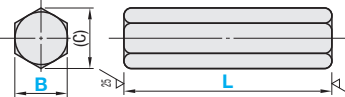


Hex Rods

Material: EN 1.1191 Equiv., EN 1.4305 Equiv. / 304, EN CW614N Equiv., EN AW-2011 Equiv.



Type	Material
RDRC	EN 1.1191 Equiv.
RDRF	EN 1.4305 Equiv.
RDRS	EN 1.4301 Equiv.
RDRG	EN CW614N Equiv. (Brass)
RDRS	EN AW-2011 Equiv.



L Dimension Tolerance
or More or Less Tolerance

L	30	±0.2
15	30	±0.2
31	120	±0.3
121	400	±0.5
401	1000	±0.8

RoHS10

Part Numbers in are not RoHS compliant.



Ordering Example

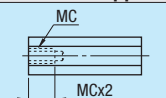
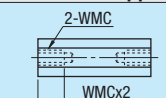
Part Number	-	L
RDRC10	-	300

Part Number		L 1mm Increment	(C)
Type	B		
RDRC (EN 1.1191 Equiv.)	6	15~400	6.9
	7		8.1
	8		9.2
	10	25~600	11.5
	12		13.9
	13		15.0
RDRF (EN 1.4305 Equiv.)	14	35~800	16.2
	17		19.6
	19		21.9
	24	65~1000	27.7
	27		31.2
	30		34.6
RDRS (EN 1.4301 Equiv.)	32		36.9



Alters

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

Alters	One End Tapped	Both Ends Tapped																																
																																		
Code	MC	WMC																																
Spec.	Adds a tap on one end. Ordering Code MC8 6≤B≤32 When L≤MC2, the tap goes through. <table><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> When L≤Mx4, the pilot hole for tapping may go through.	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	Adds taps on both ends. Ordering Code WMC12 6≤B≤32 When L≤Mx4, the tap goes through. <table><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	3, 4, 5, 6, 8, 10, 12, 16
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																																	
B	WMC (Selection Range)																																	
6, 7	3																																	
8	3, 4																																	
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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																																	

Part Number	Unit Price						
	Type	B	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						
RDRF	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						
RDRS	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						

Part Number	Unit Price						
	Type	B	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						
RDRS	6						
	7						
	8						
	10						
	12						
	13						
	14						
	17						
	19						
	24						
	27						
	30						

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

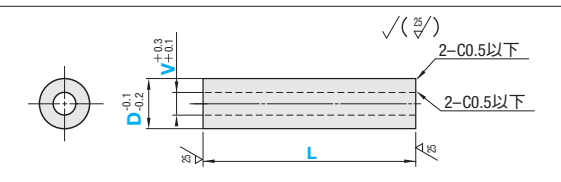


Type	Material	Surface Treatment
PISS	JIS-STKM17C	-
PISK		Black Oxide
PISN		Electroless Nickel Plating

L Dimension Tolerance
or More or Less Tolerance

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

RoHS10



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					



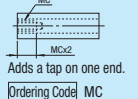
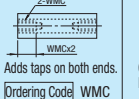
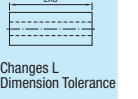
Ordering Example

Part Number	-	V	-	L
PISS20	-	10	-	400



Alters

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

Alters	One End Tapped	Both Ends Tapped	L Dimension Tolerance																																						
Code	MC	WMC	LKC																																						
																																									
	Adds a tap on one end. Ordering Code MC 6≤B≤32 When L≤MC2, the tap goes through.	Adds taps on both ends. Ordering Code WMC 6≤B≤32 When L≤Mx4, the tap goes through.	Changes L Dimension Tolerance Ordering Code LKC																																						
Spec.	<table><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> When L≤Mx4, the pilot hole for tapping may go through.	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	<table><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	3, 4, 5, 6, 8, 10, 12, 16	<table><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> Not applicable to L>500.	L	L Tolerance	10~300	±0.05	301~500	±0.10
B	MC (Selection Range)																																								
6, 7	3																																								
8	3, 4																																								
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L	L Tolerance																																								
10~300	±0.05																																								
301~500	±0.10																																								

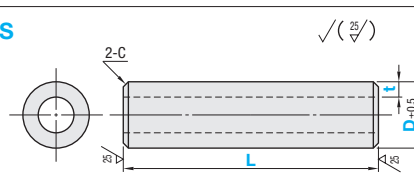


Type	Material	Surface Treatment
PIPS	JIS-STKM17C	-

L Dimension Tolerance
or More or Less Tolerance

L	30	±0.2
10	30	±0.2
31	120	±0.3
121	400	±0.5
401	1000	±0.8

RoHS10



Material: EN 1.4301 Equiv. (Drawn)

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	10~500						
		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	10~900						
		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 6	10~1000						
		25	2.5 3 4 5 6							
		30	4 5 6							



Ordering Example

Part Number	-	t	-	L
PIPS4	-	1	-	125