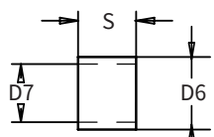
Rolled_SFT

Shaft Diameter Ø12~Ø25

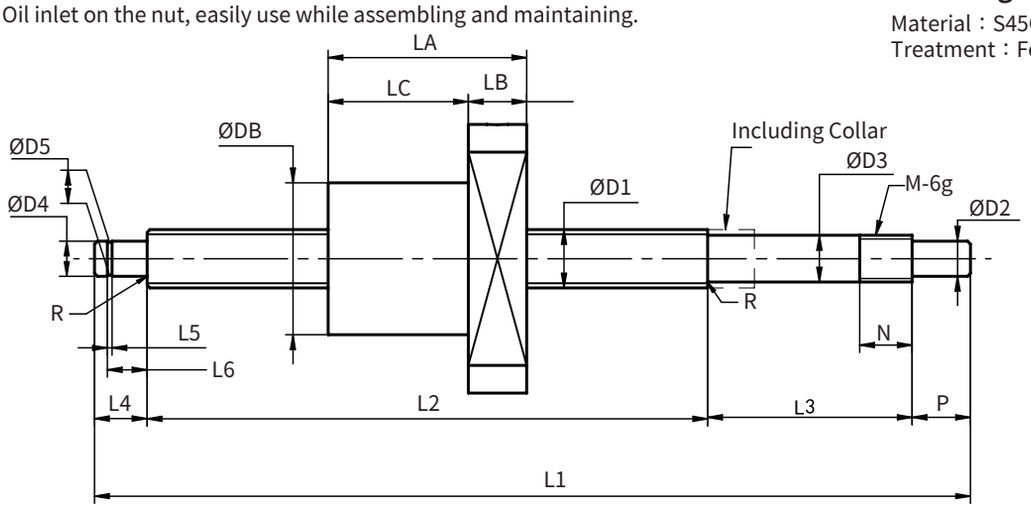
Features

1. The economical model can meet most of the feeding devices.
2. The micro-diameter type saves a lot of space in the organization.
3. Lower profile linear units can be designed by using in combination with Support Units Low Profile Type.
4. Conforms to JIS (ISO) accuracy standards.
5. Standards dimensions in stock.
6. Oil inlet on the nut, easily use while assembling and maintaining.



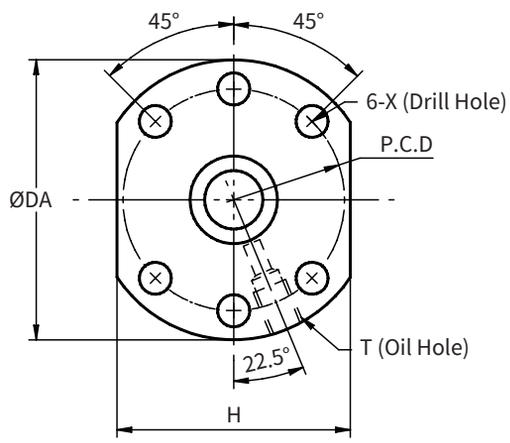
Including Collar

Material：S45C
Treatment：Fe3O4



Model	Outer diameter	Lead	Screw Specification																
			L1	L2	L3	L4	L5	L6	P	D1	D2	D3	D4	D5	D6	D7	S	N	M	R
SFT1205	12	5	150~800	L1-65	40	10	0.9	7.9	15	12	8	10	8	7.6	12	10	10	10	M10x1.0	Less than 0.3
SFT1210	12	10	150~800	L1-65	40	10	0.9	7.9	15	12	8	10	8	7.6	12	10	10	10	M10x1.0	Less than 0.3
SFT1505	15	5	150~1200	L1-67	40	12	1.15	9.15	15	15	10	12	10	9.6	15	12	10	10	M12x1.0	Less than 0.3
SFT1510	15	10	200~1200	L1-67	40	12	1.15	9.15	15	15	10	12	10	9.6	15	12	10	10	M12x1.0	Less than 0.3
SFT1520	15	20	200~1200	L1-67	40	12	1.15	9.15	15	15	10	12	10	9.6	15	12	10	10	M12x1.0	Less than 0.3
SFT2005	20	5	200~2000	L1-87	55	12	1.15	10.15	20	20	12	15	15	14.3	20	15	15	15	M15x1.0	Less than 0.3
SFT2010	20	10	250~2000	L1-87	55	12	1.15	10.15	20	20	12	15	15	14.3	20	15	15	15	M15x1.0	Less than 0.3
SFT2020	20	20	250~2000	L1-87	55	12	1.15	10.15	20	20	12	15	15	14.3	20	15	15	15	M15x1.0	Less than 0.3
SFT2505	25	5	200~2000	L1-118	73	18	1.35	15.35	27	25	15	20	20	19	25	20	20	16	M20x1.0	Less than 0.3
SFT2510	25	10	300~2000	L1-118	73	18	1.35	15.35	27	25	15	20	20	19	25	20	20	16	M20x1.0	Less than 0.3
SFT2525	25	25	300~2000	L1-118	73	18	1.35	15.35	27	25	15	20	20	19	25	20	20	16	M20x1.0	Less than 0.3

End Plug Miniature Type Nut



Ball Screw Specification	
Precision	C10
Circulation method	End plug type micro-diameter type
Axial backlash Preload level	P0:No preload, with backlash
Screw Material	S55C
Nut Material	SCM415H
Spiral Direction	Right Thread
Using Grease	Alvania S2

*Regular maintenance of the ball screw with lubrication oil can effectively extend the screws life by more than 10 times.

Nut Specification											Core diameter	BCD	Recurring decimal	Reted load(N)	
LA	LB	LC	DA	DB	H	PCD	X	Y	Z	T		Ball diameter		Dynamic load Ca	Static load Coa
31	10	21	40	24	30	32	4.5	-	-	-	9.8	12.3	2.8x1	1800	4100
												2.5			
48.5	10	38.5	40	24	30	32	4.5	-	-	-	9.8	12.3	2.8x1	2000	3500
												2.5			
38	10	28	48	28	40	38	5.5	-	-	M6x1.0	12.894	15.672	3.8x1	3600	7400
												2.778			
47	10	37	48	28	40	38	5.5	-	-	M6x1.0	12.894	15.672	3.8x1	3600	7400
												2.778			
57	10	47	48	28	40	38	5.5	-	-	M6x1.0	12.894	15.672	1.8x1	4100	9300
												2.778			
40	10	30	58	36	44	47	6.6	-	-	M6x1.0	17.905	21.08	3.8x1	4300	10300
												3.175			
60	10	50	58	36	44	47	6.6	-	-	M6x1.0	17.905	21.08	3.8x1	7400	15900
												3.175			
57	10	47	58	36	44	47	6.6	-	-	M6x1.0	17.575	20.75	1.8x1	4300	10300
												3.175			
40	10	30	62	40	48	51	6.6	-	-	M6x1.0	22.905	26.08	3.8x1	4600	13100
												3.175			
62	12	50	62	40	48	51	6.6	-	-	M6x1.0	22.905	26.08	3.8x1	16100	45400
												3.175			
70	12	58	62	40	48	51	6.6	-	-	M6x1.0	22.905	26.08	1.8x1	6500	45900
												3.175			