

COUPLINGS AND CLUTCHES

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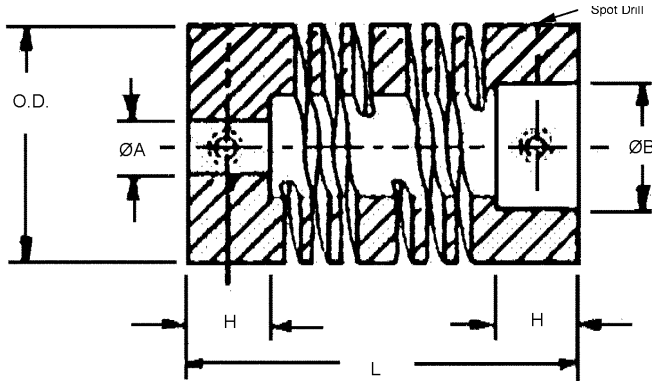
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SIX BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
2MM TO 30MM	SET SCREW	ANODIZED ALUMINUM



STOCK NO.	ØA +.05 -.00	ØB +.05 -.00	ØO.D.	L	H	ANGLE OFF SET	PARALLEL OFF SET	MAX. WORKING TORQUE (N*cm)
CO36A-1M	2.00	3.00	9.5	19.6	6.0	5°	0.1	55
CO36A-2M	3.00	3.00						
CO36A-3M	3.00	4.00						
CO36A-4M	4.00	4.00						
CO38A-1M	3.00	3.00	12.7	25.4	6.9	5°	0.2	110
CO38A-2M	3.00	5.00						
CO38A-3M	5.00	5.00						
CO38A-4M	6.00	6.00						
CO40A-1M	5.00	6.00	19.1	28.0	6.4	7°	0.3	280
CO40A-2M	6.00	6.00						
CO40A-3M	6.00	10.00						
CO40A-4M	10.00	10.00						
CO42A-1M	6.00	6.00	25.4	38.7	11.7	7°	0.4	490
CO42A-2M	8.00	8.00						
CO42A-3M	10.00	10.00						
CO42A-4M	13.00	13.00						
CO44A-1M	6.00	10.00	31.7	57.2	16.0	7°	0.5	680
CO44A-2M	10.00	10.00						
CO44A-3M	13.00	13.00						
CO44A-4M	16.00	16.00						
CO50A-1M	10.00	12.00	38.1	66.7	18.0	7°	0.6	900
CO50A-2M	12.00	12.00						
CO50A-3M	16.00	16.00						
CO52A-1M	14.00	14.00	44.5	76.2	20.0	7°	0.8	1000
CO52A-2M	16.00	16.00						
CO52A-3M	20.00	20.00						
CO54A-1M	20.00	20.00	57.2	130.0	32.0	7°	0.9	2200
CO54A-2M	25.00	25.00						
CO54A-3M	30.00	30.00						

Operating temperature -40° C to 120°C

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

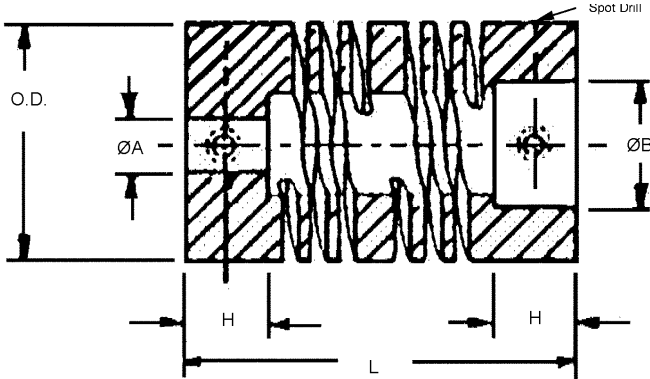
Applications

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

Central relief diameter may be smaller than bore in some cases.

SIX BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
2MM TO 30MM	SET SCREW	STAINLESS STEEL DIN 1.4305



STOCK NO.	ØA +.05 -.00	ØB +.05 -.00	ØO.D.	L	H	ANGLE OFF SET	PARALLEL OFF SET	MAX. WORKING TORQUE (N*cm)
CO36S-1M	2.00	3.00	9.5	19.6	6.0	5°	0.1	85
CO36S-2M	3.00	3.00						
CO36S-3M	3.00	4.00						
CO36S-4M	4.00	4.00						
CO38S-1M	3.00	3.00	12.7	25.4	6.9	5°	0.2	150
CO38S-2M	3.00	5.00						
CO38S-3M	5.00	5.00						
CO38S-4M	6.00	6.00						
CO40S-1M	5.00	6.00	19.1	28.0	6.4	7°	0.3	400
CO40S-2M	6.00	6.00						
CO40S-3M	6.00	10.00						
CO40S-4M	10.00	10.00						
CO42S-1M	6.00	6.00	25.4	38.7	11.7	7°	0.4	900
CO42S-2M	8.00	8.00						
CO42S-3M	10.00	10.00						
CO42S-4M	13.00	13.00						
CO44S-1M	6.00	10.00	31.7	57.2	16.0	7°	0.5	1000
CO44S-2M	10.00	10.00						
CO44S-3M	13.00	13.00						
CO44S-4M	16.00	16.00						
CO50S-1M	10.00	12.00	38.1	66.7	18.0	7°	0.6	1500
CO50S-2M	12.00	12.00						
CO50S-3M	16.00	16.00						
CO52S-1M	14.00	14.00	44.5	76.2	20.0	7°	0.8	1900
CO52S-2M	16.00	16.00						
CO52S-3M	20.00	20.00						
CO54S-1M	20.00	20.00	57.2	130.0	32.0	7°	0.9	4100
CO54S-2M	25.00	25.00						
CO54S-3M	30.00	30.00						

Operating temperature -40° C to 120°C

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

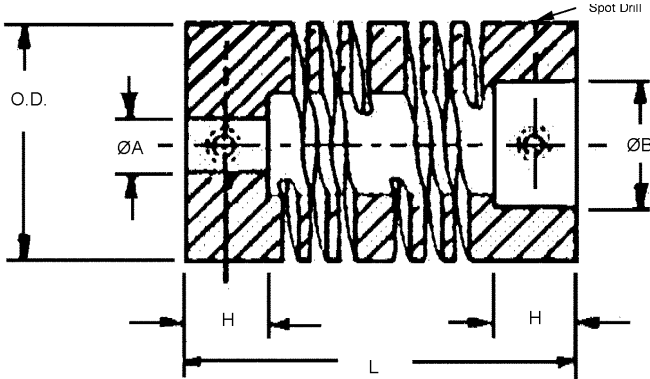
- Encoders • Stepper Motors • Precision Ball Screws • Machine Tools • Robotics • Scientific Equipment
 • Measuring Instruments • Computers • Servo Systems • Optical Telescopes • Defense Systems
 • Medical Equipment • Appliances • Pumps • Valves • Fans

Central relief diameter may be smaller than bore in some cases.



SIX BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
2MM TO 30MM	SET SCREW	DELRIN



STOCK NO.	ØA +.05 -.00	ØB +.05 -.00	ØO.D.	L	H	ANGLE OFF SET	PARALLEL OFF SET	MAX. WORKING TORQUE (N*cm)
CO38D-1M	3.00	3.00	12.7	25.4	6.9	5°	0.2	25
CO38D-2M	3.00	5.00						
CO38D-3M	5.00	5.00						
CO38D-4M	6.00	6.00						
CO40D-1M	5.00	6.00	19.1	28.0	6.4	7°	0.3	80
CO40D-2M	6.00	6.00						
CO40D-3M	6.00	10.00						
CO40D-4M	10.00	10.00						
CO42D-1M	6.00	6.00	25.4	38.7	11.7	7°	0.4	150
CO42D-2M	8.00	8.00						
CO42D-3M	10.00	10.00						
CO42D-4M	13.00	13.00						
CO44D-1M	6.00	10.00	31.7	57.2	16.0	7°	0.5	230
CO44D-2M	10.00	10.00						
CO44D-3M	13.00	13.00						
CO44D-4M	16.00	16.00						
CO50D-1M	10.00	12.00	38.1	66.7	18.0	7°	0.6	275
CO50D-2M	12.00	12.00						
CO50D-3M	16.00	16.00						
CO52D-1M	14.00	14.00	44.5	76.2	20.0	7°	0.8	325
CO52D-2M	16.00	16.00						
CO52D-3M	20.00	20.00						
CO54D-1M	20.00	20.00	57.2	130.0	32.0	7°	0.9	380
CO54D-2M	25.00	25.00						
CO54D-3M	30.00	30.00						

Operating temperature -20° C to 60°C

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

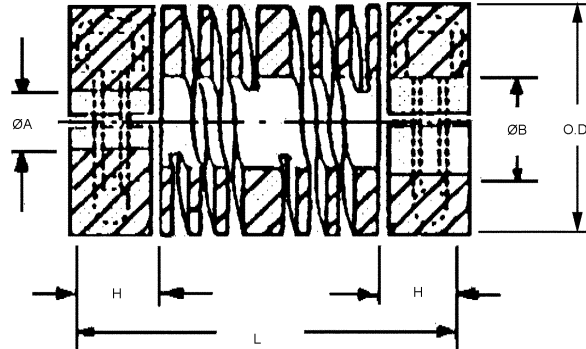
Encoders • Stepper Motors • Precision Ball Screws • Machine Tools • Robotics • Scientific Equipment
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NOTE: Maximum angular offset of 10°.

Central relief diameter may be smaller than bore in some cases.

SIX BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
2MM TO 30MM	CLAMP	ANODIZED ALUMINUM



STOCK NO.	ØA +0.05 -0.00	ØB +0.05 -0.00	ØO.D.	L	H	ANGLE OFF SET	PARALLEL OFF SET	MAX. WORKING TORQUE (N*cm)
CO37A-1M	2.00	3.00	9.5	19.6	6.0	5°	0.1	55
CO37A-2M	3.00	3.00						
CO37A-3M	3.00	4.00						
CO37A-4M	4.00	4.00						
CO39A-1M	3.00	3.00	12.7	25.4	6.9	5°	0.2	110
CO39A-2M	3.00	5.00						
CO39A-3M	5.00	5.00						
CO39A-4M	6.00	6.00						
CO41A-1M	5.00	6.00	19.1	28.0	6.4	7°	0.3	280
CO41A-2M	6.00	6.00						
CO41A-3M	6.00	10.00						
CO41A-4M	10.00	10.00						
CO43A-1M	6.00	6.00	25.4	38.7	11.7	7°	0.4	490
CO43A-2M	8.00	8.00						
CO43A-3M	10.00	10.00						
CO43A-4M	13.00	13.00						
CO45A-1M	6.00	10.00	31.7	57.2	16.0	7°	0.5	680
CO45A-2M	10.00	10.00						
CO45A-3M	13.00	13.00						
CO45A-4M	16.00	16.00						
CO51A-1M	10.00	12.00	38.1	66.7	18.0	7°	0.6	900
CO51A-2M	12.00	12.00						
CO51A-3M	16.00	16.00						
CO51A-1M	14.00	14.00	44.5	76.2	20.0	7°	0.8	1000
CO51A-2M	16.00	16.00						
CO51A-3M	20.00	20.00						
CO55A-1M	20.00	20.00	57.2	130.0	32.0	7°	0.9	2200
CO55A-2M	25.00	25.00						
CO55A-3M	30.00	30.00						

Operating temperature -40° C to 120°C

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

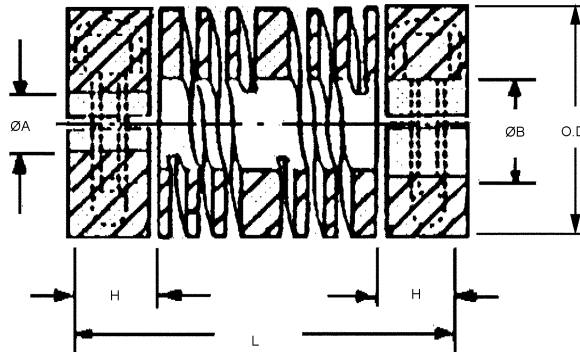
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Central relief diameter may be smaller than bore in some cases.

SIX BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
2MM TO 30MM	CLAMP	STAINLESS STEEL DIN 1.4305



STOCK NO.	ØA +.05 -.00	ØB +.05 -.00	ØO.D.	L	H	ANGLE OFF SET	PARALLEL OFF SET	MAX. WORKING TORQUE (N*cm)
CO37S-1M	2.00	3.00						
CO37S-2M	3.00	3.00						
CO37S-3M	3.00	4.00	9.5	19.6	6.0	5°	0.1	85
CO37S-4M	4.00	4.00						
CO39S-1M	3.00	3.00						
CO39S-2M	3.00	5.00	12.7	25.4	6.9	5°	0.2	150
CO39S-3M	5.00	5.00						
CO39S-4M	6.00	6.00						
CO41S-1M	5.00	6.00						
CO41S-2M	6.00	6.00	19.1	28.0	6.4	7°	0.3	400
CO41S-3M	6.00	10.00						
CO41S-4M	10.00	10.00						
CO43S-1M	6.00	6.00						
CO43S-2M	8.00	8.00	25.4	38.7	11.7	7°	0.4	900
CO43S-3M	10.00	10.00						
CO43S-4M	13.00	13.00						
CO45S-1M	6.00	10.00						
CO45S-2M	10.00	10.00	31.7	57.2	16.0	7°	0.5	1000
CO45S-3M	13.00	13.00						
CO45S-4M	16.00	16.00						
CO51S-1M	10.00	12.00						
CO51S-2M	12.00	12.00	38.1	66.7	18.0	7°	0.6	1500
CO51S-3M	16.00	16.00						
CO53S-1M	14.00	14.00						
CO53S-2M	16.00	16.00	44.5	76.2	20.0	7°	0.8	1900
CO53S-3M	20.00	20.00						
CO55S-1M	20.00	20.00						
CO55S-2M	25.00	25.00	57.2	130.0	32.0	7°	0.9	4100
CO55S-3M	30.00	30.00						

Operating temperature -40° C to 120°C

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

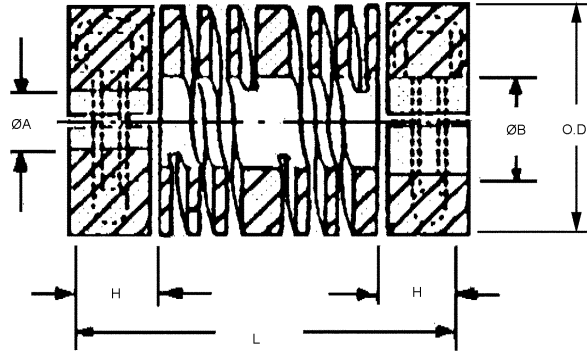
Applications

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Central relief diameter may be smaller than bore in some cases.

SIX BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
3MM TO 30MM	CLAMP	DELRIN



STOCK NO.	ØA +.05 -.00	ØB +.05 -.00	ØO.D.	L	H	ANGLE OFF SET	PARALLEL OFF SET	MAX. WORKING TORQUE (N*cm)
CO39D-1M CO39D-2M CO39D-3M CO39D-4M	3.00 3.00 5.00 6.00	3.00 5.00 5.00 6.00	12.7	25.4	6.9	5°	0.2	25
CO41D-1M CO41D-2M CO41D-3M CO41D-4M	5.00 6.00 6.00 10.00	6.00 6.00 10.00 10.00	19.1	28.0	6.4	7°	0.3	80
CO43D-1M CO43D-2M CO43D-3M CO43D-4M	6.00 8.00 10.00 13.00	6.00 8.00 10.00 13.00	25.4	38.7	11.7	7°	0.4	150
CO45D-1M CO45D-2M CO45D-3M CO45D-4M	6.00 10.00 13.00 16.00	10.00 10.00 13.00 16.00	31.7	57.2	16.0	7°	0.5	230
CO51D-1M CO51D-2M CO51D-3M	10.00 12.00 16.00	12.00 12.00 16.00	38.1	66.7	18.0	7°	0.6	275
CO53D-1M CO53D-2M CO53D-3M	14.00 16.00 20.00	14.00 16.00 20.00	44.5	76.2	20.0	7°	0.8	325
CO55D-1M CO55D-2M CO55D-3M	20.00 25.00 30.00	20.00 25.00 30.00	57.2	130.0	32.0	7°	0.9	380

Operating temperature -20° C to 60°C

Advantages

- One Piece construction. no mechanical joints
- No Backlash
- Constant velocity
- Torsionally rigid
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- Small and lightweight
- High or low speeds
- Not temperature sensitive
- No lubrication
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Applications

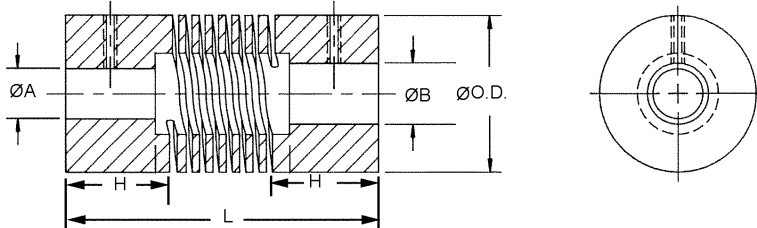
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NOTE: Maximum angular offset of 10°.

Central relief diameter may be smaller than bore in some cases.

THREE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3MM TO 12MM	SET SCREW	ALUMINUM ANODIZED



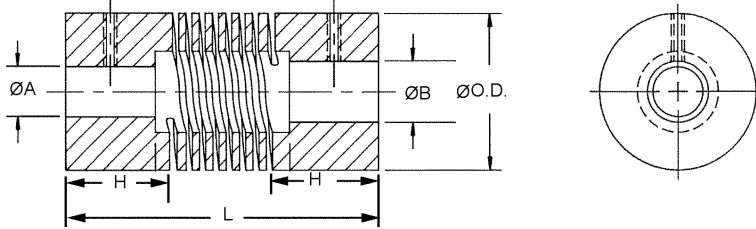
- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- Operating temperature -40°C to 120°C

STOCK NO.	ØA +0.05 -0.00	ØB +0.05 -0.00	ØO.D.	L	H	ALLOWABLE MISALIGNMENT		
						MAX TOR. N•cm	ANGLE OFF SET	PARA OFF SET
CO71A-1M	3.00	3.00	9.5	14.2	2.8	40	5°	0.10
CO73A-1M	3.00	3.00	12.7	19.0	5.3	90	5°	0.13
CO73A-2M	4.00	4.00						
CO73A-3M	4.00	5.00						
CO73A-4M	5.00	5.00						
CO75A-1M	3.00	3.00	16.0	20.3	6.1	145	5°	0.13
CO75A-2M	3.00	4.00						
CO75A-3M	4.00	4.00						
CO75A-4M	4.00	5.00						
CO75A-5M	5.00	5.00						
CO77A-1M	4.00	4.00	19.0	22.9	7.1	245	5°	0.13
CO77A-2M	4.00	5.00						
CO77A-3M	5.00	5.00						
CO77A-4M	5.00	6.00						
CO77A-5M	6.00	6.00						
CO79A-1M	6.00	6.00	25.4	31.8	8.4	390	5°	0.13
CO79A-2M	6.00	8.00						
CO79A-3M	8.00	8.00						
CO79A-4M	8.00	10.00						
CO79A-5M	10.00	10.00						
CO81A-1M	10.00	10.00	31.8	44.5	11.2	590	5°	0.13
CO81A-2M	10.00	12.00						
CO81A-3M	12.00	12.00						

Central relief diameter may be smaller than bore in some cases.

THREE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3MM TO 12MM	SET SCREW	STAINLESS STEEL DIN 1.4305



- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- **Operating temperature -40° C to 120°C**

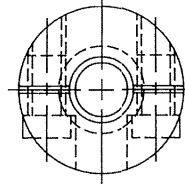
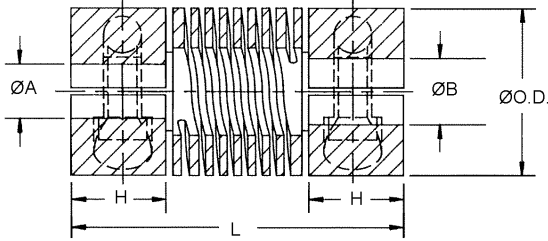
STOCK NO.	ØA +0.05 -0.00	ØB +0.05 -0.00	ØO.D.	L	H	ALLOWABLE MISALIGNMENT		
						MAX TOR. N•cm	ANGLE OFF SET	PARA OFF SET
CO71S-1M	3.00	3.00	9.5	14.2	2.8	40	5°	0.10
CO73S-1M	3.00	3.00	12.7	19.0	5.3	90	5°	0.13
CO73S-2M	4.00	4.00						
CO73S-3M	4.00	5.00						
CO73S-4M	5.00	5.00						
CO75S-1M	3.00	3.00	16.0	20.3	6.1	150	5°	0.13
CO75S-2M	3.00	4.00						
CO75S-3M	4.00	4.00						
CO75S-4M	4.00	5.00						
CO75S-5M	5.00	5.00						
CO77S-1M	4.00	4.00	19.0	22.9	7.1	250	5°	0.13
CO77S-2M	4.00	5.00						
CO77S-3M	5.00	5.00						
CO77S-4M	5.00	6.00						
CO77S-5M	6.00	6.00						
CO79S-1M	6.00	6.00	25.4	31.8	8.4	550	5°	0.13
CO79S-2M	6.00	8.00						
CO79S-3M	8.00	8.00						
CO79S-4M	8.00	10.00						
CO79S-5M	10.00	10.00						
CO81S-1M	10.00	10.00	31.8	44.5	11.2	950	5°	0.13
CO81S-2M	10.00	12.00						
CO81S-3M	12.00	12.00						

Central relief diameter may be smaller than bore in some cases.



THREE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3MM TO 12MM	CLAMP	ALUMINUM ANODIZED



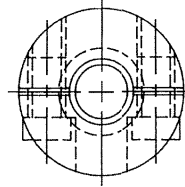
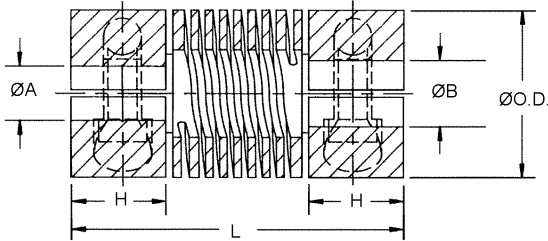
- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- Operating temperature -40°C to 120°C

STOCK NO.	ØA +0.05 -0.00	ØB +0.05 -0.00	ØO.D.	L	H	ALLOWABLE MISALIGNMENT		
						MAX TOR. N·cm	ANGLE OFF SET	PARA OFF SET
CO72A-1M CO72A-2M CO72A-3M CO72A-4M	3.00 4.00 4.00 5.00	3.00 4.00 5.00 5.00	12.7	19.0	5.3	90	5°	0.13
CO74A-1M CO74A-2M CO74A-3M CO74A-4M CO74A-5M	3.00 3.00 4.00 4.00 5.00	3.00 4.00 4.00 5.00 5.00	16.0	20.3	6.1	145	5°	0.13
CO76A-1M CO76A-2M CO76A-3M CO76A-4M CO76A-5M	4.00 4.00 5.00 5.00 6.00	4.00 5.00 5.00 6.00 6.00	19.0	22.9	7.1	245	5°	0.13
CO78A-1M CO78A-2M CO78A-3M CO78A-4M CO78A-5M	6.00 6.00 8.00 8.00 10.00	6.00 8.00 8.00 10.00 10.00	25.4	31.8	8.4	390	5°	0.13
CO80A-1M CO80A-2M CO80A-3M	10.00 10.00 12.00	10.00 12.00 12.00	31.8	44.5	11.2	590	5°	0.13

Central relief diameter may be smaller than bore in some cases.

THREE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3MM TO 12MM	CLAMP HUB	STAINLESS STEEL 1.4305



- Couplings can be supplied with a keyway
- Non-standard bore sizes available
- All couplings contain an integral relief chamber
- **Operating temperature -40° C to 140°C**

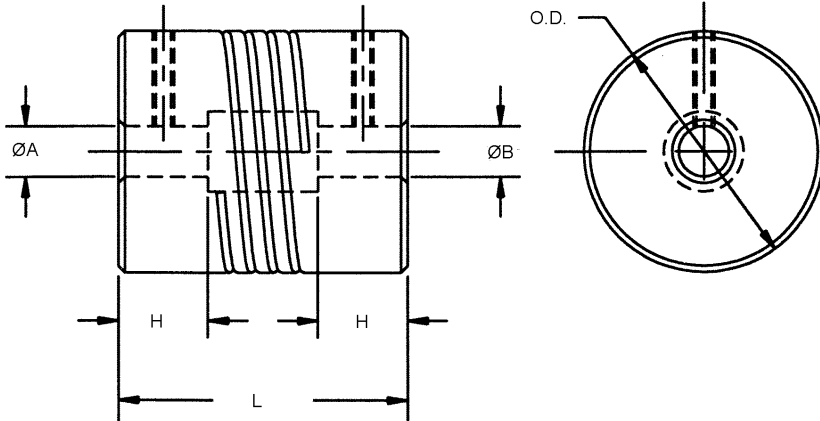
STOCK NO.	ØA +0.05 -0.00	ØB +0.05 -0.00	ØO.D.	L	H	ALLOWABLE MISALIGNMENT		
						MAX TOR. N•cm	ANGLE OFF SET	PARA OFF SET
CO72S-1M CO72S-2M CO72S-3M CO72S-4M	3.00 4.00 4.00 5.00	3.00 4.00 5.00 5.00	12.7	19.0	5.3	90	5°	0.13
CO74S-1M CO74S-2M CO74S-3M CO74S-4M CO74S-5M	3.00 3.00 4.00 4.00 5.00	3.00 4.00 4.00 5.00 5.00	16.0	20.3	6.1	150	5°	0.13
CO76S-1M CO76S-2M CO76S-3M CO76S-4M CO76S-5M	4.00 4.00 5.00 5.00 6.00	4.00 5.00 5.00 6.00 6.00	19.0	22.9	7.1	250	5°	0.13
CO78S-1M CO78S-2M CO78S-3M CO78S-4M CO78S-5M	6.00 6.00 8.00 8.00 10.00	6.00 8.00 8.00 10.00 10.00	25.4	31.8	8.4	550	5°	0.13
CO80S-1M CO80S-2M CO80S-3M	10.00 10.00 12.00	10.00 12.00 12.00	31.8	44.5	11.2	950	5°	0.13

Central relief diameter may be smaller than bore in some cases.

G

SINGLE BEAM FLEXIBLE COUPLING

BORES	STYLE	MATERIAL
3MM TO 25MM	SET SCREW	ALUMINUM ANODIZED

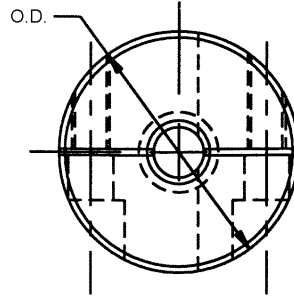
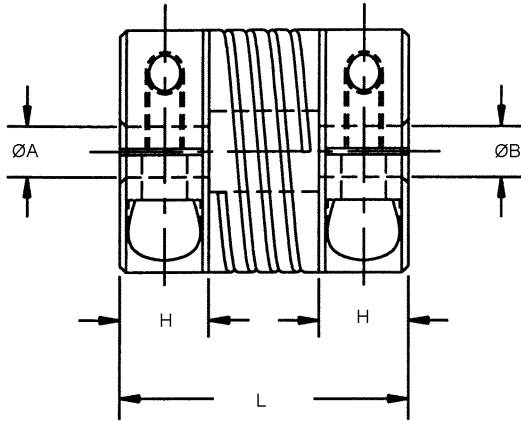


STOCK NO.	ØA +0.05 -0.00	ØB +0.05 -0.00	ØO.D.	L	H	MAX. WORKING TORQUE (N*cm)	ANGULAR OFFSET	PARALLEL OFFSET
COS71A-1M	3.00	3.00	9.5	14.2	2.8	15	5°	0.13
COS73A-1M	3.00	3.00	12.7	19.0	5.3	45	5°	0.25
COS73A-2M	4.00	4.00						
COS73A-3M	4.00	4.00						
COS73A-4M	5.00	5.00						
COS75A-1M	3.00	3.00	16.0	20.3	6.1	65	5°	0.25
COS75A-2M	3.00	3.00						
COS75A-3M	4.00	4.00						
COS75A-4M	4.00	4.00						
COS75A-5M	5.00	5.00						
COS77A-1M	4.00	4.00	19.1	22.9	7.1	115	5°	0.25
COS77A-2M	4.00	4.00						
COS77A-3M	5.00	5.00						
COS77A-4M	5.00	5.00						
COS77A-5M	6.00	6.00						
COS79A-1M	6.00	6.00	25.5	31.8	8.4	165	5°	0.25
COS79A-2M	6.00	8.00						
COS79A-3M	8.00	8.00						
COS79A-4M	8.00	10.00						
COS79A-5M	10.00	10.00						
COS81A-1M	10.00	10.00	31.8	44.5	11.2	345	5°	0.25
COS81A-2M	10.00	12.00						
COS81A-3M	12.00	12.00						
COS83A-1M	12.00	12.00	38.0	67.0	18.0	500	5°	0.25
COS83A-2M	16.00	16.00						
COS83A-3M	19.00	19.00						
COS85A-1M	12.00	12.00	44.5	76.2	20.0	675	5°	0.25
COS85A-2M	16.00	16.00						
COS85A-3M	19.00	19.00						
COS87A-1M	19.00	19.00	57.0	130.3	32.0	1100	5°	0.25
COS87A-2M	22.00	22.00						
COS87A-3M	25.00	25.00						

Central relief diameter may be smaller than bore in some cases.

SINGLE BEAM FLEXIBLE COUPLING

BORE	STYLE	MATERIAL
3MM TO 25MM	CLAMP	ALUMINUM ANODIZED



STOCK NO.	ØA +0.05	ØB +0.05	ØO.D.	L	H	MAX. WORKING TORQUE (N*cm)	ANGULAR OFFSET	PARALLEL OFFSET
COS72A-1M	3.00	3.00	12.7	19.0	5.3	45	5°	0.25
COS72A-2M	4.00	4.00						
COS72A-3M	4.00	4.00						
COS72A-4M	5.00	5.00						
COS74A-1M	3.00	3.00	16.0	20.3	6.1	68	5°	0.25
COS74A-2M	3.00	3.00						
COS74A-3M	4.00	4.00						
COS74A-4M	4.00	4.00						
COS74A-5M	5.00	5.00						
COS76A-1M	4.00	4.00	19.1	22.9	7.1	118	5°	0.25
COS76A-2M	4.00	4.00						
COS76A-3M	5.00	5.00						
COS76A-4M	5.00	5.00						
COS76A-5M	6.00	6.00						
COS78A-1M	6.00	6.00	25.5	31.8	8.4	170	5°	0.25
COS78A-2M	6.00	8.00						
COS78A-3M	8.00	8.00						
COS78A-4M	8.00	10.00						
COS78A-5M	10.00	10.00						
COS80A-1M	10.00	10.00	31.8	44.5	11.2	350	5°	0.25
COS80A-2M	10.00	12.00						
COS80A-3M	12.00	12.00						
COS82A-1M	12.00	12.00	38.0	67.0	18.0	508	5°	0.25
COS82A-2M	16.00	16.00						
COS82A-3M	19.00	19.00						
COS84A-1M	12.00	12.00	44.5	76.2	20.0	678	5°	0.25
COS84A-2M	16.00	16.00						
COS84A-3M	19.00	19.00						
COS86A-1M	19.00	19.00	57.0	130.3	32.0	1130	5°	0.25
COS86A-2M	22.00	22.00						
COS86A-3M	25.00	25.00						

Central relief diameter may be smaller than bore in some cases.

RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
3MM TO 12MM	CLAMP, SHORT	ALUMINUM 7075 ALOCROM FINISH

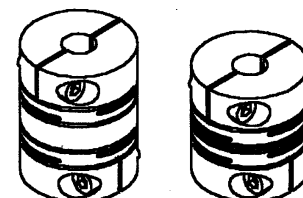
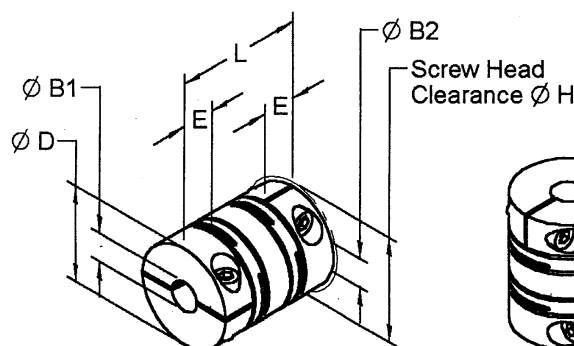
STOCK NO.	L	ØD	ØB1 +.05 - .00	ØB2 +.05 - .00	E	SOCKET SCREW SIZE	ØH
RCSA13C-1M	13	16.80	3.0	3.0	5.0	M1.6	14.5
RCSA13C-2M	13	16.80	3.0	4.0	5.0	M1.6	14.5
RCSA13C-3M	13	16.80	4.0	4.0	5.0	M1.6	14.5
RCSA13C-4M	13	16.80	4.0	5.0	5.0	M1.6	14.5
RCSA13C-5M	13	16.80	5.0	5.0	5.0	M1.6	14.5
RCSA13C-6M	13	16.80	5.0	6.0	5.0	M1.6	14.5
RCSA13C-7M	13	16.80	6.0	6.0	5.0	M1.6	14.5
RCSA16C-1M	16	19.75	3.0	3.0	5.90	M2	18.0
RCSA16C-2M	16	19.75	3.0	4.0	5.90	M2	18.0
RCSA16C-3M	16	19.75	4.0	4.0	5.90	M2	18.0
RCSA16C-4M	16	19.75	4.0	5.0	5.90	M2	18.0
RCSA16C-5M	16	19.75	5.0	5.0	5.90	M2	18.0
RCSA16C-6M	16	19.75	5.0	6.0	5.90	M2	18.0
RCSA16C-7M	16	19.75	6.0	6.0	5.90	M2	18.0
RCSA16C-8M	16	19.75	6.0	8.0	5.90	M2	18.0
RCSA16C-9M	16	19.75	8.0	8.0	5.90	M2	18.0
RCSA20C-1M	20	21.50	4.0	4.0	6.60	M3	21.8
RCSA20C-2M	20	21.50	4.0	5.0	6.60	M3	21.8
RCSA20C-3M	20	21.50	5.0	5.0	6.60	M3	21.8
RCSA20C-4M	20	21.50	5.0	6.0	6.60	M3	21.8
RCSA20C-5M	20	21.50	6.0	6.0	6.60	M3	21.8
RCSA20C-6M	20	21.50	6.0	8.0	6.60	M3	21.8
RCSA20C-7M	20	21.50	8.0	8.0	6.60	M3	21.8
RCSA20C-8M	20	21.50	8.0	10.0	6.60	M3	21.8
RCSA20C-9M	20	21.50	10.0	10.0	6.60	M3	21.8
RCSA25C-1M	25	25.80	5.0	5.0	7.60	M3	26.9
RCSA25C-2M	25	25.80	5.0	6.0	7.60	M3	26.9
RCSA25C-3M	25	25.80	6.0	6.0	7.60	M3	26.9
RCSA25C-4M	25	25.80	6.0	8.0	7.60	M3	26.9
RCSA25C-5M	25	25.80	8.0	8.0	7.60	M3	26.9
RCSA25C-6M	25	25.80	8.0	10.0	7.60	M3	26.9
RCSA25C-7M	25	25.80	10.0	10.0	7.60	M3	26.9
RCSA25C-8M	25	25.80	10.0	12.0	7.60	M3	26.9
RCSA25C-9M	25	25.80	12.0	12.0	7.60	M3	26.9

TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique design maximizes 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
- Maintenance free
- Recommended temperature range -80°C to +80°C

TECHNICAL SPECIFICATIONS

SIZE	TORSIONAL STIFFNESS mNm/arcmin	RADIAL COMPLIANCE microns/N	MISALIGNMENT			MAX. INERTIA g.cm ²	MAX. MASS g	TYPICAL TORQUE CAPACITY			MAX. SPEED RPM
			PARALLEL MM	ANGULAR DEG.	AXIAL MM			REVERSING Nm	NONREV. Nm	PEAK Nm	
13C	13.09	29.2	0.08	2.5	±0.30	1.0	4.4	0.35	0.45	0.50	12000
16C	20.36	28.9	0.10	2.5	±0.40	2.9	8.6	0.55	0.85	1.25	10000
20C	33.45	23.4	0.12	3.0	±0.50	7.9	14.9	0.95	1.45	2.45	7500
25C	52.94	20.0	0.16	3.0	±0.70	23.0	27.5	1.55	2.35	3.90	5000



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MG 14

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RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
3MM TO 12MM	CLAMP, LONG	ALUMINUM 7075 ALOCROM FINISH

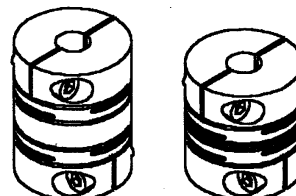
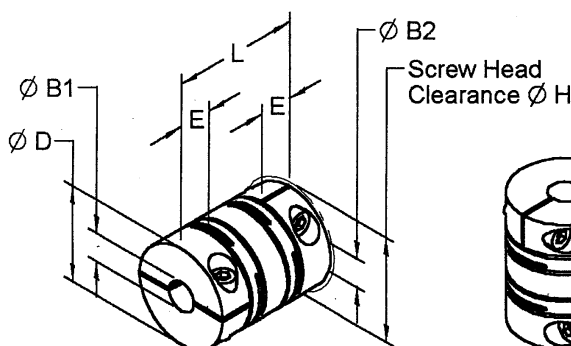
STOCK NO.	L	ØD	ØB1 +.05 -.00	ØB2 +.05 -.00	E	SOCKET SCREW SIZE	ØH
RCLA13C-1M	13	20.0	3.0	3.0	5.0	M1.6	14.5
RCLA13C-2M	13	20.0	3.0	4.0	5.0	M1.6	14.5
RCLA13C-3M	13	20.0	4.0	4.0	5.0	M1.6	14.5
RCLA13C-4M	13	20.0	4.0	5.0	5.0	M1.6	14.5
RCLA13C-5M	13	20.0	5.0	5.0	5.0	M1.6	14.5
RCLA13C-6M	13	20.0	5.0	6.0	5.0	M1.6	14.5
RCLA13C-7M	13	20.0	6.0	6.0	5.0	M1.6	14.5
RCLA16C-1M	16	23.5	3.0	3.0	5.90	M2	18.0
RCLA16C-2M	16	23.5	3.0	4.0	5.90	M2	18.0
RCLA16C-3M	16	23.5	4.0	4.0	5.90	M2	18.0
RCLA16C-4M	16	23.5	4.0	5.0	5.90	M2	18.0
RCLA16C-5M	16	23.5	5.0	5.0	5.90	M2	18.0
RCLA16C-6M	16	23.5	5.0	6.0	5.90	M2	18.0
RCLA16C-7M	16	23.5	6.0	6.0	5.90	M2	18.0
RCLA16C-8M	16	23.5	6.0	8.0	5.90	M2	18.0
RCLA16C-9M	16	23.5	8.0	8.0	5.90	M2	18.0
RCLA20C-1M	20	26.0	4.0	4.0	6.60	M3	21.8
RCLA20C-2M	20	26.0	4.0	5.0	6.60	M3	21.8
RCLA20C-3M	20	26.0	5.0	5.0	6.60	M3	21.8
RCLA20C-4M	20	26.0	5.0	6.0	6.60	M3	21.8
RCLA20C-5M	20	26.0	6.0	6.0	6.60	M3	21.8
RCLA20C-6M	20	26.0	6.0	8.0	6.60	M3	21.8
RCLA20C-7M	20	26.0	8.0	8.0	6.60	M3	21.8
RCLA20C-8M	20	26.0	8.0	10.0	6.60	M3	21.8
RCLA20C-9M	20	26.0	10.0	10.0	6.60	M3	21.8
RCLA25C-1M	25	34.0	5.0	5.0	7.60	M3	26.9
RCLA25C-2M	25	34.0	5.0	6.0	7.60	M3	26.9
RCLA25C-3M	25	34.0	6.0	6.0	7.60	M3	26.9
RCLA25C-4M	25	34.0	6.0	8.0	7.60	M3	26.9
RCLA25C-5M	25	34.0	8.0	8.0	7.60	M3	26.9
RCLA25C-6M	25	34.0	8.0	10.0	7.60	M3	26.9
RCLA25C-7M	25	34.0	10.0	10.0	7.60	M3	26.9
RCLA25C-8M	25	34.0	10.0	12.0	7.60	M3	26.9
RCLA25C-9M	25	34.0	12.0	12.0	7.60	M3	26.9

TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique design maximizes 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
- Maintenance free
- Recommended temperature range -80°C to +80°C

TECHNICAL SPECIFICATIONS

SIZE	TORSIONAL STIFFNESS mNm/arcmin	RADIAL COMPLIANCE microns/N	MISALIGNMENT			MAX. INERTIA g.cm ²	MAX. MASS g	TYPICAL TORQUE CAPACITY			MAX. SPEED RPM
			PARALLEL MM	ANGULAR DEG.	AXIAL MM			REVERSING Nm	NONREV. Nm	PEAK Nm	
13C	15.56	64.3	0.15	2.5	±0.30	1.2	5.5	0.35	0.45	0.50	12000
16C	24.43	65.1	0.20	2.5	±0.40	3.3	10.6	0.55	0.85	1.25	10000
20C	40.43	62.0	0.25	3.0	±0.50	9.0	18.7	0.95	1.45	2.45	7500
25C	66.03	82.2	0.40	3.0	±0.70	31.0	3805	1.55	2.35	3.90	5000



RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
1.5MM TO 12MM	SET SCREW, SHORT	ALUMINUM 7075 ALOCROM FINISH

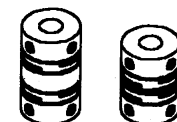
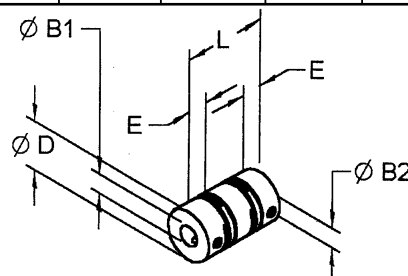
STOCK NO.	L	ØD	ØB1 +.05 -.00	ØB2 +.05 -.00	E	SET SCREW SIZE
RCSA6-1M	6	9.35	1.5	1.5	2.80	M1.2 (SLOT SET SCREW)
RCSA6-2M	6	9.35	1.5	2.0	2.80	M1.2 (SLOT SET SCREW)
RCSA6-3M	6	9.35	2.0	2.0	2.80	M1.2 (SLOT SET SCREW)
RCSA6-4M	6	9.35	2.0	3.0	2.80	M1.2 (SLOT SET SCREW)
RCSA6-5M	6	9.35	3.0	3.0	2.80	M1.2 (SLOT SET SCREW)
RCSA8-1M	8	11.70	2.0	2.0	3.20	M1.6
RCSA8-2M	8	11.70	2.0	3.0	3.20	M1.6
RCSA8-3M	8	11.70	3.0	3.0	3.20	M1.6
RCSA8-4M	8	11.70	3.0	4.0	3.20	M1.6
RCSA8-5M	8	11.70	4.0	4.0	3.20	M1.6
RCSA10-1M	10	13.65	3.0	3.0	4.00	M2
RCSA10-2M	10	13.65	3.0	4.0	4.00	M2
RCSA10-3M	10	13.65	4.0	4.0	4.00	M2
RCSA10-4M	10	13.65	4.0	5.0	4.00	M2
RCSA10-5M	10	13.65	5.0	5.0	4.00	M2
RCSA13-1M	13	16.80	3.0	3.0	5.00	M2.5
RCSA13-2M	13	16.80	3.0	4.0	5.00	M2.5
RCSA13-3M	13	16.80	4.0	4.0	5.00	M2.5
RCSA13-4M	13	16.80	4.0	5.0	5.00	M2.5
RCSA13-5M	13	16.80	5.0	5.0	5.00	M2.5
RCSA13-6M	13	16.80	5.0	6.0	5.00	M2.5
RCSA13-7M	13	16.80	6.0	6.0	5.00	M2.5
RCSA16-1M	16	19.75	3.0	3.0	5.90	M3
RCSA16-2M	16	19.75	3.0	4.0	5.90	M3
RCSA16-3M	16	19.75	4.0	4.0	5.90	M3
RCSA16-4M	16	19.75	4.0	5.0	5.90	M3
RCSA16-5M	16	19.75	5.0	5.0	5.90	M3
RCSA16-6M	16	19.75	5.0	6.0	5.90	M3
RCSA16-7M	16	19.75	6.0	6.0	5.90	M3
RCSA16-8M	16	19.75	6.0	8.0	5.90	M3
RCSA16-9M	16	19.75	8.0	8.0	5.90	M3
RCSA20-1M	20	21.50	4.0	4.0	6.60	M4
RCSA20-2M	20	21.50	4.0	5.0	6.60	M4
RCSA20-3M	20	21.50	5.0	5.0	6.60	M4
RCSA20-4M	20	21.50	5.0	6.0	6.60	M4
RCSA20-5M	20	21.50	6.0	6.0	6.60	M4
RCSA20-6M	20	21.50	6.0	8.0	6.60	M4
RCSA20-7M	20	21.50	8.0	8.0	6.60	M4
RCSA20-8M	20	21.50	8.0	10.0	6.60	M4
RCSA20-9M	20	21.50	10.0	10.0	6.60	M4
RCSA25-1M	25	25.80	5.0	5.0	7.60	M5
RCSA25-2M	25	25.80	5.0	6.0	7.60	M5
RCSA25-3M	25	25.80	6.0	6.0	7.60	M5
RCSA25-4M	25	25.80	6.0	8.0	7.60	M5
RCSA25-5M	25	25.80	8.0	8.0	7.60	M5
RCSA25-6M	25	25.80	8.0	10.0	7.60	M5
RCSA25-7M	25	25.80	10.0	10.0	7.60	M5
RCSA25-8M	25	25.80	10.0	12.0	7.60	M5
RCSA25-9M	25	25.80	12.0	12.0	7.60	M5

TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique design maximizes 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
- Maintenance free
- Recommended temperature range -80°C to +80°C

TECHNICAL SPECIFICATIONS

SIZE	TORSIONAL STIFFNESS mNm/arcmin	RADIAL COMPLIANCE microns/N	MISALIGNMENT			MAX. INERTIA g.cm ²	MAX. MASS g	TYPICAL TORQUE CAPACITY			MAX. SPEED RPM
			PARALLEL MM	ANGULAR DEG.	AXIAL MM			REVERSING Nm	NONREV. Nm	PEAK Nm	
6	1.22	21.0	0.020	1.7	±0.06	0.03	0.65	0.10	0.15	0.25	7000
8	2.53	35.0	0.050	2.0	±0.10	0.11	1.30	0.20	0.30	0.50	40000
10	4.89	28.0	0.060	2.0	±0.17	0.33	2.30	0.30	0.45	0.75	35000



RELI-A-FLEX COUPLINGS

BORES	STYLE	MATERIAL
1.5MM TO 12MM	SET SCREW, LONG	ALUMINUM 7075 ALOCROM FINISH

STOCK NO.	L	ØD	ØB1 +.05 -.00	ØB2 +.05 -.00	E	SET SCREW SIZE
RCLA6-1M	6	12.5	1.5	1.5	2.80	M1.2 (SLOT SET SCREW)
RCLA6-2M	6	12.5	1.5	2.0	2.80	M1.2 (SLOT SET SCREW)
RCLA6-3M	6	12.5	2.0	2.0	2.80	M1.2 (SLOT SET SCREW)
RCLA6-4M	6	12.5	2.0	3.0	2.80	M1.2 (SLOT SET SCREW)
RCLA6-5M	6	12.5	3.0	3.0	2.80	M1.2 (SLOT SET SCREW)
RCLA8-1M	8	14.5	2.0	2.0	3.20	M1.6
RCLA8-2M	8	14.5	2.0	3.0	3.20	M1.6
RCLA8-3M	8	14.5	3.0	3.0	3.20	M1.6
RCLA8-4M	8	14.5	3.0	4.0	3.20	M1.6
RCLA8-5M	8	14.5	4.0	4.0	3.20	M1.6
RCLA10-1M	10	17.0	3.0	3.0	4.00	M2
RCLA10-2M	10	17.0	3.0	4.0	4.00	M2
RCLA10-3M	10	17.0	4.0	4.0	4.00	M2
RCLA10-4M	10	17.0	4.0	5.0	4.00	M2
RCLA10-5M	10	17.0	5.0	5.0	4.00	M2
RCLA13-1M	13	20.0	3.0	3.0	5.00	M2.5
RCLA13-2M	13	20.0	3.0	4.0	5.00	M2.5
RCLA13-3M	13	20.0	4.0	4.0	5.00	M2.5
RCLA13-4M	13	20.0	4.0	5.0	5.00	M2.5
RCLA13-5M	13	20.0	5.0	5.0	5.00	M2.5
RCLA13-6M	13	20.0	5.0	6.0	5.00	M2.5
RCLA13-7M	13	20.0	6.0	6.0	5.00	M2.5
RCLA16-1M	16	23.50	3.0	3.0	5.90	M3
RCLA16-2M	16	23.50	3.0	4.0	5.90	M3
RCLA16-3M	16	23.50	4.0	4.0	5.90	M3
RCLA16-4M	16	23.50	4.0	5.0	5.90	M3
RCLA16-5M	16	23.50	5.0	5.0	5.90	M3
RCLA16-6M	16	23.50	5.0	6.0	5.90	M3
RCLA16-7M	16	23.50	6.0	6.0	5.90	M3
RCLA16-8M	16	23.50	6.0	8.0	5.90	M3
RCLA16-9M	16	23.50	8.0	8.0	5.90	M3
RCLA20-1M	20	26.0	4.0	4.0	6.60	M4
RCLA20-2M	20	26.0	4.0	5.0	6.60	M4
RCLA20-3M	20	26.0	5.0	5.0	6.60	M4
RCLA20-4M	20	26.0	5.0	6.0	6.60	M4
RCLA20-5M	20	26.0	6.0	6.0	6.60	M4
RCLA20-6M	20	26.0	6.0	8.0	6.60	M4
RCLA20-7M	20	26.0	8.0	8.0	6.60	M4
RCLA20-8M	20	26.0	8.0	10.0	6.60	M4
RCLA20-9M	20	26.0	10.0	10.0	6.60	M4
RCLA25-1M	25	34.0	5.0	5.0	7.60	M5
RCLA25-2M	25	34.0	5.0	6.0	7.60	M5
RCLA25-3M	25	34.0	6.0	6.0	7.60	M5
RCLA25-4M	25	34.0	6.0	8.0	7.60	M5
RCLA25-5M	25	34.0	8.0	8.0	7.60	M5
RCLA25-6M	25	34.0	8.0	10.0	7.60	M5
RCLA25-7M	25	34.0	10.0	10.0	7.60	M5
RCLA25-8M	25	34.0	10.0	12.0	7.60	M5
RCLA25-9M	25	34.0	12.0	12.0	7.60	M5

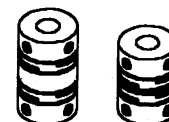
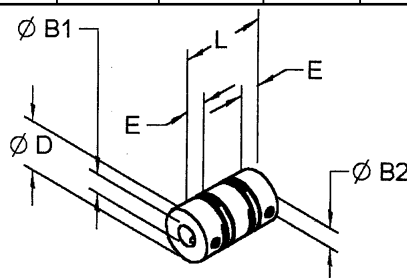
TECHNICAL FEATURES

- Zero backlash, reliable one-piece construction
- Unique design maximizes 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
- Maintenance free
- Recommended temperature range -80°C to +80°C



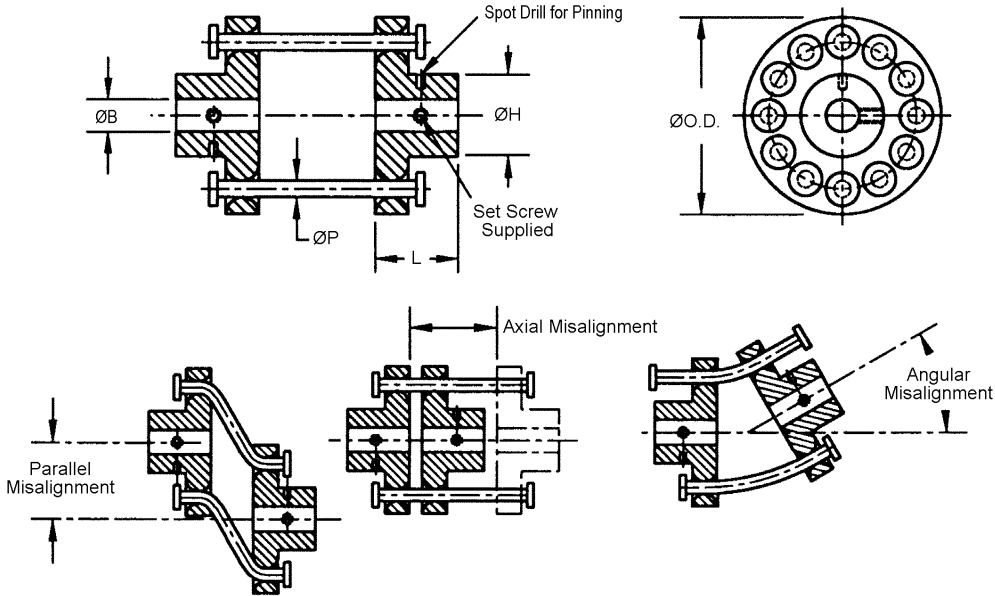
TECHNICAL SPECIFICATIONS

SIZE	TORSIONAL STIFFNESS mNm/arcmin	RADIAL COMPLIANCE microns/N	MISALIGNMENT			MAX. INERTIA g.cm ²	MAX. MASS g	TYPICAL TORQUE CAPACITY			MAX. SPEED RPM
			PARALLEL MM	ANGULAR DEG.	AXIAL MM			REVERSING Nm	NONREV. Nm	PEAK Nm	
6	1.25	79.0	0.040	1.7	±0.05	0.05	0.95	0.10	0.15	0.25	7000
8	2.53	102.0	0.100	2.0	±0.15	0.15	1.70	0.20	0.30	0.50	40000
10	4.89	83.0	0.120	2.0	±0.43	0.43	3.00	0.30	0.45	0.75	35000



FLEX-THANE COUPLINGS

BORES	NO. OF PINS	MATERIAL
3MM TO 13MM	8 TO 12	POLYURETHANE PINS ALUMINUM DIN 3.1355 HUBS



STOCK NO.	$\varnothing B$ +0.05	$\varnothing P$	$\varnothing H$	L	$\varnothing O.D.$	NO. OF PINS	MAX WORKING TORQUE (N•CM)	MAX PARALLEL MISALIGN	MAX AXIAL MISALIGN	MAX ANGULAR MISALIGN
CC5M-10-L	3.00	1.6	8.0	8.0	17.5	8	280	1.6	3.6	10°
CC5M-19-L	5.00	3.2	9.5	8.7	25.5	8	390	3.2	4.8	
CC5M-28-L	7.00	3.2	12.7	11.0	32.0	10	560	6.4	6.4	
CC5M-32-L	8.00	4.8	12.7	11.0	38.0	10	680	5.6	7.9	
CC5M-35-L	10.00	6.4	19.0	19.0	50.0	12	1130	4.0	9.5	
CC5M-37-L	13.00	7.9	25.5	22.0	63.5	12	2260	3.2	12.7	
CC5M-10-A	3.00	1.6	8.0	8.0	17.5	8	280	12.7	11.0	30°
CC5M-19-A	5.00	3.2	9.5	8.7	25.5	8	390	16.0	16.0	
CC5M-28-A	7.00	3.2	12.7	11.0	32.0	10	560	19.0	22.0	
CC5M-32-A	8.00	4.8	12.7	11.0	38.0	10	680	22.0	28.5	
CC5M-35-A	10.00	6.4	19.0	19.0	51.0	12	1130	22.5	35.0	
CC5M-37-A	13.00	7.9	25.5	22.0	63.5	12	2260	32.0	51.0	

ABSORBATHANE FLEXIBLE COUPLINGS

BORE	STYLE	MATERIAL
5.00 TO 10.00	EXTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUBS

STOCK NO.	BORES ØB1 and ØB2 +0.05	ØA	C	ØD	MAX. WORKING TORQUE (N•cm)	MAX. PARALLEL MISALIGN	MAX. ANGULAR MISALIGN
CC3M-18	5.00	28.5	28.5	17.5	30	2.4	10°
CC3M-19	6.00						
CC3M-20	8.00						
CC3M-21	10.00						

BORE	STYLE	MATERIAL
6.00 TO 13.00	INTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUBS

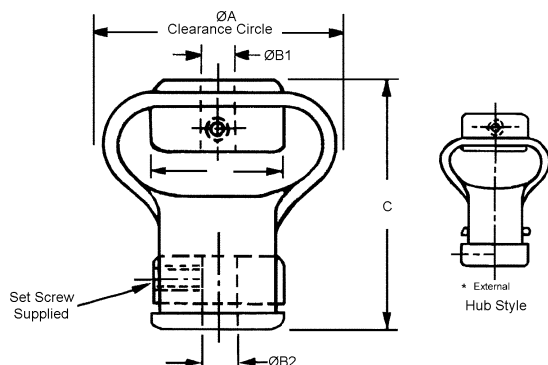
STOCK NO.	BORES ØB1 and ØB2 +0.05	ØA	C	ØD	MAX. WORKING TORQUE (N•cm)	MAX. PARALLEL MISALIGN	MAX. ANGULAR MISALIGN
CC3M-22	6.00	47.5	44.5	25.5	135	3.2	15°
CC3M-23	8.00						
CC3M-24	10.00						
CC3M-25	11.00						
CC3M-26	13.00						

BORE	STYLE	MATERIAL
10.00 TO 16.00	INTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUBS

STOCK NO.	BORES ØB1 and ØB2 +0.05	ØA	C	ØD	MAX. WORKING TORQUE (N•cm)	MAX. PARALLEL MISALIGN	MAX. ANGULAR MISALIGN
CC3M-27	10.00	54.0	54.0	32.0	315	4.7	15°
CC3M-28	11.00						
CC3M-29	13.00						
CC3M-30	14.00						
CC3M-31	16.00						

BORE	STYLE	MATERIAL
13.00 TO 16.00	INTERNAL HUB	BLACK POLYURETHANE PLATED MILD STEEL HUBS

STOCK NO.	BORES ØB1 and ØB2 +0.05	ØA	C	ØD	MAX. WORKING TORQUE (N•cm)	MAX. PARALLEL MISALIGN	MAX. ANGULAR MISALIGN
CC3M-32	13.00	54.0	60.5	32.0	450	3.2	15°
CC3M-33	14.00						
CC3M-34	16.00						



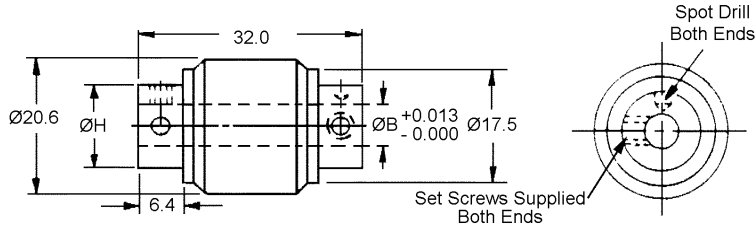
Available on request:
Other bore sizes
or bore combinations.

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



NEO-FLEX COUPLINGS

BORE	STYLE	MATERIAL
3MM TO 10MM	PIN HUB	STAINLESS STEEL DIN 1.4305 HUBS MOLDED NEOPRENE BODY

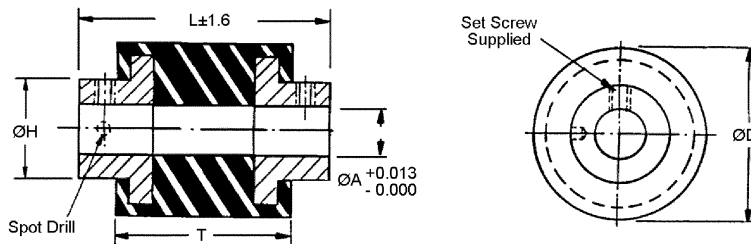


- Isolates torsional vibrations
- Insulates between shafts
- 1° angular misalignment (Max.)
- 0.13 Shaft misalignment (Max.)
- Maximum working torque of 105 N•cm

STOCK NO.	ØB	ØH	ØC
CO14M-1	2.995	7.9	4.6
CO14M-2	3.995	8.7	5.6
CO14M-3	4.995	9.7	6.6
CO14M-4	5.995	12.3	7.6
CO14M-5	7.995	12.8	9.6
CO14M-6	9.995	16.4	11.6

(Special bore sizes and mixed bore combinations available on request.)

BORE	STYLE	MATERIAL
5MM TO 13MM	PIN HUB	STAINLESS STEEL DIN 1.4305 HUBS POLYURETHANE CENTER

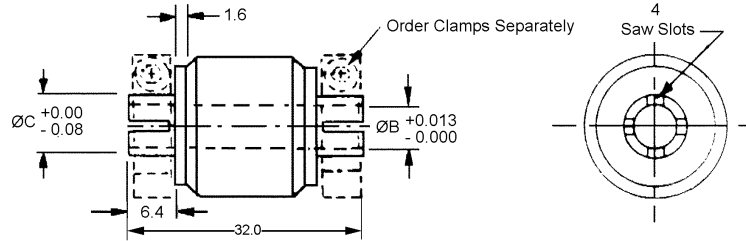


STOCK NO.	ØA	H	ØD	L	T
CC1-3M	4.995	9.5	23.8	31.8	19.1
CC1-14M	5.995	15.9	28.6	39.7	23.8
CC1-15M	7.995	15.9	28.6	39.7	23.8
CC1-16M	9.995	15.9	28.6	39.7	23.8
CC1-8M	12.995	25.4	41.3	57.2	35.0

Combination bores are available on request.

NEO-FLEX COUPLINGS

BORE	STYLE	MATERIAL
3MM TO 10MM	CLAMP HUB	STAINLESS STEEL DIN 1.4305 HUBS MOLDED NEOPRENE BODY

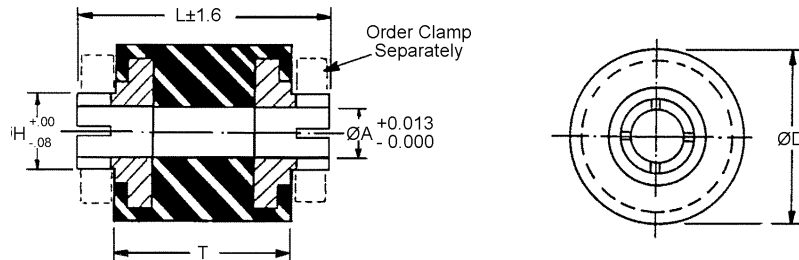


- Isolates torsional vibrations
- Insulates between shafts
- 1° angular misalignment (Max.)
- 0.13 Shaft misalignment (Max.)
- Maximum working torque of 105 N•cm

STOCK NO.	ØB	ØH	ØC	CLAMP STOCK NO.
CO15M-1	2.995	7.9	4.6	CG1M-4
CO15M-2	3.995	8.7	5.6	CG1M-5
CO15M-3	4.995	9.7	6.6	CG1M-8
CO15M-4	5.995	12.3	7.6	CG1M-11
CO15M-5	7.995	12.8	9.6	CG1M-14
CO15M-6	9.995	16.4	11.6	CG1M-16

(Special bore sizes and mixed bore combinations available on request.)

BORE	STYLE	MATERIAL
5MM TO 13MM	CLAMP HUB	STAINLESS STEEL DIN 1.4305 HUBS POLYURETHANE CENTER

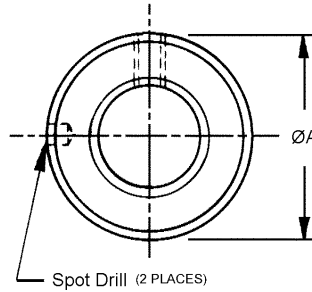
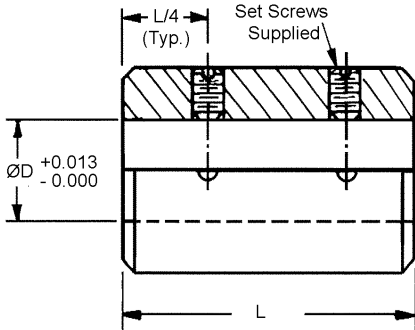


STOCK NO.	ØA	H	ØD	L	T
CC1-3M	4.995	6.6	23.8	31.8	19.1
CC1-14M	5.995	7.6	28.6	39.7	23.8
CC1-15M	7.995	9.6	28.6	39.7	23.8
CC1-16M	9.995	11.6	28.6	39.7	23.8
CC1-8M	12.995	14.6	41.3	57.2	35.0

Combination bores are available on request.

SLEEVE COUPLINGS

BORE	STYLE	MATERIAL
3MM TO 25MM	SET SCREW	STAINLESS STEEL DIN 1.4305

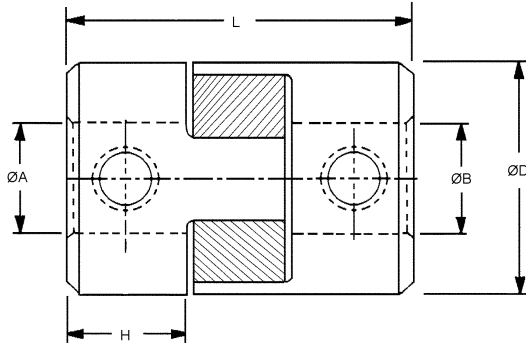


STOCK NO.	SHAFT SIZE	$\varnothing D$	L	$\varnothing A$
CTM-1	3	2.995	11	9
CTM-2	4	3.995	13	9
CTM-3	6	5.995	15	13
CTM-4	8	7.995	15	13
CTM-5	9	8.995	19	19
CTM-6	9	8.995	25	19
CTM-7	12	11.995	25	25
CTM-8	12	11.995	38	25
CTM-9	16	15.995	50	32
CTM-10	19	18.995	50	38
CTM-11	25	24.995	76	50
CTM-12	3-4	2.995 3.995	11	9
CTM-13	3-5	2.995 4.995	13	9
CTM-14	3-6	2.995 5.995	14	13
CTM-15	4-6	3.995 5.995	14	13
CTM-16	5-6	4.995 5.995	14	13
CTM-17	6-8	5.995 7.995	14	14
CTM-18	6-9	5.995 8.995	19	19
CTM-19	8-9	7.995 8.995	19	19
CTM-20	9-12	8.995 11.995	25	25

Modified or specials are available on request.

SPIDER COUPLINGS

BORES	DESCRIPTION	MATERIAL
3MM TO 12MM	SOFT 80 DURO SPIDER	ALUMINUM HUBS POLYURETHANE SPIDER



SOFT 80 DURO SPIDER STOCK NO.	ØA H10	ØB H10	ØD	H	L	MAX. WORKING TORQUE (N*cm) 80 DURO	MAX. PARALLEL MISALIGN.	MAX. ANGULAR MISALIGN.
CO46M-1A CO46M-2A	3.00 5.00	3.00 5.00	10.0	5.0	15.0	30	0.8	1°
CO47M-1A CO47M-2A CO47M-3A	3.00 5.00 7.00	3.00 5.00 7.00	14.0	7.0	22.0	140	1.2	
CO48M-1A CO48M-2A CO48M-3A	7.00 8.00 10.00	7.00 8.00 10.00	20.0	10.0	30.0	360	1.6	
CO49M-1A CO49M-2A CO49M-3A	8.00 10.00 12.00	8.00 10.00 12.00	30.0	11.0	35.0	800	2.0	

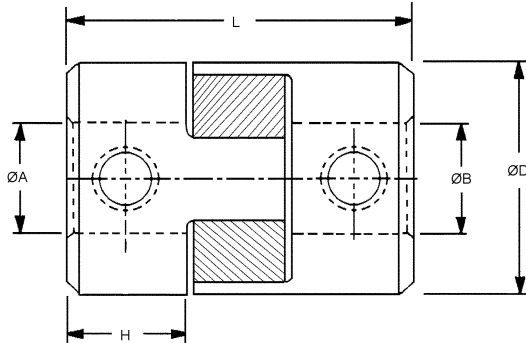
- Backlash free coupling for feedback devices, stepper motors and positioning devices.
- Torsional rigidity
- Contoured and machined components for quick assembly and minimum wear over extended use. Components assembled with pre-load.
- Bearing protection from parallel and angular misalignment
- Allowance for axial shaft float
- Small size, low WR², electrical isolation and light weight aluminum hubs.

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

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SPIDER COUPLINGS

BORE	DESCRIPTION	MATERIAL
3MM TO 12MM	RIGID 98 DURO SPIDER	ALUMINUM HUBS POLYURETHANE SPIDER



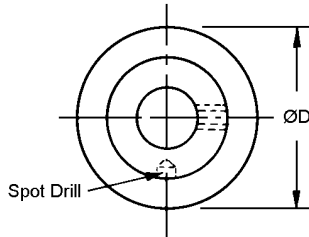
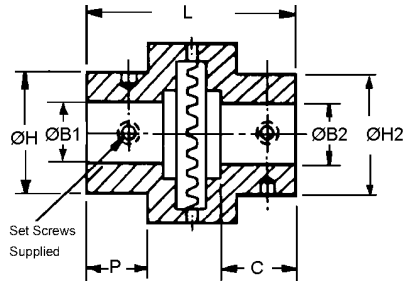
RIGID 98 DURO SPIDER STOCK NO.	ØA H10	ØB H10	ØD	H	L	MAX. WORKING TORQUE (N*cm) 98 DURO	MAX. PARALLEL MISALIGN.	MAX. ANGULAR MISALIGN.
CO46M-1B CO46M-2B	3.00 5.00	3.00 5.00	10.0	5.0	15.0	100	0.8	1°
CO47M-1B CO47M-2B CO47M-3B	3.00 5.00 7.00	3.00 5.00 7.00	14.0	7.0	22.0	400	1.2	
CO48M-1B CO48M-2B CO48M-3B	7.00 8.00 10.00	7.00 8.00 10.00	20.0	10.0	30.0	1000	1.6	
CO49M-1B CO49M-2B CO49M-3B	8.00 10.00 12.00	8.00 10.00 12.00	30.0	11.0	35.0	2500	2.0	

- Backlash free coupling for feedback devices, stepper motors and positioning devices.
- 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 WR², electrical isolation and light weight aluminum hubs.

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

MULTI-JAW COUPLINGS

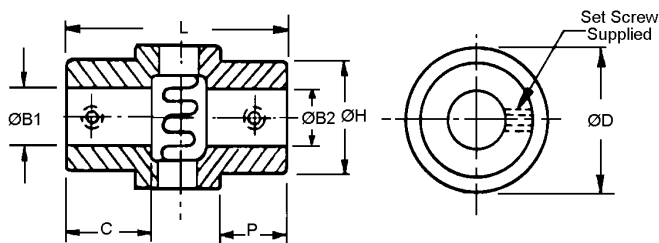
BORE	MATERIAL
3MM TO 13MM	STAINLESS STEEL DIN 1.4305



STOCK NO.	ØB1 +0.013 -0.000	ØB2 +0.013 -0.000	H1	H2	L	C	P	ØD	NO. OF TEETH	MAX. TORQUE
CM3M-1	2.995	2.995	8.0	8.0						
CM3M-2	2.995	3.995	8.0	9.0						
CM3M-3	3.995	3.995	9.0	9.0						
CM3M-4	3.995	4.995	9.0	10.0						
CM3M-5	3.995	5.995	9.0	13.0	20.0	6.0	6.0	14	32	200 N•cm
CM3M-6	4.995	4.995	10.0	10.0						
CM3M-7	4.995	5.995	10.0	13.0						
CM3M-8	5.995	5.995	13.0	13.0						
CM1M-1	2.995	3.995	8.0	9.0						
CM1M-2	3.995	3.995	9.0	9.0						
CM1M-3	3.995	4.995	9.0	10.0						
CM1M-4	3.995	5.995	9.0	13.0						
CM1M-5	4.995	4.995	10.0	10.0	22.0	6.0	7.0	19	48	350 N•cm
CM1M-6	4.995	5.995	10.0	13.0						
CM1M-7	5.995	5.995	13.0	13.0						
CM1M-8	7.995	7.995	13.0	13.0						
CM1M-9	9.995	9.995	18.0	18.0	32.0	11.0	8.0			
CM1M-10	12.995	12.995	24.0	24.0	38.0	14.0	11.0	25	64	640 N•cm

1.3 Disengagement and assembly clearance.
Other bore to bore combinations can be assembled to order from stock.

BORE	MATERIAL
5MM TO 13MM	STAINLESS STEEL DIN 1.0718 HEAVY DUTY

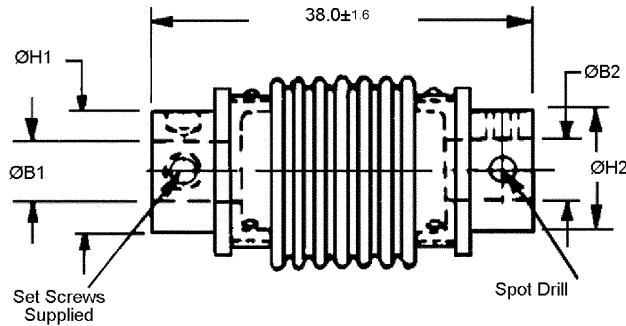


STOCK NO.	ØB1 +0.05 -0.00	ØB2 +0.05 -0.00	ØD	L	C	ØH	P	NO. OF TEETH	MAX. TORQUE (N•cm)
CM2M-1	5.00	5.00	13	28	13	11.0	11	10	280
CM2M-2	6.00	6.00	13	28	13	11.0	11	10	280
CM2M-3	8.00	8.00	19	38	16	17.0	13	10	460
CM2M-4	10.00	10.00	19	38	16	17.0	13	10	460
CM2M-5	13.00	13.00	25	51	22	23.0	19	12	780

7.1 Disengagement & Assembly Clearance

BELLOWS COUPLINGS

BORE	STYLE	MATERIAL
3MM TO 10MM	PIN HUB	STAINLESS STEEL DIN 1.4305

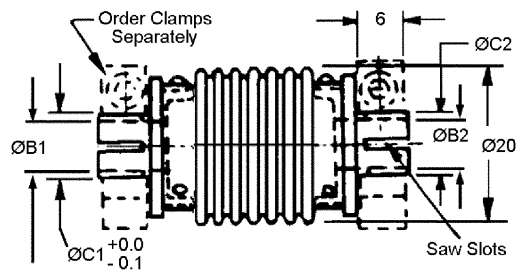


STOCK NO.	ØB1 H6	ØB2 H6	ØH1	ØH2
CO5M-1	2.995	2.995	8	8
CO5M-2	2.995	3.995	8	9
CO5M-3	2.995	4.995	8	10
CO5M-4	2.995	5.995	8	13
CO5M-5	3.995	3.995	9	9
CO5M-6	3.995	4.995	8	10
CO5M-7	3.995	5.995	8	13
CO5M-8	4.995	4.995	10	10
CO5M-9	4.995	5.995	10	11
CO5M-10	5.995	6.995	11	13
CO5M-11	5.995	5.995	11	11
CO5M-12	7.995	7.995	13	13
CO5M-13	9.995	9.995	15	15

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

Other bore sizes available.

BORE	STYLE	MATERIAL
3MM TO 10MM	CLAMP HUB	STAINLESS STEEL DIN 1.4305



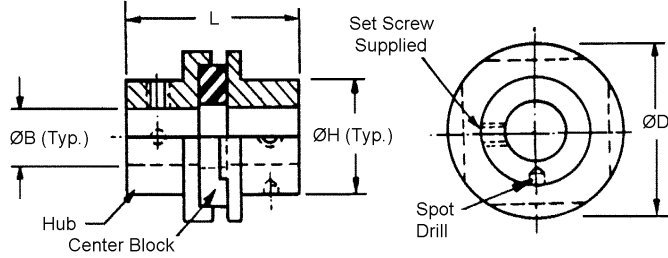
STOCK NO.	ØB1 H6	ØB2 H6	ØC1	ØC2
CO5M-1C	2.995	2.995	4.6	4.6
CO5M-2C	2.995	3.995	4.6	5.6
CO5M-3C	2.995	4.995	4.6	6.6
CO5M-4C	2.995	5.995	4.6	7.6
CO5M-5C	3.995	3.995	5.6	5.6
CO5M-6C	3.995	4.995	5.6	6.6
CO5M-7C	3.995	5.995	5.6	7.6
CO5M-8C	4.995	4.995	6.6	6.6
CO5M-9C	4.995	5.995	6.6	7.6
CO5M-10C	5.995	6.995	7.6	8.6
CO5M-11C	5.995	5.995	7.6	7.6
CO5M-12C	7.995	7.995	9.6	9.6
CO5M-13C	9.995	9.995	11.6	11.6

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

Other bore sizes available.

OLDHAM COUPLINGS

BORE	STYLE	MATERIAL
4MM TO 13MM	PIN HUB	STAINLESS STEEL DIN 1.4305 HUBS CENTER BLOCK: U = POLYURETHANE B = BRONZE OR N = NYLON

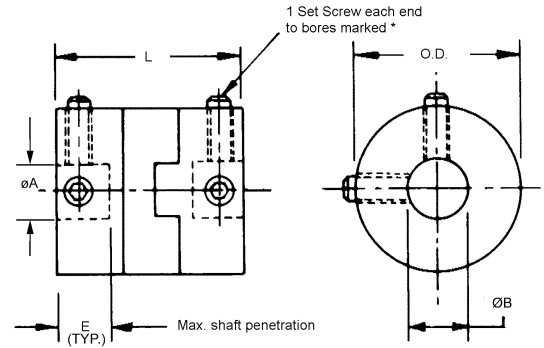


- Shaft to shaft misalignment 0.3 maximum
- Angular misalignment 1° maximum
- Maximum backlash 10 minutes

STOCK NO.	ØB +0.013 - 0.000	ØD	ØH	L	MAX. TORQUE N•cm.
CO3-4M-U CO3-4M-B CO3-4M-N	3.995	15.9	7.9	16.7	U = 50 B = 250 N = 75
CO3-5M-U CO3-5M-B CO3-5M-N	4.995	15.9	9.5	18.3	
CO3-6M-U CO3-6M-B CO3-6M-N	5.995	15.9	12.7	19.8	
CO3-8M-U CO3-8M-B CO3-8M-N	7.995	15.9	12.7	19.8	U = 250 N = 360
CO3-10M-U CO3-10M-N	9.995	34.9	19.1	39.7	
CO3-13M-U CO3-13M-B CO3-13M-N	12.995	38.1	25.4	46.0	U = 300 B = 1225 N = 430

BORES	STYLE	MATERIAL
2MM TO 16MM	PIN HUB	ALUMINUM HUBS DELRIN INSERTS

STOCK NO.	ØA +0.03	ØB +0.03	E	ØO.D.	L	MAX. WORKING TORQUE (N•cm)	MAX. PARALLEL MISALIGNMENT	MAX. ANGULAR MISALIGNMENT
CO30-B	SOLID	SOLID	-					
CO30M-1*	2.00	2.00						
CO30M-2*	3.00	3.00	3.8	6.3	12.7	10	.7	
CO31-B	SOLID	SOLID	-					
CO31M-1*	3.00	3.00						
CO31M-2*	4.00	4.00	3.8	9.5	12.7	20	.9	
CO32-B	SOLID	SOLID	-					
CO32M-1	3.00	3.00						
CO32M-2	4.00	4.00	4.3	12.7	15.9	49	1.2	
CO32M-3	6.00	6.00						
CO33-B	SOLID	SOLID	-					
CO33M-1	4.00	4.00						
CO33M-2	5.00	5.00	6.3	19.1	22.0	169	2.0	1/2°
CO33M-3	6.00	6.00						
CO33M-4	8.00	8.00						
CO34-B	SOLID	SOLID	-					
CO34M-1	6.00	6.00						
CO34M-2	8.00	8.00	8.6	25.4	28.4	395	2.5	
CO34M-3	10.00	10.00						
CO60-B	SOLID	SOLID	-					
CO60M-1	8.00	8.00						
CO60M-2	10.00	10.00	13.0	33.3	48.0	904	3.3	
CO60M-3	12.00	12.00						
CO35-B	SOLID	SOLID	-					
CO35M-1	10.00	10.00						
CO35M-2	12.00	12.00	16.7	41.3	50.8	2250	4.0	
CO35M-3	14.00	14.00						
CO35M-4	16.00	16.00						

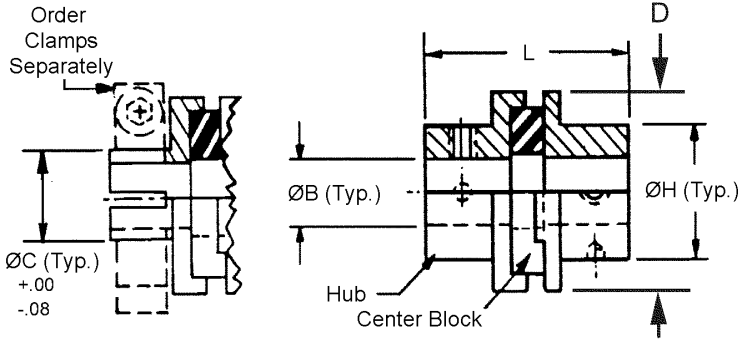


NOTE: Hubs are interchangeable within the same series. Special combinations will be assembled to order. Set screws are omitted from blanks. One (1) set screw supplied to bores marked (*), two (2) set screws supplied otherwise.

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

OLDHAM COUPLINGS

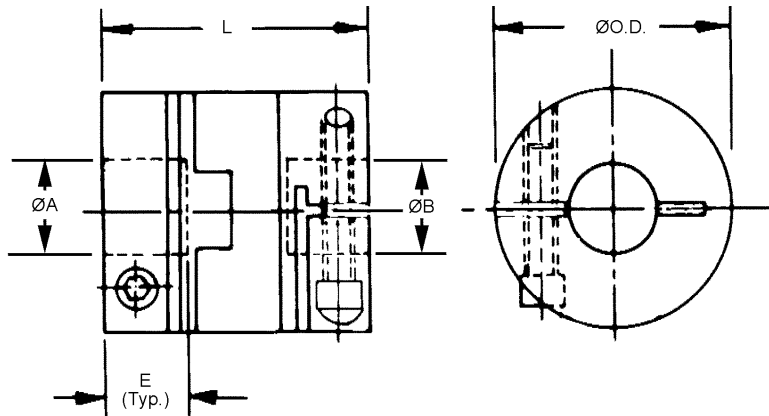
BORE	STYLE	MATERIAL
4MM TO 6MM	CLAMP HUB	STAINLESS STEEL DIN 1.4305 HUBS CENTER BLOCK: U = POLYURETHANE B = BRONZE AND N = NYLON



STOCK NO.	ØB +0.013 -0.000	ØD	ØC	L	MAX. TORQUE N*cm.
CO6-4M-U CO6-4M-B CO6-4M-N	3.995	15.9	5.6	21.4	U = 50 B = 250 N = 75
CO6-5M-U CO6-5M-B CO6-5M-N	4.995	15.9	6.6		
CO6-6M-U CO6-6M-B CO6-6M-N	5.995	15.9	7.6		

- Shaft to shaft misalignment 0.3 maximum
- Angular misalignment 1° maximum
- Maximum backlash 10 minutes

BORE	STYLE	MATERIAL
4MM TO 16MM	CLAMP HUB	ALUMINUM HUBS DELTRIN CENTER BLOCK



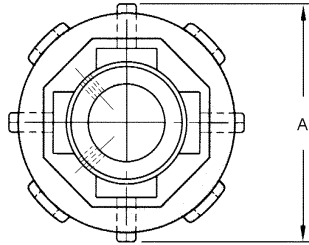
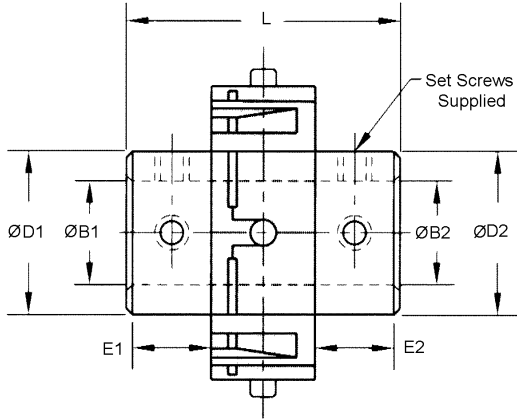
STOCK NO.	ØA +0.03	ØB +0.03	E	ØO.D.	L	MAX. WORKING TORQUE (N*cm)	MAX. PARALLEL MISALIGNMENT	MAX. ANGULAR MISALIGNMENT
CO33M-1C CO33M-4C	4.00 8.00	4.00 8.00	6.3	19.1	22.0	169	2.0	1/2°
CO34M-1C CO34M-2C CO34M-3C	6.00 8.00 10.00	6.00 8.00 10.00	8.6	25.4	28.4	395	2.5	
CO60M-1C CO60M-2C CO60M-3C	8.00 10.00 12.00	8.00 10.00 12.00	13.0	33.3	48.0	904	3.3	
CO35M-1C CO35M-2C CO35M-3C CO35M-4C	10.00 12.00 14.00 16.00	10.00 12.00 14.00 16.00	16.7	41.3	50.8	2250	4.0	



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

UNIVERSAL LATERAL COUPLINGS

BORE	STYLE	MATERIAL
3MM TO 16MM	PIN HUB	DELTRIN OUTER RING BRASS OR ALUMINUM HUBS



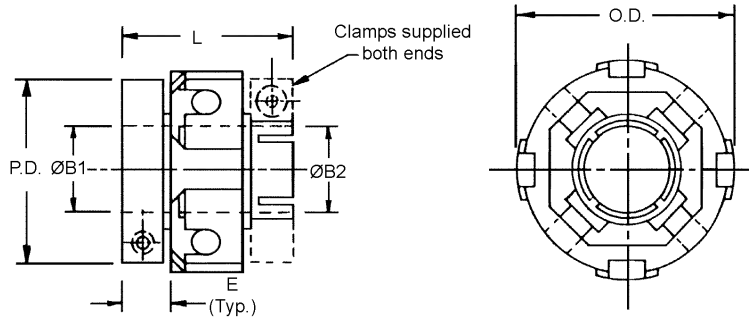
STOCK NO.	ØB1 +0.03	ØB2 +0.03	ØD1	ØD2	E1	E2	L	A	MAX WORKING TORQUE (N•cm)	MAX PARALLEL MISALIGN.	MAX - ANGULAR MISALIGN.	HUB MATERIAL				
CO26M-1	3.00	3.00	8.9	8.9	4.0	4.0	14.2	18	27	1.3	10°	BRASS				
CO26M-2	4.00	4.00														
CO26M-3	5.00	5.00														
CO26M-4	4.00	6.00	8.9	11.1	4.0	6.5	16.7									
CO26M-5	6.00	6.00											11.1	11.1	6.5	6.5
CO23M-1	3.00	6.00	12.7	12.7	4.8	4.8	19.1	27.2	169							
CO23M-2	4.00	4.00														
CO23M-3	4.00	6.00														
CO23M-4	6.00	6.00														
CO23M-5	8.00	8.00														
CO23M-6	6.00	10.00										12.7	15.1	4.8	7.9	22.3
CO23M-7	8.00	8.00														
CO23M-8	10.00	10.00										15.1	15.1	7.9	7.9	25.4
CO25XM-1	6.00	6.00	17.6	17.6	7.6	7.6	25.2	33.7	248	ALUMINUM						
CO25XM-2	6.00	10.00														
CO25XM-3	8.00	8.00														
CO25XM-4	10.00	12.00									17.6	20.1	7.6	10.2	28.0	
CO25XM-5	12.00	12.00														20.1
CO25M-1	6.00	6.00	22.1	22.1	7.6	7.6	28.4	41.4	429							
CO25M-2	7.00	7.00														
CO25M-3	8.00	8.00														
CO25M-4	10.00	10.00														
CO25M-5	16.00	16.00									24.2	24.2	12.5	12.5	38.1	

- 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 60°C
- Misalignment
 - Angular 10° maximum
 - Lateral .050 maximum

G

UNIVERSAL LATERAL COUPLINGS

BORES	STYLE	MATERIAL
3.18MM TO 12MM	CLAMP	DELTRIN OUTER RING BRASS BRASS OR ALUMINUM HUBS



STOCK NO.	ØB1 +0.03 -0.00	ØB2 +0.03 -0.00	ØD	E	L	MAXIMUM WORKING TORQUE (N*cm)	O.D.	HUB MATERIAL	
CO27-3 CO27M-1 CO27-6	3.18 6.00 6.35	6.35 6.00 6.35	19.1	6.5	19.1	27	19.1	TARNISH RESISTANT BRASS	
CO28M-1 CO28M-2 CO28M-3 CO28M-4	5.00 6.00 6.00 7.00	5.00 6.00 8.00 7.00	27.2	7.9	25.4	169	27.9		
CO29XM-1 CO29XM-2 CO29XM-3 CO29XM-4	6.00 6.00 8.00 10.00	6.00 8.00 10.00 10.00	20.1	10.2	30.7	248	33.7		ALUMINUM
CO29M-1 CO29M-2 CO29M-3 CO29M-4 CO29M-5 CO29M-6	6.00 6.00 8.00 10.00 11.00 12.00	6.00 12.00 8.00 12.00 11.00 12.00	24.2	12.5	38.1	429	41.4		

- 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 60°C
- Misalignment
 - Angular 10° maximum
 - Lateral .050 maximum

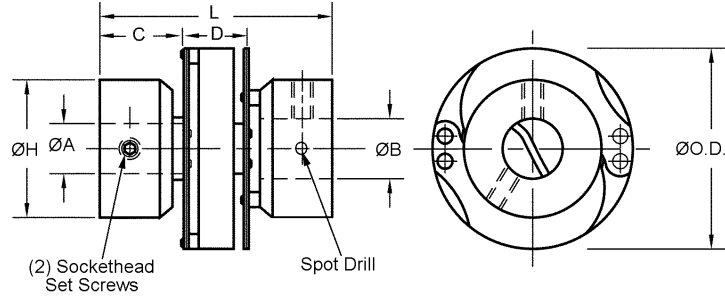
*Clamp hub is integral to hub on CO29 series.

Compatible with 2mm or 5/64" key.

Additional sizes and bore combinations available on request.

WAFER SPRING COUPLINGS

BORES	STYLE	MATERIAL
3MM TO 12MM	PIN HUB	HUBS AND CENTER BLOCK: ALUMINUM LEAVES:BERYLLIUM COPPER

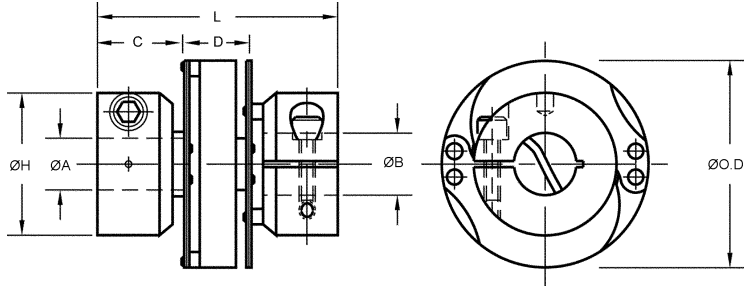


STOCK NO.	$\varnothing A$ +0.03	$\varnothing B$ +0.03	L	$\varnothing H$	C	$\varnothing O.D.$	MAX. WORKING OUTSIDE DIA.	MAX. TORQUE (N•cm)	MAX. PARALLEL MISALIGNMENT	MAX. ANGULAR MISALIGNMENT	MOMENT OF INERTIA (Kgm ²)
CO20M-1P	3.00	3.00								8°	.365
CO20M-2P	3.00	4.00									
CO20M-3P	3.00	5.00									
CO20M-4P	3.00	6.00									
CO20M-5P	4.00	4.00									
CO20M-6P	4.00	5.00									
CO20M-7P	4.00	6.00	22.3	14.2	7.5	7.1	19.1	115	0.4		
CO20M-8P	5.00	5.00									
CO20M-9P	5.00	6.00									
CO20M-10P	6.00	6.00									
CO20M-11P	6.00	7.00								1.223	
CO20M-12P	6.00	8.00									
CO20M-13P	7.00	7.00	30.7	19.1	11.1	8.4	25.4	160	0.5		
CO20M-14P	7.00	8.00									
CO20M-15P	8.00	8.00									
CO20M-16P	6.00	10.00								11.523	
CO20M-17P	6.00	12.00									
CO20M-18P	8.00	10.00									
CO20M-19P	8.00	12.00	46.2	25.4	16.7	12.7	38.1	310	0.7		
CO20M-20P	10.00	10.00									
CO20M-21P	10.00	12.00									
CO20M-22P	12.00	10.00									

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WAFER SPRING COUPLINGS

BORES	STYLE	MATERIAL
3MM TO 12MM	CLAMP HUB	HUBS AND CENTER BLOCK: ALUMINUM LEAVES:BERYLLIUM COPPER



STOCK NO.	ØA +0.03	ØB +0.03	L	ØH	C	ØO.D.	MAX. WORKING OUTSIDE DIA.	MAX. TORQUE (N·cm)	MAX. PARALLEL MISALIGNMENT	ANGULAR MISALIGNMENT	MOMENT OF INERTIA (Kg ^m ²)
CO20M-1	3.00	3.00								8°	.365
CO20M-2	3.00	4.00									
CO20M-3	3.00	5.00									
CO20M-4	3.00	6.00									
CO20M-5	4.00	4.00									
CO20M-6	4.00	5.00									
CO20M-7	4.00	6.00	23.9	14.3	7.5	7.1	19.1	115	0.4		
CO20M-8	5.00	5.00									
CO20M-9	5.00	6.00									
CO20M-10	6.00	6.00									
CO20M-11	6.00	7.00								1.223	
CO20M-12	6.00	8.00									
CO20M-13	7.00	7.00	30.7	19.1	11.1	8.4	25.4	160	0.5		
CO20M-14	7.00	8.00									
CO20M-15	8.00	8.00									
CO20M-16	6.00	10.00								11.523	
CO20M-17	6.00	12.00									
CO20M-18	8.00	10.00									
CO20M-19	8.00	12.00	46.2	25.4	16.7	12.7	38.1	310	0.7		
CO20M-20	10.00	10.00									
CO20M-21	10.00	12.00									
CO20M-22	12.00	10.00									

UNIVERSAL JOINTS

BORE	STYLE	MATERIAL
3MM TO 13MM	PIN	STAINLESS STEEL DIN 1.4305

STOCK NO.	ØB +0.013	ØH	L	A BORE LENGTH	MAX. WORKING TORQUE (N•cm)	MAX. ANGULAR MISALIGNMENT (N•cm)	FIG.
UJM-1	2.995	8.0	38.0	11.0	339		2
UJM-2	4.995	9.5	38.0	11.0	339		2
UJM-3	5.995	12.5	38.0	11.0	339	30°@ 500 RPM	1
UJM-4	7.995	12.5	38.0	11.0	339	10°@ 1000 RPM	1
UJM-5	9.995	19.0	66.5	23.5	904		1
UJM-6	12.995	25.5	85.5	29.5	2994		1

- Maximum parallel misalignment 0:0
- Ideal operating angle 10° at 1000 RPM
- Lubrication required at all times

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

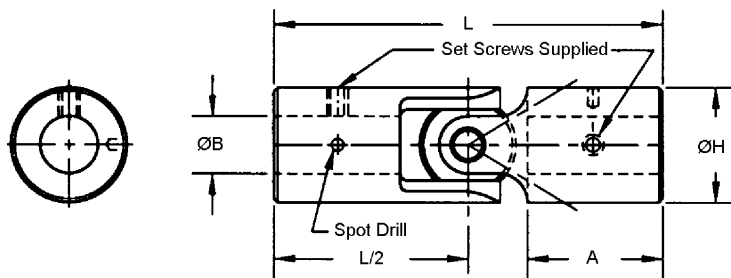


FIGURE 1 PIN STYLE

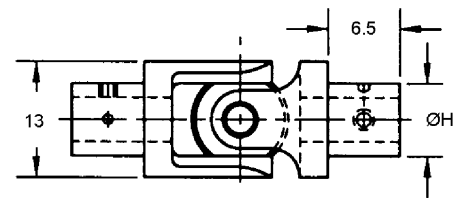


FIGURE 2 PIN STYLE

BORE	STYLE	MATERIAL
3MM TO 6MM	CLAMP	STAINLESS STEEL DIN 1.4305

STOCK NO.	ØB +0.013	ØH	L	CLAMP BORE LENGTH	CLAMP STOCK NO.	MAX. TORQUE (N•cm)	MAX. ANGULAR MISALIGNMENT
UJM-10	2.995	4.6	35.0	10.0	CG1M-4	339	30°@ 500 RPM
UJM-11	4.995	6.6			CG1M-10		10°@ 1000 RPM
UJM-12	5.995	7.6			CG1M-11		

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

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

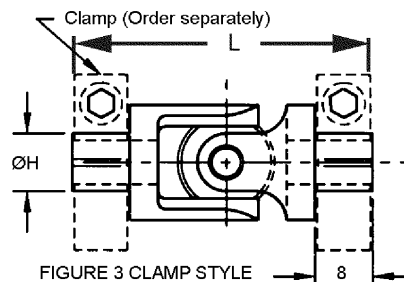


FIGURE 3 CLAMP STYLE

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UNIVERSAL JOINTS

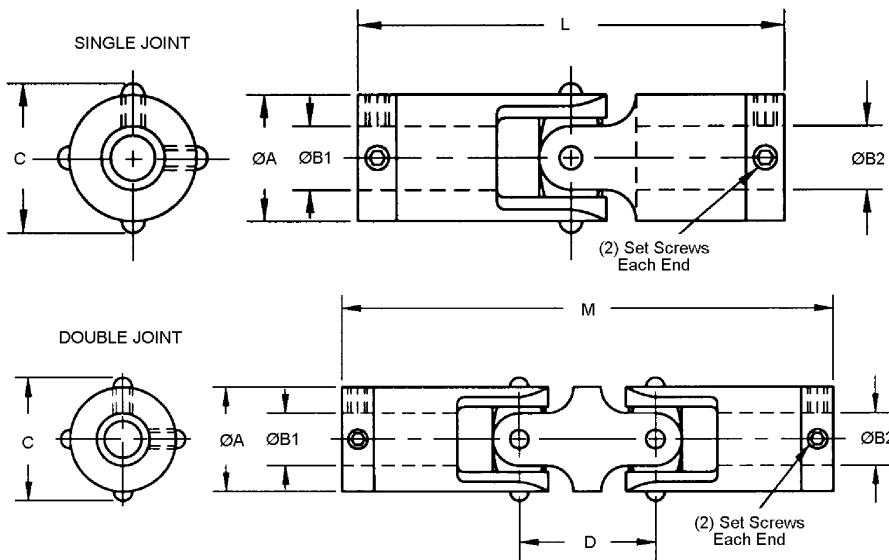
BORES	STYLE	MATERIAL
3MM TO 10MM	SINGLE AND DOUBLE JOINT	DELRIN BODY BRASS HUB ENDS AND SPIDER

SINGLE JOINT STOCK NUMBER	DOUBLE JOINT STOCK NUMBER	ØB1 +0.03	ØB2 +0.03	L	ØA	C	D	M
UJS-1M	UJD-1M	* 3.00	* 3.00	27.2	6.3	7.11	8.1	35.3
UJS-2M UJS-3M UJS-4M	UJD-2M UJD-3M UJD-4M	* 3.00 4.00 5.00	* 3.00 4.00 5.00	37.6	9.5	11.1	13.2	50.8
UJS-5M	UJD-5M	6.00	6.00	46.2	12.7	14.3	15.9	62.1
UJS-6M UJS-7M UJS-8M	UJD-6M UJD-7M UJD-8M	6.00 8.00 10.00	6.00 8.00 10.00	67.6	15.9	17.5	22.2	89.8

Reference Data:

SINGLE JOINT STOCK NUMBER	DOUBLE JOINT STOCK NUMBER	MAX. WORKING TORQUE (N-cm)		MAX. PARALLEL MISALIGNMENT		MAX. ANGULAR MISALIGNMENT	
		SINGLE JOINT	DOUBLE JOINT	SINGLE JOINT	DOUBLE JOINT	SINGLE JOINT	DOUBLE JOINT
UJS-1M	UJD-1M	11	8	0	5.6	45°	90°
UJS-2M UJS-3M UJS-4M	UJD-2M UJD-3M UJD-4M	39	16		9.1		
UJS-5M	UJD-5M	107	59		10.9		
UJS-6M UJS-7M UJS-8M	UJD-6M UJD-7M UJD-8M	169	129		15.5		

* 3.00mm bore couplings are supplied with one set screw each end.

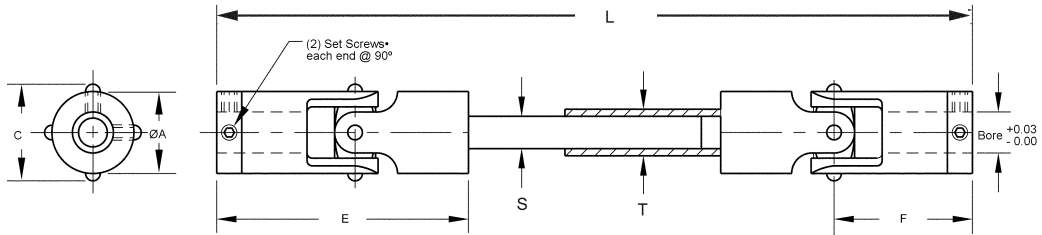


- Needs no lubrication
- Can be submersed in water
- Resists corrosion and chemical attack
- Electrically isolates input from output
- Zero backlash
- Lightweight
- Shock absorbent
- Non contaminant
- Temperature Range -40° F to +185° F



TELESCOPIC UNIVERSAL JOINTS

BORE	MATERIAL
3MM TO 10MM	DELRIN BODY BRASS ENDS, SPIDER AND TELESCOPIC SECTIONS



STOCK NUMBER	BORES	ØA	C	L		E	F	MAXIMUM TORQUE N*cm		S SQ.	T SQ.
				MAX	MIN			BREAK	WORKING		
				UJT-1M	3.00						
UJT-2M	4.00										
UJT-3M	5.00										
UJT-4M	6.00	12.7	13.8	186	139	40.9	23.1	451	107	4.8	6.4
UJT-5M	10.00	15.9	17.2	260	198	60.3	33.8	677	169	6.4	8.0

Minimum length can be reduced by cutting equal lengths off both telescope halves.

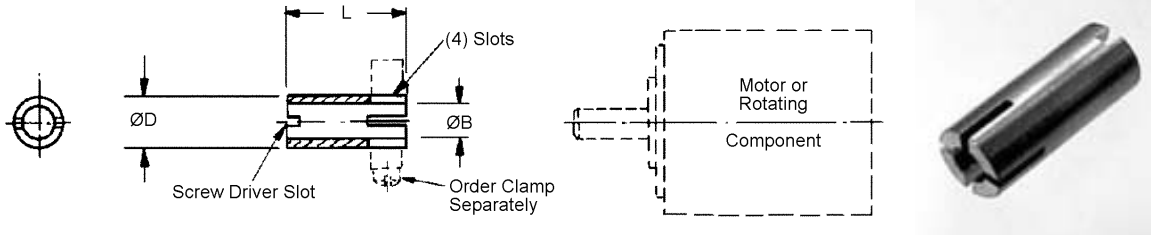
- Temperature Range -40° C to +85° C
- Needs no lubrication
- Can be submersed in water
- Resists corrosion
- Electrically isolates input from output
- Minimum Backlash
- Lightweight
- Non contaminant (e.g. food, textiles and paper handling)
- Non-magnetic
- Resists chemical attack
- Shock absorbent



G

SHAFT ADAPTERS

BORE	STYLE	MATERIAL
3MM TO 10MM	CLAMP	STAINLESS STEEL DIN 1.4305



STOCK NUMBER	ØB +0.03	ØD -0.03	L
SAM-10	3.00	4.00	11
SAM-11	3.00	5.00	10
SAM-12	3.00	6.00	11
SAM-13	4.00		
SAM-14	5.00		
SAM-15	5.00	8.00	11
SAM-16	6.00		
SAM-18	6.00	10.00	13
SAM-19	8.00		
SAM-20	6.00	12.00	13
SAM-21	8.00		
SAM-22	10.00		

Modifications and specials are available upon request.

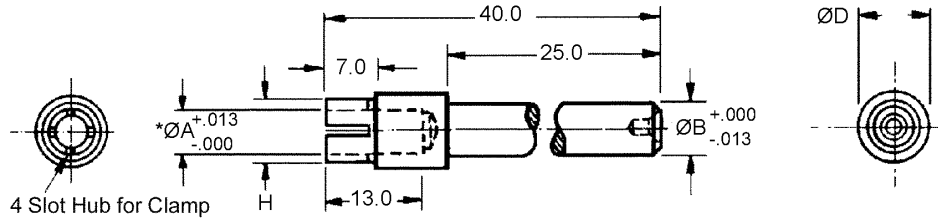
NOW AVAILABLE FROM W.M. BERG

INCH TO METRIC ADAPTORS

SEE PAGES G57 THROUGH G67 IN THE INCH SECTION OF THIS CATALOG

SHAFT EXTENSIONS

SHAFT SIZES	STYLE	MATERIAL
4MM TO 10MM	CLAMP HUB	STAINLESS STEEL DIN 1.4305

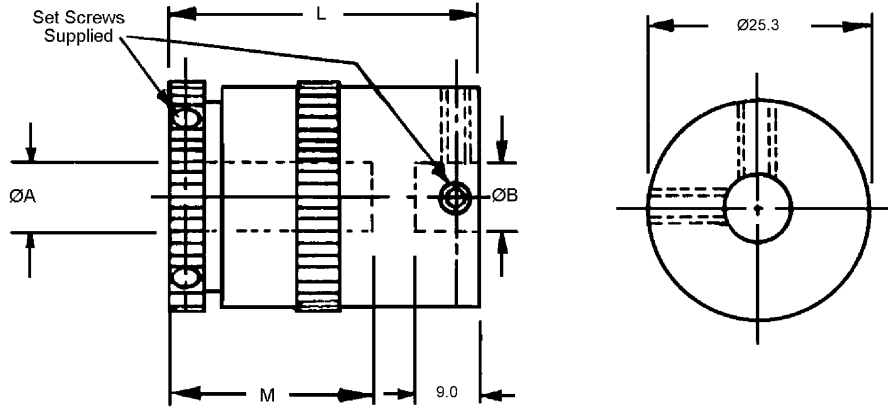


STOCK NUMBER	$\varnothing A$ (FEMALE END)	$\varnothing B$ (MALE END)	$\varnothing D$	$\varnothing H$	CLAMP (ORDER SEPARATELY)
PE3M-1	3.996	3.995	7.0	5.6	
PE3M-2	3.996	4.995	7.0	5.6	CG1M-5
PE3M-3	3.996	5.995	8.0	5.6	
PE3M-4	4.996	3.995	8.0	6.6	
PE3M-5	4.996	4.995	8.0	6.6	CG1M-10
PE3M-6	4.996	5.995	8.0	6.6	
PE3M-7	5.996	3.995	10.0	7.6	
PE3M-8	5.996	4.995	10.0	7.6	CG1M-11
PE3M-9	5.996	5.995	10.0	7.6	
PE3M-10	5.996	9.995	10.0	7.6	
PE3M-11	9.996	5.995	13.0	11.6	
PE3M-12	9.996	9.995	13.0	11.6	CG1M-16

Modifications and specials are available upon request.

SLIP COUPLINGS

BORE	TORQUE	MATERIAL
6MM AND 8MM	ADJUSTABLE 2.4 N.cm TO 132.4 N.cm	HOUSING, ADJUSTER RING AND ADAPTERS - ALUMINUM WITH ALOCROM FINISH, HUBS AND PLATES - HEAT TREATED STEEL, BEARING - SINTERED BRONZE

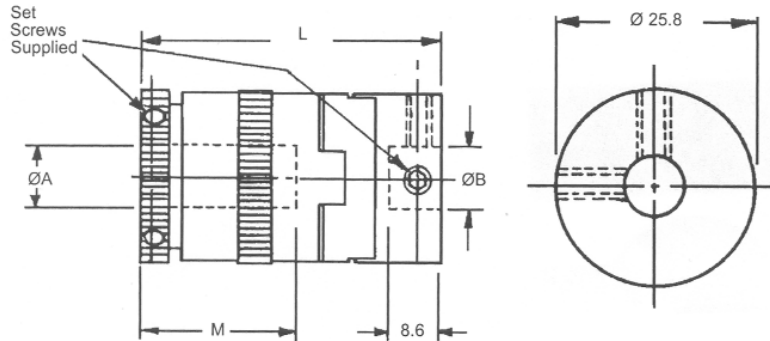


STOCK NO.	ØA BORE +0.03	ØB BORE +0.03	L	M	ADJUSTABLE TORQUE RANGE N•cm		WEIGHT
					MIN.	MAX.	
JJ-25M	6.00	6.00	36.0	25.0	2.4	53.0	50g
JJ-26M	8.00	8.00	36.0	25.0	2.4	53.0	50g
JJ-27M	6.00	6.00	42.5	31.0	7.8	132.4	61g
JJ-28M	8.00	8.00	42.5	31.0	7.8	132.4	61g

- Bi-directional
- Maximum operating Temperature 80°C
- Maximum backlash 2°

OLDHAM SLIP COUPLINGS

BORE	TORQUE	MATERIAL
6MM AND 8MM	ADJUSTABLE 2.4 N.cm TO 132.4 N.cm	HOUSING, ADJUSTER RING AND ADAPTERS - ALUMINUM WITH ALOCROM FINISH, HUBS AND PLATES - HEAT TREATED STEEL, BEARING - SINTERED BRONZE

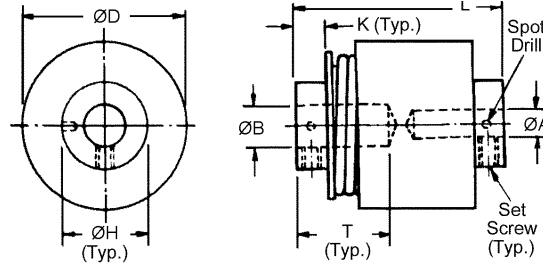


STOCK NO.	ØA BORE +0.03	ØB BORE +0.03	L	M	ADJUSTABLE TORQUE RANGE N•cm		WEIGHT
					MIN.	MAX.	
JJ-29M	6.00	6.00	46.5	25.0	2.4	53.0	57g
JJ-30M	8.00	8.00	46.5	25.0	2.4	53.0	57g
JJ-31M	6.00	6.00	53.4	31.0	7.8	132.4	68g
JJ-32M	8.00	8.00	53.4	31.0	7.8	132.4	68g

- Bi-directional
- Maximum operating Temperature 80°C
- Maximum backlash 2°

SLIP COUPLINGS

BORE	MATERIAL
3MM AND 19MM	STAINLESS STEEL DIN 1.4305



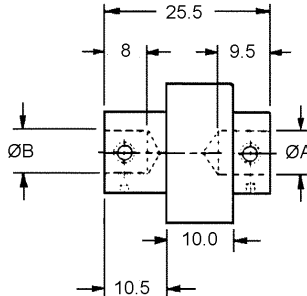
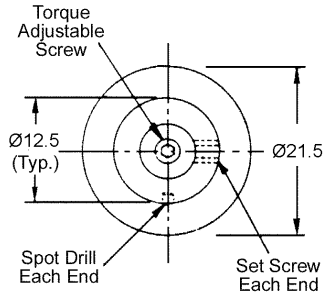
- Shaft to shaft misalignment to 0.3 max.
- Angular misalignment 3° maximum

STOCK NUMBER	BORE		L ±0.5	ØD ±0.5	ØH ±0.5	K ±0.5	T	TORQUE BI-DIRECTION N•cm
	+0.015 -0.000 ØA	ØB						
JJM-1	3.000	3.000	22.6	12.7	9.4	4.3	10.9	3.5 ± 0.5
JJM-2	3.000	4.000						
JJM-3	4.000	4.000						
JJM-4	4.000	4.000	28.2	19.1	12.7	4.8	12.7	8.5 ± 0.8
JJM-5	4.000	6.000						
JJM-6	6.000	6.000						
JJM-7	4.000	4.000	32.0	25.4	12.7	4.8	14.0	14.1 ± 1.4
JJM-8	4.000	6.000						
JJM-9	6.000	6.000						
JJM-10	6.000	6.000	36.3	31.8	15.7	6.4	15.7	33.9 ± 3.5
JJM-11	6.000	10.000						
JJM-12	10.000	10.000						
JJM-13	8.000	8.000	40.4	38.1	19.1	6.4	18.5	62.2 ± 6.4
JJM-14	10.000	10.000						
JJM-15	10.000	10.000	46.7	47.5	22.1	7.1	21.6	84.7 ± 8.5
JJM-16	10.000	12.000						
JJM-17	12.000	12.000						
JJM-18	10.000	10.000	57.2	57.2	38.1	9.7	25.4	169.5±16.9
JJM-19	10.000	12.000						
JJM-20	12.000	12.000						
JJM-21	12.000	16.000						
JJM-22	16.000	16.000						
JJM-23	16.000	19.000						
JJM-24	19.000	19.000						

Available On Request: Torque Limits Calibrated To 5%
Torques From 0.35 N•cm To 340 N•cm

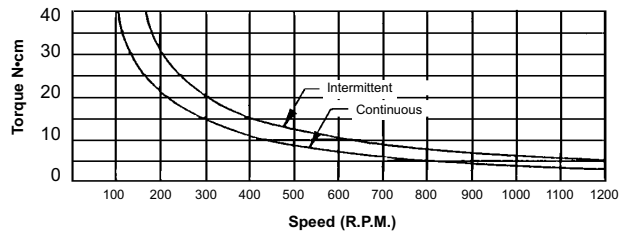
SLIP COUPLINGS

BORE	TORQUE	MATERIAL
4MM TO 6MM	ADJUSTABLE 0 N.cm TO 35.5 N.cm	STAINLESS STEEL HOUSING



- 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

STOCK NUMBER	$\varnothing A$ BORE +0.013	$\varnothing B$ BORE +0.013	ADJUSTABLE TORQUE RANGE
JKM-1	4.000	4.000	0 To 35.5 N*cm
JKM-2	4.000	5.000	
JKM-3	4.000	6.000	
JKM-4	5.000	5.000	
JKM-5	5.000	6.000	
JKM-6	6.000	6.000	
JKM-7	6.000	6.000	



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 20°C. 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.

OVERRUNNING COUPLING

BORE	STYLE	MATERIAL
4MM TO 13MM	CLOCKWISE SPRING WRAPPED - ONE DIRECTIONAL	STAINLESS STEEL DIN 1.4005 HUB DELRIN CENTER

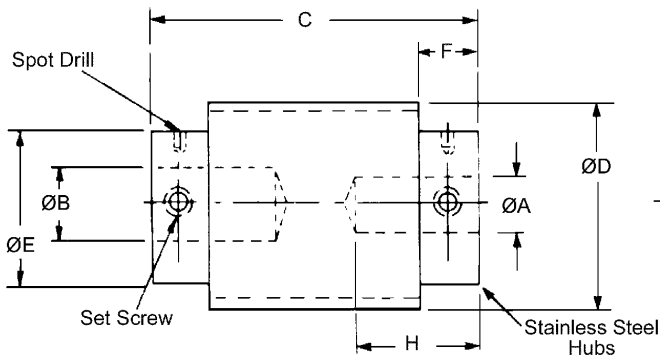
STOCK NO.	+0.015 ØA	+0.015 ØB	MAX DRIVE TORQUE	MAX DRAG TORQUE	C	ØD	ØE	F	H
JBM-R-1	3.995	3.995	113 N•cm	1.1 N•cm	25.0	19.0	14.0	5.4	12
JBM-R-2	3.995	4.995							
JBM-R-3	3.995	5.995							
JBM-R-4	4.995	4.995							
JBM-R-5	4.995	5.995							
JBM-R-6	5.995	5.995							
JBM-R-7	7.995	7.995	904 N•cm	2.8 N•cm	2.8	35.0	25.0	8.4	18.5
JBM-R-8	7.995	9.995							
JBM-R-9	7.995	12.995							
JBM-R-10	9.995	9.995							
JBM-R-11	9.995	12.995							
JBM-R-12	12.995	12.995							

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

BORE	STYLE	MATERIAL
4MM TO 13MM	COUNTER-CLOCKWISE SPRING WRAPPED - ONE DIRECTIONAL	STAINLESS STEEL DIN 1.4005 HUB DELRIN CENTER

STOCK NO.	+0.015 ØA	+0.015 ØB	MAX DRIVE TORQUE	MAX DRAG TORQUE	C	ØD	ØE	F	H
JBM-L-1	3.995	3.995	113 N•cm	1.1 N•cm	25.0	19.0	14.0	5.4	12
JBM-L-2	3.995	4.995							
JBM-L-3	3.995	5.995							
JBM-L-4	4.995	4.995							
JBM-L-5	4.995	5.995							
JBM-L-6	5.995	5.995							
JBM-L-7	7.995	7.995	904 N•cm	2.8 N•cm	2.8	35.0	25.0	8.4	18.5
JBM-L-8	7.995	9.995							
JBM-L-9	7.995	12.995							
JBM-L-10	9.995	9.995							
JBM-L-11	9.995	12.995							
JBM-L-12	12.995	12.995							

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



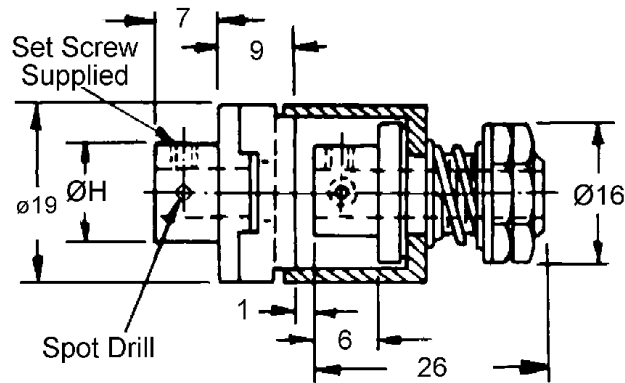
Drive load in one direction.
Clutch rotates freely in opposite direction

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

INLINE COUPLING SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
4MM TO 6MM	PIN HUB	ADJUSTABLE 0 N.cm TO 17 N.cm	STAINLESS STEEL DIN 1.4305

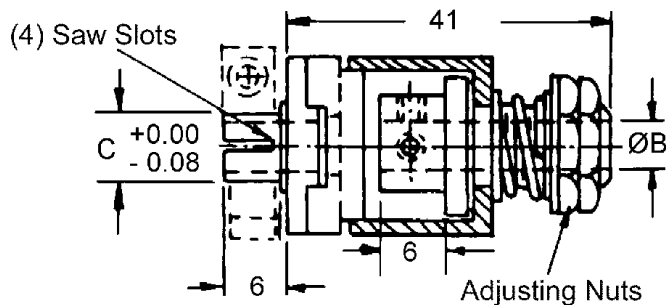
STOCK NO.	ØB1* +0.013	ØB2 +0.013	ØH	ADJUSTABLE SLIP TORQUE
CO16M-1	3.995	3.995	8	0 TO 17 N*cm
CO16M-2	4.995	4.995	10	
CO16M-3	5.995	5.995	13	
CO16M-4	3.995	4.995	10	
CO16M-5	3.995	5.995	13	
CO16M-6	4.995	5.995	13	



PIN HUB

BORE	STYLE	TORQUE	MATERIAL
4MM TO 6MM	CLAMP HUB	ADJUSTABLE 0 N.cm TO 17 N.cm	STAINLESS STEEL DIN 1.4305

STOCK NO.	ØB1* +0.013	ØB2 +0.013	ØC	ADJUSTABLE SLIP TORQUE
CO17M-1	3.995	3.995	5	0 TO 17 N*cm
CO17M-2	4.995	4.995	7	
CO17M-3	5.995	5.995	8	
CO17M-4	3.995	4.995	7	
CO17M-5	3.995	5.995	8	
CO17M-6	4.995	5.995	8	



CLAMP HUB

*Bore size on adjustable end.
Other bore combinations on request.
For 35 N*cm units, add -35 to stock number.

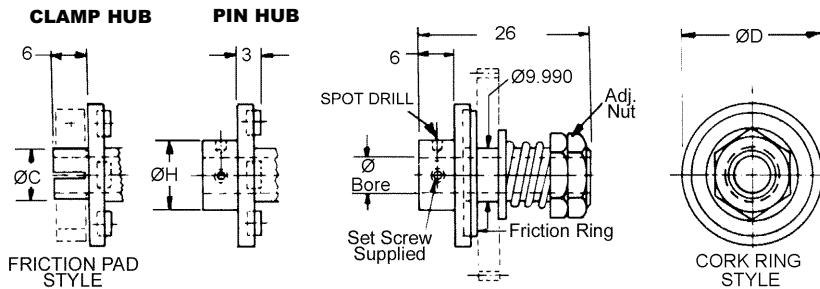
SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
4MM TO 6MM	PIN HUB	ADJUSTABLE 0 N.cm TO 35 N.cm	STAINLESS STEEL DIN 1.4305

STOCK NO.	BORE SIZE	ØH	ØD	ADJUSTABLE SLIP TORQUE
JCM-10	3.995	8	15	0 TO 7 N•cm
JCM-11	4.995	10		
JCM-12	5.995	13		
JCM-10-50	3.995	8	15	7 TO 35 N•cm
JCM-11-50	4.995	10		
JCM-12-50	5.995	13		
JAM-1	3.995	8	25	7 TO 35 N•cm
JAM-2	4.995	10		
JAM-3	5.995	13		
JCM-1	3.995	8	25	0 TO 7 N•cm
JCM-2	4.995	10		
JCM-3	5.995	13		
JCM-1-50	3.995	8	25	7 TO 35 N•cm
JCM-2-50	4.995	10		
JCM-3-50	5.995	13		

BORE	STYLE	TORQUE	MATERIAL
4MM TO 6MM	CLAMP HUB	ADJUSTABLE 0 N.cm TO 35 N.cm	STAINLESS STEEL DIN 1.4305

STOCK NO.	BORE SIZE	ØC	ØD	ADJUSTABLE SLIP TORQUE
JAM-1C	3.995	8	25	7 TO 35 N•cm
JAM-2C	4.995	10		
JAM-3C	5.995	13		
JCM-1C	3.995	8	25	0 TO 7 N•cm
JCM-2C	4.995	10		
JCM-3C	5.995	13		
JCM-1-50C	3.995	8	25	7 TO 35 N•cm
JCM-2-50C	4.995	10		
JCM-3-50C	5.995	13		

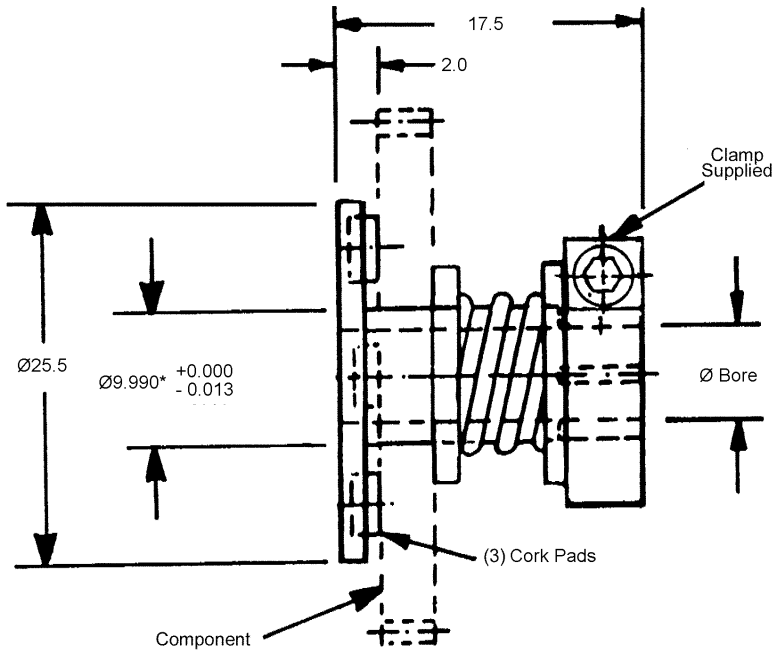


Order gears and clamps separately.

G

SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
4MM TO 6MM	CLAMP HUB	ADJUSTABLE 0 N.cm TO 70 N.cm	STAINLESS STEEL DIN 1.4305*



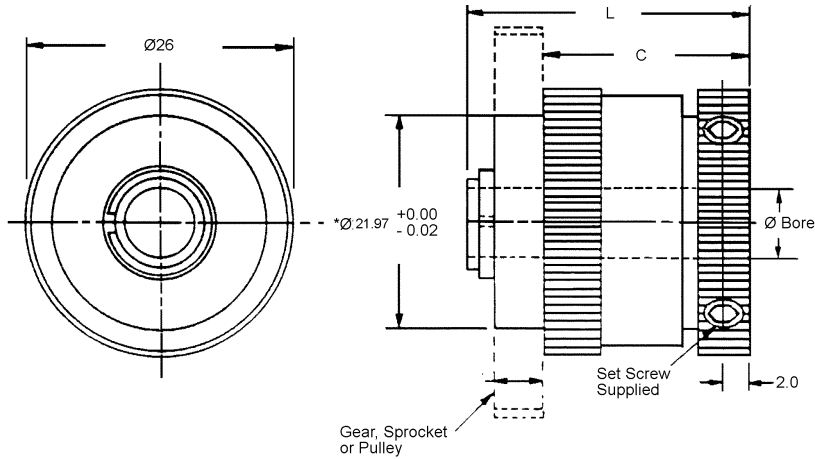
- Use with gears, sprockets, pulleys, ratchets, cams, or other components with 10mm bores.

STOCK NO.	BORE	COMPONENT THICKNESS (IN.)	ADJUSTABLE SLIP TORQUE (IN.)
JCM-7	3.995	1.5 THROUGH 3.0	1.5, 0-10 N•cm 3.0, 3-20 N•cm
JCM-8	4.995		
JC-M9	5.995		
JC-7M-50	3.995	1.5 THROUGH 3.0	1.5, 10-35 N•cm 3.0, 18-70 N•cm
JC-8M-50	4.995		
JC-9M-50	5.995		

* Adjustable by varying spring force

SLIP CLUTCHES

BORE	TORQUE	MATERIAL
6MM OR 8MM	ADJUSTABLE 2.5 N.cm TO 132 N.cm	HOUSING, ADJUSTOR RING & ADAPTERS-ALUMINUM HUB & PLAES-STEEL, BEARING-SINTERED BRONZE



STOCK NO.	Ø BORE +0.03	L	C	ADJUSTABLE TORQUE RANGE		WEIGHT
				MIN.	MAX.	
JH-11M	6.00			2.5	53.5	37g
JH-12M	8.00	26.4	20.0	N• cm.	N• cm	
JH-13M	6.00			7.8	132.0	48g
JH-14M	8.00	32.4	25.6	N• cm	N• cm	

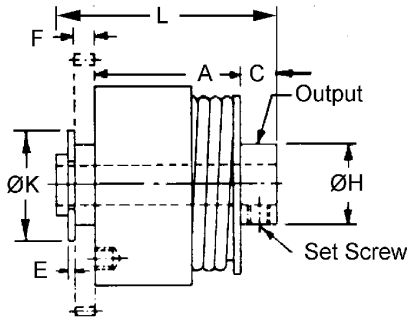
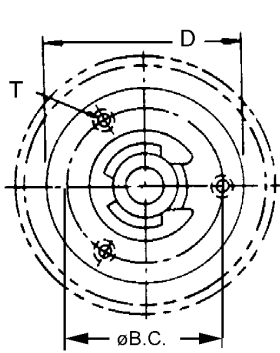
- Maximum operating temperature 80°C
- Maximum backlash 2°
- Bi-directional
- Fine-knurled torque adjustment rings

SLIP CLUTCH

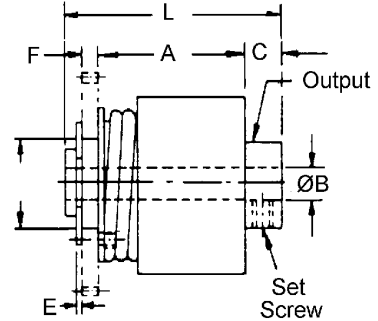
BORE	STYLE	MATERIAL
3MM TO 12MM	1 AND 2	STAINLESS STEEL BRONZE BEARINGS

STOCK NO.	ØB BORE +0.02 - 0.00	TORQUE BI-DIRECTIONAL	ØK DIA. -0.02	L	A	C	STYLE	ØD	T THREAD (DEPTH)	ØB.C.	F	ØQ (MAX.)	E	ØH
JH-1M	3.00	6.4 N•cm ± 0.7	10.00	26.7	18.3	4.6	1	16	M1.2 X 2.5 X 2.0Dp.	12	2.0	11.4	0.8	10
JH-2M	4.00	14.1 N•cm ± 1.4	12.00	31.5	21.6	5.3	1	25	M1.2 X 2.5 X 2.0Dp.	16	2.4	17.3	1.0	13
JH-2AM	6.00	14.1 N•cm ± 1.4	12.00	31.5	21.6	5.3	1	25	M1.2 X 2.5 X 2.0Dp.	16	2.4	17.3	1.0	13
JH-3M	6.00	33.9 N•cm ± 3.5	12.00	35.3	23.9	5.8	1	35	M2.0 X 0.4 X 2.5Dp.	25	3.3	17.3	1.0	13
JH-4M	6.00	56.5 N•cm ± 5.7	12.00	35.3	23.9	5.8	2	35	M2.0 X 0.4 X 2.5Dp.	25	3.3	17.3	1.0	16
JH-5M	6.00	84.7 N•cm ± 8.5	12.00	42.4	30.5	6.4	1	48	M2.0 X 0.4 X 2.5Dp.	20	3.3	17.3	1.0	16
JH-5AM	8.00	84.7 N•cm ± 8.5	12.00	42.4	30.5	6.4	1	48	M2.0 X 0.4 X 2.5Dp.	20	3.3	17.3	1.0	25
JH-6M	10.00	105.9 N•cm ± 10.6	20.00	47.8	34.0	7.4	1	48	M2.0 X 0.4 X 2.5Dp.	30	3.3	18.8	1.0	25
JH-6AM	12.00	105.9 N•cm ± 10.6	20.00	47.8	34.0	7.4	1	48	M2.0 X 0.4 X 2.5Dp.	30	3.3	18.8	1.0	25
JH-7M	6.00	169.5 N•cm ± 17.0	20.00	47.8	34.0	7.4	2	57	M3.0 X 0.5 X 4.0Dp.	30	3.3	18.8	1.0	25
JH-8M	8.00													
JH-9M	10.001													
JH-10M	12.00													
JH-7M-X	6.00	226 N•cm ± 23.0	20.00	47.8	34.0	7.4	2	57	M3.0 X 0.5 X 4.0Dp.	30	3.3	18.8	1.0	25
JH-8M-X	8.00													
JH-9M-X	10.001													
JH-10M-X	12.00													

- Torque limits calibrated to 5% on request.
- Torques from 0.35 N.cm to 339 N.cm are available on request.



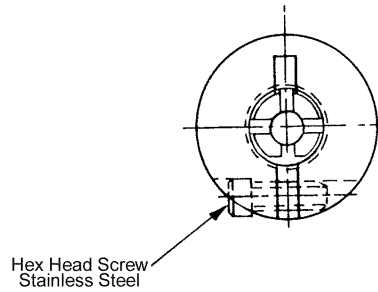
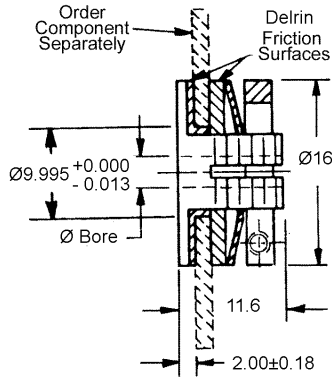
STYLE 2



STYLE 1

MINIATURE SLIP CLUTCH

BORE	STYLE	TORQUE	MATERIAL
4MM TO 5MM	CLAMP HUB	ADJUSTABLE 0 N.cm TO 35.5 N.cm	ANODIZED ALUMINUM



STOCK NO.	\varnothing BORE +0.005	COMPONENT THICKNESS
JAM-4	3.995	1.5 THROUGH 3.0
JAM-5	4.995	

- Use with gears, sprockets, pulleys, ratchets, cams, or other components with 10mm bores.

Special bore sizes available on request.

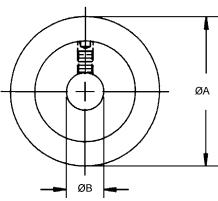
* Adjustable by varying spring force

SLIP CLUTCHES AND COUPLINGS

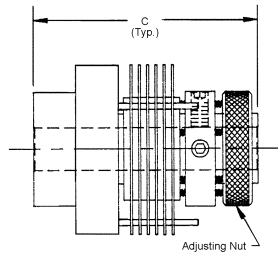
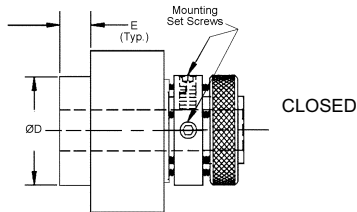
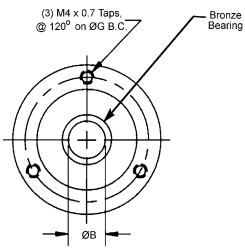
BORE	STYLE	TORQUE	MATERIAL
3MM TO 12MM	OPEN OR CLOSED	ADJUSTABLE 3.4 N.cm TO 280 N.cm	HOUSING, ADJUSTER RING AND ADAPTERS - ALUMINUM; ALOCROM FINISH, HUBS; PLATES - HEAT TREATED STEEL; BEARING - SINTERED BRONZE

SLIP CLUTCH STOCK NO.	SLIP COUPLING STOCK NO.	ØB +0.03	ØA	C	ØD	E	ØG	ADJUSTABLE TORQUE RANGE	STYLE
JCL-1M JCL-2M JCL-3M	JCO-1M JCO-2M JCO-3M	3 4 6	25	33	10	6	18	3.4 TO 113 N*cm	CLOSED
JCL-4M JCL-5M JCL-6M	JCO-4M JCO-5M JCO-6M	6 8 12	38	64	25	10	30	5.6 TO 280 N*cm	OPEN

**SLIP COUPLING
JCO SERIES - CLOSED**



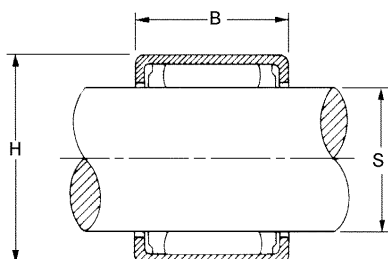
**SLIP CLUTCH
JCL SERIES - CLOSED**



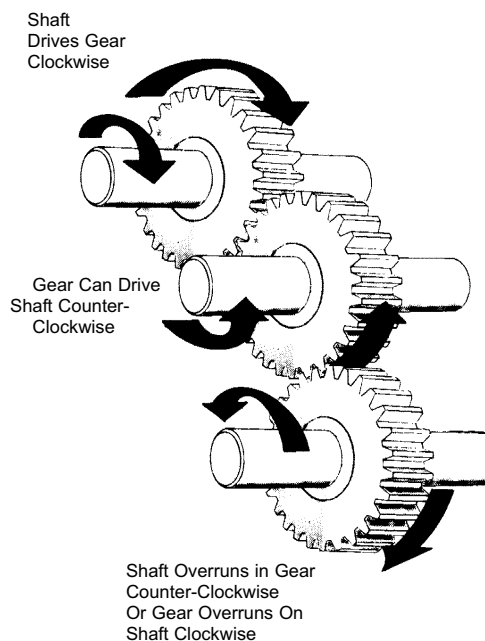
OPEN

ROLLER CLUTCHES

BORE	STYLE	MATERIAL
4MM TO 20MM	DRAWN CUP DESIGN ONE DIRECTIONAL DRIVE	ROLLER CUP - CASE HARDENED STEEL; NEEDLE BEARINGS - HARDENED CHROME STEEL DIN 1.3505; 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 - 45°C to + 70°C
- Minimum Backlash



STOCK NO.	BORE ØS	ØH CLUTCH O.D.	B + .000 - .008	MAX TORQ N•cm	HOUSING DIAMETER N7 STEEL R7 ALUM.	OVERRUN SPEED (MAX) (RPM)
NRC-4M*	4	8.000	6.00	0.34	8.000	17000
NRC-6M	6	10.000	12.00	1.76	10.000	23060
NRC-8M	8	12.000	12.00	3.15	12.000	17000
NRC-10M	10	14.000	12.00	5.30	14.000	14000
NRC-12M	12	18.000	16.00	12.20	18.000	11000
NRC-20M	20	26.000	16.00	28.50	26.000	7000

* HARDENED SHAFTING STOCK LENGTH 300mm OTHER LENGTHS ON REQUEST	
SHAFTING STOCK NO.	SHAFT DIAMETER h6
LMS-6M	6.000
LMS-8M	8.000
LMS-12M	12.000
LMS-20M	20.000

- * Order Shaft Separately.
- Maximum operating temperature +70°C due to plastic spring design.



