


# Strut Clamps

—Perpendicular Configuration, Same Diameter Shaft Holes, Selectable Pitch—



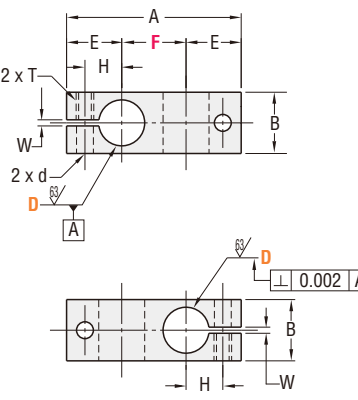
This type of clamp is designed to join two shafts of the same size at a 90-degree angle. Available in 1018 steel, 6061-T6 aluminum# and 304 stainless steel. Smaller sizes have only one clamping bolt, while the larger sizes have two. Clamping hardware included.



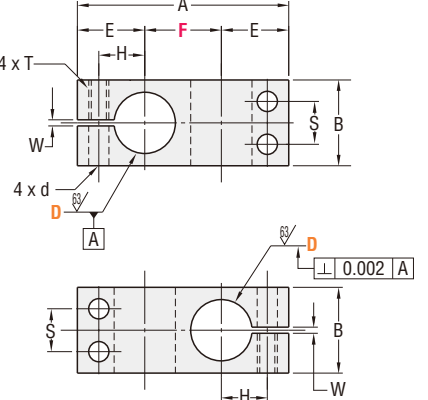
Material	Surface Treatment	Included Hardware	Type
1018 Steel	Black Oxide	S.H.C.S.	U-KMKC
	Electroless Nickel Plating		U-MMKC
6061-T6 Aluminum	Black Anodizing		U-AMKC
304 Stainless Steel	-		U-SMKC

Material Characteristics P.628, 629

**D0.25~0.50**



**D0.63~1.00**



General Tolerance  
Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	±0.01
5.001	16.000	±0.02
16.001	60.000	±0.05

Thread or hole location tolerance: ±0.005' non-cumulative.

Surface Roughness: Unless otherwise specified

Type	Part No.			F Selection								
	Callout	Nominal	Tolerance	1/2	5/8	3/4	7/8	1"	1-1/4	1-1/2	2"	3"
U-KMKC U-MMKC U-AMKC U-SMKC	0.25	1/4	0.2506 0.2500	0.5	0.63	0.75						
	0.38	3/8	0.3756 0.3750			0.75	0.88	1.00				
	0.50	1/2	0.5007 0.5000				0.88	1.00	1.25			
	0.63	5/8	0.6257 0.6250					1.00	1.25	1.50		
	0.75	3/4	0.7508 0.7500						1.25	1.50	2.00	
	1.00	1"	1.0008 1.0000						1.25	1.50	2.00	3.00

The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Order Example

Part No. — F

Type D

U-KMKC 0.50 — F 0.88

D tolerance and perpendicularity are verified before the slit machining process. Due to possible internal spring force this product may require higher clamping torque.

Technical Information

D	E	A	B	H	S	T (Thread)		d	W
						Size	Major Dia.		
0.25	0.469	F+(2xE)	0.438	0.313	-	#8-32	0.164	0.180	0.078
0.38	0.563	F+(2xE)	0.563	0.344	-	#10-32	0.190	0.206	0.078
0.50	0.625	F+(2xE)	0.750	0.406	-	#10-32	0.190	0.206	0.078
0.63	0.750	F+(2xE)	0.938	0.500	0.438	#10-32	0.190	0.206	0.078
0.75	0.875	F+(2xE)	1.125	0.594	0.563	1/4-20	0.250	0.281	0.078
1.00	1.000	F+(2xE)	1.375	0.719	0.750	1/4-20	0.250	0.281	0.078

Days to Ship **1** Day

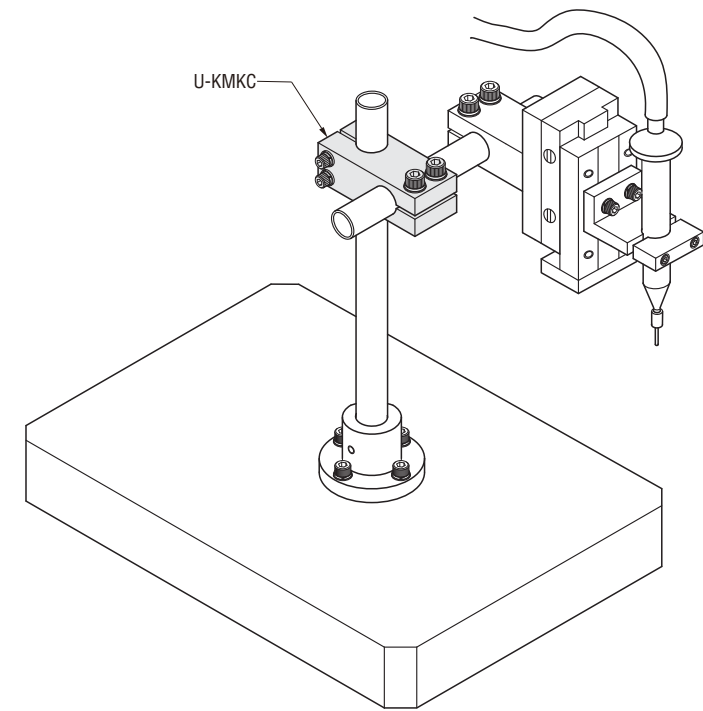
Price

Quantity	1	2-4	5-19	20~
Rate	—	2%	3%	5%

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

D	\$ Unit Price			
	U-KMKC	U-MMKC	U-AMKC	U-SMKC
0.25	18.10	20.20	20.20	27.60
0.38	18.60	20.50	20.50	28.10
0.50	21.80	24.20	24.20	33.00
0.63	25.90	28.80	28.80	39.20
0.75	31.20	34.60	34.60	47.00
1.00	37.80	41.90	41.90	57.00

Example



- 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