

Pivot Bases – π -Shaped–



These π -Shaped Pivot Bases are suitable for pivot / hinge applications. Choose from a variety of styles and sizes to suit your needs.

π -Shaped

Material	Surface Treatment	Type
1045 Steel	Black Oxide	U-HGBPB
	Electroless Nickel Plating	U-HGBPM
304 Stainless Steel	-	U-HGBPS

Material Characteristics P.628, 629

Surface Roughness: Unless otherwise specified $\sqrt{250}$

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.

Type	Part No.			Choose in		\$ Unit Price (Qty. 1~4)		
	Callout	Nominal	Tolerance	0.001" Increments		U-HGBPB	U-HGBPM	U-HGBPS
				H	W			
U-HGBPB U-HGBPM U-HGBPS	0.13	1/8	0.1255 0.1250	0.750 ~ 1.000	0.125 ~ 0.375	27.30	30.10	42.50
	0.19	3/16	0.1880 0.1875	1.000 ~ 1.250	0.250 ~ 0.625	30.30	33.30	48.30
	0.25	1/4	0.2506 0.2500	1.000 ~ 1.250	0.250 ~ 0.500	30.50	33.70	48.60
	0.38	3/8	0.3756 0.3750	1.250 ~ 1.500	0.375 ~ 1.125	36.30	40.00	59.90
	0.50	1/2	0.5007 0.5000	1.250 ~ 1.500	0.500 ~ 1.125	40.60	44.70	67.70
	0.63	5/8	0.6257 0.6250	1.375 ~ 1.750	0.625 ~ 1.125	48.00	52.80	80.50
0.75	3/4	0.7508 0.7500	1.500 ~ 2.000	0.750 ~ 1.250	59.00	64.90	92.70	

Order Example

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

Part No. — **H** — **W**

Type **D**

U-HGBPB 0.50 — H1.281 — W0.531

Technical Information

D	A	F	B	E	K	S	T	d	
								Dia.	Compatible Bolt
0.13	1.250	1.000	H + 0.250	0.625	0.375	0.250	0.375	0.154	# 6
0.19	2.000	1.625	H + 0.250	1.000	0.500	0.250	0.500	0.180	# 8
0.25	2.000	1.625	H + 0.313	1.250	0.500	0.250	0.500	0.206	#10
0.38	3.000	2.500	H + 0.375	2.000	0.563	0.375	0.625	0.281	1/4
0.50	3.250	2.625	H + 0.375	2.000	0.563	0.375	0.750	0.344	5/16
0.63	3.250	2.625	H + 0.500	2.000	0.625	0.625	0.875	0.344	5/16
0.75	4.000	3.250	H + 0.563	2.500	0.750	0.625	1.000	0.406	3/8

Days to Ship **8** Days
Non-Returnable P.30

Price

Quantity Discount Rate

Quantity	1-4	5-9	10-19	20~
Rate	—	5%	10%	15%

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

Optional Modification

Part No. — **H** — **W** — (Ordering Code)
Type **D**

U-HGBPB 0.50 — H1.281 — W0.531 — TC

Detent Tapping
 π -Shaped

Optional Modification: Adds detent tapping at one place. [Ordering Code] TC
(E - W)/2 \geq Major Dia. + 0.079 is necessary.

D	N (Thread)	Major Dia.
0.13	#5-40	0.125
0.19	#6-32	0.138
0.25	#8-32	0.164
0.38	#8-32	0.164
0.50	#10-32	0.190
0.63	#10-32	0.190
0.75	1/4-20	0.250

Ordering Code: **TC**

Detail: \$Price Adder 5.00

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

