

Hex Rods

Material: S45C, SUS303 / 304, C3604, A2011

Type	Material
RDRC	S45C Equivalent
RDRF	SUS303
RDRS	SUS304
RDRG	C3604 Brass (Brass)
RDRA	A2011

RoHS

Part Numbers in are not RoHS compliant.

L Dimension Tolerance or More or Less Tolerance		
15	30	±0.2
31	120	±0.3
121	400	±0.5
401	1000	±0.8

Part Number Type	B	L 1mm Increment	(C)
RDRC (S45C)	6	15~400	6.9
	7		8.1
	8		9.2
	10		11.5
RDRF (SUS303)	12	25~600	13.9
	13		15.0
	14		16.2
	17		19.6
RDRS (SUS304)	19	35~800	21.9
	24		27.7
	27		31.2
	30		34.6
RDRG (C3604)	32	65~1000	36.9
	32		

Ordering Example: Part Number - L
RDRC10 - 300

Alterations: Part Number - L - (MC, WMC)
RDRC19 - 535 - MC8

Alterations	One End Tapped	Both Ends Tapped																															
	<p>Code: MC</p> <p>Spec. Adds a tap on one end. Ordering Code: MC8 6≤B≤32 When L≤Mx2, the tap goes through.</p> <table border="1"> <thead> <tr> <th>B</th> <th>MC (Selection Range)</th> </tr> </thead> <tbody> <tr><td>6, 7</td><td>3</td></tr> <tr><td>8</td><td>3, 4</td></tr> <tr><td>10</td><td>3, 4, 5</td></tr> <tr><td>12-14</td><td>3, 4, 5, 6</td></tr> <tr><td>17, 19</td><td>3, 4, 5, 6, 8</td></tr> <tr><td>24</td><td>3, 4, 5, 6, 8, 10, 12</td></tr> <tr><td>27-32</td><td>3, 4, 5, 6, 8, 10, 12, 16</td></tr> </tbody> </table> <p>When L≤Mx4, the pilot hole for tapping may go through.</p>	B	MC (Selection Range)	6, 7	3	8	3, 4	10	3, 4, 5	12-14	3, 4, 5, 6	17, 19	3, 4, 5, 6, 8	24	3, 4, 5, 6, 8, 10, 12	27-32	3, 4, 5, 6, 8, 10, 12, 16	<p>Code: WMC</p> <p>Spec. Adds taps on both ends. Ordering Code: WMC12 6≤B≤32 When L≤Mx4, the tap goes through.</p> <table border="1"> <thead> <tr> <th>B</th> <th>WMC (Selection Range)</th> </tr> </thead> <tbody> <tr><td>6, 7</td><td>3</td></tr> <tr><td>8</td><td>3, 4</td></tr> <tr><td>10</td><td>3, 4, 5</td></tr> <tr><td>12-14</td><td>3, 4, 5, 6</td></tr> <tr><td>17, 19</td><td>3, 4, 5, 6, 8</td></tr> <tr><td>24</td><td>3, 4, 5, 6, 8, 10, 12</td></tr> <tr><td>27-32</td><td>3, 4, 5, 6, 8, 10, 12, 16</td></tr> </tbody> </table>	B	WMC (Selection Range)	6, 7	3	8	3, 4	10	3, 4, 5	12-14	3, 4, 5, 6	17, 19	3, 4, 5, 6, 8	24	3, 4, 5, 6, 8, 10, 12	27-32
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27-32	3, 4, 5, 6, 8, 10, 12, 16																																

Part Number Type	B	Unit Price					
		Min. L - 100	101~200	201~400	401~600	601~800	801~1000
RDRC	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						
32							
RDRF	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						
32							
RDRS	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						
32							

Part Number Type	B	Unit Price					
		Min. L - 100	101~200	201~400	401~600	601~800	801~1000
RDRG	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						
32							
RDRA	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						
32							

Steel Hollow Tubes - I.D. Selectable / Stainless Steel Hollow Tubes - Wall Thickness Selectable

Steel Hollow Tubes - I.D. Selectable

Type	Material	Surface Treatment
PISS	STKM17C	Black Oxide
PISK		Electroless Nickel Plating
PISN		

RoHS

Dimension Tolerance or More or Less Tolerance

L	99	±0.1
100	120	±0.3
121	400	±0.5
401	1000	±0.8

There may be rust on the inner surface.
End faces are not surface-treated. (Common to PISK and PISN).

Part Number Type	D	V	L 1mm increment	Unit Price						
				L10-200	L201-400	L401-600	L601-800	L801-1000		
PISS (No Treatment)	6	3 4	10-1000							
	8	3 4 5 6								
	10	3 4 5 6 8								
	12	3 4 5 6 8 10								
	13	5 6 8 10								
	14	4 5 6 8 10								
	15	4 5 6 8 10 12								
	16	4 5 6 8 10 12								
	20	5 6 8 10 12 15 16								
	25	6 8 10 12 15 16 20								
	30	10								
	20 25									
PISK (Black Oxide)	6	3 4	10-1000							
	8	3 4 5 6								
	10	3 4 5 6 8								
	12	3 4 5 6 8 10								
	13	5 6 8 10								
	14	4 5 6 8 10								
	15	4 5 6 8 10 12								
	16	4 5 6 8 10 12								
	20	5 6 8 10 12 15 16								
	25	6 8 10 12 15 16 20								
	30	10								
	20 25									
PISN (Electroless Nickel Plating)	6	3 4	10-1000							
	8	3 4 5 6								
	10	3 4 5 6 8								
	12	3 4 5 6 8 10								
	13	5 6 8 10								
	14	4 5 6 8 10								
	15	4 5 6 8 10 12								
	16	4 5 6 8 10 12								
	20	5 6 8 10 12 15 16								
	25	6 8 10 12 15 16 20								
	30	10								
	20 25									

Ordering Example: Part Number - V - L
PISS20 - 10 - 400

Alterations: Part Number - V - L - (MC, WMC, LKC)
PISS20 - 8 - 400 - MC

Alterations Code	One End Tapped	Both Ends Tapped	L Dimension Tolerance						
	MC	<p>Ordering Code: MC</p> <p>Spec. Adds a tap on one end. Ordering Code: MC8 6≤B≤32 When L≤Mx2, the tap goes through.</p>	<p>Ordering Code: WMC</p> <p>Spec. Adds taps on both ends. Ordering Code: WMC 6≤B≤32 When L≤Mx4, the tap goes through.</p>	<p>Ordering Code: LKC</p> <p>Spec. Changes L Dimension Tolerance</p> <table border="1"> <thead> <tr> <th>L</th> <th>L Tolerance</th> </tr> </thead> <tbody> <tr><td>10-300</td><td>±0.05</td></tr> <tr><td>301-500</td><td>±0.10</td></tr> </tbody> </table> <p>Not applicable to L>500.</p>	L	L Tolerance	10-300	±0.05	301-500
L	L Tolerance								
10-300	±0.05								
301-500	±0.10								

Stainless Steel Hollow Tubes - Wall Thickness Selectable

PIPS

C Dimension or More or Less	C	
	D3	D16
D20	D30	1.0

L Dimension Tolerance or More or Less	L	
	10	30
31	120	±0.3
121	400	±0.5
401	1000	±0.8

Material: SUS304 (Drawn)

For maximum L dimension in each D dimension, refer to the specification table.

Part Number Type	D	t Selection	L 1mm increment	Unit Price						
				L10-100	L101-200	L201-400	L401-600	L601-800	L801-1000	
PIPS	3	0.5 1	10-250							
	4	0.5 1								
	5	0.5 1 1.5								
	6	0.5 1 1.5 2								
	8	0.5 1 1.5 2								
	10	0.5 1 1.5 2 2.5 3								
	13	0.5 1 1.5 2 2.5 3								
	15	1 1.5 2 2.5 3 4								
	16	1.5 2 2.5 3 4 5								
	20	2 2.5 3 4 5								
	25	2.5 3 4 5 6								
	30	4 5 6								

Ordering Example: Part Number - t - L
PIPS4 - 1 - 125