

# Gibs



The Gibs are available in nickel plated carbon steel that improves the sliding characteristics of the component. The width and depth of the sliding slot are designed to help you with your choice of dictating a fine running clearance. For best results the sliding component may be manufactured out of a heat treated tool steel or hard coated material. They are available with clearance mounting holes, where you can use the mounting surface as your cover, and with threaded holes, where you can implement the top cover from the next page. See the application examples on the next page.

Material	Surface Treatment	Hardness	Type	
			C-bored	Tapped/C-bored
1045 Steel	Electroless Nickel Plating	HV500-	U-SGRA	U-SGRB

Material Characteristics P.628

**C-bored**

**Tapped / C-bored**

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.			Selection (Callout) S				Selection (Callout) A					\$ Unit Price (Qty. 1-4)		
	Callout	Nominal	Tolerance	1/2	5/8	3/4	7/8	1-1/2	2"	2-1/2	3"	4"	5"	U-SGRA	U-SGRB
U-SGRA U-SGRB	0.50	1/2	0.501 0.500	0.50				1.50	2.00					68.00	72.80
	0.75	3/4	0.751 0.750		0.63	0.75			2.00	2.50				76.30	82.60
	1.00	1"	1.001 1.000		0.63	0.75				2.50	3.00	4.00		91.80	96.70
	1.50	1-1/2	1.501 1.500			0.75	0.88				3.00	4.00	5.00	120.50	124.20

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

Part No. S A

Type W

U-SGRA 0.50 - S 0.50 - A 1.50

### Technical Information

W	B	G	X	Y	d1	d2	h	T (Thread)		S	
								Size	Depth	Callout	Actual
0.50	1.375	0.875	0.250	0.875	0.375	0.206	0.206	#8-32	0.328	0.50	0.500
0.75	2.000	1.250	0.375	1.375	0.438	0.281	0.281	#10-32	0.380	0.63	0.625
1.00	2.375	1.250	0.375	1.750	0.438	0.281	0.281	#10-32	0.380	0.75	0.750
1.50	3.000	1.500	0.500	2.250	0.531	0.344	0.344	1/4-20	0.500	0.88	0.875

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. S A (Ordering Code)

Type W

U-SGRA 0.50 - S 0.50 - A 1.50 - NC

**Optional Modification**

**Dowel Hole Modification**

**Ordering Code** NC

Detail	W	d (dependent on A)					d	Y1
		1-1/2	2"	2-1/2	3"	4"		
0.50	0.3750	0.8125				0.1875	0.1875	
0.75		0.4375	0.9375			0.2500	0.3125	
1.00			0.9375	1.4375	2.4375	0.2500	0.3750	
1.50				1.0000	2.0000	3.0000	0.3125 0.3750	

**\$ Price Adder** 10.00

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

# Gib Covers



The Gib Covers are configured to work with the Gibs from the previous page. Compare the "W" and the "A" dimensions when designating the part numbers. They are made out of a nickel plated carbon steel.

Material	Surface Treatment	Hardness	Type
1045 Steel	Electroless Nickel Plating	HV500-	U-SGCB

Material Characteristics P.628

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.		Selection (Callout) A					Selection (Callout) G			\$ Unit Price (Qty. 1-4)			
	Callout	Nominal	1-1/2	2"	2-1/2	3"	4"	5"	1/4	3/8	1/2	60.25	60.38	60.50
U-SGCB	0.50	1/2	1.50	2.00					0.25	0.38	0.50	18.20	18.70	19.00
	0.75	3/4		2.00	2.50				0.25	0.38	0.50	20.20	20.50	21.00
	1.00	1"			2.50	3.00	4.00		0.25	0.38	0.50	23.80	24.20	24.80
	1.50	1-1/2				3.00	4.00	5.00	0.25	0.38	0.50	30.00	30.70	31.50

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

Part No. A G

Type W

U-SGCB 0.50 - A 1.50 - G 0.25

### Technical Information

W	B	X	Y	d2	G	
					Callout	Actual
0.50	1.375	0.250	0.875	0.180	0.25	0.250
0.75	2.000	0.375	1.375	0.206	0.38	0.375
1.00	2.375	0.375	1.750	0.206	0.50	0.500
1.50	3.000	0.500	2.250	0.281		

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

