

Fig 2.1.1 Screw Shaft Nominal Diameter

Table 2.1.1 Ground Ball Screw Specifications Ø4~32

Unit : mm

Ød	Model No.		Accuracy Grade	Threading Direction	Number of Grooves	Standard Code of Shaft	Type of Nut
	I	Da		R : Right L : Left			
4	1	0.8	C7, C5, C3	R	1	SCR00401	K
6	1	0.8	C7, C5, C3	R	1	SCR00601	K
8	1	0.8	C7, C5, C3	R/L	1	SCR00801	K
	2	1.2	C7, C5, C3	R/L	1	SCR00802	K
	2.5	1.2	C7, C5, C3	R	1	SCR0082.5	K, BSH
10	2	1.2	C7, C5, C3	R/L	1	SCR01002	K, BSH
	4	2	C7, C5, C3	R	1	SCR01004	K, BSH
12	2	1.2	C7, C5, C3	R/L	1	SCR01202	K
	4	2.5	C7, C5, C3	R	1	SCR01204	U, BSH
	5	2.5	C7, C5, C3	R	1	SCR01205-A	V, U, BSH, S, H
	10	2.5	C7, C5, C3	R	2	SCR01210-B	V
14	2	1.2	C7, C5, C3	R/L	1	SCR01402	K
	4	2.5	C7, C5, C3	R	1	SCR01404	BSH
16	2	1.2	C7, C5, C3	R/L	1	SCR01602	K
	4	2.381	C7, C5, C3	R	1	SCR01604(N)	V, I, U, BSH
	5	3.175	C7, C5, C3	R/L	1	SCR01605	V, I, U, BSH
	10	3.175	C7, C5, C3	R/L	2	SCR01610	V, I, U, BSH
	16	2.778	C7, C5, C3	R	2	SCR01616	Y
	32	2.778	C7, C5, C3	R	2	SCR01632	Y
20	4	2.381	C7, C5, C3	R	1	SCR02004(N)	V, I, U
	5	3.175	C7, C5, C3	R/L	1	SCR02005	V, I, U, BSH, S, H
	10	3.969	C7, C5, C3	R	1	SCR02010	V, S, H
	20	3.175	C7, C5, C3	R	2	SCR02020	V, Y, S, H
	40	3.175	C7, C5, C3	R	2	SCR02040	Y
25	4	2.381	C7, C5, C3	R	1	SCR02504(N)	I, U
	5	3.175	C7, C5, C3	R/L	1	SCR02505	V, I, U, BSH, S, H
	6	3.969	C7, C5, C3	R	1	SCR02506	V, U
	8	4.762	C7, C5, C3	R	1	SCR02508	V, U
	10	4.762	C7, C5, C3	R	1	SCR02510-A	I, U, BSH
	10	6.35	C7, C5, C3	R	1	SCR02510-B	V
	25	3.969	C7, C5, C3	R	2	SCR02525	V, Y
	50	3.969	C7, C5, C3	R	2	SCR02550	Y
32	4	2.381	C7, C5, C3	R	1	SCR03204(N)	V, I, U
	5	3.175	C7, C5, C3	R/L	1	SCR03205	V, I, U, M, S, H
	6	3.969	C7, C5, C3	R	1	SCR03206	V, U
	8	4.762	C7, C5, C3	R	1	SCR03208	V, U
	10	6.35	C7, C5, C3	R/L	1	SCR03210	V, I, U
	20	6.35	C7, C5, C3	R	1	SCR03220	V
	32	4.762	C7, C5, C3	R	2	SCR03232	Y
	64	4.762	C7, C5, C3	R	2	SCR03264	Y



Table 2.1.2 Standard Specifications Ø4~80

Unit : mm

Model No.			Accuracy Grade	Threading Direction	Starts	Standard Code of Shaft	Type of Nut
Ød	l	Da		R/L			
40	5	3.175	C7, C5, C3	R/L	1	SCR04005	V, I, U, S, H
	6	3.969	C7, C5, C3	R	1	SCR04006	V, U
	8	4.762	C7, C5, C3	R	1	SCR04008	V, U
	10	6.35	C7, C5, C3	R/L	1	SCR04010	V, I, U
	20	6.35	C7, C5, C3	R	2	SCR04020	V
	40	6.35	C7, C5, C3	R	2	SCR04040	Y
	80	6.35	C7, C5, C3	R	2	SCR04080	Y
50	5	3.175	C7, C5, C3	R	1	SCR05005	V, S, H
	10	6.35	C7, C5, C3	R/L	1	SCR05010	V, I, U
	20	9.525	C7, C5, C3	R	1	SCR05020	V
	50	7.938	C7, C5, C3	R	2	SCR05050	Y
	100	7.938	C7, C5, C3	R	2	SCR050100	Y
63	10	6.35	C7, C5, C3	R	1	SCR06310	V, I, U
	20	9.525	C7, C5, C3	R	1	SCR06320	V, U
80	10	6.35	C7, C5, C3	R	1	SCR08010	V, I, U
	20	9.525	C7, C5, C3	R	1	SCR08020	V, U

Table 2.1.3 S-type Specifications Ø12~50

Unit : mm

Model No.			Accuracy Grade	Threading Direction	Starts	Type-S Code of Shaft	Type of Nut
Ød	l	Da		R/L			
12	10	2.5	C7, C5, C3	R	1	SSR01210	S
16	5	2.778	C7, C5, C3	R	1	SSR01605	S, H
	10	2.778	C7, C5, C3	R	1	SSR01610	S, H
	16	2.778	C7, C5, C3	R	1	SSR01616	S, H
	20	2.778	C7, C5, C3	R	1	SSR01620	S
20	10	3.175	C7, C5, C3	R	1	SSR02010	S, H
25	10	3.175	C7, C5, C3	R	1	SSR02510	S, H
	25	3.175	C7, C5, C3	R	1	SSR02525	S, H
32	10	3.969	C7, C5, C3	R	1	SSR03210	S, H
	20	3.969	C7, C5, C3	R	1	SSR03220	S, H
	32	3.969	C7, C5, C3	R	1	SSR03232	S
40	10	6.35	C7, C5, C3	R	1	SSR04010	S, H
	20	6.35	C7, C5, C3	R	1	SSR04020	S
	40	6.35	C7, C5, C3	R	1	SSR04040	S
50	10	6.35	C7, C5, C3	R	1	SSR05010	S, H
	20	6.35	C7, C5, C3	R	1	SSR05020	S
	50	6.35	C7, C5, C3	R	1	SSR05050	S

※The information is for standard production, if other needs please contact **TBIMOTION**.



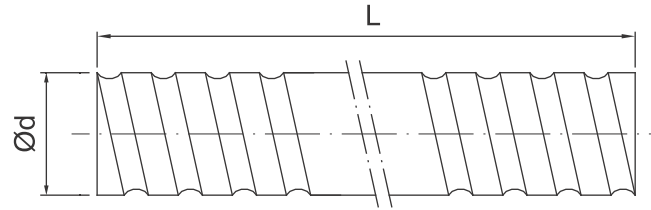


Fig 2.3.1 Screw Shaft Nominal Diameter

Table 2.3.1 Rolled Ball Screw Specifications Ø 6~32

Unit: mm

Model No.			Accuracy Grade	Threading Direction		Number of Grooves	Standard Code of Shaft	Type of Nut	Overall Length of Shaft
d	l	Da		R:Right	L:Left				
6	1	0.8	C10, C7	R		1	SCR00601	K	1000
8	1	0.8	C10, C7, C5	R		1	SCR00801	K	1000
	2	1.2	C10, C7, C5	R		1	SCR00802	K	
	2.5	1.2	C10, C7, C5	R		1	SCR00825	K, BSH	
10	2	1.2	C10, C7, C5	R		1	SCR01002	K, BSH	3000
	4	2	C10, C7, C5	R		1	SCR01004	K, BSH	
12	2	1.2	C10, C7, C5	R		1	SCR01202	K	3000
	4	2.5	C10, C7, C5	R		1	SCR01204	NU, BSH	
	5	2.5	C10, C7, C5	R		1	SCR01205-A	V, NU, BSH, H	
	5	2.5	C10, C7, C5	R		1	SCR01205-B	K	
	10	2.5	C10, C7, C5	R		2	SCR01210-B	V	
14	20	2.5	C10, C7	R		4	SCR01220	Y	1800
	2	1.2	C10, C7, C5	R		1	SCR01402	K	
16	4	2.5	C10, C7	R		1	SCR01404	BSH	3000
	4	2.381	C10, C7, C5	R		1	SCR01604(N)	V, NI, NU, BSH	3000
	5	3.175	C10, C7, C5	R/L		1	SCR01605	V, NI, NU, BSH	
	10	3.175	C10, C7, C5	R		2	SCR01610	V, NI, NU, BSH	
	16	2.778	C10, C7, C5	R		4	SCR01616	Y	
32	2.778	C10, C7	R		8	SCR01632	Y		
20	4	2.381	C10, C7, C5	R		1	SCR02004(N)	V, NI, NU	3000
	5	3.175	C10, C7, C5	R/L		1	SCR02005	V, NI, NU, BSH, H	
	20	3.175	C10, C7, C5	R		4	SCR02020	V, Y, H	
	40	3.175	C10, C7	R		8	SCR02040	Y	
25	4	2.381	C10, C7	R		1	SCR02504(N)	NI, NU	6000
	5	3.175	C10, C7, C5	R/L		1	SCR02505	V, NI, NU, BSH, H	
	10	4.762	C10, C7, C5	R		1	SCR02510-A	NI, NU, BSH	
	10	6.35	C10, C7, C5	R		1	SCR02510-B	V	
	25	3.969	C10, C7, C5	R		4	SCR02525	V, Y	
	50	3.969	C10, C7	R		8	SCR02550	Y	
32	4	2.381	C10, C7, C5	R		1	SCR03204(N)	V, NI, NU	6000
	5	3.175	C10, C7, C5	R/L		1	SCR03205	V, NI, NU, M, H	
	10	6.35	C10, C7, C5	R/L		1	SCR03210	V, NI, NU	
	32	4.762	C10, C7	R		4	SCR03232	Y	
	64	4.762	C10, C7	R		8	SCR03264	Y	



Table2.3.2 Standard Specifications Ø40~80

Unit: mm

Model No.			Accuracy Grade	Threading Direction	Number of Grooves	Standard Code of Shaft	Type of Nut	Overall Length of Shaft
d	l	Da		R : Right L : Left				
40	5	3.175	C10, C7, C5	R/L	1	SCR04005	V, NI, NU, H	6000
	10	6.35	C10, C7	R/L	1	SCR04010	V, NI, NU	
	20	6.35	C10, C7	R	2	SCR04020	V	
	40	6.35	C10, C7	R	4	SCR04040	Y	
	80	6.35	C10, C7	R	8	SCR04080	Y	
50	5	3.175	C10, C7, C5	R	1	SCR05005	V, H	6000
	10	6.35	C10, C7, C5	R/L	1	SCR05010	V, NI, NU	
	20	9.525	C10, C7	R	1	SCR05020	V	
	50	7.938	C10, C7	R	4	SCR05050	Y	
	100	7.938	C10, C7	R	8	SCR050100	Y	
63	10	6.35	C10, C7, C5	R	1	SCR06310	V, NI, NU	7000
	20	9.525	C10, C7	R	1	SCR06320	V, NU	
80	10	6.35	C10, C7, C5	R	1	SCR08010	V, NI, NU	7000
	20	9.525	C10, C7	R	1	SCR08020	V, NU	

Table2.3.2 H-Type Specifications Ø12~50

Unit: mm

Model No.			Accuracy Grade	Threading Direction	Number of Grooves	Type-H Code of Shaft	Type of Nut	Overall Length of Shaft
d	l	Da		R : Right L : Left				
16	5	2.778	C10, C7, C5	R	1	SSR01605	H	3000
	10	2.778	C10, C7, C5	R	2	SSR01610	H	
	16	2.778	C10, C7, C5	R	4	SSR01616	H	
20	10	3.175	C10, C7, C5	R	2	SSR02010	H	3000
25	10	3.175	C10, C7, C5	R	2	SSR02510	H	6000
	25	3.175	C10, C7	R	4	SSR02525	H	
32	10	3.969	C10, C7, C5	R	1	SSR03210	H	6000
	20	3.969	C10, C7	R	2	SSR03220	H	
40	10	6.35	C10, C7	R	1	SSR04010	H	6000
50	10	6.35	C10, C7	R	1	SSR05010	H	6000

※The information is for standard production, if required accuracy grade C5 or other needs, please contact **TBIMOTION**.

