Stand-Up Brackets
Economy / Standard

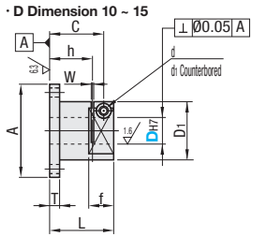
Features: Affordable Precision Casting Stand-Up Brackets

Economy Type

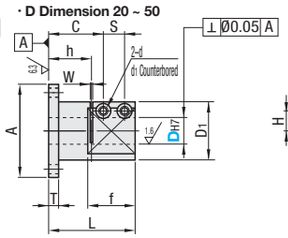
Type: Compact Flanged	Type: Square Flanged	M Material	S Surface Treatment	A Accessory
TLSB	KLSB	S45C	Black Oxide	Hex Socket Head Cap Screw
TLSM	KLSM		Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
TLSS	KLSS	SUS304	-	

*Hex socket head cap screws are included with D10-15 (1 pc.) and D20-50 (2 pcs.).

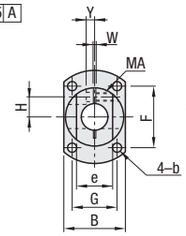
· D Dimension 10 ~ 15



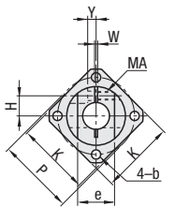
· D Dimension 20 ~ 50



Compact Flanged



Square Flanged



Part Number Type	DH7	A	B	L	T	D1	F	G	b	C	S	H	Y	d	d1	MA	h	f	e	W	K	P
(Compact Flanged) TLSB, TLSM, TLSS / (Square Flanged) KLSB, KLSM, KLSS	10 +0.015 0	45	28	35	10	26	30	18	4.5	29	-	9.5	3	4.5	8	M4	22	15	14	2	35	36
	12 +0.018 0	50	32			30	34	22			-	10.5	3.5						16		38	40
	15	58	38	39	12	35	38	26	5.5	32	-	12.5	4	5.5	9.5	M5	24	17	19		44	46
	20 +0.021 0	64	42	50	12	40	42	30	6.6	33.8	10.5	14	6.5	5.5	9.5	M5	27	25	24	2	50	52
	25	80	50	60		48	54	35	9	41.5	12	17	8	6.6	11	M6	34	28	29		62	64
	30	90	60	70	15	58	58	45		47	15	21	8	9	14	M8	38	34	34		68	74
	35 +0.025 0	100	66	80	15	64	66	48	11	55	16	23	11.5	9	14	M8	44	39	41	3	76	82
	40	106	72	90		70	70	54		64	17	26					53	40	46		80	88
	50	125	88	110	18	85	80	68	14	77.5	21.0	32	12	11	17.5	M10	65	48	58		94	105

For the available sizes, refer to the price list.
The tolerance and perpendicularity of DH7 are before slitting.
For mating, g6, f8 shaft tolerances are recommended. For Stand for Posts, see **P.2143** and **P.2144**. Tightening with a long wrench is recommended.

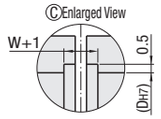
D	Unit Price: Compact Flanged TLSB	TLSM	TLSS	Square Flanged KLSB	KLSM	KLSS
10						-
12						
15				-	-	
20						
25						
30			-		-	
35			-	-	-	-
40			-	-		-
50			-		-	-

Ordering Example — Part Number: TLSB20

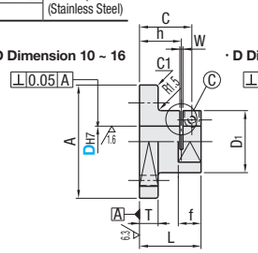
Standard Type

Type	M Material	S Surface Treatment	A Accessory
CLSB	SS400	Black Oxide	Hex Socket Head Cap Screw
CLSM		Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
CLSAM	A6061	Clear Anodize	
CLSS	SUS304	-	

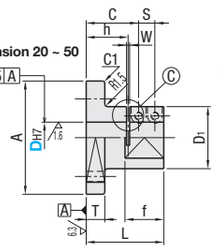
Ⓒsection has deburring groove.
ⒷSome sections may have slit grooves in.
* Hex socket head cap screws are included with D10-15 (1 pc.) and D20-50 (2 pcs.).

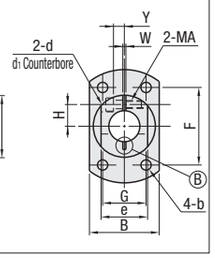


· D Dimension 10 ~ 16



· D Dimension 20 ~ 50





Part Number Type	DH7	A	B	L	T	D1	F	G	b	C	S	H	Y	d	d1	MA	h	f	e	W	Included Screw	Unit Price CLSB	CLSM	CLSAM	CLSS
CLSB, CLSM, CLSAM, CLSS (D10~30)	10 +0.015 0	50	33	35	10	30	35	18	4.5	29	-	10	5	4.5	8	M4	22	15	20	2	M4-15, 1 pc.				
	12 +0.018 0	52	35			32	37	20			-	11	6						22						
	15	58	40	39	12	35	40	24	5.5	32	-	12.5		5.5	10	M5	24	17	25		M5-20, 2 pcs.			-	-
	16										-														
	20 +0.021 0	73	45	50	12	40	50	28	6.6	33.8	10.5	14	7	5.5	9.5	M5	27	25	30	2	M5-20, 2 pcs.				
	25	93	55	60		50	62	36	9	41.5	12	18	10	6.6	11	M6	34	28	35		M6-25, 2 pcs.				
	30	103	65	70	15	60	72	42		47	15	21		9	14	M8	38	34	45		M8-25, 2 pcs.				
	35 +0.025 0	108	70	80	15	65	75	45	11	55	16	24	10	9	14	M8	44	39	50	3	M8-25, 2 pcs.				-
	40	118	75	90		70	78	55		64	17	26	13				53	40	60		M8-30, 2 pcs.			-	-
	50	138	90	110	18	85	95	60	14	77.5	21	32	16	11	17.5	M10	65	48	70		M10-35, 2 pcs.				-

The tolerance and perpendicularity of DH7 are before slitting. D=16 is for CLSB and CLSM only.
For mating, g6, f8 shaft tolerances are recommended. For Stand for Posts, see **P.2143** and **P.2144**. Tightening with a long wrench is recommended.

Ordering Example — Part Number: CLSB20

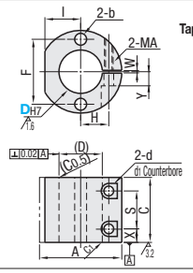
Stand-Up Brackets
Cylindrical / Reversed Fastening

Features: Non-flanged compact Stand-Up Bracket. Installation footprint reduced by 30 ~ 40% compared to Standard Type.

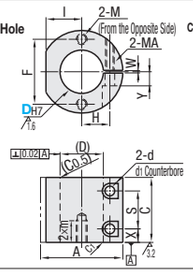
Cylindrical

Type: Through Holes	Tapped Hole	Counterbored Hole	M Material	S Surface Treatment	A Accessory
SAYB	SBYB	SCYB	SS400	Black Oxide	Hex Socket Head Cap Screw
SAYM	SBYM	SCYM		Electroless Nickel Plating	Hex Socket Head Cap Screw (Stainless Steel)
SAYA	SBYA	-	A5056	Black Anodize	Hex Socket Head Cap Screw
SAYS	-	-	SUS304	-	Hex Socket Head Cap Screw (Stainless Steel)

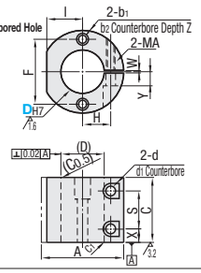
Through Holes



Tapped Hole



Counterbored Hole



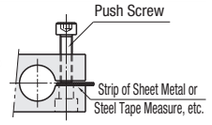
The C1-chamfered side of D is the datum surface A.

Part Number Type	DH7	A	C	F	I	H	Through Holes b	Tapped Hole m	Counterbored Hole b1	b2	Z	MA	X	S	d	d1	Y	W	Included Screw
Through Holes SAYB, SAYM, SAYA, SAYS / Tapped Hole SBYB, SBYM, SBYA / Counterbored Hole SCYB, SCYM	10 +0.015 0	32	19	20	12.5	10.5	5	M5	5	8	4.6	M4	5	9	5	8	5	2	M4-10, 2 pcs.
	12 +0.018 0			22.5															
	15	40	21	28	16	13	7	M6	6	9.5	5.5	M5	5.5	10	6	9.5	6		M5-15, 2 pcs.
	20 +0.021 0	45	29	34	18.5	14	7	M6	6	9.5	5.5	M5	7	15	6	9.5	7	2	M5-20, 2 pcs.
	25	55	34	40	24	18	9	M8	7	11	6.5	M6	7.5	20	7	11	10		M6-25, 2 pcs.
	30	60	44	45	27	21							9.5	25					
	35 +0.025 0	70	49	54	31	24	11	M10	9	14	9	M8	9.5	30	9	14	12	3	M8-30, 2 pcs.
	40	75	59	58	33	26							12	35			13		
	50	90	69	70	40	33	14	M12	11	17.5	11	M10	14.5	40	11	17.5	14		M10-35, 2 pcs.

The tolerance and perpendicularity of DH7 are before slitting.
For mating, g6, f8 shaft tolerances are recommended. For Stand for Posts, see **P.2143** and **P.2144**. Tightening with a long wrench is recommended.
For the available sizes, refer to the price list.

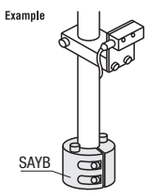
Ordering Example — Part Number: SAYB20

One Point
Shaft bore is machined before the slit is cut. This may cause a shaft bore to shrink. To expand the shaft bore, slightly screw a bolt into tapped clamped holes as shown on the figure.



D	Unit Price: Through Holes Black Oxide SAYB	Electroless Nickel Plating SAYM	Black Anodize SAYA	SUS304 SAYS	Tapped Hole Black Oxide SBYB	Electroless Nickel Plating SBYM	Black Anodize SBYA	Counterbored Hole Black Oxide SCYB	Electroless Nickel Plating SCYM
10							-		
12						-	-		
15									
20									
25									-
30									
35							-		
40			-				-		
50				-			-	-	

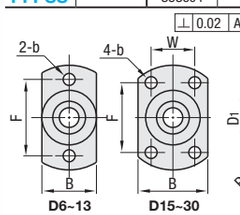
Example



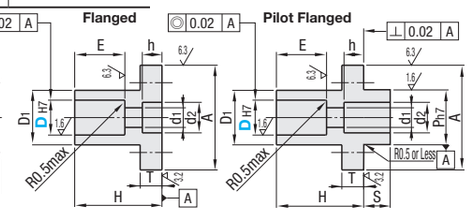
Reversed Fastening

Type: Flanged	Pilot Flanged	M Material	S Surface Treatment
PFPB	KFPB	S45C	Black Oxide
PFPM	KFPM		Electroless Nickel Plating
PFPSS	-	SUS304	-

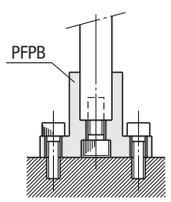
Flanged



Pilot Flanged



Example



Part Number Type	DH7	A	B	H	D1	T	E	d1	d2	h	F	W	b	Ph7	S	Post Mounting	Unit Price PFPB	PFPM	PFPSS	KFPB	KFPM
(Flanged) PFPB, PFPM, PFPSS / (Piloted Flanged) KFPB, KFPM	6	28	12	16	12	5	9	3.5	6.5	3.5	20	-	3.5	12	5	M3				-	-
	8	32	15	22	15		12	4.5	8	4.5	24	-	4.5	15		M4				-	
	10	38	18	26	18	8	15	5.5	9.5	5.5	30	-		18		M5				-	-
	12	42	20	32	20	8	18	6.6	11	6.5	32	-	5.5	20	5	M6					
	13																			-	-
	15	48	32	40	25	10	23	9	14	9	32	20	5.5	25	5	M8				-	
	16																				
	20	55	38	50	30	10	31	11	18	11	35	25	6.6	30	5	M10					
	25	75	50	62	38	15	38	14	20	14	45	35	9	38		M12					
	30	80	55	75	45		45	18	26	18	50	40		45		M16					

Ordering Example — Part Number: PFPB8