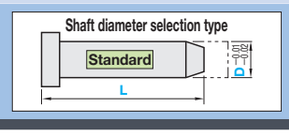
TIP PROCESSED STRAIGHT CENTER PINS WITH COOLING HOLE

—SHAFT DIAMETER (D) SELECTION TYPE—



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

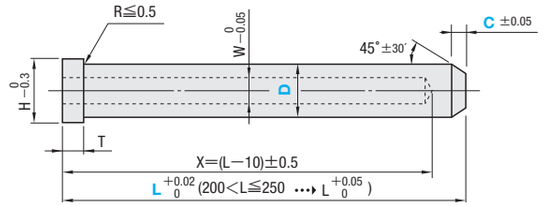
RoHS

M SKD61 equivalent+Nitrided — Range of guaranteed shaft diameter precision (Details P.1305)
H Surface 900HV～ — Range of guaranteed base material hardness (Details P.1307)
Base material 40±3HRC — Range of guaranteed shaft diameter precision (Details P.1308)
No nitriding on the tip.
No nitriding to the cooling hole.

Type	T D	Head thickness (T)	T Head Thickness (T)	Applicable ejector sleeve hole tolerance
RDCPN—5L	$^{-0.01}_{-0.02}$	4mm (T4)	$^{0}_{-0.02}$	$^{+0.01}_{0}$ or H7 Detail P.1309
RDCPJ—5L	D>12 $^{-0.01}_{-0.03}$	6・8mm (JIS)	$^{0}_{-0.05}$	

Shape (Tip shape)

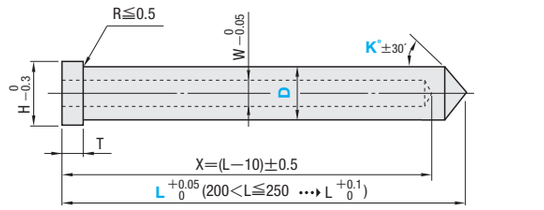
Shape C (C chamfered)



C⋯0.1mm increments

$0.1 \leqq C \leqq \frac{D-0.2}{2}$

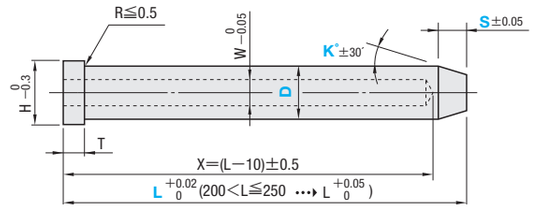
Shape G (Cone)



K⋯1° increments

45≦K<90

Shape T (Tapered)



S⋯0.1mm increments

(L−S)≧45

and

0.1≦S≦D×2

and

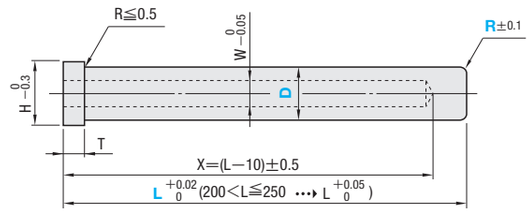
$\frac{D}{2}$−StanK≧0.1

K⋯1° increments

1≦K≦45

* When S≧10, X=L−S

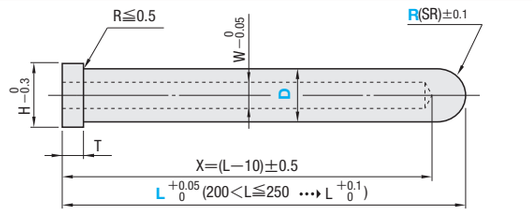
Shape R (R chamfered)



R⋯0.1mm increments

$0.2 \leqq R \leqq \frac{D-0.2}{2}$

Shape B (Spherical)



・Default R (SR)=$\frac{D}{2}$

* SR may be designated within $\frac{D}{2}$<R≦2×D
R⋯ 0.1mm increments possible

Order

Part Number	—	L	—	Tip size(C・S・K・R)
RDCPN—5LR8	—	240.00	—	R0.2
RDCPJ—5LT15	—	100.00	—	S5.0—K30

Days to Ship — Quotation

4mm head H	4mm head T	JIS head H	JIS head T	Part Number Type 4mm head	Part Number Type JIS head	Shape	D	L 0.01mm increments
9	4	10	6	RDCPN—5L	RDCPJ—5L	C G T R B	6	70.00～150.00
10		11					7	70.00～200.00
11		13	8				8	
15		15					10	
17		17					12	70.00～250.00
—	—	20		—			15	
		21					16	

Shape (Tip size)

Shape C — C⋯0.1mm increments
Shape G — K⋯1° increments
Shape T — S⋯0.1mm increments; K⋯1° increments; * When S≧10, X=L—S
Shape R — R⋯0.1mm increments
Shape B — Default R (SR)=$\frac{D}{2}$ (R⋯0.1mm increments possible)
Refer to the working limits shown in the drawing.

W	X
3	L—10
4	
5	
6	
8	
12	

Alterations

Part Number	L	Tip size(C・S・K・R)	(KC・WKC⋯etc.)
RDCPN—5LR8	240.00	R0.2	HC4.0
RDCPJ—5LT15	100.00	S5.0—K30	HC7.5

Alteration details P.338

Alterations	Code	Spec.	1Code
KC $^{0}_{-0.1}$	KC	Single flat cutting D/2≦KC<H/2	Quotation
WKC $^{0}_{-0.1}$	WKC	Two flats cutting D/2≦WKC<H/2	
KAC KBC $^{0}_{-0.1}$	KAC KBC	Varied width parallel flats cutting D/2≦KAC<H/2 KBC=0.1mm increments only KAC<KBC<H/2	
RKC $^{0}_{-0.1}$	RKC	Two flats (right angled) cutting D/2≦RKC<H/2	
DKC $^{0}_{-0.1}$	DKC	Three flats cutting D/2≦DKC<H/2	
AG° ±0.5, 0°, KGC $^{0}_{-0.1}$	KGC	Two flats (angled) cutting D/2≦KGC<H/2 AG=1° increments 0<AG<360	
120°, 120°, KTC $^{0}_{-0.1}$	KTC	Three flats cutting at 120° D/2≦KTC<H/2	

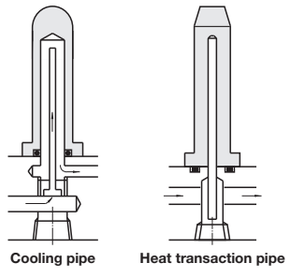
Flat cutting 0.1mm increments

Alterations	Code	Spec.	1Code
H, HC $^{0}_{-0.3}$	HC	HC=0.1mm increments D≦HC<H In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.	Quotation
H, HCC $^{0}_{-0.02}$	HCC	HCC=0.1mm increments D+1≦HCC<H−0.3	
H, h, W, t, T — ZPC	ZPC	O-ring groove machining (ORP refer to P.1137) Designation method: ZPC; Code: O-ring (ORP) 3; H−h≧2 T≧4 No.≧W; ⊗ Combination with others not available.	

No.	h	t
3	6	1.4
4	7	
5	8	
6	9	
7	10	
8	11	
9	12	
10	13	
11	15	1.8
12	16	
14	18	

Price — Quotation

Example



Please use cooling pipes or heat exchange pipes so as to increase cooling efficiency for the tip section of center pins.