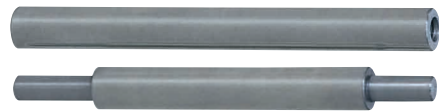


INCLINED PINS • DIRECT PUSH-UP PINS②

— BOTH ENDS TAPPED / BOTH ENDS STEPPED TYPE —

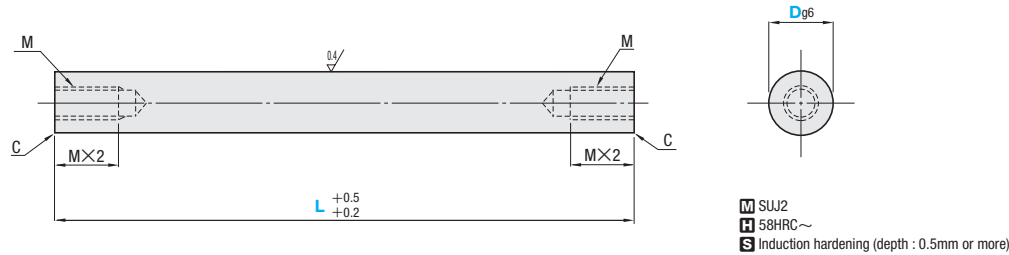
Ⓜ Non JIS material definition is listed on P.1351 - 1352

RoHS



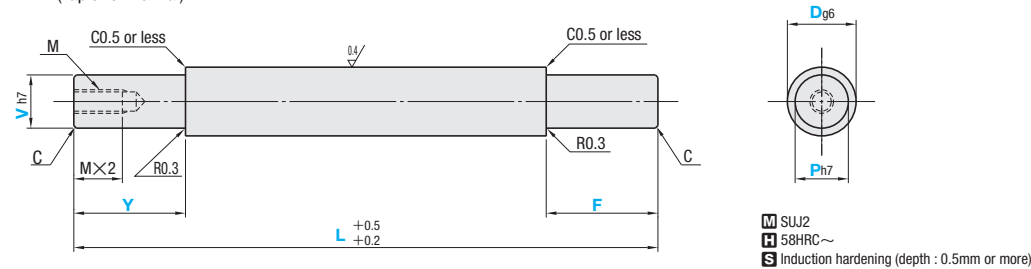
Both ends tapped type

K-KSPSC (Tap size : compact)
KSPSC (Tap size : normal)



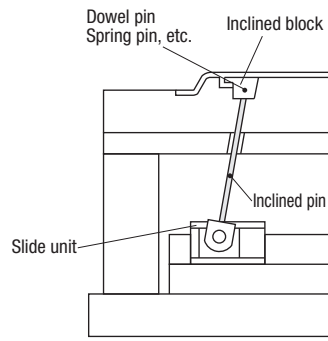
Both ends stepped type

K-KSPSD (Tap size : compact)
(Tap size : normal)



Example

- When connecting the inclined pin and inclined block, use a dowel pin, etc. to fix them after preparing a common hole.
- The inclined pin's full length (L) is set in the positive range of tolerance in order to accommodate for fine adjustment.



< About shaft end processing >

- Induction hardening is not applied since machining of shaft ends and key flats are performed after annealing.



* The area (D dimension wise) within 10mm or so from the machined section may have a lower hardness due to annealing.

- Overall induction hardening is applied to K-KSPSC and KSPSC (both ends tapped type).

Dimension contrast table

Corresponding oil-free slide units	Standard type (SCZN · SCZA)			SCY		
	K-KSPSA(P.669) K-KSPSB(P.669)	K-KSPSC K-KSPSD	K-KSPSE(P.673)	KSPSA(P.669) KSPSB(P.669)	KSPSC	KSPSE(P.673)
Part Number	M	B	M	M	B	M
D 8	—	—	—	M 4	10	M 4
10	—	—	—	M 5	10	M 5
12	M 5	13	M 5	M 5	13	M 6
16	M 8	14	M 6	M 8	14	M 8
20	—	16	M 8	—	16	M10
25	M10	18	M10	—	18	M12
30	—	20	M10	—	20	M12

• Note that inclined pins of D8 and D10 corresponding to the standard are not on sale.

K-KSPSC [Both ends tapped type] (Tap size : compact)

M	C	Dg6		Part Number		L 1mm increments	U/Price 1~9					
		Type	D	Type	D		L100~200	201~300	301~400	401~500	501~600	601~800
M5	0.5	12	-0.006	K-KSPSC	12	100~800	Quotation					
M6		16	-0.017		16							
M8	20	-0.007	20									
M10	1.0	25	-0.007	25								
		30	-0.020	30								

KSPSC [Both ends tapped type] (Tap size : normal)

M	C	Dg6		Part Number		L 1mm increments	U/Price 1~9					
		Type	D	Type	D		L100~200	201~300	301~400	401~500	501~600	601~800
M4	0.3	8	-0.005	KSPSC	8	100~800	Quotation					
M5		10	-0.014		10							
M6		12	-0.006		12							
M8	16	-0.017	16									
M10	20	-0.007	20									
M12	1.0	25	-0.007	25								
		30	-0.020	30								

K-KSPSD [Both ends stepped type] (Tap size : compact)

M	C	Dg6		Part Number		1mm increments					U/Price 1~9					
		Type	D	L	F	P	Y	V	L100~200	201~300	301~400	401~500	501~600	601~800		
M6	0.5	16	-0.006	K-KSPSD	16	100	F ≥ P	8~13	Y ≥ V	12~14	Quotation					
M8		20	-0.017		20	?	F ≤ P × 4	10~17		15~18						
M10	1.0	25	-0.007		25	800	(L-Y-F ≥ 10)	12~22		18~22						
		30	-0.020	30	—	15~27	20~27									



Order

Part Number	L	F	P	Y	V
K-KSPSC12	150				
KSPSC20	300				
K-KSPSD20	250	F12	P10	Y16	V16



Days to Ship

Quotation



Price

Quotation



Alterations

Part Number	L	F	P	Y	V	(SC · SCW)
KSPSC20	300					SC - B16 - H18

Alteration	Code	Spec.	1Code																
	SC	Flat edge chamfering (1 plane) Ⓜ Adds new chamfering applicable to K-KSPSC · KSPSC. B=1mm increments, H=1mm increments Ⓧ Not available for D8 · 10 Ⓨ 10 ≤ B ≤ 50 L-B-F ≥ 10 Designation method SC-B16-H17 <table border="1"> <thead> <tr> <th>D</th> <th>H</th> <th>D</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>10 ≤ H ≤ 11</td> <td>20</td> <td>17 ≤ H ≤ 19</td> </tr> <tr> <td>16</td> <td>13 ≤ H ≤ 15</td> <td>25</td> <td>22 ≤ H ≤ 24</td> </tr> <tr> <td></td> <td></td> <td>30</td> <td>25 ≤ H ≤ 29</td> </tr> </tbody> </table>	D	H	D	H	12	10 ≤ H ≤ 11	20	17 ≤ H ≤ 19	16	13 ≤ H ≤ 15	25	22 ≤ H ≤ 24			30	25 ≤ H ≤ 29	Quotation
		D	H	D	H														
12	10 ≤ H ≤ 11	20	17 ≤ H ≤ 19																
16	13 ≤ H ≤ 15	25	22 ≤ H ≤ 24																
		30	25 ≤ H ≤ 29																
	SCW	Flat edge chamfering (2 planes) Ⓜ Applicable to K-KSPSC · KSPSC B=1mm increments, K=1mm increments Ⓧ Not available for D8 · 10 Ⓨ 10 ≤ B ≤ 50 L-B-F ≥ 10 Designation method SCW-B16-K17 <table border="1"> <thead> <tr> <th>D</th> <th>K</th> <th>D</th> <th>K</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>8 ≤ K ≤ 10</td> <td>20</td> <td>14 ≤ K ≤ 18</td> </tr> <tr> <td>16</td> <td>10 ≤ K ≤ 14</td> <td>25</td> <td>19 ≤ K ≤ 24</td> </tr> <tr> <td></td> <td></td> <td>30</td> <td>20 ≤ K ≤ 29</td> </tr> </tbody> </table>	D	K	D	K	12	8 ≤ K ≤ 10	20	14 ≤ K ≤ 18	16	10 ≤ K ≤ 14	25	19 ≤ K ≤ 24			30	20 ≤ K ≤ 29	Quotation
		D	K	D	K														
12	8 ≤ K ≤ 10	20	14 ≤ K ≤ 18																
16	10 ≤ K ≤ 14	25	19 ≤ K ≤ 24																
		30	20 ≤ K ≤ 29																

Slide Cores
Loose Cores