

Shaft Supports (Flanged Slit, Precision Cast)

Standard / Long Sleeve Type

Most economical and popular shaft support. Machined products are recommended for precision requiring applications.

Flanged Slit (Precision Cast) – Standard Type

RoHS 10

Type	Material	Surface Treatment	Accessories
SHFT	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1 pc.
SHFM	1045 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)
SHFSS	304 Stainless Steel or Equivalent	—	
SHF	Aluminum Casting Alloy 514.0	Clear Anodize	
SHFD	Aluminum Casting Alloy 514.0	Black Anodize	Hex Socket Head Cap Screw 1 pc.

① Depending on the type and size, 2 cutouts may be provided.
② Slit is machined after mounting hole D is bored to H₇ tolerance. Tolerance may become H₈ depending on the machining condition.

Part Number Type	D	L	T	t	H	A	L ₁	d	d ₁	D ₁	t ₁	B	C	h	Tightening Screw M	Mass g	Available Types				
																	SHFT	SHFM	SHFSS	SHF	SHFD
D8-16, 20-50 SHFT SHFM SHFSS	3	43	10	5	24	20	32	5.5	9	10	1.5	18	2	9.5	M4	32 (11)	•	•	•	•	•
	4	69 (24)	•	•	•	•	•														
	5	69 (24)	•	•	•	•	•														
	6	69 (24)	•	•	•	•	•														
	8	58 (20)	•	•	•	•	•														
	10	69 (24)	•	•	•	•	•														
	12	69 (24)	•	•	•	•	•														
	13	69 (24)	•	•	•	•	•														
	15	69 (24)	•	•	•	•	•														
	16	69 (24)	•	•	•	•	•														
D3-50 SHF	15	50	16	8	31	28	40	7	10	24	2	2.5	15	M5	110 (38)	•	•	•	•	•	
	18	110 (38)	•		•	•	•									•					
	20	110 (38)	•		•	•	•									•					
D8-16, 20-30 SHFD	25	70	25	10	42	40	56	9	12	35	3	22	17	M6	179 (62)	•	•	•	•	•	
	30	278 (96)	•	•	•	•	•														
	35	350 (121)	•	•	•	•	•														
	40	500 (173)	•	•	•	•	•														
	50	952 (329)	•	•	•	•	•														
	30	450 (156)	•	•	•	•	•														
	35	592 (205)	•	•	•	•	•														
	40	831 (288)	•	•	•	•	•														
50	1446 (410)	•	•	•	•	•															

① Values in () are the mass for aluminum products.

Feature: MISUMI's original. Longer sleeve than standard type enhances strength against falling.

Flanged Slit (Precision Cast) – Long Sleeve Type

RoHS 10

Type	Material	Surface Treatment	Accessories
SHFTL	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 2 pcs.
SHFML	1045 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 2 pcs. (Stainless Steel)
SHFSSL	304 Stainless Steel or Equivalent	—	
SHFL	Aluminum Casting Alloy 514.0	Clear Anodize	
SHFDL	Aluminum Casting Alloy 514.0	Black Anodize	Hex Socket Head Cap Screw 2 pcs.

① D dimensions 8, 10 come with 1 screw.
② Slit is machined after mounting hole D is bored to H₇ tolerance. Tolerance may become H₈ depending on the machining condition.

Part Number Type	D	L	T	t	H	A	L ₁	d	d ₁	D ₁	t ₁	B	C	h	G	F	Tightening Screw M	Mass g	Available Types					
																			SHFTL	SHFML	SHFSSL	SHFL	SHFDL	
D8-50 SHFTL SHFML SHFSSL SHFL	8	43	20	5	25.5	20	32	5.5	9	10	1.5	18	2	10.5	10	—	M5	51 (18)	•	•	•	•	•	
	10	47	28	7	28	25	36												47 (17)	•	•	•	•	•
	12	91 (32)	•	•	•	•	•																	
	13	87 (30)	•	•	•	•	•																	
	15	114 (41)	•	•	•	•	•																	
	16	112 (39)	•	•	•	•	•																	
D8-13, 16-30 SHFDL	20	60	40	8	37	34	48	9	12	35	3	22	15	10	20	M5	191 (66)	•	•	•	•	•		
	25	300 (104)	•		•	•	•											•						
	30	450 (156)	•		•	•	•											•						
	35	592 (205)	•		•	•	•											•						
	40	831 (288)	•		•	•	•											•						
	50	1446 (410)	•		•	•	•											•						
	30	450 (156)	•		•	•	•											•						
	35	592 (205)	•		•	•	•											•						
40	831 (288)	•	•	•	•	•																		
50	1446 (410)	•	•	•	•	•																		

① Values in () are the mass for aluminum products.

Part Number Example: SHFTL16

Shaft Supports (T-Shaped Slit, Precision Cast)

Standard / Wide Type

Most economical and popular. Wide Type has longer shaft holding section than standard type and has enhanced gripping power.

T-Shaped Slit (Precision Cast) – Standard Type

RoHS 10

Type	Material	Surface Treatment	Accessories
SHAT	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1 pc.
SHAM	1045 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)
SHASS	304 Stainless Steel or Equivalent	—	
SHA	Aluminum Casting Alloy 514.0	Clear Anodize	
SHAKD	Aluminum Casting Alloy 514.0	Black Anodize	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)

① Slit is machined after the mounting hole D is bored to H₇ tolerance. Tolerance may become H₈ depending on the machining condition.

Part Number Type	No.	D	H	L	H ₁	T	L ₁	d	L ₂	A	S	E	C	B ₁	B ₂	B ₃	Tightening Screw M	Mass g	Available Types				
																			SHAT	SHAM	SHASS	SHA	SHAD
SHAT SHAM SHASS SHA SHAKD	3	3	20	32.8	14	32	5.5	18	21	6	7.8	2	8	2	M4	69 (24)	•	•	•	•	•		
	4	69 (24)	•	•													•	•	•				
	5	69 (24)	•	•													•	•	•				
	6	69 (24)	•	•													•	•	•				
	*815	58 (20)	•	•													•	•	•				
	*8	69 (24)	•	•													•	•	•				
	*10	69 (24)	•	•													•	•	•				
	*1220	69 (24)	•	•													•	•	•				
	*12	87 (30)	•	•													•	•	•				
	*1320	69 (24)	•	•													•	•	•				
	*13	87 (30)	•	•													•	•	•				
	*15	116 (40)	•	•													•	•	•				
	*1625	116 (40)	•	•													•	•	•				
	*16	121 (42)	•	•													•	•	•				
	*18	116 (40)	•	•													•	•	•				
	SHAT, SHAM, SHASS is only applicable for sizes denoted with * mark.	*2025	202 (70)	•													•	•	•				
*2030		191 (66)	•	•	•	•																	
*20		214 (74)	•	•	•	•																	
*2530		202 (70)	•	•	•	•																	
*25		381 (132)	•	•	•	•																	
*3030		376 (130)	•	•	•	•																	
*30		474 (164)	•	•	•	•																	
35		520 (180)	•	•	•	•																	
40		780 (270)	•	•	•	•																	
50		1213 (420)	•	•	•	•																	
50		2167 (750)	•	•	•	•																	

① Values in () are the mass for aluminum products. ② SHAT, SHAM and SHASS are only available in sizes denoted with * mark.

T-Shaped Slit (Precision Cast) – Wide Type

RoHS 10

Type	Material	Surface Treatment	Accessories
SHATN	1045 Carbon Steel or Equivalent	Black Oxide	Hex Socket Head Cap Screw 1 pc.
SHAMN	1045 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 1 pc. (Stainless Steel)
SHASSN	304 Stainless Steel or Equivalent	—	
SHAN	Aluminum Casting Alloy 514.0	Clear Anodize	

① Slit is machined after the mounting hole D is bored to H₇ tolerance. Tolerance may become H₈ depending on the machining condition.

Part Number Type	D	H	L	H ₁	T	T ₁	L ₁	d	L ₂	S	E	C	Tightening Screw M	d ₁	d ₂	ℓ	Mass g
12	124 (43)																
16	244 (84)																
20	408 (140)																
25	526 (181)																
30	790 (272)																

① Values in () are the mass for aluminum products.

Part Number Example: SHASSN30, SHAT1220, SHATN20, SHASSN16