

# Shaft Supports Flanged Mount - Standard

## Standard - Through/Tapped Mounting Holes / Long Sleeve / With Pilot / With Dowel Holes

■ **Features:** Tapped Mounting Hole Type is suitable when tapping is difficult due to insufficient mounting plate strength (aluminum) or thickness.

### Standard Through Mounting Holes, Tapped Mounting Holes



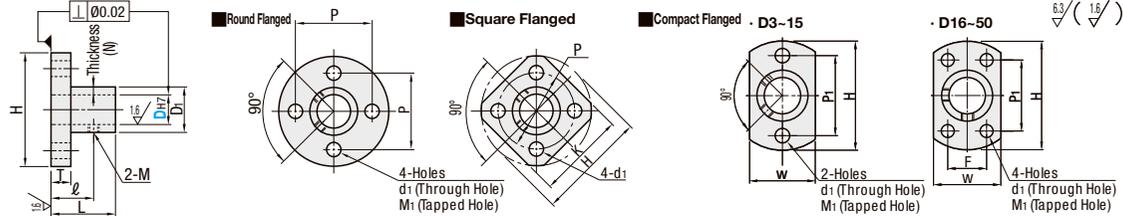
### Long Sleeve



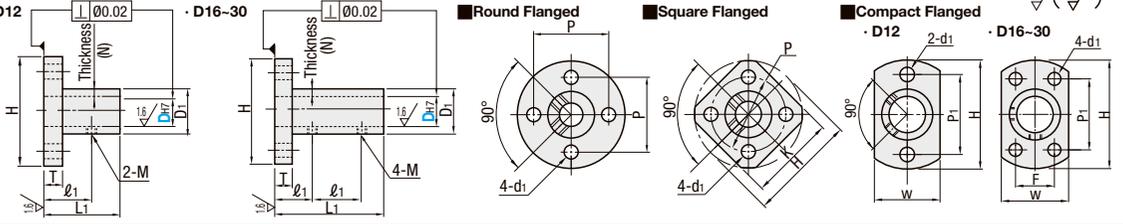
Type	Through Mounting Holes			Tapped Mounting Holes			Material	Surface Treatment
	Round Flanged	Square Flanged	Compact Flanged	Round Flanged	Square Flanged	Compact Flanged		
Standard	STHRB	STHSB	STHCB	STHRBT	STHCBT		General Structural Steel	Black Oxide
	STHR	STHS	STHC	STHRHT	STHCT		SUS304	Electroless Nickel Plating
	SSTHR	SSTHS	SSTHC	SSTHRHT	SSTHCT		SUS304	-
Long Sleeve	ATHR	ATHS	ATHC	-	-		Aluminum Alloy	Clear Anodize
	STHRBL	STHSBL	STHCL	-	-		General Structural Steel	Black Oxide
	STHRL	STHSL	STHCL	-	-		SUS304	Electroless Nickel Plating

⚠ See Alterations section for inclusion of a Hex Socket Set Screw.

### Standard Type with Through/Tapped Mounting Holes



### Long Sleeve



Part Number	Type	DH7	Sleeve Thickness (N)	L	L1	D1	H	T	ℓ	ℓ1	M (Coarse)	P	K	W	P1	F	d1	M1 (Coarse)	
																			Round Flanged
Standard - Through Mounting Holes																			
3		+0.010	2.5	10		8	22	3	7		M3	15	16	8	15		3.5		
4		+0.012		12		9	24	3	7		M3	17	19	9	17		3.5		
5				12		10	25	3.5	7		M3	18	20	10	18		3.5		
6				15		12	28	3.5	7		M3	20	22	12	20		3.5		
8				16		12	28		10		M4	20	22	16	20		4.5	M4	
8M <sup>2</sup>		+0.015	2	20		14	30		12		M3	22	23	18	22		3.5		
10				20		14	30		12		M4	22	23	18	22		3.5		
10M <sup>2</sup>				20		14	30		12		M4	22	23	18	22		4.5	M4	
Standard Type with Tapped Mounting Holes (Only for D dimension denoted with <sup>2</sup> mark)																			
12 <sup>2</sup>		+0.018	2.5	24	30	16	36		15	15	M4	26	28	20	26		4.5	M4	
13				30		18	38		18		M4	28	30	22	28		4.5	M4	
15 <sup>2</sup>				30		20	40		18		M4	30	32	24	30		4.5	M4	
16 <sup>2</sup>				3	32	48	22	42	19	16	M5	32	33	26	28	16	5.5	M5	
18				5	32		28	50	8	20	M5	39	39	32	31	22	5.5	M5	
20 <sup>2</sup>				3	32	48	28	50	8	20	M5	39	39	32	31	22	5.5	M5	
25 <sup>2</sup>		+0.021	4	38	57	33	55	8	23	19	M6	44	44	37	36	24	6.6	M6	
30 <sup>2</sup>				5		38	66	10	24	19	M6	52	52	42	41	27	6.6	M6	
35		+0.025	5	45	80	45	80	10			M6	65	65	55	56	33	9	M8	
40				10	50	60	90	10	30		M6	75	75	65	65	38	9	M8	
50				10	50	70	100	10	30		M6	85	90	75	74	43	9	M8	

⚠ Tapped Mounting Hole Type is available only for D dimension denoted with <sup>2</sup> mark. ⚠ Long Sleeve Type is available only for D dimension denoted with <sup>1</sup> mark. ⚠ Only SS400 Equivalent and SUS304 are applicable to D dimension 8M and 10M (A6061 is not applicable).

### Standard

D	Unit Price											
	Round Flanged			Square Flanged			Compact Flanged					
	STHRB	STHR	SSTHR	ATHR	STHSB	STHS	SSTHS	ATHS	STHCB	STHC	SSTHC	ATHC
3												
4												
5												
6												
8, 8M <sup>2</sup>												
10, 10M <sup>2</sup>												
12 <sup>2</sup>												
13												
15 <sup>2</sup>												
16 <sup>2</sup>												
18												
20 <sup>2</sup>												
25 <sup>2</sup>												
30 <sup>2</sup>												
35												
40												
50												

Ordering Example Part Number: **STHRL10**

### Long Sleeve

D	Unit Price											
	Round Flanged			Square Flanged			Compact Flanged					
	STHRBL	STHRL	SSTHRL	STHSBL	STHSL	SSTHSL	STHCL	STHCL	SSTHCL			
12												
13												
16												
20												
25												
30												

■ **Notes on Selecting Standard Type**  
 ⚠ Tapped Mounting Hole Type is available only for D dimension denoted with <sup>2</sup> mark.  
 ⚠ Aluminum is not available for products with D dimension 8M and 10M.

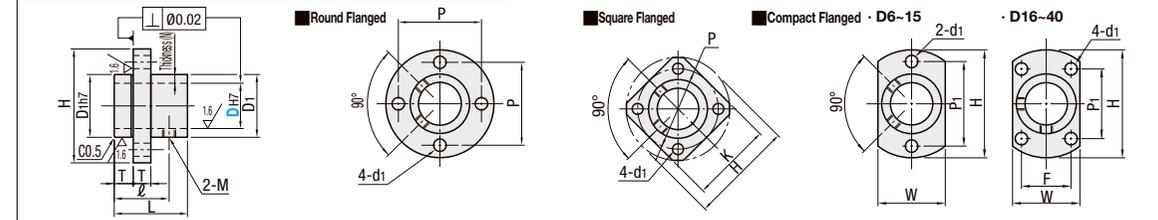
■ **Features:** Easy positioning during assembly.

### With Pilot



Round Flanged	Square Flanged	Compact Flanged	Material	Surface Treatment
STHRB	STHSB	STHCB	General Structural Steel	Black Oxide
STHR	STHS	STHC	Equivalent	Electroless Nickel Plating
SSTHR	SSTHS	SSTHC	SUS304	-

⚠ See Alterations section for inclusion of a Hex Socket Set Screw.



Part Number	Type	DH7	Sleeve Thickness (N)	L	D1	H	T	ℓ	M (Coarse)	P	K	W	P1	F	d1	Unit Price					
																Round Flanged	Square Flanged	Compact Flanged	Round Flanged	Square Flanged	Compact Flanged
6		+0.012	3	15	12	28	3.5	11	M3	20	22	12	20		3.5						
8				18	14	30		14	M4	22	23	18	22		4.5						
8M <sup>2</sup>		+0.015	2	20	14	30		15	M3	22	23	18	22		3.5						
10				20	14	30		15	M4	22	23	18	22		4.5						
10M <sup>2</sup>				20	14	30		15	M4	22	23	18	22		4.5						
12				24	16	36		18	M4	26	28	20	26		4.5						
15		+0.018	2.5	30	20	40		6	M4	30	32	24	30		4.5						
16				3	32	42		22	M5	32	33	26	28	16	5.5						
20				3	32	42		22	M5	32	33	26	28	16	5.5						
25		+0.021	4	38	38	66		10	M5	44	44	37	36	24	6.6						
30				38	38	66		10	M5	44	44	37	36	24	6.6						
40		+0.025	10	50	60	90		10	M6	52	52	42	41	27	6.6						

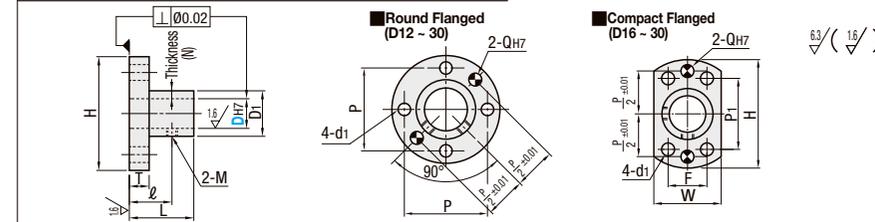
Ordering Example Part Number: **STHRB20**

### With Dowel Holes



Round Flanged	Compact Flanged	Material	Surface Treatment
STHRBK	STHCBK	S45C	Black Oxide
STHRK	STHCK	Equivalent	Electroless Nickel Plating
SSTHRK	SSTHCK	SUS304	-

⚠ See Alterations section for inclusion of a Hex Socket Set Screw.



Part Number	Type	DH7	Sleeve Thickness (N)	L	D1	H	T	ℓ	M (Coarse)	P	W	P1	F	d1	Q	Unit Price					
																Round Flanged	Square Flanged	Compact Flanged	Round Flanged	Square Flanged	Compact Flanged
12		+0.018	2.5	24	16	36	6	15	M4	26	20	28		4							
13				24	18	38	6	15	M4	28	22	28		4							
15				30	20	40	6	18	M4	30	24	30		4							
16				3	32	42	6	19	M5	32	26	28	16	5.5							
18				5	32	28	50	8	20	M5	39	32	31	22	5.5						
20				3	32	28	50	8	20	M5	39	32	31	22	5.5						
25		+0.021	4	38	33	55	8	23	M6	44	37	36	24	6.6							
30				38	38	66	10	24	M6	52	42	41	27	6.6							

⚠ Compact Flange Type is available only for D dimensions 16-30.

Ordering Example Part Number: **SSTHCK20**

Alterations Part Number: - (MB)  
 STHR10 - MB  
 STHR20 - MB

Code	Hex Socket Set Screw Included
MB	MB
Spec.	Hex socket set screws come with as a set. Screw head may protrude from outer cylinder (D1). ⚠ Included screws are SCM435 (Black Oxide) for Black Oxide and Black Anodized Products. ⚠ Products other than above are SUS products. ⚠ Long Sleeve Type comes with 4 set screws; others come with 2 set screws.
	D x Length
	3, 4, 5, 6, 8, 10 M3x3
	8M, 10M, 12, 13, 15, 16 M4x3
	18, 20, 25 M5x4
	30, 35, 40, 50 M6x5