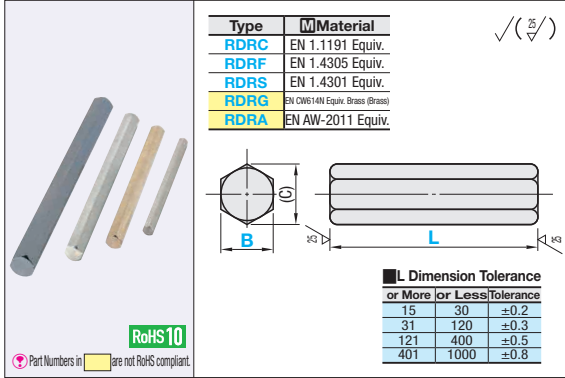


Hex Rods

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 (Brass))
RDRA	EN AW-2011 Equiv.


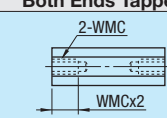
RoHS 10
Part Numbers in yellow are not RoHS compliant.

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	L	(C)
Type	B	1mm Increment
RDRC (EN 1.1191 Equiv.)	6	6.9
	7	8.1
	8	9.2
	10	11.5
	12	13.9
RDRF (EN 1.4305 Equiv.)	13	15.0
	14	16.2
	17	19.6
RDRG (EN CW614N Equiv.)	19	21.9
	24	27.7
RDRA (EN AW-2011 Equiv.)	27	31.2
	30	34.6
	32	36.9

Ordering Example: Part Number - L
RDRC10 - 300

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

Alterations	One End Tapped	Both Ends Tapped
		
Code	MC	WMC
Spec.	Adds a tap on one end. Ordering Code MC8 6≤B≤32 When L≤Mx2, the tap goes through.	Adds taps on both ends. Ordering Code WMC12 6≤B≤32 When L≤Mx4, the tap goes through.
	B MC (Selection Range)	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	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

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

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

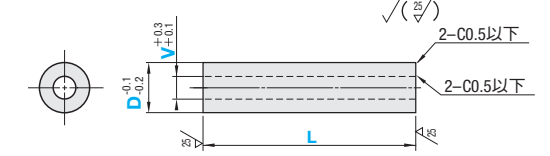
Steel Hollow Tubes - I.D. Selectable / Stainless Steel Hollow Tubes - Wall Thickness Selectable

Steel Hollow Tubes - I.D. Selectable

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

RoHS 10

L Dimension Tolerance or More or Less Tolerance		
10	99	±0.1
100	120	±0.3
121	400	±0.5
401	1000	±0.8

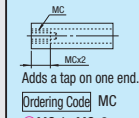
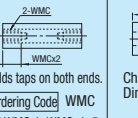


There may be rust on the inner surface.
End faces are not surface-treated. (Common to PISK and PISN).

Part Number	Type	D	V	L	Unit Price						
					1mm increment	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	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	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	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		
Code	MC	WMC	LKC
Spec.	Adds a tap on one end. Ordering Code MC 6≤B≤32 When L≤Mx2, 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
	B MC (Selection Range)	B WMC (Selection Range)	L L Tolerance
	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	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	10-300 ±0.05 301-500 ±0.10 Not applicable to L>500.

Stainless Steel Hollow Tubes - Wall Thickness Selectable

RoHS 10



C Dimension or More or Less			L Dimension Tolerance or More or Less Tolerance		
D3	D16	0.5	10	30	±0.2
D20	D30	1.0	31	120	±0.3
			121	400	±0.5
			401	1000	±0.8

Material: EN 1.4301 Equiv. (Drawn)

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

Part Number	Type	D	t Selection	L	Unit Price						
					1mm increment	L10-100	L101-200	L201-400	L401-600	L601-800	L801-1000
PISN	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
PISN4 - 1 - 125