size	Torque and Speed Ratings						Misalignment Ratings			
	Torque (in. - lbs.)				Speed (RPM)		Parallel (in.)		Angular	
	NBR	Urethane	Hytrel	Bronze	NBR, Urethane, Hytrel	Bronze	NBR, Urethane, Hytrel	Bronze	NBR, Urethane	Hytrel, Bronze
L035	3.5	–	–	–	31,000	250	0.015	–	–	–
L050	26	39	50	50	18,000	250	0.015	0.010	1°	1/2°
L070	43	65	114	114	14,000	250	0.015	0.010	1°	1/2°
L075	90	135	227	227	11,000	250	0.015	0.010	1°	1/2°
L090	144	216	401	401	9,000	250	0.015	0.010	1°	1/2°
L095	194	291	561	561	9,000	250	0.015	0.010	1°	1/2°
L099	318	477	792	792	7,000	250	0.015	0.010	1°	1/2°
L100	417	626	1,134	1,134	7,000	250	0.015	0.010	1°	1/2°
L110	792	1,188	2,268	2,268	5,000	250	0.015	0.010	1°	1/2°
L150	1,240	2,860	3,708	3,708	5,000	250	0.015	0.010	1°	1/2°
L190	1,728	2,592	4,680	4,680	5,000	250	0.015	0.010	1°	1/2°
L225	2,340	3,510	6,228	6,228	4,200	250	0.015	0.010	1°	1/2°

StarFlex Couplings



TYPE 1



TYPE 2

Size	Type	Min. Bore	Max. Bore	Outside Diameter (A)	Hub Diameter (HD)	Overall Length (B)	Distance between Hubs (C)	Length through Bore (D)	Weight (lbs.) [1]	Inertia (lbs.-in.^{2})
L035	1	1/8 (4mm)	3/8 (8mm)	5/8	–	13/16	9/32	17/64	0.10	0.003
L050	1	3/16 (5mm)	5/8 (16mm)	1-1/16	–	1-23/32	15/32	5/8	0.25	0.054
L070	1	3/16 (7mm)	3/4 (19mm)	1-3/8	–	2	1/2	3/4	0.50	0.115
L075	1	3/16 (9mm)	7/8 (22mm)	1-3/4	–	2-1/8	1/2	13/16	0.90	0.388
L090	1	3/16 (8mm)	1 (25mm)	2-1/8	–	2-9/64	33/64	13/16	1.35	0.772
L095	1	7/16 (11mm)	1-1/8 (28mm)	2-1/8	–	2-33/64	33/64	1	1.55	0.890
L099	1	7/16 (14mm)	1-3/16 (30mm)	2-17/32	–	2-27/32	23/32	1-1/16	2.25	2.048
L100	1	7/16 (12mm)	1-3/8 (35mm)	2-17/32	–	3-15/32	23/32	1-3/8	2.80	2.783
L110	1	5/8 (16mm)	1-5/8 (42mm)	3-5/16	–	4-1/4	7/8	1-11/16	5.95	8.993
L150	1	5/8 (16mm)	1-7/8 (48mm)	3-3/4	–	4-1/2	1	1-3/4	7.90	11.477
L190	2	3/4 (19mm)	2-1/8 (55mm)	4-1/2	4	5	1	2	13.80	39.256
L225	2	3/4 (3 0mm)	2-5/8 (65mm)	5	4-1/4	5-3/8	1	2-3/16	17.30	65.000

(1) Average weight for complete coupling assembly

StarFlex Couplings

INCH SERIES: STANDARD BORES AND KEYWAYS

Bore (in.)	Keyway (in.)	L035	L050	L070	L075	L090	L095
1/8	No kW	L035x1/8	–	–	–	–	–
3/16	No kW	L035x3/16	L050x3/16	L070x3/16	L075x3/16	L090x3/16	–
1/4	No kW	L035x1/4	L050x1/4	L070x1/4	L075x1/4	L090x1/4	–
1/4	1/8 x 1/16	–	–	–	L075x1/4kW	–	–
5/16	No kW	L035x5/16	L050x5/16	–	L075x5/16	L090x5/16	–
3/8	No kW	L035x3/8	L050x3/8	L070x3/8	L075x3/8	L090x3/8	–
3/8	3/32 x 3/64	–	L050x3/8kW3/32	L070x3/8kW3/32	L075x3/8kW3/32	L090x3/8kW3/32	–
3/8	1/8 x 1/16	–	L050x1/8kW1/8	L070x3/8kW1/8	L075x3/8kW1/8	L090x3/8kW1/8	–
7/16	No kW	–	L050x7/16	L070x7/16	L075x7/16	L090x7/16	L095x7/16
7/16	3/32 x 3/64	–	L050x7/16kW3/32	L070x7/16kW3/32	L075x7/16kW3/32	L090x7/16kW3/32	L095x7/16kW3/32
7/16	1/8 x 1/16	–	–	L070x7/16kW1/8	L075x7/16kW1/8	L090x7/16kW1/8	L095x7/16kW1/8
1/2	No kW	–	L050x1/2	L070x1/2	L075x1/2	L090x1/2	L095x1/2
1/2	1/8 x 1/16	–	L050x1/2kW	L070x1/2kW	L075x1/2kW	L090x1/2kW	L095x1/2kW
9/16	No kW	–	L050x9/16NOkW	L070x9/16NOkW	L075x9/16NOkW	L090x9/16NOkW	L095x9/16NOkW
9/16	1/8 x 1/16	–	L050x9/16	L070x9/16	L075x9/16	L090x9/16	L095x9/16
5/8	No kW	–	L050x5/8NOkW	L070x5/8NOkW	L075x5/8NOkW	L090x5/8NOkW	L095x5/8NOkW
5/8	5/32 x 5/64	–	–	L070x5/8kW5/32	L075x5/8kW5/32	L090x5/8kW5/32	L095x5/8kW5/32
5/8	3/16 x 3/32	–	L050x5/8	L070x5/8	L075x5/8	L090x5/8	L095x5/8
11/16	3/16 x 3/32	–	–	L070x11/16	L075x11/16	L090x11/16	L095x11/16
3/4	No kW	–	–	L070x3/4NOkW	L075x3/4NOkW	L090x3/4NOkW	L095x3/4NOkW
3/4	1/8 x 1/16	–	–	L070x3/4kW1/8	L075x3/4kW1/8	L090x3/4kW1/8	L095x3/4kW1/8
3/4	3/16 x 3/32	–	–	L070x3/4kW	L075x3/4	L090x3/4	L095x3/4
13/16	3/16 x 3/32	–	–	–	L075x13/16	L090x13/16	L095x13/16
7/8	No kW	–	–	–	L075x7/8NOkW	–	–
7/8	3/16 x 3/32	–	–	–	L075x7/8	L090x7/8	L095x7/8
7/8	1/4 x 1/8	–	–	–	–	L090x7/8kW1/4	L095x7/8kW1/4
15/16	1/4 x 1/8	–	–	–	–	L090x15/16	L095x15/16
1	1/4 x 1/8	–	–	–	–	L090x1	L095x1
1	3/16 x 3/32	–	–	–	–	L090x1kW3/16	L095x1kW13/16
1-1/16	1/4 x 1/8	–	–	–	–	–	L095x1-1/16
1-1/8	1/4 x 1/8	–	–	–	–	–	L095x1-1/8
1-3/16	1/4 x 1/8	–	–	–	–	–	–
1-1/4	1/4 x 1/8	–	–	–	–	–	–
1-1/4	5/16 x 5/32	–	–	–	–	–	–
1-5/16	5/16 x 5/32	–	–	–	–	–	–
1-3/8	5/16 x 5/32	–	–	–	–	–	–
1-3/8	3/8 x 3/16	–	–	–	–	–	–
1-7/16	3/8 x 3/16	–	–	–	–	–	–
1-1/2	5/16 x 5/32	–	–	–	–	–	–
1-1/2	3/8 x 3/16	–	–	–	–	–	–
1-9/16	3/8 x 3/16	–	–	–	–	–	–
1-5/8	3/8 x 3/16	–	–	–	–	–	–
1-11/16	3/8 x 3/16	–	–	–	–	–	–
1-3/4	3/8 x 3/16	–	–	–	–	–	–
1-3/4	3/8 x 3/16	–	–	–	–	–	–
1-13/16	1/2 x 1/4	–	–	–	–	–	–
1-7/8	1/2 x 1/4	–	–	–	–	–	–
1-15/16	1/2 x 1/4	–	–	–	–	–	–
2	1/2 x 1/4	–	–	–	–	–	–
2-1/16	1/2 x 1/4	–	–	–	–	–	–
2-1/8	1/2 x 1/4	–	–	–	–	–	–
2-3/16	1/2 x 1/4	–	–	–	–	–	–
2-1/4	1/2 x 1/4	–	–	–	–	–	–
2-3/8	5/8 x 5/16	–	–	–	–	–	–
2-1/2	5/8 x 5/16	–	–	–	–	–	–
2-5/8	5/8 x 5/16	–	–	–	–	–	–

Hub Part Number = Size X bore
For example, L070x5/8

StarFlex Couplings

INCH SERIES: STANDARD BORES AND KEYWAYS

Bore (in.)	Keyway (in.)	L099	L100	L110	L150	L190	L225
1/8	No kW	–	–	–	–	–	–
3/16	No kW	–	–	–	–	–	–
1/4	No kW	–	–	–	–	–	–
1/4	1/8 x 1/16	–	–	–	–	–	–
5/16	No kW	–	–	–	–	–	–
3/8	No kW	–	–	–	–	–	–
3/8	3/32 x 3/64	–	–	–	–	–	–
3/8	1/8 x 1/16	–	–	–	–	–	–
7/16	No kW	L099x7/16	L100x7/16	–	–	–	–
7/16	3/32 x 3/64	L099x7/16kW3/32	L100x7/16kW3/32	–	–	–	–
7/16	1/8 x 1/16	L099x7/16kW1/8	L100x7/16kW1/8	–	–	–	–
1/2	No kW	L099x1/2	L100x1/2	–	–	–	–
1/2	1/8 x 1/16	L099x1/2kW	L100x1/2kW	–	–	–	–
9/16	No kW	L099x9/16NOkW	L100x9/16NOkW	–	–	–	–
9/16	1/8 x 1/16	L099x9/16	L100x9/16	–	–	–	–
5/8	No kW	L099x5/8NOkW	L100x5/8NOkW	L110x5/8NOkW	L150x5/8NOkW	–	–
5/8	5/32 x 5/64	L099x5/8kW5/32	L100x5/8kW5/32	L110x5/8kW5/32	L150x5/8kW5/32	–	–
5/8	3/16 x 3/32	L099x5/8	L100x5/8	L110x5/8	L150x5/8	–	–
11/16	3/16 x 3/32	L099x11/16	L100x11/16	L110x11/16	L150x11/16	–	–
3/4	No kW	L099x3/4NOkW	L100x3/4NOkW	–	–	L190x3/4NOkW	L225x3/4NOkW
3/4	1/8 x 1/16	L099x3/4kW1/8	L100x3/4kW1/8	L110x3/4kW1/8	L150x3/4kW1/8	L190x3/4kW1/8	–
3/4	3/16 x 3/32	L099x3/4	L100x3/4	L110x3/4	L150x3/4	L190x3/4	L225x3/4
13/16	3/16 x 3/32	L099x13/16	L100x13/16	L110x13/16	L150x13/16	L190x13/16	L225x13/16
7/8	No kW	L099x7/8NOkW	–	–	–	–	–
7/8	3/16 x 3/32	L099x7/8	L100x7/8	L110x7/8	L150x7/8	L190x7/8	L225x7/8
7/8	1/4 x 1/8	L099x7/8kW1/4	L100x7/8kW1/4	L110x7/8kW1/4	L150x7/8kW1/4	L190x7/8kW1/4	L225x7/8kW1/4
15/16	1/4 x 1/8	L099x15/16	L100x15/16	L110x15/16	L150x15/16	L190x15/16	L225x15/16
1	1/4 x 1/8	L099x1	L100x1	L110x1	L150x1	L190x1	L225x1
1	3/16 x 3/32	L099x1kW13/16	L100x1kW13/16	L110x1kW3/16	L150x1kW3/16	L190x1kW3/16	L225x1kW3/16
1-1/16	1/4 x 1/8	L099x1-1/16	L100x1-1/16	L110x1-1/16	L150x1-1/16	L190x1-1/16	L225x1-1/16
1-1/8	1/4 x 1/8	L099x1-1/8	L100x1-1/8	L110x1-1/8	L150x1-1/8	L190x1-1/8	L225x1-1/8
1-3/16	1/4 x 1/8	L099x1-3/16	L100x1-3/16	L110x1-3/16	L150x1-3/16	L190x1-3/16	L225x1-3/16
1-1/4	1/4 x 1/8	–	L100x1-1/4	L110x1-1/4	L150x1-1/4	L190x1-1/4	L225x1-1/4
1-1/4	5/16 x 5/32	–	L100x1-1/4kW	L110x1-1/4kW	L150x1-1/4kW	L190x1-1/4kW	L225x1-1/4kW
1-5/16	5/16 x 5/32	–	L100x1-5/16	L110x1-5/16	L150x1-5/16	L190x1-5/16	L225x1-5/16
1-3/8	5/16 x 5/32	–	L100x1-3/8	L110x1-3/8	L150x1-3/8	L190x1-3/8	L225x1-3/8
1-3/8	3/8 x 3/16	–	L100x1-3/8kW	L110x1-3/8kW	L150x1-3/8kW	L190x1-3/8kW	L225x1-3/8kW
1-7/16	3/8 x 3/16	–	–	L110x1-7/16	L150x1-7/16	L190x1-7/16	L225x1-7/16
1-1/2	5/16 x 5/32	–	–	L110x1-1/2kW	L150x1-1/2kW	L190x1-1/2kW	L225x1-1/2kW
1-1/2	3/8 x 3/16	–	–	L110x1-1/2	L150x1-1/2	L190x1-1/2	L225x1-1/2
1-9/16	3/8 x 3/16	–	–	L110x1-9/16	L150x1-9/16	L190x1-9/16	L225x1-9/16
1-5/8	3/8 x 3/16	–	–	L110x1-5/8	L150x1-5/8	L190x1-5/8	L225x1-5/8
1-11/16	3/8 x 3/16	–	–	–	L150x1-11/16	L190x1-11/16	L225x1-11/16
1-3/4	3/8 x 3/16	–	–	–	L150x1-3/4	L190x1-3/4	L225x1-3/4
1-3/4	3/8 x 3/16	–	–	–	L150x1-3/4kW	L190x1-3/4kW	L225x1-3/4kW
1-13/16	1/2 x 1/4	–	–	–	L150x1-13/16	L190x1-13/16	L225x1-13/16
1-7/8	1/2 x 1/4	–	–	–	L150x1-7/8	L190x1-7/8	L225x1-7/8
1-15/16	1/2 x 1/4	–	–	–	–	L190x1-15/16	L225x1-15/16
2	1/2 x 1/4	–	–	–	–	L190x2	L225x2
2-1/16	1/2 x 1/4	–	–	–	–	L190x2-1/16	L225x2-1/16
2-1/8	1/2 x 1/4	–	–	–	–	L190x2-1/8	L225x2-1/8
2-3/16	1/2 x 1/4	–	–	–	–	–	L225x2-3/16
2-1/4	1/2 x 1/4	–	–	–	–	–	L225x2-1/4
2-3/8	5/8 x 5/16	–	–	–	–	–	L225x2-3/8
2-1/2	5/8 x 5/16	–	–	–	–	–	L225x2-1/2
2-5/8	5/8 x 5/16	–	–	–	–	–	L225x2-5/8

Hub Part Number = Size X bore
For example, L070x5/8

StarFlex Couplings

METRIC SERIES: STANDARD BORES AND KEYWAYS

Bore (mm)	Keyway (mm)	L035	L050	L070	L075	L090	L095
4	No kW	L035x4MM	–	–	–	–	–
5	No kW	L035x5MM	L050x5MM	–	–	–	–
6	No kW	L035x6MM	L050x6MM	–	–	–	–
7	No kW	L035x7MM	L050x7MM	L070x7MM	–	–	–
8	No kW	L035x8MM	L050x8MM	L070x8MM	–	L090x8MM	–
9	3 x 1.4	–	L050x9MM	L070x9MM	L075x9MM	–	–
10	No kW	–	L050x10MM	L070x10MM	L075x10MM	–	–
	3 x 1.4	–	L050x10MM	L070x10MM	L075x10MM	L090x10MM	–
11	4 x 1.8	–	L050x11MM	L070x11MM	L075x11MM	–	L095x11MM
12	No kW	–	L050x12MM	L070x12MM	–	L090x12MM	–
	4 x 1.8	–	L050x12MM	L070x12MM	L075x12MM	L090x12MM	L095x12MM
14	No kW	–	L050x14MM	–	–	L090x14MM	L095x14MM
	5 x 2.3	–	L050x14MM	L070x14MM	L075x14MM	L090x14MM	L095x14MM
15	No kW	–	L050x15MM	L070x15MM	L075x15MM	–	L095x15MM
	5 x 2.3	–	L050x15MM	L070x15MM	L075x15MM	L090x15MM	L095x15MM
16	5 x 2.3	–	L050x16MM	L070x16MM	L075x16MM	L090x16MM	L095x16MM
17	5 x 2.3	–	–	L070x17MM	L075x17MM	L090x17MM	L095x17MM
18	6 x 2.8	–	–	L070x18MM	L075x18MM	L090x18MM	L095x18MM
19	No kW	–	–	–	–	L090x19MM	–
	6 x 2.8	–	–	L070x19MM	L075x19MM	L090x19MM	L095x19MM
20	6 x 2.8	–	–	–	L075x20MM	L090x20MM	L095x20MM
22	6 x 2.8	–	–	–	L075x22MM	L090x22MM	L095x22MM
24	8 x 3.3	–	–	–	–	L090x24MM	L095x24MM
25	8 x 3.3	–	–	–	–	L090x25MM	L095x25MM
28	No kW	–	–	–	–	–	–
	8 x 3.3	–	–	–	–	–	L095x28MM
30	8 x 3.3	–	–	–	–	–	–
32	No kW	–	–	–	–	–	–
	10 x 3.3	–	–	–	–	–	–
35	No kW	–	–	–	–	–	–
	10 x 3.3	–	–	–	–	–	–
38	10 x 3.3	–	–	–	–	–	–
40	12 x 3.3	–	–	–	–	–	–
42	12 x 3.3	–	–	–	–	–	–
45	14 x 3.8	–	–	–	–	–	–
48	No kW	–	–	–	–	–	–
	14 x 3.8	–	–	–	–	–	–
50	No kW	–	–	–	–	–	–
	14 x 3.8	–	–	–	–	–	–
55	No kW	–	–	–	–	–	–
	16 x 4.3	–	–	–	–	–	–
60	No kW	–	–	–	–	–	–
	18 x 4.4	–	–	–	–	–	–
65	18 x 4.4	–	–	–	–	–	–

Hub Part Number = Size X bore
For example, L070x5/8

StarFlex Couplings

METRIC SERIES: STANDARD BORES AND KEYWAYS

Bore (mm)	Keyway (mm)	L099	L100	L110	L150	L190	L225
4	No kW	–	–	–	–	–	–
5	No kW	–	–	–	–	–	–
6	No kW	–	–	–	–	–	–
7	No kW	–	–	–	–	–	–
8	No kW	–	–	–	–	–	–
9	3 x 1.4	–	–	–	–	–	–
10	No kW	–	–	–	–	–	–
	3 x 1.4	–	–	–	–	–	–
11	4 x 1.8	–	–	–	–	–	–
12	No kW	–	–	–	–	–	–
	4 x 1.8	–	L100x12MM-PB	–	–	–	–
14	No kW	L099x14MM-PB	–	–	–	–	–
	5 x 2.3	L099x14MM	L100x14MM	–	–	–	–
15	No kW	L099x15MM	L100x15MM	–	–	–	–
	5 x 2.3	L099x15MM	L100x15MM	–	–	–	–
16	5 x 2.3	L099x16MM	L100x16MM	L110x16MM-PB	L150x16MM-PB	–	–
17	5 x 2.3	–	L100x17MM	L110x17MM	L150x17MM	–	–
18	6 x 2.8	L099x18MM	L100x18MM	L110x18MM	–	–	–
19	No kW	–	–	–	–	L190x19MM-PB	–
	6 x 2.8	L099x19MM	L100x19MM	L110x19MM	L150x19MM	L190x19MM	–
20	6 x 2.8	L099x20MM	L100x20MM	L110x20MM	L150x20MM	L190x20MM	–
22	6 x 2.8	L099x22MM	L100x22MM	L110x22MM	L150x22M	–	–
24	8 x 3.3	L099x24MM	L100x24MM	L110x24MM	L150x24MM	L190x24MM	–
25	8 x 3.3	L099x25MM	L100x25MM	L110x25MM	L150x25MM	L190x25MM	–
28	No kW	–	–	–	–	L190x28MM	–
	8 x 3.3	L099x28MM	L100x28MM	L110x28MM	L150x28MM	L190x28MM	–
30	8 x 3.3	L099x30MM	L100x30MM	L110x30MM	L150x30MM	L190x30MM	L225x30MM-PB
32	No kW	–	–	–	L150x32MM	L190x32MM	L225x32MM
	10 x 3.3	–	L100x32MM	L110x32MM	L150x32MM	L190x32MM	L225x32MM
35	No kW	–	L100x35MM	–	L150x35MM	L190x35MM	L225x35MM
	10 x 3.3	–	L100x35MM	L110x35MM	L150x35MM	L190x35MM	L225x35MM
38	10 x 3.3	–	–	L110x38MM	L150x38MM	L190x38MM	L225x38MM
40	12 x 3.3	–	–	L110x40MM	L150x40MM	L190x40MM	L225x40MM
42	12 x 3.3	–	–	L110x42MM	L150x42MM	L190x42MM	L225x42MM
45	14 x 3.8	–	–	–	L150x45MM	L190x45MM	L225x45MM
48	No kW	–	–	–	L150x48MM	–	–
	14 x 3.8	–	–	–	L150x48MM	L190x48MM	L225x48MM
50	No kW	–	–	–	L150x50MM	L190x50MM	L225x50MM
	14 x 3.8	–	–	–	–	L190x50MM	L225x50MM
55	No kW	–	–	–	–	L190x55MM	L225x55MM
	16 x 4.3	–	–	–	–	L190x55MM	L225x55MM
60	No kW	–	–	–	–	–	L225x60MM
	18 x 4.4	–	–	–	–	–	L225x60MM
65	18 x 4.4	–	–	–	–	–	L225x65MM

Hub Part Number = Size X bore
For example, L070x5/8

FEATURES/BENEFITS

BALDOR · DODGE

D-Flex Couplings

Low Cost Type J Couplings Offered in Four Sizes

- Features zinc die-cast flanges that are bored to size
- Accommodates applications through 10 HP at 1750 RPM
- Available with EPDM or Neoprene sleeves
- Shaft attachment with two setscrews at 65° for optimal holding power

Type S Couplings Feature AGMA 9 Balanced Flanges off the Shelf

- High-strength, cast iron flanges that are finished bored for AGMA clearance fit
- Ionized powder coated flanges for superior corrosion protection
- Available with EPDM, Neoprene or Hytrel ★ sleeves
- Shaft attachment with two setscrews at 65° for optimal holding power

Type B Couplings Offered with Standard QD† Bushing Shaft Attachment

- Constructed from high-strength cast iron
- Available with EPDM or Neoprene sleeves

Type SC Spacer Couplings Satisfy Standard Spacing Requirements for Pump Applications

- Accommodates ANSI and ISO standard between shaft end dimensions, with custom spacer dimensions available on demand
- Features AGMA 9 balanced flanges & drop-out center for easy equipment maintenance
- Available with EPDM, Neoprene or Hytrel sleeves
- Uses H & HS shaft hubs that are bored to size for slip fit or offered with plain bore for reboring
- Shaft attachment with two setscrews at 65°
- Shaft hub flats are used for holding shafts stationary while loosening or tightening grade 8 bolts

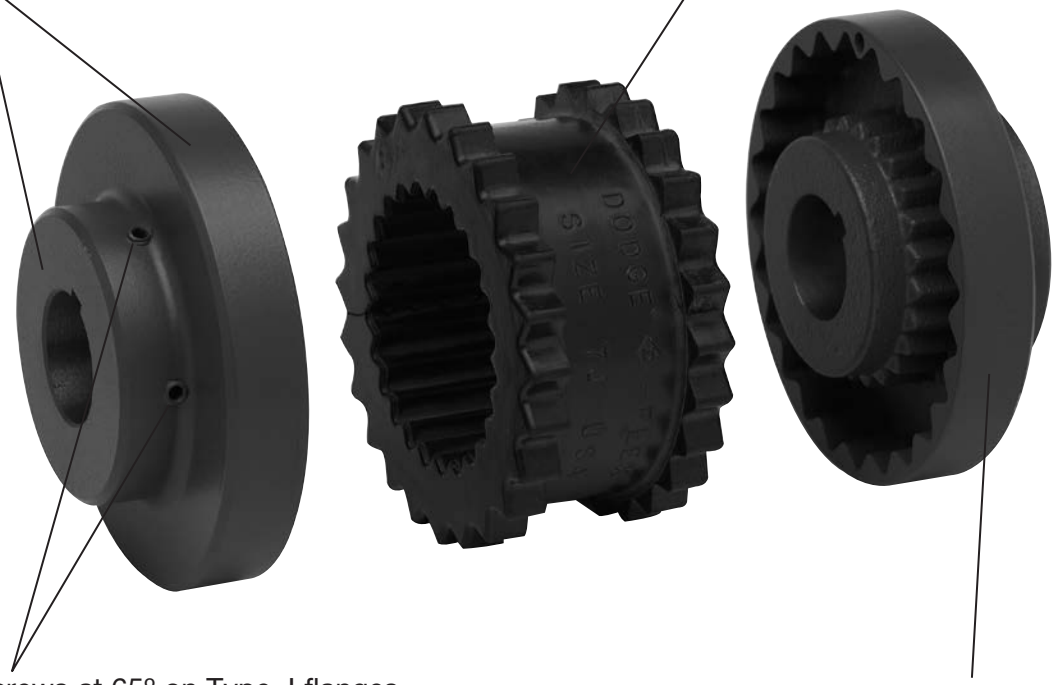
★ Registered trademark of DuPont
† QD is a registered trademark of Emerson Electric Co.

D-Flex Couplings

Added Value

Outside diameter concentric to bore for ease in alignment

Rounded EPDM and Neoprene element edges for full tooth engagement, even load distribution, reduced stress build up, and longer life



Two setscrews at 65° on Type J flanges, Type S flanges & Type SC-H hubs for optimum shaft attachment. Holding force is 30% greater than two setscrews at 90°

Type S and SC flanges are balanced to vibration, resulting in longer driven equipment life

Interchangeable Components Makes Installation Quick and Easy

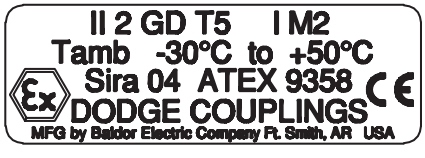
- Interchangeable with other elastomeric sleeve couplings
- Slides into position for snug fit

No Lubrication Assures Trouble-Free Operation

- No metal-to-metal contact
- Provides clean, quiet, trouble-free performance

ATEX Approved

- EPDM and Neoprene flexible elements
- All required documentation and markings included with standard product
- No extra charge



D-Flex Couplings

Specification

D-Flex couplings employ a molded, non-lubricated elastomeric flexing sleeve loaded in shear. The flexible sleeve shall be of EPDM, Neoprene, or Hytrel. The compound of EPDM shall be suitable for operation in ambient temperature from -30°F to +275°F, Neoprene 0°F to +200°F, and Hytrel -65°F to +250°F. Both EPDM and Neoprene sleeves shall have torsional flexing capability of 15° and accommodate 1° of angular misalignment. Hytrel sleeves, suitable to transmit four times the power of EPDM or Neoprene, has torsional flexing capability of 7° and 1/4° of angular misalignment.

The flexible sleeve is connected with external and internal gear teeth that engage with mating teeth in each flange. The coupling assemblies have optional methods of attachment to the shaft including but not limited to: clearance fit or QD bushings. Clearance fits are supplied with an industry standard keyway and two set screws, one over the key and one at 65°.

Spacer couplings consist of two hubs and a center assembly consisting of two spacer spacer flanges and one flexible element. The center assembly is easily removable removable to facilitate maintenance on pumps or other connected equipment and must be replaceable without disturbing the coupled equipment and without realignment.

D-Flex couplings utilizing EPDM and Neoprene elements are static conductive.

How to Order

Standard couplings consist of:
- (2) Flange assemblies
- (1) Flexible sleeve

Spacer couplings consist of:
- (2) Shaft hubs
- (2) Spacer flanges
- (1) Flexible sleeve

For selection method, please refer to page 138.

D-Flex Couplings

Nomenclature

Sleeves

6 x JE

SIZE

SLEEVE STYLE

EPDM Rubber:
JE=One-Piece Solid
JES=One-Piece Split,
E=Two-Piece

Neoprene:
JN=One-Piece Solid
JNS=One-Piece Split,
N=Two-Piece

Hytrel:
H=One-Piece Solid
HS=One-Piece Split

Close-Coupled Flanges

6S x 5/8

SIZE AND TYPE
J=Type J (Finished Bore, Zinc-Die Cast)
S=Type S (Finished Bore, Cast Iron)
B=Type B (QD Bushed)

BORE SIZE

Spacer Flanges

6SC 35

SIZE AND TYPE
SC=Type SC (Spacer)

SPACER LENGTH

Spacer Hubs

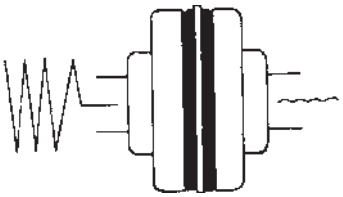
6SC-H x 5/8

SIZE AND TYPE
SC-H=Type SC (Spacer) Hub

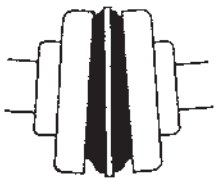
BORE SIZE

BALDOR · DODGE®

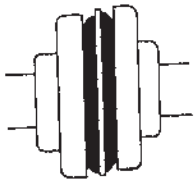
Four-Way Flexing Action Handles Shock, Vibration & Misalignment



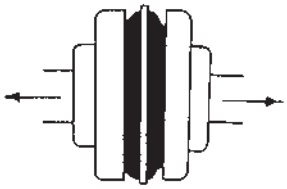
TORSIONAL
Absorbs torsional shock, damps torsional vibrations



ANGULAR
Allows for angular misalignment



PARALLEL
Minimizes bearing loads, absorbs parallel misalignment with less wear and energy loss



AXIAL
Allows for shaft end-float

D-FLEX COUPLING SLEEVES

	EPDM Rubber	Neoprene	Hytrel (1)
One-Piece Solid Construction	JE	JN	H
One-Piece Split Construction	JES	JNS	-
Two-Piece Construction	E	N	HS
Sizes Offered	3 - 10 JE, JES 4 - 16 E	3 - 10 JN, JNS 4 - 14 N	6 - 12 H, HS
Temperature Range	-30°F to +275°F	0°F to +200°F	-65°F to +250°F
Max Angular	1°	1°	1/4°
Max Parallel (2)	.010 in. - .062 in.	.010 in. -.062 in.	.010 in. -.035 in.
Axial End-Float (2) (3)	.03 in. -.125 in.	.03 in. -.125 in.	.06 in. -.125 in.
Torsional Flexibility	15° Wind Up	15° Wind Up	7° Wind Up
Application Use	General	Good Oil Resistance	Downsizing For Use of Smaller Couplings

(1) Do not use with J or B flanges or as a replacement for other sleeves.
(2) Depends on coupling size.
(3) Increase the E dimension by this amount to accommodate end float.

D-Flex Couplings

D-FLEX COUPLING SLEEVES - PART NUMBERS

Coupling Size	EPDM			Neoprene			Hytrel	
	JE	JES	E	JN	JNS	N	H	HS
3	004208	004242	–	004209	004243	–	–	–
4	004210	004244	022190	004211	004245	022211	–	–
5	004212	004246	022191	004213	004247	022212	–	–
6	004214	004248	022192	004215	004249	022213	022183	022232
7	004216	004250	022193	004217	004251	022214	022184	022233
8	004218	004252	022194	004219	004253	022215	022185	022234
9	004220	004254	022195	–	–	022216	022186	022235
10	004222	004256	022196	–	–	022217	022187	022236
11	–	–	022197	–	–	022218	022188	022237
12	–	–	022198	–	–	022219	022189	022238
13	–	–	021990	–	–	021993	–	022239
14	–	–	021991	–	–	021994	–	425730
16	–	–	021992	–	–	–	–	–

D-FLEX RATINGS

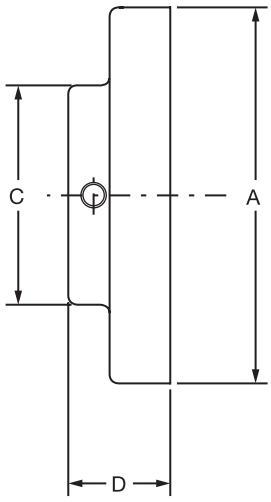
Element Size	Max. Bore				Max. RPM	EPDM & Neoprene		Hytrel	
	Straight Bore			Bushed		HP/100	Rated Torque (in. - lbs.)	HP/100	Rated Torque (in. - lbs.)
	Type J	Type S	Type SC	Type B					
3	7/8	–	–	–	9200	0.10	60	–	–
4	1	–	–	–	7600	0.19	120	–	–
5	1-1/8	1-1/4	1-1/8	–	7600	0.38	240	–	–
6	1-3/8	1-7/8	1-3/8	1-3/16	6000	0.71	450	2.90	1,800
7	–	1-7/8	1-5/8	1-3/16	5250	1.20	725	4.60	2,875
8	–	2-3/8	1-7/8	1-5/8	4500	1.80	1,135	7.20	4,530
9	–	2-7/8	2-1/8	1-15/16	3750	2.80	1,800	11.40	7,200
10	–	3-3/8	2-3/8	2-1/2	3600	4.60	2,875	18.00	11,350
11	–	3-7/8	2-7/8	2-13/16	3600	7.20	4,530	28.60	18,000
12	–	3-15/16	2-7/8	3-1/2	2800	11.40	7,200	50.00	31,500
13	–	4-1/2	3-3/8	3-15/16	2400	18.00	11,350	75.00	47,268
14	–	5	3-7/8	3-15/16	2200	28.60	18,000	115.00	72,480
16	–	6	–	4-1/2	1500	75.00	47,250	–	–

D-FLEX FLANGE/SLEEVE COMPATIBILITY

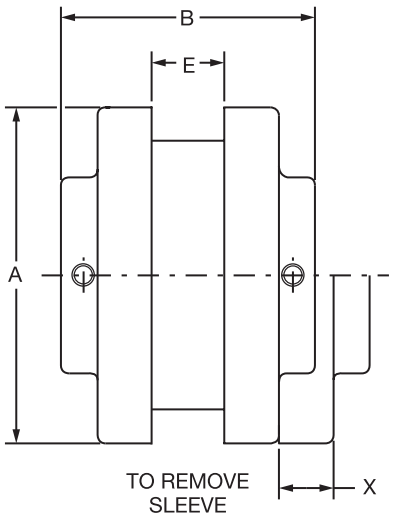
Flange Style	EPDM		Neoprene		Hytrel	
	JE/JES 1 Piece	E 2 Piece	JN/JNS 1 Piece	N 2 Piece	H 1 Piece	HS 2 Piece
Type J	√	√	√	√	–	–
Type S	√	√	√	√	√	√
Type B Bushed	√	√	√	√	–	–
SC Spacer	√	√	√	√	√	√

BALDOR · DODGE

D-Flex Couplings



TYPE "J" FLANGE



TYPE "J" COUPLING

DIMENSIONS - TYPE "J"

Coupling Size	Min. Bore	Max. Bore	HP/100	EPDM/ Neoprene Torque (in. - lbs.)	Max. RPM	A	B	C	D	E	X	Weight (lbs.)	Inertia (lbs. ft.^{2})
3J	3/8	7/8	0.10	60	9200	2.06	2.00	1.50	0.81	0.38	0.56	0.03	–
4J	1/2	1	0.19	120	7600	2.46	2.38	1.63	0.88	0.63	0.75	0.04	–
5J	1/2	1-1/8	0.38	240	7600	3.25	2.88	1.88	1.06	0.75	0.97	0.09	–
6J	5/8	1-3/8	0.71	450	6000	4.00	3.31	2.50	1.22	0.88	1.09	1.20	–

6J Minimum bore - 5/8 in.

PART NUMBERS

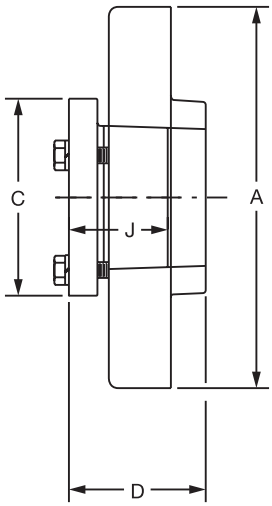
Bore (in.)	Coupling Flange			
	3J	4J	5J	6J
3/8	**022700**	–	–	–
1/2	**022701**	**022708**	**022714**	–
5/8	**022702**	**022709**	**022715**	**022721**
3/4	**022703**	**022710**	**022716**	**022722**
7/8	**022704**	**022711**	**022717**	**022723**
15/16	–	**022712**	**022718**	**022724**
1	–	**022713**	**022719**	**022725**
1-1/8	–	–	**022720**	**022726**
1-3/16	–	–	–	**022727**
1-1/4	–	–	–	**022728**
1-3/8	–	–	–	**022729**

Unless otherwise specified, all Type-J flanges are clearance fit per AGMA 9002.
See page 27 for additional details.

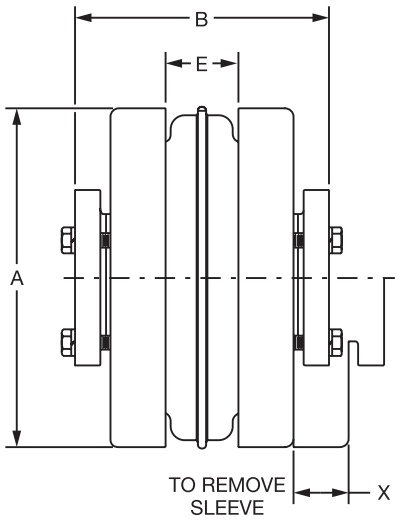
Complete coupling consists of (2) J flanges, and (1) sleeve (from page 139).

BALDOR · DODGE

D-Flex Couplings



TYPE "B" FLANGE



TYPE "B" COUPLING

DIMENSIONS - TYPE "B" QD BUSHED

Coupling Size	Bushing Type	Min. Bore	Max. Bore (1)	HP/100	EPDM/ Neoprene Torque (in. - lbs.)	Max. RPM	A	B	C	D	E	J	X	Weight (lbs.) (2)		Inertia (lbs. ft.^{2})
														Flange	Bushing	
6B	JA	1/2	1-3/16	0.71	450	6000	4.00	3.31	2.00	1.53	0.88	1.00	1.09	1.30	0.40	–
7B	JA	1/2	1-3/16	1.20	725	5250	4.63	3.44	2.00	1.59	1.00	1.00	1.31	1.90	0.40	–
8B	SH	1/2	1-5/8	1.80	1135	4500	5.45	4.06	2.63	1.84	1.13	1.31	1.50	2.90	0.90	–
9B	SD	1/2	1-15/16	2.80	1800	3750	6.35	4.63	3.19	2.19	1.44	1.81	1.75	4.80	1.60	–
10B	SK	1/2	2-1/2	4.60	2875	3600	7.50	5.63	3.88	1.84	1.63	1.94	2.00	7.80	2.70	–
11B	SF	1/2	2-15/16	7.20	4530	3600	8.63	6.56	4.63	2.13	1.88	2.00	2.38	12.00	3.80	–
12B	E	7/8	3-1/2	11.40	7200	2800	10.00	7.94	6.00	2.69	2.31	2.75	2.69	18.00	9.00	–
13B	F	1	3-15/16	18.00	11350	2400	11.75	9.31	6.63	3.69	2.69	3.75	3.00	31.20	14.00	–
14B	F	1	3-15/16	28.60	18000	2200	13.88	10.44	6.63	3.69	3.25	3.75	3.50	51.40	14.00	–
16B	J	1-1/2	4-1/2	75.00	47250	1500	18.88	13.25	7.25	4.75	4.75	4.63	4.50	120.00	21.00	–

(1) Max bore with shallow key
(2) Approximate weight for each flange; average weight for each bushing
(3) Hytrel Elements not to be used with QD flanges

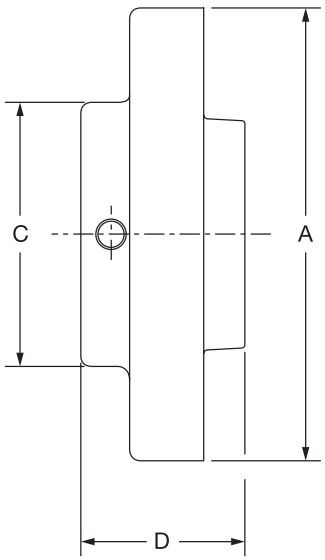
PART NUMBERS

	6B	7B	8B	9B	10B	11B	12B
Part No.	022501	022502	022503	022504	022505	022506	022507

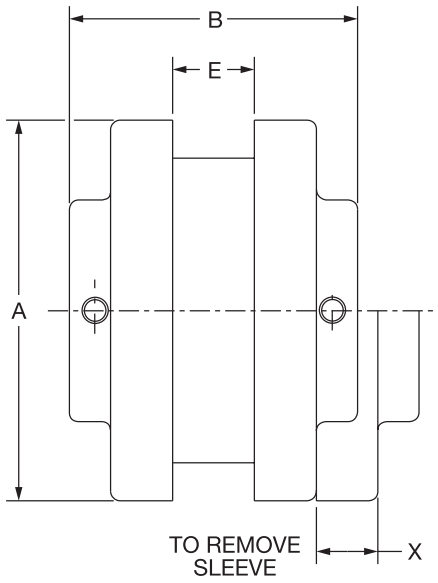
	13B	14B	16B
Part No.	022508	022509	022510

Complete coupling consists of (2) B flanges, (1) sleeve and (2) QD Bushings. QD Bushings must be ordered separately (from page 6).

D-Flex Couplings



TYPE "S" FLANGE



TYPE "S" COUPLING

DIMENSIONS - TYPE "S"

Coupling Size	Min. Bore	Max. Bore #	HP/100*	EPDM/ Neoprene Torque (in. - lbs.)	Hytrel Torque (in. - lbs.)	Max. RPM	A	B	C	D	E	X	Weight (lbs.)	Inertia (lbs. ft.^{2})
5S	1/2	1-1/4	0.38	240	–	7600	3.25	2.81	1.88	1.34	0.75	0.97	1.1	–
6S	1/2	1-7/8	0.71	450	1,800	6000	4	3.5	2.81	1.63	0.88	1.09	1.9	–
7S	1/2	1-7/8	1.2	725	2,875	5250	4.63	3.94	2.81	1.85	1	1.31	2.6	–
8S	1/2	2-3/8	1.8	1135	4,530	4500	5.45	4.44	3.25	2.1	1.13	1.5	4.4	–
9S	9/16	2-7/8	2.8	1800	7,200	3750	6.35	5.06	4.13	2.4	1.44	1.75	6.5	–
10S	1	3-3/8	4.6	2875	11,350	3600	7.5	5.69	4.75	2.72	1.63	2	10.5	–
11S	1-1/4	3-7/8	7.2	4530	18,000	3600	8.63	7.13	5.63	3.44	1.88	2.38	18.1	–
12S	1-1/2	3-15/16	11.4	7200	31,500	2800	10	8.25	5.75	4	2.31	2.69	27.8	–
13S	2 in. Reb.	4-1/2	18	11350	47,268	2400	11.75	9.25	6.75	4.5	2.69	3.06	45.2	–
14S	2 in. Reb.	5	28.6	18000	72,480	2200	13.88	9.88	7.5	4.757	3.25	3.5	69.1	–
16S	2 in. Reb.	6	75	47250	–	1500	18.88	14.25	8	6	4.75	4.25	125.3	–

Max bore with shallow keyway. For max bore with standard keyway, see page 157.
* Ratings based on EPDM & Neoprene. For Hytrel HP/100 ratings, see page 139.

BALDOR · DODGE®

D-Flex Couplings

TYPE "S" FLANGE PART NUMBERS, INCH BORE

Bore (in.)	Coupling Flange Size										
	5S	6S	7S	8S	9S	10S	11S	12S	13S	14S	16S
Reborable	004976	004977	004978	004979	004980	004981	004982	004983	004993	004994	004995
1/2	004498	–	–	–	–	–	–	–	–	–	–
5/8	004500	004511	004534	–	–	–	–	–	–	–	–
3/4	004502	004513	004536	004559	–	–	–	–	–	–	–
7/8	004504	004515	004538	004561	004586	–	–	–	–	–	–
15/16	004505	004516	004539	004562	004587	–	–	–	–	–	–
1	004506	004517	004540	004563	004588	–	–	–	–	–	–
1-1/8	004508	004519	004542	004565	004590	004619	–	–	–	–	–
1-3/16	*004509	004520	004543	004566	004591	004620	–	–	–	–	–
1-1/4	†004510	004521	004544	004567	004592	004621	004656	–	–	–	–
1-5/16	–	004522	004545	004568	004593	004622	004657	–	–	–	–
1-3/8	–	004523	004546	004569	004594	004623	004658	–	–	–	–
1-7/16	–	*004524	004547	004570	004595	004624	004659	–	–	–	–
1-1/2	–	†004525	004548	004571	004596	004625	004660	004696	–	–	–
1-5/8	–	004527	*004550	004573	004598	004627	004662	004698	–	–	–
1-11/16	–	004528	004551	004574	004599	004628	004663	004699	–	–	–
1-3/4	–	004529	004552	004575	004600	004629	004664	004700	–	–	–
1-7/8	–	004531	† 004554	004577	004602	004631	004666	004702	–	–	–
1-15/16	–	–	–	004578	004603	004632	004667	004703	–	–	–
2	–	–	–	004579	004604	004633	004668	004704	–	–	–
2-1/8	–	–	–	†004581	004606	004635	004670	004706	–	–	–
2-3/16	–	–	–	004582	004607	004636	004671	004707	–	–	–
2-1/4	–	–	–	004583	004608	004637	004672	004708	–	–	–
2-3/8	–	–	–	004585	*004610	004639	004674	004710	004996		
2-7/16	–	–	–	–	004611	004640	004675	004711	–	–	–
2-1/2	–	–	–	–	†004612	004641	004676	004712	–	–	–
2-5/8	–	–	–	–	004614	004643	004678	004714	–	–	–
2-11/16	–	–	–	–	004615	004644	004679	004715	–	–	–
2-3/4	–	–	–	–	004616	*004645	004680	004716	–	–	–
2-7/8	–	–	–	–	004618	†004647	004682	004718	004997	004998	
2-15/16	–	–	–	–	–	004648	004683	004719	–	–	–
3	–	–	–	–	–	004649	004684	004720	–	–	–
3-1/8	–	–	–	–	–	004651	004686	004722	–	–	–
3-1/4	–	–	–	–	–	004653	004688	004724	–	–	–
3-5/16	–	–	–	–	–	004654	004689	004725	–	–	–
3-3/8	–	–	–	–	–	004655	*†004690	004726	–	–	–
3-7/16	–	–	–	–	–	–	004691	004727	–	–	–
3-1/2	–	–	–	–	–	–	004692	004728	–	–	–
3-5/8	–	–	–	–	–	–	004693	004730	–	–	–
3-11/16	–	–	–	–	–	–	–	004731	–	–	–
3-3/4	–	–	–	–	–	–	004694	004732	–	–	–
3-7/8	–	–	–	–	–	–	004695	*†004734	–	–	–
3-15/16	–	–	–	–	–	–	–	004735	–	–	–

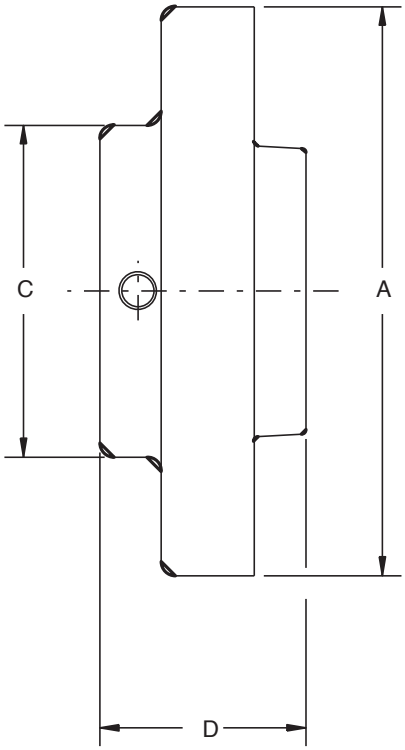
Unless otherwise specified, all Type-S flanges are clearance fit per AGMA 9002.
See page 157 for additional details.

† Max bore for reborable flanges.

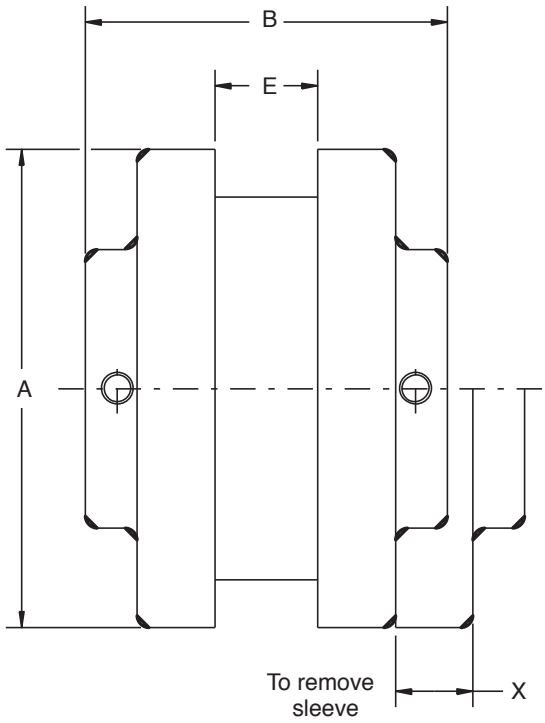
Complete coupling consists of (2) S flanges and (1) sleeve (from page 139).
*** Max bore with std. square keyway. Larger bores have rectangular keyways & keys supplied.**

BALDOR · DODGE

D-Flex Couplings



Type "S" flange



Type "S" coupling

D-FLEX TYPE "S" COUPLINGS** - METRIC

Coupling Size	Min. Bore (mm)	Max. Bore (mm)	EPDM and Neoprene		Hytrel		Max. RPM	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	X (mm)	Mass (kg.)	Inertia [1] (kg.-m²)
			kW/100	Torque (N-m)	kW/100	Torque (N-m)									
5S	13	32*	0.28	27	–	–	7600	83	71	48	34	19	25	0.50	0.0008
6S	13	40*	0.53	51	2.16	203	6000	102	89	71	41	22	28	0.90	0.0026
7S	13	48*	0.90	82	3.43	325	5250	118	100	71	47	25	33	1.20	0.0046
8S	13	60*	1.34	128	5.37	512	4500	138	113	83	53	29	38	2.00	0.0127
9S	23	68*	2.09	203	8.51	814	3750	161	129	92	61	37	44	2.90	0.0213
10S	28	80*	3.43	325	13.43	1282	3600	191	145	111	69	41	51	4.80	0.0474
11S	30	96*	5.37	512	21.34	2034	3600	219	181	143	87	48	60	8.20	0.0958
12S	38	108*	8.50	814	37.31	3559	2800	254	210	146	102	59	68	12.60	0.1933
13S	51	114*	13.43	1282	55.97	5341	2400	299	235	171	111	68	78	20.50	0.4256
14S	51	127*	21.34	2034	85.82	8190	2200	353	251	191	114	83	89	31.30	0.9376
16S	51	152*	55.95	5339	–	–	1500	480	362	203	152	121	108	56.80	3.8516

* Max Bores with metric shallow keys. Metric Shallow keys have standard height less 1mm

** Includes metric setscrews

(1) Inertia values are for complete coupling with rough stock bore and split EPDM element.

D-Flex Couplings

TYPE "S" FLANGE PART NUMBERS, METRIC BORE

Bore (mm)	Coupling Flange Size										
	5S	6S	7S	8S	9S	10S	11S	12S	13S	14S	16S
Reborable	004976	004977	004978	004979	004980	004981	004982	004983	004993	004994	004995
14	004856	004865	004978	004979	–	–	–	–	–	–	–
16	004857	004866	004878	004893	–	–	–	–	–	–	–
18	004858	004867	004879	004894	–	–	–	–	–	–	–
19	004859	004868	004880	004895	–	–	–	–	–	–	–
20	004860	004869	004881	004896	–	–	–	–	–	–	–
22	004861	004870	004882	004897	004916	–	–	–	–	–	–
24	004862	004871	004883	004898	004917	–	–	–	–	–	–
25	004863	004872	004884	004899	004918	–	–	–	–	–	–
28	004864	004873	004885	004900	004919	004928	–	–	–	–	–
30	004193	004874	004886	004901	004920	004929	004942	–	–	–	–
32	–	004875	004887	004902	004921	004930	004943	–	–	–	–
35	–	004876	004888	004903	004922	004931	004944	–	–	–	–
38	–	394350	004889	004904	004923	004932	004945	004960	–	–	–
40	–	–	004890	004905	004924	004933	004946	004961	–	–	–
42	–	–	004891	004906	004925	004934	004947	004962	–	–	–
45	–	–	004892	004907	004926	004935	004948	004963	–	–	–
48	–	–	005006	004908	004927	004936	004949	004964	–	–	–
50	–	–	005007	004909	004181	004937	004950	004965	–	–	–
55	–	–	–	004910	004182	004938	004951	004966	–	–	–
60	–	–	–	005008	005009	004939	004952	004967	–	–	–
65	–	–	–	–	395373	004940	004953	004968	004177	–	–
70	–	–	–	–	–	004941	004954	004969	–	–	–
75	–	–	–	–	–	395372	004955	004970	004178	–	–
80	–	–	–	–	–	395374	004956	004971	004180	004179	004757
85	–	–	–	–	–	–	004957	004972	–	–	–
90	–	–	–	–	–	–	004958	004973	–	–	–
95	–	–	–	–	–	–	004959	004974	–	–	–
100	–	–	–	–	–	–	–	004975	–	–	–

Unless otherwise specified, all D-Flex flanges are clearance fit per ISO R775. See page 159 for additional details.

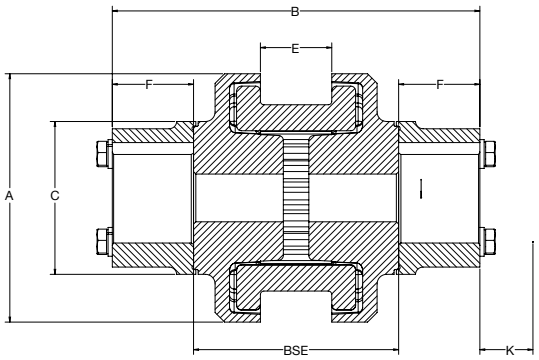
D-FLEX COUPLING SLEEVES

Coupling Size	EPDM			Neoprene			Hytrel	
	JE	JES	E	JN	JNS	N	H	HS
Element Construction	One-piece solid	One-piece split	Two-piece	One-piece solid	One-piece split	Two-piece	One-piece solid	Two-piece
5	004212	004246	022191	004213	004247	022212	–	–
6	004214	004248	022192	004215	004249	022213	022183	022232
7	004216	004250	022193	004217	004251	022214	022184	022233
8	004218	004252	022194	004219	004253	022215	022185	022234
9	004220	004254	022195	–	–	022216	022186	022235
10	004222	004256	022196	–	–	022217	022187	022236
11	–	–	022197	–	–	022218	022188	022237
12	–	–	022198	–	–	022219	022189	022238
13	–	–	021990	–	–	021993	–	022239
14	–	–	021991	–	–	021994	–	425730
16	–	–	021992	–	–	–	–	–

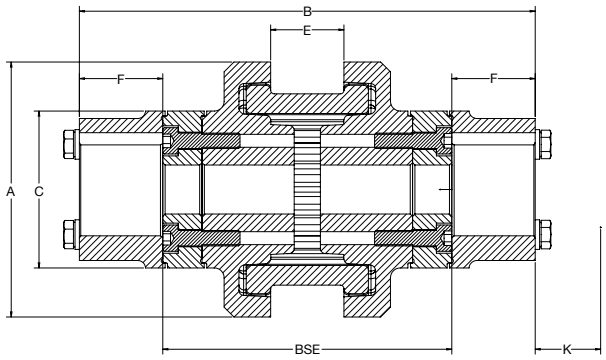
SELECTION/DIMENSIONS

BALDOR · DODGE

D-Flex Couplings



Type 1



Type 2

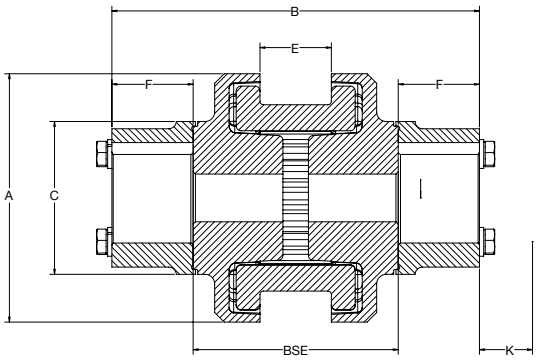
DIMENSIONS

Cplg. Size	BSE Distance (in.)	BSE Distance (mm)	Pump Standard	Flange Number	Spacer Design	Min. Bore (in.)	Max. Bore (in.)	A (in.)	B (in.)	C (in.)	E (in.)	F (in.)	K (in.)	Inertia (lbs. - in.^{2}) (1)	Weight (lbs.) (2)
5SC	3.5	89	ANSI	5SC35	1	0.500	1.125	3.250	–	2.000	0.750	1.090	0.560	–	–
	3.94	100	ISO	5SC-100mm	2				6.063					3.69	4.35
	5.51	140	ISO	5SC-140mm					7.638					4.29	5.45
6SC	3.5	89	ANSI	6SC35	1	0.625	1.375	4.000	–	2.500	0.875	1.220	0.750	–	–
	3.94	100	ISO	6SC-100mm	2				6.299					11.02	7.91
	4.375	111	ANSI	6SC44	–				–					–	–
	5	127	ANSI	6SC50	–				–					–	–
	5.51	140	ISO	6SC-140mm					7.874					13.30	9.99
	7.09	180	ISO	6SC-180mm	2				9.449					15.70	12.25
	9.84	250	ISO	6SC-250mm					12.205					19.90	16.25
7SC	3.5	89	ANSI	7SC35	–	0.625	1.625	4.625	–	2.810	1.000	1.470	0.630	15.93	9.58
	3.94	100	ISO	7SC-100mm	1				6.772					–	–
	4.375	111	ANSI	7SC44	–				–					–	–
	5	127	ANSI	7SC50	–				–					–	–
	5.51	140	ISO	7SC-140mm					8.346					18.35	11.58
	7.09	180	ISO	7SC-180mm	2				9.921					20.67	13.82
	9.84	250	ISO	7SC-250mm					12.677					24.75	17.74
8SC	3.5	89	ANSI	8SC35	–	0.750	1.875	4.450	–	3.250	1.130	1.720	0.810	–	–
	3.94	100	ISO	8SC-100mm	1				7.323					32.94	13.38
	4.375	111	ANSI	8SC44	–				–					–	–
	5	127	ANSI	8SC50	–				–					–	–
	5.51	140	ISO	8SC-140mm					8.898					39.16	17.06
	7.09	180	ISO	8SC-180mm	2				10.472					43.36	20.06
	9.84	250	ISO	8SC-250mm					13.228					50.70	25.28
8SC-10	3.5	89	ANSI	8SC35-10	1	1.125	2.375		–	4.375		2.340	1.190	–	–
	5	127	ANSI	8SC50-10	2				–					–	–
9SC	3.5	89	ANSI	9SC35	–	0.875	2.125	6.350	–	3.625	1.440	1.970	1.060	–	–
	3.94	100	ISO	9SC-100mm	1				7.795					65.57	20.13
	4.375	111	ANSI	9SC44	–				–					–	–
	5	127	ANSI	9SC50	–				–					–	–
	5.51	140	ISO	9SC-140mm	1				9.370					76.97	25.37
	7.09	180	ISO	9SC-180mm	2				10.945					78.03	26.77
	9.84	250	ISO	9SC-250mm					13.701					89.09	33.09

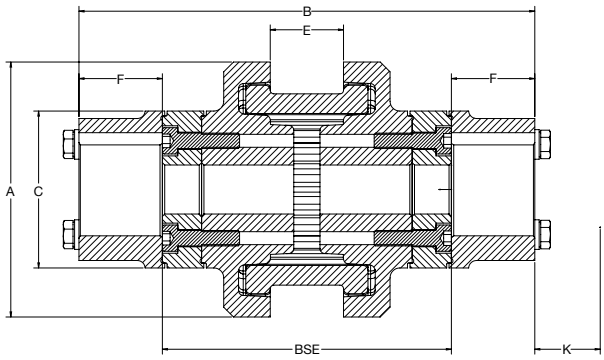
(1) Dodge D-Flex Type-SC couplings are available in custom BSE dimensions within this range. Contact Baldor for further details.
(2) Inertia is for the complete coupling with rough stock bore and fully split EPDM element.
(3) Weight is for the complete coupling with rough stock bore and fully split EPDM element.

BALDOR · DODGE®

D-Flex Couplings



Type 1



Type 2

DIMENSIONS

Cplg. Size	BSE Distance (in.)	BSE Distance (mm)	Pump Standard	Flange Number	Spacer Type	Min. Bore (in.)	Max. Bore (in.)	A (in.)	B (in.)	C (in.)	E (in.)	F (in.)	K (in.)	Inertia (lbs. - in.²)(1)	Weight (lbs.)(2)
9SC-11	5	127	ANSI	9SC50-11	1	1.125	2.875	6.350	–	5.250	1.440	2.720	1.190	–	–
	7	178	ANSI	9SC70-11					–					–	–
	7.75	197	MISC	9SC78-11					–					–	–
10SC	4.75	121	MISC	10SC48	–	1.125	2.375	7.500	–	4.375	1.614	2.375	1.190	–	–
	5	127	ANSI	10SC50	–				–					–	–
	5.51	140	ISO	10SC-140mm	1				10.079					160.15	36.38
	7.09	180	ISO	10SC-180mm	2				11.654					170.29	40.44
	9.84	250	ISO	10SC-250mm					14.409					193.69	49.58
10SC-13	7	178	ANSI	10SC70-13	–	2.125	3.375		–	6.125		3.375	1.880	–	–
	7.75	197	MISC	10SC78-13	–				–					–	–
	10	254	MISC	10SC100-13	–				–					–	–
11SC	4.75	121	MISC	11SC48	–	1.125	2.875	8.630	–	5.250	1.890	2.720	1.190	–	–
	5	127	ANSI	11SC50	–				–					–	–
	5.51	140	ISO	11SC-140mm	1				10.866					338.07	56.75
	7.09	180	ISO	11SC-180mm					12.441					377.43	66.27
	9.84	250	ISO	11SC-250mm	2				15.197					419.65	77.91
11SC-14	7	178	ANSI	11SC70-14	–		3.875		–	6.500		3.840	2.000	–	–
	7.75	197	MISC	11SC78-14	–				–					–	–
	10	254	MISC	11SC100-14	–				–					–	–
12SC	7	178	ANSI	12SC70	–	1.875	2.875	10.000	–	5.750	2.323	2.970	1.500	–	–
	7.09	180	ISO	12SC-180mm	1				12.913					668.08	84.62
	7.75	197	MISC	12SC78	–				–					–	–
	9.84	250	ISO	12SC-250mm	2				15.669					756.72	101.00
12SC-14	7	178	ANSI	12SC70-14	–		3.875		–	6.500		3.840	2.000	–	–
	7.75	197	MISC	12SC78-14	–				–					–	–
	10	254	MISC	12SC100-14	–				–					–	–
13SC	7.09	180	ISO	13SC-180mm	1	2.125	3.375	11.750	13.701	6.125	2.677	3.346	1.880	1483.55	120.50
	7.75	197	MISC	13SC78	–				–					–	–
	9.84	250	ISO	13SC-250mm	2				16.457					1458.83	127.44
14SC	7.75	197	MISC	14SC78	–	–	3.875	13.875	–	6.500	3.250	3.840	2.000	–	–

(1) Dodge D-Flex Type-SC couplings are available in custom BSE dimensions within this range. Contact Baldor for further details.
(2) Inertia is for the complete coupling with rough stock bore and fully split EPDM element.
(3) Weight is for the complete coupling with rough stock bore and fully split EPDM element.

D-Flex Couplings

TYPE "SC" COUPLINGS - SPACER FLANGE PART NUMBERS

BSE Distance		Pump	Coupling Size														
(inch)	(mm)	Standard	5SC	6SC	7SC	8SC	8SC-10	9SC	9SC-11	10SC	10SC-13	11SC	11SC-14	12SC	12SC-14	13SC	14SC
3.5	89	ANSI	022000	022001	022004	022007	022775	022010	–	–	–	–	–	–	–	–	–
3.94	100	ISO	022424	022422	022826	022830	–	022834	–	–	–	–	–	–	–	–	–
4.375	111	ANSI	–	022002	022005	022008	–	022011	–	–	–	–	–	–	–	–	–
4.75	121	MISC	–	–	–	–	–	–	–	022013	–	022015	–	–	–	–	–
5	127	ANSI	–	022003	022006	022009	022776	022012	022777	022014	–	022016	–	–	–	–	–
5.51	140	ISO	022425	022823	022827	022831	–	022835	–	022838	–	022841	–	–	–	–	–
7	178	ANSI	–	–	–	–	–	–	022778	–	022780	–	022783	022017	022786	–	–
7.09	180	ISO	–	022824	022828	022832	–	022836	–	022839	–	022842	–	022844	–	022846	–
7.75	197	ANSI	–	–	–	–	–	–	022779	–	022781	–	022784	022018	022787	021997	021998
9.84	250	ISO	–	022825	022829	022833	–	022837	–	022840	–	022843	–	022845	–	022847	–
10	254	MISC	–	–	–	–	–	–	–	–	022782	–	022785	–	022788	–	–

Additional spacer lengths are available for D-Flex Type-SC couplings. Minimum and maximum BSE's are shown in dimensional information on page 146.

SPACER SHAFT HUB PART NUMBERS - INCH BORE

Bore	Coupling Size									
(inch)	5H	6H	7H	8H	9H	10H	11H	12H	13H	14H
Reborable	022220	022221	022222	022223	022224	022225	022226	022227	022228	660248
					Finished Bore Hubs					
1/2	022329	–	–	–	–	–	–	–	–	–
5/8	022331•	022340	022353	–	–	–	–	–	–	–
11/16	022332	022341	022354	–	–	–	–	–	–	–
3/4	022333•	022342•	022355	022368	–	–	–	–	–	–
7/8	022335•	022344•	022357•	022370	022387	–	–	–	–	–
15/16	022336	022345	022358	022371	022388	–	–	–	–	–
1	022337•	022346•	022359•	022372•	022389	–	–	–	–	–
1-1/8	022339•	022348•	022361•	022374•	022391	022409	0022452	–	–	–
1-1/8 (1)	–	–	–	–	022392 (1)•	022410 (1)•	022453 (1)	–	–	–
1-3/16	–	022349	022362	022375	022393	022411	022454	–	–	–
1-1/4	–	022350•	022363	022376	022394	022412	022455	–	–	–
1-5/16	–	022351	022364	022377	022395	022413	022456	–	–	–
1-3/8	–	022352	022365•	022378•	022396•	022414	022457	–	–	–
1-7/16	–	–	–	022379	022397	022415	022458	–	–	–
1-1/2	–	–	022366•	022380•	022398•	022416	022459	–	–	–
1-9/16	–	–	–	022381	022399	022417	022460	–	–	–
1-5/8	–	–	022367•	022382•	022400•	022418•	022461	–	–	–
1-5/8 (1)	–	–	–	–	–	–	022462 (1)	–	–	–
1-3/4	–	–	–	022384•	022402•	022420	022464	–	–	–
1-7/8	–	–	–	022386•	022404•	022428•	022466•	022483	–	–
1-15/16	–	–	–	–	022405	022429	022467	022484	–	–
2	–	–	–	–	022406	022430	022468	022485	–	–
2-1/8	–	–	–	–	022408•	022432•	022470•	022487	022813	–
2-3/16	–	–	–	–	–	022433	022471	022488	–	–
2-1/4	–	–	–	–	–	022434	022472	022489	–	–
2-5/16	–	–	–	–	–	022435	022473	022490	–	–
2-3/8	–	–	–	–	–	022436•	022474•	022491	022810	022815•
2-3/8 (1)	–	–	–	–	–	–	–	022492 (1)	022814 (1)	
2-7/16	–	–	–	–	–	–	022475	022493	–	–
2-1/2	–	–	–	–	–	–	022476	022494	–	–
2-5/8	–	–	–	–	–	–	022478	022496	–	–
2-11/16	–	–	–	–	–	–	022479	022497	–	–
2-3/4	–	–	–	–	–	–	022480	022498	–	–
2-7/8	–	–	–	–	–	–	022482•	022500	022811	022816
3-3/8	–	–	–	–	–	–	–	–	022812	022817
3-7/8	–	–	–	–	–	–	–	–	–	022818

• Stock hub assembles

(1) HS (Short Hub)

Complete coupling consists of (2) shaft hubs, (2) spacer flanges, and (1) sleeve (see page 139.)

Unless otherwise specified, all D-Flex Type SC shaft hubs are clearance fit per AGMA 9002. See page 157 for additional details.

D-Flex Couplings

SPACER SHAFT HUB PART NUMBERS - METRIC BORE

Bore (mm)	Coupling Size									
	5H	6H	7H	8H	9H	10H	11H	12H	13H	14H
Metric Hardware Kit	411982	411983	411984	411985	411986	411987	411988	411989	411990	426296
Reborable	022220	022221	022222	022223	022224	022225	022226	022227	022228	660248
12	022848	–	–	–	–	–	–	–	–	–
14	022849	–	–	–	–	–	–	–	–	–
16	022850	022859	022871	–	–	–	–	–	–	–
18	022851	022860	022872	–	–	–	–	–	–	–
19	022852	022861	022873	–	–	–	–	–	–	–
20	022853	022862	022874	022885	–	–	–	–	–	–
22	022854	022863	022875	022886	–	–	–	–	–	–
24	022855	022864	022876	022887	022899	–	–	–	–	–
25	022856	022865	022877	022888	022900	–	–	–	–	–
28	022857	022866	022878	022889	022901	–	–	–	–	–
30	022858	022867	022879	022890	022902	022911	022922	–	–	–
32	–	022868	022880	022891	022903	022912	022923	–	–	–
35	–	022869	022881	022892	022904	022913	022924	–	–	–
38	–	022870	022882	022893	022905	022914	022925	–	022942	–
40	–	–	022883	022894	022906	022915	022926	–	022943	–
42	–	–	022884	022895	022907	022916	022927	–	022944	–
45	–	–	–	022896	022908	022917	022928	–	022945	–
48	–	–	–	022897	022909	022918	022929	022935	022946	–
50	–	–	–	022898	022910	022919	022930	022936	022947	–
55	–	–	–	–	–	022920	022931	022937	022948	–
60	–	–	–	–	–	022921	022932	022938	022949	–
65	–	–	–	–	–	–	022933	022939	022950	–
70	–	–	–	–	–	–	022934	022940	022951	–
75	–	–	–	–	–	–	–	–	022952	–
80	–	–	–	–	–	–	–	–	022953	–
85	–	–	–	–	–	–	–	–	022954	–

* Includes metric setscrews

(1) Unless otherwise specified, all D-Flex shaft hubs are clearance fit per ISO R775. See page 159 for additional details.

FEATURES/BENEFITS

BALDOR · DODGE®

Para-Flex® Couplings

QD Flange Design

- Utilizes standard QD bushings for easy installation and removal
- Industry leading bore and torque capacities versus competitive designs
- Hardware installs from inside or outside of the hub for mounting flexibility
- Pre-assembled for quick installation

Superior "Problem Solver" Element Design

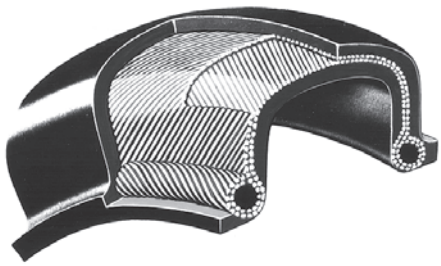
- Industry leading misalignment capabilities
- End split reinforcement for increased torque ratings and extended life
- Reinforced torque-carrying tension cords prevent unexpected downtime
- Uniform and centered beads prevent element pull out during operation
- Protects connected equipment by damping vibrations and shock loads

Industry Leading Five-Year Limited Warranty

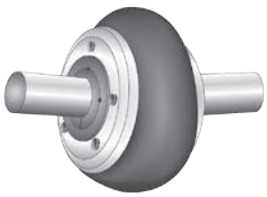
- Over 50 years of proven performance
- Reliable product operation

Increased Productivity

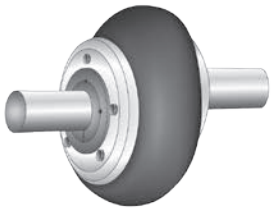
- Non-lubricated design assures trouble-free operation
- Visual inspection saves time and allows for preventive maintenance
- Split element for easy installation



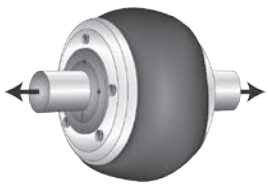
Accommodates Misalignment



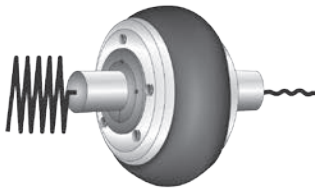
Takes 4° angular misalignment



Takes 1/8 in. parallel misalignment



Takes end-float of 1/4 in. to 5/16 in.



Damps vibrations

Para-Flex® Couplings

Specification

Para-Flex couplings employ a molded, non-lubricated elastomeric flexing member loaded in shear. The flexible element is compounded natural or neoprene rubber with textile cord reinforcement throughout and has an extra layer of reinforcement adjacent to the split for added durability. The compound of natural rubber element shall be suitable for operation in ambient temperature from -45°F to +180°F.

The flexible element is attached by clamping between axially separable rings with exposed cap screws. The couplings are designed to be capable of accommodating combined misalignments of 4° angular, 1/8 in. parallel, and 5/16 in. end float at the full rating of the coupling without restricting the life of the coupling. The flexible element must be replaceable without disturbing the coupled equipment and without the requirement for realignment.

The coupling assembles have QD bushing shaft attachment method.

1 PX40: 4° angular, 1/16 in. parallel, 3/16 in. end float.

2 PX110: 4° angular, 1/8 in. parallel, 1/4 in. end float.

Para-Flex couplings are static conductive.

How to Order

Standard couplings consist of:

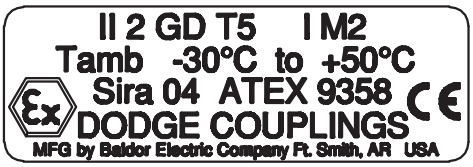
(2) Flange assemblies

(1) Flexible element

(2) Bushings (QD)

ATEX Approved

- All documents and markings included with standard product to meet ATEX requirements
- No additional charges



Para-Flex® Couplings - Nomenclature

PX 40 QD

Para-Flex

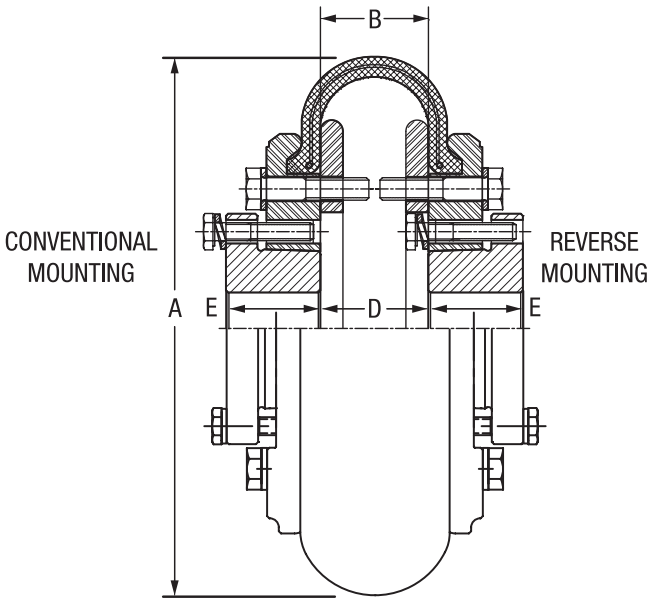
X = Standard

Size: Approx. 4 in. O.D.

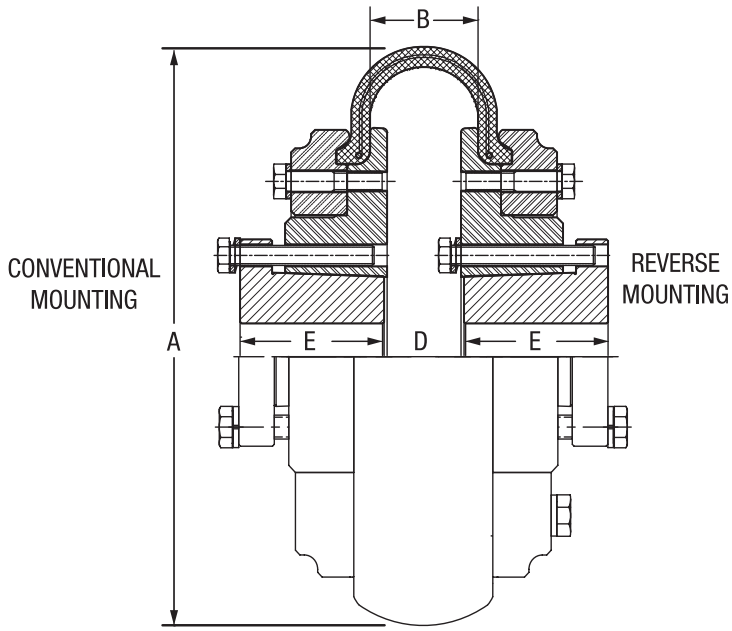
QD = QD Bushed

BALDOR · DODGE®

Para-Flex® Couplings



PX50-120QD FLANGE ASSY



PX140-200QD FLANGE ASSY

DIMENSIONS - STANDARD, QD BUSHED

Coupling Size	Bushing Size	Max. Bore (in.)			HP/100	Torque Rating (in. - lbs.)	Max. RPM	Style	Dimensions (in.)				Weight (1) (lbs.)	Inertia (2) (lb. - ft.)
		Full kW	Shallow kW	No kW					A	B	D	E		
PX50QD	JA	1	1-3/16	1-1/4	1.43	900	4500	1	5-1/4	3-7/8	1	1-17/32	4.7	0.08
PX60QD	SH	1-3/8	1-5/8	1-11/16	2.86	1800	4000	1	6-1/2	4-23/32	1-1/4	1-25/32	8.0	0.24
PX70QD	SDS	1-5/8	1-15/16	2	3.49	2200	3600	1	7-3/8	4-17/32	1-5/16	1-1/2	10.7	0.45
PX80QD	SK	2-1/8	2-1/2	2-5/8	5.72	3600	3100	1	8-3/8	5-13/16	3-7/8	1-1/2	15.5	0.88
PX90QD	SK	2-1/8	2-1/2	2-5/8	7.15	4350	2800	1	9-1/4	5-7/8	3-7/8	1-9/16	22.0	1.60
PX100QD	SF	2-5/16	2-15/16	–	8.58	5250	2600	1	10	6-1/8	4-5/8	1-15/32	32.0	2.90
PX110QD	SF	2-5/16	2-15/16	–	12.3	7750	2300	1	11	5-7/8	4-5/8	1-3/16	46.0	4.30
PX120QD	E	2-7/8	3-1/2	–	20	12540	2100	1	12-3/8	7-1/4	6	1-1/4	59.8	6.70
PX140QD	F	3-1/4	3-15/16	4	44	27590	1840	2	14-1/8	9-1/2	6-5/8	1-3/8	132.5	19.50
PX160QD	J	3-3/4	4-1/2	–	60	37800	1560	2	16-5/8	11-1/2	7-1/4	1-3/8	208.7	34.60
PX200QD	J	3-3/4	4-1/2	–	131	82500	1300	2	20	11-3/4	7-1/4	1-13/16	366.0	103.00

Notes:

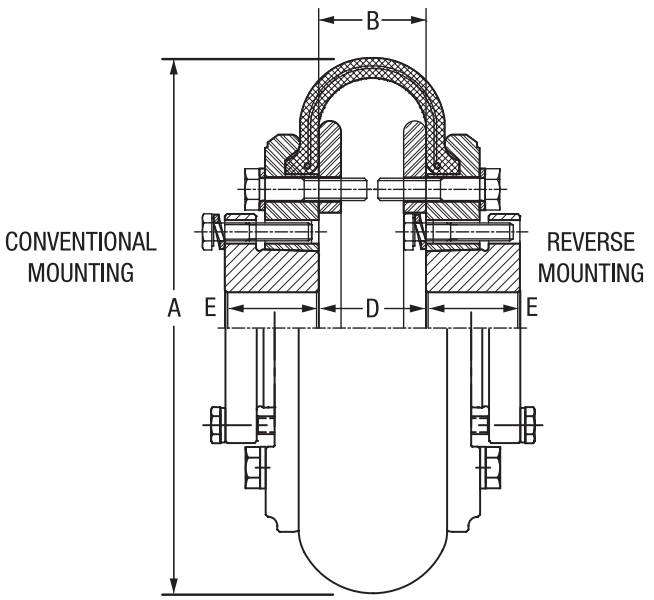
(1) Weight of complete coupling with bushings

(2) Inertia of complete coupling with bushing

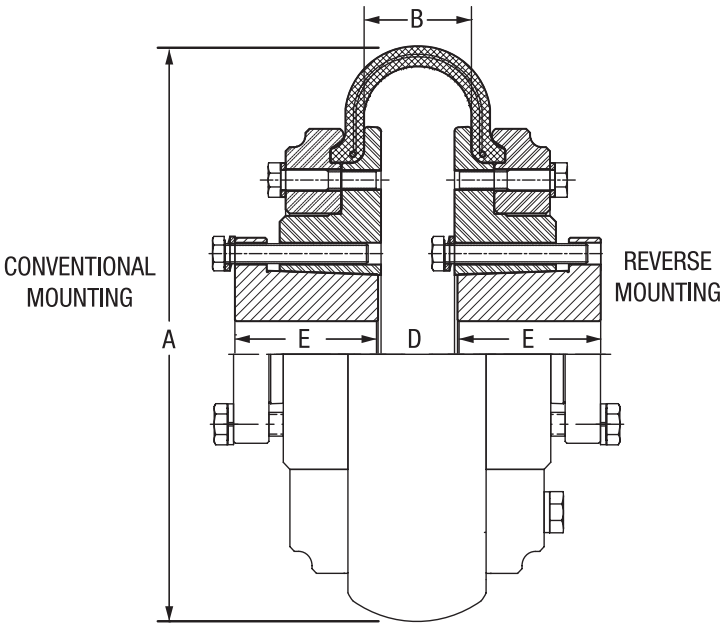
SELECTION/DIMENSIONS

BALDOR · DODGE®

Para-Flex® Couplings



PX50-120QD FLANGE ASSY



PX140-200QD FLANGE ASSY

PART NUMBERS - STANDARD, QD BUSHED

Size	PXQD Flanges		Elements Standard
	Description	Part No.	
PX50	PX50QD FLANGE ASSEMBLY	**013210**	011105
PX60	PX60QD FLANGE ASSEMBLY	**013211**	011106
PX70	PX70QD FLANGE ASSEMBLY	**013212**	011107
PX80	PX80QD FLANGE ASSEMBLY	**013213**	011108
PX90	PX90QD FLANGE ASSEMBLY	**013214**	011109
PX100	PX100QD FLANGE ASSEMBLY	**013215**	011110
PX110	PX110QD FLANGE ASSEMBLY	**013216**	011111
PX120	PX120QD FLANGE ASSEMBLY	**013217**	011112
PX140	PX140QD FLANGE ASSEMBLY	**013218**	011114
PX160	PX160QD FLANGE ASSEMBLY	**013219**	011117
PX200	PX200QD FLANGE ASSEMBLY	**013220**	011120

Complete Para-Flex QD coupling consists of one element, two flanges, and two QD bushings.
For QD bushings, reference page 6.

TEMPERATURE RANGE

Coupling Type	°F
Para-Flex®	-45°F to +180°F
D-Flex	
EPDM	-30°F to +275°F
Neoprene	0°F to +200°F
Hytrel	-65°F to +250°F
StarFlex	
NBR (Rubber)	-40°F to +212°F
Urethane	-30°F to +160°F
Hytrel	-60°F to +250°F
Bronze	-40°F to +450°F

STARFLEX MISALIGNMENT

Size	Parallel (in.)		Angular	
	NBR, Urethane, Hytrel	Bronze	NBR, Urethane	Hytrel, Bronze
L035	0.015	–	–	–
L050	0.015	0.010	–	–
L070	0.015	0.010	–	–
L075	0.015	0.010	–	–
L090	0.015	0.010	–	–
L095	0.015	0.010	–	–
L099	0.015	0.010	–	–
L100	0.015	0.010	–	–
L110	0.015	0.010	–	–
L150	0.015	0.010	–	–
L190	0.015	0.010	–	–
L225	0.015	0.010	–	–

D-FLEX MISALIGNMENT

Size	Types JE, JN, E & N			Types H & HS [4]		
	Parallel [1]	Angular [2]	End Float [3]	Parallel [1]	Angular [2]	End Float [3]
3	0.010	1°	± 0.030	–	–	–
4	0.010	1°	± 0.030	–	–	–
5	0.015	1°	± 0.046	–	–	–
6	0.015	1°	± 0.060	.010	1/4°	± 0.060
7	0.020	1°	± 0.060	.012	1/4°	± 0.060
8	0.020	1°	± 0.096	.015	1/4°	± 0.096
9	0.025	1°	± 0.096	.017	1/4°	± 0.096
10	0.025	1°	± 0.125	.020	1/4°	± 0.125
11	0.032	1°	± 0.125	.022	1/4°	± 0.125
12	0.032	1°	± 0.125	.025	1/4°	± 0.125
13	0.040	1°	± 0.125	.030	1/4°	± 0.125
14	0.045	1°	± 0.125	.035	1/4°	± 0.125
16	0.062	1°	± 0.125	–	1/4°	–

NOTE: (1) All dimensions are in inches
(2) Values are for when 1/4 or more of the rated torque is transmitted. Reduce values by 50% for lower torques
(3) Increase E dimension by this amount to accommodate end float.
(4) Types H & HS should not be used as direct replacements for EPDM or Neoprene sleeves

ENGINEERING/TECHNICAL

BALDOR · DODGE®

STARFLEX TORQUE AND SPEED RATINGS

Size	Torque (in. - lbs.)				Speed (RPM)	
	NBR	Urethane	Hytrel	Bronze	NBR, Urethane, Hytrel	Bronze
L035	3.5	–	–	–	31,000	250
L050	26	39	50	50	18,000	250
L070	43	65	114	114	14,000	250
L075	90	135	227	227	11,000	250
L090	144	216	401	401	9,000	250
L095	194	291	561	561	9,000	250
L099	318	477	792	792	7,000	250
L100	417	626	1,134	1,134	7,000	250
L110	792	1,188	2,268	2,268	5,000	250
L150	1,240	2,860	3,708	3,708	5,000	250
L190	1,728	2,592	4,680	4,680	5,000	250
L225	2,340	3,510	6,228	6,228	4,200	250

TORSIONAL STIFFNESS

Para-Flex®	
Size	in. - lbs./Degree (4)
PX40	120
PX50	224
PX60	414
PX70	544
PX80	876
PX90	1088
PX100	1530
PX110	2420
PX120	4014
PX140	8296
PX160	12,000
PX200	29,000

(4) Values are nominal and may vary +/- 20%. To convert static values to approximate dynamic values, multiply the static values by 1.2

D-FLEX TORSIONAL STIFFNESS*

Size	EPDM & Neoprene (in. - lbs./radian)	Hytrel (in. - lbs./radian)
3	229	–
4	458	–
5	916	–
6	1,718	10,000
7	2,769	20,000
8	4,335	30,000
9	6,875	47,500
10	10,980	100,000
11	17,300	125,000
12	27,500	225,000
13	43,350	368,900
14	68,775	593,250
16	180,480	–

* Values shown are for an ambient temperature of 75°F

D-FLEX SPACER BOLT TORQUES

Size	Shaft Hub Bolts (1)	
	Number	Torque ft. - lbs.
5SCH	4	4
6SCH	4	9
7SCH	4	9
8SCH	4	18
9SCH	4	31
10SCH	4	50
11SCH	4	75
12SCH	4	150
13SCH	4	150
14SCH	4	150

(1) SAE Grade 8

AMGA 9002 INCH BORE AND KEYWAY FITS

Nominal Shaft Diameter	Shaft Diameter		Clearance Fit				Interference Fit				Standard Keyway (Square Key)						Shallow Keyway (Rectangular Keys)					
			Hub Bore		Fit		Hub Bore		Fit		Nominal		Width		Scribe Height		Nominal		Width		Scribe Height	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Width	Height	Min.	Max.	Min.	Max.
1/2 - 1-1/2 (incl.)	-0.0005	+0.0000	+0.000	+0.0010	-0.0000	+0.0015	-0.0010	-0.0005	-0.0000	-0.0010	–	–	–	–	–	–	–	–	–	–	–	–
1/2	0.4995	0.5000	0.5000	0.5010	-0.0000	+0.0015	0.4990	0.4995	-0.0000	-0.0010	0.1250	0.1250	0.1250	0.1270	0.5546	0.5646	0.1250	0.0937	0.1250	0.1270	0.5389	0.5489
5/8	0.6245	0.6250	0.6250	0.6260	-0.0000	+0.0015	0.6240	0.6245	-0.0000	-0.0010	0.1250	0.1250	0.1250	0.1270	0.6812	0.6912	0.1250	0.0937	0.1250	0.1270	0.6655	0.6755
3/4	0.7495	0.7500	0.7500	0.7510	-0.0000	+0.0015	0.7490	0.7495	-0.0000	-0.0010	0.1875	0.1875	0.1875	0.1895	0.8318	0.8418	0.1875	0.1250	0.1875	0.1895	0.8006	0.8106
7/8	0.8745	0.8750	0.8750	0.8760	-0.0000	+0.0015	0.8740	0.8745	-0.0000	-0.0010	0.1875	0.1875	0.1875	0.1895	0.9586	0.9686	0.1875	0.1250	0.1875	0.1895	0.9273	0.9373
15/16	0.9370	0.9375	0.9375	0.9385	-0.0000	+0.0015	0.9365	0.9370	-0.0000	-0.0010	0.2500	0.2500	0.2500	0.2520	1.0455	1.0555	0.2500	0.1875	0.2500	0.2520	1.0143	1.0243
1	0.9995	1.0000	1.0000	1.0010	-0.0000	+0.0015	0.9990	0.9995	-0.0000	-0.0010	0.2500	0.2500	0.2500	0.2520	1.1091	1.1191	0.2500	0.1875	0.2500	0.2520	1.0779	1.0879
1-1/16	1.0620	1.0625	1.0625	1.0635	-0.0000	+0.0015	1.0615	1.0620	-0.0000	-0.0010	0.2500	0.2500	0.2500	0.2520	1.1726	1.1826	0.2500	0.1875	0.2500	0.2520	1.1413	1.1513
1-1/8	1.1245	1.1250	1.1250	1.1260	-0.0000	+0.0015	1.1240	1.1245	-0.0000	-0.0010	0.2500	0.2500	0.2500	0.2520	1.2359	1.2459	0.2500	0.1875	0.2500	0.2520	1.2047	1.2147
1-3/16	1.1870	1.1875	1.1875	1.1885	-0.0000	+0.0015	1.1865	1.1870	-0.0000	-0.0010	0.2500	0.2500	0.2500	0.2520	1.2992	1.3092	0.2500	0.1875	0.2500	0.2520	1.2679	1.2779
1-1/4	1.2495	1.2500	1.2500	1.2510	-0.0000	+0.0015	1.2490	1.2495	-0.0000	-0.0010	0.2500	0.2500	0.2500	0.2520	1.3624	1.3724	0.2500	0.1875	0.2500	0.2520	1.3311	1.3411
1-5/16	1.3120	1.3125	1.3125	1.3135	-0.0000	+0.0015	1.3115	1.3120	-0.0000	-0.0010	0.3125	0.3125	0.3125	0.3145	1.4499	1.4599	0.3125	0.2500	0.3125	0.3145	1.4186	1.4286
1-3/8	1.3745	1.3750	1.3750	1.3760	-0.0000	+0.0015	1.3740	1.3745	-0.0000	-0.0010	0.3125	0.3125	0.3125	0.3145	1.5133	1.5233	0.3125	0.2500	0.3125	0.3145	1.4820	1.4920
1-7/16	1.4370	1.4375	1.4375	1.4385	-0.0000	+0.0015	1.4365	1.4370	-0.0000	-0.0010	0.3750	0.3750	0.3750	0.3775	1.6001	1.6101	0.3750	0.2500	0.3750	0.3775	1.5376	1.5476
1-1/2	1.4995	1.5000	1.5000	1.5010	-0.0000	+0.0015	1.4990	1.4995	-0.0000	-0.0010	0.3750	0.3750	0.3750	0.3775	1.6637	1.6737	0.3750	0.2500	0.3750	0.3775	1.6012	1.6112
1-1/2 - 3 (incl.)	-0.0010	+0.0000	+0.000	+0.0010	-0.0000	+0.0020	-0.0020	-0.0010	-0.0000	-0.0020	0.3750	0.3750	0.3750	0.3775	–	–	0.3750	0.2500	0.3750	0.3775	–	–
1-9/16	1.5615	1.5625	1.5625	1.5635	-0.0000	+0.0020	1.5605	1.5615	-0.0000	-0.0020	0.3750	0.3750	0.3750	0.3775	1.7272	1.7372	0.3750	0.2500	0.3750	0.3775	1.6647	1.6747
1-5/8	1.6240	1.6250	1.6250	1.6260	-0.0000	+0.0020	1.6230	1.6240	-0.0000	-0.0020	0.3750	0.3750	0.3750	0.3775	1.7906	1.8006	0.3750	0.2500	0.3750	0.3775	1.7281	1.7381
1-11/16	1.6865	1.6875	1.6875	1.6885	-0.0000	+0.0020	1.6855	1.6865	-0.0000	-0.0020	0.3750	0.3750	0.3750	0.3775	1.8539	1.8639	0.3750	0.2500	0.3750	0.3775	1.7914	1.8014
1-3/4	1.7490	1.7500	1.7500	1.7510	-0.0000	+0.0020	1.7480	1.7490	-0.0000	-0.0020	0.3750	0.3750	0.3750	0.3775	1.9172	1.9272	0.3750	0.2500	0.3750	0.3775	1.8547	1.8647
1-13/16	1.8115	1.8125	1.8125	1.8135	-0.0000	+0.0020	1.8105	1.8115	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.0273	2.0373	0.5000	0.3750	0.5000	0.5025	1.9648	1.9748
1-7/8	1.8740	1.8750	1.8750	1.8760	-0.0000	+0.0020	1.8730	1.8740	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.0911	2.1011	0.5000	0.3750	0.5000	0.5025	2.0286	2.0386
1-15/16	1.9365	1.9375	1.9375	1.9385	-0.0000	+0.0020	1.9355	1.9365	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.1547	2.1647	0.5000	0.3750	0.5000	0.5025	2.0922	2.1022
2	1.9990	2.0000	2.0000	2.0010	-0.0000	+0.0020	1.9980	1.9990	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.2182	2.2282	0.5000	0.3750	0.5000	0.5025	2.1557	2.1657
2-1/16	2.0615	2.0625	+0.000	+0.0015	-0.0000	+0.0025	2.0605	2.0615	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.2817	2.2917	0.5000	0.3750	0.5000	0.5025	2.2192	2.2292
2-1/8	2.1240	2.1250	2.1250	2.1265	-0.0000	+0.0025	2.1230	2.1240	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.3452	2.3552	0.5000	0.3750	0.5000	0.5025	2.2827	2.2927
2-3/16	2.1865	2.1875	2.1875	2.1890	-0.0000	+0.0025	2.1855	2.1865	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.4085	2.4185	0.5000	0.3750	0.5000	0.5025	2.3460	2.3560
2-1/4	2.2490	2.2500	2.2500	2.2515	-0.0000	+0.0025	2.2480	2.2490	-0.0000	-0.0020	0.5000	0.5000	0.5000	0.5025	2.4719	2.4819	0.5000	0.3750	0.5000	0.5025	2.4094	2.4194
2-5/16	2.3115	2.3125	2.3125	2.3140	-0.0000	+0.0025	2.3105	2.3115	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.5820	2.5920	0.6250	0.4375	0.6250	0.6280	2.4882	2.4982
2-3/8	2.3740	2.3750	2.3750	2.3765	-0.0000	+0.0025	2.3730	2.3740	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.6456	2.6556	0.6250	0.4375	0.6250	0.6280	2.5519	2.5619
2-7/16	2.4365	2.4375	2.4375	2.4390	-0.0000	+0.0025	2.4355	2.4365	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.7093	2.7193	0.6250	0.4375	0.6250	0.6280	2.6155	2.6255
2-1/2	2.4990	2.5000	2.5000	2.5015	-0.0000	+0.0025	2.4980	2.4990	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.7728	2.7828	0.6250	0.4375	0.6250	0.6280	2.6791	2.6891
2-9/16	2.5615	2.5625	2.5625	2.5640	-0.0000	+0.0025	2.5605	2.5615	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.8363	2.8463	0.6250	0.4375	0.6250	0.6280	2.7426	2.7526
2-5/8	2.6240	2.6250	2.6250	2.6265	-0.0000	+0.0025	2.6230	2.6240	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.8998	2.9098	0.6250	0.4375	0.6250	0.6280	2.8060	2.8160
2-11/16	2.6865	2.6875	2.6875	2.6890	-0.0000	+0.0025	2.6855	2.6865	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	2.9632	2.9732	0.6250	0.4375	0.6250	0.6280	2.8694	2.8794
2-3/4	2.7490	2.7500	2.7500	2.7515	-0.0000	+0.0025	2.7480	2.7490	-0.0000	-0.0020	0.6250	0.6250	0.6250	0.6280	3.0265	3.0365	0.6250	0.4375	0.6250	0.6280	2.9328	2.9428
2-13/16	2.8115	2.8125	2.8125	2.8140	-0.0000	+0.0025	2.8105	2.8115	-0.0000	-0.0020	0.7500	0.7500	0.7500	0.7530	3.1366	3.1466	0.7500	0.5000	0.7500	0.7530	3.0116	3.0216
2-7/8	2.8740	2.8750	2.8750	2.8765	-0.0000	+0.0025	2.8730	2.8740	-0.0000	-0.0020	0.7500	0.7500	0.7500	0.7530	3.2002	3.2102	0.7500	0.5000	0.7500	0.7530	3.0752	3.0852
2-15/16	2.9365	2.9375	2.9375	2.9390	-0.0000	+0.0025	2.9355	2.9365	-0.0000	-0.0020	0.7500	0.7500	0.7500	0.7530	3.2638	3.2738	0.7500	0.5000	0.7500	0.7530	3.1388	3.1488
3	2.9990	3.0000	3.0000	3.0015	-0.0000	+0.0025	2.9980	2.9990	-0.0000	-0.0020	0.7500	0.7500	0.7500	0.7530	3.3274	3.3374	0.7500	0.5000	0.7500	0.7530	3.2024	3.2124
3 - 4 (incl.)	-0.0010	+0.0000	3 - 4 (incl.)	–	-0.0000	+0.0025	-0.0030	-0.0015	-0.0005	-0.0030	0.7500	0.7500	0.7500	0.7530	–	–	0.7500	0.5000	0.7500	0.7530	–	–
3-1/16	3.0615	3.0625	3.0625	3.0640	-0.0000	+0.0025	3.0595	3.0610	-0.0005	-0.0030	0.7500	0.7500	0.7500	0.7530	3.3909	3.4009	0.7500	0.5000	0.7500	0.7530	3.2659	3.2759
3-1/8	3.1240	3.1250	3.1250	3.1265	-0.0000	+0.0025	3.1220	3.1235	-0.0005	-0.0030	0.7500	0.7500	0.7500	0.7530	3.4543	3.4643	0.7500	0.5000	0.7500	0.7530	3.3293	3.3393
3-3/16	3.1865	3.1875	3.1875	3.1890	-0.0000	+0.0025	3.1845	3.1860	-0.0005	-0.0030	0.7500	0.7500	0.7500	0.7530	3.5178	3.5278	0.7500	0.5000	0.7500	0.7530	3.3928	3.4028
3-1/4	3.2490	3.2500	3.2500	3.2515	-0.0000	+0.0025	3.2470	3.2485	-0.0005	-0.0030	0.7500	0.7500	0.7500	0.7530	3.5811	3.5911	0.7500	0.5000	0.7500	0.7530	3.4561	3.4661
3-5/16	3.3115	3.3125	3.3125	3.3140	-0.0000	+0.0025	3.3095	3.3110	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	3.6912	3.7012	0.8750	0.6250	0.8750	0.8780	3.5662	3.5762
3-3/8	3.3740	3.3750	3.3750	3.3765	-0.0000	+0.0025	3.3720	3.3735	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	3.7548	3.7648	0.8750	0.6250	0.8750	0.8780	3.6298	3.6398
3-7/16	3.4365	3.4375	3.4375	3.4390	-0.0000	+0.0025	3.4345	3.4360	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	3.8184	3.8284	0.8750	0.6250	0.8750	0.8780	3.6934	3.7034
3-1/2	3.4990	3.5000	3.5000	3.5015	-0.0000	+0.0025	3.4970	3.4985	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	3.8819	3.8919	0.8750	0.6250	0.8750	0.8780	3.7569	3.7669
3-9/16	3.5615	3.5625	3.5625	3.5640	-0.0000	+0.0025	3.5595	3.5610	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	3.9454	3.9554	0.8750	0.6250	0.8750	0.8780	3.8204	3.8304
3-5/8	3.6240	3.6250	3.6250	3.6265	-0.0000	+0.0025	3.6220	3.6235	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	4.0089	4.0189	0.8750	0.6250	0.8750	0.8780	3.8839	3.8939
3-11/16	3.6865	3.6875	3.6875	3.6890	-0.0000	+0.0025	3.6845	3.6860	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	4.0723	4.0823	0.8750	0.6250	0.8750	0.8780	3.9473	3.9573
3-3/4	3.7490	3.7500	3.7500	3.7515	-0.0000	+0.0025	3.7470	3.7485	-0.0005	-0.0030	0.8750	0.8750	0.8750	0.8780	4.1357	4.1457	0.8750	0.6250	0.8750	0.8780	4.0107	4.0207
3-13/16	3.8115	3.8125	3.8125	3.8140	-0.0000	+0.0025	3.8095	3.8110	-0.0005	-0.0030	1.0000	1.0000	1.0000	1.0030	4.2458	4.2558	1.0000	0.7500	1.0000	1.0030	4.1208	4.1308
3-7/8	3.8740	3.8750	3.8750	3.8765	-0.0000	+0.0025	3.8720	3.8735	-0.0005	-0.0030	1.0000	1.0000	1.0000	1.0030	4.3094	4.3194	1.0000	0.7500	1.0000	1.0030	4.1844	4.1944
3-15/16	3.9365	3.9375	3.9375	3.9390	-0.0000	+0.0025	3.9345	3.9360	-0.0005	-0.0030	1.0000	1.0000	1.0000	1.0030	4.3729	4.3829	1.0000	0.7500	1.0000	1.0030	4.2479	4.2579
4	3.9990	4.0000	4.0000	4.0015	-0.0000	+0.0025	3.9970	3.9985	-0.0005	-0.0030	1.0000	1.0000	1.0000	1.0030	4.4365	4.4465	1.0000	0.7500	1.0000	1.0030	4.3115	4.3215
4 - 5 (incl.)	-0.0010	+0.0000	4 - 5 (incl.)	–	-0.0000	+0.0025	-0.0035	-0.0020	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	–	–	1.0000	0.7500	1.0000	1.0030	–	–
4-1/16	4.0615	4.0625	4.0625	4.0640	-0.0000	+0.0025	4.0590	4.0605	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.5000	4.5100	1.0000	0.7500	1.0000	1.0030	4.3750	4.3850
4-1/8	4.1240	4.1250	4.1250	4.1265	-0.0000	+0.0025	4.1215	4.1230	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.5635	4.5735	1.0000	0.7500	1.0000	1.0030	4.4385	4.4485
4-3/16	4.1865	4.1875	4.1875	4.1890	-0.0000	+0.0025	4.1840	4.1855	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.6269	4.6369	1.0000	0.7500	1.0000	1.0030	4.5019	4.5119
4-1/4	4.2490	4.2500	4.2500	4.2515	-0.0000	+0.0025	4.2465	4.2480	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.6903	4.7003	1.0000	0.7500	1.0000	1.0030	4.5653	4.5753
4-5/16	4.3115	4.3125	4.3125	4.3140	-0.0000	+0.0025	4.3090	4.3105	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.7537	4.7637	1.0000	0.7500	1.0000	1.0030	4.6287	4.6387
4-3/8	4.3740	4.3750	4.3750	4.3765	-0.0000	+0.0025	4.3715	4.3730	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.8171	4.8271	1.0000	0.7500	1.0000	1.0030	4.6921	4.7021
4-7/16	4.4365	4.4375	4.4375	4.4390	-0.0000	+0.0025	4.4340	4.4355	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.8804	4.8904	1.0000	0.7500	1.0000	1.0030	4.7554	4.7654
4-1/2	4.4990	4.5000	4.5000	4.5015	-0.0000	+0.0025	4.4965	4.4980	-0.0010	-0.0035	1.0000	1.0000	1.0000	1.0030	4.9437	4.9537	1.0000	0.7500	1.0000	1.0030	4.8187	4.8287
4-9/16	4.5615	4.5625	4.5625	4.5640	-0.0000	+0.0025	4.5590	4.5605	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.1002	5.1102	1.2500	0.8750	1.2500	1.2535	4.9127	4.9227
4-5/8	4.6240	4.6250	4.6250	4.6265	-0.0000	+0.0025	4.6215	4.6230	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.1639	5.1739	1.2500	0.8750	1.2500	1.2535	4.9764	4.9864
4-11/16	4.6865	4.6875	4.6875	4.6890	-0.0000	+0.0025	4.6840	4.6855	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.2276	5.2376	1.2500	0.8750	1.2500	1.2535	5.0401	5.0501
4-3/4	4.7490	4.7500	4.7500	4.7515	-0.0000	+0.0025	4.7465	4.7480	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.2913	5.3013	1.2500	0.8750	1.2500	1.2535	5.1038	5.1138
4-13/16	4.8115	4.8125	4.8125	4.8140	-0.0000	+0.0025	4.8090	4.8105	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.3549	5.3649	1.2500	0.8750	1.2500	1.2535	5.1674	5.1774

AMGA 9002 INCH BORE AND KEYWAY FITS

Nominal Shaft Diameter	Shaft Diameter		Clearance Fit				Interference Fit				Standard Keyway (Square Key)						Shallow Keyway (Rectangular Keys)					
	Min.	Max.	Hub Bore		Fit		Hub Bore		Fit		Nominal		Width		Scribe Height		Nominal		Width		Scribe Height	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Width	Height	Min.	Max.	Min.	Max.
4-7/8	4.8740	4.8750	4.8750	4.8765	-0.0000	+0.0025	4.8715	4.8730	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.4185	5.4285	1.2500	0.8750	1.2500	1.2535	5.2310	5.2410
4-15/16	4.9365	4.9375	4.9375	4.9390	-0.0000	+0.0025	4.9340	4.9355	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.4821	5.4921	1.2500	0.8750	1.2500	1.2535	5.2946	5.3046
5	4.9990	5.0000	5.0000	5.0015	-0.0000	+0.0025	4.9965	4.9980	-0.0010	-0.0035	1.2500	1.2500	1.2500	1.2535	5.5456	5.5556	1.2500	0.8750	1.2500	1.2535	5.3581	5.3681
5 - 6-1/2 (incl.)	-0.0010	+0.0000	5 - 6-1/2 (incl.)	–	-0.0000	+0.0025	-0.0040	-0.0025	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	–	–	1.2500	0.8750	1.2500	1.2535	–	–
5-1/16	5.0615	5.0625	5.0625	5.0640	-0.0000	+0.0025	5.0585	5.0600	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.6091	5.6191	1.2500	0.8750	1.2500	1.2535	5.4216	5.4316
5-1/8	5.1240	5.1250	5.1250	5.1265	-0.0000	+0.0025	5.1210	5.1225	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.6726	5.6826	1.2500	0.8750	1.2500	1.2535	5.4851	5.4951
5-3/16	5.1865	5.1875	5.1875	5.1890	-0.0000	+0.0025	5.1835	5.1850	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.7361	5.7461	1.2500	0.8750	1.2500	1.2535	5.5486	5.5586
5-1/4	5.2490	5.2500	5.2500	5.2515	-0.0000	+0.0025	5.2460	5.2475	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.7995	5.8095	1.2500	0.8750	1.2500	1.2535	5.6120	5.6220
5-5/16	5.3115	5.3125	5.3125	5.3140	-0.0000	+0.0025	5.3085	5.3100	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.8629	5.8729	1.2500	0.8750	1.2500	1.2535	5.6754	5.6854
5-3/8	5.3740	5.3750	5.3750	5.3765	-0.0000	+0.0025	5.3710	5.3725	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.9263	5.9363	1.2500	0.8750	1.2500	1.2535	5.7388	5.7488
5-7/16	5.4365	5.4375	5.4375	5.4390	-0.0000	+0.0025	5.4335	5.4350	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	5.9897	5.9997	1.2500	0.8750	1.2500	1.2535	5.8022	5.8122
5-1/2	5.4990	5.5000	5.5000	5.5015	-0.0000	+0.0025	5.4960	5.4975	-0.0015	-0.0040	1.2500	1.2500	1.2500	1.2535	6.0530	6.0630	1.2500	0.8750	1.2500	1.2535	5.8655	5.8755
5-9/16	5.5615	5.5625	5.5625	5.5640	-0.0000	+0.0025	5.5585	5.5600	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.2095	6.2195	1.5000	1.0000	1.5000	1.5035	5.9595	5.9695
5-5/8	5.6240	5.6250	5.6250	5.6265	-0.0000	+0.0025	5.6210	5.6225	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.2732	6.2832	1.5000	1.0000	1.5000	1.5035	6.0232	6.0332
5-11/16	5.6865	5.6875	5.6875	5.6890	-0.0000	+0.0025	5.6835	5.6850	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.3368	6.3468	1.5000	1.0000	1.5000	1.5035	6.0868	6.0968
5-3/4	5.7490	5.7500	5.7500	5.7515	-0.0000	+0.0025	5.7460	5.7475	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.4005	6.4105	1.5000	1.0000	1.5000	1.5035	6.1505	6.1605
5-13/16	5.8115	5.8125	5.8125	5.8140	-0.0000	+0.0025	5.8085	5.8100	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.4641	6.4741	1.5000	1.0000	1.5000	1.5035	6.2141	6.2241
5-7/8	5.8740	5.8750	5.8750	5.8765	-0.0000	+0.0025	5.8710	5.8725	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.5276	6.5376	1.5000	1.0000	1.5000	1.5035	6.2776	6.2876
5-15/16	5.9365	5.9375	5.9375	5.9390	-0.0000	+0.0025	5.9335	5.9350	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.5912	6.6012	1.5000	1.0000	1.5000	1.5035	6.3412	6.3512
6	5.9990	6.0000	6.0000	6.0015	-0.0000	+0.0025	5.9960	5.9975	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.6547	6.6647	1.5000	1.0000	1.5000	1.5035	6.4047	6.4147
6-1/16	6.0615	6.0625	6.0625	6.0640	-0.0000	+0.0025	6.0585	6.0600	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.7183	6.7283	1.5000	1.0000	1.5000	1.5035	6.4683	6.4783
6-1/8	6.1240	6.1250	6.1250	6.1265	-0.0000	+0.0025	6.1210	6.1225	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.7817	6.7917	1.5000	1.0000	1.5000	1.5035	6.5317	6.5417
6-3/16	6.1865	6.1875	6.1875	6.1890	-0.0000	+0.0025	6.1835	6.1850	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.8452	6.8552	1.5000	1.0000	1.5000	1.5035	6.5952	6.6052
6-1/4	6.2490	6.2500	6.2500	6.2515	-0.0000	+0.0025	6.2460	6.2475	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.9087	6.9187	1.5000	1.0000	1.5000	1.5035	6.6587	6.6687
6-5/16	6.3115	6.3125	6.3125	6.3140	-0.0000	+0.0025	6.3085	6.3100	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	6.9721	6.9821	1.5000	1.0000	1.5000	1.5035	6.7221	6.7321
6-3/8	6.3740	6.3750	6.3750	6.3765	-0.0000	+0.0025	6.3710	6.3725	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	7.0355	7.0455	1.5000	1.0000	1.5000	1.5035	6.7855	6.7955
6-7/16	6.4365	6.4375	–	–	–	–	6.4335	6.4350	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	7.0989	7.1089	1.5000	1.0000	1.5000	1.5035	6.8489	6.8589
6-1/2	6.4990	6.5000	–	–	–	–	6.4960	6.4975	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	7.1623	7.1723	1.5000	1.0000	1.5000	1.5035	6.9123	6.9223
6-1/2 - 7 (incl.)	-0.0010	+0.0000	–	–	–	–	-0.0040	-0.0025	-0.0015	-0.0040	1.5000	1.5000	1.5000	1.5035	–	–	1.5000	1.0000	1.5000	1.5035	–	–
6-9/16	6.5615	6.5625	–	–	–	–	6.5585	6.5600	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.3187	7.3287	1.7500	1.5000	1.7500	1.7540	7.1937	7.2037
6-5/8	6.6240	6.6250	–	–	–	–	6.6210	6.6225	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.3823	7.3923	1.7500	1.5000	1.7500	1.7540	7.2573	7.2673
6-11/16	6.6865	6.6875	–	–	–	–	6.6835	6.6850	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.4460	7.4560	1.7500	1.5000	1.7500	1.7540	7.3210	7.3310
6-3/4	6.7490	6.7500	–	–	–	–	6.7460	6.7475	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.5096	7.5196	1.7500	1.5000	1.7500	1.7540	7.3846	7.3946
6-13/16	6.8115	6.8125	–	–	–	–	6.8085	6.8100	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.5732	7.5832	1.7500	1.5000	1.7500	1.7540	7.4482	7.4582
6-7/8	6.8740	6.8750	–	–	–	–	6.8710	6.8725	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.6368	7.6468	1.7500	1.5000	1.7500	1.7540	7.5118	7.5218
6-15/16	6.9365	6.9375	–	–	–	–	6.9335	6.9350	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.7003	7.7103	1.7500	1.5000	1.7500	1.7540	7.5753	7.5853
7	6.9990	7.0000	–	–	–	–	6.9960	6.9975	-0.0015	-0.0040	1.7500	1.7500	1.7500	1.7540	7.7639	7.7739	1.7500	1.5000	1.7500	1.7540	7.6389	7.6489
7 - 8 (incl.)	-0.0010	+0.0000	–	–	–	–	-0.0050	-0.0030	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	–	–	1.7500	1.5000	1.7500	1.7540	–	–
7-1/16	7.0615	7.0625	–	–	–	–	7.0575	7.0595	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	7.8274	7.8374	1.7500	1.5000	1.7500	1.7540	7.7024	7.7124
7-1/8	7.1240	7.1250	–	–	–	–	7.1200	7.1220	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	7.8909	7.9009	1.7500	1.5000	1.7500	1.7540	7.7659	7.7759
7-3/16	7.1865	7.1875	–	–	–	–	7.1825	7.1845	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	7.9544	7.9644	1.7500	1.5000	1.7500	1.7540	7.8294	7.8394
7-1/4	7.2490	7.2500	–	–	–	–	7.2450	7.2470	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	8.0178	8.0278	1.7500	1.5000	1.7500	1.7540	7.8928	7.9028
7-5/16	7.3115	7.3125	–	–	–	–	7.3075	7.3095	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	8.0813	8.0913	1.7500	1.5000	1.7500	1.7540	7.9563	7.9663
7-3/8	7.3740	7.3750	–	–	–	–	7.3700	7.3720	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	8.1447	8.1547	1.7500	1.5000	1.7500	1.7540	8.0197	8.0297
7-7/16	7.4365	7.4375	–	–	–	–	7.4325	7.4345	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	8.2081	8.2181	1.7500	1.5000	1.7500	1.7540	8.0831	8.0931
7-1/2	7.4990	7.5000	–	–	–	–	7.4950	7.4970	-0.0020	-0.0050	1.7500	1.7500	1.7500	1.7540	8.2715	8.2815	1.7500	1.5000	1.7500	1.7540	8.1465	8.1565
7-9/16	7.5615	7.5625	–	–	–	–	7.5575	7.5595	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.4279	8.4379	2.0000	1.5000	2.0000	2.0040	8.1779	8.1879
7-5/8	7.6240	7.6250	–	–	–	–	7.6200	7.6220	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.4915	8.5015	2.0000	1.5000	2.0000	2.0040	8.2415	8.2515
7-11/16	7.6865	7.6875	–	–	–	–	7.6825	7.6845	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.5551	8.5651	2.0000	1.5000	2.0000	2.0040	8.3051	8.3151
7-3/4	7.7490	7.7500	–	–	–	–	7.7450	7.7470	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.6187	8.6287	2.0000	1.5000	2.0000	2.0040	8.3687	8.3787
7-13/16	7.8115	7.8125	–	–	–	–	7.8075	7.8095	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.6823	8.6923	2.0000	1.5000	2.0000	2.0040	8.4323	8.4423
7-7/8	7.8740	7.8750	–	–	–	–	7.8700	7.8720	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.7459	8.7559	2.0000	1.5000	2.0000	2.0040	8.4959	8.5059
7-15/16	7.9365	7.9375	–	–	–	–	7.9325	7.9345	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.8095	8.8195	2.0000	1.5000	2.0000	2.0040	8.5595	8.5695
8	7.9990	8.0000	–	–	–	–	7.9950	7.9970	-0.0020	-0.0050	2.0000	2.0000	2.0000	2.0040	8.8730	8.8830	2.0000	1.5000	2.0000	2.0040	8.6230	8.6330
8 - 9 (incl.)	-0.0010	+0.0000	–	–	–	–	-0.0055	-0.0035	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	–	–	2.0000	1.5000	2.0000	2.0040	–	–
8-1/16	8.0615	8.0625	–	–	–	–	8.0570	8.0590	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	8.9365	8.9465	2.0000	1.5000	2.0000	2.0040	8.6865	8.6965
8-1/8	8.1240	8.1250	–	–	–	–	8.1195	8.1215	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.0000	9.0100	2.0000	1.5000	2.0000	2.0040	8.7500	8.7600
8-3/16	8.1865	8.1875	–	–	–	–	8.1820	8.1840	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.0635	9.0735	2.0000	1.5000	2.0000	2.0040	8.8135	8.8235
8-1/4	8.2490	8.2500	–	–	–	–	8.2445	8.2465	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.1270	9.1370	2.0000	1.5000	2.0000	2.0040	8.8770	8.8870
8-5/16	8.3115	8.3125	–	–	–	–	8.3070	8.3090	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.1904	9.2004	2.0000	1.5000	2.0000	2.0040	8.9404	8.9504
8-3/8	8.3740	8.3750	–	–	–	–	8.3695	8.3715	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.2538	9.2638	2.0000	1.5000	2.0000	2.0040	9.0038	9.0138
8-7/16	8.4365	8.4375	–	–	–	–	8.4320	8.4340	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.3173	9.3273	2.0000	1.5000	2.0000	2.0040	9.0673	9.0773
8-1/2	8.4990	8.5000	–	–	–	–	8.4945	8.4965	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.3807	9.3907	2.0000	1.5000	2.0000	2.0040	9.1307	9.1407
8-9/16	8.5615	8.5625	–	–	–	–	8.5570	8.5590	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.4441	9.4541	2.0000	1.5000	2.0000	2.0040	9.1941	9.2041
8-5/8	8.6240	8.6250	–	–	–	–	8.6195	8.6215	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.5075	9.5175	2.0000	1.5000	2.0000	2.0040	9.2575	9.2675
8-11/16	8.6865	8.6875	–	–	–	–	8.6820	8.6840	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.5708	9.5808	2.0000	1.5000	2.0000	2.0040	9.3208	9.3308
8-3/4	8.7490	8.7500	–	–	–	–	8.7445	8.7465	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.6342	9.6442	2.0000	1.5000	2.0000	2.0040	9.3842	9.3942
8-13/16	8.8115	8.8125	–	–	–	–	8.8070	8.8090	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.6975	9.7075	2.0000	1.5000	2.0000	2.0040	9.4475	9.4575
8-7/8	8.8740	8.8750	–	–	–	–	8.8695	8.8715	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.7609	9.7709	2.0000	1.5000	2.0000	2.0040	9.5109	9.5209
8-15/16	8.9365	8.9375	–	–	–	–	8.9320	8.9340	-0.0025	-0.0055	2.0000	2.0000	2.0000	2.0040	9.8242	9.8342	2.0000	1.5000	2.0000	2.0040	9.5742	9.5842

ISO R775 METRIC BORE AND KEYWAY FITS

Nominal Shaft Diameter (mm)	Shaft Diameter			Clearance Fit						Transitional Fit						Interference Fit						Keyway						
	Max.	/	Min.	Hub Bore			Fit			Hub Bore			Fit			Hub Bore			Fit			Nominal			Width D10		Scribe Height	
	j6			F7						H7						M6						Width	X	Height	Min.	Max.	Min.	Max.
	+0.008	/	- 0.003	+0.016	/	+ 0.034	+0.008	/	+0.037	0.000	/	+0.018	-0.008	/	+0.021	-0.015	/	-0.004	-0.023	/	-0.001							
12	12.008	/	11.997	12.016	/	12.034	0.008	/	0.037	12.000	/	12.018	-0.008	/	0.021	11.985	/	11.996	-0.023	/	-0.001	4	X	1.8	4.03	4.078	13.8	13.9
14	14.008	/	13.997	14.016	/	14.034	1.008	/	1.037	14.000	/	14.018	-0.008	/	0.021	13.985	/	13.996	-0.023	/	-0.001	5	X	2.3	5.03	5.078	16.3	16.4
16	16.008	/	15.997	16.016	/	16.034	2.008	/	2.037	16.000	/	16.018	-0.008	/	0.021	15.985	/	15.996	-0.023	/	-0.001	5	X	2.3	5.03	5.078	18.3	18.4
18	18.008	/	17.997	18.016	/	18.034	3.008	/	3.037	18.000	/	18.018	-0.008	/	0.021	17.985	/	17.996	-0.023	/	-0.001	6	X	2.8	6.03	6.078	20.8	20.9
>18	j6			F7						H7						M6												
	+0.009	/	-0.004	+0.02	/	+0.041	+0.011	/	+0.045	0.000	/	+0.021	-0.009	/	+0.025	-0.017	/	-0.004	-0.026	/	0.000							
19	19.009	/	18.996	19.02	/	19.041	0.011	/	0.045	19.000	/	19.021	-0.009	/	0.025	18.983	/	18.996	-0.026	/	0.000	6	X	2.8	6.03	6.078	21.8	21.9
20	20.009	/	19.996	20.02	/	20.041	0.011	/	0.045	20.000	/	20.021	-0.009	/	0.025	19.983	/	19.996	-0.026	/	0.000	6	X	2.8	6.03	6.078	22.8	22.9
22	22.009	/	21.996	22.02	/	22.041	0.011	/	0.045	22.000	/	22.021	-0.009	/	0.025	21.983	/	21.996	-0.026	/	0.000	6	X	2.8	6.03	6.078	24.8	24.9
24	24.009	/	23.996	24.02	/	24.041	0.011	/	0.045	24.000	/	24.021	-0.009	/	0.025	23.983	/	23.996	-0.026	/	0.000	8	X	3.3	8.04	8.098	27.3	27.5
25	25.009	/	24.996	25.02	/	25.041	0.011	/	0.045	25.000	/	25.021	-0.009	/	0.025	24.983	/	24.996	-0.026	/	0.000	8	X	3.3	8.04	8.098	28.3	28.5
28	28.009	/	27.996	28.02	/	28.041	0.011	/	0.045	28.000	/	28.021	-0.009	/	0.025	27.983	/	27.996	-0.026	/	0.000	8	X	3.3	8.04	8.098	31.3	31.5
30	30.009	/	29.996	30.02	/	30.041	0.011	/	0.045	30.000	/	30.021	-0.009	/	0.025	29.983	/	29.996	-0.026	/	0.000	8	X	3.3	8.04	8.098	33.3	33.5
>30	k6			F7						H7						K6												
	+0.018	/	+0.002	+0.025	/	+0.050	+0.007	/	+0.048	0.000	/	+0.025	-0.018	/	+0.023	-0.013	/	+0.003	-0.031	/	+0.001							
32	32.018	/	32.002	32.025	/	32.050	0.007	/	0.048	32.000	/	32.025	-0.018	/	0.023	31.987	/	32.003	-0.031	/	0.001	10	X	3.3	10.04	10.098	35.3	35.5
35	35.018	/	35.002	35.025	/	35.050	0.007	/	0.048	35.000	/	35.025	-0.018	/	0.023	34.987	/	35.003	-0.031	/	0.001	10	X	3.3	10.04	10.098	38.3	38.5
38	38.018	/	38.002	38.025	/	38.050	0.007	/	0.048	38.000	/	38.025	-0.018	/	0.023	37.987	/	38.003	-0.031	/	0.001	10	X	3.3	10.04	10.098	41.3	41.5
40	40.018	/	40.002	40.025	/	40.050	0.007	/	0.048	40.000	/	40.025	-0.018	/	0.023	39.987	/	40.003	-0.031	/	0.001	12	X	3.3	12.05	12.12	43.3	43.5
42	42.018	/	42.002	42.025	/	42.050	0.007	/	0.048	42.000	/	42.025	-0.018	/	0.023	41.987	/	42.003	-0.031	/	0.001	12	X	3.3	12.05	12.12	45.3	45.5
45	45.018	/	45.002	45.025	/	45.050	0.007	/	0.048	45.000	/	45.025	-0.018	/	0.023	44.987	/	45.003	-0.031	/	0.001	14	X	3.8	14.05	14.12	48.8	49
48	48.018	/	48.002	48.025	/	48.050	0.007	/	0.048	48.000	/	48.025	-0.018	/	0.023	47.987	/	48.003	-0.031	/	0.001	14	X	3.8	14.05	14.12	51.8	52
50	50.018	/	50.002	50.025	/	50.050	0.007	/	0.048	50.000	/	50.025	-0.018	/	0.023	49.987	/	50.003	-0.031	/	0.001	14	X	3.8	14.05	14.12	53.8	54
>50	m6			F7						H7						K7												
	+0.030	/	+0.011	+0.030	/	+0.060	0	/	+0.049	0.000	/	+0.030	-0.030	/	+0.019	-0.021	/	+0.009	-0.051	/	-0.002							
55	55.030	/	55.011	55.030	/	55.060	0.000	/	0.049	55.000	/	55.030	-0.030	/	0.019	54.979	/	55.009	-0.051	/	-0.002	16	X	4.3	16.05	16.12	59.3	59.5
56	56.030	/	56.011	56.030	/	56.060	0.000	/	0.049	56.000	/	56.030	-0.030	/	0.019	55.979	/	56.009	-0.051	/	-0.002	16	X	4.3	16.05	16.12	60.3	60.5
60	60.030	/	60.011	60.030	/	60.060	0.000	/	0.049	60.000	/	60.030	-0.030	/	0.019	59.979	/	60.009	-0.051	/	-0.002	18	X	4.4	18.05	18.12	64.4	64.6
63	63.030	/	63.011	63.030	/	63.060	0.000	/	0.049	63.000	/	63.030	-0.030	/	0.019	62.979	/	63.009	-0.051	/	-0.002	18	X	4.4	18.05	18.12	67.4	67.6
65	65.030	/	65.011	65.030	/	65.060	0.000	/	0.049	65.000	/	65.030	-0.030	/	0.019	64.979	/	65.009	-0.051	/	-0.002	18	X	4.4	18.05	18.12	69.4	69.6
70	70.030	/	70.011	70.030	/	70.060	0.000	/	0.049	70.000	/	70.030	-0.030	/	0.019	69.979	/	70.009	-0.051	/	-0.002	20	X	4.9	20.065	20.149	74.9	75.1
71	71.030	/	71.011	71.030	/	71.060	0.000	/	0.049	71.000	/	71.030	-0.030	/	0.019	70.979	/	71.009	-0.051	/	-0.002	20	X	4.9	20.065	20.149	75.9	76.1
75	75.030	/	75.011	75.030	/	75.060	0.000	/	0.049	75.000	/	75.030	-0.030	/	0.019	74.979	/	75.009	-0.051	/	-0.002	20	X	4.9	20.065	20.149	79.9	80.1
80	80.030	/	80.011	80.030	/	80.060	0.000	/	0.049	80.000	/	80.030	-0.030	/	0.019	79.979	/	80.009	-0.051	/	-0.002	22	X	5.4	22.065	22.149	85.4	85.6
>80	m6			F7						H7						M7												
	+0.035	/	+0.013	+0.036	/	+0.071	+0.001	/	+0.058	0.000	/	+0.035	-0.035	/	+0.022	-0.035	/	0.000	-0.070	/	-0.013							
85	85.035	/	85.013	85.036	/	85.071	0.001	/	0.058	85.000	/	85.035	-0.035	/	0.022	84.965	/	85.000	-0.070	/	-0.013	22	X	5.4	22.065	22.149	90.4	90.6
90	90.035	/	90.013	90.036	/	90.071	0.001	/	0.058	90.000	/	90.035	-0.035	/	0.022	89.965	/	90.000	-0.070	/	-0.013	25	X	5.4	25.065	25.149	95.4	95.6
95	95.035	/	95.013	95.036	/	95.071	0.001	/	0.058	95.000	/	95.035	-0.035	/	0.022	94.965	/	95.000	-0.070	/	-0.013	25	X	5.4	25.065	25.149	100.4	100.6
100	100.035	/	100.013	100.036	/	100.071	0.001	/	0.058	100.000	/	100.035	-0.035	/	0.022	99.965	/	100.000	-0.070	/	-0.013	28	X	6.4	28.065	28.149	106.4	106.6
>100	m6			F7						H7						P7												
	+0.035	/	+0.013	+0.036	/	+0.071	+0.001	/	+0.058	0.000	/	+0.035	-0.035	/	+0.022	-0.059	/	-0.024	-0.094	/	-0.037							
110	110.035	/	110.013	110.036	/	110.071	0.001	/	0.058	110.000	/	110.035	-0.035	/	0.022	109.941	/	109.976	-0.094	/	-0.037	28	X	6.4	28.065	28.149	116.4	116.6
120	120.035	/	120.013	120.036	/	120.071	0.001	/	0.058	120.000	/	120.035	-0.035	/	0.022	119.941	/	119.976	-0.094	/	-0.037	32	X	7.4	32.08	32.18	127.4	127.6
>120	m6			F7						H7						P7												
	+0.040	/	+0.015	+0.043	/	+0.083	+0.003	/	+0.068	0.000	/	+0.040	-0.040	/	+0.025	-0.068	/	-0.028	-0.108	/	-0.043							
125	125.040	/	125.015	125.043	/	125.083	0.003	/	0.068	125.000	/	125.04	-0.040	/	0.025	124.932	/	124.972	-0.108	/	-0.043	32	X	7.4	32.08	32.18	132.4	132.6
130	130.040	/	130.015	130.043	/	130.083	0.003	/	0.068	130.000	/	130.04	-0.040	/	0.025	129.932	/	129.972	-0.108	/	-0.043	32	X	7.4	32.08	32.18	137.4	137.6
140	140.040	/	140.015	140.043	/	140.083	0.003	/	0.068	140.000	/	140.04	-0.040	/	0.025	139.932	/	139.972	-0.108	/	-0.043	36	X	8.4	36.08	36.18	148.4	148.7
150	150.040	/	150.015	150.043	/	150.083	0.003	/	0.068	150.000	/	150.04	-0.040	/	0.025	149.932	/	149.972	-0.108	/	-0.043	36	X	8.4	36.08	36.18	158.4	158.7
160	160.040	/	160.015	160.043	/	160.083	0.003	/	0.068	160.000	/	160.04	-0.040	/	0.025	159.932	/	159.972	-0.108	/	-0.043	40	X	9.4	40.08	40.18	169.4	169.7
170	170.040	/	170.015	170.043	/	170.083	0.003	/	0.068	170.000	/	170.04	-0.040	/	0.025	169.932	/	169.972	-0.108	/	-0.043	40	X	9.4	40.08	40.18	179.4	179.7
180	180.040	/	180.015	180.043	/	180.083	0.003	/	0.068	180.000	/	180.04	-0.040	/	0.025	179.932	/	179.972	-0.108	/	-0.043	45	X	10.4	45.08	45.18	190.4	190.7
>180	m6			F7						H7						P7												
	+0.046	/	+0.017	+0.050	/	+0.096	+0.004	/	+0.079	0.000	/	+0.046	-0.046	/	+0.029	-0.079	/	-0.033	-0.125	/	-0.050							
190	190.046	/	190.017	190.050	/	190.096	0.004	/	0.079	190.000	/	190.046	-0.046	/	0.029	189.921	/	189.967	-0.125	/	-0.050	45	X	10.4	45.08	45.18	200.4	200.7
200	200.046	/	200.017	200.050	/	200.096	0.004	/	0.079	200.000	/	200.046	-0.046	/	0.029	199.921	/	199.967	-0.125	/	-0.050	45	X	10.4	45.08	45.18	210.4	210.7
>200	m6			F7						H7						R7												
	+0.046	/	+0.017	+0.050	/	+0.096	+0.004	/	+0.079	0.000	/	+0.046	-0.046	/	+0.029	-0.109	/	-0.063	-0.155	/	-0.080							
210	210.046	/	210.017	210.050	/	210.096	0.004	/	0.079	210.000	/	210.046	-0.046	/	0.029	209.891	/	209.937	-0.155	/	-0.080	50	X	11.4	50.08	50.18	221.4	221.7
220	220.046	/	220.017	220.050	/	220.096	0.004	/	0.079	220.000	/	220.046	-0.046	/	0.029	219.891	/	219.937	-0.155	/	-0.080	50	X	11.4	50.08	50.18	231.4	231.7
225	225.046	/	225.017	225.050	/	225.096	0.004	/	0.079	225.000	/	225.046	-0.046	/	0.029	224.891	/	224.937	-0.155	/	-0.080	50	X	11.4	50.08	50.18	236.4	236.7

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

PART NUMBER INDEX

BALDOR · DODGE

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

PART NUMBER INDEX

BALDOR · DODGE®

For Additional information and Dodge® Product Manuals on Dodge PT Components:

> contact your local authorized Dodge Distributor

> contact us at 864.297.4800

> visit us on the web at www.baldor.com

MISSION

Our mission is to be the best (as determined by our customers) marketers, designers and manufacturers of industrial electric motors, drives and mechanical power transmission products

Taking care of our customers safely

BALDOR
A MEMBER OF THE ABB GROUP

P.O. Box 2400, Fort Smith, AR 72902-2400 U.S.A., Ph: (1) 479.646.4711, Fax (1) 479.648.5792, International Fax (1) 479.648.5895

Baldor•Dodge®

6040 Ponders Court, Greenville, SC 29615-4617 U.S.A., Ph: (1) 864.297.4800, Fax: (1) 864.281.2433

www.baldor.com

CA6000

04/17 Litho 10,000