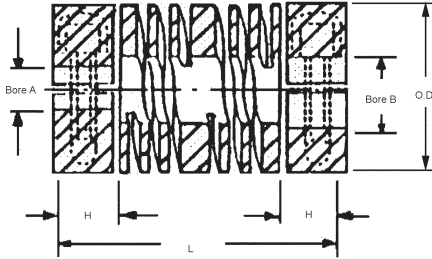


# SIX BEAM FLEXIBLE COUPLING

BORES	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	5°	.005	8
CO37S-2	.125	.125						
CO37S-3	.125	.187						
CO37S-4	.187	.187						
CO39S-1	.120	.125	.500	1.000	.270	5°	.007	15
CO39S-2	.125	.125						
CO39S-3	.187	.187						
CO39S-4	.250	.250						
CO41S-1	.187	.250	.750	1.100	.250	7°	.010	40
CO41S-2	.250	.250						
CO41S-3	.250	.375						
CO41S-4	.375	.375						
CO43S-1	.250	.250	1.000	1.500	.430	7°	.015	85
CO43S-2	.312	.312						
CO43S-3	.375	.375						
CO43S-4	.500	.500						
CO45S-1	.250	.375	1.250	2.250	.620	7°	.020	115
CO45S-2	.375	.375						
CO45S-3	.500	.500						
CO45S-4	.625	.625						
CO51S-1	.500	.500	1.500	2.625	.710	7°	.020	170
CO51S-2	.625	.625						
CO51S-3	.750	.750						
CO53S-1	.500	.500	1.750	3.000	.790	7°	.031	200
CO53S-2	.625	.625						
CO53S-3	.750	.750						
CO55S-1	.750	.750	2.250	5.125	1.260	7°	.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 -40° F to 248° 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