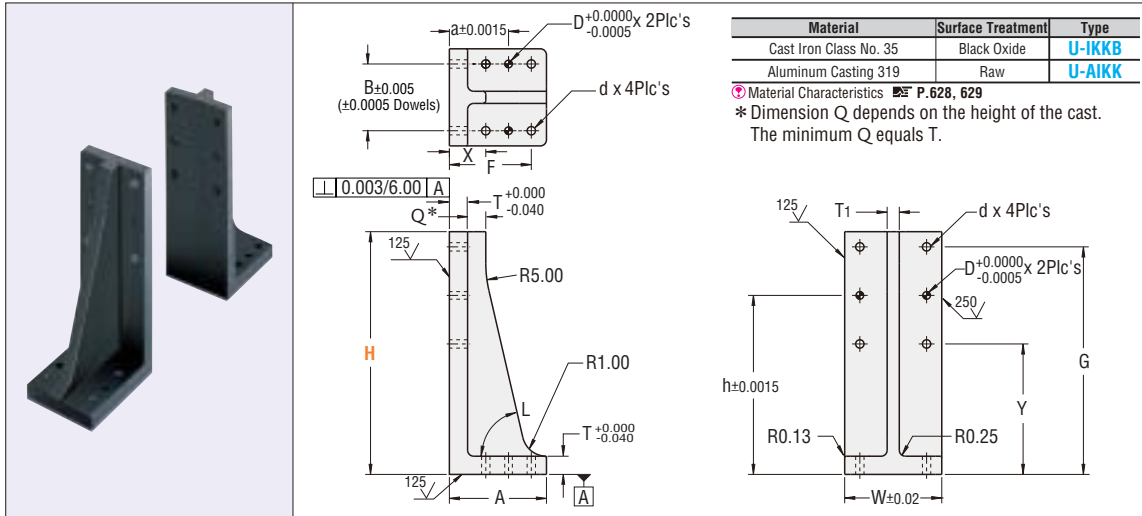


Precision Angle Plates –With Pre-drilled Holes–

Precision Angle Plates with pre-drilled holes are available in cast aluminum and cast iron. The straightness and perpendicularity of the two mounting planes, both at 0.003" per every 6 inches, guarantees very good precision. If you are looking for a particular hole progression due to a nature of your design, see the next page for Plates with Configurable Hole Locations or Plates Without Holes.



Part No.	Type	Angle Plate Height		B	X	F	Y	G	\$ Unit Price (Qty. 1-19)	
		Callout	Actual						U-IKKB	U-AIKK
3	U-IKKB	3.00	3.00	2.00	1.25	2.50	1.25	2.50	33.40	39.90
4	U-IKKB	4.00	4.00	2.00	1.25	2.50	2.00	3.50	39.40	42.70
5	U-IKKB	5.00	5.00	2.00	1.25	2.50	3.00	4.50	46.40	47.40
6	U-IKKB	6.00	6.00	3.00	1.50	3.25	2.38	5.38	50.70	50.30
8	U-IKKB	8.00	8.00	3.00	1.50	3.25	4.38	7.38	64.90	61.10
10	U-IKKB	10.00	10.00	3.00	1.50	3.25	6.38	9.38	79.10	72.40
12	U-IKKB	12.00	12.00	3.00	2.00	5.25	7.25	11.25	101.40	93.60
14	U-IKKB	14.00	14.00	3.00	2.00	5.25	9.25	13.25	109.70	107.10
16	U-IKKB	16.00	16.00	3.00	2.00	5.25	11.25	15.25	129.10	127.10
18	U-IKKB	18.00	18.00	3.00	2.00	5.25	13.25	17.25	146.40	143.00

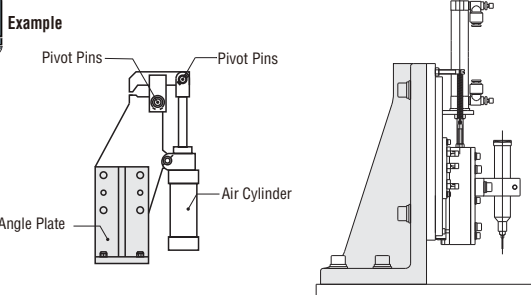
Order Example: The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No. **U-AIKK 12**

Technical Information

H	a	h	D	d		A	W	T	T ₁	L	Q*
				Dia.	Compatible Bolt						
3	1.8750	1.8750	0.2500	0.281	1/4	3.00	3.00	0.50	0.50	72°	0.96
4	1.8750	2.7500	0.2500	0.281	1/4	3.00	3.00	0.50	0.50	72°	0.75
5	1.8750	3.7500	0.2500	0.281	1/4	3.00	3.00	0.50	0.50	72°	0.75
6	2.3750	3.8750	0.3125	0.344	5/16	4.00	4.00	0.75	0.50	77°	1.24
8	2.3750	5.8750	0.3125	0.344	5/16	4.00	4.00	0.75	0.50	77°	0.78
10	2.3750	7.8750	0.3125	0.344	5/16	4.00	4.00	0.75	0.50	77°	0.75
12	3.6250	9.2500	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	1.67
14	3.6250	11.2500	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	1.20
16	3.6250	13.2500	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	0.75
18	3.6250	15.2500	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	0.75

Days to Ship: **1** Day



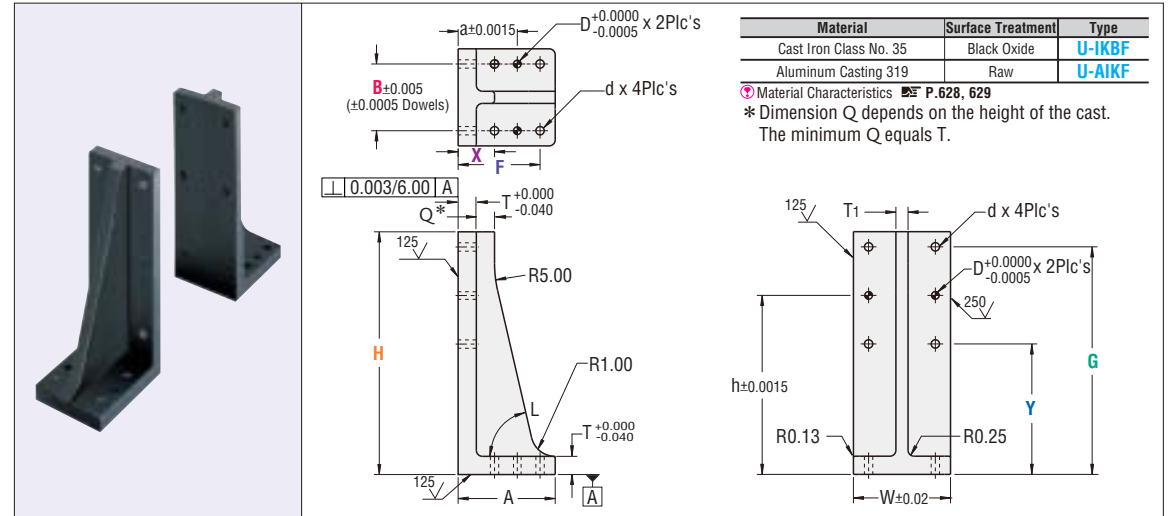
Quantity Discount Rate

Quantity Rate	1-19	20-39	40-
Rate	—	2%	3%

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

Precision Angle Plates –With Configurable Hole Locations–

Precision Angle Plates with configurable hole locations are available in cast aluminum and cast iron. The straightness and perpendicularity of the two mounting planes, both at 0.003" per every 6 inches, guarantees very good precision. The dowels always located at half of the distance between the mounting holes. Choose from a variety of optional modifications available for this product.



Part No.	Type	Angle Plate Height		Choose in 0.005" Increments					\$ Unit Price (Qty. 1-19)	
		Callout	Actual	B	X	F	Y	G	U-IKBF	U-AIKF
3	U-IKBF	3.00	3.00	1.500-2.000	1.125-1.750	1.750-2.500 (F-X≥0.750)	1.125- 1.750	1.875- 2.500 (G-Y≥0.750)	36.60	42.70
4	U-IKBF	4.00	4.00	1.500-2.000	1.125-1.750	1.750-2.500 (F-X≥0.750)	1.125- 2.750	1.875- 3.500 (G-Y≥0.750)	44.40	50.30
5	U-IKBF	5.00	5.00	1.500-2.000	1.125-1.750	1.750-2.500 (F-X≥0.750)	1.125- 3.750	1.875- 4.500 (G-Y≥0.750)	50.10	53.70
6	U-IKBF	6.00	6.00	1.750-3.000	1.500-2.375	2.375-3.375 (F-X≥1.000)	1.500- 4.375	2.500- 5.375 (G-Y≥1.000)	55.90	58.40
8	U-IKBF	8.00	8.00	1.750-3.000	1.500-2.375	2.375-3.375 (F-X≥1.000)	1.500- 6.375	2.500- 7.375 (G-Y≥1.000)	69.30	68.40
10	U-IKBF	10.00	10.00	1.750-3.000	1.500-2.375	2.375-3.375 (F-X≥1.000)	1.500- 8.375	2.500- 9.375 (G-Y≥1.000)	83.50	80.20
12	U-IKBF	12.00	12.00	2.000-3.000	2.000-4.125	4.125-5.250 (F-X≥1.125)	2.000-10.125	3.125-11.250 (G-Y≥1.125)	105.80	97.70
14	U-IKBF	14.00	14.00	2.000-3.000	2.000-4.125	4.125-5.250 (F-X≥1.125)	2.000-12.125	3.125-13.250 (G-Y≥1.125)	114.10	111.20
16	U-IKBF	16.00	16.00	2.000-3.000	2.000-4.125	4.125-5.250 (F-X≥1.125)	2.000-14.125	3.125-15.250 (G-Y≥1.125)	133.50	131.10
18	U-IKBF	18.00	18.00	2.000-3.000	2.000-4.125	4.125-5.250 (F-X≥1.125)	2.000-16.125	3.125-17.250 (G-Y≥1.125)	151.90	148.50

Order Example: Selection Criteria: F>X and G>Y. The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No. **U-IKBF 12 - B 2.875 - X 2.125 - F 4.500 - Y 2.750 - G 11.250**

Technical Information

H	a	h	D	d		A	W	T	T ₁	L	Q*
				Dia.	Compatible Bolt						
3	X+((F-X)/2)	Y+((G-Y)/2)	0.2500	0.281	1/4	3.00	3.00	0.50	0.50	72°	0.96
4	X+((F-X)/2)	Y+((G-Y)/2)	0.2500	0.281	1/4	3.00	3.00	0.50	0.50	72°	0.75
5	X+((F-X)/2)	Y+((G-Y)/2)	0.2500	0.281	1/4	3.00	3.00	0.50	0.50	72°	0.75
6	X+((F-X)/2)	Y+((G-Y)/2)	0.3125	0.344	5/16	4.00	4.00	0.75	0.50	77°	1.24
8	X+((F-X)/2)	Y+((G-Y)/2)	0.3125	0.344	5/16	4.00	4.00	0.75	0.50	77°	0.78
10	X+((F-X)/2)	Y+((G-Y)/2)	0.3125	0.344	5/16	4.00	4.00	0.75	0.50	77°	0.75
12	X+((F-X)/2)	Y+((G-Y)/2)	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	1.67
14	X+((F-X)/2)	Y+((G-Y)/2)	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	1.20
16	X+((F-X)/2)	Y+((G-Y)/2)	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	0.75
18	X+((F-X)/2)	Y+((G-Y)/2)	0.3750	0.406	3/8	6.00	4.00	1.00	0.75	77°	0.75

Days to Ship: **6** Days
 * Non-Returnable P. 30

Price

Optional Modification: Part No. **U-IKBF 12 - B 2.875 - X 2.125 - F 4.500 - Y 2.750 - G 11.250 - PP**

Ordering Code: **PP**

Detail: Changes the finish to gray paint primer. Machined surfaces are clear of paint. Available only with U-IKBF.

\$ Price Adder: 10.00

When using Optional Modification, add the "Price Adder" to the standard "Unit Price".

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