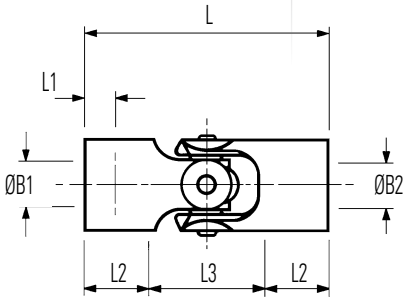
Huco-Pol

Type 101 Plastic Universal Joints





Materials & Finishes

Bodies: Acetal
Cross-pieces: Brass Cu Zn 21 Si 3P (Lead Free)

Operating Temperature Range

-4°F to +140°F (- 20°C to +60°C)

Maximum Rotational Speed

1000 rev/min

NON-CATALOG ITEM

SINGLE JOINTS - DIMENSIONS & ORDER CODES

Size	Order Code	Dimensions							
		OD in. (mm)	L in. (mm)	L1 in. (mm)	L2 in. (mm)	L3 in. (mm)	B1, B2 Max in. (mm)	Moment of inertia kgm2 x 10-8	Mass kg x 10-3
06	101.06	0.28 (7.1)	0.75 (19.1)	0.13 (3.3)	0.21 (5.3)	0.34 (8.6)	0.19 (4.76)	0.3	0.7
09	101.09	0.44 (11.1)	1.12 (28.5)	0.17 (4.3)	0.34 (8.6)	0.45 (11.4)	0.25 (6.35)	4.0	2.7
13	101.13	0.56 (14.3)	1.40 (35.6)	0.22 (5.6)	0.41 (10.4)	0.58 (14.8)	0.31 (8.0)	14.3	5.7
16	101.16	0.69 (17.5)	2.10 (53.3)	0.35 (8.9)	0.60 (15.2)	0.91 (23.0)	0.43 (11.0)	32.3	12.2

SINGLE JOINTS - PERFORMANCE at 68°F (20°C)

Size	Peak Torque lb.-in. (Nm)	Static Break Torque lb.-in. (Nm)	Torsional Rate deg/Nm	Torsional Stiffness Nm/Rad	Max angular compensation @ 1000 rev/min	Max axial loading N
06	0.97 (0.11)	3.98 (0.45)	19.7	2.9	45	18
09	3.19 (0.36)	16.8 (1.9)	6.8	8.4	45	38
13	7.52 (0.85)	39.8 (4.5)	3.2	18	45	67
16	14.2 (1.6)	60.2 (6.8)	1.7	34	45	98

STANDARD BORES

Size	Bore tolerences • +0.0016"/ -0.0004" (+0.04mm/-0.01mm)									
	(3)	1/8"	(4)	3/16"	(5)	(6)	1/4"	(8)	3/8"	(10)
06	●	●	●	●						
09			●	●	●	●	●			
13						●	●	●		
16								●	●	●
Bore Ref	14	16	18	19	20	22	24	28	31	32

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