

SLIDE ADJUSTMENT PLATES

—STANDARD TYPE (NON-OIL GROOVE • OIL GROOVE • OIL-FREE COPPER ALLOY)—

SLIDE ADJUSTMENT PLATES

—FREE DESIGNATION TYPE (NON-OIL GROOVE • OIL GROOVE)—

☉ Non JIS material definition is listed on P.1351 - 1352

Part Number		M	Q
Non-oil groove	Oil groove		
SAS	SASM	SKS3	53~56HRC
SAP	SAMM	HPM2T equivalent	37~41HRC

RoHS

A=50 · 70

A=80 · 100 · 120

2-C ≤ 1 (circumference)

Details of Oil Groove (SASM · SAMM)

Calculation method for oil groove pitch
 $P = (Q - 6) \times 2$

Oil Groove Pitch

B	Q	P
30	9.5	7
40	14.5	17
50	19.5	27
60	24.5	37

Part Number	M
SAPZ	Grade-4 high strength brass (CAC304) (Old JIS : HBSc4) Special solid lubricant embedded

A=50 · 70

A=80 · 100 · 120

R1 (circumference) C ≤ 1 (circumference)

Details of Oil Groove (SAPSM □H · SAPMM □H)

Calculation method for oil groove pitch
 • 1H~3H
 Machining limit $Q \geq 9.5$
 Oil groove pitch (P)
 $P = (Q - 6) \times 2$

Bolt	Machining limit	Oil groove pitch (P)
M8-20 (Flat head bolt)	$S \geq 19$ & $\ell \geq 28$	$P = (S - d_1/2 - 6) \times 2$ & $P = (R - d_1 - 6) \times 2$
M6	$S \geq 15$ & $\ell \geq 21$	
M8	$S \geq 17$ & $\ell \geq 24$	

☉ Keep temperature under 80°C or lower.

Part Number Type	A	B	U/Price 1~9				
			Non-oil groove SAS	Oil groove SAPM	Oil-free SAMM	SAPZ	
Non-oil groove SAS (SKS3) SAP (HPM2T equivalent)	50	30					
		40					
		50※					
		30					
		40					
Oil groove SASM (SKS3) SAMM (HPM2T equivalent)	70	30					
		40					
		50					
		60※					
		30					
Oil-free SAPZ	80	30					
		40					
		50					
		60					
		70※					
	100	30					
		40					
		50					
		60					
		70※					
	120	30					
		40					
		50					
		60					
		70※					

(Sizes with ※ mark are applicable to SAP only.)

ex Example

(1) Bolt fixing

Slide Core

(2) Embedded

Slide Core

Order Part Number — B
SAP70 — 40

Days to Ship **Quotation**

Price **Quotation**

Part Number		M	Q
Non-oil groove	Oil groove		
SAPS □H	SAPSM □H	SKS3	53~56HRC
SAPM □H	SAPMM □H	HPM2T equivalent	37~41HRC

RoHS

1H

2H

3H

• T=5 2-C ≤ 1 (circumference) • T=10 · 13 2-C ≤ 1 (circumference)

4H

• T=5 2-C ≤ 1 (circumference) • T=10 · 13 2-C ≤ 1 (circumference)

Table for Bolt Hole Size

T	Bolt	d1	d2	t1
5	Countersunk bolt M8-20	—	—	—
10	M6	11	6.5	7
13	M8	14	9	9

☉ When using T=5 and a hexagonal socket head countersunk, take steps to prevent the bolt from coming loose.

Details of Oil Groove (SAPSM □H · SAPMM □H)

Calculation method for oil groove pitch
 • 4H
 Machining limit $Q \geq 9.5$
 Oil groove pitch (P)
 $P = (Q - 6) \times 2$

Bolt	Machining limit	Oil groove pitch (P)
M8-20 (Flat head bolt)	$S \geq 19$ & $\ell \geq 28$	$P = (S - d_1/2 - 6) \times 2$ & $P = (R - d_1 - 6) \times 2$
M6	$S \geq 15$ & $\ell \geq 21$	
M8	$S \geq 17$ & $\ell \geq 24$	

Part Number Type	No.	5mm increments B		T	E · S 1mm increments	ℓ	U/Price 1~9			
		Non-oil groove	Oil groove				Non-oil groove SAPS	Oil groove SAPM	SAPSM	SAPMM
Non-oil groove SAPS (SKS3) SAPM (HPM2T equivalent)	1H	30~40	30~40	40~50	5	Non-oil groove $\ell > d_1 + 2$				
	2H	50~70	30~50	35~50	10					
	3H	80~120	30~60	40~60	5					
Oil groove SAPSM (SKS3) SAPMM (HPM2T equivalent)	4H	130~150	50~80	35~60	10	Oil groove $\ell > d_1 + 10$				
				70~80	5					
				55~80	10					
				60~80	13					

Order Part Number — A — B — T — E — S
SAPM2H — A70 — B50 — T10 — E15

Days to Ship **Quotation**

Price **Quotation**

Alterations Part Number — A — B — T — E — S — (AC · TKC)
SAPM2H — A70 — B50 — T10 — E15 — AC15

Alteration	Code	Spec.	1Code	Alteration	Code	Spec.	1Code
	AC	Adds an inclined plane. AC=1° increments ☉ 0 < AC ≤ 35 AC30° → AC30	Quotation		TKC	Changes T dimension tolerance. $T_{+0.2} \leftrightarrow T_{+0.02}$	Quotation