

MINIATURE HELICAL COUPLINGS

SDPSI

ZERO BACKLASH
LIGHTWEIGHT

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM



> MATERIAL:

7075-T651 Aluminum

> MISALIGNMENT COMPENSATION:

Max. Angular Offset: 3°

Max. Lateral Offset: See table below

> MAX. OPERATING SPEED:

5000 rpm

Service Factor	
Shock & Reversing	2
Nonreversing	1.5
Steady Load	1

*Select the size so that
(Application Torque) x (Service Factor)
is less than the allowable maximum torque

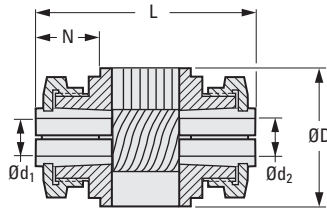
> SPECIFICATION:

d₁, d₂ Tolerance:

4 to 6 mm +0.012/0

8 & 10 mm +0.015/0

12 mm +0.018/0



METRIC COMPONENT

Catalog Number	D Dia.	d ₁ Bore H7	d ₂ Bore H7	N	L	Max. Lateral Offset	Max.* Torque N • m	Torsional Stiffness N • m/rad	Approx. Weight grams
S54MHCM190404	19.1	4	4	8	28	0.08	4	90	22
S54MHCM190405		4	5						
S54MHCM190406		4	6						
S54MHCM190408		4	8						
S54MHCM190505		5	5						
S54MHCM190506		5	6						
S54MHCM190508		5	8						
S54MHCM190606		6	6						
S54MHCM190608		6	8						
S54MHCM190808		8	8						
S54MHCM250505	25.4	5	5	11	40	0.10	8	130	30
S54MHCM250506		5	6						
S54MHCM250508		5	8						
S54MHCM250510		5	10						
S54MHCM250606		6	6						
S54MHCM250608		6	8						
S54MHCM250610		6	10						
S54MHCM250808		8	8						
S54MHCM250810		8	10						
S54MHCM251010		10	10						
S54MHCM310606	31.8	6	6	16	58	0.15	14	200	60
S54MHCM310608		6	8						
S54MHCM310610		6	10						
S54MHCM310612		6	12						
S54MHCM310808		8	8						
S54MHCM310810		8	10						
S54MHCM310812		8	12						
S54MHCM311010		10	10						
S54MHCM311012		10	12						
S54MHCM311212		12	12						

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