

ROUND CORE PINS FOR BOSS

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

RoHS



Type		M	H	T		
Shaft diameter (D) selection type	Shaft diameter (P) designation type		HRC	DorP	A	B
BCDS-□□	BCDBS-□□	SKD61 equivalent	48~52	-0.01 -0.02 0 -0.005	0 -0.04 -0.02 0	±0.02
BCPS-□□	BCPBS-□□					
BCHS-□□	BCHBS-□□	SKH51 equivalent	58~60	0 -0.005	0 -0.02 0	±0.02
BCVS-□□	BCVBS-□□			-0.005	0 -0.01	

Shape
Select from the drawing below

Concave part is applied with electric discharge finishing. (○)

Shape	
SS	CS
SG	CG
SQ	CQ
RQ	

Unit of designation

T	Unit of designation
C±0.1	0.05mm increments
R±0.1	0.05mm increments
G±0.1	0.05mm increments
Q±0.1	0.01mm increments
SR±0.1	0.01mm increments
B±0.02	0.01mm increments

Order

Part Number	- L -	P	A	B	C · R · SR · G · Q
(Shaft diameter [D] selection type) BCDS-CG4	- 38.00 -	A2.50	B2.50	C0.5	G0.3
(Shaft diameter [P] designation type) BCHBS-BL3	- 50.00 -	P2.80	- B0.40 -	- SR2.00	

*No.2 ... Applicable to Shape BL only.

Price

Quotation

Part Number - L - P - A - B - Tip size (C · R · SR · G · Q) - (KC · WKC · etc.)
BCDS-CG4 - 38.00 - A3.00 - B2.50 - C0.3 - G0.3 - RKC3.0
BCHBS-BL3 - 50.00 - P5.70 - B0.40 - SR2.60 - TRN

Alteration details P.495

Alterations	Code	Spec.	1Code
	KC	Single flat cutting (DorP)/2≤KC<H/2	
	WKC	Two flats cutting (DorP)/2≤WKC<H/2	
	KAC	Varied width parallel flats cutting (DorP)/2≤KAC<H/2	
	KBC	Varied width parallel flats cutting (DorP)/2≤KBC<H/2	
	RKC	Two flats (right angled) cutting (DorP)/2≤RKC<H/2	
	DKC	Three flats cutting (DorP)/2≤DKC<H/2	
	SKC	Four flats cutting (DorP)/2≤SKC<H/2	
	KGC	Two flats (angled) cutting (DorP)/2≤KGC<H/2 AG=1° increments 0<AG<360	
	KTC	Three flats cutting at 120° (DorP)/2≤KTC<H/2	

Quotation

Head diameter change HC=0.1mm increments (DorP)≤HC<H
In relation to the diameter tolerance, alteration may create a straight piece with little diameter difference between the head and shaft.

Head diameter change (precision) HCC=0.1mm increments (DorP)+0.5≤HCC<H-0.3

Head thickness change TC=0.1mm increments 1.5≤TC<4 (Dimension L remains unchanged.) 4-TC≤Lmax.-L

Relief under the head (Makes plate chamfering unnecessary)

Numbering on the head How to order P.496
Combination with SKC not available. Available when H≥2.

Note that finished products may not release if the core pin's A/B ratio, material, molding conditions, etc. are inappropriate.

Shaped Inlay
Core Pins
for Boss