

# Resin Rods - Exterior Surface Finished

Standard, O.D. Configurable

14 types of exterior surface finished engineered plastics are added to our lineup. O.D. is configurable in 1mm increment.

Standard, Large Dia.	O.D. Configurable	Material	Grade	Color
RDJJ	FRDJJ	Polyacetal	Standard	White
RDJK	-		Standard	Black
RDJM	FRDJM	MC Nylon	Standard	Blue
RDJW	-		Standard	Ivory
RDJG	-		Conductive CDR2	Black
RDJT	-		Conductive CDR6	Black
RDJB	-	Bakelite	Paper Base	Natural Color
RDJN	-		Cloth Base	Natural Color
RDJF	-	Fluororesin	Standard	White
RDJP	-	PEEK	Standard	Gray
RDJS	-	PPS	Standard	Brown
RDJX	-	ABS	Standard	Beige
RDJE	-	Epoxy Glass	Standard	Green
RDJU	-	Ultra-High Molecular Weight Polyethylene	Standard	Milky White

For characteristic values, see P953, 954.  
 For Large Diameter Type (D60 ~ 200), see P318.  
 Use alteration LKC for L dimension tolerance precision grade.

Part Number		L	
Type	D	1mm Increment	
RDJJ (Polyacetal - Standard, White)	3	10-250	
RDJK (Polyacetal - Standard, Black)	4		
RDJM (MC Nylon - Standard, Blue)	5		
RDJW (MC Nylon - Standard, Ivory)	6		
RDJG (MC Nylon - Conductive CDR2)	8		
RDJT (MC Nylon - Conductive CDR6)	10	10-500	
RDJB (Bakelite - Paper Base)	12		
RDJN (Bakelite - Cloth Base)	13		
RDJF (Fluororesin - Standard)	15		
RDJP (PEEK - Standard)	16		
RDJE (Epoxy Glass - Standard)	18	20-800	
RDJU (UHMWPE - Standard)	20		
RDJS (PPS - Standard)	25		
RDJX (ABS - Standard)	30		
RDJJ (Polyacetal - Standard, White)	40		
RDJM (MC Nylon - Standard, Blue)	50		
RDJF (Fluororesin - Standard)	50		

Part Number		D	L
		1mm Increment	1mm Increment
FRDJJ (Polyacetal - White)		6-10	10-500
FRDJM (MC Nylon - Standard, Blue)		11-15	10-750
		16-18	10-800
		19-30	20-800



**Standard**  
 Part Number - L  
 RDJJ15 - 500

**O.D. Configurable**  
 Part Number - D - L  
 FRDJJ - D14 - L530

RDJS (PPS) generates an oxide film on the surface and the color turns brown when exposed to light and heat (direct sunlight, fluorescent light, mercury lamp and high-temperature atmosphere) for extended duration, however its mechanical and physical properties change little.  
 For D60~D200, see P318.

Alterations Part Number - L - (LKC, MC, WMC, MH, WMH)  
 RDJJ20 - 535 - MC8

L dimension tolerance after alterations: ±0.3 for 400mm or less; ±0.8 for greater than 400 to 800mm.  
 No alteration is applicable to RDJB, RDJN, RDJF and RDJE.  
 Express service is not available.

Alterations	L Dimension Tolerance	One End Tapped	Both Ends Tapped	One End Tapped with a Threaded Insert	Both Ends Tapped with Threaded Inserts
Code	LKC	MC	WMC	MH	WMH
Spec.	Changes L dimension tolerance as follows. 10 ~400mm ±0.3 401~800mm ±0.8 Ordering Code LKC 8≤D≤30	Adds a tap on one end. Ordering Code MC10 8≤D≤50 When L≤MCx2, the tap goes through. D MC (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16 When L≤MCx4, the pilot hole for tapping may go through.	Adds taps on both ends. Ordering Code WMC12 8≤D≤50 When L≤WMCx4, the tap goes through. D WMC (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16	Adds a tap on one end. (with Threaded Inserts) Ordering Code MH12 8≤D≤50 When L≤MHx2, the tap goes through. D MH (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16	Adds taps on both ends. (with Threaded Inserts) Ordering Code WMH10 8≤D≤50 When L≤WMHx4, the tap goes through. D WMH (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16

Standard For maximum L dimension in each D dimension, refer to the specification table shown on the left-hand page.

Part Number		Unit Price						Part Number		Unit Price						Part Number		Unit Price					
Type	D	Min. L - 100	L101-200	L201-400	L401-600	L601-800	Type	D	Min. L - 100	L101-200	L201-400	L401-600	L601-800	Type	D	Min. L - 100	L101-200	L201-400	L401-600	L601-800			
RDJJ	3						RDJB	3						RDJS	3								
	4							4							4								
	5							5							5								
	6							6							6								
	8							8							8								
	10							10							10								
	12							12							12								
	13							13							13								
	15							15							15								
	16							16							16								
18						18						18											
20						20						20											
25						25						25											
30						30						30											
40						40						40											
50						50						50											
RDJM	3						RDJN	3						RDJX	3								
	4							4							4								
	5							5							5								
	6							6							6								
	8							8							8								
	10							10							10								
	12							12							12								
	13							13							13								
	15							15							15								
	16							16							16								
18						18						18											
20						20						20											
25						25						25											
30						30						30											
40						40						40											
50						50						50											
RDJG	3						RDJF	3						RDJE	3								
	4							4							4								
	5							5							5								
	6							6							6								
	8							8							8								
	10							10							10								
	12							12							12								
	13							13							13								
	15							15							15								
	16							16							16								
18						18						18											
20						20						20											
25						25						25											
30						30						30											
40						40						40											
50						50						50											
RDJT	3						RDJP	3						RDJU	3								
	4							4							4								
	5							5							5								
	6							6							6								
	8							8							8								
	10							10							10								
	12							12							12								
	13							13							13								
	15							15							15								
	16							16							16								
18						18						18											
20						20						20											
25						25						25											
30						30						30											

O.D. Configurable

Part Number		D	Unit Price				
			Min. L - 100	L101-200	L201-400	L401-600	L601-800
FRDJJ		6-10					
		11-15					
		16-19					
		20-24					
		25-27					
		28-30					

Part Number		D	Unit Price				
			Min. L - 100	L101-200	L201-400	L401-600	L601-800
FRDJM		6-10					
		11-15					
		16-19					
		20-24					
		25-27					
		28-30					