



## Pitbull Low-Profile Clamps

Workholding clamps have a low gripping profile that generates high clamping forces compared to other compact clamps. Use Blunt Edge models for general purpose applications. Knife Edge models are your best choice for aggressive stock removal.

Clamp Type	Holding Force	Thread Size	Thread Length	Dia.	Overall Depth/Width	Item No.
SAE	200 lb	#4-40	3/8 in	1/64"	3/8"	34CV67
	400 lb	#8-32	1/2 in	1/64"	1/2"	34CV70
	650 lb	#4-40	3/8 in	3/64"	3/8"	34CV66
	1500 lb	#8-32	1/2 in	1/64"	1/2"	34CV69
	3600 lb	1/4-20	3/4 in	3/4"	3/4"	34CV72
	6000 lb	3/8-16	1 in	3/8"	1"	34CV75
	12,000 lb	1/2-13	1 1/4 in	1/2"	1 1/2"	34CV77
	1500 lb	#8-32	1/2 in	1/64"	1/2"	34CV68
	3600 lb	1/4-20	3/4 in	3/4"	3/4"	34CV71
	6000 lb	3/8-16	1 in	3/8"	1"	34CV74
12,000 lb	1/2-13	1 1/4 in	1/2"	1 1/2"	34CV76	
Metric	4200 N	M6	16.00mm	6mm	19.05mm	34CV86
	6500 N	M4	12.00mm	4mm	12.70mm	34CV82
	16,000 N	M6	16.00mm	6mm	19.05mm	34CV85
	2800 N	M2.5	8.00mm	2.50mm	9.52mm	34CV78



2YJJ6

Thread Size (in.)	Table Slot Size	Base Length (in.)	Item No.
1/4-20	3/16 in	3/16	2YJJ6
3/16-18	3/16 in	1/8	2YJJ7
3/8-16	1/16 in	1/8	2YJK7
	1/8 in	1/8	2YJK8
	3/16 in	1/8	2YJK9
1/2-13	3/16 in	1 1/8	2YJL1
	3/8 in	1 1/8	2YJL2
3/4-10	1/2 in	1 3/4	2YJL3
	5/8 in	1 3/4	2YJL4
	1 1/8 in	1 3/4	2YJL5
	1 1/2 in	1 3/4	2YJL6
1-8	3/4 in	1 1/2	2YJL7
	7/8 in	1 1/2	2YJL8
1-8	1 1/8 in	2	2YJK1

## T-Slot Nuts

Durable, case-hardened, black oxide finish. Last thread is incomplete to prevent stud from turning through the bottom of the nut. Undersized to fit machine table slot.



Swing Bolt

Eye Bolt

## Swing Bolts and Eyebolts

Steel bolts with black oxide finish. Reamed hole allows for smooth bearing surface. Use as a stationary hinge-pivot point, with a shoulder for positive stop location.

Thread Size (in.)	Ream (in.)	Length from Ream Center (in.)	Item No.	Thread Size	Eye Inside Dia.	Length from Ream Center	Item No.
<b>Swing Bolts</b>				<b>Eyebolts</b>			
1/4-20	1/4	1 1/2	2YJP1	1/4-20	3/16 in	2 in	2YJL8
	1/4	2 1/2	2YJK2		3/16 in	3 in	2YJL9
	1/4	2 3/4	2YJK3	5/16-18	1/4 in	3 in	2YJN1
3/16-18	3/16	2	2YJK4		5/16 in	3 in	2YJN2
	3/16	2 1/2	2YJP2	3/8-16	3/8 in	3 in	2YJN3
	3/16	3 1/2	2YJK5		3/8 in	3.75 in	2YJN4
3/8-16	3/8	2 1/2	2YJK6		3/8 in	5 in	2YJN5
	1/2	3 1/2	2YJP3	1/2-13	3/8 in	3.75 in	2YJN6
	1/2	4 1/2	2YJP4		3/8 in	5 in	2YJN7
3/4-10	3/4	4 1/2	2YJK6		3/8 in	4.5 in	2YJN8
				3/8-11	3/8 in	6 in	2YJN9
				3/4-10	3/4 in	4.5 in	2YJN5



## Step Blocks

Work with serrated end clamps to provide clamp support. Larger sizes have chamfered holes to tolerate more shock.

Size	Range	Item No.
1" Thick	3/4 to 1 1/8"	2YGR3
	1 1/8 to 2 1/2"	2YGR4
	2 1/2 to 6"	2YGR5
1 1/2" Thick	1 1/4 to 4"	2YGR6
	2 1/2 to 6"	2YGR7
	3 1/2 to 9"	2YGR8
2" Thick	1 3/4 to 4"	2YGR9
	2 1/2 to 6"	2YGT1
	3 1/2 to 9"	2YGT2



2YGR3



Flange Nut

Swivel Flange Nut

Spherical Flange Nut Assembly

## Flange Nuts

**Flange**—Case-hardened steel with black oxide finish, or stainless steel.

**Swivel Flange**—Head rotates while washer remains stationary. Hold rigidly on contact, without marring workpiece.

**Spherical Flange**—Design compensates for slight misalignment of clamp to workpiece to provide proper clamping force. Assemblies include flange nut and spherical washer.

Thread Size	Hex Width (in.)	Flange Nuts Steel		Flange Nuts Stainless Steel		Swivel Flange Nuts Steel	
		Height (in.)	Item No.	Height (in.)	Item No.	Height (in.)	Item No.
1/4-20	1/2	3/16	2YHE1	3/16	2YJC1	3/8	2YHH2
3/16-18	3/8	3/8	2YHE2	3/8	2YJC2	—	—
3/8-16	1/2	1/2	2YHE3	1/2	2YJC3	1 1/32	2YHH4
1/2-13	7/8	1 1/8	2YHE4	1 1/8	2YJC4	23/32	2YHH5
3/4-11	1 1/8	1 3/8	2YHE5	1 3/8	2YJC5	29/32	2YHH6
3/4-10	1 1/4	1	2YHE6	1	2YJC6	1 1/64	2YHH7
1-8	1 1/2	1 1/4	2YHE8	—	—	1 1/64	2YHH8

Thread Size	Hex Size (in.)	Height (in.)	Item No.	STEEL Item No.
<b>Spherical Flange Nut Assemblies</b>				
3/8-16	1 1/8	0.66	2YHF9	2YHG7
1/2-13	1 1/2	0.879	2YHG1	2YHG8
3/4-11	1 3/8	1.043	2YHG2	2YHG9
1-8	1 1/2	1.269	2YHG3	2YHH1
1-8	1 1/2	1.544	2YHG4	—



## Washers

Flat washers prevent marring to object by distributing load that nut applies to clamp or workpiece.



Steel

Washer Outside Dia.	Washer Inside Dia.	Steel		Stainless Steel	
		Thickness	Item No.	Thickness	Item No.
3/8 in	1/8 in	0.078 in	787RC6	0.078 in	787RF0
3/8 in	5/32 in	0.078 in	787RC7	0.078 in	787RF1
7/16 in	3/16 in	0.078 in	787RC8	0.078 in	787RF2
1/2 in	13/64 in	0.094 in	787RA4	0.094 in	787RD8
3/8 in	9/32 in	0.125 in	787RA5	0.125 in	787RD9
	11/32 in	0.188 in	787RC9	—	—
3/4 in	11/32 in	0.125 in	787RA6	0.125 in	787RE0
	13/32 in	0.188 in	787RD0	—	—
7/8 in	13/32 in	0.125 in	787RA7	0.125 in	787RE1
	15/32 in	0.188 in	787RD1	—	—
1 in	15/32 in	0.125 in	787RA8	0.125 in	787RE2
	17/32 in	0.188 in	787RD2	—	—
1 1/8 in	17/32 in	0.125 in	787RA9	0.125 in	787RE3
	19/32 in	0.188 in	787RD3	—	—
1 1/4 in	21/32 in	0.125 in	787RC0	0.125 in	787RE4
	23/32 in	0.188 in	787RD4	—	—
1 1/2 in	25/32 in	0.156 in	787RC1	0.156 in	787RE5
	27/32 in	0.25 in	787RD5	—	—
1 3/4 in	29/32 in	0.156 in	787RC2	0.156 in	787RE6
	29/32 in	0.25 in	787RD6	—	—
2 in	1 1/32 in	0.188 in	787RC3	0.188 in	787RE7
	1 1/8 in	0.281 in	787RD7	—	—
2 1/4 in	1 3/32 in	0.219 in	787RC4	0.219 in	787RE8
2 1/2 in	1 3/32 in	0.281 in	787RC5	0.281 in	787RE9