



SOLUTIONS BY SOLVE »

MD FLEX COUPLINGS



IN STOCK + READY TO SHIP

WE HAVE THE FLEX COUPLINGS YOU NEED

- Available in sizes 3–14 in finished bores, both inch and metric
- Quick and easy installation
- No lubrication or maintenance required
- Allows for 4-way flexing (parallel, angular, torsional and axial)
- Smooth and quiet performance
- Sizes 3–5J and 5S are made from powdered metal, while sizes 6–14 are made from cast iron
- **Type E elements with retaining ring also available**



Type B Coupling



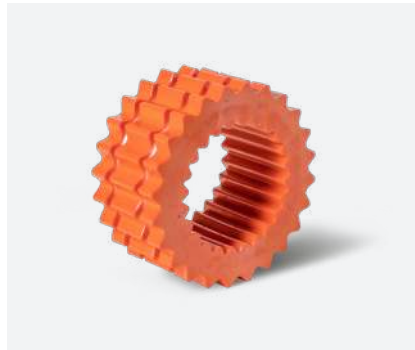
Type J Coupling



Type S Coupling



Neoprene Solid Insert



Hytrel Solid Insert



EPDM Solid Insert



Neoprene Split Insert



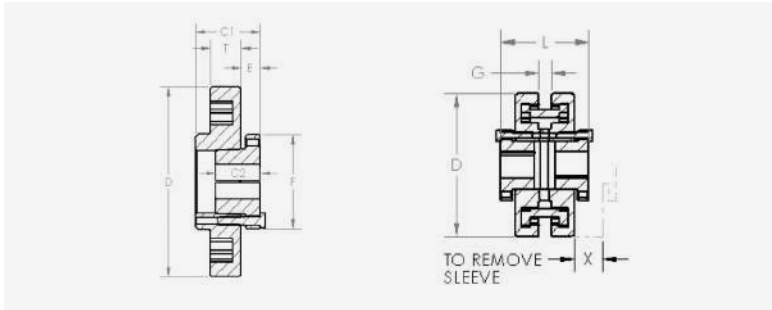
Hytrel Split Insert



EPDM Split Insert

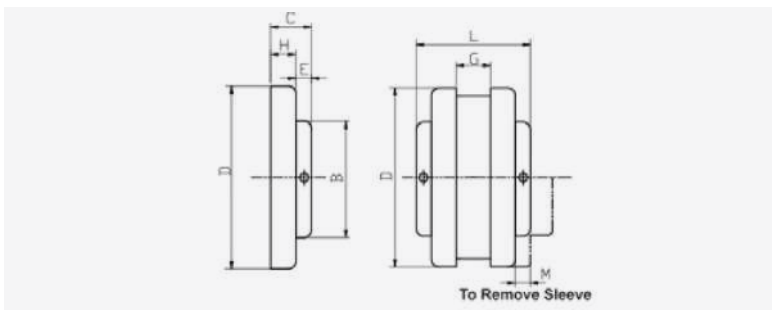
MD FLEX COUPLING HUBS

MD Flex Couplings - Type B



Flange Size	Maximum bore (with keyseat)	Dimensions (in)										Weight (lbs)
		Bushing	C1	C2	D	E	F	G	L	T	X	
6B	1 1/4	JA	1 7/16	1	4.000	15/32	2	7/8	3 3/8	25/32	1 3/32	1.4
7B	1 1/4	JA	1 5/8	1	4.625	15/32	2	1	3 1/2	25/32	1 5/16	1.9
8B	1 5/8	SH	1 29/32	1 1/4	5.450	9/16	2 11/16	1 1/8	4 1/16	29/32	1 1/2	2.9
9B	1 15/16	SD	2 1/4	1 13/16	6.350	5/8	3 3/16	1 7/16	4 3/4	1 1/32	1 3/4	4.8
10B	2 1/2	SK	1 15/16	1 7/8	7.500	23/32	3 7/8	1 5/8	5 1/2	1 7/32	2	7.8
11B	2 15/16	SF	2 3/16	2	8.625	11/16	4 5/8	1 7/8	6 1/4	1 1/2	2 3/8	12
12B	3 1/2	E	2 23/32	2 5/8	10.000	29/32	6	2 5/16	7 1/2	1 11/16	2 11/16	18
13B	3 15/16	F	3 3/4	3 5/8	11.750	1 1/16	6 5/8	2 11/16	8 3/4	1 31/32	3	31.2
14B	3 15/16	F	3 3/4	3 5/8	13.875	1 1/16	6 5/8	3 1/4	9 7/8	2 1/4	3 1/2	51.4

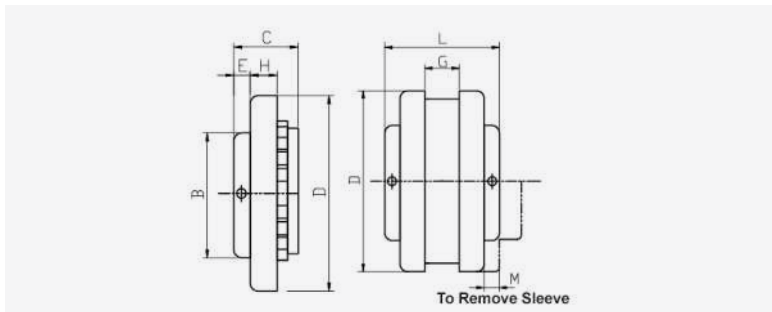
MD Flex Couplings - Type J



Flange Size	Bore Sizes Available (in)	Bore Sizes Available (mm)	Dimensions (in)								Weight (lbs)
			D	C	E	G	B	L	H	M	
3J	3/8, 1/2, 5/8, 3/4, 7/8	11, 12, 14, 15, 16, 19	2.063	13/16	7/16	3/8	1 1/2	2	3/8	9/16	0.3
4J	1/2, 5/8, 3/4, 7/8, 15/16, 1	14, 15, 16, 19, 20, 24, 25	2.461	7/8	7/16	5/8	1 5/8	2 3/8	7/16	3/4	0.4
5J	1/2, 5/8, 3/4, 7/8, 15/16, 1, 1 1/8		3.252	1 1/16	15/32	3/4	1 7/8	2 7/8	19/32	31/32	0.9
6J	5/8, 3/4, 7/8, 15/16, 1, 1 1/8, 1 3/16, 1 1/4, 1 3/8		4.000	1 7/32	19/32	7/8	1 5/16	3 5/16	5/8	1 3/32	1.2

Material: 3J-5J Powdered Metal, 6J Cast Iron

MD Flex Couplings - Type S



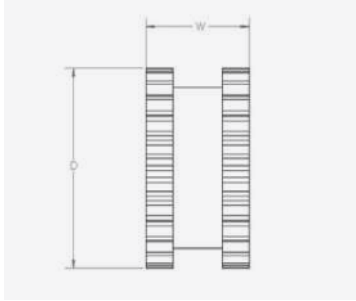
Flange Size	Type	Bore Sizes Available (in)	Bore Sizes Available (mm)	Dimensions (in)								Weight (lbs)
				D	C	E	G	B	L	H	M	
5S		5/8, 3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4	14, 15, 16, 19, 20, 24, 25, 28	3.252	1 11/32	29/64	3/4	1 7/8	2 27/32	19/32	31/32	1.1
6S	1	15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2	15, 19, 20, 24, 25, 28, 30, 32, 35, 38	4.000	1 5/8	9/16	7/8	2 1/2	3 9/16	25/32	1	1.9
	2	1 5/8, 1 3/4	N/A	4.000	1 5/16	9/16	7/8	2 1/2	3 9/16	25/32	1 3/32	1.8
	3	1 7/8	N/A	4.000	1 9/16	25/32	7/8	2 13/16	4 1/16	25/32	1 3/32	1.8
7S		3/4, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2, 1 5/8	19, 24, 25, 28, 30, 32, 35, 38, 42	4.625	1 27/32	11/16	1	2 13/16	3 15/16	25/32	1 5/16	2.6
8S	1	7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8	24, 28, 30, 32, 38, 42, 45, 48	5.449	2 3/32	3/4	1 1/8	3 1/4	4 7/16	29/32	1 1/2	4.4
	2	2 3/8		5.449	1 15/16	1 1/32	1 1/8	3 1/4	5	29/32	1 1/2	3.7
9S	1	15/16, 1, 1 1/16, 1 1/8, 1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 3/8, 2 1/2	24, 30, 32, 38, 42, 45, 48	6.350	2 13/32	25/32	17/16	3 5/8	5 1/16	1 1/32	1 3/4	6.8
	2	2 7/8	N/A	6.350	2 9/32	1 1/4	17/16	4 1/8	6	1 1/32	1 3/4	6.2
10S		1 1/8, 1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 7/8, 1 15/16, 2, 2 1/16, 2 1/8, 2 3/16, 2 1/4, 2 3/8, 2 7/16, 2 1/2, 2 5/8, 2 3/4, 2 7/8, 3	30, 32, 35, 38, 42, 45, 48, 50, 52, 55, 60	7.500	2 21/32	13/16	1 5/8	4 3/8	5 11/16	1 7/32	2	10.5
11S	1	1 1/4, 1 3/8, 1 7/16, 1 1/2, 1 5/8, 1 3/4, 1 7/8, 2, 2 1/16, 2 1/8, 2 1/4, 2 3/8, 2 5/8, 2 3/4, 2 7/8, 3, 3 3/8, 3 7/16	38, 42, 45, 48, 52, 60, 70, 80	8.625	3 7/16	1 1/8	1 7/8	5 1/4	7 1/8	1 1/2	2 3/8	16.6
	2	3 7/8	N/A	8.625	3 1/16	1 9/16	1 7/8	5 5/8	8	1 1/2	2 3/8	16.4
12S		1 5/8, 1 3/4, 1 7/8, 2 1/16, 2 1/8, 2 3/8, 2 5/8, 2 3/4, 2 7/8, 3 3/8, 3 7/16, 3 5/8, 3 7/8	50, 60, 65, 70, 80, 90	10	4	1 9/32	2 5/16	5 3/4	8 1/4	1 11/16	2 11/16	26.6
13S		2 1/8, 2 3/8, 2 7/8, 3 3/8, 3 7/16, 3 15/16	N/A	11.750	4 3/8	1 5/16	2 11/16	6 3/4	9 1/4	1 31/32	3 1/16	45.2
14S		2 7/8, 3 7/8	N/A	13.875	4 1/2	1 1/16	3 1/4	7 1/2	9 7/8	2 1/4	3 1/2	69.1

Material: 5S Powdered Metal, 6S-14S Cast Iron

To order, combine Flange Size and Bore Size as listed above (ex: 6S-1 1/8 or 10S-45mm)

MD FLEX COUPLING SLEEVES

MD Flex Couplings Sleeves



Shape	Part Number Suffix	Material	Coupling Sizes Available	Typical Use	Rel. Rating	Wind-Up Angular	Misalignment	Operating Temperature (F)
1 Piece Unsplit	JE	EPDM	3, 4, 5, 6, 7, 8, 9, 10	General Purpose	1X	15°	1°	-30° to +272°
1 Piece Unsplit	JN	Neoprene	3, 4, 5, 6, 7, 8	Oil Resistant (Non-flame)	1X	15°	1°	0° to +200°
1 Piece Unsplit	H	Hytrel	6, 7, 8, 9, 10	General Purpose	4X	7°	1/4°	-65° to +250°
1 Piece Split	JES	EPDM	3, 4, 5, 6, 7, 8, 9, 10	General Purpose	1X	15°	1°	-30° to +272°
1 Piece Split	JNS	Neoprene	3, 4, 5, 6, 7, 8	Oil Resistant (Non-flame)	1X	15°	1°	0° to +200°
2 Pieces	HS	Hytrel	6, 7, 8, 9, 10	General Purpose	4X	7°	1/4°	-65° to +250°
2 Pieces	E	EPDM	3, 4, 5, 6, 7, 8, 9, 10	General Purpose	1X	15°	1°	-30° to +272°
2 Pieces	N	Neoprene	3, 4, 5, 6, 7, 8	Oil Resistant (Non-flame)	1X	15°	1°	0° to +200°





QUALITY, SERVICE + COMMITMENT

As an international manufacturer and supplier, MasterDrive proudly serves the power transmission industry throughout North America, Latin America and South America. Our parts are distributed from multiple locations in the U.S. and Canada. We offer web services, engineering assistance and unbeatable centralized customer service.

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In addition to our full line of power transmission products, MasterDrive offers foundry and machining options for all types of gray and ductile iron MTO items.

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We promise to serve and protect every distributor's customer base and the OEM marketplace across multiple industries:

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- Wood Handling
- Power Generators/Engine
- Oil & Mining
- Agricultural Equipment
- Air & Fluid Handling/Pumping
- Construction



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BTS Sheaves



QD Bushings



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TB Bushings



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L & H Timing Pulleys



BCS Couplings



Jaw Couplings



MD Flex Couplings



Weld-On Hubs



V-Belts



Timing Belts



**SCAN FOR MORE INFORMATION
ON MD FLEX COUPLINGS.**

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