

Stainless Steel Hollow Tubes with Bending Alteration

Resin Rods - Exterior Surface Unfinished

SPLM (Semi-Seamless)

<Base Material Specification>

Seams (Weld bead removed)

Ends are deburred only (Both SPLM and PIPM). Material: SUS304 (Annealed)

PIPM (Seamless Ornamental Hollow Tube #400)

Material: SUS304

t=1.0(D=10, 15)
t=2.0(D=22, 25, 32, 45)
t=3.0(D=38, 50)

Specifying Angle 1 / Angle 2

Specify Bending Angle ①
Upward Bend LU°
Downward Bend LL°

Specifying Angle 3

Bend the Angle ② portion as specified for Angle ③.
• When Angle ② begins with UU upward
• When Angle ② begins with LL downward

Bend to Left LT°
Bend to Right RT°

⚠ Bending process may cause scratches on the surface.

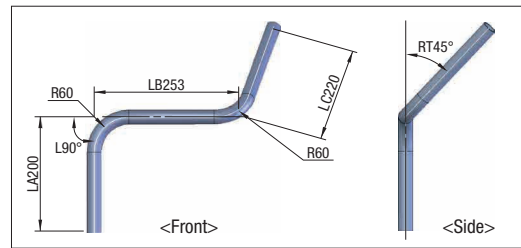
Part Number	Bending Type	Hollow Tube Length	Bending Angle			Obtain the sum of the material price (LA+LB+LC)							Bending Charge (B)															
			Specify: ①	Specify: ②	Specify: ③	LA, LB, LC							B1 (1st Bending)	B2 (2nd Bending)	B3 (3rd Bending)													
Type	D	B	LA	LB	LC	U	UU	LL	RT	LT	80	101	201	301	401	501	601	801	100	200	300							
SPLM (Semi-Seamless)	2	40	80-600 (1mm Increment)	40	40	30-90 (1° Increment ±0.5°)																						
	3																											
	4																											
	5																											
	6																											
	8																											
	10						1 (1st Bending)																					
	12						2 (2nd Bending)																					
	15						3 (2nd Bending + 3rd Bending)																					
	16																											
PIPM (Ornamental Hollow Tube)	10	30	80-1000 (1mm Increment)	50	60	30-90 (1° Increment ±0.5°)																						
	15	40																										
	22	40																										
	25	50																										
	32	80																										
	38	80																										
	45	120																										
	50	100																										

Ordering Example: Part Number - B - LA - LB - LC - U/L - UU/LL - RT/LT

Three Dimensional Bending Example
• For PIPM25-B3-200-253-220-L90-UU75-RT45

Price Calculation Method: Obtain the sum of the material price (LA+LB+LC) and the bending charge (B1+B2+B3).
(Ex.) PIPM25-B3-200-253-220-L90-UU75-RT45

Base Material Price (LA+LB+LC) + Bending Charge (B1, B2, B3) = Price



Alterations

Part Number - B - LA - LB - LC - U/L - UU/LL - RT/LT - (AUT, CUT, CUA, CUC)

PIPM22 - B3 - 100 - 240 - 320 - U50 - U35 - LT49 - AUT70

PIPM22 - B3 - 200 - 253 - 361 - U60 - U35 - LT49 - CUA

Alterations	LA / LC Cut	Parallel Cut
Code	AUT (LA Cut) CUT (LC Cut)	CUA (LA Side) CUC (LC Side)
Spec.	Cuts LA and LC. Ordering Code AUT100 AUT(CUT) ≥ R+D	Cuts in parallel with LB. Ordering Code CUA

These Polyacetal and MC Nylon rod materials are used for various industrial purposes. Available from Ø10 to Ø200.

Part Number	Material	Grade	Color
RDJJS	Polyacetal	Standard	White
RDJKS			Black
RDJMS	MC Nylon	Standard	Blue
RDJFS	Fluororesin	Standard	White

D	L Dimension Tolerance	
	D	L
10-50	0~+3.0	
60-200	0~+10.0	

D	D Dimension Tolerance (MC Nylon)	
	D	D Dimension Tolerance
20-30	0~+1.5	
40-50	0~+3.0	
60-120	0~+4.0	
150-200	0~+5.0	

D	Warpage Range of D (MC Nylon)	
	D	Warpage
20-200	4.0 or Less	
(Other Than Above)		
D	Warpage	
10	5.0 or Less	
15-200	3.0 or Less	

Exterior surfaces are unfinished. For Exterior Surface Finished Type, see P.319

Characteristic Values P.953, 954

Type	Part Number	L
RDJMS	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100, 120	1mm increment
RDJJS		20-800
RDJKS	150, 180, 200	20-500

Ordering Example: Part Number - L

RDJJS15 - 500

Part Number	Type	D	Unit Price								
			Dimension Fixed			Dimension Configurable					
RDJJS		10	100	200,300	500	20-99	101-299	301-499	501-600	601-700	701-800
		15									
		20									
		25									
		30									
		40									
		50									
		60									
		70									
		80									
RDJMS		100									
		120									
		150									
		180									
		200									

Part Number	Type	D	Unit Price								
			Dimension Fixed			Dimension Configurable					
RDJKS		10	100	200,300	500	20-99	101-299	301-499	501-600	601-700	701-800
		15									
		20									
		25									
		30									
		40									
		50									
		60									
		70									
		80									
RDJFS		100									
		120									
		150									
		180									
		200									

Part Number	Type	D	Unit Price								
			Dimension Fixed			Dimension Configurable					
RDJMS		20	100	200,300	500	20-99	101-299	301-499	501-600	601-700	701-800
		25									
		30									
		40									
		50									
		60									
		70									
		80									
		90									
		100									
RDJFS		120									
		150									
		180									
		200									

For O.D. dimensions other than indicated above, order can be placed from Material Shop 24.

Examples of Available O.D. Dimensions >>> <http://misumi.jp/fa24>

Examples of Available O.D. Dimensions

Material	Grade	Color	O.D. (D)
MC Nylon	Standard	Blue	10, 15, 35, 55, 65, 75, 85, 110, 130, 140, 160
Polyacetal	Standard	Black, White	35, 55, 65, 75, 85, 110, 130, 140, 160
Fluororesin	Standard	White	35, 55, 65

