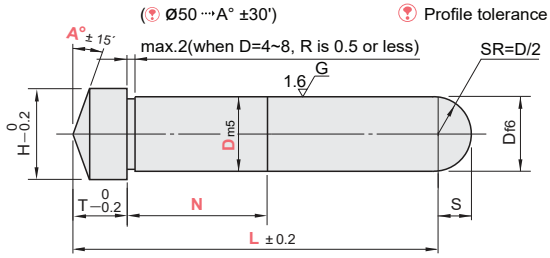
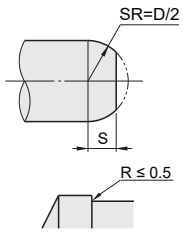
D	M	H
4 ~ 8	SKD11	60 ~ 63HRC
10 ~ 50	SUJ2	58HRC ~

AP

(Ø50 ···· A° ±30') Profile tolerance of SR 0.3





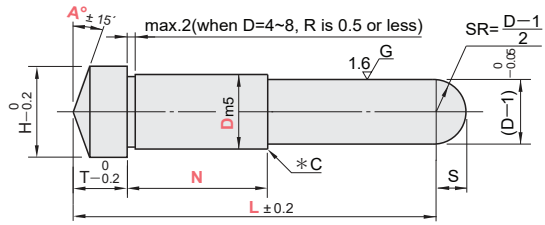
When D=25 or more, the pin tip becomes as shown in the drawing on the left.

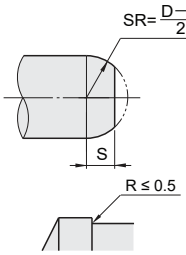
When D=4~8, R is 0.5 or less.

Machining may leave a check keyhole one one end of the pin in case of D=20 or 25. Dimensions of the pin with chuck keyholes are values prior to machining of the holes. In case of D=30 or more , the both ends may have chuck keyholes.

APS (Stepped type)

(Ø50 ···· A° ±30') Profile tolerance of SR 0.3





When D=25 or more, the pin tip becomes as shown in the drawing on the left.

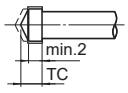
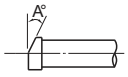
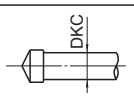
When D=4~8, R is 0.5 or less.

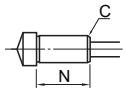
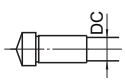
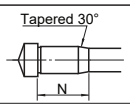
* For D4~25, C-chamfering is performed on the edges of the steps.(Recess of C-chamfering for assembling about C0.3)

Machining may leave a check keyhole one one end of the pin in case of D=20 or 25. Dimensions of the pin with chuck keyholes are values prior to machining of the holes. In case of D=30 or more , the both ends may have chuck keyholes.

Order Example

TYPE	D	L	N	A
AP	– D16	– L150	– N50	– A20

Alterations	Code	Spec.
	TC	TC = 0.1mm increment T TC ≥ H/2 tanA+2.0
	KAC	Single flat chamfering Changes the head shape from a cone to a singe flat cut Available when D ≤ 30
	DKC	Press-fit section tolerance alteration Changes Dm5 ···· D +0.005 0 Available when D ≤ 30 Available when N ≤ 200

Alterations	Code	Spec.
	CM	Performs C chamfering on the edge of the step. Recess of C-chamfering for assembling: about C0.3. Available for APS when D ≥ 30 Chamfering is performed as standard for D ≤ 25
	DC	Changes(D −1) step by designation. DC=0.1mm increment Tolerance of the step's external diameter: 0 −0.05 D −1 ≥ DC D −1 When DC is used SR=DC/2 Available for APS when D≤30
	TM	Adds a 30° taper on the edge of step. (Taper for installation) Available for APS Combination with CM • DC not available

D	m5	f6 (AP)	T	H	S		Part Number		0.1mm increment		A
					AP	APS	TYPE	D	L	N	1° increment
4	+0.009 +0.004	–0.010 –0.018	5	7	2	1.5	AP	4	15.0 ~ 70.0 70.1 ~ 90.0	2 ≤ N N ≤ L–T–1 or N = 0 (No press-fit section)	0 ~ 30
5				8	2.5	2		5	15.0 ~ 70.0 70.1 ~ 90.0 90.1 ~ 100.0		
6				9	3	2.5		6	15.0 ~ 70.0 70.1 ~ 90.0 90.1 ~ 110.0		
8	+0.012 +0.006	–0.013 –0.022		11	4	3.5		8	15.0 ~ 80.0 80.1 ~ 110.0 110.1 ~ 130.0		
10			10	13	5	4.5		10	20.0 ~ 110.0 110.1 ~ 160.0 160.1 ~ 200.0		
12	+0.015 +0.007	–0.016 –0.027		15	6	5.5		12	20.0 ~ 110.0 110.1 ~ 160.0 160.1 ~ 200.0 200.1 ~ 250.0		
13				16	6.5	6		13	20.0 ~ 110.0 110.1 ~ 160.0 160.1 ~ 200.0 200.1 ~ 250.0		
15			13	18	7.5	7		15	20 ~ 110.0 110.1 ~ 160.0 160.1 ~ 200.0 200.1 ~ 250.0		
16				19	8	7.5		16	20.0 ~ 110.0 110.1 ~ 160.0 160.1 ~ 200.0 200.1 ~ 250.0		
20	+0.017 +0.008	–0.020 –0.033		23	10	9.5		20	40.0 ~ 130.0 130.1 ~ 200.0 200.1 ~ 300.0 300.1 ~ 350.0		
25				28		10	APS (Stepped type)	25	40.0 ~ 130.0 130.1 ~ 200.0 200.1 ~ 300.0 300.1 ~ 350.0 350.1 ~ 400.0		
30			15	35				30	60.0 ~ 160.0 160.1 ~ 220.0 220.1 ~ 300.0 300.1 ~ 400.0 400.1 ~ 500.0		
32	+0.020 +0.009	–0.025 –0.041		37				32	70.0 ~ 160.0 160.1 ~ 220.0 220.1 ~ 300.0 300.1 ~ 400.0 400.1 ~ 500.0		
35				40				35	100.0 ~ 160.0 160.1 ~ 220.0 220.1 ~ 300.0 300.1 ~ 400.0 400.1 ~ 500.0		
40				45				40	100.0 ~ 160.0 160.1 ~ 220.0 220.1 ~ 300.0 300.1 ~ 400.0 400.1 ~ 500.0		
50			20	55				50	200.0 ~ 260.0 260.1 ~ 320.0 320.1 ~ 400.0 400.1 ~ 500.0		