
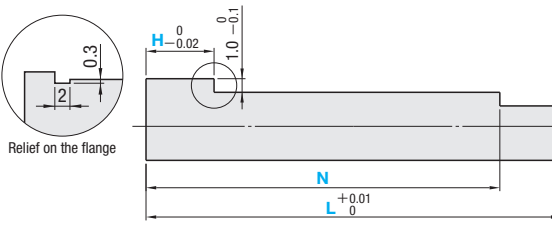


BLOCK CORE PINS WITH TIP PROCESS

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



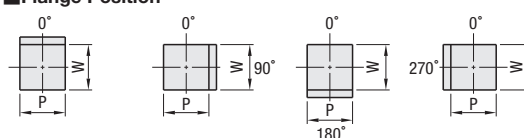
RoHS



Relief on the flange

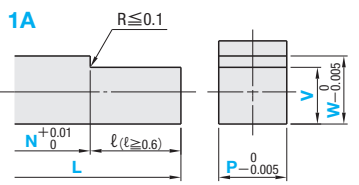
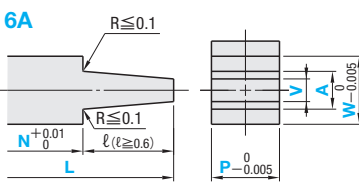
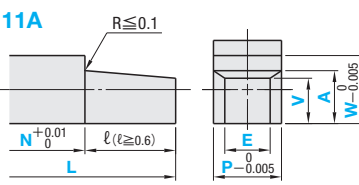
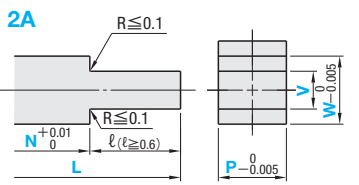
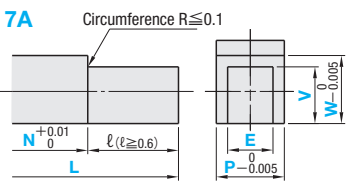
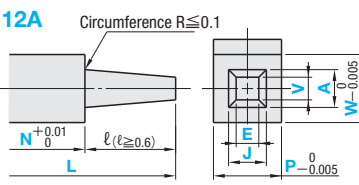
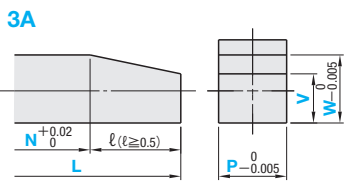
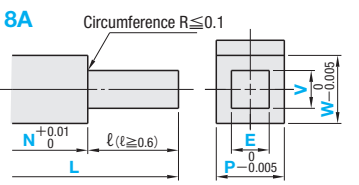
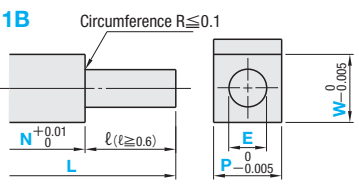
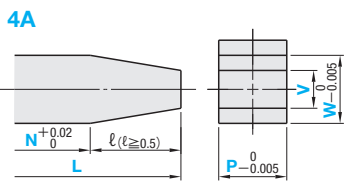
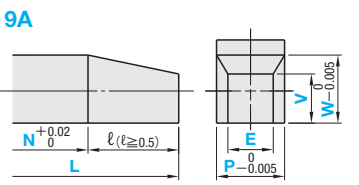
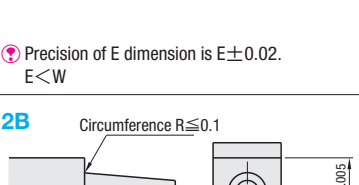
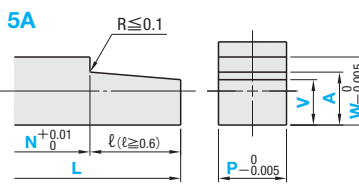
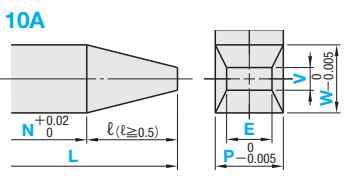
Precision Standard for Block Core Pins P.597

Flange Position



Type	M	H	J · E · A · V
BCSH	SKH51	61~64HRC	±0.005
BCSR	RIGOR®	53~55HRC	
BCSV	ORVAR® SUPREME	47~49HRC	
BCSA		51~53HRC	
BCSN	NAK80	37~43HRC	

ORVAR® SUPREME and RIGOR® are registered trademarks of UDDEHOLM TOOL CO.

<p>1A</p> 	<p>6A</p> 	<p>11A</p> 
<p>2A</p> 	<p>7A</p> 	<p>12A</p> 
<p>3A</p> 	<p>8A</p> 	<p>1B</p> 
<p>4A</p> 	<p>9A</p> 	<p>2B</p> 
<p>5A</p> 	<p>10A</p> 	<p>Precision of E dimension is $E \pm 0.02$. $E < W$</p> <p>Precision of E and J dimensions is $E \pm 0.02$. $J \pm 0.02$. $E \leq J < W$</p>

Part Number	Type	Shape	0.01mm increments					Emin.	Vmin.	H	F	l max.
			L	P	W	N	J · E · A · V					
BCSH (SKH51)		1A 7A	20.00	1.00~1.99	1.00~10.00	$N > \frac{L}{2}$	$P > E$ $P > J \geq E$ $W > V$ $W > A \geq V$	0.5	0.5	4	0	$l \leq EX$
		2A 8A		2.00~3.00	1.00~15.00			1.00	5 and			
BCSR (RIGOR®)	3A 9A	3.01~5.00		1.00~20.00	1.50			$l \leq VX$				
BCSV	4A 10A	*70.00		5.01~10.00	1.00~20.00			2.50	5 and			
BCSA (ORVAR® SUPREME)	5A 11A			10.01~15.00	2.00~20.00			5.00	$l \leq 5$			
BCSN (NAK80)	6A 12A	15.01~20.00	3.01~20.00	7.50	270	$\left(\begin{matrix} P < 2 \\ \text{or} \\ W < 2 \end{matrix} \right)$						

ORVAR® SUPREME and RIGOR® are registered trademarks of UDDEHOLM TOOL CO.

* $P < 2.00 \dots L \leq 50.00$ $W < 2.00 \dots L \leq 50.00$ BCSR: $W \leq 3.49 \dots L \leq 50.00$

Order **Part Number** [L] [P] [W] [N] [J] [E] [A] [V] [H] [F]

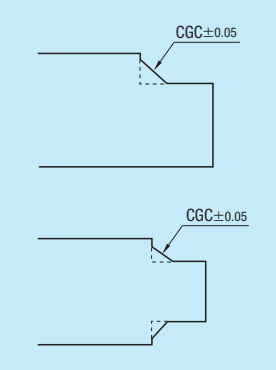
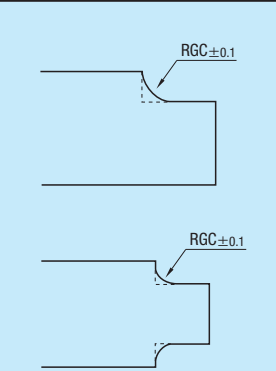
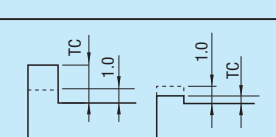
BCSR12A - 36.50 - P4.39 - W5.61 - N31.5 - J3.80 - E2.80 - A4.50 - V4.20 - H6 - F0

BCSH5A - 50.00 - P5.05 - W6.00 - N30.0 - A5.25 - V5.25 - H6 - F90

Days to Ship **Quotation** Price **Quotation**

Alterations **Part Number** [L] [P] [W] [N] [J] [E] [A] [V] [H] [F] (CGC · RGC · TC)

BCSR12A - 36.50 - P4.39 - W5.61 - N31.5 - J3.80 - E2.80 - A4.50 - V4.20 - H6 - F0 - TC0.5

Alterations	Code	Spec.	1Code																						
	CGC	Changes the round corner (normally $R \leq 0.1$) to a designated flat C plane(45°) $CGC = 0.1$ mm increments $0.1 \leq CGC \leq 5.0$ and $CGC < l$ Working limits for each tip shape <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Part Number</th> <th>Working limits</th> </tr> </thead> <tbody> <tr><td>BCS□ 1A</td><td>$CGC < (W - V)$</td></tr> <tr><td>BCS□ 2A</td><td>$CGC < ((W - V)/2)$</td></tr> <tr><td>BCS□ 5A</td><td>$CGC < (W - A)$</td></tr> <tr><td>BCS□ 6A</td><td>$CGC < ((W - A)/2)$</td></tr> <tr><td>BCS□ 7A</td><td>$CGC < (W - V)$ and $CGC < ((P - E)/2)$</td></tr> <tr><td>BCS□ 8A</td><td>$CGC < ((W - V)/2)$ and $CGC < ((P - E)/2)$</td></tr> <tr><td>BCS□ 11A</td><td>$CGC < (W - A)$</td></tr> <tr><td>BCS□ 12A</td><td>$CGC < ((W - A)/2)$ and $CGC < ((P - J)/2)$</td></tr> <tr><td>BCS□ 1B</td><td>$CGC < ((P - E)/2)$</td></tr> <tr><td>BCS□ 2B</td><td>$CGC < ((P - J)/2)$</td></tr> </tbody> </table>	Part Number	Working limits	BCS□ 1A	$CGC < (W - V)$	BCS□ 2A	$CGC < ((W - V)/2)$	BCS□ 5A	$CGC < (W - A)$	BCS□ 6A	$CGC < ((W - A)/2)$	BCS□ 7A	$CGC < (W - V)$ and $CGC < ((P - E)/2)$	BCS□ 8A	$CGC < ((W - V)/2)$ and $CGC < ((P - E)/2)$	BCS□ 11A	$CGC < (W - A)$	BCS□ 12A	$CGC < ((W - A)/2)$ and $CGC < ((P - J)/2)$	BCS□ 1B	$CGC < ((P - E)/2)$	BCS□ 2B	$CGC < ((P - J)/2)$	Quotation
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	RGC	Changes the round corner R (normally $R \leq 0.1$) $RGC = 0.1$ mm increments $0.1 \leq RGC \leq 5.0$ and $RGC < l$ Working limits for each tip shape <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Part Number</th> <th>Working limits</th> </tr> </thead> <tbody> <tr><td>BCS□ 1A</td><td>$RGC < (W - V)$</td></tr> <tr><td>BCS□ 2A</td><td>$RGC < ((W - V)/2)$</td></tr> <tr><td>BCS□ 5A</td><td>$RGC < (W - A)$</td></tr> <tr><td>BCS□ 6A</td><td>$RGC < ((W - A)/2)$</td></tr> <tr><td>BCS□ 7A</td><td>$RGC < (W - V)$ and $RGC < ((P - E)/2)$</td></tr> <tr><td>BCS□ 8A</td><td>$RGC < ((W - V)/2)$ and $RGC < ((P - E)/2)$</td></tr> <tr><td>BCS□ 11A</td><td>$RGC < (W - A)$</td></tr> <tr><td>BCS□ 12A</td><td>$RGC < ((W - A)/2)$ and $RGC < ((P - J)/2)$</td></tr> <tr><td>BCS□ 1B</td><td>$RGC < ((P - E)/2)$</td></tr> <tr><td>BCS□ 2B</td><td>$RGC < ((P - J)/2)$</td></tr> </tbody> </table>	Part Number	Working limits	BCS□ 1A	$RGC < (W - V)$	BCS□ 2A	$RGC < ((W - V)/2)$	BCS□ 5A	$RGC < (W - A)$	BCS□ 6A	$RGC < ((W - A)/2)$	BCS□ 7A	$RGC < (W - V)$ and $RGC < ((P - E)/2)$	BCS□ 8A	$RGC < ((W - V)/2)$ and $RGC < ((P - E)/2)$	BCS□ 11A	$RGC < (W - A)$	BCS□ 12A	$RGC < ((W - A)/2)$ and $RGC < ((P - J)/2)$	BCS□ 1B	$RGC < ((P - E)/2)$	BCS□ 2B	$RGC < ((P - J)/2)$	Quotation
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	TC	Changes the flange width (within the range of 0.3~3.0) $TC = 0.1$ mm increments $L20.00 \ 30.00 \dots 0.3 \leq TC \leq 1.5$ $L30.01 \sim 50.00 \dots 0.3 \leq TC \leq 2.5$ $L50.01 \sim 70.00 \dots 0.3 \leq TC \leq 3.0$	Quotation																						