

THREE-PIECE FRICTION GRIP CONSTRUCTION
CONNECTS ROTATING COMPONENT TO SHAFT
TRANSMITS HIGH TORQUE WITHOUT KEYWAYS

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



> MATERIAL:
Carbon Steel

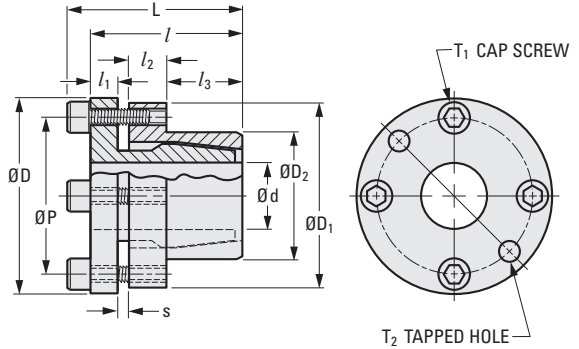
> FINISH:
Nickel Plated

> SPECIFICATIONS:

* Tolerance of mating shaft diameter (h8):
6 mm 0/-0.018
7 to 10 mm 0/-0.022
12 to 18 mm 0/-0.027
20 to 25 mm 0/-0.033

** Tolerance of mating bore of mounted component (H7):
12 to 18 mm +0.018/0
20 to 28 mm +0.021/0
32 to 34 mm +0.025/0

Configuration and number of cap screws and tapped holes varies depending on catalog number.



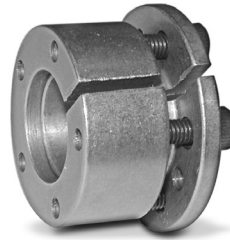
The projections shown are per ISO convention.

METRIC COMPONENT

Catalog Number	d* Bore Dia.	D Dia.	D ₁ Dia.	D ₂ ** Dia.	P Dia.	L	l	l ₁	l ₂	l ₃	s	T ₁ Cap Screw	T ₂ Tapped Hole	Max. Torque N • m	Allow. Axial Force N	Bolt Tight. Torque N • m
S21AMYM062524	6	25	23	12	17	24	20	3.5	5	10	1.5	2-M4x8	2-M4	6	1948	2
S21AMYM072524	7	25	23	12	17	24	20	3.5	5	10	1.5	2-M4x8	2-M4	7	1948	2
S21AMYM082828	8	28	26	15	20	28	24	5	5	12	2	3-M4x10	3-M4	23	5898	4
S21AMYM092828	9	28	26	15	20	28	24	5	5	12	2	3-M4x10	3-M4	26	5898	4
S21AMYM103128	10	31	29	18	23	28	24	5	5	12	2	3-M4x10	3-M4	29	5898	4
S21AMYM123328	12	33	31	20	25	28	24	5	5	12	2	4-M4x10	2-M4	47	7798	4
S21AMYM143528	14	35	33	22	27	28	24	5	5	12	2	4-M4x10	2-M4	55	7798	4
S21AMYM153934	15	39	36	23	29	34	29	6	7	14	2	4-M5x12	2-M5	95	12700	8
S21AMYM164034	16	40	37	24	30	34	29	6	7	14	2	4-M5x12	2-M5	100	12700	8
S21AMYM184234	18	42	39	26	32	34	29	6	7	14	2	4-M5x12	2-M5	110	12700	8
S21AMYM204434	20	44	41	28	34	34	29	6	7	14	2	4-M5x12	2-M5	130	12700	8
S21AMYM224838	22	48	45	32	38	38	33	6.5	8	16	2.5	6-M5x14	2-M5	210	18998	8
S21AMYM245038	24	50	47	34	40	38	33	6.5	8	16	2.5	6-M5x14	2-M5	230	18998	8
S21AMYM255038	25	50	47	34	40	38	33	6.5	8	16	2.5	6-M5x14	2-M5	240	18998	8

FITS COMPONENTS WITH LIMITED HUB O.D.
 ELIMINATES KEYS OR SPLINES
 IMPROVES FIT CONCENTRICITY
 DEFINED AXIAL HUB POSITION
 EASY AXIAL OR ANGULAR TIMING

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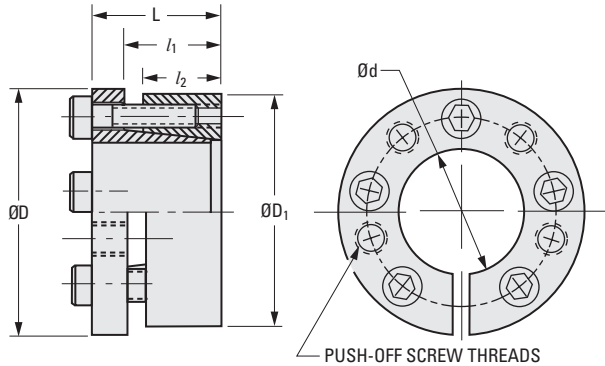


> MATERIAL:

- Inner Body** - Steel
- Outer Sleeve** - Steel
- Socket Head Screws** - Alloy Steel, Black Oxide Finish

> SPECIFICATION:

* Tolerance of shaft diameter and mating mounted component bore is ± 0.025 .



The projections shown are per ISO convention.

METRIC COMPONENT

Catalog Number	d* Bore	D Dia.	D ₁ Dia.	L	l ₁	l ₂	Locking Screw Size	Qty.	Screw Tightening Torque N • m	Max. Torque N • m
S21HSCM062024	6	23.8	20.6	16.5	13.1	10	M4	3	4.3	19
S21HSCM082225	8	25.4	22.2	16.5	13.1	10	M4	3	5	29
S21HSCM102427	10	27	23.8	16.5	13.1	10	M4	3	5	36
S21HSCM122730	12	30.2	27	16.5	13.1	10	M4	4	5	58
S21HSCM153033	15	33.3	30.2	20.5	15.1	12	M4	6	5	109
S21HSCM163033	16	33.3	30.2	20.5	15.1	12	M4	6	5	117
S21HSCM204045	20	44.5	39.7	25	19.2	15	M5	6	10	234
S21HSCM254348	25	47.6	42.9	25	19.2	15	M5	8	10	390

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