

Collars -Configurable-



Our Collars are available in 1045 carbon steel, 2017 aluminum, and 304 or 440C Stainless steel. There are two different types of collars available: with pre-selected outside diameter and with configurable O.D. selection, where you specify all of the dimensions from listed ranges.

Material	Surface Treatment	Hardness	Type
1045 Steel	-	-	U-FNCLC
	Black Oxide	-	U-FNCLB
	Electroless Nickel Plating	-	U-FNCLM
2017 Aluminum	Clear Anodizing	-	U-FNCLA
	Black Anodizing	-	U-FNCLAB
304 Stainless Steel	-	-	U-FNCLSS
1045 Steel	-	45-50HRC	U-FNCLCH
	Black Oxide	45-50HRC	U-FNCLBH
	Electroless Nickel Plating	45-50HRC	U-FNCLMH
440C Stainless Steel	-	45-50HRC	U-FNCLSH

Material Characteristics P.628, 629

When $D \leq 0.500$, $C=0.005 \sim 0.010$
 When $D > 0.500$, $C=0.020$ max.
 Surface Roughness: Unless otherwise specified

Part No.	V Choose in 0.001" Increments	D Choose in 0.01" Increments	L Choose in 0.0005" Increments	\$ Unit Price (Qty. 1~4)										
				U-FNCLC	U-FNCLB	U-FNCLM	U-FNCLA	U-FNCLAB	U-FNCLSS	U-FNCLCH	U-FNCLBH	U-FNCLMH	U-FNCLSH	
U-FNCLC U-FNCLB U-FNCLM U-FNCLA U-FNCLAB U-FNCLSS U-FNCLCH U-FNCLBH U-FNCLMH U-FNCLSH	0 (No Hole) 0.078 ~ 1.875	0.19 ~ 0.38	0.3750 ~ 1.0000	4.70	5.20	6.60	5.40	8.20	8.20	5.30	5.80	7.60	10.60	
			1.0005 ~ 2.0000	6.10	6.70	8.30	7.30	10.90	10.90	6.80	7.70	9.50	14.20	
			0.39 ~ 0.75	0.3750 ~ 1.0000	6.00	6.60	8.20	7.00	10.60	10.60	6.70	7.60	9.40	13.70
			1.0005 ~ 2.0000	8.60	9.50	11.30	10.10	15.40	15.40	9.70	10.80	12.80	19.80	
			2.0005 ~ 3.0000	11.80	13.00	14.90	13.90	21.10	21.10	13.40	14.80	17.00	27.50	
			3.0005 ~ 4.0000	14.20	15.70	17.90	16.80	25.60	25.60	16.20	18.00	20.50	33.20	
		0.76 ~ 1.19	0.3750 ~ 1.0000	6.10	6.70	8.30	7.30	10.90	10.90	6.80	7.70	9.50	14.20	
			1.0005 ~ 2.0000	9.00	10.00	11.80	10.60	16.10	16.10	10.30	11.40	13.40	20.90	
			2.0005 ~ 3.0000	11.90	13.20	15.20	14.00	21.20	21.20	13.60	15.20	17.40	27.60	
			3.0005 ~ 4.0000	14.50	16.10	18.20	17.20	26.20	26.20	16.70	18.50	20.90	34.00	
			1.20 ~ 1.56	0.3750 ~ 1.0000	10.60	11.60	13.40	12.40	18.80	18.80	12.10	13.30	15.50	24.50
				1.0005 ~ 2.0000	14.20	15.60	17.60	16.70	25.20	25.20	16.20	17.90	20.30	32.80
		2.0005 ~ 3.0000		19.90	22.10	24.60	23.50	35.80	35.80	22.80	25.30	28.10	43.80	
		1.57 ~ 2.00	3.0005 ~ 4.0000	22.80	25.30	28.00	27.10	41.20	41.20	26.20	29.00	29.40	48.20	
			0.3750 ~ 1.0000	10.70	11.90	13.90	12.70	19.30	19.30	12.20	13.60	15.80	25.00	
			1.0005 ~ 2.0000	14.20	15.70	17.90	16.80	25.60	25.60	16.20	18.00	20.50	33.20	
			2.0005 ~ 3.0000	20.80	22.90	25.40	24.50	37.20	37.20	23.80	26.40	29.20	45.70	
		3.0005 ~ 4.0000	23.80	26.40	29.20	28.20	43.00	43.00	27.40	27.70	30.80	50.40		

- Selection Criteria: 1: $D/10 \leq L \leq V \times 8$
 2: When $L \leq 2.00$, $D \geq V + 0.125$ When $L > 2.00$, $D \geq V + 0.250$
 U-FNCLSH (440C stainless steel) may be discolored due to the hardening process.
 The part number consists only of the fields with blue characters.



Order Example

Part No. — V — D — L
 U-FNCLB — V 0.190 — D 0.75 — L 1.0625



Days to Ship

•1045 Steel, 304 Stainless Steel, 440C Stainless Steel

Standard 6 Days Express 4 Days (Specify Express A) \$2.00/piece P.30

Non-Returnable P.30 A flat charge of \$5.40 for 3 or more identical pieces.

•2017 Aluminum Standard 8 Days Express 6 Days (Specify Express B) \$2.00/piece P.30

Non-Returnable P.30 A flat charge of \$5.40 for 3 or more identical pieces.



Price

Quantity Discount Rate

Quantity	1~4	5~19	20~49	50~
Rate	—	5%	10%	15%

For larger quantity orders "Days to Ship" may differ from published catalog term. P.29

Contents

How to Use the Catalog

Linear Motion

Linear Shafts

Bushings

Shaft Supports
Shaft Collars

Linear Guides

Rotary Motion

Rotary Shafts

Bearings w/
Housings

Pulleys
Belts
Couplings

Locating Components

Locating Pins & Bushings

Locating Components

General Components

Pivot Pins
Floating Joints

Posts
Device Stands
Strut Clamps

Angle Plates
Gussets
Welded Stands

Washers
Collars

Manifolds

Urethanes
Rubbers

Plates

Misc.

Technical Data

Business Information

Index