COUPLINGS AND CLUTCHES

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GUIDE FOR COUPLING SELECTION

TECHNICAL DATA

		Dimensional Parameters			Environmental Parameters				
	COUPLING TYPE	TORQUE RANGE IN.-OZ.	RANGE OF MAXIMUM PARALLEL MISALIGN.	RANGE OF MAXIMUM ANGULAR MISALIGN.	HIGH TORSIONAL STIFFNESS	VIBRATION DAMPENING	VACUUM COMPATIBILITY	ELECTRICAL INSULATION	CLEAN ROOM ENVIRONMENT
INFORMATION TRANSMITTING COUPLINGS	MULTIBEAM: -ST/ST+AL -PLASTIC	64-7200 35-1273	.005-.038 .005-.038	5Þ-7Þ 5Þ-10Þ	E G	- -	E -	- E	E G
	BEAMED	56-1488	.004-.005	5Þ	E	-	E	-	E
	WAFER SPRING	165-440	.018-.030	8Þ	E	-	E	-	E
	BELLOWS	40-175	.012-.027	4Þ-7Þ	E	-	E	-	E
	SLEEVE	5-5833	0	0Þ	E	-	E	-	E
SHOCK ABSORBING COUPLINGS	SPIDER	42-3520	.031-.078	1Þ	-	G	-	E	G
	NEO-FLEX	150	.005	1Þ	-	E	-	E	G
	ABSORBATHANE	48-640	.094-.125	10Þ-15Þ	-	E	-	E	G
MISALIGNMENT COUPLINGS	UNIVERSAL LATERAL	38-607	.050	5Þ-10Þ	G	-	-	E	-
	OLDHAM	16-3200	.030-.200	1/2Þ-1 1/4Þ	G	-	-	E	-
	FLEX-THANE	400-3200	.063-1.250	10Þ-30Þ	-	E	-	E	G
HIGH MISALIGNMENT COUPLINGS	UNIVERSAL JOINTS: - ST/ST - DELRIN®, SINGLE JOINT -DELRIN®, DOUBLE JOINT	480-4240 16-239 11-183	0 0 .220-.610	30Þ 45Þ 90Þ	G - -	- - -	E - -	- E E	- - -
	TELESCOPIC UNIVERSAL JOINT	55-239	1.920-3.770	60Þ	-	-	-	E	-
	FLEXIBLE SHAFT	*	*	*	E	E	-	-	G

E = Excellent G = Good - = Not Recommended

W.M. Berg Inc. manufactures a complete line of precision made, high quality couplings. Available in inch and metric sizes and many styles to accommodate any design requirement. Couplings can be placed into the following four categories;

1. **Information Transmitting Couplings** - These zero backlash high torsional rigidity couplings, are for precision positioning applications where constant velocity is required for accurate feedback control.

2. **Shock Absorbing Couplings** - As a result of flexible plastic members connecting their hubs, these couplings dampen vibrations and shock loads and electrically insulate shafting.

3. **Misalignment Couplings** - The sliding center elements of these couplings compensate for lateral and angular misalignment caused by tolerance buildup or as a result of mounting.

4. **High Misalignment Couplings** - These couplings allow the designer to have shafts that are intentionally offset, laterally or angularly, by a large amount.

The above chart is a guide for the proper selection of the Berg coupling best suited for your particular application.

THIN WALL COUPLINGS

BORE	O.D.	TORQUE	MATERIAL
1/8” TO 5/16”	.85	28 IN. LBS.	ALUMINUM HUBS

- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

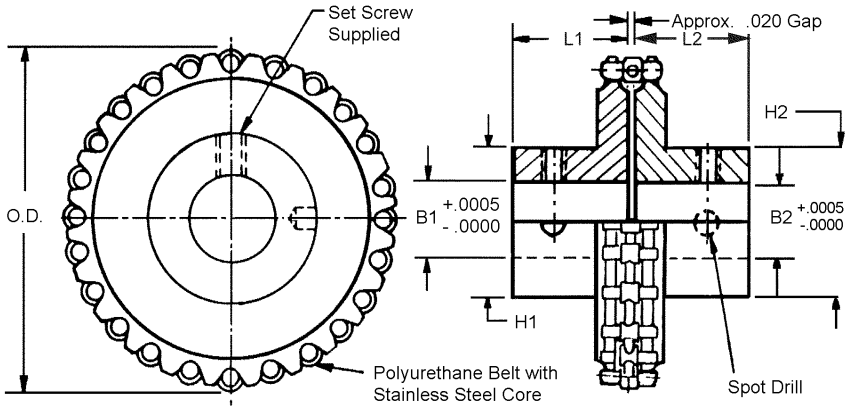
STOCK NO.	B1	H1	L1	B2	H2	L2
CC6-1	.1248	5/16	5/16	.1248	5/16	5/16
CC6-2	.1248			.1562	5/16	5/16
CC6-3	.1248			.1873	3/8	11/32
CC6-4	.1248			.2498	1/2	3/8
CC6-5	.1873	3/8	11/32	.1873	3/8	11/32
CC6-6	.1873			.2498	1/2	3/8
CC6-7	.2498	1/2	3/8	.2405	3/8	11/32
CC6-8	.2498			.2498	1/2	3/8
CC6-9	.3123	1/2	3/8	.1873	3/8	11/32
CC6-10	.3123			.2498	1/2	3/8
CC6-11	.3123			.3123	1/2	3/8

BORE	O.D.	TORQUE	MATERIAL
1/8” TO 1/2”	1.09”	50 IN. LBS.	ALUMINUM HUBS

- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

STOCK NO.	B1	H1	L1	B2	H2	L2
CC6-20	.1248	5/16	5/16	.1248	5/16	5/16
CC6-21	.1248			.1562	5/16	5/16
CC6-22	.1248			.1873	3/8	11/32
CC6-23	.1248			.2498	1/2	3/8
CC6-24	.1873	3/8	11/32	.1873	3/8	11/32
CC6-25	.1873			.2498	1/2	3/8
CC6-26	.2498	1/2	3/8	.2405	3/8	11/32
CC6-27	.2498			.2498	1/2	3/8
CC6-28	.3123	1/2	3/8	.1873	3/8	11/32
CC6-29	.3123			.2498	1/2	3/8
CC6-30	.3123			.3123	1/2	3/8
CC6-31	.3748*	1	5/8	.2498	1/2	3/8
CC6-32	.3748*			.3123	1/2	3/8
CC6-33	.3748*			.3748*	1	5/8
CC6-34	.4998*	1 1/4	5/8	.2498	1/2	3/8
CC6-37	.4998*			.4998*	1 1/4	5/8

* Two piece construction - Aluminum Sprocket with Stainless Steel Hubs



Available on request: Other bore sizes, larger torque ratings

THIN WALL COUPLINGS

BORE	O.D.	TORQUE	MATERIAL
1/8” TO 1/2”	1.35”	80 IN. LBS.	ALUMINUM HUBS

- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

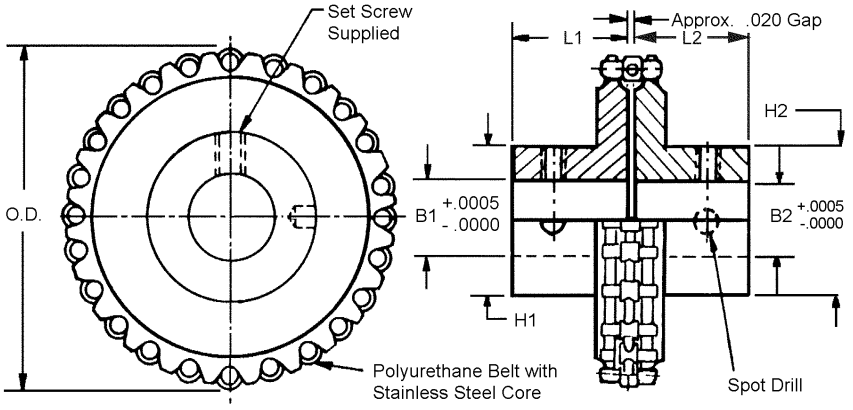
STOCK NO.	B1	H1	L1	B2	H2	L2
CC6-40	.1248	5/16	5/16	.1248	5/16	5/16
CC6-41	.1248			.1562	5/16	5/16
CC6-42	.1248			.1873	3/8	11/32
CC6-43	.1248			.2498	1/2	3/8
CC6-44	.1873	3/8	11/32	.1873	3/8	11/32
CC6-45	.1873			.2498	1/2	3/8
CC6-46	.2498	1/2	3/8	.2405	3/8	11/32
CC6-47	.2498			.2498	1/2	3/8
CC6-48	.3123	1/2	3/8	.1873	3/8	11/32
CC6-49	.3123			.2498	1/2	3/8
CC6-50	.3123			.3123	1/2	3/8
CC6-51	.3748	1	5/8	.2498	1/2	3/8
CC6-52	.3748			.3123	1/2	3/8
CC6-53	.3748			.3748	1	5/8
CC6-54	.4998	1 1/4	5/8	.2498	1/2	3/8
CC6-55	.4998			.3123	1 1/2	3/8
CC6-56	.4998			.3748	1	5/8
CC6-57	.4998			.4998	1 1/4	5/8

BORE	O.D.	TORQUE	MATERIAL
1/4” TO 1/2”	1.60”	115 IN. LBS.	ALUMINUM HUBS

- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

* Two piece construction - Aluminum Sprocket with Stainless Steel Hubs

STOCK NO.	B1	H1	L1	B2	H2	L2
CC6-67	.2498	1/2	3/8	.2498	1/2	3/8
CC6-68	.3123	1/2	3/8	.1873	3/8	11/32
CC6-69	.3123			.2498	1/2	3/8
CC6-70	.3123			.3123	1/2	3/8
CC6-71	.3748*	1	5/8	.2498	1/2	3/8
CC6-72	.3748*			.3123	1/2	3/8
CC6-73	.3748*			.3748*	1	5/8
CC6-74	.4998*	1 1/4	5/8	.2498	1/2	3/8
CC6-75	.4998*			.3123	1 1/2	3/8
CC6-76	.4998*			.3748*	1	5/8
CC6-77	.4998*			.4998*	1 1/4	5/8



Available on request: Other bore sizes, larger torque ratings

THIN WALL COUPLINGS

BORE	O.D.	TORQUE	MATERIAL
1/8” TO 5/16”	.85”	28 IN. LBS.	STAINLESS STEEL HUBS

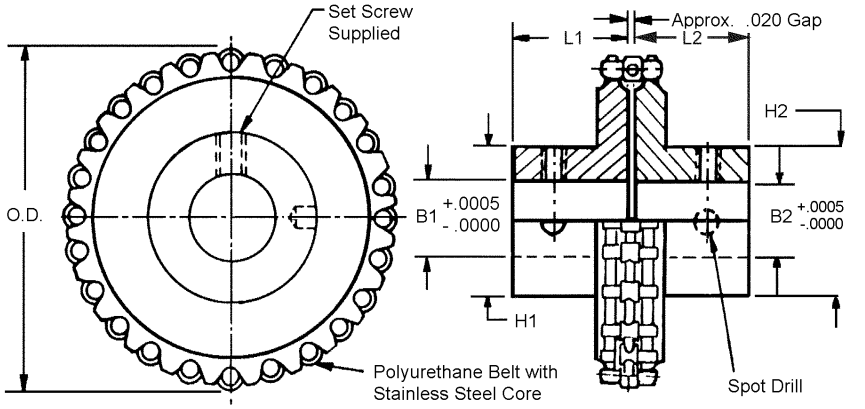
- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

STOCK NO.	B1	H1	L1	B2	H2	L2
CC7-1	.1248	5/16	5/16	.1248	5/16	5/16
CC7-2	.1248			.1562	5/16	5/16
CC7-3	.1248			.1873	3/8	11/32
CC7-4	.1248			.2498	1/2	3/8
CC7-5	.1873	3/8	11/32	.1873	3/8	11/32
CC7-6	.1873			.2498	1/2	3/8
CC7-7	.2498	1/2	3/8	.2405	3/8	11/32
CC7-8	.2498			.2498	1/2	3/8
CC7-9	.3123	1/2	3/8	.1873	3/8	11/32
CC7-10	.3123			.2498	1/2	3/8
CC7-11	.3123			.3123	1/2	3/8

BORE	O.D.	TORQUE	MATERIAL
1/8” TO 1/2”	1.09”	50 IN. LBS.	STAINLESS STEEL

- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

STOCK NO.	B1	H1	L1	B2	H2	L2
CC7-20	.1248	5/16	5/16	.1248	5/16	5/16
CC7-21	.1248			.1562	5/16	5/16
CC7-22	.1248			.1873	3/8	11/32
CC7-23	.1248			.2498	1/2	3/8
CC7-24	.1873	3/8	11/32	.1873	3/8	11/32
CC7-25	.1873			.2498	1/2	3/8
CC7-26	.2498	1/2	3/8	.2405	3/8	11/32
CC7-27	.2498			.2498	1/2	3/8
CC7-28	.3123	1/2	3/8	.1873	3/8	11/32
CC7-29	.3123			.2498	1/2	3/8
CC7-30	.3123			.3123	1/2	3/8
CC7-31	.3748*	1	5/8	.2498	1/2	3/8
CC7-32	.3748*			.3123	1/2	3/8
CC7-33	.3748*			.3748*	1	5/8
CC7-34	.4998*	1 1/4	5/8	.2498	1/2	3/8
CC7-37	.4998*			.4998*	1 1/4	5/8



Available on request: Other bore sizes, larger torque ratings

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THIN WALL COUPLINGS

BORE	O.D.	TORQUE	MATERIAL
1/8” TO 1/2”	1.35”	80 IN. LBS.	STAINLESS STEEL HUBS

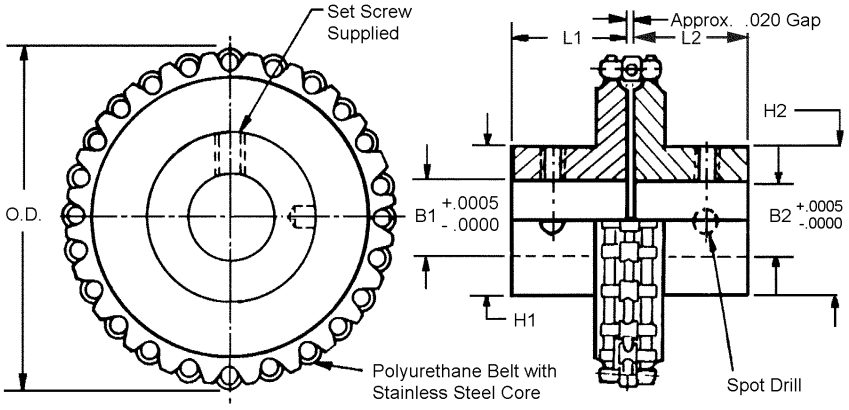
- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

STOCK NO.	B1	H1	L1	B2	H2	L2
CC7-40	.1248	5/16	5/16	.1248	5/16	5/16
CC7-41	.1248			.1562	5/16	5/16
CC7-42	.1248			.1873	3/8	11/32
CC7-43	.1248			.2498	1/2	3/8
CC7-44	.1873	3/8	11/32	.1873	3/8	11/32
CC7-45	.1873			.2498	1/2	3/8
CC7-46	.2498	1/2	3/8	.2405	3/8	11/32
CC7-47	.2498			.2498	1/2	3/8
CC7-48	.3123	1/2	3/8	.1873	3/8	11/32
CC7-49	.3123			.2498	1/2	3/8
CC7-50	.3123			.3123	1/2	3/8
CC7-51	.3748	1	5/8	.2498	1/2	3/8
CC7-52	.3748			.3123	1/2	3/8
CC7-53	.3748			.3748	1	5/8
CC7-54	.4998	1 1/4	5/8	.2498	1/2	3/8
CC7-55	.4998			.3123	1 1/2	3/8
CC7-56	.4998			.3748	1	5/8
CC7-57	.4998			.4998	1 1/4	5/8

BORE	O.D.	TORQUE	MATERIAL
1/4” TO 1/2”	1.60”	115 IN. LBS.	STAINLESS STEEL

- Shaft to shaft couplings
- Pin to pin phase adjustment
- No lubrication required
- Positive drive
- 3º max. angular misalignment
- 1/32 max. lateral misalignment
- -65º to 180º F temperature range
- Quick Disconnect

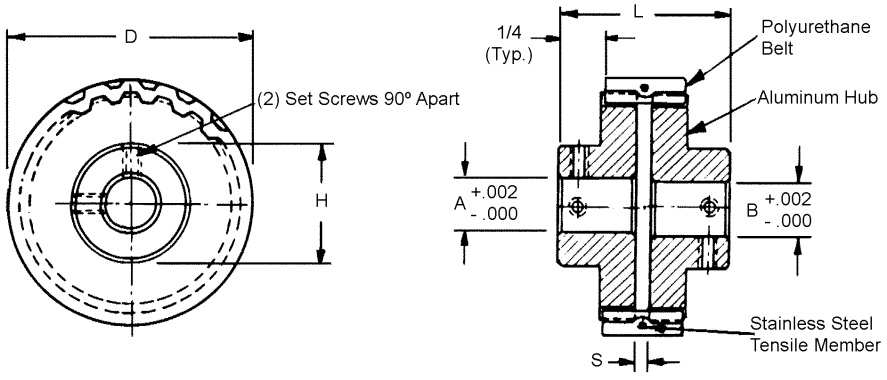
STOCK NO.	B1	H1	L1	B2	H2	L2
CC7-67	.2498	1/2	3/8	.2498	1/2	3/8
CC7-68	.3123	1/2	3/8	.1873	3/8	11/32
CC7-69	.3123			.2498	1/2	3/8
CC7-70	.3123			.3123	1/2	3/8
CC7-71	.3748*	1	5/8	.2498	1/2	3/8
CC7-72	.3748*			.3123	1/2	3/8
CC7-73	.3748*			.3748	1	5/8
CC7-74	.4998*	1 1/4	5/8	.2498	1/2	3/8
CC7-75	.4998*			.3123	1 1/2	3/8
CC7-76	.4998*			.3748*	1	5/8
CC7-77	.4998*			.4998*	1 1/4	5/8



Available on request: Other bore sizes, larger torque ratings

COUPLINGS

BORE	MATERIAL	BERG'S ® NAME
1/8" TO 1/2"	POLYURETHANE WITH ANODIZED ALUMINUM HUBS	FLEX-E-GRIP



STOCK NO.	BORES A & B	D	H	L	S	MAXIMUM ANGULAR MISALIGN.	MAXIMUM SHAFT MISALIGN	MAXIMUM TORQUE (IN LBS.)
CC9-20-2 CC9-20-3 CC9-20-4	.125 .188 .250	.56	1/2	5/8	3/64	3º	.005	25
CC9-40-2 CC9-40-3 CC9-40-4	.125 .188 .250	1.08	1/2	5/8	3/64	4º	.006	50
CC9-60-2 CC9-60-3 CC9-60-4	.125 .188 .250	1.60	1/2	5/8	3/64	5º	.008	100
CC9-120-2 CC9-120-3 CC9-120-4	.125 .188 .250	3.16	1/2	5/8	3/64	6º	.010	150
CC10-14-4 CC10-14-6 CC10-14-8	.250 .375 .500	.95	3/4	3/4	3/32	3º	.005	50
CC10-24-4 CC10-24-6 CC10-24-8	.250 .375 .500	1.58	3/4	3/4	3/32	4º	.006	100
CC10-36-4 CC10-36-6 CC10-36-8	.250 .375 .500	2.35	3/4	3/4	3/32	5º	.008	150
CC10-48-4 CC10-48-6 CC10-48-8	.250 .375 .500	3.12	3/4	3/4	3/32	6º	.010	200
CC8-10-4 CC8-10-6 CC8-10-8	.250 .375 .500	1.28	1	1	1/8	3º	.005	50
CC8-15-4 CC8-15-6 CC8-15-8	.250 .375 .500	1.88	1	1	1/8	4º	.006	100
CC8-20-4 CC8-20-6 CC8-20-8	.250 .375 .500	2.48	1	1	1/8	5º	.008	200
CC8-24-4 CC8-24-6 CC8-24-8	.250 .375 .500	2.96	1	1	1/8	6º	.010	300

- Shaft to shaft couplings
- Pin to pin phase adjustment
- -65º to 180º F temperature range
- Positive drive
- Minimal backlash
- Silent operation
- Acid and chemical resistant
- Shaft to shaft synchronization
- Simple assembly and disassembly
- No lubrication required
- Quick disconnect
- Cushioned drive

Other bore combinations available on request.

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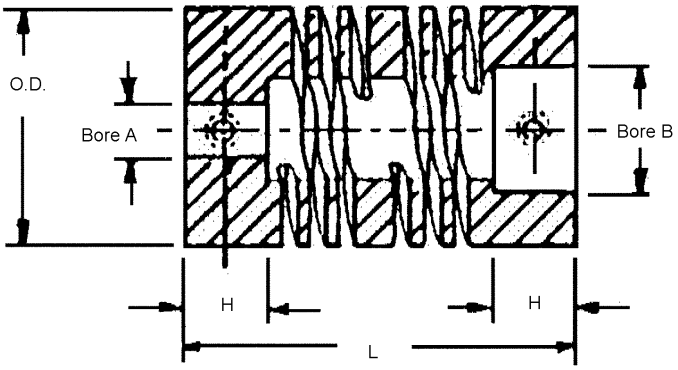
SIX BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
.120 TO 1.000	PIN HUB	2024 ANODIZED ALUMINUM



STOCK NO.	BORE A +.002	BORE B +.002	OD	L	H	ANGLE OFF SET	PARALLEL OFF SET	NON-REVERSING WORKING TORQUE* (LB-IN)
CO36A-1	.120	.125						
CO36A-2	.125	.125						
CO36A-3	.125	.187	.375	.770	.23	5º	.005	5
CO36A-4	.187	,187						
CO38A-1	.120	.125						
CO38A-2	.125	.125	.500	1.000	.27	5º	.007	10
CO38A-3	.187	.187						
CO38A-4	.250	.250						
CO40A-1	.187	.250						
CO40A-2	.250	.250	.750	1.100	.25	7º	.010	25
CO40A-3	.250	.375						
CO40A-4	.375	.375						
CO42A-1	.250	.250						
CO42A-2	.312	.312	1.000	1.500	.43	7º	.015	44
CO42A-3	.375	.375						
CO42A-4	.500	.500						
CO44A-1	.250	.375						
CO44A-2	.375	.375	1.250	2.250	.62	7º	.020	62
CO44A-3	.500	.500						
CO44A-4	.625	.625						
CO50A-1	.500	.500						
CO50A-2	.625	.625	1.500	2.625	.71	7º	.020	97
CO50A-3	.750	.750						
CO52A-1	.500	.500						
CO52A-2	.625	.625	1.750	3.000	.79	7º	.031	130
CO52A-3	.750	.750						
CO54A-1	.750	.750						
CO54A-2	.875	.875	2.250	5.125	1.26	7º	.038	230
CO54A-3	1.000	1.000						

* For reversing torque use factor 2.

Available on request - Key ways in bores 1/2" and larger
Special bores or bore combinations
Operating temperature -40º F to 248º F

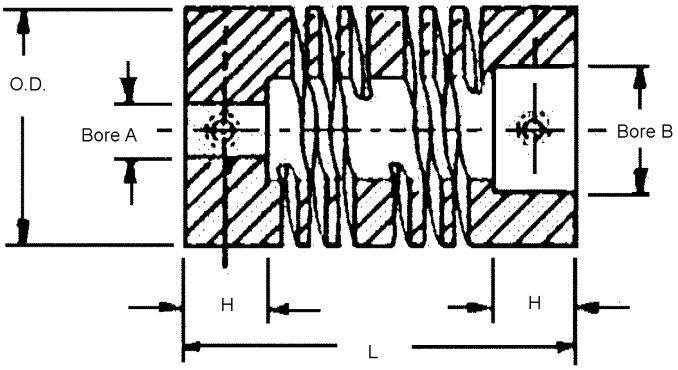
Central internal chamber diameter may be smaller than bore in some cases.

Advantages
- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
- Torsionally rigid
- High Flexibility
- Small and lightweight
- High or low speeds
- Not temperature sensitive
- No lubrication
- Unaffected by climactic conditions
- Reversible

Applications
Encoders • Stepper Motors • Precision Ball Screws • Machine Tools • Robotics • Scientific Equipment • Measuring Instruments • Computers • Servo Systems • Optical Telescopes • Defense Systems • Medical Equipment • Appliances• Pumps • Valves • Fans

SIX BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
.120 TO 1.000	PIN HUB	303 STAINLESS STEEL



STOCK NO.	BORE A +.002 -.000	BORE B +.002 -.000	OD	L	H	ANGLE OFF SET	PARALLEL OFF SET	NON-REVERSING WORKING TORQUE* (LB-IN)
CO36S-1	.120	.125						
CO36S-2	.125	.125						
CO36S-3	.125	.187	.375	.770	.230	5º	.005	8
CO36S-4	.187	,187						
CO38S-1	.120	.125						
CO38S-2	.125	.125	.500	1.000	.270	5º	.007	15
CO38S-3	.187	.187						
CO38S-4	.250	.250						
CO40S-1	.187	.250						
CO40S-2	.250	.250	.750	1.100	.250	7º	.010	40
CO40S-3	.250	.375						
CO40S-4	.375	.375						
CO42S-1	.250	.250						
CO42S-2	.312	.312	1.000	1.500	.430	7º	.015	85
CO42S-3	.375	.375						
CO42S-4	.500	.500						
CO44S-1	.250	.375						
CO44S-2	.375	.375	1.250	2.250	.620	7º	.020	115
CO44S-3	.500	.500						
CO44S-4	.625	.625						
CO50S-1	.500	.500						
CO50S-2	.625	.625	1.500	2.625	.710	7º	.020	170
CO50S-3	.750	.750						
CO52S-1	.500	.500						
CO52S-2	.625	.625	1.750	3.000	.790	7º	.031	200
CO52S-3	.750	.750						
CO54S-1	.750	.750						
CO54S-2	.875	.875	2.250	5.125	1.260	7º	.038	400
CO54S-3	1.000	1.000						

* For reversing torque use factor 2.

Available on request - Key ways in bores 1/2" and larger
Special bores or bore combinations
Operating temperature -40ºF to 248ºF

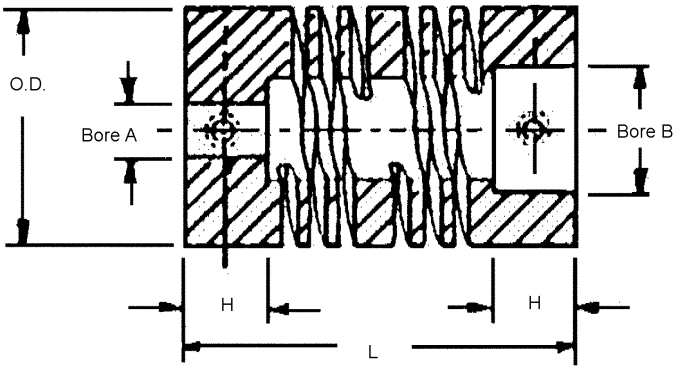
Central internal chamber diameter may be smaller than bore in some cases.

Advantages
- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
- Torsionally rigid
- High Flexibility
- Small and lightweight
- High or low speeds
- Not temperature sensitive
- No lubrication
- Unaffected by climactic conditions
- Reversible

Applications
Encoders • Stepper Motors • Precision Ball Screws • Machine Tools • Robotics • Scientific Equipment • Measuring Instruments • Computers • Servo Systems • Optical Telescopes • Defense Systems • Medical Equipment • Appliances• Pumps • Valves • Fans

SIX BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
.120 TO 1.000	PIN HUB	DELRIN



STOCK NO.	BORE A +.002	BORE B +.002	OD	L	H	ANGLE OFF SET	PARALLEL OFF SET	NON-REVERSING WORKING TORQUE* (LB-IN)
CO36D-1	.120	.125						
CO36D-2	.125	.125						
CO36D-3	.125	.187	.375	.770	.230	5º	.005	-
CO36D-4	.187	,187						
CO38D-1	.120	.125						
CO38D-2	.125	.125	.500	1.000	.270	5º	.007	2.5
CO38D-3	.187	.187						
CO38D-4	.250	.250						
CO40D-1	.187	.250						
CO40D-2	.250	.250	.750	1.100	.250	7º	.010	7,5
CO40D-3	.250	.375						
CO40D-4	.375	.375						
CO42D-1	.250	.250						
CO42D-2	.312	.312	1.000	1.500	.430	7º	.015	14.0
CO42D-3	.375	.375						
CO42D-4	.500	.500						
CO44D-1	.250	.375						
CO44D-2	.375	.375	1.250	2.250	.620	7º	.020	21.0
CO44D-3	.500	.500						
CO44D-4	.625	.625						
CO50D-1	.500	.500						
CO50D-2	.625	.625	1.500	2.625	.710	7º	.020	25.0
CO50D-3	.750	.750						
CO52D-1	.500	.500						
CO52D-2	.625	.625	1.750	3.000	.790	7º	.031	30.0
CO52D-3	.750	.750						
CO54D-1	.750	.750						
CO54D-2	.875	.875	2.250	5.125	1.260	7º	.038	35.0
CO54D-3	1.000	1.000						

* For reversing torque use factor 2.

Available on request - Key ways in bores 1/2" and larger
Special bores or bore combinations
Operating temperature -4ºF to 140ºF

Central internal chamber diameter may be smaller than bore in some cases.

Advantages
- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
- Torsionally rigid
- High Flexibility
- Small and lightweight
- High or low speeds
- Not temperature sensitive
- No lubrication
- Unaffected by climactic conditions
- Reversible

Applications
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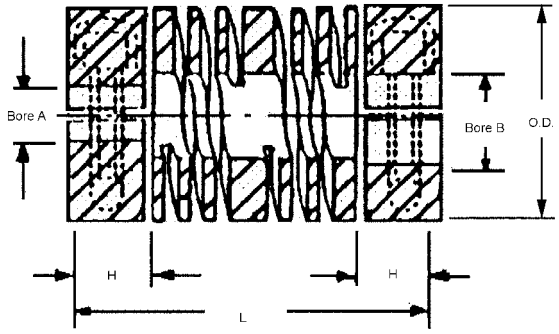
SIX BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
.120 TO 1.000	CLAMP	2024 ANODIZED ALUMINUM



STOCK NO.	BORE A +.002 -.000	BORE B +.002 -.000	OD	L	H	ANGLE OFF SET	PARALLEL OFF SET	NON-REVERSING WORKING TORQUE* (LB-IN)
CO37A-1	.120	.125						
CO37A-2	.125	.125						
CO37A-3	.125	.187	.375	.770	.230	5º	.005	5
CO37A-4	.187	.187						
CO39A-1	.120	.125						
CO39A-2	.125	.125	.500	1.000	.270	5º	.007	10
CO39A-3	.187	.187						
CO39A-4	.250	.250						
CO41A-1	.187	.250						
CO41A-2	.250	.250	.750	1.100	.250	7º	.010	25
CO41A-3	.250	.375						
CO41A-4	.375	.375						
CO43A-1	.250	.250						
CO43A-2	.312	.312	1.000	1.500	.430	7º	.015	44
CO43A-3	.375	.375						
CO43A-4	.500	.500						
CO45A-1	.250	.375						
CO45A-2	.375	.375	1.250	2.250	.620	7º	.020	62
CO45A-3	.500	.500						
CO45A-4	.625	.625						
CO51A-1	.500	.500						
CO51A-2	.625	.625	1.500	2.625	.710	7º	.020	97
CO51A-3	.750	.750						
CO53A-1	.500	.500						
CO53A-2	.625	.625	1.750	3.000	.790	7º	.031	130
CO53A-3	.750	.750						
CO55A-1	.750	.750						
CO55A-2	.875	.875	2.250	5.125	1.260	7º	.038	230
CO55A-3	1.000	1.000						

* For reversing torque use factor 2.

Available on request - Key ways in bores 1/2" and larger
Special bores or bore combinations
Operating temperature -40ºF to 248ºF

Central internal chamber diameter may be smaller than bore in some cases.

Advantages
- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
- Torsionally rigid
- High Flexibility
- Small and lightweight
- High or low speeds
- Not temperature sensitive
- No lubrication
- Unaffected by climactic conditions
- Reversible

Applications
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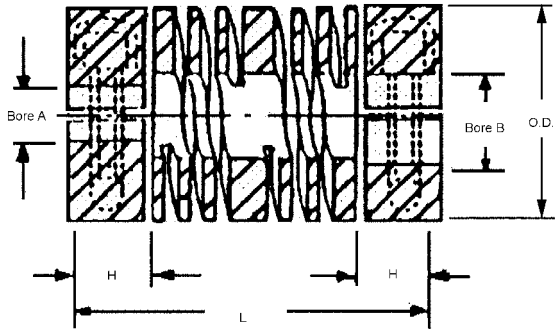
SIX BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
.120 TO 1.000	CLAMP	303 STAINLESS STEEL



STOCK NO.	BORE A +.002 -.000	BORE B +.002 -.000	OD	L	H	ANGLE OFF SET	PARALLEL OFF SET	NON-REVERSING WORKING TORQUE* (LB-IN)
CO37S-1	.120	.125	.375	.770	.230	5º	.005	8
CO37S-2	.125	.125						
CO37S-3	.125	.187						
CO37S-4	.187	,187						
CO39S-1	.120	.125	.500	1.000	.270	5º	.007	15
CO39S-2	.125	.125						
CO39S-3	.187	.187						
CO39S-4	.250	.250						
CO41S-1	.187	.250	.750	1.100	.250	7º	.010	40
CO41S-2	.250	.250						
CO41S-3	.250	.375						
CO41S-4	.375	.375						
CO43S-1	.250	.250	1.000	1.500	.430	7º	.015	85
CO43S-2	.312	.312						
CO43S-3	.375	.375						
CO43S-4	.500	.500						
CO45S-1	.250	.375	1.250	2.250	.620	7º	.020	115
CO45S-2	.375	.375						
CO45S-3	.500	.500						
CO45S-4	.625	.625						
CO51S-1	.500	.500	1.500	2.625	.710	7º	.020	170
CO51S-2	.625	.625						
CO51S-3	.750	.750						
CO53S-1	.500	.500	1.750	3.000	.790	7º	.031	200
CO53S-2	.625	.625						
CO53S-3	.750	.750						
CO55S-1	.750	.750	2.250	5.125	1.260	7º	.038	400
CO55S-2	.875	.875						
CO55S-3	1.000	1.000						

* For reversing torque use factor 2.

Available on request - Key ways in bores 1/2" and larger
Special bores or bore combinations
Operating temperature -40ºF to 248ºF

Central internal chamber diameter may be smaller than bore in some cases.

Advantages
- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
- Torsionally rigid
- High Flexibility
- Small and lightweight
- High or low speeds
- Not temperature sensitive
- No lubrication
- Unaffected by climactic conditions
- Reversible

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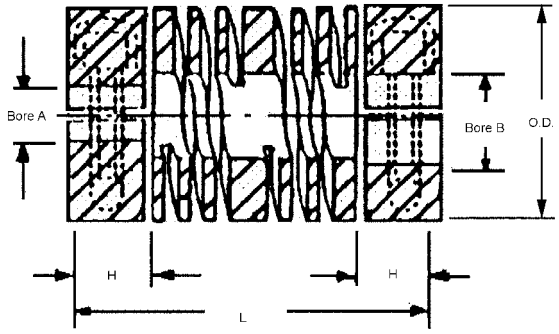
SIX BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
.120 TO 1.000	CLAMP	DELRIN



STOCK NO.	BORE A +.002 -.000	BORE B +.002 -.000	OD	L	H	ANGLE OFF SET	PARALLEL OFF SET	NON-REVERSING WORKING TORQUE* (LB-IN)
CO37D-1	.120	.125						
CO37D-2	.125	.125						
CO37D-3	.125	.187	.375	.770	.230	5º	.005	-
CO37D-4	.187	,187						
CO39D-1	.120	.125						
CO39D-2	.125	.125	.500	1.000	.270	5º	.007	2.5
CO39D-3	.187	.187						
CO39D-4	.250	.250						
CO41D-1	.187	.250						
CO41D-2	.250	.250	.750	1.100	.250	7º	.010	7.5
CO41D-3	.250	.375						
CO41D-4	.375	.375						
CO43D-1	.250	.250						
CO43D-2	.312	.312	1.000	1.500	.430	7º	.015	14
CO43D-3	.375	.375						
CO43D-4	.500	.500						
CO45D-1	.250	.375						
CO45D-2	.375	.375	1.250	2.250	.620	7º	.020	21
CO45D-3	.500	.500						
CO45D-4	.625	.625						
CO51D-1	.500	.500						
CO51D-2	.625	.625	1.500	2.625	.710	7º	.020	25
CO51D-3	.750	.750						
CO53D-1	.500	.500						
CO53D-2	.625	.625	1.750	3.000	.790	7º	.031	30
CO53D-3	.750	.750						
CO55D-1	.750	.750						
CO55D-2	.875	.875	2.250	5.125	1.260	7º	.038	35
CO55D-3	1.000	1.000						

* For reversing torque use factor 2.

Available on request - Key ways in bores 1/2" and larger
Special bores or bore combinations
Operating temperature -4ºF to 140ºF

Central internal chamber diameter may be smaller than bore in some cases.

Advantages
- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
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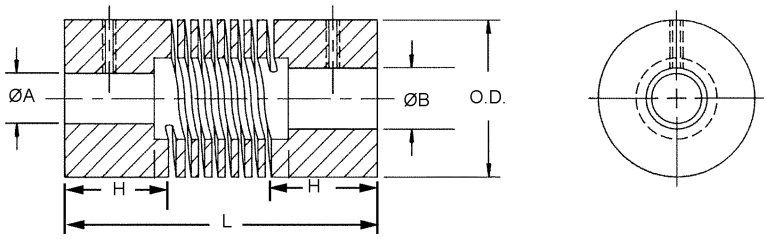
THREE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3/32” TO 1”	PIN HUB	ALUMINUM 2024-T6 ANODIZED



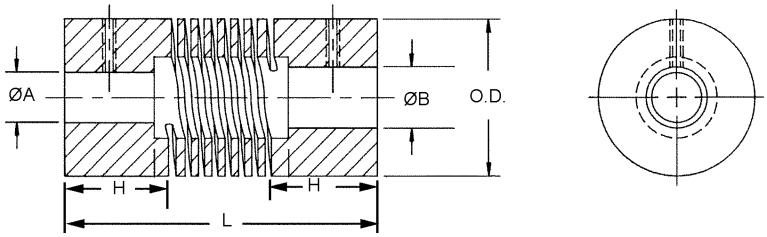
- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- All couplings contain an integral relief chamber
- Operating temperature -40ºF to 248ºF

STOCK NO.	BORE A +.002 -.000	BORE B +.002 -.000	OD	L MAX.	H	MAXIMUM WORKING TORQUE (LB-IN)	ALLOWABLE MISALIGNMENT ANGLE OFFSET	ALLOWABLE MISALIGNMENT PARALLEL OFFSET
CO71A-1	.094	.094	.38	.56	.11	3.5	5º	.004
CO73A-1	.094	.094	.50	.75	.21	8	5º	.005
CO73A-2	.094	.125						
CO73A-3	.125	.125						
CO75A-1	.125	.125	.63	.80	.24	13	5º	.005
CO75A-2	.125	.157						
CO75A-3	.125	.188						
CO75A-4	.157	.157						
CO75A-5	.157	.188						
CO75A-6	.188	.188						
CO77A-1	.125	.125	.75	.90	.28	22	5º	.005
CO77A-2	.125	.157						
CO77A-3	.125	.188						
CO77A-4	.125	.250						
CO77A-5	.157	.157						
CO77A-6	.157	.188						
CO77A-7	.157	.250						
CO77A-8	.188	.188						
CO77A-9	.188	.188						
CO77A-10	.250	.250						
CO79A-1	.250	.250	1.00	1.25	.33	35	5º	.005
CO79A-2	.250	.313						
CO79A-3	.250	.375						
CO79A-4	.313	.313						
CO79A-5	.313	.375						
CO79A-6	.375	.375						
CO81A-1	.250	.250	1.25	1.75	.44	53	5º	.005
CO81A-2	.250	.375						
CO81A-3	.250	.500						
CO81A-4	.250	.625						
CO81A-5	.375	.375						
CO81A-6	.375	.500						
CO81A-7	.375	.625						
CO81A-8	.500	.500						
CO81A-9	.500	.625						
CO81A-10	.625	.625						
CO83A-1	.500	.500	1.50	2.63	.71	59	5º	.010
CO83A-2	.625	.625						
CO83A-3	.750	.750						
CO85A-1	.500	.500	1.75	3.00	.79	70	5º	.010
CO85A-2	.625	.625						
CO85A-3	.750	.750						
CO87A-1	.750	.750	2.25	5.13	1.26	80	5º	.010
CO87A-2	.875	.875						
CO87A-3	1.000	1.000						

Central internal chamber diameter may be smaller than bore in some cases.

THREE BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
3/32” TO 1”	PIN HUB	303 STAINLESS STEEL



- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- All couplings contain an integral relief chamber
- Operating temperature -40ºF to 248ºF

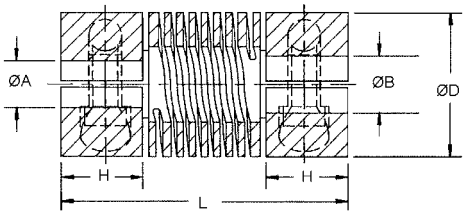
STOCK NO.	BORE A +.002 -.000	BORE B +.002 -.000	OD	L MAX.	H	MAXIMUM WORKING TORQUE (LB-IN)	ALLOWABLE MISALIGNMENT ANGLE OFFSET	ALLOWABLE MISALIGNMENT PARALLEL OFFSET
CO71S-1	.094	.094	.38	.56	.11	4	3º	.004
CO73S-1	.094	.094						
CO73S-2	.094	.125	.50	.75	.21	8	5º	.005
CO73S-3	.125	.125						
CO75S-1	.125	.125						
CO75S-2	.125	.157						
CO75S-3	.125	.188	.63	.80	.24	16	5º	.005
CO75S-4	.157	.157						
CO75S-5	.157	.188						
CO75S-6	.188	.188						
CO77S-1	.125	.125						
CO77S-2	.125	.157						
CO77S-3	.125	.188						
CO77S-4	.125	.250						
CO77S-5	.157	.157	.75	.90	.28	23	5º	.005
CO77S-6	.157	.188						
CO77S-7	.157	.250						
CO77S-8	.188	.188						
CO77S-9	.188	.188						
CO77S-10	.250	.250						
CO79S-1	.250	.250						
CO79S-2	.250	.313						
CO79S-3	.250	.375						
CO79S-4	.313	.313	1.00	1.25	.33	53	5º	.005
CO79S-5	.313	.375						
CO79S-6	.375	.375						
CO81S-1	.250	.250						
CO81S-2	.250	.375						
CO81S-3	.250	.500						
CO81S-4	.250	.625						
CO81S-5	.375	.375						
CO81S-6	.375	.500	1.25	1.75	.44	88	5º	.005
CO81S-7	.375	.625						
CO81S-8	.500	.500						
CO81S-9	.500	.625						
CO81S-10	.625	.625						
CO83S-1	.500	.500						
CO83S-2	.625	.625	1.50	2.63	.71	100	5º	.010
CO83S-3	.750	.750						
CO85S-1	.500	.500						
CO85S-2	.625	.625	1.75	3.00	.79	120	5º	.010
CO85S-3	.750	.750						
CO87S-1	.750	1.750						
CO87S-2	.875	.875	2.25	5.13	1.26	145	5º	.010
CO87S-3	1.000	1.000						

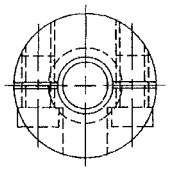
Central internal chamber diameter may be smaller than bore in some cases.

G

THREE BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
3/32” TO 1”	CLAMP	ALUMINUM 2024-T6 ANODIZED





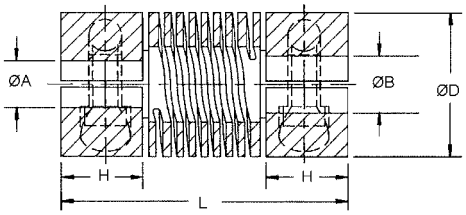
- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- All couplings contain an integral relief chamber
- Operating temperature -40ºF to 248ºF

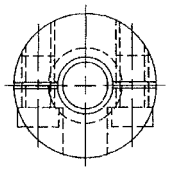
STOCK NO.	BORE A	BORE B	OD	L MAX.	H	MAXIMUM WORKING TORQUE (LB-IN)	ALLOWABLE MISALIGNMENT	
							ANGLE OFFSET	PARALLEL OFFSET
CO72A-1	.094	.094	.50	.75	.21	8	5º	.005
CO72A-2	.094	.125						
CO72A-3	.125	.125						
CO74A-1	.125	.125	.63	.80	.24	13	5º	.005
CO74A-2	.125	.157						
CO74A-3	.125	.188						
CO74A-4	.157	.157						
CO74A-5	.157	.188						
CO74A-6	.188	.188						
CO76A-1	.125	.125	.75	.90	.28	22	5º	.005
CO76A-2	.125	.157						
CO76A-3	.125	.188						
CO76A-4	.125	.250						
CO76A-5	.157	.157						
CO76A-6	.157	.188						
CO76A-7	.157	.250						
CO76A-8	.188	.188						
CO76A-9	.188	.188						
CO76A-10	.250	.250						
CO78A-1	.250	.250	1.00	1.25	.33	35	5º	.005
CO78A-2	.250	.313						
CO78A-3	.250	.375						
CO78A-4	.313	.313						
CO78A-5	.313	.375						
CO78A-6	.375	.375						
CO80A-1	.250	.250	1.25	1.75	.44	53	5º	.005
CO80A-2	.250	.375						
CO80A-3	.250	.500						
CO80A-4	.250	.625						
CO80A-5	.375	.375						
CO80A-6	.375	.500						
CO80A-7	.375	.625						
CO80A-8	.500	.500						
CO80A-9	.500	.625						
CO80A-10	.625	.625						
CO82A-1	.500	.500	1.50	2.63	.71	59	5º	.010
CO82A-2	.625	.625						
CO82A-3	.750	.750						
CO84A-1	.500	.500	1.75	3.00	.79	70	5º	.010
CO84A-2	.625	.625						
CO84A-3	.750	.750						
CO86A-1	.750	1.750	2.25	5.13	1.26	80	5º	.010
CO86A-2	.875	.875						
CO86A-3	1.000	1.000						

Central internal chamber diameter may be smaller than bore in some cases.

THREE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3/32” TO 1”	CLAMP	303 STAINLESS STEEL





- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- All couplings contain an integral relief chamber
- Operating temperature -40ºF to 248ºF

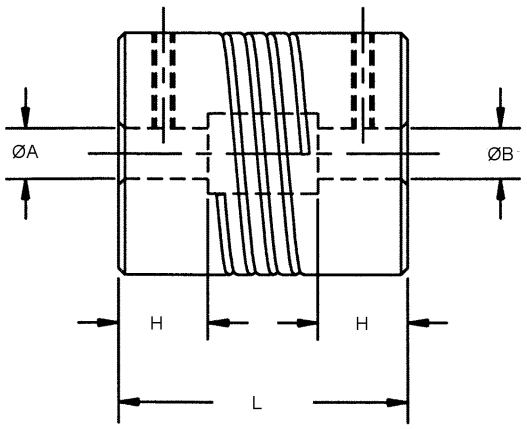
STOCK NO.	BORE A	BORE B	OD	L MAX.	H	MAXIMUM WORKING TORQUE (LB-IN)	ALLOWABLE MISALIGNMENT ANGLE OFFSET	ALLOWABLE MISALIGNMENT PARALLEL OFFSET
CO72S-1	.094	.094	.50	.75	.21	8	5º	.005
CO72S-2	.094	.125						
CO72S-3	.125	.125						
CO74S-1	.125	.125	.63	.80	.24	16	5º	.005
CO74S-2	.125	.157						
CO74S-3	.125	.188						
CO74S-4	.157	.157						
CO74S-5	.157	.188						
CO74S-6	.188	.188						
CO76S-1	.125	.125	.75	.90	.28	23	5º	.005
CO76S-2	.125	.157						
CO76S-3	.125	.188						
CO76S-4	.125	.250						
CO76S-5	.157	.157						
CO76S-6	.157	.188						
CO76S-7	.157	.250						
CO76S-8	.188	.188						
CO76S-9	.188	.188						
CO76S-10	.250	.250						
CO78S-1	.250	.250	1.00	1.25	.33	53	5º	.010
CO78S-2	.250	.313						
CO78S-3	.250	.375						
CO78S-4	.313	.313						
CO78S-5	.313	.375						
CO78S-6	.375	.375						
CO80S-1	.250	.250	1.25	1.75	.44	88	5º	.010
CO80S-2	.250	.375						
CO80S-3	.250	.500						
CO80S-4	.250	.625						
CO80S-5	.375	.375						
CO80S-6	.375	.500						
CO80S-7	.375	.625						
CO80S-8	.500	.500						
CO80S-9	.500	.625						
CO80S-10	.625	.625						
CO82S-1	.500	.500	1.50	2.63	.71	100	5º	.010
CO82S-2	.625	.625						
CO82S-3	.750	.750						
CO84S-1	.500	.500	1.75	3.00	.79	120	5º	.010
CO84S-2	.625	.625						
CO84S-3	.750	.750						
CO86S-1	.750	1.750	2.25	5.13	1.26	145	5º	.010
CO86S-2	.875	.875						
CO86S-3	1.000	1.000						

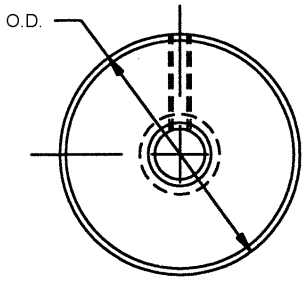
Central internal chamber diameter may be smaller than bore in some cases.

Central internal chamber diameter may be smaller than bore in some cases.

SINGLE BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
3/32” TO 1”	PIN HUB	ALUMINUM 7075 ANODIZED



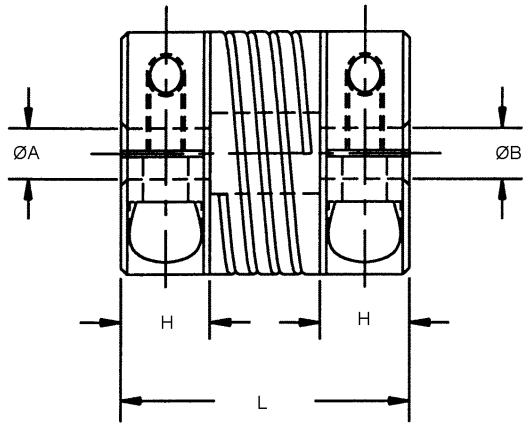


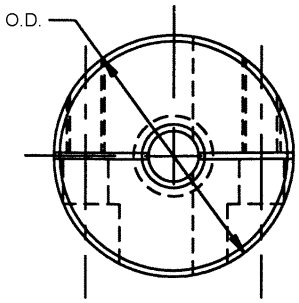
STOCK NO.	A +.002 - 000	B +.002 - .000	OD	L MAX.	H	MAXIMUM WORKING TORQUE (LB-IN)	ALLOWABLE MISALIGNMENT ANGLE OFFSET	ALLOWABLE MISALIGNMENT PARALLEL OFFSET
COS71A-1	.094	.094	.38	.56	.11	1.50	5	.005
COS73A-1	.094	.094	.50	.75	.21	4	5	.010
COS73A-2	.094	.125						
COS73A-3	.125	.125						
COS75A-1	.125	.125	.63	.80	.24	6	5	.010
COS75A-2	.125	.157						
COS75A-3	.125	.188						
COS75A-4	.157	.157						
COS75A-5	.157	.188						
COS75A-6	.188	.188						
COS77A-1	.125	.125	.75	.90	.25	10.5	5	.010
COS77A-2	.125	.157						
COS77A-3	.125	.188						
COS77A-4	.125	.250						
COS77A-5	.157	.157						
COS77A-6	.157	.157						
COS77A-7	.157	.157						
COS77A-8	.188	.188						
COS77A-9	.188	.188						
COS77A-10	.250	.250						
COS79A-1	.250	.250	1.00	1.25	.33	15	5	.010
COS79A-2	.250	.313						
COS79A-3	.250	.375						
COS79A-4	.313	.313						
COS79A-5	.313	.375						
COS79A-6	.375	.375						
COS81A-1	.250	.250	1.25	1.75	.44	31	5	.010
COS81A-2	.250	.375						
COS81A-3	.250	.500						
COS81A-4	.250	.625						
COS81A-5	.375	.375						
COS81A-6	.375	.500						
COS81A-7	.375	.625						
COS81A-8	.500	.500						
COS81A-9	.500	.625						
COS81A-10	.625	.625						
COS83A-1	.500	.500	1.50	2.63	.71	45	5	.010
COS83A-2	.625	.625						
COS83A-3	.750	.750						
COS85A-1	.500	.500	1.75	3.00	.79	60	5	.010
COS85A-2	.625	.625						
COS85A-3	.750	.750						
COS87A-1	.750	.750	2.25	5.13	1.26	100	5	.010
COS87A-2	.875	.875						
COS87A-3	1.000	1.000						

Central internal chamber diameter may be smaller than bore in some cases.

SINGLE BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
3/32” TO 1”	CLAMP	ALUMINUM 7075 ANODIZED





STOCK NO.	A +.002 - 000	B +.002 - .000	OD	L MAX.	H	MAXIMUM WORKING TORQUE (LB-IN)	ALLOWABLE MISALIGNMENT ANGLE OFFSET	ALLOWABLE MISALIGNMENT PARALLEL OFFSET
COS72A-1	.094	.094	.50	.75	.21	4	5	.010
COS72A-2	.094	.125						
COS72A-3	.125	.125						
COS74A-1	.125	.125	.63	.80	.24	6	5	.010
COS74A-2	.125	.157						
COS74A-3	.125	.188						
COS74A-4	.157	.157						
COS74A-5	.157	.188						
COS74A-6	.188	.188						
COS76A-1	.125	.125	.75	.90	.25	10.5	5	.010
COS76A-2	.125	.157						
COS76A-3	.125	.188						
COS76A-4	.125	.250						
COS76A-5	.157	.157						
COS76A-6	.157	.157						
COS76A-7	.157	.157						
COS76A-8	.188	.188						
COS76A-9	.188	.188						
COS76A-10	.250	.250						
COS78A-1	.250	.250	1.00	1.25	.33	15	5	.010
COS78A-2	.250	.313						
COS78A-3	.250	.375						
COS78A-4	.313	.313						
COS78A-5	.313	.375						
COS78A-6	.375	.375						
COS80A-1	.250	.250	1.25	1.75	.44	31	5	.010
COS80A-2	.250	.375						
COS80A-3	.250	.500						
COS80A-4	.250	.625						
COS80A-5	.375	.375						
COS80A-6	.375	.500						
COS80A-7	.375	.625						
COS80A-8	.500	.500						
COS80A-9	.500	.625						
COS80A-10	.625	.625						
COS82A-1	.500	.500	1.50	2.63	.71	45	5	.010
COS82A-2	.625	.625						
COS82A-3	.750	.750						
COS84A-1	.500	.500	1.75	3.00	.79	60	5	.010
COS84A-2	.625	.625						
COS84A-3	.750	.750						
COS86A-1	.750	.750	2.25	5.13	1.26	100	5	.010
COS86A-2	.875	.875						
COS86A-3	1.000	1.000						

Central internal chamber diameter may be smaller than bore in some cases.

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RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
1/8” TO 1/2”	CLAMP, SHORT	ALUMINUM 7075 ALOCROM FINISH

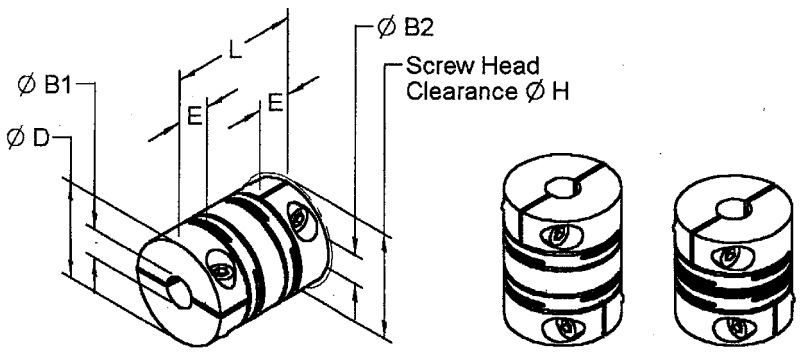
STOCK NO.	L	ØD	ØB1 +.002 -.000	ØB2 +.002 -.000	E	SOCKET SCREW SIZE	ØH
RCSA13C-1	0.661	0.512	0.125	0.125	0.197	#0-80	0.571
RCSA13C-2	0.661	0.512	0.125	0.188	0.197	#0-80	0.571
RCSA13C-3	0.661	0.512	0.125	0.250	0.197	#0-80	0.571
RCSA13C-4	0.661	0.512	0.188	0.188	0.197	#0-80	0.571
RCSA13C-5	0.661	0.512	0.188	0.250	0.197	#0-80	0.571
RCSA13C-6	0.661	0.512	0.250	0.250	0.197	#0-80	0.571
RCSA16C-1	0.778	0.630	0.125	0.125	0.232	#2-56	0.709
RCSA16C-2	0.778	0.630	0.125	0.188	0.232	#2-56	0.709
RCSA16C-3	0.778	0.630	0.125	0.250	0.232	#2-56	0.709
RCSA16C-4	0.778	0.630	0.188	0.188	0.232	#2-56	0.709
RCSA16C-5	0.778	0.630	0.188	0.250	0.232	#2-56	0.709
RCSA16C-6	0.778	0.630	0.250	0.250	0.232	#2-56	0.709
RCSA16C-7	0.778	0.630	0.313	0.250	0.232	#2-56	0.709
RCSA16C-8	0.778	0.630	0.313	0.313	0.232	#2-56	0.709
RCSA20C-1	0.846	0.787	0.188	0.188	0.260	#2-56	0.858
RCSA20C-2	0.846	0.787	0.188	0.250	0.260	#2-56	0.858
RCSA20C-3	0.846	0.787	0.250	0.250	0.260	#2-56	0.858
RCSA20C-4	0.846	0.787	0.313	0.250	0.260	#2-56	0.858
RCSA20C-5	0.846	0.787	0.313	0.313	0.260	#2-56	0.858
RCSA20C-6	0.846	0.787	0.313	0.375	0.260	#2-56	0.858
RCSA20C-7	0.846	0.787	0.375	0.375	0.260	#2-56	0.858
RCSA25C-1	1.016	0.984	0.250	0.250	0.299	#4-40	1.059
RCSA25C-2	1.016	0.984	0.313	0.250	0.299	#4-40	1.059
RCSA25C-3	1.016	0.984	0.313	0.313	0.299	#4-40	1.059
RCSA25C-4	1.016	0.984	0.313	0.375	0.299	#4-40	1.059
RCSA25C-5	1.016	0.984	0.375	0.375	0.299	#4-40	1.059
RCSA25C-6	1.016	0.984	0.375	0.500	0.299	#4-40	1.059
RCSA25C-7	1.016	0.984	0.500	0.500	0.299	#4-40	1.059

TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique desibn maximises torsional stiffness without including high bearing loads
- Minimal velocity and positional fluctuations
- Over 50,000,000 test cycles at test load and 80% offset without failure
- Maintenence free
- Recommended temperature range -112ºF to +176ºF

TECHNICAL SPECIFIATIONS

SIZE	TORSIONAL STIFFNESS OZ./IN	RADIAL COMPLIANCE IN/OZ ARCMIN	MISALIGNMENT PARALLEL IN	MISALIGNMENT ANGULAR DEG.	MISALIGNMENT AXIAL IN	MAX. INERTIA OZ.IN^2	MAX. MASS OZ	TYPICAL TORQUE CAPACITY REVERSING IN-LB.	TYPICAL TORQUE CAPACITY NONREV. IN-LB	TYPICAL TORQUE CAPACITY PEAK IN-LB	MAX. SPEED RPM
13C	1.85	.0003	.003	2.5	±.011	.006	.16	3.09	3.98	4.42	12000
16C	2.88	.0003	.004	2.5	±.015	.016	.30	4.88	7.32	11.06	10000
20C	4.74	.0003	.005	3.0	±.020	.043	.53	8.41	12.83	21.68	7500
25C	7.50	.0002	.006	3.0	±.027	.127	.97	13.72	20.80	34.32	5000



RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
1/8” TO 1/2”	CLAMP, LONG	ALUMINUM 7075 ALOCROM FINISH

STOCK NO.	L	ØD	ØB1 +.002 -.000	ØB2 +.002 -.000	E	SOCKET SCREW SIZE	ØH
RCLA13C-1	0.787	0.512	0.125	0.125	0.197	#0-80	0.571
RCLA13C-2	0.787	0.512	0.125	0.188	0.197	#0-80	0.571
RCLA13C-3	0.787	0.512	0.125	0.250	0.197	#0-80	0.571
RCLA13C-4	0.787	0.512	0.188	0.188	0.197	#0-80	0.571
RCLA13C-5	0.787	0.512	0.188	0.250	0.197	#0-80	0.571
RCLA13C-6	0.787	0.512	0.250	0.250	0.197	#0-80	0.571
RCLA16C-1	0.925	0.630	0.125	0.125	0.232	#2-56	0.709
RCLA16C-2	0.925	0.630	0.125	0.188	0.232	#2-56	0.709
RCLA16C-3	0.925	0.630	0.125	0.250	0.232	#2-56	0.709
RCLA16C-4	0.925	0.630	0.188	0.188	0.232	#2-56	0.709
RCLA16C-5	0.925	0.630	0.188	0.250	0.232	#2-56	0.709
RCLA16C-6	0.925	0.630	0.250	0.250	0.232	#2-56	0.709
RCLA16C-7	0.925	0.630	0.313	0.250	0.232	#2-56	0.709
RCLA16C-8	0.925	0.630	0.313	0.313	0.232	#2-56	0.709
RCLA20C-1	1.024	0.787	0.188	0.188	0.260	#2-56	0.858
RCLA20C-2	1.024	0.787	0.188	0.250	0.260	#2-56	0.858
RCLA20C-3	1.024	0.787	0.250	0.250	0.260	#2-56	0.858
RCLA20C-4	1.024	0.787	0.313	0.250	0.260	#2-56	0.858
RCLA20C-5	1.024	0.787	0.313	0.313	0.260	#2-56	0.858
RCLA20C-6	1.024	0.787	0.313	0.375	0.260	#2-56	0.858
RCLA20C-7	1.024	0.787	0.375	0.375	0.260	#2-56	0.858
RCLA25C-1	1.339	0.984	0.250	0.250	0.299	#4-40	1.059
RCLA25C-2	1.339	0.984	0.313	0.250	0.299	#4-40	1.059
RCLA25C-3	1.339	0.984	0.313	0.313	0.299	#4-40	1.059
RCLA25C-4	1.339	0.984	0.313	0.375	0.299	#4-40	1.059
RCLA25C-5	1.339	0.984	0.375	0.375	0.299	#4-40	1.059
RCLA25C-6	1.339	0.984	0.375	0.500	0.299	#4-40	1.059
RCLA25C-7	1.339	0.984	0.500	0.500	0.299	#4-40	1.059

TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique desibn maximises torsional stiffness without including high bearing loads
- Minimal velocity and positional fluctuations
- Over 50,000,000 test cycles at test load and 80% offset without failure
- Maintenence free
- Recommended temperature range -112ºF to +176ºF

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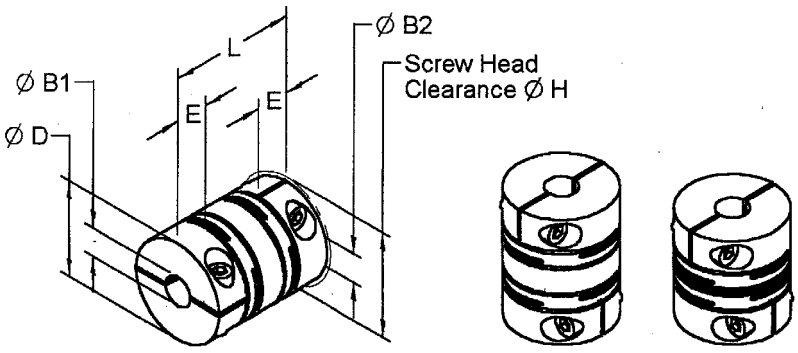
TECHNICAL SPECIFIATIONS

SIZE	TORSIONAL STIFFNESS OZ./IN	RADIAL COMPLIANCE IN/OZ ARCMIN	MISALIGNMENT PARALLEL IN	MISALIGNMENT ANGULAR DEG.	MISALIGNMENT AXIAL IN	MAX. INERTIA OZ.IN^2	MAX. MASS OZ	TYPICAL TORQUE CAPACITY REVERSING IN-LB.	TYPICAL TORQUE CAPACITY NONREV. IN-LB	TYPICAL TORQUE CAPACITY PEAK IN-LB	MAX. SPEED RPM
13C	2.20	.0007	.006	2.5	±.011	.007	.19	3.09	3.98	4.42	12000
16C	3.46	.0007	.007	2.5	±.015	.018	.37	4.88	7.32	11.06	10000
20C	5.73	.0007	.009	3.0	±.020	.050	.66	8.41	12.83	21.68	7500
25C	9.35	.0009	.015	3.0	±.027	.171	1.36	13.72	20.80	34.32	5000



RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
3/32" TO 1/2"	SET SCREW, SHORT	ALUMINUM 7075 ALOCROM FINISH

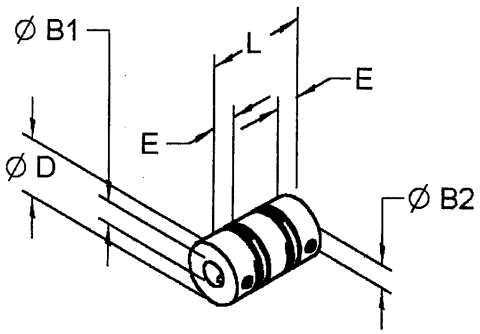
STOCK NO.	L	ØD	ØB1 +.002 -.000	ØB2 +.002 -.000	E	SET SCREW SIZE
RCSA6-1	0.368	0.236	0.094	0.094	0.110	#0-80
RCSA6-2	0.368	0.236	0.094	0.125	0.110	#0-80
RCSA6-3	0.368	0.236	0.125	0.125	0.110	#0-80
RCSA8-1	0.461	0.315	0.094	0.094	0.1259	#0-80
RCSA8-2	0.461	0.315	0.094	0.125	0.1259	#0-80
RCSA8-3	0.461	0.315	0.125	0.125	0.1259	#0-80
RCSA10-1	0.537	0.394	0.094	0.094	0.1574	#0-80
RCSA10-2	0.537	0.394	0.094	0.125	0.1574	#0-80
RCSA10-3	0.537	0.394	0.125	0.125	0.1574	#2-56
RCSA10-4	0.537	0.394	0.125	0.188	0.1574	#2-56
RCSA10-5	0.537	0.394	0.188	0.188	0.1574	#4-40
RCSA13-1	0.661	0.512	0.125	0.125	0.1968	#2-56
RCSA13-2	0.661	0.512	0.125	0.188	0.1968	#2-56
RCSA13-3	0.661	0.512	0.125	0.250	0.1968	#2-56
RCSA13-4	0.661	0.512	0.188	0.188	0.1968	#4-40
RCSA13-5	0.661	0.512	0.188	0.250	0.1968	#4-40
RCSA13-6	0.661	0.512	0.250	0.250	0.1968	#6-32
RCSA16-1	0.778	0.630	0.125	0.125	0.2322	#2-56
RCSA16-2	0.778	0.630	0.125	0.188	0.2322	#2-56
RCSA16-3	0.778	0.630	0.125	0.250	0.2322	#2-56
RCSA16-4	0.778	0.630	0.125	0.313	0.2322	#2-56
RCSA16-5	0.778	0.630	0.188	0.188	0.2322	#4-40
RCSA16-6	0.778	0.630	0.188	0.250	0.2322	#4-40
RCSA16-7	0.778	0.630	0.188	0.313	0.2322	#4-40
RCSA16-8	0.778	0.630	0.250	0.250	0.2322	#6-32
RCSA16-9	0.778	0.630	0.250	0.313	0.2322	#6-32
RCSA16-10	0.778	0.630	0.313	0.313	0.2322	#8-32
RCSA20-1	0.846	0.787	0.188	0.188	0.2598	#4-40
RCSA20-2	0.846	0.787	0.188	0.250	0.2598	#4-40
RCSA20-3	0.846	0.787	0.188	0.313	0.2598	#4-40
RCSA20-4	0.846	0.787	0.250	0.250	0.2598	#6-32
RCSA20-5	0.846	0.787	0.250	0.313	0.2598	#6-32
RCSA20-6	0.846	0.787	0.313	0.313	0.2598	#8-32
RCSA20-7	0.846	0.787	0.313	0.375	0.2598	#8-32
RCSA20-8	0.846	0.787	0.375	0.375	0.2598	#10-32
RCSA25-1	1.016	0.984	0.250	0.250	0.3385	#6-32
RCSA25-2	1.016	0.984	0.250	0.313	0.3385	#6-32
RCSA25-3	1.016	0.984	0.250	0.375	0.3385	#6-32
RCSA25-4	1.016	0.984	0.250	0.500	0.3385	#6-32
RCSA25-5	1.016	0.984	0.313	0.313	0.3385	#8-32
RCSA25-6	1.016	0.984	0.313	0.375	0.3385	#8-32
RCSA25-7	1.016	0.984	0.313	0.500	0.3385	#8-32
RCSA25-8	1.016	0.984	0.375	0.375	0.3385	#10-32
RCSA25-9	1.016	0.984	0.375	0.500	0.3385	#10-32
RCSA25-10	1.016	0.984	0.500	0.500	0.3385	#1/4-20

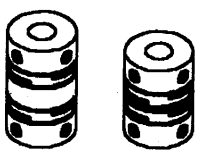
TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique desibn maximises torsional stiffness without including high bearing loads
- Minimal velocity and positional fluctuations
- Over 50,000,000 test cycles at test load and 80% offset without failure
- Maintenence free
- Recommended temperature range -112ºF to +176ºF

TECHNICAL SPECIFIATIONS

SIZE	TORSIONAL STIFFNESS OZ./IN	RADIAL COMPLIANCE IN/OZ ARCMIN	MISALIGNMENT PARALLEL IN	MISALIGNMENT ANGULAR DEG.	MISALIGNMENT AXIAL IN	MAX. INERTIA OZ.IN^2	MAX. MASS OZ	TYPICAL TORQUE CAPACITY REVERSING IN-LB.	TYPICAL TORQUE CAPACITY NON REV. IN-LB	TYPICAL TORQUE CAPACITY PEAK IN-LB	MAX. SPEED RPM
6	.172	2.3×10^{-4}	7.8×10^{-4}	1.7	$\pm 2.3 \times 10^{-3}$	1.6×10^{-4}	.023	.88	1.32	2.21	7000
8	.358	3.8×10^{-4}	1.9×10^{-3}	2.0	$\pm 3.9 \times 10^{-3}$	6.0×10^{-4}	.046	1.77	2.65	4.43	40000
10	.692	3.0×10^{-4}	2.3×10^{-3}	2.0	$\pm 6.7 \times 10^{-3}$	1.8×10^{-3}	.082	2.65	3.98	6.63	35000





RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
3/32" TO 1/2"	SET SCREW, LONG	ALUMINUM 7075 ALOCROM FINISH

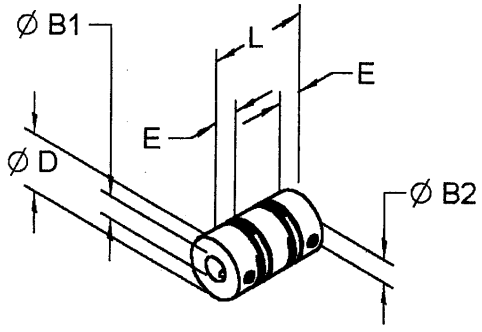
STOCK NO.	L	ØD	ØB1 +.002 -.000	ØB2 +.002 -.000	E	SET SCREW SIZE
RCLA6-1	0.492	0.236	0.094	0.094	0.110	#0-80
RCLA6-2	0.492	0.236	0.094	0.125	0.110	#0-80
RCLA6-3	0.492	0.236	0.125	0.125	0.110	#0-80
RCLA8-1	0.571	0.315	0.094	0.094	0.1259	#0-80
RCLA8-2	0.571	0.315	0.094	0.125	0.1259	#0-80
RCLA8-3	0.571	0.315	0.125	0.125	0.1259	#0-80
RCLA10-1	0.669	0.394	0.094	0.094	0.1574	#0-80
RCLA10-2	0.669	0.394	0.094	0.125	0.1574	#0-80
RCLA10-3	0.669	0.394	0.125	0.125	0.1574	#2-56
RCLA10-4	0.669	0.394	0.125	0.188	0.1574	#2-56
RCLA10-5	0.669	0.394	0.188	0.188	0.1574	#4-40
RCLA13-1	0.787	0.512	0.125	0.125	0.1968	#2-56
RCLA13-2	0.787	0.512	0.125	0.188	0.1968	#2-56
RCLA13-3	0.787	0.512	0.125	0.250	0.1968	#2-56
RCLA13-4	0.787	0.512	0.188	0.188	0.1968	#4-40
RCLA13-5	0.787	0.512	0.188	0.250	0.1968	#4-40
RCLA13-6	0.787	0.512	0.250	0.250	0.1968	#6-32
RCLA16-1	0.925	0.630	0.125	0.125	0.2322	#2-56
RCLA16-2	0.925	0.630	0.125	0.188	0.2322	#2-56
RCLA16-3	0.925	0.630	0.125	0.250	0.2322	#2-56
RCLA16-4	0.925	0.630	0.125	0.313	0.2322	#2-56
RCLA16-5	0.925	0.630	0.188	0.188	0.2322	#4-40
RCLA16-6	0.925	0.630	0.188	0.250	0.2322	#4-40
RCLA16-7	0.925	0.630	0.188	0.313	0.2322	#4-40
RCLA16-8	0.925	0.630	0.250	0.250	0.2322	#6-32
RCLA16-9	0.925	0.630	0.250	0.313	0.2322	#6-32
RCLA16-10	0.925	0.630	0.313	0.313	0.2322	#8-32
RCLA20-1	1.024	0.787	0.188	0.188	0.2598	#4-40
RCLA20-2	1.024	0.787	0.188	0.250	0.2598	#4-40
RCLA20-3	1.024	0.787	0.188	0.313	0.2598	#4-40
RCLA20-4	1.024	0.787	0.250	0.250	0.2598	#6-32
RCLA20-5	1.024	0.787	0.250	0.313	0.2598	#6-32
RCLA20-6	1.024	0.787	0.313	0.313	0.2598	#8-32
RCLA20-7	1.024	0.787	0.313	0.375	0.2598	#8-32
RCLA20-8	1.024	0.787	0.375	0.375	0.2598	#10-32
RCLA25-1	1.339	0.984	0.250	0.250	0.3385	#6-32
RCLA25-2	1.339	0.984	0.250	0.313	0.3385	#6-32
RCLA25-3	1.339	0.984	0.250	0.375	0.3385	#6-32
RCLA25-4	1.339	0.984	0.250	0.500	0.3385	#6-32
RCLA25-5	1.339	0.984	0.313	0.313	0.3385	#8-32
RCLA25-6	1.339	0.984	0.313	0.375	0.3385	#8-32
RCLA25-7	1.339	0.984	0.313	0.500	0.3385	#8-32
RCLA25-8	1.339	0.984	0.375	0.375	0.3385	#10-32
RCLA25-9	1.339	0.984	0.375	0.500	0.3385	#10-32
RCLA25-10	1.339	0.984	0.500	0.500	0.3385	#1/4-20

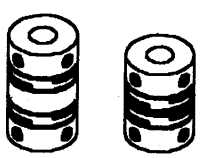
TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique desibn maximises torsional stiffness without including high bearing loads
- Minimal velocity and positional fluctuations
- Over 50,000,000 test cycles at test load and 80% offset without failure
- Maintenence free
- Recommended temperature range -112ºF to +176ºF

TECHNICAL SPECIFIATIONS

SIZE	TORSIONAL STIFFNESS OZ./IN ARCMIN	RADIAL COMPLIANCE IN/OZ	MISALIGNMENT PARALLEL IN	MISALIGNMENT ANGULAR DEG.	MISALIGNMENT AXIAL IN	MAX. INERTIA OZ.IN^2	MAX. MASS OZ	TYPICAL TORQUE CAPACITY REVERSING IN-LB.	TYPICAL TORQUE CAPACITY NONREV. IN-LB	TYPICAL TORQUE CAPACITY PEAK IN-LB	MAX. SPEED RPM
6	.177	8.6×10^{-4}	1.5×10^{-3}	1.7	$\pm 2.3 \times 10^{-3}$	2.7×10^{-4}	.034	.88	1.32	2.21	32000
8	.358	1.1×10^{-3}	3.9×10^{-3}	2.0	$\pm 3.9 \times 10^{-3}$	8.2×10^{-4}	.060	1.77	2.65	4.43	24000
10	.692	9.0×10^{-4}	4.7×10^{-3}	2.0	$\pm 6.7 \times 10^{-3}$	2.3×10^{-3}	.106	2.65	3.98	6.63	22000





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FLEX-THANE COUPLINGS

BORE	FOR GEAR PITCH	MATERIAL
1/8" TO 1/2"	32	MOLDED POLYURETHANE WITH 303 STAINLESS STEEL HUBS

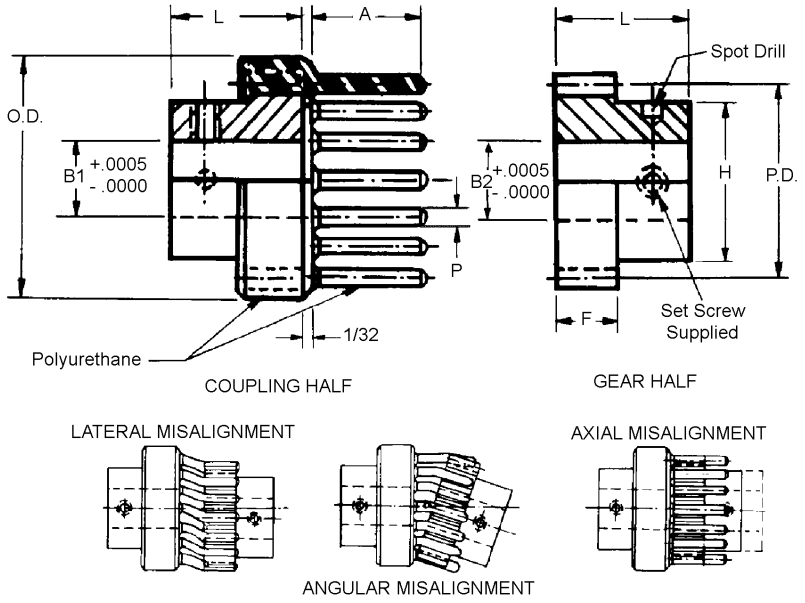
STOCK NO.	B1	B2	H	L	F	NO. OF PINS	P.D.	MAXIMUM MISALIGNMENT LATERAL	MAXIMUM MISALIGNMENT ANGULAR	APPROX. MAX TORQUE	A	P	O.D.
CC4-S14 CC4-S21	.1248 .1873	.1248 .1873	5/16 3/8	3/8 13/32	3/16	24	.750	1/32	15º	100 in.oz.	3/8	.049	15/16

BORE	FOR GEAR PITCH	MATERIAL
1/8" TO 1/2"	24	MOLDED POLYURETHANE WITH 303 STAINLESS STEEL HUBS

STOCK NO.	B1	B2	H	L	F	NO. OF PINS	P.D.	MAXIMUM MISALIGNMENT LATERAL	MAXIMUM MISALIGNMENT ANGULAR	APPROX. MAX TORQUE	A	P	O.D.
CC4-S28 CC4-S32	.2498 .3123	.2498 .3123	1/2	7/16	3/16	24	1.000	1/16	15º	300 in.oz.	1/2	.065	1 3/16

BORE	FOR GEAR PITCH	MATERIAL
1/8" TO 1/2"	16	MOLDED POLYURETHANE WITH 303 STAINLESS STEEL HUBS

STOCK NO.	B1	B2	H	L	F	NO. OF PINS	P.D.	MAXIMUM MISALIGNMENT LATERAL	MAXIMUM MISALIGNMENT ANGULAR	APPROX. MAX TORQUE	A	P	O.D.
CC4-S35 CC4-S37	.3748 .4998	.3748 .4998	3/4 1	7/8	3/8	20	1.250	1/8	15º	500 in.oz.	3/4	.098	1 1/2



Other bore sizes and combinations are available.

ABSORBATHANE FLEXIBLE COUPLINGS

BORE	STYLE	MATERIAL
3/16" TO 3/8"	EXTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUB

STOCK NO.	BORES B1 AND B2	A	C	D	MAX. WORKING TORQUE lb-in	MAX. PARALLEL MISALIGN	MAX.ANGULAR MISALIGN
CC3-10 CC3-11 CC3-12 CC3-13	3/16 1/4 5/16 3/8	1 1/8	1 1/8	11/16	3	3/32	10º

BORE	STYLE	MATERIAL
1/4" TO 7/16"	INTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUB

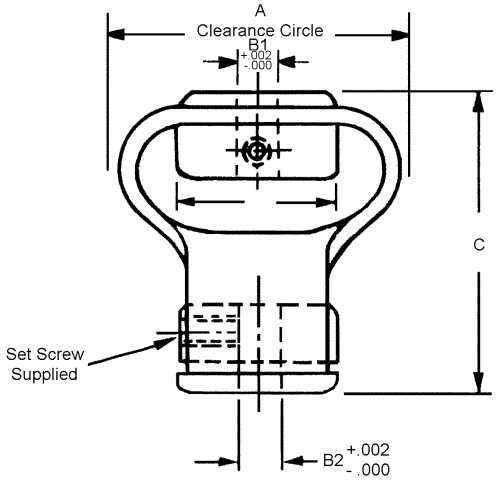
STOCK NO.	BORES 1 AND B2	A	C	D	MAX. WORKING TORQUE lb-in	MAX. PARALLEL MISALIGN	MAX.ANGULAR MISALIGN
CC3-1 CC3-2 CC3-3 CC3-14 CC3-5	1/4 5/16 3/8 7/16 1/2	1 7/8	1 3/4	1	12	1/8	15º

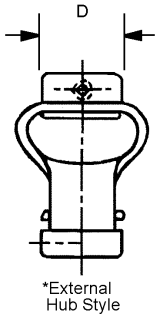
BORE	STYLE	MATERIAL
1/2" TO 5/8"	INTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUB

STOCK NO.	BORES B1 AND B2	A	C	D	MAX. WORKING TORQUE lb-in	MAX. PARALLEL MISALIGN	MAX ANGULAR MISALIGN
CC3-4 CC3-15 CC3-6 CC3-16 CC3-8	3/8 7/16 1/2 9/16 5/8	2 1/8	2 1/4	1 1/4	28	3/16	15º

BORES	STYLE	MATERIAL
1/2" TO 5/8"	INTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUB

STOCK NO.	BORES B1 ANDB2	A	C	D	MAX. WORKING TORQUE lb-in	MAX. PARALLEL MISALIGN	MAX ANGULAR MISALIGN
CC3-7 CC3-17 CC3-9	1/2 9/16 5/8	2 1/8	2 3/8	1 1/4	40	1/8	15º





Available on request:
Other bore sizes or bore combinations.

- Absorbs end play
- Quiet running
- Maintenance free (No moving parts)
- 3600 R.P.M. Maximum

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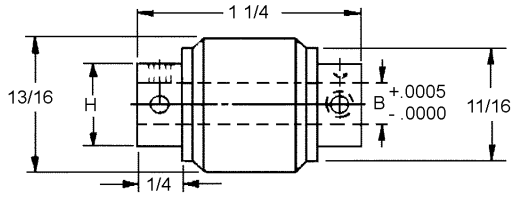
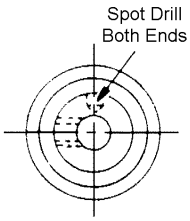
NEO-FLEX COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .3748	PIN HUB	303 STAINLESS STEEL HUB MOLDED NEOPRENE BODY

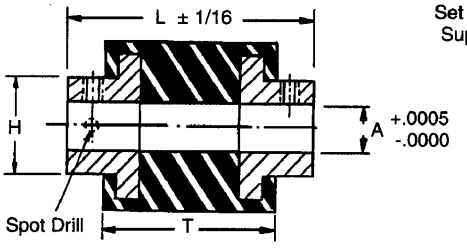


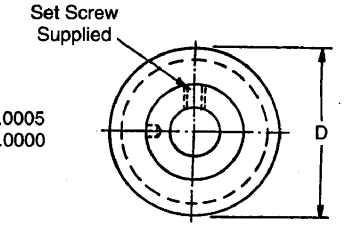


STOCK NO.	B	H	SET SCREW	SPOT DRILL
CO14-7	.1200 .1248	5/16 5/16	#2-56 #2-56	#69 #69
CO14-10	.1200 .1873	5/16 3/8	#2-56 #4-40	#69 #60
CO14-9	.1200 .2498	5/16 1/2	#2-56 #6-32	#69 #50
CO14-1	.1248 .1248	5/16 5/16	#2-56 #2-56	#69 #69
CO14-4	.1248 .1873	5/16 3/8	#2-56 #4-40	#69 #60
CO14-5	.1248 .2498	5/16 1/2	#2-56 #6-32	#69 #50
CO14-8	.1562 .1873	5/16 3/8	#2-56 #4-40	#69 #60
CO14-2	.1873 .1873	3/8 3/8	#4-40 #4-40	#60 #60
CO14-6	.1873 .2498	3/8 1/2	#4-40 #6-32	#60 #50
CO14-3	.2498 .2498	1/2 1/2	#6-32 #6-32	#50 #50
CO14-11	.3123 .3123	1/2 1/2	#6-32 #6-32	#50 #50
CO14-12	.3748 .3748	5/8 5/8	#8-32 #8-32	#31 #31

- Isolates torsional vibration
- Insulates between shafts
- 1º angular misalignment (Max.)
- .005 Shaft misalignment (Max.)
- Maximum working torque 9 in-lb

BORES	STYLE	MATERIAL
.1873 TO .4998	PIN HUB	303 STAINLESS STEEL HUB POLYURETHANE BODY



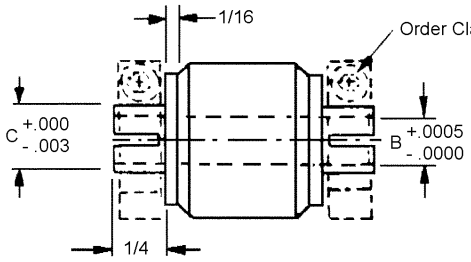


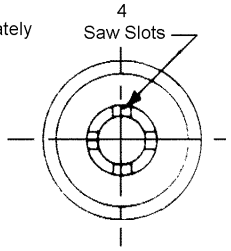
STOCK NO.	A	H	D	L	T
CC1-3	.1873	3/8	15/16	1 1/4	3/4
CC1-14	.2498	5/8	1 1/8	1 9/16	15/16
CC1-15	.3123	5/8	1 1/8	1 9/16	15/16
CC1-16	.3748	5/8	1 1/8	1 9/16	15/16
CC1-8	.4998	1	1 5/8	2 1/4	1 3/8

Combination bores are available on request.

NEO-FLEX COUPLINGS

BORES	STYLE	MATERIAL
.1200 TO .3748	CLAMP	303 STAINLESS STEEL HUB MOLDED NEOPRENE BODY





STOCK NO.	B	C	CLAMP STOCK NO.
CO15-7	.1200 .1248	.187 .187	CG1-25 CG1-25
CO15-10	.1200 .1873	.187 .250	CG1-25 CG1-9
CO15-9	.1200 .2498	.187 .312	CG1-25 CG1-12
CO15-1	.1248 .1248	.187 .187	CG1-25 CG1-25
CO15-4	.1248 .1873	.187 .250	CG1-25 CG1-9
CO15-5	.1248 .2498	.187 .312	CG1-25 CG1-12
CO15-8	.1562 .1873	.250 .250	CG1-9 CG1-9
CO15-2	.1873 .1873	.250 .250	CG1-9 CG1-9
CO15-6	.1873 .2498	.250 .312	CG1-9 CG1-12
CO15-3	.2498 .2498	.312 .312	CG1-12 CG1-12
CO15-11	.3123 .3123	.375 .375	CG1-14 CG1-14
CO15-12	.3748 .3748	.437 .437	CG1-17 CG1-17

- Isolates torsional vibration
- Insulates between shafts
- 1º angular misalignment (Max.)
- .005 Shaft misalignment (Max.)
- Maximum working torque 9 in-lb

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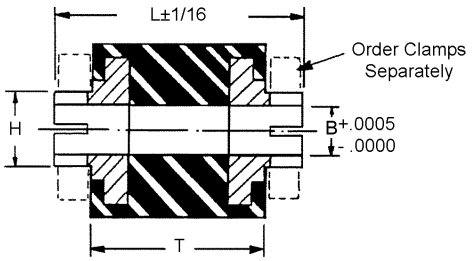
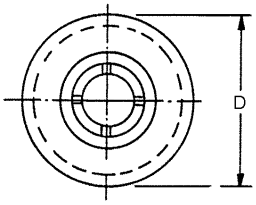
BORES	STYLE	MATERIAL
.1873 TO .4998	CLAMP	303 STAINLESS STEEL HUB POLYURETHANE BODY



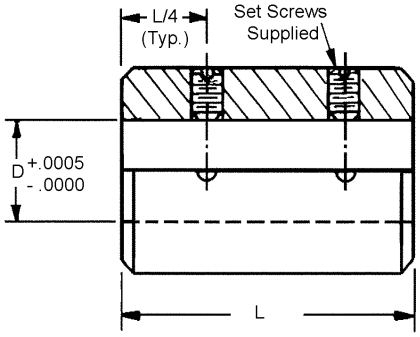


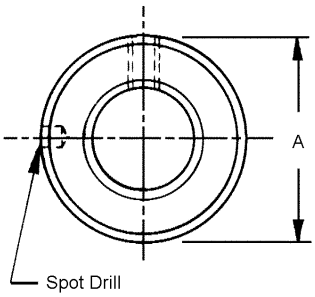
STOCK NO.	B	C	D	L	T
CC2-3	.1873	1/4	15/16	1 1/4	3/4
CC2-14	.2498	5/16	1 1/8	1 9/16	15/16
CC2-5*	.3123	3/8	1 1/8	1 1/4	7/8
CC2-15	.3123	3/8	1 1/8	1 9/16	15/16
CC2-16	.3748	7/16	1 1/8	1 9/16	15/16
CC2-8	.4998	9/16	1 5/8	2	1 3/8

*Limited supply available.
Combination bores are available on request.

SLEEVE COUPLINGS

BORE	STYLE	MATERIAL
.0779 TO .9998	SET SCREW	303 STAINLESS STEEL





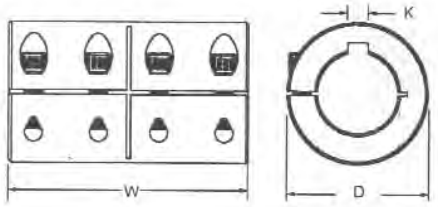
STOCK NO.	SHAFT SIZE	D	L	A	SPOT DRILL	SET SCREW
CT-14	5/64	.0779	3/8	7/32	#78	#0-80
CT-15	3/32	.0935	3/8	1/4	#78	#0 80
CT-1	1/8	.1248	7/16	5/16	#69	#2-56
CT-2	3/16	.1873	1/2	3/8	#60	#4-40
CT-3	1/4	.2498	9/16	1/2	#50	#6-32
CT-4	5/16	.3123	9/16	1/2	#50	#6-32
CT-22	3/8	.3748	3/4	3/4	#31	#10-32
CT-5	3/8	.3748	1	3/4	#31	#10-24
CT-23	1/2	.4998	1	1	#25	1/4-20
CT-6	1/2	.4998	1 1/2	1	#25	1/4-20
CT-7	5/8	.6248	2	1 1/4	#25	1/4-20
CT-8	3/4	.7498	2	1 1/2	#22	3/8-16
CT-9	1	.9998	3	2	#22	3/8-16
CT-10	1/8 to .1200	.1248 .1200	7/16	1/4	#69	#2-56
CT-16	1/8 to 5/32	.1248 .1562	7/16	1/4	#69	#2-56
CT-11	1/8 to 3/16	.1248 .1873	1/2	3/8	#69 #60	#2-56 #4-40
CT-12	1/8 to 1/4	.1248 .2498	9/16	1/2	#69 #50	#2-56 #6-32
CT-17	3/16 to .2405	.1873 .2405	1/2	3/8	#60 #50	#4-40 #6-32
CT-13	3/16 to 1/4	.1873 .2498	9/16	1/2	#60 #50	#4-40 #6-32
CT-18	1/4 to 5/16	.2498 .3123	9/16	9/16	#50	#6-32
CT-19	1/4 to 3/8	.2498 .3748	3/4	3/4	#50 #31	#6-32 #10-32
CT-20	5/16 to 3/8	.3123 .3748	3/4	3/4	#50 #31	#6-32 #10-32
CT-21	3/8 to 1/2	.3748 .4998	1	1	#31 #25	#10-32 1/4-20

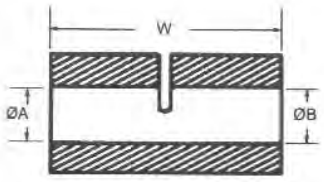
Modified or specials are available on request.

SPLIT SLEEVE COUPLINGS

BORE	DESCRIPTION	MATERIAL
3/8” TO 1 1/4”	ONE-PIECE CONSTRUCTION WITH KEYWAY	303 STAINLESS STEEL

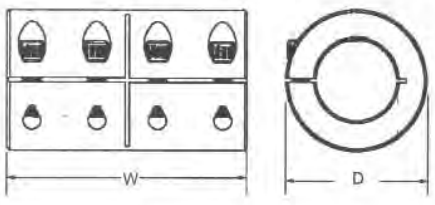
STOCK NO.	A +.002 - .000	B +.002 - .000	O.D. (D)	W	K	RECOMMENDED MAX. SCREW TORQUE IN./LBS.	
						ALLOY STEEL	STAINLESS STEEL
CLC-6-6-SS	.375	.375	7/8	1 3/8	3/32	28	15
CLC-8-8-SS	.500	.500	1 1/8	1 3/4	1/8	49	28
CLC-10-10-SS	.625	.625	1 5/16	2	3/16	76	45
CLC-12-12-SS	.750	.750	1 1/2	2 1/4	3/16	170	110
CLC-14-14-SS	.875	.875	1 5/8	2 1/2	3/16	170	110
CLC-16-16-SS	1.000	1.000	1 3/4	3	1/4	170	110
CLC-18-18-SS	1.125	1.125	1 7/8	3 1/8	1/4	170	110
CLC-20-20-SS	1.250	1.250	2 1/16	3 1/4	1/4	170	110

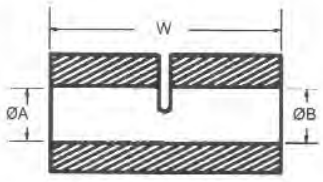




BORE	DESCRIPTION	MATERIAL
1/4” TO 1 1/4”	ONE-PIECE CONSTRUCTION WITHOUT KEYWAY	303 STAINLESS STEEL

STOCK NO.	A +.002 - .000	B +.002 - .000	O.D. (D)	W	RECOMMENDED MAX. SCREW TORQUE IN./LBS.	
					ALLOY STEEL	STAINLESS STEEL
CLX-4-4-SS	.250	.250	5/8	1	15	8
CLX-6-6-SS	.375	.375	7/8	1 3/8	28	15
CLX-8-8-SS	.500	.500	1 1/8	1 3/4	49	28
CLX-10-10-SS	.625	.625	1 5/16	2	76	45
CLX-12-12-SS	.750	.750	1 1/2	2 1/4	170	110
CLX-14-14-SS	.875	.875	1 5/8	2 1/2	170	110
CLX-16-16-SS	1.000	1.000	1 3/4	3	170	110
CLX-18-18-SS	1.125	1.125	1 7/8	3 1/8	170	110
CLX-20-20-SS	1.250	1.250	2 1/16	3 1/4	170	110





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SPLIT SLEEVE COUPLINGS

BORE	DESCRIPTION	MATERIAL
3/8" TO 1 1/4"	ONE-PIECE CONSTRUCTION WITHOUT KEYWAYS	303 STAINLESS STEEL

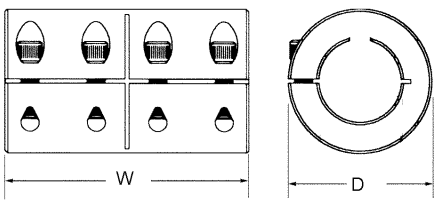
STOCK NO.	A +.002 -.000	B +.002 -.000	O.D. (D)	LENGTH (W)	FORGED CLAMP SCREW
CLX-6-4-SS	.375	.250	7/8	1 3/8	6-32x3/8
CLX-8-6-SS	.500	.375	1 1/8	1 3/4	8-32x1/2
CLX-10-8-SS	.625	.500	1 5/16	2 1/4	10-32x1/2
CLX-12-10-SS	.750	.625	1 5/8	2 1/2	1/4-28x5/8
CLX-14-12-SS	.875	.750	1 5/8	2 1/2	1/4-28x5/8
CLX-16-12-SS	1.000	.750	1 3/4	3	1/4-28x11/16
CLX-16-14-SS	1.000	.875	1 3/4	3	1/4-28x11/16
CLX-18-16-SS	1.125	1.000	1 7/8	3 1/8	1/4-28x11/16
CLX-20-16-SS	1.250	1.000	2 1/16	3 1/4	1/4-28x3/4

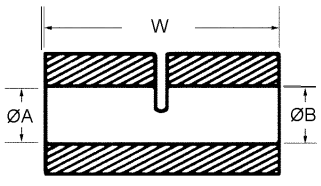
BORE	DESCRIPTION	MATERIAL
3/8" TO 1 1/4"	TWO-PIECE CONSTRUCTION WITHOUT KEYWAYS	303 STAINLESS STEEL

STOCK NO.	A +.002 -.000	B +.002 -.000	O.D. (D)	LENGTH (W)	FORGED CLAMP SCREW
SPX-6-4-SS	.375	.250	7/8	1 3/8	6-32x3/8
SPX-8-6-SS	.500	.375	1 1/8	1 3/4	8-32x1/2
SPX-10-8-SS	.625	.500	1 5/16	2 1/4	10-32x1/2
SPX-12-10-SS	.750	.625	1 5/8	2 1/2	1/4-28x5/8
SPX-14-12-SS	.875	.750	1 5/8	2 1/2	1/4-28x5/8
SPX-16-12-SS	1.000	.750	1 3/4	3	1/4-28x11/16
SPX-16-14-SS	1.000	.875	1 3/4	3	1/4-28x11/16
SPX-18-16-SS	1.125	1.000	1 7/8	3 1/8	1/4-28x11/16
SPX-20-16-SS	1.250	1.000	2 1/16	3 1/4	1/4-28x3/4

BORE	DESCRIPTION	MATERIAL
3/8" TO 1 1/4"	TWO-PIECE CONSTRUCTION WITH KEYWAYS	303 STAINLESS STEEL

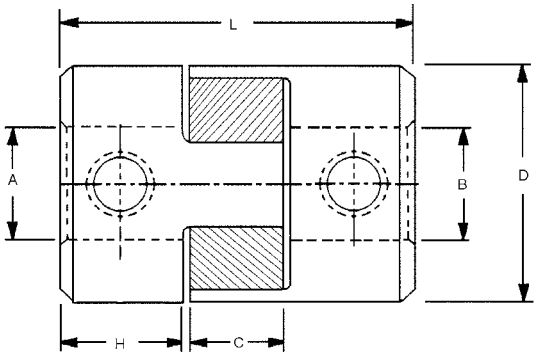
STOCK NO.	A +.002 -.000	B +.002 -.000	O.D. (D)	LENGTH (W)	KEYWAY A	KEYWAY B	FORGED CLAMP SCREW
SPC-6-4-SS	.375	.250	7/8	1 3/8	3/32	N/A	6-32x3/8
SPC-8-6-SS	.500	.375	1 1/8	1 3/4	1/8	3/32	8-32x1/2
SPC-10-8-SS	.625	.500	1 5/16	2 1/4	3/16	1/8	10-32x1/2
SPC-12-10-SS	.750	.625	1 5/8	2 1/2	3/16	3/16	1/4-28x5/8
SPC-14-12-SS	.875	.750	1 5/8	2 1/2	3/16	3/16	1/4-28x5/8
SPC-16-12-SS	1.000	.750	1 3/4	3	1/4	3/16	1/4-28x11/16
SPC-16-14-SS	1.000	.875	1 3/4	3	1/4	3/16	1/4-28x11/16
SPC-18-16-SS	1.125	1.000	1 7/8	3 1/8	1/4	1/4	1/4-28x11/16
SPC-20-16-SS	1.250	1.000	2 1/16	3 1/4	1/4	1/4	1/4-28x3/4





SPIDER COUPLINGS

BORE	DESCRIPTION	MATERIAL
1/8” TO 1/2”	SOFT 80 DURO SPIDER	ALUMINUM HUBS POLYURETHANE SPIDER

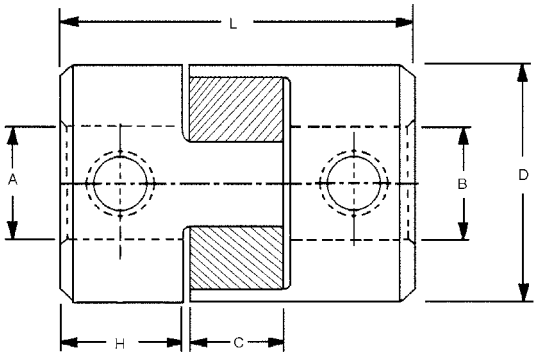


STOCK NO.	A +.002 -.000	B +.002 -.000	D	H	L	C	MISALIGNMENT PARALLEL IN.	MISALIGNMENT ANGULAR DEG.	MAXIMUM TORQUE in-lb.	SET SCREW
CO46-1A CO46-2A	.125 .187	.125 .187	.394	.20	.59	.16	.031	1º	2.6	#2-56 #4-40
CO47-1A CO47-2A CO47-3A	.125 .187 .250	.125 .187 .250	.551	.28	.87	.24	.047	1º	12	#2-56 #4-40 #6-32
CO48-1A CO48-2A CO48-3A	.250 .312 .375	.250 .312 .375	.787	.39	1.18	.32	.062	1º	32	#6-32 #8-32 #10-32
CO49-1A CO49-2A CO49-3A	.312 .375 .500	.312 .375 .500	1.18	.43	1.36	.39	.078	1º	70	#8-32 #10-32 1/4-20

- Torsional rigidity
- Contoured and machined components for quick assembly and minimum wear over extended use. Components assembled with pre-load.
- Bearing protection from parallel and angular misalignment
- Allowance for axial shaft float
- Small size, low WR, electrical isolation and light weight aluminum hubs.

Other bore sizes an combinations are available on request.
Clamp style couplings are available on request.

BORE	DESCRIPTION	MATERIAL
1/8” TO 1/2”	RIGID 98 DURO SPIDER	ALUMINUM HUBS POLYURETHANE SPIDER



STOCK NO.	A +.002 -.000	B +.002 -.000	D	H	L	C	MISALIGNMENT PARALLEL IN.	MISALIGNMENT ANGULAR DEG.	MAXIMUM TORQUE in-lb.	SET SCREW
CO46-1B CO46-2B	.125 .187	.125 .187	.394	.20	.59	.16	.031	1º	8.6	#2-56 #4-40
CO47-1B CO47-2B CO47-3B	.125 .187 .250	.125 .187 .250	.551	.28	.87	.24	.047	1º	34	#2-56 #4-40 #6-32
CO48-1B CO48-2B CO48-3B	.250 .312 .375	.250 .312 .375	.787	.39	1.18	.32	.062	1º	86	#6-32 #8-32 #10-32
CO49-1B CO49-2B CO49-3B	.312 .375 .500	.312 .375 .500	1.18	.43	1.36	.39	.078	1º	220	#8-32 #10-32 1/4-20

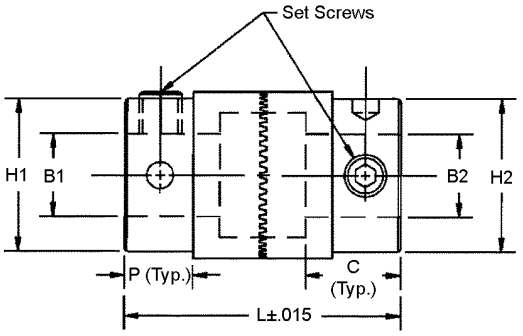
- Torsional rigidity
- Contoured and machined components for quick assembly and minimum wear over extended use. Components assembled with pre-load.
- Bearing protection from parallel and angular misalignment
- Allowance for axial shaft float
- Small size, low WR, electrical isolation and light weight aluminum hubs.

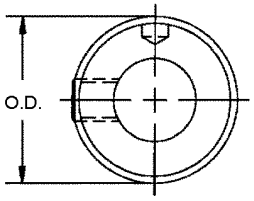
Other bore sizes an combinations are available on request.
Clamp style couplings are available on request.

MULTI-JAW COUPLINGS

BORE	MATERIAL
.1200 TO .4998	303 STAINLESS STEEL

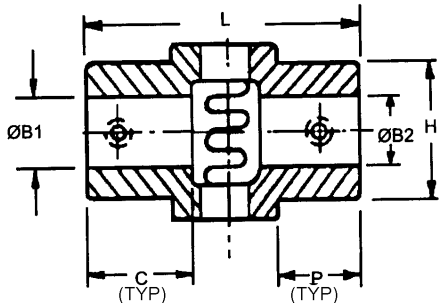
STOCK NO.	B1 +.0005 -.0000	B2 +.0005 -.0000	H1	H2	L	C	P	OUTSIDE DIA.	NO. OF TEETH	MAX. TORQUE
CM3-4	.1200	.1200	.31	.31						
CM3-5	.1200	.1248	.31	.31						
CM3-1	.1248	.1248	.31	.31						
CM3-6	.1248	.1873	.31	.37	.79	.21	.22	17/32	32	300 OZ. IN.
CM3-7	.1248	.2498	.37	.50						
CM3-2	.1873	.1873	.37	.37						
CM3-8	.1873	.2498	.50	.50						
CM3-3	.2498	.2498	.50	.50						
CM1-15	.1200	.1248	.31	.31						
CM1-2	.1248	.1248	.31	.31						
CM1-16	.1248	.1873	.31	.37						
CM1-17	.1248	.2498	.31	.50	.87	.21	.25	3/4	48	500 OZ. IN.
CM1-3	.1873	.1873	.37	.37						
CM1-18	.1873	.2498	.37	.50						
CM1-4	.2498	.2498	.50	.50						
CM1-5	.3123	.3123	.50	.50						
CM1-6	.3748	.3748	.68	.68	1.25	.43	.31			
CM1-8	.4998	.4998	.93	.93	1.50	.56	43	1	64	900

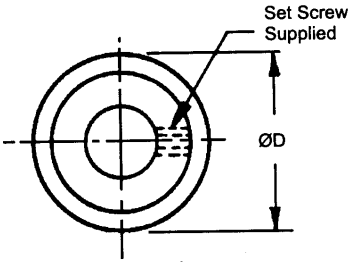




BORES	MATERIAL
3/16” TO 1/2”	COLD ROLLED STEEL

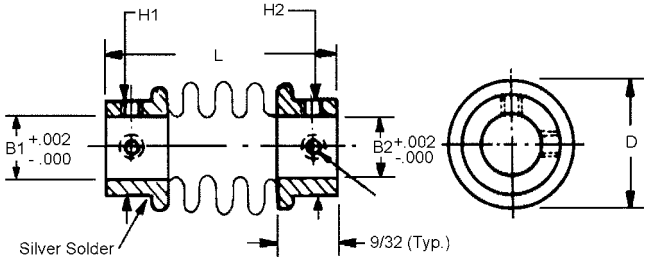
STOCK NO.	B1 +.0005 -.0000	B2 +.0005 -.0000	O.D.	L	C	H	P	NO. OF TEETH	MAX. TORQUE
CM2-3	3/16	3/16	1/2	1 1/8	1/2	.43	7/16	10	400 OZ. IN.
CM2-4	1/4	1/4	1/2	1 1/8	1/2	.43	7/16	10	400 OZ. IN.
CM2-5	5/16	5/16	3/4	1 1/2	5/8	.68	33/34	10	650 OZ. IN.
CM2-6	3/8	3/8	3/4	1 1/2	5/8	.68	33/64	10	650 OZ. IN.
CM2-8	1/2	1/2	1	2	7/8	.93	3/4	12	1100 OZ. IN.





BELLOWS COUPLINGS

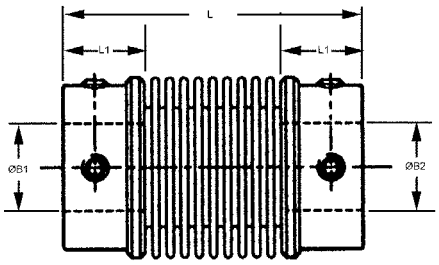
BORE	STYLE	MATERIAL
.128 TO .503	PIN HUB	303 STAINLESS STEEL HUB 321 STAINLESS STEEL BELLOWS

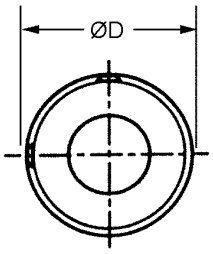


STOCK NO.	SHAFT SIZE	BORES B1 & B2	D	L	H1 & H2	MAXIMUM RATED TORQUE Oz. In.	MAXIMUM ANGULAR MISALIGNMENT	MAXIMUM PARALLEL MISALIGNMENT
CO4-2	1/8	.128	1/2	63/64	.34	40	4º	.027
CO4-3	3/16	.190			.43	55	6º	.012
CO4-4	1/4	.253			.53	105	7º	.017
CO4-5	5/16	.315	3/4	1 5/64	.55	115	7º	.017
CO4-6	3/8	.378			.61	150	5º	.015
CO4-8	1/2	.503			.80	175	5º	.025

- Eliminates end play
- Zero backlash
- Provides uniform angular velocity
- Absorbs vibration, noise and shock

BORE	STYLE	MATERIAL
.128 TO .503	PIN HUB	HUBS AND SPACER - ALUMINUM 2011T3 ANODIZED BELLOWS - SPRING STAINLESS STEEL JOINT ASSEMBLY - COPPER C 106, ZINC PLATE, BLACK CHROMATE TEMPERATURE RANGE -40ºC TO +120ºC





Peak Torque: Select a size where peak torque exceeds the application torque x service factor.

STOCK NO.	L	ØB1,ØB2 +.002 -.000	ØD	L1	PEAK TORQUE (± in/lb)	MAXIMUM MISALIGNMENT ANGULAR (± degree)	RADIAL (± in)	AXIAL (± in)
CO5H-1	1.70	.187	1.02	.55	28.3	2	.002	.014
CO5H-2	2.14				14.2	6	.020	.040
CO5H-3	1.70	.250			28.3	2	.002	.014
CO5H-4	2.14				14.2	6	.020	.040
CO5H-5	170	.375			28.3	2	.002	.014
CO5H-6	2.14				14.2	6	.020	.040
CO5H-7	1.57	.250	1.34		66.4	2.5	.004	.024
CO5H-8	2.24				33.6	8	.040	.075
CO5H-9	1.57	.375			66.4	2.5	.004	.024
CO5H-10	2.24				33.6	8	.040	.075
CO5H-11	1.57	.500			66.4	2.5	.004	.024
CO5H-12	2.24				33.6	8	.040	.075
CO5H-13	1.57	.625			66.4	2.5	.004	.031
CO5H-14	2.24				33.6	8	.040	.098
CO5H-15	1.96	.250	1.61	.71	88.5	2.5	.006	.031
CO5H-16	2.81				44.3	8	.047	.098
CO5H-17	1.96	.375			88.5	2.5	.006	.031
CO5H-18	2.81				44.3	8	.047	.098
CO5H-19	1.96	.500			88.5	2.5	.006	.031
CO5H-20	2.81				44.3	8	.047	.098
CO5H-21	1.96	.625			88.5	2.5	.006	.031
CO5H-22	2.81				44.3	8	.047	.098
CO5H-23	1.96	.750			88.5	2.5	.006	.031
CO5H-24	2.81				44.3	8	.047	.098

Service Factor	
Nature of Load	**Factor**
Uniform load	1.5
Non-uniform load	2
Shock load	3
Reversing shock load	4

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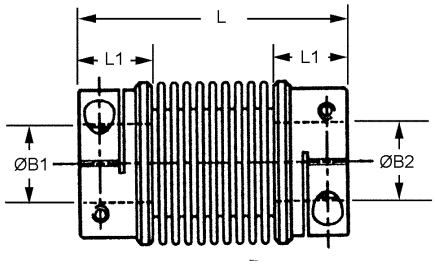
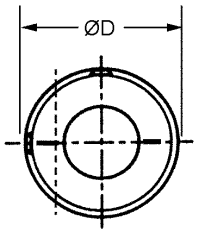
BELLOWS COUPLINGS

BORE	STYLE	MATERIAL
.187 TO .750	CLAMP HUB	HUBS AND SPACER - ALUMINUM 2011T3 ANODIZED BELLOWS - SPRING STAINLESS STEEL JOINT ASSEMBLY - COPPER C 106, ZINC PLATE, BLACK CHROMATE TEMPERATURE RANGE -40ºC TO +120ºC





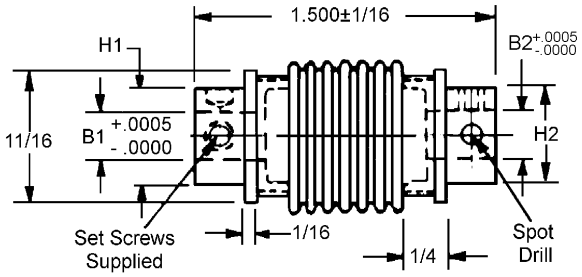
Peak Torque: Select a size where peak torque exceeds the application torque x service factor.

STOCK NO.	L	ØB1,ØB2 +.002 -.000	ØD	L1	PEAK TORQUE (± in/lb)	MAXIMUM MISALIGNMENT ANGULAR (± degree)	RADIAL (± in)	AXIAL (± in)
CO5H-1C	1.70	.187			28.3	2	.002	.014
CO5H-2C	2.14				14.2	6	.020	.040
CO5H-3C	1.70	.250	1.02		28.3	2	.002	.014
CO5H-4C	2.14				14.2	6	.020	.040
CO5H-5C	170	.375			28.3	2	.002	.014
CO5H-6C	2.14				14.2	6	.020	.040
CO5H-7C	1.57	.250		.55	66.4	2.5	.004	.024
CO5H-8C	2.24				33.6	8	.040	.075
CO5H-9C	1.57	.375			66.4	2.5	.004	.024
CO5H-10C	2.24		1.34		33.6	8	.040	.075
CO5H-11C	1.57	.500			66.4	2.5	.004	.024
CO5H-12C	2.24				33.6	8	.040	.075
CO5H-13C	1.57	.625			66.4	2.5	.004	.031
CO5H-14C	2.24				33.6	8	.040	.098
CO5H-15C	1.96	.250			88.5	2.5	.006	.031
CO5H-16C	2.81				44.3	8	.047	.098
CO5H-17C	1.96	.375			88.5	2.5	.006	.031
CO5H-18C	2.81				44.3	8	.047	.098
CO5H-19C	1.96	.500	1.61	.71	88.5	2.5	.006	.031
CO5H-20C	2.81				44.3	8	.047	.098
CO5H-21C	1.96	.625			88.5	2.5	.006	.031
CO5H-22C	2.81				44.3	8	.047	.098
CO5H-23C	1.96	.750			88.5	2.5	.006	.031
CO5H-24C	2.81				44.3	8	.047	.098

Service Factor	
Nature of Load	**Factor**
Uniform load	1.5
Non-uniform load	2
Shock load	3
Reversing shock load	4

PRECISION BELLOWS COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .3748	PIN HUB	STAINLESS STEEL

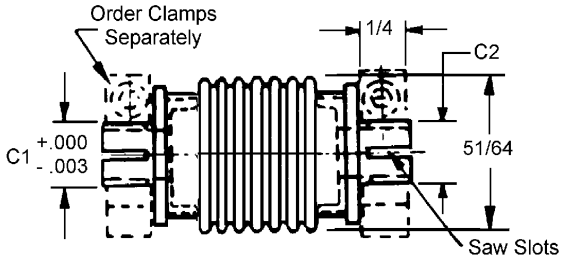


STOCK NO.	B1	B2	H1	H2
CO5-7	.1200	.1200	5/16	5/16
CO5-8	.1200	.1248	5/16	5/16
CO5-11	.1200	.1873	5/16	3/8
CO5-12	.1200	.2498	5/16	1/2
CO5-1	.1248	.1248	5/16	5/16
CO5-4	.1248	.1873	5/16	3/8
CO5-5	.1248	.2498	5/16	1/2
CO5-2	.1873	.1873	3/8	3/8
CO5-6	.1873	.2498	3/8	1/2
CO5-9	.2405	.2498	3/8	1/2
CO5-3	.2498	.2498	1/2	1/2
CO5-10	.3123	.3123	1/2	1/2
CO5-13	.3748	.3748	5/8	5/8

Maximum Rated Torque 75 oz./in.

Metric bore sizes and other bore combinations available on request.

BORE	STYLE	MATERIAL
.1200 TO .3748	CLAMP HUB	STAINLESS STEEL



Metric bore sizes and other bore combinations available on request.

STOCK NO.	B1 +.0005 -.0000	B2 +.0005 -.0000	C1	C2
CO5-7C	.1200	.1200	3/16	3/16
CO5-8C	.1200	.1248	3/16	3/16
CO5-11C	.1200	.1873	3/16	1/4
CO5-12C	.1200	.2498	3/16	5/16
CO5-1C	.1248	.1248	3/16	3/16
CO5-4C	.1248	.1873	3/16	1/4
CO5-5C	.1248	.2498	3/16	5/16
CO5-2C	.1873	.1873	1/4	1/4
CO5-6C	.1873	.2498	1/4	5/16
CO5-9C	.2405	.2498	5/16	5/16
CO5-3C	.2498	.2498	5/16	5/16
CO5-10C	.3123	.3123	3/8	3/8
CO5-13C	.3748	.3748	7/16	7/16

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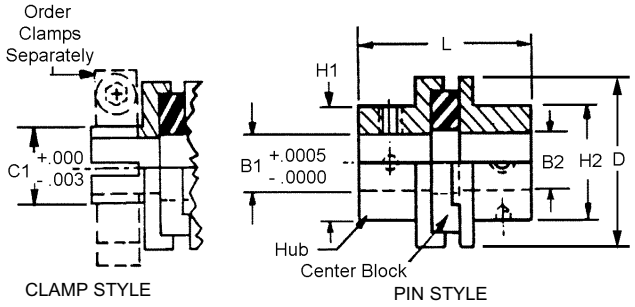
OLDHAM COUPLINGS

BORES	STYLE	MATERIAL
.1200 TO .4998	PIN HUB	303 STAINLESS STEEL HUBS CENTER BLOCK: U = POLYURETHANE B = BRONZE OR N = NYLON



STOCK NO.	B1	B2	D	H1	H2	L	TORQUE Oz. In.
CO3-13-B CO3-13-N	.1200	.1248	5/8	5/16	5/16	21/32	90 28
CO3-2-U CO3-2-B CO3-2-N	.1248	.1248	5/8	5/16	5/16	21/32	20 90 28
CO3-10-U CO3-10-B CO3-10-N	.1248	.1873	5/8	5/16	3/8	11/16	20 90 28
CO3-11-U CO3-11-B CO3-11-N	.1248	.2498	5/8	5/16	1/2	23/32	20 90 28
CO3-3-U CO3-3-B CO3-3-N	.1873	.1873	5/8	3/8	3/8	23/32	80 360 112
CO3-12-U CO3-12-B CO3-12-N	.1873	.2498	5/8	3/8	1/2	3/4	80 360 112
CO3-4-U CO3-4-B CO3-4-N	.2498	.2498	5/8	1/2	1/2	25/32	80 360 112
CO3-5-U CO3-5-B CO3-5-N	.3123	.3123	5/8	1/2	1/2	25/32	80 360 112
CO3-6-U CO3-6-B CO3-6-N	.3748	.3748	1 3/8	3/4	3/4	1 9/16	300 1350 420
CO3-8-U CO3-8-B CO3-8-N	.4998	.4998	1 1/2	1	1	1 13/16	400 1800 560

* Limiting factor is strength of hub-to-shaft connection.

- Shaft to shaft misalignment .010 maximum
- Angular misalignment 1º maximum
- Maximum backlash 10 minutes

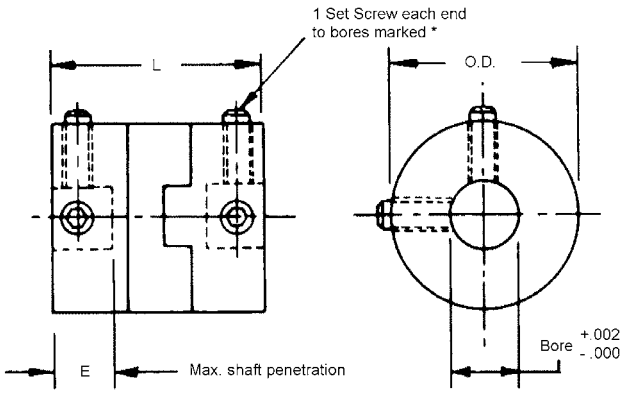
OLDHAM COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .2500	PIN HUB	BRASS HUB ACETAL CENTER BLOCK

STOCK NO.	BORE TO BORE		E	O.D.	L	RATED WORKING TORQUE Oz. In.	ANGULAR	PARALLEL
CO31-B	SOLID	SOLID	-					
CO31-1	.1200	.1250						
CO31-2	.1250	.1250	.15	.37	1/2	64	1/2º	.05
CO31-3	.1562	.1562						
CO31-4	.1875	.1875						
CO32-B	SOLID	SOLID	-					
CO32-1	.1250	.1250						
CO32-2	.1562	.1562	.17	.50	5/8	120	3/4º	.06
CO32-3	.1875	.1875						
CO32-4	.2500	.2500						

BORE	STYLE	MATERIAL
.1875 TO .6250	PIN HUB	ALUMINUM HUB ACETAL CENTER BLOCK

STOCK NO.	BORE TO BORE		E	O.D.	L	RATED WORKING TORQUE Oz. In.	ANGULAR	PARALLEL
CO33-B	SOLID	SOLID	-					
CO33-1	.1875	.1875						
CO33-2	.2500	.2500	.25	.75	7/8	334	3/4º	.09
CO33-3	.3125	.3125						
CO34-B	SOLID	SOLID	-					
CO34-1	.2500	.2500						
CO34-2	.3125	.3125	.34	1	1-1/8	640	1º	.12
CO34-3	.3750	.3750						
CO34-4	.4375	.4375						
CO60-B	SOLID	SOLID	-					
CO60-1	.3125	.3125						
CO60-2	.3750	.3750	.51	1.31	1.91	2200	1-1/4º	.16
CO60-3	.5000	.5000						
CO35-B	SOLID	SOLID	-					
CO35-1	.3750	.3750						
CO35-2	.4375	.4375	.66	1.62	2.00	3200	1-1/4º	.20
CO35-3	.5000	.5000						
CO35-4	.6250	.6250						



Blank hubs, set screw hubs, and clamp hubs are interchangeable within the same series, special combinations will be assembled to order.

- Simple construction
- * No backlash
- Corrosion resistant
- Reduces vibration
- Electrical Isolation
- No lubrication required

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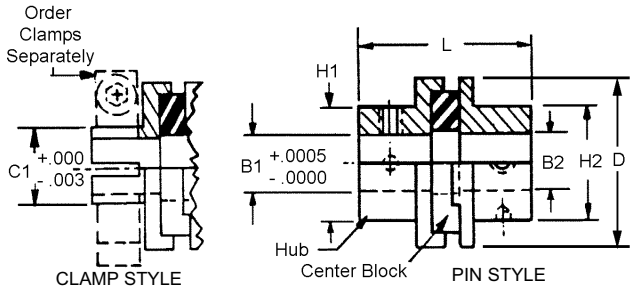
OLDHAM COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .2498	CLAMP	303 STAINLESS STEEL HUBS CENTER BLOCK: U = POLYURETHANE B = BRONZE OR N = NYLON



See previous pages for Stock Nos. and descriptions for Pin Hub Oldham Couplings.

STOCK NO.	B1	B2	D	C1	C2	L	TORQUE Oz. In.
CO6-8-B CO6-8-N	.1200	.1248	5/8	3/16	3/16	27/32	90 28
CO6-1-U CO6-1-B CO6-1-N	.1248	.1248	5/8	3/16	3/16	27/32	20 90 28
CO6-5-U CO6-5-B CO6-5-N	.1248	.1873	5/8	3/16	1/4	27/32	20 90 28
CO6-6-U CO6-6-B CO6-6-N	.1248	.2498	5/8	3/16	51/6	27/32	20 90 28
CO6-2-U CO6-2-B CO6-2-N	.1873	.1873	5/8	1/4	1/4	27/32	80 360 112
CO6-7-U CO6-7-B CO6-7-N	.1873	.2498	5/8	1/4	5/16	27/32	80 360 112
CO6-3-U CO6-3-B CO6-3-N	.2498	.2498	5/8	5/16	5/16	27/32	80 360 112

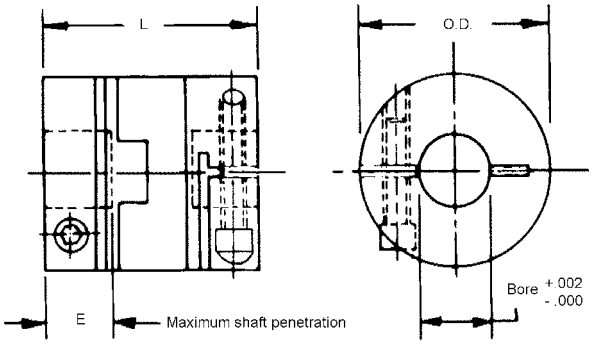
* Limiting factor is strength of hub-to-shaft connection.

- Shaft to shaft misalignment .010 maximum
- Angular misalignment 1° maximum
- Maximum backlash 10 minutes

OLDHAM COUPLINGS

BORE	STYLE	MATERIAL
.1875 TO .6250	CLAMP HUB	ALUMINUM HUB ACETAL CENTER BLOCK

STOCK NO.	BORE TO BORE		E	O.D.	L	RATED WORKING TORQUE Oz. In.	ANGULAR	PARALLEL
CO33-1C CO33-2C	.1875 .2500	.1875 .2500	.25	.75	7/8	334	3/4º	.09
CO34-1C CO34-2C CO34-3C	.2500 .3125 .3750	.2500 .3125 .3750	.34	1	1-1/8	640	1º	.12
CO60-1C CO60-2C CO60-3C	.3125 .3750 .5000	.3125 .3750 .5000	.51	1.31	1.91	2200	1-1/4º	.16
CO35-1C CO35-2C CO35-3C CO35-4C	.3750 .4375 .5000 .6250	.3750 .4375 .5000 .6250	.66	1.62	2.00	3200	1-1/4º	.20



- Simple construction
- * No backlash
- Corrosion resistant
- Reduces vibration
- Electrical Isolation
- No lubrication required

Blank hubs, set screw hubs, and clamp hubs are interchangeable within the same series, special combinations will be assembled to order.

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UNIVERSAL LATERAL COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .3750	PIN HUB	DELRIN OUTER RING BRASS HUBS

STOCK NO.	B1 +.002 +.000	B2 +.002 +.000	D1	D2	E1	E2	L	WORKING TORQUE Oz. In.	A
CO26-1	.1200	.1250	.35	.35	.16	.16	.56		
CO26-2	.1250	.1250	.35	.35	.16	.16	.56		
CO26-3	.1250	.1575	.35	.35	.16	.16	.56		
CO26-4	.1250	.1875	.35	.35	.16	.16	.56		
CO26-7	.1250	.2500	.35	.44	.16	.26	.66	38	
CO26-5	.1575	.1575	.35	.35	.16	.16	.56		23/32
CO26-8	.1575	.2500	.35	.44	.16	.26	.66		
CO26-6	.1875	.1875	.35	.35	.16	.16	.56		
CO26-9	.1875	.2500	.35	.44	.16	.26	.66		
CO26-10	.2500	.2500	.44	.44	.26	.26	.75		
CO23-1	.1250	.1250	.50	.50	.19	.19	.75	222	
CO23-2	.1250	.1875	.50	.50	.19	.19	.75	222	
CO23-3	.1250	.2500	.50	.50	.19	.19	.75	222	
CO23-8	.1575	.1575	.50	.50	.19	.19	.75	222	
CO23-4	.1875	.1875	.50	.50	.19	.19	.75	222	
CO23-5	.1875	.2500	.50	.50	.19	.19	.75	222	
CO23-10	.1875	.3750	.50	.59	.19	.31	.88	122	1-1/16
CO23-6	.2500	.2500	.50	.50	.19	.19	.75	222	
CO23-9**	.2500	.3125	.50	.50	.19	.19	.75	222	
CO23-11**	.2500	.3750	.50	.59	.19	.31	.88	122	
CO23-7**	.3125	.3125	.50	.50	.19	.19	.75	222	
CO23-12**	.3125	.3750	.50	.59	.19	.31	.88	122	
CO23-13**	.3750	.3750	.59	.59	.31	.31	1.00	122	

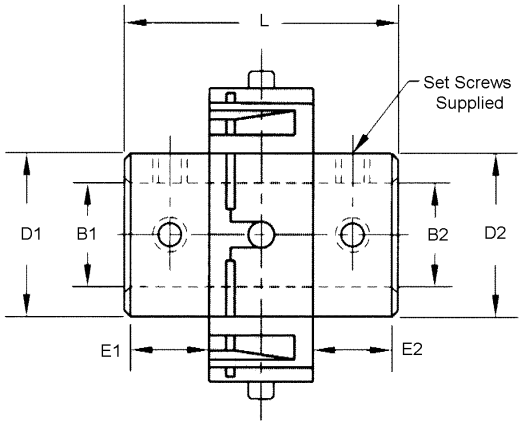
- Zero backlash
- Offers simultaneous lateral & angular misalignment
- Corrosion resistant
- No lubrication required
- Resonance damping
- Low inertia
- Shafts can pass through for easy installation
- Maximum operating temperature 185ºF
- Misalignment (**)
  Angular 10º maximum
  Lateral .050 maximum

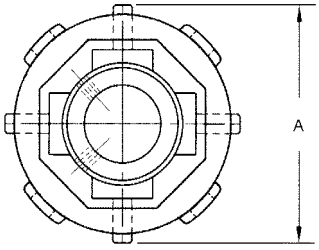
**Misalignment: Angular 5º maximum, Lateral .025 maximum.

BORE	STYLE	MATERIAL
.2500 TO .6250	PIN HUB	DELRIN OUTER RING ALUMINUM HUBS

STOCK NO.	B1 +.002 +.000	B2 +.002 +.000	D1	D2	E1	E2	L	WORKING TORQUE Oz. In.	A
CO25X-1	.2500	.2500	.69	.69	.30	.30	.99		
CO25X-2	.2500	.3750	.69	.69	.30	.30	.99		
CO25X-3	.3750	.3750	.69	.69	.30	.30	.99	444	1-21/64
CO25X-4	.3750	.5000	.69	.79	.30	.40	1.10		
CO25X-5	.5000	.5000	.79	.79	.40	.40	1.21		
CO25-1	.2500	.2500	.87	.87	.30	.30	1.12		
CO25-2	.2500	.3125	.87	.87	.30	.30	1.12		
CO25-3	.2500	.3750	.87	.87	.30	.30	1.12		
CO25-8	.2500	.5000	.87	.87	.30	.30	1.12		
CO25-4	.3125	.3125	.87	.87	.30	.30	1.12	607	1-5/8
CO25-9	.3125	.5000	.87	.87	.30	.30	1.12		
CO25-5	.3750	.3750	.87	.87	.30	.30	1.12		
CO25-6	.3750	.5000	.87	.87	.30	.30	1.12		
CO25-7	.5000	.5000	.87	.87	.30	.30	1.12		
CO25-10	.6250	.6250	.95	.95	.49	.49	1.50		

- Zero backlash
- Offers simultaneous lateral & angular misalignment
- Corrosion resistant
- No lubrication required
- Resonance damping
- Low inertia
- Shafts can pass through for easy installation
- Maximum operating temperature 185ºF
- Misalignment
  Angular 10º maximum
  Lateral .050 maximum





UNIVERSAL LATERAL COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .3750	CLAMP	DELRIN OUTER RING BRASS HUBS

STOCK NO.	B1 +.002 -.000	B2 +.002 -.000	D	E	L	MAXIMUM WORKING TORQUE Oz. In.	OUTSIDE DIA.
CO27-1	.1200	.1250	.75	.26	.75	38	3/4
CO27-2	.1250	.1250					
CO27-3	.1250	.2500					
CO27-4	.1575	.1575					
CO27-5	.1875	.1875					
CO27-6	.2500	.2500					
CO28-1	.1575	.1575	1.00	.31	1.00	222	1-1/16
CO28-2	.1875	.1875				222	
CO28-3	.2500	.2500				222	
CO28-4**	.2500	.3750				122	
CO28-5**	.3125	.3125				222	
CO28-6**	.3750	.3750				122	

- Low inertia
- Resonance damping
- Electrically insulated
- Zero backlash
- Offers simultaneous lateral & angular misalignment
- Corrosion resistant
- No lubrication required
- Shafts can pass through for easy installation
- Maximum operating temperature 185ºF
- Misalignment (**)
  Angular 10º maximum
  Lateral .050 maximum

**Misalignment: Angular 5º maximum, Lateral .025 maximum.

Additional sizes and bore combinations available on request.

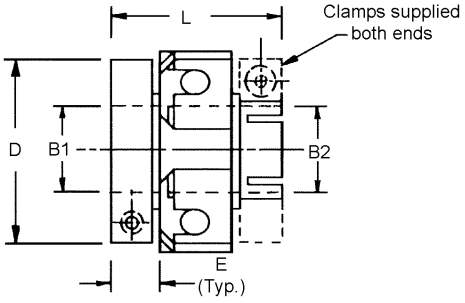
BORE	STYLE	MATERIAL
.2500 TO .5000	CLAMP	DELRIN OUTER RING ALUMINUM HUBS

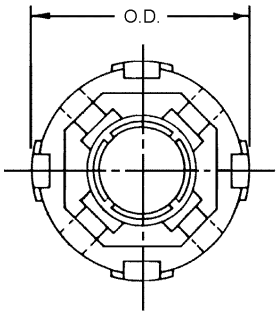
STOCK NO.	B1 +.002 -.000	B2 +.002 -.000	D	E	L	MAXIMUM WORKING TORQUE Oz. In.	OUTSIDE DIA.
CO29X-1	.2500	.2500	.79	.40	1.21	444	1 21/64
CO29X-2	.2500	.3750					
CO29X-3	.3750	.3750					
CO29-1*	.2500	.2500	.95	.49	1.50	607	1 5/8
CO29-2*	.2500	.5000					
CO29-3*	.3125	.3125					
CO29-4*	.3125	.5000					
CO29-5*	.3750	.3750					
CO29-6*	.3750	.5000					
CO29-7*	.5000	.5000					

- Low inertia
- Resonance damping
- Electrically insulated
- Zero backlash
- Offers simultaneous lateral & angular misalignment
- Corrosion resistant
- No lubrication required
- Shafts can pass through for easy installation
- Maximum operating temperature 185ºF
- Misalignment
  Angular 10º maximum
  Lateral .050 maximum

*Clamp hub is integral to hub on CO29 series.

Additional sizes and bore combinations available on request.





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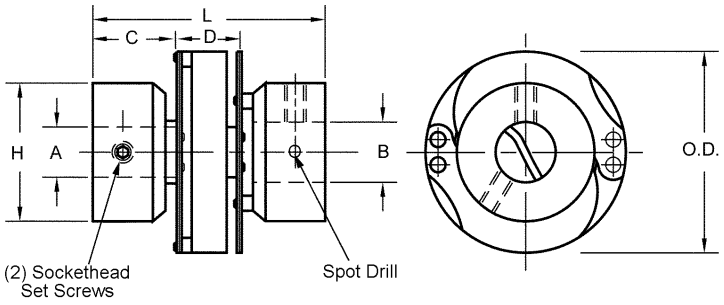
WAFER SPRING COUPLINGS

BORES	STYLE	MATERIAL
.1200 TO .5000	PIN HUB	HUB AND CENTER BLOCK: ALUMINUM LEAVES: BERYLLIUM COPPER



STOCK NO.	A +.0010	B +.0010	L	H	C	D	MAX. WORKING OUTSIDE DIA.	MAX. TORQUE (IN.OZ)	MAX. PARALLEL MISALIGNMENT	ANGULAR MISALIGNMENT
CO20-1P	.1200	.1250	.94	.56	.33	.28	.75	165	.018	8º
CO20-2P	.1200	.1562								
CO20-3P	.1200	.1875								
CO20-4P	.1200	.2500								
CO20-5P	.1250	.1250								
CO20-6P	.1250	.1562								
CO20-7P	.1250	.1875								
CO20-8P	.1250	.2500								
CO20-9P	.1562	.1562								
CO20-10P	.1562	.1875								
CO20-11P	.1562	.2500								
CO20-12P	.1875	.1875								
CO20-13P	.1875	.2500								
CO20-14P	.2500	.2500								
CO20-22P	.1875	.1875	1.21	.75	.44	.33	1.00	225	.020	
CO20-23P	.1875	.2500								
CO20-24P	.2500	.2500								
CO20-25P	.2500	.3125								
CO20-26P	.3125	.3125								
CO20-15P	.2500	.3125	1.82	1.00	.66	.50	1.50	440	.030	
CO20-16P	.2500	.3750								
CO20-17P	.3125	.3125								
CO20-18P	.3125	.3750								
CO20-19P	.3750	.3750								
CO20-20P	.3750	.5000								
CO20-21P	.5000	.5000								

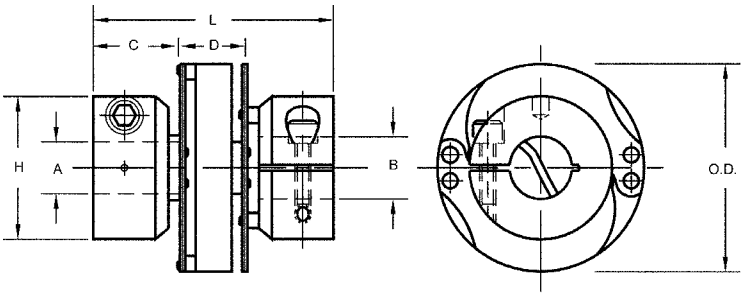
TECHNICAL SPECIFICATIONS	3/4 O.D.	1 O.D.	1 1/2 O.D.
Maximum Lateral Deflection	.018	.020	.030
Moment of inertia (oz.in^2)	0.19	.66	.630
Torque (oz.in)	165	225	44
Weight (oz)	.22	.56	1.60

- Zero backlash
- 8º maximum angular misalignment
- 10,000 RPM maximum

Torque ratings are based on maximum lateral angular and axial misalignment combined.

WAFER SPRING COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO .5000	CLAMP	HUB AND CENTER BLOCK: ALUMINUM LEAVES: BERYLLIUM COPPER



STOCK NO.	A +.0010	B +.0010	L	H	C	D	MAX. WORKING OUTSIDE DIA.	MAX. TORQUE (IN.OZ)	MAX. PARALLEL MISALIGNMENT	ANGULAR MISALIGNMENT
CO20-1	.1200	.1250								
CO20-2	.1200	.1562								
CO20-3	.1200	.1875								
CO20-4	.1200	.2500								
CO20-5	.1250	.1250								
CO20-6	.1250	.1562								
CO20-7	.1250	.1875	.88	.56	.30	.28	.75	165	.018	
CO20-8	.1250	.2500								
CO20-9	.1562	.1562								
CO20-10	.1562	.1875								
CO20-11	.1562	.2500								
CO20-12	.1875	.1875								
CO20-13	.1875	.2500								
CO20-14	.2500	.2500								8º
CO20-22	.1875	.1875								
CO20-23	.1875	.2500								
CO20-24	.2500	.2500	1.21	.75	.44	.33	1.00	225	.020	
CO20-25	.2500	.3125								
CO20-26	.3125	.3125								
CO20-15	.2500	.3125								
CO20-16	.2500	.3750								
CO20-17	.3125	.3125								
CO20-18	.3125	.3750	1.82	1.00	.66	.50	1.50	440	.030	
CO20-19	.3750	.3750								
CO20-20	.3750	.5000								
CO20-21	.5000	.5000								

TECHNICAL SPECIFICATIONS	3/4 O.D.	1 O.D.	1 1/2 O.D.
Maximum Lateral Deflection	.018	.020	.030
Moment of inertia (oz.in^2)	0.19	.66	.630
Torque (oz.in)	165	225	44
Weight (oz)	.22	.56	1.60

- Zero backlash
- 8º maximum angular misalignment
- 10,000 RPM maximum

Torque ratings are based on maximum lateral angular and axial misalignment combined.

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DISC COUPLINGS

Ratings and Mass Data for disc couplings CTCC, CTCA, CTCB and CTCBC

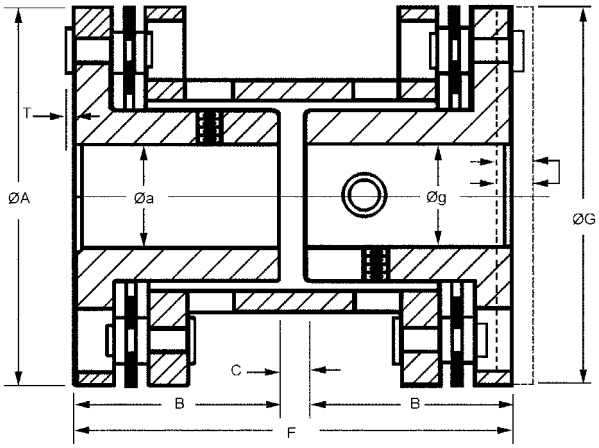
SIZE NO.	MAX. RPM	APPROX. WEIGHT (OZ.)	APPROX. WR (OZ. IN.^{2})	TORSIONAL RIGIDITY (K) (MILLIRADIANS PER OZ. IN.)	MAX. ANGULAR MISALIGNMENT, CONTINUOUS PER FLEXING ELEMENT	MAX. PARALLEL MISALIGNMENT, CONTINUOUS IN.	END FLOAT [2] IN.	TORQUE CAPACITY (lb-in)
12	150,000	.09	.0026	.148	2°	.015	±.016	1.1
18	100,000	.29	.0177	.0908	2°	.015	±.016.	2.2
25	80,000	.74	.0799	.03700	2°	.028	±.031	4.7
37	55,000	2.02	.474	.00554	1.5°	.028	±.031	19.0
50	45,000	4.02	1.418	.00362	1°	.028	±.031	75.0
62	35,000	9.36	4.99	.00139	.67°	.028	±.031	300.0
75	30,000	11.57	8.61	.00089	.67°	.028	±.031	440.0
100	25,000	20.00	23.00	.00066	.50°	.020	±.031	700.0

• Size number determination
Example: CTCC _ _ -
CTCB _ _ -
SIZE NO.

CTCC: Both hubs inside
CTCA: One hub inside
CTCB: Both hubs out
CTCBC: Same as CB but Clamp style

DISC COUPLINGS

BORE	STYLE	MATERIAL
.0781 TO 1.005	CTCC PIN HUB	ANODIZED ALUMINUM HUBS AND CENTER, RIVETS AND WASHERS - BRASS DISCS STAINLESS STEEL



STOCK NO.	Øa ±.0005	Øg ±.0005	ØA	ØG	B	C	F	T	TORQUE CAPACITY (LB.-IN.)
CTCC12-1	.0781	.0781	1/2	1/2	1/4	1/32	17/32	.018	1.1
CTCC12-2	.0937	.0937	1/2	1/2	1/4	1/32	17/32	.018	1.1
CTCC12-3	.1200	.1200	1/2	1/2	1/4	1/32	17/32	.018	1.1
CTCC12-4	.1250	.1250	1/2	1/2	1/4	1/32	17/32	.018	1.1
CTCC18-1	.0937	.0937	3/4	3/4	3/8	1/16	13/16	.023	2.2
CTCC18-2	.1200	.1200	3/4	3/4	3/8	1/16	13/16	.023	2.2
CTCC18-3	.1250	.1250	3/4	3/4	3/8	1/16	13/16	.023	2.2
CTCC18-4	.1562	.1562	3/4	3/4	3/8	1/16	13/16	.023	2.2
CTCC18-5	.1875	.1875	3/4	3/4	3/8	1/16	13/16	.023	2.2
CTCC25-1	.1255	.1255	1	1	1/2	1/16	1 1/16	.025	4.7
CTCC25-2	.1880	.1880	1	1	1/2	1/16	1 1/16	.025	4.7
CTCC25-3	.2505	.2505	1	1	1/2	1/16	1 1/16	.025	4.7
CTCC37-1	.1255	.1255	1 7/16	1 7/16	11/16	1/8	1 1/2	.035	19.0
CTCC37-2	.1880	.1880	1 7/16	1 7/16	11/16	1/8	1 1/2	.035	19.0
CTCC37-3	.2505	.2505	1 7/16	1 7116	11/16	1/8	1 1/2	.035	19.0
CTCC37-4	.3130	.3130	1 7/16	1 7/16	11116	118	1 1/2	.035	19.0
CTCC37-5	.3755	.3755	1 7/16	1 7/16	11/16	1/8	1 1/2	.035	19.0
CTCC50-1	.2505	.2505	1 7/16	1 7/16	15/16	1/8	2	.045	75.0
CTCC50-2	.3130	.3130	1 3/4	1 3/4	15/16	1/8	2	.045	75.0
CTCC50-3	.3755	.3755	1 3/4	1 3/4	15/16	1/8	2	.045	75.0
CTCC50-4	.4380	.4380	1 3/4	1 3/4	15/16	1/8	2	.045	75.0
CTCC50-5	.5005	.5005	1 3/4	1 3/4	15/16	1/8	2	.045	75.0
CTCC62-1	.3755	.3755	1 3/4	1 3/4	1 1/16	1/8	2 1/4	.060	300.0
CTCC62-2	.4380	.4380	2 1/4	2 1/4	1 1/16	1/8	2 1/4	.060	300.0
CTCC62-3	.5005	.5005	2 1/4	2 1/4	1 1/16	1/8	2 1/4	.060	300.0
CTCC62-4	.6255	.6255	2 1/4	2 1/4	1 1/16	1/8	2 1/4	.060	300.0
CTCC75-1	.4380	.4380	2 1/4	2 1/4	1 3/16	1/8	2 1/2	.060	440.0
CTCC75-2	.5005	.5005	2 1/2	2 1/2	1 3/16	1/8	2 1/2	.060	440.0
CTCC75-3	.6255	.6255	2 1/2	2 1/2	1 3/16	1/8	2 1/2	.060	440.0
CTCC75-4	.7505	.7505	2 1/2	2 1/2	1 3/16	1/8	2 1/2	.060	440.0
CTCC100-1	.6255	.6255	2 1/2	2 1/2	1 3/8	1/4	3	.060	700.0
CTCC100-2	.7505	.7505	3	3	1 3/8	1/4	3	.060	700.0
CTCC100-3	.8755	.8755	3	3	1 3/8	1/4	3	.060	700.0
CTCC100-4	1.0050	1.0050	3	3	1 3/8	1/4	3	.060	700.0

Torque capacities are based on smooth drives with moderate torque fluctuations. Reduce ratings 1/3 the value shown for severe applications such as indexing drives where torque reversals occur.

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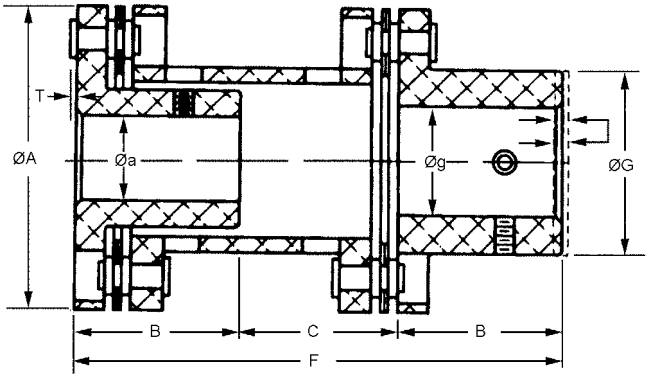
DISC COUPLINGS

BORE	STYLE	MATERIAL
.0781 TO 1.2505	PIN HUB	ANODIZED ALUMINUM HUBS AND CENTER, RIVETS AND WASHERS - BRASS DISCS STAINLESS STEEL

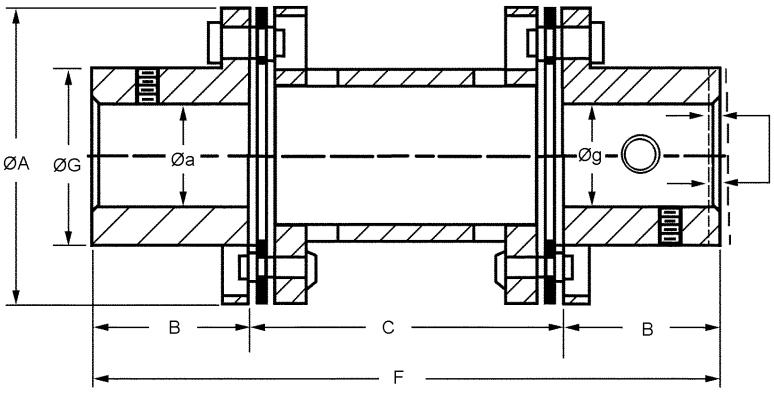


STOCK NO.	Øa ±.0005	Øg ±.0005	ØA	ØG	B	C	F	T	TORQUE CAPACITY (LB.-IN.)
CTCA12-1	.0781	.1200	1/2	5/16	1/4	15/64	47/64	.018	1.1
CTCA12-2	.0937	.1250	1/2	5/16	1/4	15/64	47/64	.018	1.1
CTCA12-3	.1200	.1562	1/2	5/16	1/4	15/64	47/64	.018	1.1
CTCA12-4	.1250	.1875	1/2	5/16	1/4	15/64	47/64	.018	1.1
CTCA18-1	.0937	.1250	3/4	15/32	3/8	3/8	1 1/8	.023	2.2
CTCA18-2	.1200	.1562	3/4	15/32	3/8	3/8	1 1/8	.023	2.2
CTCA18-3	.1250	.1875	3/4	15/32	3/8	3/8	1 1/8	.023	2.2
CTCA18-4	.1562	.2500	3/4	15/32	3/8	3/8	1 1/8	.023	2.2
CTCA18-5	.1875	.2500	3/4	15/32	3/8	3/8	1 1/8	.023	2.2
CTCA25-1	.1255	.1255	1	5/8	1/2	15/32	1 15/32	.025	4.7
CTCA25-2	.1880	.1880	1	5/8	1/2	15/32	1 15/32	.025	4.7
CTCA25-3	.2505	.2505	1	5/8	1/2	15/32	1 15/32	.025	4.7
CTCA25-4	.2505	.3130	1	5/8	1/2	15/32	1 15/32	.025	4.7
CTCA25-5	.2505	.3755	1	5/8	1/2	15/32	1 15/32	.025	4.7
CTCA37-1	.1255	.1880	1 7/16	7/8	11/16	11/16	2 1/16	.035	19.0
CTCA37-2	.1880	.2505	1 7/16	7/8	11/16	11/16	2 1/16	.035	19.0
CTCA37-3	.2505	.3130	1 7/16	7/8	11/16	11/16	2 1/16	.035	19.0
CTCA37-4	.3130	.3755	1 7/16	7/8	11/16	11/16	2 1/16	.035	19.0
CTCA37-5	.3755	.4380	1 7/16	7/8	11/16	11/16	2 1/16	.035	19.0
CTCA37-6	.3755	.5005	1 7/16	7/8	11/16	11/16	2 1/16	.035	19.0
CTCA50-1	.2505	.2505	1 3/4	1 1/16	15/16	29/32	2 25/32	.045	75.0
CTCA50-2	.3130	.3130	1 3/4	1 1/16	15/16	29/32	2 25/32	.045	75.0
CTCA50-3	.3755	.3755	1 3/4	1 1/16	15/16	29/32	2 25/32	.045	75.0
CTCA50-4	.4380	.4380	1 3/4	1 1/16	15/16	29/32	2 25/32	.045	75.0
CTCA50-5	.5005	.5005	1 3/4	1 1/16	15/16	29/32	2 25/32	.045	75.0
CTCA50-6	.5005	.6255	1 3/4	1 1/16	15/16	29/32	2 25/32	.045	75.0
CTCA62-1	.3755	.4380	2 1/4	1 3/8	1 1/16	1	3 1/8	.060	300.0
CTCA62-2	.4380	.5005	2 1/4	1 3/8	1 1/16	1	3 1/8	.060	300.0
CTCA62-3	.5005	.6255	2 1/4	1 3/8	1 1/16	1	3 1/8	.060	300.0
CTCA62-4	.6255	.7505	2 1/4	1 3/8	1 1/16	1	3 1/8	.060	300.0
CTCA75-1	.4380	.5005	2 1/2	1 5/8	1 3/16	1 1/8	3 1/2	.060	440.0
CTCA75-2	.5005	.6255	2 1/2	1 5/8	1 3/16	1 1/8	3 1/2	.060	440.0
CTCA75-3	.6255	.7505	2 1/2	1 5/8	1 3/16	1 1/8	3 1/2	.060	440.0
CTCA75-4	.7505	.8755	2 1/2	1 5/8	1 3/16	1 1/8	3 1/2	.060	440.0
CTCA75-5	.7505	1.0005	2 1/2	1 5/8	1 3/16	1 1/8	3 1/2	.060	440.0
CTCA100-1	.6255	.7505	3	1 7/8	1 3/8	1 3/8	4 1/8	.060	700.0
CTCA100-2	.7505	.8755	3	1 7/8	1 3/8	1 3/8	4 1/8	.060	700.0
CTCA100-3	.8755	1.0005	3	1 7/8	1 3/8	1 3/8	4 1/8	.060	700.0
CTCA100-4	1.0050	1.1255	3	1 7/8	1 3/8	1 3/8	4 1/8	.060	700.0
CTCA100-5	1.0050	1.2505	3	1 7/8	1 3/8	1 3/8	4 1/8	.060	700.0

Torque capacities are based on smooth drives with moderate torque fluctuations. Reduce ratings 1/3 the value shown for severe applications such as indexing drives where torque reversals occur.

DISC COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO 1.2505	CTCB PIN HUB	ANODIZED ALUMINUM HUBS AND CENTER, RIVETS AND WASHERS - BRASS DISCS STAINLESS STEEL



STOCK NO.	Øa and Øg +.0005 -.0005	ØA	ØG	B	C	F	TORQUE CAPACITY (Lb. In.)
CTCB12-1	.1200	1/2	5116	1/4	7/16	15/16	1.1
CTCB12-2	.1250	1/2	5/16	1/4	7/16	15/16	1.1
CTCB12-3	.1562	1/2	5/16	1/4	7/16	15/16	1.1
CTCB12-4	.1875	1/2	5/16	1/4	7/16	15/16	1.1
CTCB18-1	.1250	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCB18-2	.1562	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCB18-3	.1875	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCB18-4	.2500	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCB25-1	.1255	1	5/8	1/2	7/8	1 7/8	4.7
CTCB25-2	.1880	1	5/8	1/2	7/8	1 7/8	4.7
CTCB25-3	.2505	1	5/8	1/2	7/8	1 7/8	4.7
CTCB25-4	.3130	1	5/8	1/2	7/8	1 7/8	4.7
CTCB25-5	.3755	1	5/8	1/2	7/8	1 7/8	4.7
CTCB37-1	.1880	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCB37-2	.2505	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCB37-3	.3130	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCB37-4	.3755	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCB37-5	.4380	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCB37-6	.5005	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCB50-1	.2505	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCB50-2	.3130	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCB50-3	.3755	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCB50-4	.4380	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCB50-5	.5005	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCB50-6	.6255	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCB62-1	.4380	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCB62-2	.5005	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCB62-3	.6255	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCB62-4	.7505	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCB75-1	.5005	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCB75-2	.6255	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCB75-3	.7505	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCB75-4	.8755	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCB75-5	1.0005	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCB100-1	.7505	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCB100-2	.8755	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCB100-3	1.0005	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCB100-4	1.1255	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCB100-5	1.2505	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0

Torque capacities are based on smooth drives with moderate torque fluctuations. Reduce ratings 1/3 the value shown for severe applications such as indexing drives where torque reversals occur.

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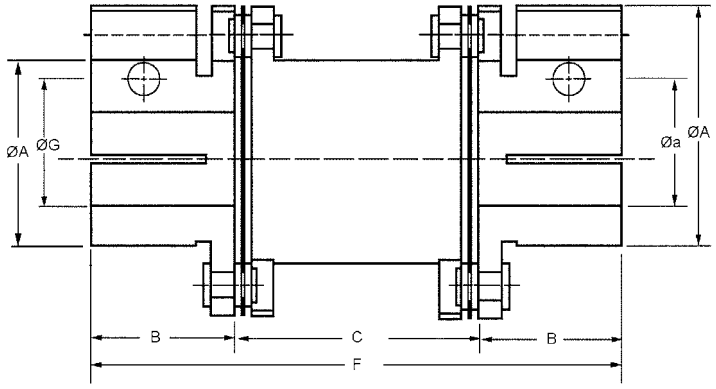
DISC COUPLINGS

BORE	STYLE	MATERIAL
.1200 TO 1.2505	CTCBC CLAMP	ANODIZED ALUMINUM HUBS AND CENTER, RIVETS AND WASHERS - BRASS DISCS STAINLESS STEEL

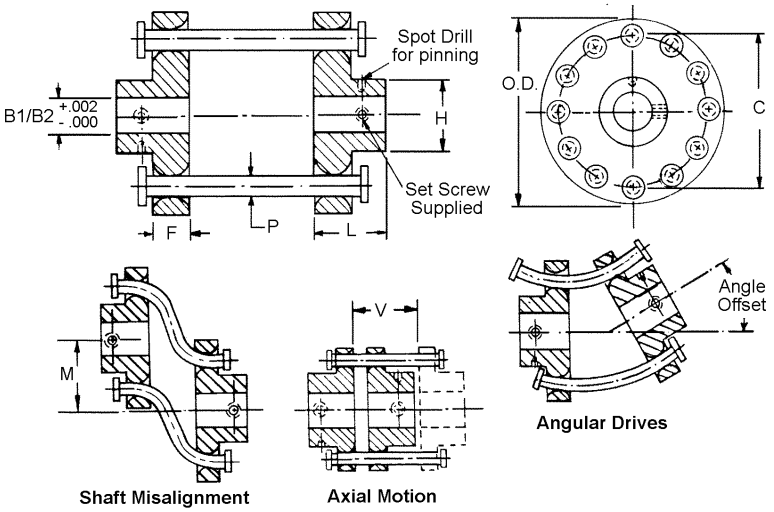


STOCK NO.	Øa and Øg +.0005 -.0005	ØA	ØG	B	C	F	TORQUE CAPACITY (Lb. In.)
CTCBC12-1	.1200	1/2	5116	1/4	7/16	15/16	1.1
CTCBC12-2	.1250	1/2	5/16	1/4	7/16	15/16	1.1
CTCBC12-3	.1562	1/2	5/16	1/4	7/16	15/16	1.1
CTCBC12-4	.1875	1/2	5/16	1/4	7/16	15/16	1.1
CTCBC18-1	.1250	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCBC18-2	.1562	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCBC18-3	.1875	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCBC18-4	.2500	3/4	15/32	3/8	11/16	1 7/16	2.2
CTCBC25-1	.1255	1	5/8	1/2	7/8	1 7/8	4.7
CTCBC25-2	.1880	1	5/8	1/2	7/8	1 7/8	4.7
CTCBC25-3	.2505	1	5/8	1/2	7/8	1 7/8	4.7
CTCBC25-4	.3130	1	5/8	1/2	7/8	1 7/8	4.7
CTCBC25-5	.3755	1	5/8	1/2	7/8	1 7/8	4.7
CTCBC37-1	.1880	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCBC37-2	.2505	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCBC37-3	.3130	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCBC37-4	.3755	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCBC37-5	.4380	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCBC37-6	.5005	1 7/16	7/8	11/16	1 1/4	2 5/8	19.0
CTCBC50-1	.2505	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCBC50-2	.3130	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCBC50-3	.3755	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCBC50-4	.4380	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCBC50-5	.5005	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCBC50-6	.6255	1 3/4	1 1/16	15/16	1 11/16	3 9/16	75.0
CTCBC62-1	.4380	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCBC62-2	.5005	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCBC62-3	.6255	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCBC62-4	.7505	2 1/4	1 3/8	1 1/16	1 7/8	4	300.0
CTCBC75-1	.5005	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCBC75-2	.6255	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCBC75-3	.7505	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCBC75-4	.8755	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCBC75-5	1.0005	2 1/2	1 5/8	1 3/16	2 1/8	4 1/2	440.0
CTCBC100-1	.7505	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCBC100-2	.8755	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCBC100-3	1.0005	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCBC100-4	1.1255	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0
CTCBC100-5	1.2505	3	1 7/8	1 3/8	2 1/2	5 1/4	700.0

Torque capacities are based on smooth drives with moderate torque fluctuations. Reduce ratings 1/3 the value shown for severe applications such as indexing drives where torque reversals occur.

FLEX-THANE COUPLINGS

BORE	MATERIAL
1/8” TO 1/2”	PINS: POLYURETHANE HUBS: 2024-T4 ANODIZED ALUMINUM



STOCK NO.	B1	B2	P	H	L	F	O.D.	C	M MAX.	V MAX.	MAX. TORQUE LB.-IN.	MAX. ANGLE OFFSET
CC5-10-L	1/8	1/8	1/16	5/16	5/16	1/8	.687	9/16	1/16	9/64	25	
CC5-19-L	3/16	3/16	1/8	3/8	11/32	1/8	1.000	3/4	1/8	3/16	35	
CC5-28-L	1/4	1/4	1/8	1/2	7/16	3/16	1.250	1	1/4	1/4	50	10º
CC5-32-L	5/16	5/16	3/16	1/2	7/16	3/16	1.500	1 1/8	7/32	5/16	60	
CC5-35-L	3/8	3/8	1/4	3/4	3/4	3/8	2.000	1 1/2	5/32	3/8	100	
CC5-37-L	1/2	1/2	5/16	1	7/8	3/8	2.500	1 7/8	1/8	1/2	200	
CC5-10-A	1/8	1/8	1/16	5/16	5/16	1/8	.687	9/16	1/2	7/16	25	
CC5-19-A	3/16	3/16	1/8	3/8	11/32	1/8	1.000	3/4	5/8	5/8	35	
CC5-28-A	1/4	1/4	1/8	1/2	7/16	3/16	1.250	1	3/4	7/8	50	30º
CC5-32-A	5/16	5/16	3/16	1/2	7/16	3/16	1.500	1 1/8	7/8	1 1/8	60	
CC5-35-A	3/8	3/8	1/4	3/4	3/4	3/8	2.000	1 1/2	1	1 3/8	100	
CC5-37-A	1/2	1/2	5/16	1	7/8	3/8	2.500	1 7/8	1 1/4	2	200	

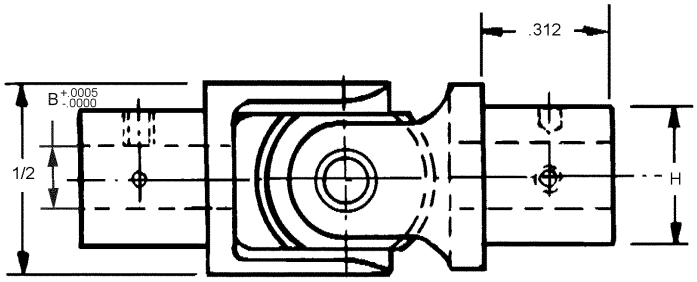
- Can drive shafts to 1 1/4” out of line
- Runs at angles to 30º
- Silent running operation
- Maintenance free
- Long life
- Absorbs start up shock

Central internal chamber diameter may be smaller than bore in some cases.

G

UNIVERSAL JOINTS

BORE	STYLE	MATERIAL
1/8” TO 3/16”	PIN HUB	303 STAINLESS STEEL

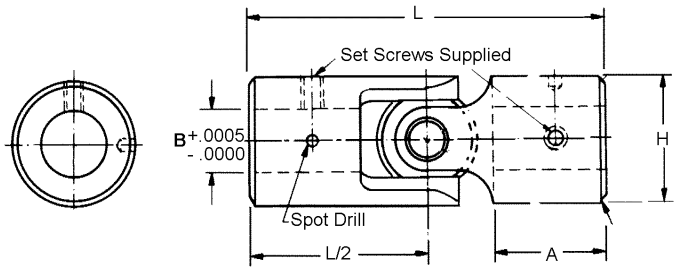


STOCK NO.	SHAFT SIZE	B BORE	H HUB DIA.	L	A BORE LENGTH
UJ-1	1/8	.1248	5/16	1 1/2	.44
UJ-2	3/16	.1873	3/8	1 1/2	.44

- Maximum operating angle 30º at 500 RPM
- Ideal operating angle 10º at 1000 RPM
- Lubrication required at all times

Special bore and bore-to-bore connections available on request.

BORES	STYLE	MATERIAL
1/4” TO 1/2”	PIN HUB	303 STAINLESS STEEL



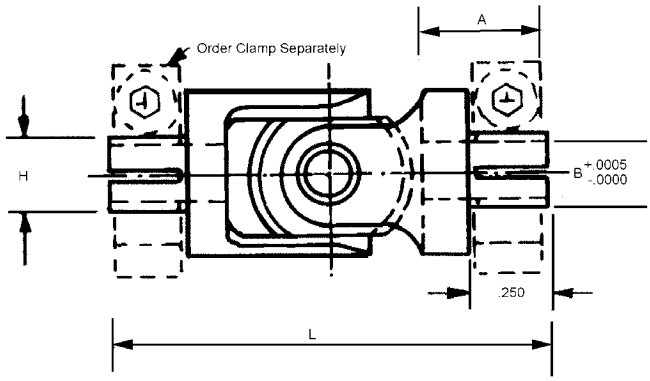
STOCK NO.	SHAFT SIZE	B BORE	H HUB DIA.	L	A BORE LENGTH
UJ-3	1/4	.2498	1/2	1 1/2	.44
UJ-4	5/16	.3123	1/2	1 1/2	.44
UJ-5	3/8	.3748	3/4	2 5/8	.92
UJ-6	1/2	.4998	1	3 3/8	1.17

- Maximum operating angle 30º at 500 RPM
- Ideal operating angle 10º at 1000 RPM
- Lubrication required at all times

Special bore and bore-to-bore connections available on request.

UNIVERSAL JOINTS

BORES	STYLE	MATERIAL
1/8” TO 1/4”	CLAMP	303 STAINLESS STEEL



STOCK NO.	SHAFT SIZE	B BORE	H HUB DIA.	L OVERALL	A BORE LG.	CLAMP (2) ORDER SEPARATELY STOCK NO.
UJ-10	1/8	.1248	3/16	1 3/8	.37	CG1-25
UJ-11	3/16	.1873	1/4	1 3/8	.37	CG1-9
UJ-12	1/4	.2498	5/16	1 3/8	.37	CG1-12

Special bore and bore-to-bore connections available on request.

- Maximum operating angle 30º at 500 RPM
- Ideal operating angle 10º at 1000 RPM
- Lubrication required at all times

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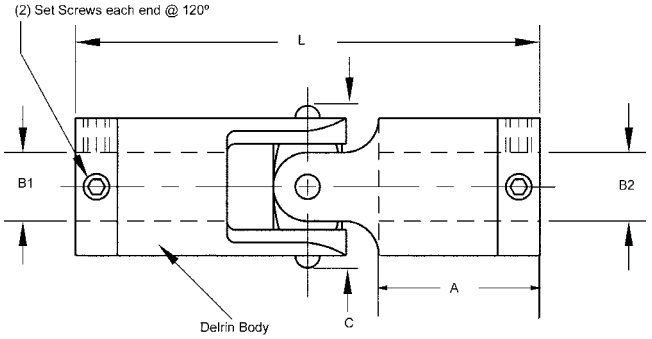
UNIVERSAL JOINTS

BORES	STYLE	MATERIAL
1/8” TO 3/8”	SINGLE JOINT	DELRIN BODY BRASS HUB AND SPIDER



SINGLE JOINT

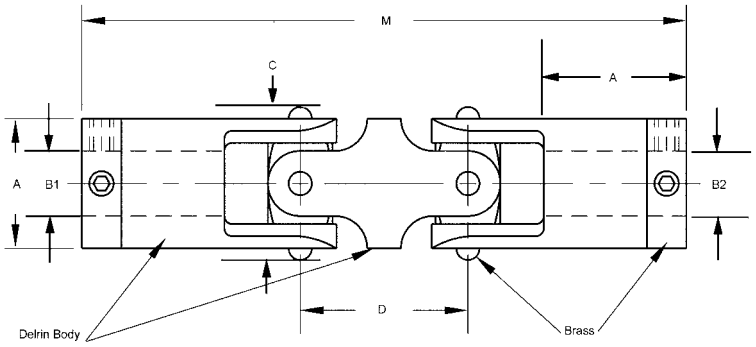
STOCK NO.	+.001 +.000 B1	+.001 +.000 B2	L	A	C	SET SCREW	RATED TORQUE (OZ. IN.)
UJS-9	.1250*	.1250*	1 1/16	1/4	9/32	#4-40	16
UJS-1	.1250*	.1250*					
UJS-2	.1250*	.1875	1 31/64	3/8	7/16	#4-40	55
UJS-3	.1875	.1875					
UJS-4	.1875	.1875					
UJS-5	.1875	.2500	1 13/16	1/2	9/16	#6-32	151
UJS-6	.2500	.2500					
UJS-10	.2500	.2500					
UJS-11	.2500	.3125					
UJS-12	.2500	.3750	2 21/32	5/8	11/16	#8-32	239
UJS-13	.3125	.3125					
UJS-14	.3125	.3750					
UJS-15	.3750	.3750					

- Needs no lubrication
- Can be submersed in water
- Resists corrosion and chemical attack
- Electrically isolates input from output
- Zero backlash
- Lightweight
- Shock absorbent
- Non contaminant
- Temperature Range -40º F to +185º F

* 1 Set screw each end on these bore sizes.

UNIVERSAL JOINTS

BORES	STYLE	MATERIAL
1/8” TO 3/8”	DOUBLE JOINT	DELRIN BODY BRASS HUB ENDS AND SPIDER



DOUBLE JOINT

STOCK NO.	+.001 +.000 B1	+.001 +.000 B2	A	C	D	M	SET SCREW	RATED TORQUE (OZ. IN.)
UJD-9	.1250*	.1250*	1/4	9/32	5/16	1 25/64	#4-40	11
UJD-1	.1250*	.1250*	3/8	7/16	33/64	2	#4-40	23
UJD-2	.1250*	.1875						
UJD-3	.1875	.1875						
UJD-4	.1875	.1875	1/2	9/16	5/8	2 7/16	#6-32	83
UJD-5	.1875	.2500						
UJD-6	.2500	.2500						
UJD-10	.2500	.2500	5/8	11/16	7/8	3 17/32	#8-32	183
UJD-11	.2500	.3125						
UJD-12	.2500	.3750						
UJD-13	.3125	.3125						
UJD-14	.3125	.3750						
UJD-15	.3750	.3750						

- Needs no lubrication
- Can be submersed in water
- Resists corrosion and chemical attack
- Electrically isolates input from output
- Zero backlash
- Lightweight
- Shock absorbent
- Non contaminant
- Temperature Range -40º F to +185º F

* 1 Set screw each end on these bore sizes.

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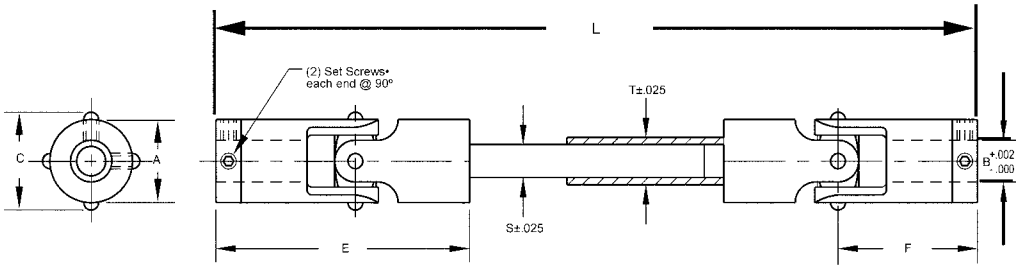
TELESCOPIC UNIVERSAL JOINTS

BORES	MATERIAL
1/8” TO 3/8”	DELRIN BODY BRASS ENDS, SPIDER AND TELESCOPIC SECTIONS



STOCK NO.	BORES 1	BORES 2	A	C	L MAX.	L MIN.	E	F	SET SCREW	RATED TORQUE OZ.IN.	S SQ.	T SQ.
UJT-1	.1250*	.1250*	3/8	7/16	5 19/64	4 5/64	1 19/64	47/64	#4-40	55	.118	.165
UJT-2	.1250*	.1875										
UJT-3	.1875	.1875										
UJT-4	.1875	.1875	1/2	9/16	7 11/32	5 31/64	1 39/64	29/32	#6-32	151	.165	.236
UJT-5	.1875	.2500										
UJT-6	.2500	.2500										
UJT-10	.2500	.2500	5/8	11/16	10 7/32	7 25/32	2 3/8	1 21/64	#8-32	239	.236	.315
UJT-11	.2500	.3125										
UJT-12	.2500	.3750										
UJT-13	.3125	.3125										
UJT-14	.3125	.3750										
UJT-15	.3750	.3750										

- Temperature Range -40º F to +185º F
- Needs no lubrication
- Can be submersed in water
- Resists corrosion
- Electrically isolates input from output
- Minimum Backlash
- Lightweight
- Non contaminant (e.g. food, textiles and paper handling)
- Non-magnetic
- Resists chemical attack
- Shock absorbent

• Note: 1/8” bore coupling ends are supplied with (1) set screw each end.
Maximum lenth can be reduced by cutting equal lengths off both telescoping halves.

FLEXIBLE SHAFT COUPLINGS

TECHNICAL DATA

Remote Control (bi-directional) cores are designed to transmit rotary motion in both directions of operation at slow speeds (less than 100 rpm) or intermittent power drive applications. They also exhibit a minimal amount of angular deflection (wind up) in both directions of operation. The construction of a remote control core differs from a power drive by the fact that it has a larger number of wires and layers. This has been precisely calculated to result in nearly identical properties of deflection and strength in both directions of operation.

OPERATING RADIUS

Minimum operating radius, or the smallest radius in which a core can be operated, is given in the following Tables for each individual core. Do not exceed this radius without consulting Berg's Customer Service Department.

DEFLECTION

Torsional deflection or the angular wind up of a core is given for all remote control cores in the following Tables. Consider this carefully for it may dictate the diameter core needed for your application.

REMOTE CONTROL

In choosing the proper diameter core for remote control or bi-directional Flexible Shaft applications, you must know:

1. Torque to be transmitted by core
2. Minimum radius of bend
3. rpm of operation (if applicable)
4. Maximum allowable torsional deflection (if applicable)

With this information, go to the Table below and in the proper column of Radius of Operation, locate a torque figure applicable to your application. Read across for the properties of that particular core. If the deflection list is unacceptable, move to the next largest size. Special consideration must be given when using bi-directional cores for power drive applications both continuous and intermittent. For continuous power drive applications, reduce torque values listed by 70%. On intermittent power drive installations, core can be operated for a short period of time limited by heat build up.If you have any questions when choosing a core, contact Berg's Customer Service Department for assistance.

NOM. DIA.	WT/ 100 FT.	MAX. TOR. LB-IN	MAX. RPM	MAX. TORSIONAL DEFLECTION AT GIVEN TOR. IN DEG. PER FT			TORQUE RATING (LB-IN) FOR BOTH DIRECTIONS OF OPERATION AT GIVEN RADIUS (NOTE A) RADIUS OF OPERATION									
				TORQUE	DEFECTION WIND	UNWIND	3	4	6	8	10	12	15	20	25	50
5/32	4.8	20	20,000	1 LB-IN	7Þ	9Þ	6.0	7.0	8.0	9.0	10.0	11.0	12.0	12.0	12.0	12.0
3/16	6.9	45	20,000	1 LB-IN	3.5Þ	4Þ	--	14.0	16.0	18.0	22.0	24.0	26.0	26.0	26.0	26.0
1/4	12.8	95	20,000	5 LB-IN	5Þ	6Þ	--	28.0	32.0	36.0	44.0	48.0	55.0	55.0	55.0	55.0
5/16	19.7	150	20,000	10 LB-IN	6Þ	7.5Þ	--	56.0	64.0	72.0	88.0	96.0	110.0	110.0	110.0	110.0
3/8	28.8	220	20,000	10 LB-IN	3.5Þ	5Þ	--	--	102.0	116.0	124.0	132.0	140.0	140.0	140.0	140.0
1/2	54	340	10,000	100 LB-IN	10Þ	13Þ	--	--	--	200.0	220.0	240.0	260.0	280.0	280.0	280.0

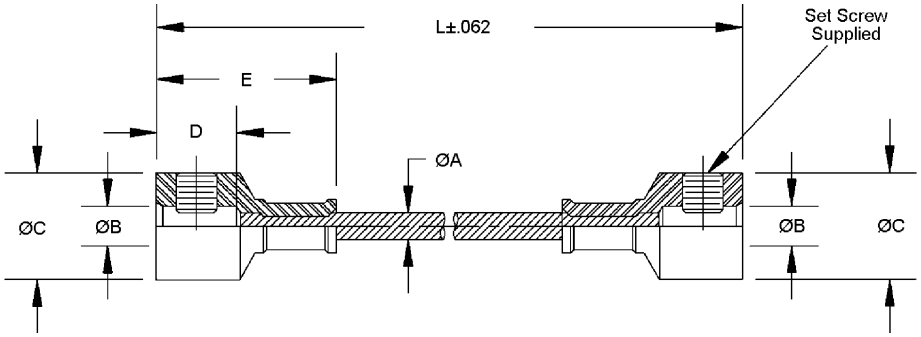
A) Each core can transmit this torque in both directions of operation for remote control applications (less than 100 rpm) and intermittent power drive applications (no longer what it takes to raise core temp 70Þ above ambient with rest duration allowing for core to cool within 30Þ of ambient). For continuous power drive applications in both directions, use only 30% of these torques.

B) Each core will either break or helix under this load. For short term overloads do not exceed 75% of this value.

C) Standard remote control cores are wound in the right hand direction.

FLEXIBLE SHAFT COUPLINGS

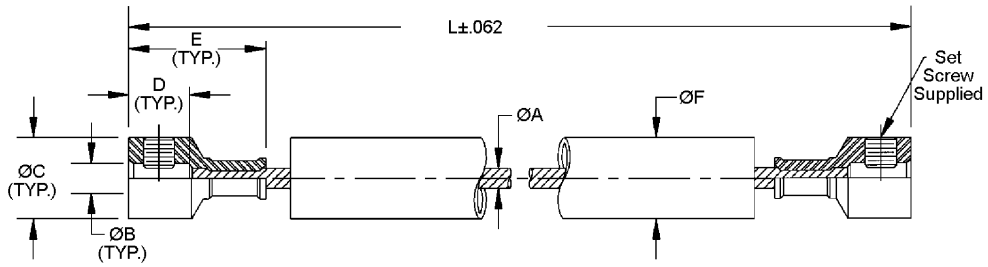
BORES	STYLE	MATERIAL
.188” TO .501	REMOTE CONTROL WITHOUT CASTING	ENDS - STEEL CABLE; FLEXIBLE CABLE - STEEL; SCREWS - STEEL PLATED



STOCK NO.	ØA	ØB +.003 -.000	ØC	D	E	L	MIN. RAD	MAX. TORQUE IN-LB. (STATIC OR DYNAMIC) FOR GIVEN: LENGTH OF UNSUPPORTED CORE 2"	4"	6"	8"	10"	12"
FS8257-8 FS8257-12	5/32	.188 .251	Ø.500	.375	.844	8.00 12.00	3.50	5.5	2.8	1.8	1.2	.8	-
FS8258-8 FS8258-12	3/16	.188 .251	Ø.500	.375	.812	8.00 12.00	4.00	9.4	4.6	3.0	2.2	1.6	1.1
FS8259-8 FS8259-12	1/4	.188 .251	Ø.500	.375	.906	8.00 12.00	4.50	25.0	12.5	8.0	5.8	4.4	3.5
FS8260-8 FS8260-12	5/16	.251 .313	Ø.625	.500	1.062	8.00 12.00	6.00	84.0	42.0	24.0	18.2	14.0	10.8
FS8261-6 FS8261-12	3/8	.313 .376	Ø.750	.625	1.344	6.00 12.00	8.00	120.0	62.0	45.0	32.0	24.0	18.0
FS8262-8 FS8262-12	1/2	.376 .501	Ø.875	.750	1.438	8.00 12.00	10.00	220.0	149.0	97.0	70.0	52.0	36.0

Flexible shafts are ideally suited for avoidance of obstacles, change of direction, to isolate vibration, positional flexiblility, parallel offsets and areas with limited access.

BORES	STYLE	MATERIAL
.125” TO .625”	REMOTE CONTROL WITH CASTING	ENDS - STEEL CABLE; FLEXIBLE CABLE - STEEL; SCREWS - STEEL PLATED; CASING - GALVANIZED STEEL

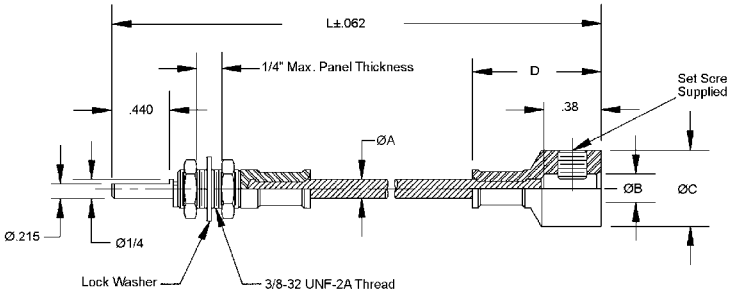


STOCK NO.	ØA	ØB +.003 -.000	ØC	D	E	F	L	MIN. RAD	MAX. TORQUE CAPACITY (IN-LB)
FSC15597-12 FSC15597-24	.188	Ø.125 Ø.250	Ø.50	.380	.81	.365	12 24	4.0	1.1
FSC15579-12 FSC15579-24	.250	Ø.250 Ø.375	Ø.50 Ø.62	.380	.91	.440	12 24	4.5	3.5
FSC15598-12 FSC15598-24	.312	Ø.250 Ø.375	Ø.62	.380	.94	.500	12 24	6.0	10.8
FSC15599-12 FSC15599-24	.375	Ø.250 Ø.375	Ø.75 Ø.87	.750	1.38	.560	12 24	8.0	18.0
FSC15600-12 FSC15600-24	.500	Ø.375 Ø.625	Ø.87	.880	1.56	.699	12 24	10.0	49.0

To determine the proper core diameter and torque rating at a given radius of perations see flexible shaft couplings technical data covered on page G 51.
Other bore sizes and custom lengths available on request. Examples P/N FS8257-24 for 24” length.

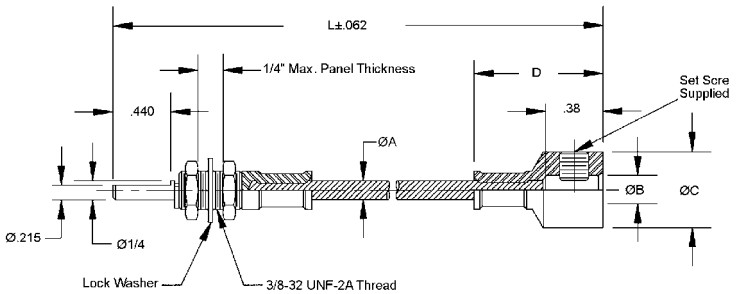
FLEXIBLE SHAFT COUPLINGS

BORES	STYLE	MATERIAL
.125” TO .375”	REMOTE CONTROL PANEL MOUNT WITHOUT CASING	ENDS - STEEL/ZINC PLATED; FLEXIBLE CABLE - STEEL/PHOSPHATE; SCREWS - STEEL/ZINC PLATED



STOCK NO.	ØA	ØB +.002 -.000	ØC	D	L	MIN. RAD.	MAX. TORQUE CAPACITY (STATIC OR DYNAMIC) FOR GIVEN: LENGTH OF UNSUPPORTED CORE (IN.) 4"	6"	8"	10"
FSP26199-3	3/16	Ø.125	.50	TBD	3	4.0	4.6	3.0	2.2	1.6
FSP26199-4		Ø.187			4					
FSP26199-14		Ø.250			14					
FSP26199-8		Ø.310			8					
FSP26202-3	1/4	Ø.125	.62	TBD	3	4.5	12.5	8.0	5.8	4.4
FSP26202-4		Ø.187			4					
FSP26202-14		Ø.250			14					
FSP26202-8		Ø.375			8					

BORES	STYLE	MATERIAL
.125” TO .375”	REMOTE CONTROL PANEL MOUNT WITH CASING	ENDS - STEEL/ZINC PLATED; FLEXIBLE CABLE - STEEL/PHOSPHATE; SCREWS - STEEL/ZINC PLATED; CASING - POLYETHYLENE



STOCK NO.	ØA	ØB +.002 -.000	ØC	D	L	MIN. RAD.	MAX. TORQUE CAPACITY (IN./LBS.)
FSPC10361-12	3/16	Ø.125	.50	TBD	12	4.0	1.1
FSPC10361-16		Ø.187			16		
FSPC10361-24		Ø.250			24		
FSPC10361-16L		Ø.310			16		
FSPC10362-12	1/4	Ø.125	.50	TBD	12	4.5	3.5
FSPC10362-16		Ø.187			16		
FSPCIO362-24		Ø.250			24		
FSPC10362-16L		Ø.375			16		

To determine the proper core diameter and torque rating at a given radius of perations see flexible shaft couplings technical data covered on page G 51.
Other bore sizes and custom lengths available on request. Examples P/N FSPC10361-24 for 24” length.

FLEXIBLE SHAFT COUPLINGS

TECHNICAL DATA

Power Drive cores are designed to transmit rotary motion continuously in one direction of operation. They are constructed of quality high carbon Flexible Shaft wire and wound on most modern automatic winding machines. Precisely controlled stress relieving is utilized to provide optimum flexibility and smoothness.

OPERATING RADIUS

Minimum operating radius, or the smallest radius in which a core can be operated, is given in the following Tables for each individual core. Do not exceed this radius without consulting Berg's Customer Service Department.

DEFLECTION

Torsional deflection or the angular wind up of a core is given for all remote control cores in the following Tables. Consider this carefully for it may dictate the diameter core needed for your application.

POWER DRIVE

In choosing the proper diameter core for Power Drive (over 100 rpm) Flexible Shaft applications, you must know:

1. hp and torque to be transmitted by core
2. rpm
3. Minimum radius of bend
4. Maximum torque (starting or stopping)
5. Direction of rotation

With this information, go to the Table below and in the proper column of Radius of Operation, locate hp value applicable to your application. Compare your actual torque to the maximum dynamic torque capacity being sure not to exceed it. If you have exceeded the maximum dynamic torque capacity, continue down the column of Radius of Operation until you reach a value large enough for your application. If your hp is too large, ruling out the use of a flexible shaft, check to see if your actual torque requirements are within the range of Flexible Shafting. Use the following formulas to calculate your power requirements.

$$\text{torque} = \frac{\text{hp} \times 63{,}000}{\text{rpm}} \qquad \text{hp} = \frac{\text{torque} \times \text{rpm}}{63{,}000}$$

NOM. DIA.	WT/ 100 FT.	MIN. RADIUS OF OPERATION (INCHES)	H.P. RATING MAXIMUM DYNAMIC TORQUE (LB-IN) AT GIVEN RADIUS									
			H.P. VALUES / RADIUS OF OPERATION (INCHES)									
			3	4	6	8	10	12	15	20	25	50
1/8	3.3	3	.04 / 5	.08 / 1.0	.12 / 1.6	.14 / 1.8	.15 / 1.9	.15 / 1.9	.16 / 2.0	.16 / 2.1	.17 / 2.3	.18 / 2.5
5/32	4.5	4		.10 / 1.5	.24 / .05	.28 / 5.0	.32 / 5.5	.34 / 5.8	.37 / 6.0	.38 / 6.2	.40 / 6.5	.44 / 7.0
3/16	6.8	4		.19 / 4.0	.34 / 5.5	.40 / 7.0	.46 / 7.5	.49 / 8.0	.53 / 8.5	.57 / 9.0	.60 / 9.5	.66 / 12.0
1/4	12.5	5			.44 / 12.0	.50 / 14.0	.60 / 15.0	.65 / 16.0	.70 / 18.0	.75 / 20.0	.80 / 22.0	.87 / 24.0
1/4	12.4	3		.28 / 10.0	.46 / 13.0	.52 / 15.0	.58 / 15.5	.62 / 16.0	.66 / 17.0	.70 / 18.0	.75 / 20.0	.80 / 22.0
5/16	19.2	5			.51 / 18.0	.62 / 20.0	.74 / 24.0	.82 / 26.0	.91 / 30.0	1.00 / 32.0	1.05 / 35.0	1.10 / 40.0

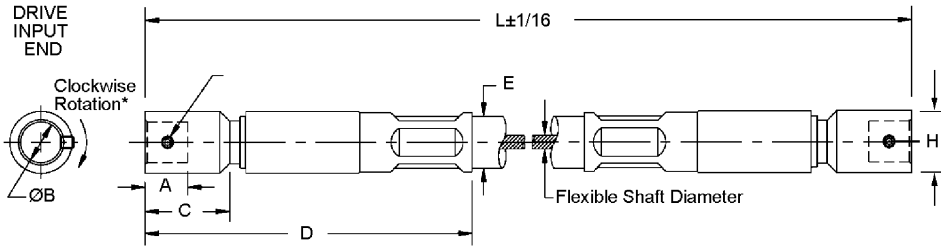
A) Each core can transmit up to it's maximum rpm, as long as the maximum dynamic torque capacity is not exceeded (for higher rpm's consult Berg's Customer Service Department.)

B) Each core will either break or helix under this load. For short term overloads (shock loads) do not exceed 50% of this value

C) Direction of operation is always determined by observing from behind the driving end.

FLEXIBLE SHAFT COUPLINGS

BORES	STYLE	MATERIAL
.188" TO .500"	REMOTE CONTROL PANEL MOUNT WITHOUT CASING	FLEXIBLE CABLE - STEEL; END FITTINGS - PLATED STEEL; FLEXIBLE CASINGS - VINYL COVERED STEEL; BEARINGS - SINTERED



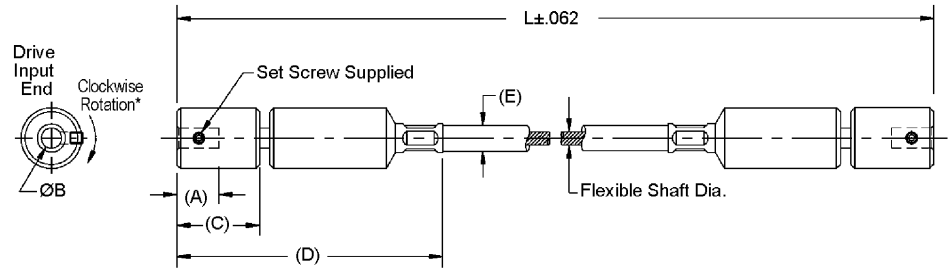
STOCK NO.	FLEX. SHAFT DIA. (REF.)	L. IN.	A	ØB +.002 -.000	C	D	E	SET SCREW	H
FSPD8053-24 FSPD8053-36	.188	24 36	.50	Ø.188 Ø.251	1.00	3.00	.35	#8-32	.75
FSPDS12779-24 FSPDS12779-60	.250	24 36	.56	Ø.250 Ø.312	1.19	4.12	.65	TBD	
FSPDS12785-24 FSPDS12785-36	.312	24 36	.75	Ø.500	1.44	4.88	.75	TBD	.88

SHAFT DIA.	MINIMUM OPERATING RADIUS	DYNAMIC TORQUE CAPACITY WINDING DIRECTION (LB. IN.) INPUT RADIUS OF CURVATURE								RPM	TORSIONAL BREAKING LOAD FOR STRAIGHT SHAFTS WINDING DIRECTION (LB. IN) (See note 1)
		25"	20"	15"	12"	10"	8"	6"	4"		
.188	4"	9.5	9.0	8.5	8.0	7.5	7.0	5.5	4.0	2000	48
.250	5"	23.0	20.0	18.0	16.0	15.0	14.0	12.0	--		96
.312	5"	35.0	32.0	30.0	26.0	24.0	20.0	18.0	--		190

Clockwise or Counterclockwise rotation available upon request

BORES	STYLE	MATERIAL
.250"	POWER DRIVE WITH CASING	FLEXIBLE CABLE - STEEL; END FITTINGS - PLATED STEEL; FLEXIBLE CASINGS - VINYL COVERED STEEL; BEARINGS - BALL

G



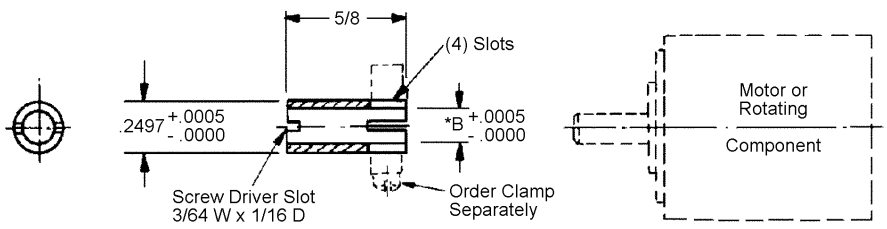
STOCK NO.	FLEX. SHAFT DIA. (REF.)	L. IN.	A	ØB +.002 -.000	C	D	E	SET SCREW
FSPD7614-12R FSPD7614-16R FSPD7614-24R FSPD7614-60R	.188	12 16 24 60	.63	Ø.250	1.26	3.38	.35	#10-32

SHAFT DIA.	MINIMUM OPERATING RADIUS	DYNAMIC TORQUE CAPACITY WINDING DIRECTION (LB. IN.) INPUT RADIUS OF CURVATURE								RPM	TORSIONAL BREAKING LOAD FOR STRAIGHT SHAFTS WINDING DIRECTION (LB. IN) (See note 1)
		25"	20"	15"	12"	10"	8"	6"	4"		
.188	4"	9.5	9.0	8.5	8.0	7.5	7.0	5.5	4.0	6000	48
.250*	5"	23.0	20.0	18.0	16.0	15.0	14.0	12.0	--		96
.312*	5"	35.0	32.0	30.0	26.0	24.0	20.0	18.0	--		190

NOTE 1: For short term overload (shock load) do not exceed 50% of the corresponding values.
Other bore sizes and custom lengths available on request. Counterclockwise or bi-directional rotation available on request.
*These shaft diameters and characteristics are available on request.

SHAFT ADAPTERS

BORES	STYLE	MATERIAL
.1200 TO .1873	CLAMP	303 STAINLESS STEEL



STOCK NO.	B BORE SIZE	ROTATING COMPONENT SHAFT DIA.	CLAMP (ORDER SEPARATELY) STOCK NO.
SA-3	.1200	.1200	
SA-4	.1248	1/8	
SA-1	.1560	5/32	CG1-8
SA-5	.1772	.1772	
SA-2	.1873	3/16	

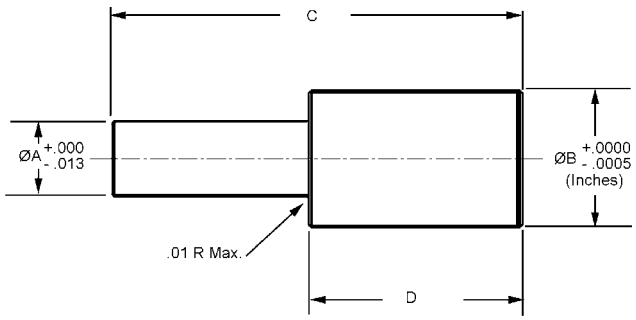
* Concentric within .0003

PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
2MM TO 14MM	METRIC MALE - INCH MALE PLAIN	303 STAINLESS STEEL

STOCK NO.	Metric Male ØA (mm)		Inch Male ØB (Inches)		C	D
	Nom	Actual	Decimal	Fraction		
SAIMMM-1	2	1.995	0.0467	3/64	0.500	0.250
SAIMMM-2	2	1.995	0.0623	1/16	0.500	0.250
SAIMMM-3	2	1.995	0.0779	5/64	0.500	0.250
SAIMMM-4	2	1.995	0.0936	3/32	1.000	0.500
SAIMMM-5	2	1.995	0.1092	7/64	1.000	0.500
SAIMMM-6	2	1.995	0.1248	1/8	1.250	0.625
SAIMMM-7	3	2.995	0.0779	5/64	0.500	0.250
SAIMMM-8	3	2.995	0.0936	3/32	1.000	0.500
SAIMMM-9	3	2.995	0.1092	7/64	1.000	0.500
SAIMMM-10	3	2.995	0.1248	1/8	1.250	0.625
SAIMMM-11	3	2.995	0.1404	9/64	1.500	0.750
SAIMMM-12	3	2.995	0.1561	5/32	1.500	0.750
SAIMMM-13	3	2.995	0.1717	11/64	2.000	1.000
SAIMMM-14	3	2.995	0.1873	3/16	2.000	1.000
SAIMMM-15	3	2.995	0.2029	13/64	2.500	1.250
SAIMMM-16	3	2.995	0.2186	7/32	2.500	1.250
SAIMMM-17	3	2.995	0.2342	15/64	2.500	1.250
SAIMMM-18	3	2.995	0.2498	1/4	2.500	1.250
SAIMMM-19	4	3.995	0.0936	3/32	1.000	0.500
SAIMMM-20	4	3.995	0.1092	7/64	1.000	0.500
SAIMMM-21	4	3.995	0.1248	1/8	1.250	0.625
SAIMMM-22	4	3.995	0.1404	9/64	1.500	0.750
SAIMMM-23	4	3.995	0.1561	5/32	1.500	0.750
SAIMMM-24	4	3.995	0.1717	11/64	2.000	1.000
SAIMMM-25	4	3.995	0.1873	3/15	2.000	1.000
SAIMMM-26	4	3.995	0.2029	13/64	2.500	1.250
SAIMMM-27	4	3.995	0.2186	7/32	2.500	1.250
SAIMMM-28	4	3.995	0.2342	15/64	2.500	1.250
SAIMMM-29	4	3.995	0.2498	1/4	2.500	1.250
SAIMMM-30	4	3.995	0.2654	17/64	3.000	1.500
SAIMMM-31	4	3.995	0.2811	9/32	3.000	1.500
SAIMMM-32	4	3.995	0.2967	19/64	3.000	1.500
SAIMMM-33	4	3.995	0.3123	5/16	3.000	1.500
SAIMMM-34	5	4.995	0.1248	1/8	1.250	0.625
SAIMMM-35	5	4.995	0.1404	9/64	1.500	0.750
SAIMMM-36	5	4.995	0.1561	5/32	1.500	0.750
SAIMMM-37	5	4.995	0.1717	11/64	2.000	1.000
SAIMMM-38	5	4.995	0.1873	3/16	2.000	1.000
SAIMMM-39	5	4.995	0.2029	13/64	2.500	1.250
SAIMMM-40	5	4.995	0.2186	7/32	2.500	1.250
SAIMMM-41	5	4.995	0.2342	15/64	2.500	1.250
SAIMMM-42	5	4.995	0.2498	1/4	2.500	1.250
SAIMMM-43	5	4.995	0.2654	17/64	3.000	1.500
SAIMMM-44	5	4.995	0.2811	9/32	3.000	1.500
SAIMMM-45	5	4.995	0.2967	19/64	3.000	1.500
SAIMMM-46	5	4.995	0.3123	5/16	3.000	1.500
SAIMMM-47	5	4.995	0.3436	11/32	3.000	1.500
SAIMMM-48	5	4.995	0.3748	3/8	3.000	1.500
SAIMMM-49	6	5.995	0.1248	1/8	1.250	0.625
SAIMMM-50	6	5.995	0.1404	9/64	1.500	0.750
SAIMMM-51	6	5.995	0.1561	5/32	1.500	0.750
SAIMMM-52	6	5.995	0.1717	11/64	2.000	1.000
SAIMMM-53	6	5.995	0.1873	3/16	2.000	1.000
SAIMMM-54	6	5.995	0.2029	13/64	2.500	1.250
SAIMMM-55	6	5.995	0.2186	7/32	2.500	1.250
SAIMMM-56	6	5.995	0.2342	15/64	2.500	1.250
SAIMMM-57	6	5.995	0.2498	1/4	2.500	1.250
SAIMMM-58	6	5.995	0.2654	17/64	3.000	1.500
SAIMMM-59	6	5.995	0.2811	9/32	3.000	1.500
SAIMMM-60	6	5.995	0.2967	19/64	3.000	1.500
SAIMMM-61	6	5.995	0.3123	5/16	3.000	1.500
SAIMMM-62	6	5.995	0.3436	11/32	3.000	1.500
SAIMMM-63	6	5.995	0.3748	3/8	3.000	1.500
SAIMMM-64	7	6.995	0.1248	1/8	1.250	15.88
SAIMMM-65	7	6.995	0.1561	5/32	1.500	19.05
SAIMMM-66	7	6.995	0.1873	3/16	2.000	25.40
SAIMMM-67	7	6.995	0.2186	7/32	2.500	31.75
SAIMMM-68	7	6.995	0.2498	1/4	2.500	31.75
SAIMMM-69	7	6.995	0.2811	9/32	3.000	38.10
SAIMMM-70	7	6.995	0.3123	5/16	3.000	38.10
SAIMMM-71	7	6.995	0.3436	11/32	3.000	38.10
SAIMMM-72	7	6.995	0.3748	3/8	3.000	38.10
SAIMMM-73	7	6.995	0.4061	13/32	3.000	38.10
SAIMMM-74	7	6.995	0.4373	7/16	3.000	38.10
SAIMMM-75	8	7.995	0.1248	1/8	1.250	15.88
SAIMMM-76	8	7.995	0.1561	5/32	1.500	19.05
SAIMMM-77	8	7.995	0.1873	3/16	2.000	25.40
SAIMMM-78	8	7.995	0.2186	7/32	2.500	31.75
SAIMMM-79	8	7.995	0.2498	1/4	2.500	31.75
SAIMMM-80	8	7.995	0.2811	9/32	3.000	38.10

STOCK NO.	Metric Male ØA (mm)		Inch Male ØB (Inches)		C	D
	Nom	Actual	Decimal	Fraction		
SAIMMM-81	8	7.995	0.3123	5/16	3.000	38.10
SAIMMM-82	8	7.995	0.3436	11/32	3.000	38.10
SAIMMM-83	8	7.995	0.3748	3/8	3.000	38.10
SAIMMM-84	8	7.995	0.4061	13/32	3.000	38.10
SAIMMM-85	8	7.995	0.4373	7/16	3.000	38.10
SAIMMM-86	8	7.995	0.4998	1/2	4.000	50.80
SAIMMM-87	9	8.995	0.1248	1/8	1.250	15.88
SAIMMM-88	9	8.995	0.1561	5/32	1.500	19.05
SAIMMM-89	9	8.995	0.1873	3/16	2.000	25.40
SAIMMM-90	9	8.995	0.2186	7/32	2.500	31.75
SAIMMM-91	9	8.995	0.2498	1/4	2.500	31.75
SAIMMM-92	9	8.995	0.2811	9/32	3.000	38.10
SAIMMM-93	9	8.995	0.3123	5/16	3.000	38.10
SAIMMM-94	9	8.995	0.3436	11/32	3.000	38.10
SAIMMM-95	9	8.995	0.3748	3/8	3.000	38.10
SAIMMM-96	9	8.995	0.4061	13/32	3.000	38.10
SAIMMM-97	9	8.995	0.4373	7/16	3.000	38.10
SAIMMM-98	9	8.995	0.4998	1/2	4.000	50.80
SAIMMM-99	10	9.995	0.1873	3/16	2.000	1.000
SAIMMM-100	10	9.995	0.2186	7/32	2.500	1.250
SAIMMM-101	10	9.995	0.2498	1/4	2.500	1.250
SAIMMM-102	10	9.995	0.2811	9/32	3.000	3.000
SAIMMM-103	10	9.995	0.3123	5/16	3.000	3.000
SAIMMM-104	10	9.995	0.3436	11/32	3.000	3.000
SAIMMM-105	10	9.995	0.3748	3/8	3.000	3.000
SAIMMM-106	10	9.995	0.4061	13/32	3.000	3.000
SAIMMM-107	10	9.995	0.4373	7/16	3.000	3.000
SAIMMM-108	10	9.995	0.4998	1/2	4.000	2.000
SAIMMM-109	10	9.995	0.5623	9/16	4.000	2.000
SAIMMM-110	10	9.995	0.6248	5/8	4.500	2.250
SAIMMM-111	12	11.995	0.1873	3/16	2.000	1.000
SAIMMM-112	12	11.995	0.2186	7/32	2.500	1.250
SAIMMM-113	12	11.995	0.2498	1/4	2.500	1.250
SAIMMM-114	12	11.995	0.2811	9/32	3.000	3.000
SAIMMM-115	12	11.995	0.3123	5/16	3.000	3.000
SAIMMM-116	12	11.995	0.3436	11/32	3.000	3.000
SAIMMM-117	12	11.995	0.3748	3/8	3.000	3.000
SAIMMM-118	12	11.995	0.4061	13/32	3.000	3.000
SAIMMM-119	12	11.995	0.4373	7/16	3.000	3.000
SAIMMM-120	12	11.995	0.4998	1/2	4.000	2.000
SAIMMM-121	12	11.995	0.5623	9/16	4.000	2.000
SAIMMM-122	12	11.995	0.6248	5/8	4.500	2.250
SAIMMM-123	12	11.995	0.6873	11/16	4.500	2.250
SAIMMM-124	14	13.995	0.1873	3/16	2.000	1.000
SAIMMM-125	14	13.995	0.2498	1/4	2.500	1.250
SAIMMM-126	14	13.995	0.3123	5/16	3.000	1.500
SAIMMM-127	14	13.995	0.3741	3/8	3.000	1.500
SAIMMM-128	14	13.995	0.4373	7/16	3.000	1.500
SAIMMM-129	14	13.995	0.4998	1/2	4.000	2.000
SAIMMM-130	14	13.995	0.5623	9/16	4.000	2.000
SAIMMM-131	14	13.995	0.6248	5/8	4.500	2.250
SAIMMM-132	14	13.995	0.6873	11/16	4.500	2.250



Dimensions in inches, except where noted.

Shaft Ends Concentric within .0005.

Continued on next page.

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PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
14MM TO 30MM	METRIC MALE - INCH MALE PLAIN	303 STAINLESS STEEL

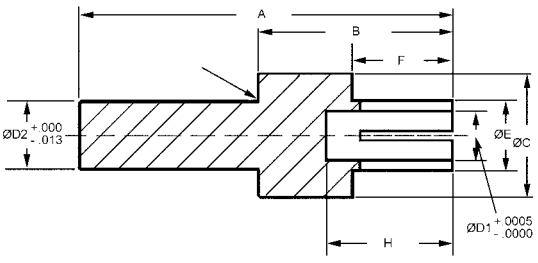
STOCK NO.	Metric Male ØA (mm)		Inch Male ØB (Inches)		C	D
	Nom	Actual	Decimal	Fraction		
SAIMMM-133	14	13.995	0.7498	3/4	6.000	3.000
SAIMMM-134	14	13.995	0.8123	13/16	6.000	3.000
SAIMMM-135	16	15.995	0.3748	3/8	3.000	1.500
SAIMMM-136	16	15.995	0.4373	7/16	3.000	1.500
SAIMMM-137	16	15.995	0.4998	1/2	4.000	2.000
SAIMMM-138	16	15.995	0.5623	9/16	4.000	2.000
SAIMMM-139	16	15.995	0.6248	5/8	4.500	2.250
SAIMMM-140	16	15.995	0.6873	11/16	4.500	2.250
SAIMMM-141	16	15.995	0.7498	3/4	6.000	3.000
SAIMMM-142	16	15.995	0.8123	13/16	6.000	3.000
SAIMMM-143	16	15.995	0.8748	7/8	4.000	2.000
SAIMMM-144	16	15.995	0.9373	15/16	4.000	2.000
SAIMMM-145	16	15.995	0.9998	1	4.000	2.000
SAIMMM-146	18	17.995	0.3748	3/8	3.000	1.500
SAIMMM-147	18	17.995	0.4373	7/16	3.000	1.500
SAIMMM-148	18	17.995	0.4998	1/2	4.000	2.000
SAIMMM-149	18	17.995	0.5623	9/16	4.000	2.000
SAIMMM-150	18	17.995	0.6248	5/8	4.500	2.250
SAIMMM-151	18	17.995	0.6873	11/16	4.500	2.250
SAIMMM-152	18	17.995	0.7498	3/4	6.000	3.000
SAIMMM-153	18	17.995	0.8123	13/16	6.000	3.000
SAIMMM-154	18	17.995	0.8748	7/8	4.000	2.000
SAIMMM-155	18	17.995	0.9373	15/16	4.000	2.000
SAIMMM-156	18	17.995	0.9998	1	4.000	2.000
SAIMMM-157	18	17.995	1.1248	1 1/8	5.000	2.500
SAIMMM-158	20	19.995	0.4998	1/2	4.000	2.000
SAIMMM-159	20	19.995	0.5623	9/16	4.000	2.000
SAIMMM-160	20	19.995	0.6248	5/8	4.500	2.500
SAIMMM-161	20	19.995	0.6873	11/16	4.500	2.500
SAIMMM-162	20	19.995	0.7498	3/4	6.000	3.000

STOCK NO.	Metric Male ØA (mm)		Inch Male ØB (Inches)		C	D
	Nom	Actual	Decimal	Fraction		
SAIMMM-163	20	19.995	0.8123	13/16	6.000	3.000
SAIMMM-164	20	19.995	0.8748	7/8	4.000	2.000
SAIMMM-165	20	19.995	0.9373	15/16	4.000	2.000
SAIMMM-166	20	19.995	0.9998	1	4.000	2.000
SAIMMM-167	20	19.995	1.1248	1 1/8	5.000	2.500
SAIMMM-168	20	19.995	1.2498	1 1/4	5.000	2.500
SAIMMM-169	25	24.995	0.4998	1/2	4.000	2.000
SAIMMM-170	25	24.995	0.5623	9/16	4.000	2.000
SAIMMM-171	25	24.995	0.6248	5/8	4.500	2.500
SAIMMM-172	25	24.995	0.7498	11/16	4.500	2.500
SAIMMM-173	25	24.995	0.7498	3/4	6.000	3.000
SAIMMM-174	25	24.995	0.8123	13/16	6.000	3.000
SAIMMM-175	25	24.995	0.8748	7/8	4.000	2.000
SAIMMM-176	25	24.995	0.9373	15/16	4.000	2.000
SAIMMM-177	25	24.995	0.9998	1	4.000	2.000
SAIMMM-178	25	24.995	1.1248	1 1/8	5.000	2.500
SAIMMM-179	25	24.995	1.2498	1 1/4	5.000	2.500
SAIMMM-180	25	24.995	1.3748	1 3/8	6.000	3.000
SAIMMM-181	25	24.995	1.4998	1 1/2	6.000	3.000
SAIMMM-182	30	29.995	0.4998	1/2	4.000	2.000
SAIMMM-183	30	29.995	0.5623	9/16	4.000	2.000
SAIMMM-184	30	29.995	0.6248	5/8	4.500	2.500
SAIMMM-185	30	29.995	0.6873	11/16	4.500	2.500
SAIMMM-186	30	29.995	0.7498	3/4	6.000	3.000
SAIMMM-187	30	29.995	0.8123	13/16	6.000	3.000
SAIMMM-188	30	29.995	0.8748	7/8	4.000	2.000
SAIMMM-189	30	29.995	0.9373	15/16	4.000	2.000
SAIMMM-190	30	29.995	0.9998	1	4.000	2.000
SAIMMM-191	30	29.995	1.1248	1 1/8	5.000	2.500
SAIMMM-192	30	29.995	1.2498	1 1/4	5.000	2.500

See drawing on previous page.

SHAFT SIZES	STYLE	MATERIAL
2MM TO 5MM	INCH FEMALE - METRIC MALE - CLAMP HUB	303 STAINLESS STEEL

STOCK NO.	Inch Female ØD1 (Inches)		Metric Male ØD2 (mm)		A	B	ØC	ØE	F	H	Use With Clamp
	Decimal	Fraction	Nom	Actual							
SAIFMM-1-C	0.0779	5/64	2	1.995	0.328	0.164	0.250	0.187	0.19	0.117	CG1-5
SAIFMM-2-C	0.0936	3/32	2	1.995	0.394	0.197	0.250	0.187	0.19	0.141	CG1-5
SAIFMM-3-C	0.1092	7/64	2	1.995	0.459	0.230	0.375	0.187	0.19	0.164	CG1-5
SAIFMM-4-C	0.1248	1/8	2	1.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-5-C	0.0779	5/64	3	2.995	0.328	0.164	0.250	0.187	0.19	0.117	CG1-5
SAIFMM-6-C	0.0936	3/32	3	2.995	0.394	0.197	0.250	0.187	0.19	0.141	CG1-5
SAIFMM-7-C	0.1092	7/64	3	2.995	0.459	0.230	0.375	0.187	0.19	0.164	CG1-5
SAIFMM-8-C	0.1248	1/8	3	2.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-9-C	0.1404	9/64	3	2.995	0.591	0.295	0.500	0.250	0.26	0.211	CG1-5
SAIFMM-10-C	0.1561	5/32	3	2.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-11-C	0.1717	11/64	3	2.995	0.722	0.361	0.500	0.250	0.26	0.258	CG1-9
SAIFMM-12-C	0.1873	3/16	3	2.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-13-C	0.2029	13/64	3	2.995	0.853	0.427	0.625	0.312	0.26	0.305	CG1-12
SAIFMM-14-C	0.2186	7/32	3	2.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-15-C	0.2342	15/64	3	2.995	0.984	0.492	0.750	0.312	0.26	0.352	CG1-12
SAIFMM-16-C	0.2498	1/4	3	2.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-17-C	0.0936	3/32	4	3.995	0.394	0.197	0.250	0.187	0.19	0.141	CG1-5
SAIFMM-18-C	0.1092	7/64	4	3.995	0.459	0.230	0.250	0.187	0.19	0.164	CG1-5
SAIFMM-19-C	0.1248	1/8	4	3.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-20-C	0.1404	9/64	4	3.995	0.591	0.295	0.500	0.250	0.26	0.211	CG1-9
SAIFMM-21-C	0.1561	5/32	4	3.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-22-C	0.1717	11/64	4	3.995	0.722	0.361	0.500	0.250	0.26	0.258	CG1-9
SAIFMM-23-C	0.1873	3/16	4	3.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-24-C	0.2029	13/64	4	3.995	0.853	0.427	0.625	0.312	0.26	0.305	CG1-12
SAIFMM-25-C	0.2186	7/32	4	3.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-26-C	0.2342	15/64	4	3.995	0.984	0.492	0.750	0.312	0.26	0.352	CG1-12
SAIFMM-27-C	0.2498	1/4	4	3.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-28-C	0.2654	17/64	4	3.995	1.116	0.558	0.750	0.375	0.32	0.398	CG1-15
SAIFMM-29-C	0.2811	9/32	4	3.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-30-C	0.2967	19/64	4	3.995	1.247	0.623	0.750	0.375	0.32	0.445	CG1-15
SAIFMM-31-C	0.3123	5/16	4	3.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-32-C	0.1248	1/8	5	4.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5

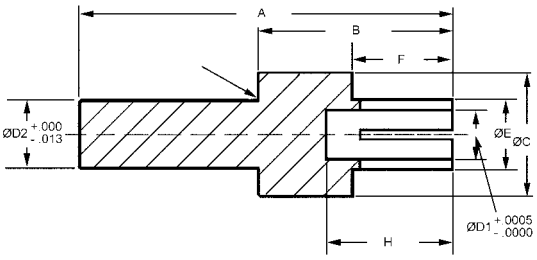


D1 & D2 are concentric within .0005.
All dimensions are in inches, except where noted.

PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
5MM TO 10MM	INCH FEMALE - METRIC MALE - CLAMP HUB	303 STAINLESS STEEL

STOCK NO.	Inch Female ØD1 (Inches)		Metric Male ØD2 (mm)		A	B	ØC	ØE	F	H	Use With Clamp
	Decimal	Fraction	Nom	Actual							
SAIFMM-33-C	0.1404	9/64	5	4.995	0.591	0.295	0.500	0.250	0.26	0.211	CG1-9
SAIFMM-34-C	0.1561	5/32	5	4.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-35-C	0.1717	11/64	5	4.995	0.722	0.361	0.500	0.250	0.26	0.258	CG1-9
SAIFMM-36-C	0.1873	3/16	5	4.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-37-C	0.2029	13/64	5	4.995	0.853	0.427	0.625	0.312	0.26	0.305	CG1-12
SAIFMM-38-C	0.2186	7/32	5	4.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-39-C	0.2342	15/64	5	4.995	0.984	0.492	0.750	0.312	0.26	0.352	CG1-12
SAIFMM-40-C	0.2498	1/4	5	4.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-41-C	0.2654	17/64	5	4.995	1.116	0.558	0.750	0.375	0.32	0.398	CG1-15
SAIFMM-42-C	0.2811	9/32	5	4.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-43-C	0.2967	19/64	5	4.995	1.247	0.623	0.750	0.375	0.32	0.445	CG1-15
SAIFMM-44-C	0.3123	5/16	5	4.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-45-C	0.3436	11/32	5	4.995	1.444	0.722	1.000	0.437	0.32	0.516	CG1-18
SAIFMM-46-C	0.3748	3/8	5	4.995	1.575	0.788	1.000	0.437	0.32	0.563	CG1-18
SAIFMM-47-C	0.1248	1/8	6	5.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-48-C	0.1404	9/64	6	5.995	0.591	0.295	0.500	0.250	0.26	0.211	CG1-9
SAIFMM-49-C	0.1561	5/32	6	5.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-50-C	0.1717	11/64	6	5.995	0.722	0.361	0.500	0.250	0.26	0.258	CG1-9
SAIFMM-51-C	0.1873	3/16	6	5.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-52-C	0.2029	13/64	6	5.995	0.853	0.427	0.625	0.312	0.26	0.305	CG1-12
SAIFMM-53-C	0.2186	7/32	6	5.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-54-C	0.2342	15/64	6	5.995	0.984	0.492	0.750	0.312	0.26	0.352	CG1-12
SAIFMM-55-C	0.2498	1/4	6	5.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-56-C	0.2654	17/64	6	5.995	1.116	0.558	0.750	0.375	0.32	0.398	CG1-15
SAIFMM-57-C	0.2811	9/32	6	5.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-58-C	0.2967	19/64	6	5.995	1.247	0.623	0.750	0.375	0.32	0.445	CG1-15
SAIFMM-59-C	0.3123	5/16	6	5.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-60-C	0.3436	11/32	6	5.995	1.444	0.722	1.000	0.437	0.32	0.516	CG1-18
SAIFMM-61-C	0.3748	3/8	6	5.995	1.575	0.788	1.000	0.437	0.32	0.563	CG1-18
SAIFMM-62-C	0.1248	1/8	7	6.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-63-C	0.1561	5/32	7	6.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-64-C	0.1873	3/16	7	6.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-65-C	0.2186	7/32	7	6.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-66-C	0.2498	1/4	7	6.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-67-C	0.2811	9/32	7	6.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-68-C	0.3123	5/16	7	6.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-69-C	0.3436	11/32	7	6.995	1.444	0.722	1.000	0.437	0.32	0.516	CG1-18
SAIFMM-70-C	0.3748	3/8	7	6.995	1.575	0.788	1.000	0.437	0.32	0.563	CG1-18
SAIFMM-71-C	0.4061	13/32	7	6.995	1.706	0.853	1.125	0.562	0.32	0.609	CG1-19
SAIFMM-72-C	0.4373	7/16	7	6.995	1.838	0.919	1.125	0.562	0.32	0.656	CG1-19
SAIFMM-73-C	0.1248	1/8	8	7.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-74-C	0.1561	5/32	8	7.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-75-C	0.1873	3/16	8	7.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-76-C	0.2186	7/32	8	7.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-77-C	0.2498	1/4	8	7.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-78-C	0.2811	9/32	8	7.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-79-C	0.3123	5/16	8	7.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-80-C	0.3436	11/32	8	7.995	1.444	0.722	1.000	0.437	0.32	0.516	CG1-18
SAIFMM-81-C	0.3748	3/8	8	7.995	1.575	0.788	1.000	0.437	0.32	0.563	CG1-18
SAIFMM-82-C	0.4061	13/32	8	7.995	1.706	0.853	1.125	0.562	0.32	0.609	CG1-19
SAIFMM-83-C	0.4373	7/16	8	7.995	1.838	0.919	1.125	0.562	0.32	0.656	CG1-19
SAIFMM-84-C	0.4998	1/2	8	7.995	2.100	1.050	1.250	0.562	0.32	0.750	CG1-19
SAIFMM-85-C	0.1248	1/8	9	8.995	0.525	0.263	0.500	0.187	0.19	0.188	CG1-5
SAIFMM-86-C	0.1561	5/32	9	8.995	0.656	0.328	0.500	0.250	0.26	0.234	CG1-9
SAIFMM-87-C	0.1873	3/16	9	8.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-88-C	0.2186	7/32	9	8.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-89-C	0.2498	1/4	9	8.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-90-C	0.2811	9/32	9	8.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-91-C	0.3123	5/16	9	8.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-92-C	0.3436	11/32	9	8.995	1.444	0.722	1.000	0.437	0.32	0.516	CG1-18
SAIFMM-93-C	0.3748	3/8	9	8.995	1.575	0.788	1.000	0.437	0.32	0.563	CG1-18
SAIFMM-94-C	0.4061	13/32	9	8.995	1.706	0.853	1.125	0.562	0.32	0.609	CG1-19
SAIFMM-95-C	0.4373	7/16	9	8.995	1.838	0.919	1.125	0.562	0.32	0.656	CG1-19
SAIFMM-96-C	0.4998	1/2	9	8.995	2.100	1.050	1.250	0.562	0.32	0.750	CG1-19
SAIFMM-97-C	0.1873	3/16	10	9.995	0.788	0.394	0.500	0.250	0.26	0.281	CG1-9
SAIFMM-98-C	0.2186	7/32	10	9.995	0.919	0.459	0.625	0.312	0.26	0.328	CG1-12
SAIFMM-99-C	0.2498	1/4	10	9.995	1.050	0.525	0.750	0.312	0.26	0.375	CG1-12
SAIFMM-100-C	0.2811	9/32	10	9.995	1.181	0.591	0.750	0.375	0.32	0.422	CG1-15
SAIFMM-101-C	0.3123	5/16	10	9.995	1.313	0.656	1.000	0.375	0.32	0.469	CG1-15
SAIFMM-102-C	0.3436	11/32	10	9.995	1.444	0.722	1.000	0.437	0.32	0.516	CG1-18
SAIFMM-103-C	0.3748	3/8	10	9.995	1.575	0.788	1.000	0.437	0.32	0.563	CG1-18
SAIFMM-104-C	0.4061	13/32	10	9.995	1.706	0.853	1.125	0.562	0.32	0.609	CG1-19
SAIFMM-105-C	0.4373	7/16	10	9.995	1.838	0.919	1.125	0.562	0.32	0.656	CG1-19
SAIFMM-106-C	0.4998	1/2	10	9.995	2.100	1.050	1.250	0.562	0.32	0.750	CG1-19



D1 & D2 are concentric within .0005.
All dimensions are in inches, except where noted.

Order clamp separately.

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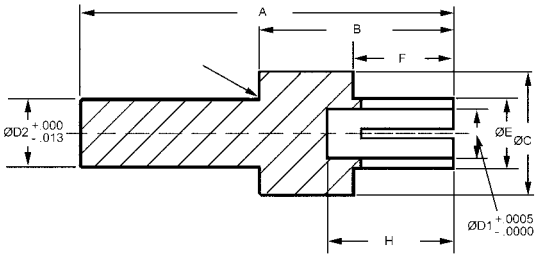
PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
2MM TO 6MM	INCH MALE - METRIC FEMALE - CLAMP HUB	303 STAINLESS STEEL



STOCK NO.	Metric Female ØD1 (mm)		Inch Male ØD2 (Inches)		A	B	ØC	ØE mm	F	H	Use With Clamp
	Nom	Actual	Decimal	Fraction							
SAIMMF-1-C	2	1.996	0.0467	3/64	0.441	0.220	0.350	4.6	0.181	0.16	CG1M-4
SAIMMF-2-C	2	1.996	0.0623	1/16	0.441	0.220	0.350	4.6	0.181	0.16	CG1M-4
SAIMMF-3-C	2	1.996	0.0779	5/64	0.441	0.220	0.350	4.6	0.181	0.16	CG1M-4
SAIMMF-4-C	2	1.996	0.0936	3/32	0.441	0.220	0.350	4.6	0.181	0.16	CG1M-4
SAIMMF-5-C	2	1.996	0.1092	7/64	0.441	0.220	0.350	4.6	0.181	0.16	CG1M-4
SAIMMF-6-C	2	1.996	0.1248	1/8	0.441	0.220	0.350	4.6	0.181	0.16	CG1M-4
SAIMMF-7-C	3	2.996	0.0779	5/64	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-8-C	3	2.996	0.0936	3/32	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-9-C	3	2.996	0.1092	7/64	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-10-C	3	2.996	0.1248	1/8	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-11-C	3	2.996	0.1404	9/64	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-12-C	3	2.996	0.1561	5/32	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-13-C	3	2.996	0.1717	11/64	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-14-C	3	2.996	0.1873	3/16	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-15-C	3	2.996	0.2029	13/64	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-16-C	3	2.996	0.2186	7/32	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-17-C	3	2.996	0.2342	15/64	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-18-C	3	2.996	0.2498	1/4	0.661	0.331	0.350	4.6	0.181	0.24	CG1M-4
SAIMMF-19-C	4	3.996	0.0936	3/32	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-20-C	4	3.996	0.1092	7/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-21-C	4	3.996	0.1248	1/8	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-22-C	4	3.996	0.1404	9/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-23-C	4	3.996	0.1561	5/32	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-24-C	4	3.996	0.1717	11/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-25-C	4	3.996	0.1873	3/16	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-26-C	4	3.996	0.2029	13/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-27-C	4	3.996	0.2186	7/32	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-28-C	4	3.996	0.2342	15/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-29-C	4	3.996	0.2498	1/4	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-30-C	4	3.996	0.2654	17/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-31-C	4	3.996	0.2811	9/32	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-32-C	4	3.996	0.2967	19/64	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-33-C	4	3.996	0.3123	5/16	0.882	0.441	0.350	5.6	0.220	0.31	CG1M-5
SAIMMF-34-C	5	4.996	0.1248	1/8	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-35-C	5	4.996	0.1404	9/64	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-36-C	5	4.996	0.1561	5/32	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-37-C	5	4.996	0.1717	11/64	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-38-C	5	4.996	0.1873	3/16	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-39-C	5	4.996	0.2029	13164	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-40-C	5	4.996	0.2186	7/32	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-41-C	5	4.996	0.2342	15/64	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-42-C	5	4.996	0.2498	1/4	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-43-C	5	4.996	0.2654	17/64	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-44-C	5	4.996	0.2811	9/32	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-45-C	5	4.996	0.2967	19/64	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-46-C	5	4.996	0.3123	5/16	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-47-C	5	4.996	0.3436	11/32	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-48-C	5	4.996	0.3748	3/8	1.102	0.551	0.350	6.6	0.260	0.39	CG1M-10
SAIMMF-49-C	6	5.996	0.1248	1/8	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-50-C	6	5.996	0.1404	9/64	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-51-C	6	5.996	0.1561	5/32	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-52-C	6	5.996	0.1717	11/64	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11

- ØD1 & ØD2 are concentric within .0005.
- All dimensions are in inches, except where noted.

- Order Clamp Separately.

Continued on next page.

PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
6MM TO 12MM	INCH MALE - METRIC FEMALE - CLAMP HUB	303 STAINLESS STEEL

STOCK NO.	Metric Female ØD1 (mm)		Inch Male ØD2 (Inches)		A	B	ØC	ØE mm	F	H	Use With Clamp
	Nom	Actual	Decimal	Fraction							
SAIMMF-53-C	6	5.996	0.1873	3/16	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-54-C	6	5.996	0.2029	13/64	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-55-C	6	5.996	0.2186	7/32	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-56-C	6	5.996	0.2342	15/64	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-57-C	6	5.996	0.2498	1/4	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-58-C	6	5.996	0.2654	17/64	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-59-C	6	5.996	0.2811	9/32	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-60-C	6	5.996	0.2967	19/64	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-61-C	6	5.996	0.3123	5/16	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-62-C	6	5.996	0.3436	11/32	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-63-C	6	5.996	0.3748	3/8	1.323	0.661	0.350	7.6	0.299	0.47	CG1M-11
SAIMMF-64-C	7	6.996	0.1248	1/8	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-65-C	7	6.996	0.1561	5/32	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-66-C	7	6.996	0.1873	3/16	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-67-C	7	6.996	0.2186	7/32	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-68-C	7	6.996	0.2498	1/4	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-69-C	7	6.996	0.2811	9/32	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-70-C	7	6.996	0.3123	5/16	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-71-C	7	6.996	0.3436	11/32	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-72-C	7	6.996	0.3748	3/8	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-73-C	7	6.996	0.4061	13/32	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-74-C	7	6.996	0.4373	7/16	1.543	0.772	0.350	8.6	0.339	0.55	CG1M-13
SAIMMF-75-C	8	7.996	0.1248	1/8	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-76-C	8	7.996	0.1561	5/32	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-77-C	8	7.996	0.1873	3/16	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-78-C	8	7.996	0.2186	7/32	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-79-C	8	7.996	0.2498	1/4	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-80-C	8	7.996	0.2811	9/32	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-81-C	8	7.996	0.3123	5/16	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-82-C	8	7.996	0.3436	11/32	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-83-C	8	7.996	0.3748	3/8	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-84-C	8	7.996	0.4061	13/32	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-85-C	8	7.996	0.4373	7/16	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-86-C	8	7.996	0.4998	1/2	1.764	0.882	0.490	9.6	0.378	0.63	CG1M-15
SAIMMF-87-C	9	8.996	0.1248	1/8	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-88-C	9	8.996	0.1561	5/32	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-89-C	9	8.996	0.1873	3/16	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-90-C	9	8.996	0.2186	7/32	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-91-C	9	8.996	0.2498	1/4	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-92-C	9	8.996	0.2811	9/32	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-93-C	9	8.996	0.3123	5/16	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-94-C	9	8.996	0.3436	11/32	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-95-C	9	8.996	0.3748	3/8	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-96-C	9	8.996	0.4061	13/32	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-97-C	9	8.996	0.4373	7/16	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-98-C	9	8.996	0.4998	1/2	1.984	0.992	0.490	11.6	0.457	0.71	CG1M-17
SAIMMF-99-C	10	9.996	0.1873	3/16	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-100-C	10	9.996	0.2186	7/32	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-101-C	10	9.996	0.2498	1/4	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-102-C	10	9.996	0.2811	9/32	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-103-C	10	9.996	0.3123	5/16	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-104-C	10	9.996	0.3436	11/32	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-105-C	10	9.996	0.3748	3/8	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-106-C	10	9.996	0.4061	13/32	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-107-C	10	9.996	0.4373	7116	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-108-C	10	9.996	0.4998	1/2	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-109-C	10	9.996	0.5623	9/16	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-110-C	10	9.996	0.6248	5/8	2.205	1.102	0.490	11.6	0.457	0.79	CG1M-17
SAIMMF-111-C	12	11.996	0.1873	3/16	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-112-C	12	11.996	0.2186	7/32	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-113-C	12	11.996	0.2498	1/4	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-114-C	12	11.996	0.2811	9/32	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-115-C	12	11.996	0.3123	5/16	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-116-C	12	11.996	0.3436	11/32	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-117-C	12	11.996	0.3748	3/8	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-118-C	12	11.996	0.4061	13/32	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-119-C	12	11.996	0.4373	7/16	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-120-C	12	11.996	0.4998	1/2	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-121-C	12	11.996	0.5623	9/16	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-122-C	12	11.996	0.6248	5/8	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18
SAIMMF-123-C	12	11.996	0.6873	11/16	2.646	1.323	0.620	13.6	0.535	0.94	CG1M-18

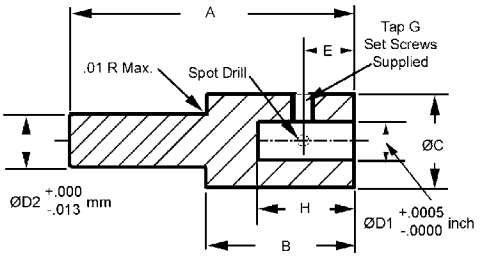
- ØD1 & ØD2 are concentric within .0005.
- All dimensions are in inches, except where noted.
- Order Clamp Separately.

See drawing on previous page.

PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
2MM TO 7MM	INCH FEMALE - METRIC MALE - PIN HUB	303 STAINLESS STEEL

STOCK NO.	Inch Female ØD1 (Inches)		Metric Male ØD2 (mm)		ØC	H	B	A	E	G
	Decimal	Fraction	Nom	Actual						UNC-2B
SAIFMM-1	0.0779	5/64	2	1.995	0.250	0.117	0.164	0.327	0.058	#0-80
SAIFMM-2	0.0936	3/32	2	1.995	0.250	0.140	0.196	0.393	0.070	#2-56
SAIFMM-3	0.1092	7/64	2	1.995	0.375	0.164	0.229	0.459	0.082	#2-56
SAIFMM-4	0.1248	1/8	2	1.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-5	0.0779	5/64	3	2.995	0.250	0.117	0.164	0.327	0.058	#0-80
SAIFMM-6	0.0936	3/32	3	2.995	0.250	0.140	0.196	0.393	0.070	#2-56
SAIFMM-7	0.1092	7/64	3	2.995	0.375	0.164	0.229	0.459	0.082	#2-56
SAIFMM-8	0.1248	1/8	3	2.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-9	0.1404	9/64	3	2.995	0.500	0.211	0.295	0.590	0.105	#4-40
SAIFMM-10	0.1561	5/32	3	2.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-11	0.1717	11/64	3	2.995	0.500	0.258	0.361	0.721	0.129	#4-40
SAIFMM-12	0.1873	3/16	3	2.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-13	0.2029	13/64	3	2.995	0.625	0.304	0.426	0.852	0.152	#6-32
SAIFMM-14	0.2186	7/32	3	2.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-15	0.2342	15/64	3	2.995	0.750	0.351	0.492	0.984	0.176	#6-32
SAIFMM-16	0.2498	1/4	3	2.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-17	0.0936	3/32	4	3.995	0.250	0.140	0.196	0.393	0.070	#2-56
SAIFMM-18	0.1092	7/64	4	3.995	0.250	0.164	0.229	0.459	0.082	#2-56
SAIFMM-19	0.1248	1/8	4	3.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-20	0.1404	9/64	4	3.995	0.500	0.211	0.295	0.590	0.105	#4-40
SAIFMM-21	0.1561	5/32	4	3.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-22	0.1717	11/64	4	3.995	0.500	0.258	0.361	0.721	0.129	#4-40
SAIFMM-23	0.1873	3/16	4	3.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-24	0.2029	13/64	4	3.995	0.625	0.304	0.426	0.852	0.152	#6-32
SAIFMM-25	0.2186	7/32	4	3.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-26	0.2342	15/64	4	3.995	0.750	0.351	0.492	0.984	0.176	#6-32
SAIFMM-27	0.2498	1/4	4	3.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-28	0.2654	17/64	4	3.995	0.750	0.398	0.557	1.115	0.199	#8-32
SAIFMM-29	0.2811	9/32	4	3.995	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-30	0.2967	19/64	4	3.995	0.750	0.445	0.623	1.246	0.223	#8-32
SAIFMM-31	0.3123	5/16	4	3.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-32	0.1248	1/8	5	4.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-33	0.1404	9/64	5	4.995	0.500	0.211	0.295	0.590	0.105	#4-40
SAIFMM-34	0.1561	5/32	5	4.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-35	0.1717	11/64	5	4.995	0.500	0.258	0.361	0.721	0.129	#4-40
SAIFMM-36	0.1873	3/16	5	4.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-37	0.2029	13/64	5	4.995	0.625	0.304	0.426	0.852	0.152	#6-32
SAIFMM-38	0.2186	7/32	5	4.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-39	0.2342	15/64	5	4.995	0.750	0.351	0.492	0.984	0.176	#6-32
SAIFMM-40	0.2498	1/4	5	4.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-41	0.2654	17/64	5	4.995	0.750	0.398	0.557	1.115	0.199	#8-32
SAIFMM-42	0.2811	9/32	5	4.995	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-43	0.2967	19/64	5	4.995	0.750	0.445	0.623	1.246	0.223	#8-32
SAIFMM-44	0.3123	5/16	5	4.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-45	0.3436	11/32	5	4.995	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-46	0.3748	318	5	4.995	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-47	0.1248	1/8	6	5.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-48	0.1404	9/64	6	5.995	0.500	0.211	0.295	0.590	0.105	#4-40
SAIFMM-49	0.1561	5/32	6	5.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-50	0.1717	11/64	6	5.995	0.500	0.258	0.361	0.721	0.129	#4-40
SAIFMM-51	0.1873	3/16	6	5.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-52	0.2029	13/64	6	5.995	0.625	0.304	0.426	0.852	0.152	#6-32
SAIFMM-53	0.2186	7/32	6	5.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-54	0.2342	15/64	6	5.995	0.750	0.351	0.492	0.984	0.176	#6-32
SAIFMM-55	0.2498	1/4	6	5.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-56	0.2654	17/64	6	5.995	0.750	0.398	0.557	1.115	0.199	#8-32
SAIFMM-57	0.2811	9/32	6	5.995	0350	0.422	0.590	1.180	0.211	#8-32
SAIFMM-58	0.2967	19/64	6	5.995	0.750	0.445	0.623	1.246	0.223	#8-32
SAIFMM-59	0.3123	5/16	6	5.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-60	0.3436	11/32	6	5.995	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-61	0.3748	3/8	6	5.995	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-62	0.1248	118	7	6.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-63	0.1561	5/32	7	6.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-64	0.1873	3/16	7	6.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-65	0.2186	7/32	7	6.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-66	0.2498	1/4	7	6.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-67	0.2811	9/32	7	6.995	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-68	0.3123	5/16	7	6.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-69	0.3436	11/32	7	6.995	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-70	0.3748	3/8	7	6.995	1.000	0.562	0.787	1.574	0.281	#10-32



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PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
7MM TO 18MM	INCH FEMALE - METRIC MALE - PIN HUB	303 STAINLESS STEEL

STOCK NO.	Inch Female ØD1 (Inches)		Metric Male ØD2 (mm)		ØC	H	B	A	E	G
	Decimal	Fraction	Nom	Actual						UNC-2B
SAIFMM-71	0.4061	13/32	7	6.995	1.125	0.609	0.853	1.705	0.305	1/4-20
SAIFMM-72	0.4373	7/16	7	6.995	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-73	0.1248	1/8	8	7.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-74	0.1561	5/32	8	7.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-75	0.1873	3/16	8	7.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-76	0.2186	7/32	8	7.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-77	0.2498	1/4	8	7.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-78	0.2811	9/32	8	7.995	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-79	0.3123	5/16	8	7.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-80	0.3436	11/32	8	7.995	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-81	0.3748	318	8	7.995	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-82	0.4061	13/32	8	7.995	1.125	0.609	0.853	1.705	0.305	1/4-20
SAIFMM-83	0.4373	7/16	8	7.995	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-84	0.4998	1/2	8	7.995	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-85	0.1248	1/8	9	8.995	0.500	0.187	0.262	0.524	0.094	#2-56
SAIFMM-86	0.1561	5/32	9	8.995	0.500	0.234	0.328	0.655	0.117	#4-40
SAIFMM-87	0.1873	3/16	9	8.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-88	0.2186	7/32	9	8.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-89	0.2498	1/4	9	8.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-90	0.2811	9/32	9	8.995	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-91	0.3123	5/16	9	8.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-92	0.3436	11/32	9	8.995	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-93	0.3748	3/8	9	8.995	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-94	0.4061	13132	9	8.995	1.125	0.609	0.853	1.705	0.305	1/4-20
SAIFMM-95	0.4373	7/16	9	8.995	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-96	0.4998	1/2	9	8.995	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-97	0.1873	3/16	10	9.995	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-98	0.2186	7/32	10	9.995	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-99	0.2498	1/4	10	9.995	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-100	0.2811	9/32	10	9.995	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-101	0.3123	5/16	10	9.995	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-102	0.3436	11/32	10	9.995	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-103	0.3748	3/8	10	9.995	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-104	0.4061	13/32	10	9.995	1.125	0.609	0.853	1.705	0.305	1/4-20
SAIFMM-105	0.4373	7/16	10	9.995	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-106	0.4998	1/2	10	9.995	1.250	0.750	1.050	2.099	0.375	114-20
SAIFMM-107	0.5623	9/16	10	9.995	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-108	0.6248	518	10	9.995	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-109	0.1873	3/16	12	12	0.500	0.281	0.393	0.787	0.140	#4-40
SAIFMM-110	0.2186	7/32	12	12	0.625	0.328	0.459	0.918	0.164	#6-32
SAIFMM-111	0.2498	1/4	12	12	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-112	0.2811	9/32	12	12	0.750	0.422	0.590	1.180	0.211	#8-32
SAIFMM-113	0.3123	5/16	12	12	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-114	0.3436	11/32	12	12	1.000	0.515	0.721	1.443	0.258	#10-32
SAIFMM-115	0.3748	3/8	12	12	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-116	0.4061	13132	12	12	1.125	0.609	0.853	1.705	0.305	1/4-20
SAIFMM-117	0.4373	7/16	12	12	1.125	0.656	0.918	1.837	0.328	114-20
SAIFMM-118	0.4998	1/2	12	12	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-119	0.5623	9/16	12	12	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-120	0.6248	5/8	12	12	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-121	0.6873	11/16	12	12	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-122	0.1873	3/16	14	14	0.625	0.281	0.393	0.787	0.140	#4-40
SAIFMM-123	0.2498	1/4	14	14	0.750	0.375	0.525	1.049	0.187	#6-32
SAIFMM-124	0.3123	5/16	14	14	1.000	0.468	0.656	1.312	0.234	#8-32
SAIFMM-125	0.3748	3/8	14	14	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-126	0.4373	7/16	14	14	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-127	0.4998	1/2	14	14	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-128	0.5623	9/16	14	14	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-129	0.6248	5/8	14	14	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-130	0.6873	11/16	14	14	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-131	0.7498	3/4	14	14	1.625	1.125	1.575	3.149	0.562	1/4-20
SAIFMM-132	0.8123	13/16	14	14	1.750	1.218	1.706	3.412	0.609	1/4-20
SAIFMM-133	0.3748	3/8	16	16	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-134	0.4373	7/16	16	16	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-135	0.4998	1/2	16	16	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-136	0.5623	9/16	16	16	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-137	0.6248	5/8	16	16	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-138	0.6873	11/16	16	16	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-139	0.7498	3/4	16	16	1.625	1.125	1.575	3.149	0.562	1/4-20
SAIFMM-140	0.8123	13/16	16	16	1.750	1.218	1.706	3.412	0.609	1/4-20
SAIFMM-141	0.8748	7/8	16	16	1.750	1.312	1.837	3.674	0.656	1/4-20
SAIFMM-142	0.9373	15/16	16	16	2.000	1.406	1.968	3.937	0.703	1/4-20
SAIFMM-143	0.9998	1	16	16	2.000	1.500	2.100	4.199	0.750	1/4-20
SAIFMM-144	0.3748	3/8	18	18	1.000	0.562	0.787	1.574	0.281	#10-32
SAIFMM-145	0.4373	7/16	18	18	1.125	0.656	0.918	1.837	0.328	1/4-20
SAIFMM-146	0.4998	1/2	18	18	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-147	0.5623	9/16	18	18	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-148	0.6248	5/8	18	18	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-149	0.6873	11/16	18	18	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-150	0.7498	3/4	18	18	1.625	1.125	1.575	3.149	0.562	1/4-20
SAIFMM-151	0.8123	13/16	18	18	1.750	1.218	1.706	3.412	0.609	1/4-20
SAIFMM-152	0.8748	7/8	18	18	1.750	1.312	1.837	3.674	0.656	1/4-20
SAIFMM-153	0.9373	15/16	18	18	2.000	1.406	1.968	3.937	0.703	1/4-20
SAIFMM-154	0.9998	1	18	18	2.000	1.500	2.100	4.199	0.750	1/4-20
SAIFMM-155	1.1248	1 1/8	18	18	2.250	1.687	2.362	4.724	0.844	3/8-16

See drawing on previous page.

Continued on next page.

PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
20MM TO 30MM	INCH FEMALE - METRIC MALE - PIN HUB	303 STAINLESS STEEL

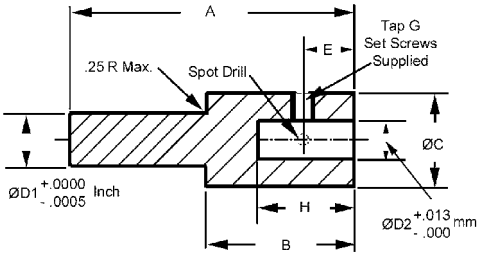
STOCK NO.	Inch Female ØD1 (Inches)		Metric Male ØD2 (mm)		ØC	H	B	A	E	G
	Decimal	Fraction	Nom	Actual						UNC-2B
SAIFMM-156	0.4998	1/2	20	20	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-157	0.5623	9/16	20	20	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-158	0.6248	5/8	20	20	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-159	0.6873	11/16	20	20	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-160	0.7498	3/4	20	20	1.625	1.125	1.575	3.149	0.562	1/4-20
SAIFMM-161	0.8123	13/16	20	20	1.750	1.218	1.706	3.412	0.609	1/4-20
SAIFMM-162	0.8748	7/8	20	20	1.750	1.312	1.837	3.674	0.656	1/4-20
SAIFMM-163	0.9373	15/16	20	20	2.000	1.406	1.968	3.937	0.703	1/4-20
SAIFMM-164	0.9998	1	20	20	2.000	1.500	2.100	4.199	0.750	1/4-20
SAIFMM-165	1.1248	1 1/8	20	20	2.250	1.687	2.362	4.724	0.844	3/8-16
SAIFMM-166	1.2498	1 1/4	20	20	2.250	1.875	2.625	5.249	0.937	3/8-16
SAIFMM-167	0.4998	1/2	25	25	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-168	0.5623	9/16	25	25	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-169	0.6248	5/8	25	25	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-170	0.6873	11/16	25	25	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-171	0.7498	3/4	25	25	1.625	1.125	1.575	3.149	0.562	1/4-20
SAIFMM-172	0.8123	13/16	25	25	1.750	1.218	1.706	3.412	OM9	1/4-20
SAIFMM-173	0.8748	7/8	25	25	1.750	1.312	1.837	3.674	0.656	1/4-20
SAIFMM-174	0.9373	15/16	25	25	2.000	1.406	1.968	3.937	0.703	1/4-20
SAIFMM-175	0.9998	1	25	25	2.000	1.500	2.100	4.199	0.750	1/4-20
SAIFMM-176	1.1248	1 1/8	25	25	2.250	1.687	2.362	4.724	0.844	3/8-16
SAIFMM-177	1.2498	1 1/4	25	25	2.250	1.875	2.625	5.249	0.937	3/8-16
SAIFMM-178	1.3748	1 3/8	25	25	2.250	2.062	2.887	5.774	1.031	3/8-16
SAIFMM-179	1.4998	1 1/2	25	25	2.500	2.250	3.150	6.299	1.125	3/8-16
SAIFMM-180	0.4998	1/2	30	30	1.250	0.750	1.050	2.099	0.375	1/4-20
SAIFMM-181	0.5623	9/16	30	30	1.250	0.843	1.181	2.362	0.422	1/4-20
SAIFMM-182	0.6248	5/8	30	30	1.250	0.937	1.312	2.624	0.469	1/4-20
SAIFMM-183	0.6873	11/16	30	30	1.500	1.031	1.443	2.887	0.515	1/4-20
SAIFMM-184	0.7498	3/4	30	30	1.625	1.125	1.575	3.149	0.562	1/4-20
SAIFMM-185	0.8123	13/16	30	30	1.750	1.218	1.706	3.412	0.609	1/4-20
SAIFMM-186	0.8748	7/8	30	30	1.750	1.312	1.837	3.674	0.656	1/4-20
SAIFMM-187	0.9373	15/16	30	30	2.000	1.406	1.968	3.937	0.703	1/4-20
SAIFMM-188	0.9998	1	30	30	2.000	1.500	2.100	4.199	0.750	1/4-20
SAIFMM-189	1.1248	1 1/8	30	30	2.250	1.687	2.362	4.724	0.844	3/8-16
SAIFMM-190	1.2498	1 1/4	30	30	2.250	1.875	2.625	5.249	0.937	3/8-16
SAIFMM-191	1.3748	1 3/8	30	30	2.250	2.062	2.887	5.774	1.031	3/8-16
SAIFMM-192	1.4998	1 1/2	30	30	2.500	2.250	3.150	6.299	1.125	3/8-16
SAIFMM-193	1.6248	1 5/8	30	30	2.750	2.437	3.412	6.824	1.219	3/8-16

See drawing on page G66.

PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
2MM TO 7MM	INCH MALE - METRIC FEMALE - PIN HUB	303 STAINLESS STEEL

STOCK NO.	Inch Male ØD1 (Inches)		Metric Female ØD2 (mm)		ØC	H	B	A	E	G
	Decimal	Fraction	Nom	Actual						6H
SAIMMF-1	0.0467	3/64	2	1.996	0.236	0.157	0.220	0.441	0.079	M1.6x0.35
SAIMMF-2	0.0623	1/16	2	1.996	0.236	0.157	0.220	0.441	0.079	M1.6x0.35
SAIMMF-3	0.0779	5/64	2	1.996	0.236	0.157	0.220	0.441	0.079	M1.6x0.35
SAIMMF-4	0.0936	3/32	2	1.996	0.236	0.157	0.220	0.441	0.079	M1.6x0.35
SAIMMF-5	0.1092	7/64	2	1.996	0.236	0.157	0.220	0.441	0.079	M1.6x0.35
SAIMMF-6	0.1248	1/8	2	1.996	0.236	0.157	0.220	0.441	0.079	M1.6x0.35
SAIMMF-7	0.0779	5/64	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-8	0.0936	3/32	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-9	0.1092	7/64	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-10	0.1248	1/8	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-11	0.1404	9/64	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-12	0.1561	5/32	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-13	0.1717	11/64	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-14	0.1873	3/16	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-15	0.2029	13/64	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-16	0.2186	7/32	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-17	0.2342	15/64	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-18	0.2498	1/4	3	2.996	0.315	0.236	0.331	0.661	0.118	M2x0.4
SAIMMF-19	0.0936	3/32	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-20	0.1092	7/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-21	0.1248	1/8	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-22	0.1404	9/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-23	0.1561	5/32	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-24	0.1717	11/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-25	0.1873	3/16	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-26	0.2029	13/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-27	0.2186	7/32	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-28	0.2342	15/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-29	0.2498	1/4	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-30	0.2654	17/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-31	0.2811	9/32	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-32	0.2967	19/64	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-33	0.3123	5/16	4	3.996	0.394	0.315	0.441	0.882	0.157	M3x0.5
SAIMMF-34	0.1248	1/8	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-35	0.1404	9/64	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-36	0.1561	5/32	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-37	0.1717	11/64	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-38	0.1873	3/16	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-39	0.2029	13/64	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-40	0.2186	7/32	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-41	0.2342	15/64	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-42	0.2498	1/4	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-43	0.2654	17/64	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-44	0.2811	9/32	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-45	0.2967	19/64	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-46	0.3123	5/16	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-47	0.3436	11/32	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-48	0.3748	3/8	5	4.996	0.472	0.394	0.551	1.102	0.197	M3x0.5
SAIMMF-49	0.1248	1/8	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-50	0.1404	9/64	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-51	0.1561	5/32	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-52	0.1717	11/64	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-53	0.1873	3/16	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-54	0.2029	13/64	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-55	0.2186	7/32	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-56	0.2342	15/64	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-57	0.2498	1/4	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-58	0.2654	17/64	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-59	0.2811	9/32	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-60	0.2967	19/64	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-61	0.3123	5/16	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-62	0.3436	11/32	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-63	0.3748	3/8	6	5.996	0.551	0.472	0.661	1.323	0.236	M3x0.5
SAIMMF-64	0.1248	1/8	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-65	0.1561	5/32	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-66	0.1873	3/16	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-67	0.2186	7/32	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-68	0.2498	1/4	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-69	0.2811	9132	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-70	0.3123	5/16	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-71	0.3436	11/32	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-72	0.3748	318	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-73	0.4061	13/32	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7
SAIMMF-74	0.4373	7/16	7	6.996	0.630	0.551	0.772	1.543	0.276	M4x0.7



All dimensions are in inches, except where noted.

D1 & D2 are concentric within .0005.

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PRECISION SHAFT ADAPTERS

SHAFT SIZES	STYLE	MATERIAL
8MM TO 16MM	INCH MALE - METRIC FEMALE - PIN HUB	303 STAINLESS STEEL

STOCK NO.	Inch Male ØD1 (Inches)		Metric Female ØD2 (mm)		ØC	H	B	A	E	G
	Decimal	Fraction	Nom	Actual						6H
SAIMMF-75	0.1248	1/8	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-76	0.1561	5/32	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-77	0.1873	3/16	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-78	0.2186	7/32	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-79	0.2498	1/4	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-80	0.2811	9/32	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-81	0.3123	5/16	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-82	0.3436	11/32	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-83	0.3748	3/8	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-84	0.4061	13/32	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-85	0.4373	7/16	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-86	0.4998	1/2	8	7.996	0.787	0.630	0.882	1.764	0.315	M4x0.7
SAIMMF-87	0.1248	1/8	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-88	0.1561	5/32	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-89	0.1873	3/16	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-90	0.2186	7/32	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-91	0.2498	1/4	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-92	0.2811	9/32	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-93	0.3123	5/16	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-94	0.3436	11/32	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-95	0.3748	3/8	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-96	0.4061	13/32	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-97	0.4373	7/16	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-98	0.4998	1/2	9	8.996	0.787	0.709	0.992	1.984	0.354	M5x0.8
SAIMMF-99	0.1873	3/16	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-100	0.2186	7/32	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-101	0.2498	1/4	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-102	0.2811	9/32	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-103	0.3123	5/16	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-104	0.3436	11/32	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-105	0.3748	3/8	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-106	0.4061	13/32	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-107	0.4373	7/16	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-108	0.4998	1/2	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-109	0.5623	9/16	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-110	0.6248	5/8	10	9.996	0.866	0.787	1.102	2.205	0.394	M5x0.8
SAIMMF-111	0.1873	3/16	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-112	0.2186	7/32	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-113	0.2498	1/4	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-114	0.2811	9/32	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-115	0.3123	5/16	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-116	0.3436	11/32	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-117	0.3748	3/8	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-118	0.4061	13/32	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-119	0.4373	7/16	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-120	0.4998	1/2	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-121	0.5623	9/16	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-122	0.6248	5/8	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-123	0.6873	11/16	12	11.996	1.024	0.945	1.323	2.646	0.472	M6x1.0
SAIMMF-124	0.1873	3/16	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-125	0.2498	1/4	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-126	0.3123	5/16	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-127	0.3748	3/8	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-128	0.4373	7/16	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-129	0.4998	1/2	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-130	0.5623	9/16	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-131	0.6248	5/8	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-132	0.6873	11/16	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-133	0.7498	3/4	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-134	0.8123	13/16	14	13.996	1.181	1.102	1.543	3.087	0.551	M6x1.0
SAIMMF-135	0.3748	3/8	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-136	0.4373	7/16	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-137	0.4998	1/2	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-138	0.5623	9/16	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-139	0.6248	5/8	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-140	0.6873	11/16	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-141	0.7498	3/4	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-142	0.8123	13/16	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-143	0.8748	7/8	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-144	0.9373	15/16	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0
SAIMMF-145	0.9998	1	16	15.996	1.339	1.260	1.764	3.528	0.630	M6x1.0

See drawing on previous page.

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PRECISION SHAFT ADAPTERS

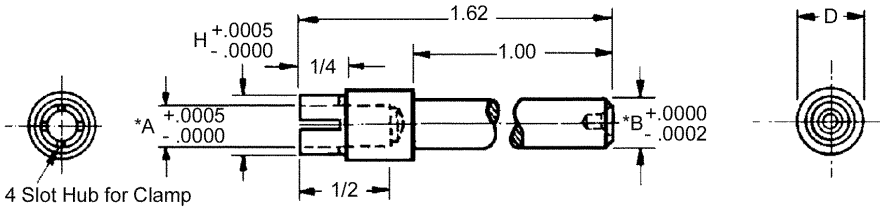
SHAFT SIZES	STYLE	MATERIAL
18MM TO 30MM	INCH MALE - METRIC FEMALE - PIN HUB	303 STAINLESS STEEL

STOCK NO.	Inch Male ØD1 (Inches)		Metric Female ØD2 (mm)		ØC	H	B	A	E	G
	Decimal	Fraction	Nom	Actual						6H
SAIMMF-146	0.3748	3/8	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-147	0.4373	7/16	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-148	0.4998	1/2	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-149	0.5623	9/16	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-150	0.6248	5/8	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-151	0.6873	11/16	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-152	0.7498	3/4	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-153	0.8123	13/16	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-154	0.8748	7/8	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-155	0.9373	15/16	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-156	0.9998	1	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-157	1.1248	1 1/8	18	17.996	1.575	1.417	1.984	3.969	0.709	M6x1.0
SAIMMF-158	0.4998	1/2	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-159	0.5623	9/16	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-160	0.6248	5/8	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-161	0.6873	11/16	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-162	0.7498	3/4	20	19.996	1.575	1,575	2.205	4.409	0.787	M8x1.25
SAIMMF-163	0.8123	13/16	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-164	0.8748	7/8	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-165	0.9373	15/16	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-166	0.9998	1	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-167	1.1248	1 1/8	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-168	1.2498	1 1/4	20	19.996	1.575	1.575	2.205	4.409	0.787	M8x1.25
SAIMMF-169	0.4998	1/2	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-170	0.5623	9/16	25	24.996	1.969	1.969	2.756	5.512	0.984	M10X1.5
SAIMMF-171	0.6248	5/8	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-172	0.6873	11/16	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-173	0.7498	3/4	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-174	0.8123	13/16	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-175	0.8748	7/8	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-176	0.9373	15/16	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-177	0.9998	1	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-178	1.1248	1 1/8	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-179	1.2498	1 1/4	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-180	1.3748	1 3/8	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-181	1.4998	1 1/2	25	24.996	1.969	1.969	2.756	5.512	0.984	M10x1.5
SAIMMF-182	0.4998	1/2	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-183	0,5623	9/16	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-184	0.6248	5/8	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-185	0.6873	11/16	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-186	0.7498	3/4	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-187	0.8123	13/16	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-188	0.8748	7/8	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-189	0.9373	15/16	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-190	0.9998	1	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-191	1.1248	1 1/8	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-192	1.2498	1 1/4	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-193	1.3748	1 3/8	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-194	1.4998	1 1/2	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5
SAIMMF-195	1.6248	1 5/8	30	29.996	2.205	2.362	3.307	6.614	1.181	M10x1.5

See drawing on page.G69.

SHAFT EXTENSIONS

SHAFT SIZES	STYLE	MATERIAL
.1200 TO .3748	CLAMP HUB	303 STAINLESS STEEL



STOCK NO.	ØA (FEMALE END)	ØB (MALE END)	D	H	CLAMP (ORDER SEPARATELY)
PE3-10	.1200	.1247	1/4	.188	CG3-7
PE3-1	.1248	.1247	1/4	.188	
PE3-7	.1248	.1872	1/4	.188	
PE3-8	.1248	.2497	1/4	.188	
PE3-4	.1873	.1247	5/16	.250	CG3-9
PE3-2	.1873	.1872	5/16	.250	
PE3-9	.1873	.2497	5/16	.250	
PE3-5	.2498	.1247	3/8	.312	CG3-11
PE3-6	.2498	.1872	3/8	.312	
PE3-3	.2498	.2497	3/8	.312	
PE3-12	.2498	.3747	3/8	.312	
PE3-11	.3748	.2497	1/2	.437	CG3-15
PE3-13	.3748	.3747	1/2	.437	

*Concentric within .0005

Modifications and specials available on request.

OVERRUNNING COUPLING

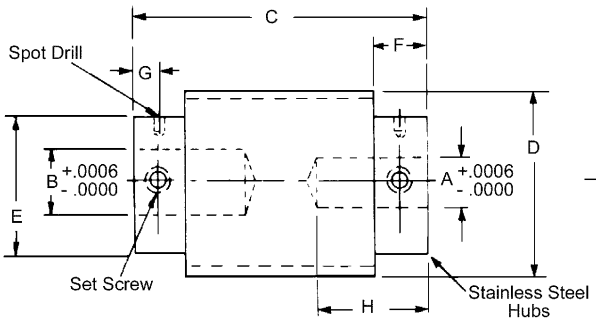
BORE SIZES	STYLE	MATERIAL
1/8” TO 1/2”	CLOCKWISE	416 STAINLESS STEEL HUB RC26-32 DELRIN CENTER

STOCK NO.	A	B	MAX DRIVE TORQUE	MAX DRAG TORQUE	C	D	E	F	G	H	SET SCREW
JB-R-4	.1248	.1248									
JB-R-5	.1248	.1873									
JB-R-6	.1248	.2498	10.0	.10							
JB-R-17	.1873	.1873	IN.	IN.	1.00	.75	.56	.21	.11	.47	#4-40
JB-R-8	.1873	.2498	LBS	LBS							
JB-R-9	.2498	.2498									
JB-R-10	.3123	.3123									
JB-R-11	.3123	.3748									
JB-R-12	.3123	.4998	80.0	.25							
JB-R-13	.3748	.3748	IN.	IN.	1.48	1.38	1.00	.33	.20	.73	#10-32
JB-R-14	.3748	.4998	LBS	LBS							
JB-R-15	.4998	.4998									

Locking R.H. Hub, L.H. drives clockwise

BORE SIZES	STYLE	MATERIAL
1/8” TO 1/2”	COUNTER-CLOCKWISE	416 STAINLESS STEEL HUB RC26-32 DELRIN CENTER

STOCK NO.	A	B	MAX DRIVE TORQUE	MAX DRAG TORQUE	C	D	E	F	G	H	SET SCREW
JB-L-4	.1248	.1248									
JB-L-5	.1248	.1873									
JB-L-6	.1248	.2498	10.0	.10							
JB-L-17	.1873	.1873	IN.	IN.	1.00	.75	.56	.21	.11	.47	#4-40
JB-L-8	.1873	.2498	LBS	LBS							
JB-L-9	.2498	.2498									
JB-L-10	.3123	.3123									
JB-L-11	.3123	.3748									
JB-L-12	.3123	.4998	80.0	.25							
JB-L-13	.3748	.3748	IN.	IN.	1.48	1.38	1.00	.33	.20	.73	#10-32
JB-L-14	.3748	.4998	LBS	LBS							
JB-L-15	.4998	.4998									



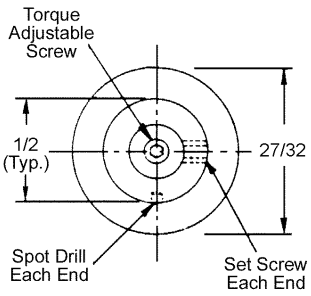
Locking R.H. Hub, L.H. drives counter-clockwise

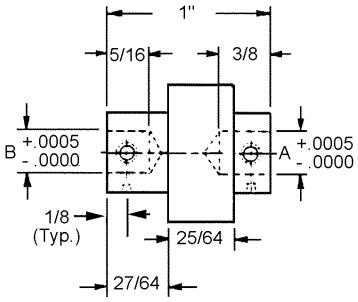
Drive load in one direction.
Clutch rotates freely in opposite direction

Note: Backlash is less than 1º (degree) in driving direction.

SLIP COUPLINGS

BORE SIZES	TORQUE	MATERIAL
1/8” TO 1/4”	ADJUSTABLE SEE GRAPH BELOW	STAINLESS STEEL HOUSING

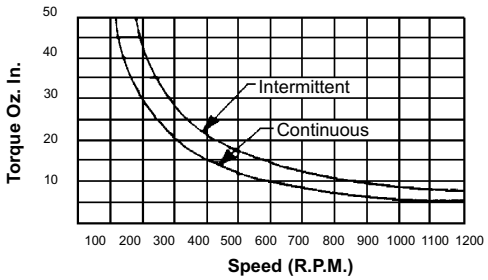




PIN HUB STOCK NUMBER	A BORE	B BORE
JK-1	.1250	.1250
JK-2	.1250	.1875
JK-3	.1250	.2500
JK-4	.1875	.1875
JK-5	.1875	.2500
JK-7	.2500	.2500

CLAMP HUB STOCK NUMBER	A BORE	B BORE	CLAMP
JK-2C	.1250	.1875	CG1-5/-8
JK-3C	.1250	.2500	CG1-5/-12
JK-4C	.1875	.1875	CG1-8/-8
JK-5C	.1875	.2500	CG1-8/-12
JK-7C	.2500	.2500	CG1-12/-12

- Bi-Directional
- No Lubrication required
- Rulon clutch faces for smooth operation and long life at high speeds
- Consistent breakaway torques and performance at slip speeds up to 1200 R.P.M
- Slip torque is set and may be adjusted

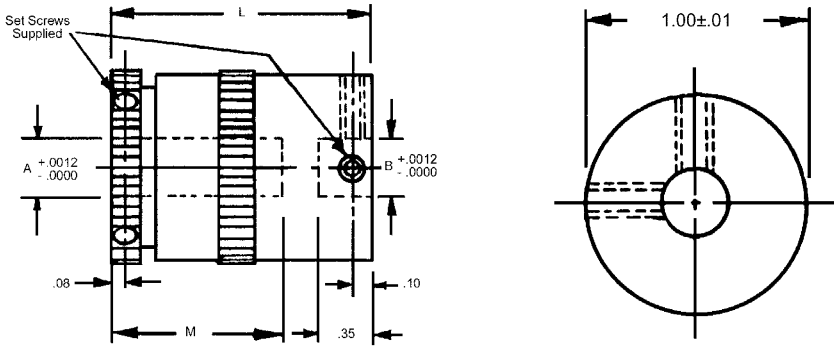


Note:
Clutch capacity can be determined by use of the chart. The curves are based on a predetermined maximum temperature rise in the clutch when operated in an ambient temperature of 70ÞF. The intermittent curve applies to applications where the slipping period is 10 minutes or less and the cooling period is equal or greater.

Torque settings are maintained within plus or minus 20% over the full speed range. Stability is improved for constant speed applications.

SLIP COUPLINGS

BORE SIZES	TORQUE	MATERIAL
1/4” AND 5/16”	ADJUSTABLE FROM 3.402 OZ.IN. TO 187.4 OZ.IN.	HOUSING ADJUSTER PINS: ALUMINUM ALLOY WITH ALOCROM FINISH ADAPTERS, HUBS AND PLATES: HEAT TREATED STEEL, BRONZE BEARING



STOCK NUMBER	A BORE	B BORE	L	M	ADJUSTABLE TORQUE RANGE		WEIGHT
					MIN.	MAX.	
JJ-25 JJ-26	.2500 .3125	.2500 .3125	1.42	.98	3.4 IN. OZ.	76.0 IN. OZ.	50g
JJ-27 JJ-28	.2500 .3125	.2500 .3125	1.65	1.22	11.0 IN. OZ.	187.4 IN. OZ.	61g

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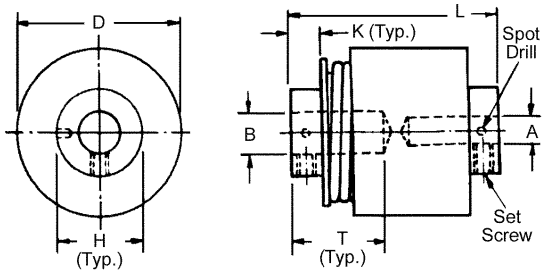
SLIP COUPLINGS

BORE SIZES	TORQUE	MATERIAL
1/8” AND 3/4”	ADJUSTABLE 5 OZ.IN. TO 320 OZ.IN.	STAINLESS STEEL



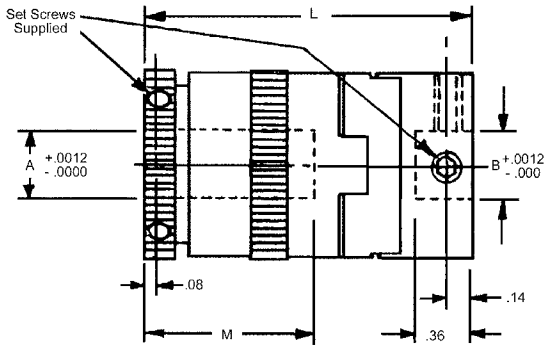
STOCK NO.	BORE +.0006 -.0000 A	BORE +.0006 -.0000 B	L ±.02	D ±.02	H ±.02	K ±.02	T	TORQUE Bi DIRECTION (OZ. IN.)
JJ-1	.1250	.1250	.89	.50	.37	.17	.43	5 ± .7
JJ-2	.1250	.1875						
JJ-3	.1875	.1875						
JJ-4	.1875	.1875	1.11	.75	.50	.19	.50	12 ± 1.2
JJ-5	.1875	.2500						
JJ-6	.2500	.2500						
JJ-7	.1875	.1875	1.26	1.00	.50	.19	.55	20 ± 2
JJ-8	.1875	.2500						
JJ-9	.2500	.2500						
JJ-10	.2500	.2500	1.43	1.25	.62	.25	.62	48 ± 5
JJ-11	.2500	.3750						
JJ-12	.3750	.3750						
JJ-13	.3125	.3125	1.59	1.50	.75	.25	.73	88 ± 9
JJ-14	.3750	.3750						
JJ-15	.3750	.3750	1.84	1.87	.87	.28	.85	120 ± 12
JJ-16	.3750	.5000						
JJ-17	.5000	.5000						
JJ-18	.3750	.3750	2.25	2.25	1.25	.38	1.00	240 ± 24
JJ-19	.3750	.5000						
JJ-20	.5000	.5000						
JJ-21	.5000	.6250						
JJ-22	.6250	.6250						
JJ-23	.6250	.7500						
JJ-24	.7500	.7500						
JJ-18-X	.3750	.3750	2.25	2.25	1.25	.38	1.00	320 ± 10
JJ-19-X	.3750	.5000						
JJ-20-X	.5000	.5000						
JJ-21-X	.5000	.6250						
JJ-22-X	.6250	.6250						
JJ-23-X	.6250	.7500						
JJ-24-X	.7500	.7500						

- Shaft to Shaft misalignment to .010 max.
- Anqular misalignment 3º max.
- Can run under continuous slip operation

Torque limits calibrated to 5% torques from 1/2 oz./in. to 480 oz./in. available on request.

OLDHAM SLIP COUPLINGS

BORE SIZES	TORQUE	MATERIAL
1/4” AND 5/16”	ADJUSTABLE 3.4 OZ.IN. TO 187.4 OZ.IN.	HOUSING ADJUSTER PINS: ALUMINUM ALLOY WITH ALOCROM; FINISH ADAPTERS, HUBS AND PLATES: HEAT TREATED STEEL; BRONZE BEARING



STOCK NUMBER	A BORE	B BORE	L	M	ADJUSTABLE TORQUE RANGE		WEIGHT
					MIN.	MAX.	
JJ-29 JJ-30	.2500 .3125	.2500 .3125	1.83	.98	3.4 IN. OZ.	76.0 IN. OZ.	57g
JJ-31 JJ-32	.2500 .3125	.2500 .3125	2.07	1.22	11.0 IN. OZ.	187.4 IN. OZ.	68g

- Bi-Directional
- Maximum operating temperature 175ºF
- Maximum backlash 2º

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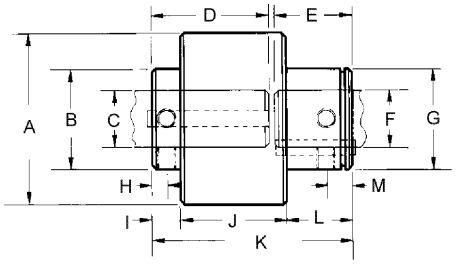
TORQUE LIMITERS

BORE SIZES	TORQUE	MATERIAL
1/2” AND 3/4”	BIDIRECTIONAL 18 IN.-LBS TO 100 IN.-LBS.	6151 STEEL



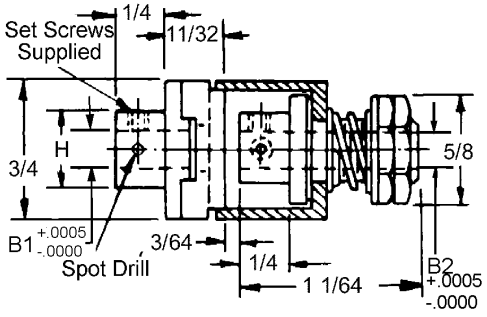
STOCK NO.	C	F	A REF.	D	G	I REF.	J	K REF.	L	TORQUE (IN.-LBS.)	B	E	H/M
JTT2X18-1 JTT2X18-2 JTT2X18-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	18	1.500	1.110	.312
JTT2X24-1 JTT2X24-2 JTT2X24-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	24	1.500	1.110	.312
JTT2X28-1 JTT2X28-2 JTT2X28-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	28	1.500	1.110	.312
JTT2X40-1 JTT2X40-2 JTT2X40-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	40	1.500	1.110	.312
JTT2X50-1 JTT2X50-2 JTT2X50-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	50	1.500	1.110	.312
JTT2X60-1 JTT2X60-2 JTT2X60-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	60	1.500	1.110	.312
JTT2X90-1 JTT2X90-2 JTT2X90-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	90	1.500	1.110	.312
JTT2X100-1 JTT2X100-2 JTT2X100-3	.500 .625 .750	.500 .625 .750	2.500	1.805	1.625	0.455	1.500	2.950	1.000	100	1.500	1.110	.312

Other Bores/Torques are available.

INLINE COUPLING SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/4”	PIN HUB	ADJUSTABLE 0-25 OZ.IN.	303 STAINLESS STEEL

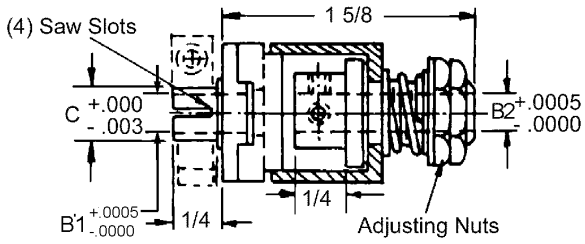
STOCK NO.	B1	B2	H	ADJUSTABLE SLIP TORQUE
CO16-1	.1248	.1248	5/16	
CO16-2	.1873	.1873	3/8	
CO16-3	.2498	.2498	1/2	0-25 OZ. IN.
CO16-4	.1248	.1873	3/8	
CO16-5	.1248	.2498	1/2	
CO16-6	.1873	.2498	1/2	



PIN HUB

BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/4”	CLAMP HUB	ADJUSTABLE 0-25 OZ.IN.	303 STAINLESS STEEL

STOCK NO.	B1	B2	H	ADJUSTABLE SLIP TORQUE
CO17-1	.1248	.1248	3/16	
CO17-2	.1873	.1873	1/4	
CO17-3	.2498	.2498	5/16	0-25 OZ. IN.
CO17-4	.1248	.1873	1/4	
CO17-5	.1248	.2498	5/16	
CO17-6	.1873	.2498	5/16	



CLAMP HUB

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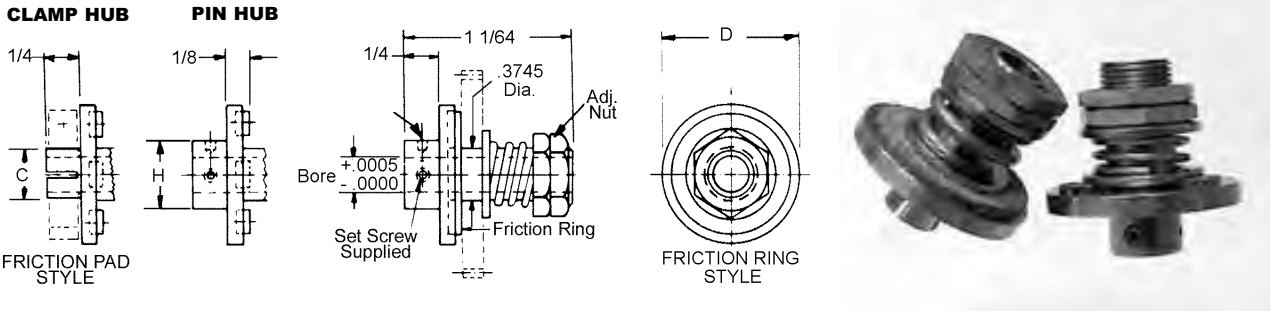
SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/4”	PIN HUB	ADJUSTABLE 0 OZ.IN. TO 50 OZ.IN	303 STAINLESS STEEL

STOCK NO.	BORE SIZE	H	D	FRICTION FACE	ADJUSTABLE SLIP TORQUE
JC-10 JC-11 JC-12	.1248 .1873 .2498	5/16 3/8 1/2	5/8	FRICTION RING	0 TO 10 OZ. IN.
JC-10-50 JC-11-50 JC-12-50	.1248 .1873 .2498	5/16 3/8 1/2	5/8	FRICTION RING	10 TO 50 OZ. IN.
JA-1 JA-2 JA-3	.1248 .1873 .2498	5/16 3/8 1/2	1	FRICTION RING	10 TO 50 OZ. IN.
JC-1 JC-2 JC-3	.1248 .1873 .2498	5/16 3/8 1/2	1	FRICTION PADS	0 TO 10 OZ. IN.
JC-1-50 JC-2-50 JC-3-50	.1248 .1873 .2498	5/16 3/8 1/2	1	FRICTION PADS	10 TO 50 OZ. IN.

BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/4”	CLAMP HUB	ADJUSTABLE 10 OZ.IN. TO 50 OZ.IN	303 STAINLESS STEEL

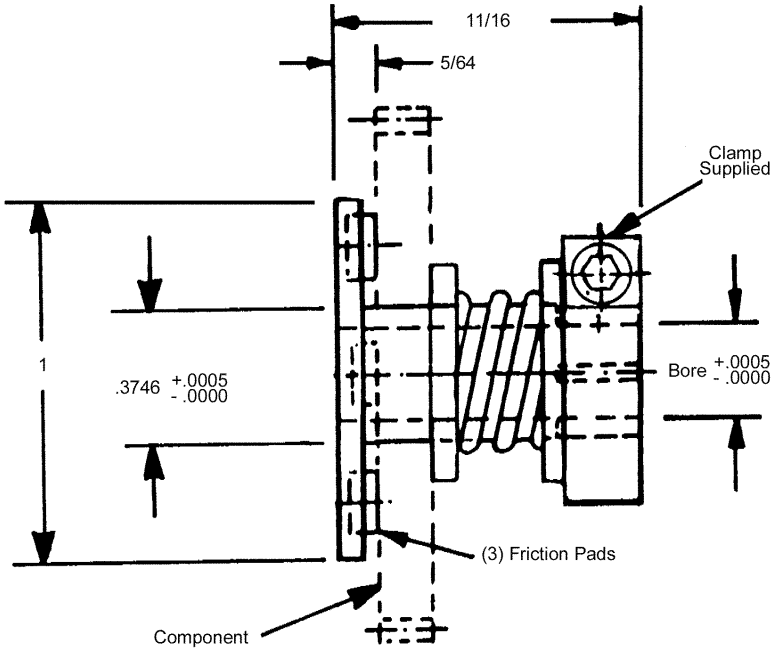
STOCK NO.	BORE SIZE	C	D	FRICTION FACE	ADJUSTABLE SLIP TORQUE
JA-1C JA-2C JA-3C	.1248 .1873 .2498	3/16 1/4 5/16	1	FRICTION RING	10 TO 50 OZ. IN.
JC-1C JC-2C JC-3C	.1248 .1873 .2498	3/16 1/4 5/16	1	FRICTION PADS	0 TO 10 OZ. IN.
JC-1-50C JC-2-50C JC-3-50C	.1248 .1873 .2498	3/16 1/4 5/16	1	FRICTION PADS	10 TO 50 OZ. IN.



Order gears and clamps separately.

SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/4”	CLAMP HUB	ADJUSTABLE 0 OZ.IN. TO 100 OZ.IN.*	303 STAINLESS STEEL



- Use with gears, sprockets, pulleys, ratchets, cams, or other components with 3/8” bores.

STOCK NO.	BORE	COMPONENT THICKNESS (IN.)	ADJUSTABLE SLIP TORQUE (IN.)
JC-7 JC-8 JC-9	.1248 .1873 .2498	1/16 THROUGH 1/8	1/16 - 0 TO 15 OZ. IN. 1/8 - 5 TO 30 OZ. IN.
JC-7-50 JC-8-50 JC-9-50	.1248 .1873 .2498	1/16 THROUGH 1/8	1/16 - 15 TO 50 OZ. IN. 1/8 - 25 TO 100 OZ.IN.

* Adjustable by varying spring force.

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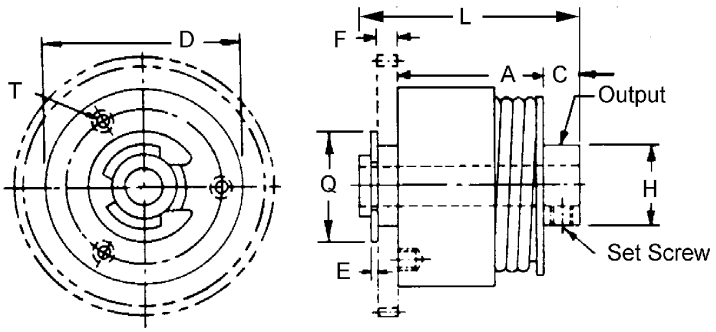
SLIP CLUTCH

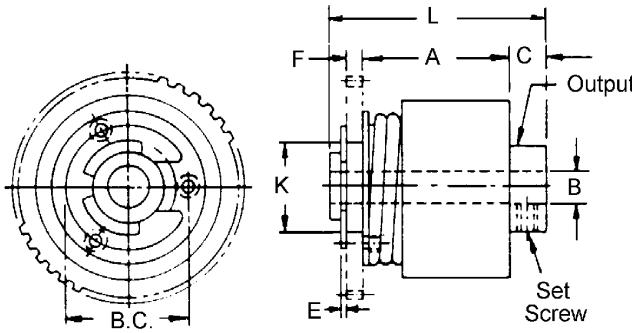
MBORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/2”	1 AND 2	BI-DIRECTIONAL 9 OZ. IN. TO 320 OZ. IN.	STAINLESS STEEL BRONZE BEARINGS

STOCK NO.	B BORE +.0007 -.0000	TORQUE BI-DIRECTIONAL	K DIA. -.0008	L	A	C	STYLE	D	T (DEPTH)	B.C.	F	Q (MAX.)	E	H
JH-1	.1248	9 OZ. IN. ± 1	.3740	1.05	.72	.18	1	.63	#0-80 x .08	.500	.080	.45	.03	.38
JH-1A	.1873	9 OZ. IN. ± 1	.3740	1.05	.72	.18	1	.63	#0-80 x .08	.500	.080	.33	.03	.38
JH-2	.1873	20 OZ. IN. ± 2	.4990	1.24	.85	.21	1	1.00	#1-72 x .10	.650	.095	.68	.04	.50
JH-3	.2498	20 OZ. IN. ± 2	.4990	1.24	.85	.21	1	1.00	#1-72 x .10	.650	.095	.68	.04	.50
JH-3A	.3123	20 OZ. IN. ± 2	.4990	1.24	.85	.21	1	1.00	#1-72 x .10	.650	.095	.68	.04	.50
JH-4	.2498	48 OZ. IN. ± 5	.4990	1.39	.94	.23	1	1.25	#2-56 x .11	.925	.130	.68	.04	.50
JH-4A	.3123	48 OZ. IN. ± 5	.4990	1.39	.94	.23	1	1.25	#2-56 x .11	.925	.130	.68	.04	.50
JH-5	.2498	80 OZ. IN. ± 8	.4990	1.39	.94	.23	1	1.50	#2-56 x .11	.925	.130	.68	.04	.63
JH-5A	.3123	80 OZ. IN. ± 8	.4990	1.39	.94	.23	1	1.50	#2-56 x .11	.925	.130	.68	.04	.63
JH-6	.2498	120 OZ. IN. ± 12	.4990	1.67	1.20	.25	1	1.87	#4-40 x .15	.750	.130	.68	.04	.63
JH-6A	.3123	120 OZ. IN. ± 12	.4990	1.67	1.20	.25	1	1.87	#4-40 x .15	.750	.130	.68	.04	.63
JH-7 JH-8 JH-9 JH-10	.2498 .3123 .3748 .4998	240 OZ. IN. ± 24	.7490	1.88	1.34	.29	2	2.25	#4-40 x .17	1.170	.130	.74	.04	1.00
JH-7-X JH-8-X JH-9-X JH-10-X	.2498 .3123 .3748 .4998	320 OZ. IN. ± 24	.7490	1.88	1.34	.29	2	2.25	#4-40 x .17	1.170	.130	.74	.04	1.00

• Torques from 1/2 oz. in. to 480 oz. in. are available on request.
• Torque limits calibrated to 5% on request.



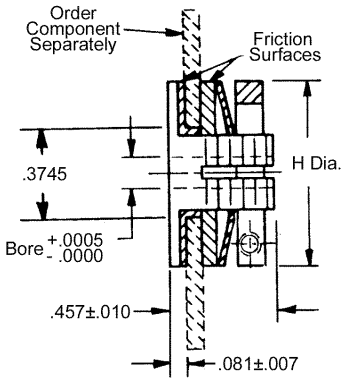
STYLE 1

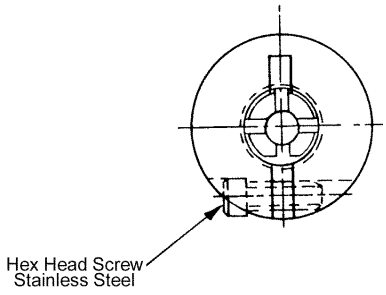


STYLE 2

MINIATURE SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/4”	CLAMP HUB	ADJUSTABLE 0 OZ.IN. TO 50 OZ.IN.*	ANODIZED ALUMINUM





STOCK NO.	H	BORE	COMPONENT THICKNESS (IN.)
JA-4	.625	.1248	1/16 THROUGH 1/8
JA-5	.625	.1873	
JA-6	.750	.2498	

- Use with gears, sprockets, pulleys, ratchets, cams, or other components with 3/8” bores.

Special bore sizes available on request.

* Adjusted by varying spring force.

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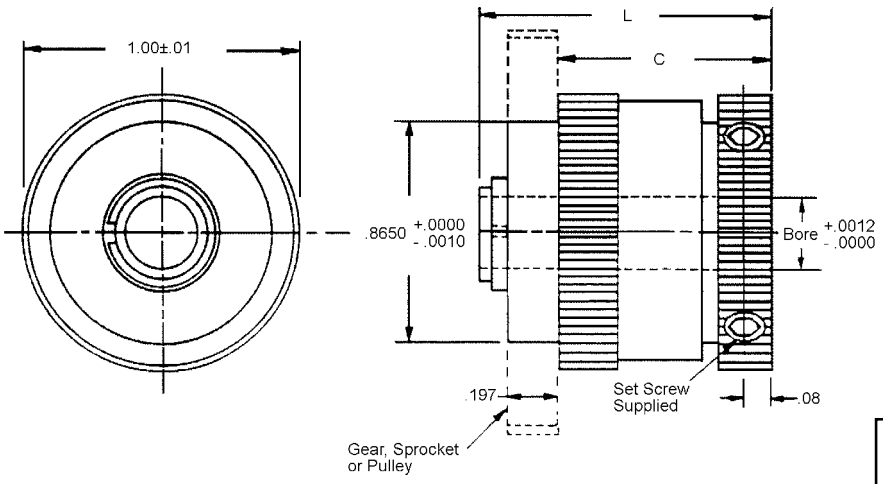
SLIP CLUTCHES AND COUPLINGS

BORE	TORQUE	MATERIAL
1/4” TO 5/16”	ADJUSTABLE 3.4 OZ.IN. TO 187.4 OZ.IN.	STAINLESS STEEL BRONZE BEARING



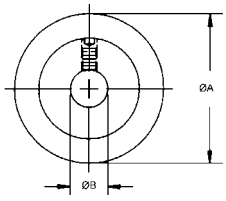
- Maximum operating temperature 175ºF
- Maximum backlash 2º
- Bi-directional
- Fine-knurled torque adjustment rings

STOCK NO.	BORE	L	C	ADJUSTABLE TORQUE RANGE MIN.	ADJUSTABLE TORQUE RANGE MAX.	WEIGHT
JH-11 JH-12	.2500 .3125	1.04	.79	3.4 IN. OZ.	76.0 IN.OZ.	37g
JH-13 JH-14	.2500 .3125	1.28	1.03	11.0 IN. OZ.	187.4 N.OZ	48g

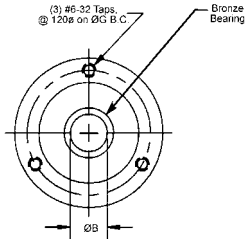
BORE	STYLE	TORQUE	MATERIAL
1/8” TO 1/2”	OPEN OR CLOSED	ADJUSTABLE 4.80 OZ.IN. TO 400 OZ.IN.	STAINLESS STEEL BRONZE BEARING

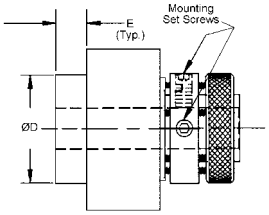
SHAFT TO COMPONENT	SHAFT TO SHAFT	ØB +.002 -.000	ØA	C	ØD	E	ØG	ADJUSTABLE TORQUE RANGE	STYLE
JCL-1 JCL-2 JCL-3	JCO-1 JCO-2 JCO-3	.125 .187 .250	1.00	1.31	.50	.25	.750	4.8 TO 160 IN. OZ.	CLOSED
JCL-4 JCL-5 JCL-6	JCO-4 JCO-5 JCO-6	.250 .375 .500	1.50	2.50	1.00	.37	1.250	8 TO 400 IN. OZ.	OPEN

SLIP COUPLING
JCO SERIES - CLOSED



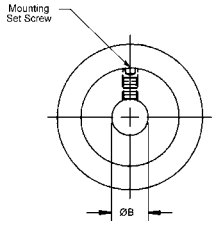
SLIP CLUTCH
JCL SERIES - CLOSED



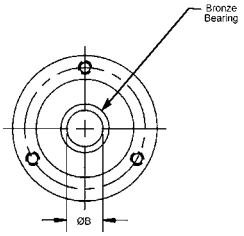


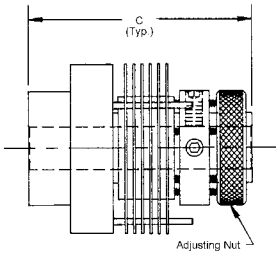
CLOSED

SLIP COUPLING
JCO SERIES - OPEN



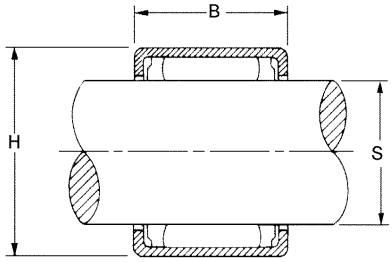
SLIP CLUTCH
JCL SERIES - OPEN



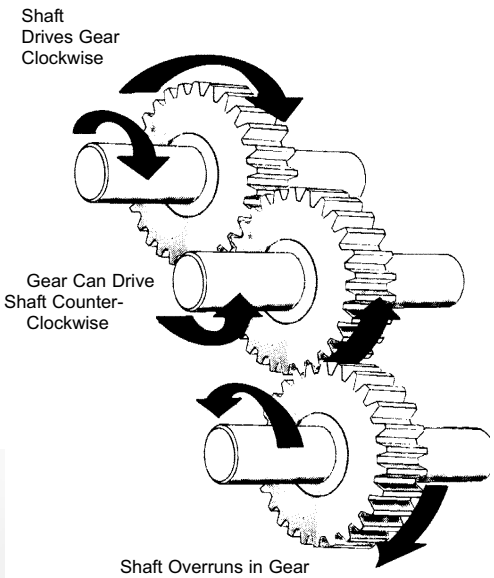


ROLLER CLUTCHES

BORE	STYLE	MATERIAL
1/8” TO 3/4”	DRAWN CUP DESIGN ONE DIRECTIONAL DRIVE	ROLLER CUP - CASE HARDENED STEEL; NEEDLE BEARINGS - 52100 HARDENED CHROME STEEL; SPRINGS - STAINLESS STEEL; CAGE - NYLON 66 (or Equiv.)



- Ideal For Indexing, Backstopping Or Overrunning Operations
- Free Rolling One Way, Drives In Opposite Direction
- Light Weight, Low Profile
- High Indexing, Frequency
- Temp. Range, Grease - 50Þ To + 160ÞF



STOCK NO.	BORE	H CLUTCH (O.D.)	B + .000 - .008	MAX TORQ LB. IN.	HOUSING DIAMETER + .0010 - .0000	OVERRUN SPEED (MAX) (RPM)
NRC-2**	1/8	9/32	.250	2.86	.2812	50,000
NRC-4	1/4	7/16	.500	18.6	.4370	21,000
NRC-6	3/8	5/8	.500	50.4	.6245	14,000
NRC-8	1/2	3/4	.500	85.9	.7495	11,000
NRC-10	5/8	7/8	.625	175.2	.8745	8,500
NRC-12	3/4	1"	.625	247.8	.9995	7,000

* HARDENED SHAFTING
STOCK LENGTH 12 INCHES
OTHER LENGTHS ON REQUEST

SHAFTING STOCK NO.	SHAFT DIAMETER S + .0000 - .0005
---	.1250
---	.2500
LMS-46-12	.3750
LMS-48-12	.5000
LMS-50-12	.6250
LMS-52-12	.7500

*Order Shaft Separately.
** Utilizes a one-piece cage of acetal resin plastic with integral leaf style spring.

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