

CROWNED TOOTH GEAR TYPE FLEXIBLE COUPLINGS



> MATERIAL:

Sleeve - Molded Nylon
Hub - Steel

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



> MISALIGNMENT COMPENSATION:

Max. Angular Offset: 1°/Hub
Max. Lateral Offset: .016/Hub
Max. Axial Motion: ± .040
Recommended Shaft Gap: .160

> OPERATING TEMPERATURE:

+180°F

> FEATURES:

Free axial movement.
Low friction and minimum stress during misalignment.
High torque and low inertia.
Lubrication-free.
Blind assembly.

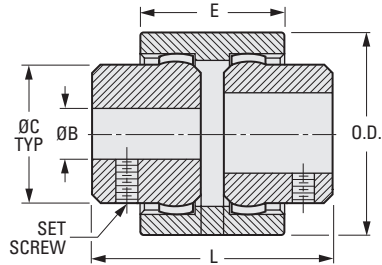


> BUILD YOUR OWN COUPLING:

For Different Bore Combinations: Select hubs and corresponding sleeve within the same series.

For Hubs with the Same Bore: Select the "Complete Coupling"

Other bores and bores with keyways are available on special order.



Coupling Series	Nominal Torque lbf in.	Maximum Torque lbf in.	Nominal hp @ 1750 rpm	Nominal hp @ 1140 rpm	Maximum rpm	Coupling Weight lb.
M14	86	173	2.5	1.5	14000	.4
M19	138	277	3.7	2.5	11800	.6
M24	173	347	4.5	3.2	10600	.8
M28	390	781	10.5	7.0	8500	1.8

INCH COMPONENT			O.D.	B Bore +.003 -.000	L Length	C Hub Dia.	E Sleeve Length	Set Screw
Catalog Number								
Complete Coupling	Hub Only	Sleeve Only						
S9932Y-M14250250	S2910Y-M14250	S5930Y-M14	1.57	.250	1.80	1.00	1.45	#10-24
S9932Y-M14375375	S2910Y-M14375			.375				
S9932Y-M14438438	S2910Y-M14438			.4375				
S9932Y-M14500500	S2910Y-M14500			.500				
S9932Y-M14625625	S2910Y-M14625			.625				
S9932Y-M19438438	S2910Y-M19438	S5930Y-M19	1.90	.4375	1.96	1.25	1.45	1/4-20
S9932Y-M19500500	S2910Y-M19500			.500				
S9932Y-M19625625	S2910Y-M19625			.625				
S9932Y-M19750750	S2910Y-M19750			.750				
S9932Y-M24500500	S2910Y-M24500	S5930Y-M24	2.05	.500	2.07	1.40	1.60	1/4-20
S9932Y-M28438438	S2910Y-M28438	S5930Y-M28	2.60	.4375	3.30	1.73	1.80	1/4-20
S9932Y-M28500500	S2910Y-M28500			.500				

6-57
D820

REV:
4/27/23

- I
- R
- T
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16