

CNC Bar Pullers



Combo CNC Bar Pullers

Cut-Off Blade & Insert

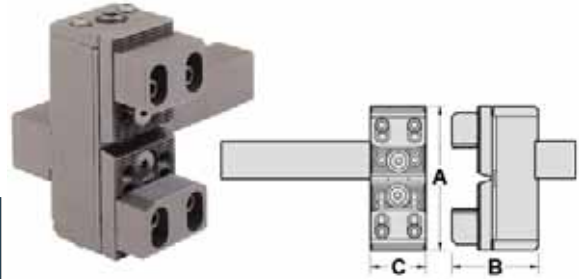
Bar puller accepts many popular brands of holders, but must be slightly modified

Bar Puller Shank Size (Inch)	Code
1/2 or 3/4	217056
1	217057



Heavy-Duty CNC Bar Pullers

- Gripping range from 1/8" to 6-1/2" (extra capacity jaws sold separately)
- Gripping force is easily adjusted by altering spring pressure
- Jaws have two gripping surfaces: one side is serrated for increased gripping power, the other side is smooth to help prevent marking
- Smooth side is also used when pulling small diameter stock
- Very easy to set up and use
- Each unit comes with one set of standard jaws and one blank spindle bushing



Shank Size (Inch)	Gripping Range Standard Jaws (Inch)	Gripping Range Extra Capacity Jaws (Inch)	A (Inch)	B (Inch)	C (Inch)	Code
3/4 sq.	1/8-2-1/4	1-7/8-3-3/4	3-7/8	2-9/16	1-1/2	217058
1 sq.	1/8-2-1/4	1-7/8-3-3/4	3-7/8	2-9/16	1-1/2	217059
1 sq.	1/8-3-1/2	1-7/8-5-3/8	4-3/4	2-9/16	1-1/2	217060
1 sq.	1/8-3-5/8	1-7/8-5-1/2	5	2-3/4	1-3/4	217061
1 sq.	1/8-4-7/8	1-7/8-6-1/2	6-3/4	2-3/4	1-3/4	217062

Lathe Mandrels

- Designed for setting up accurately bored or reamed blanks and castings for pulleys, handwheels or hubs, on centers, so that the outside diameter can be turned concentrically with the axis of the hole to which the mandrel is fixed
- Made of hardened steel and accurately ground to size
- Slightly tapered with the size marked at the large end
- Standard taper 0.0005" per inch
- Sizes under 1" are 0.0005" undersize on small end
- Sizes 1-1/16" to 3" are 0.001" undersize on small end



Diameter (Inch)	Length (Inch)	Code	Diameter (Inch)	Length (Inch)	Code	Diameter (Inch)	Length (Inch)	Code
1/8	2-1/2	166101	11/16	5-3/4	166119	1-1/2	9	166137
5/32	3	166102	23/32	6	166120	1-9/16	9-1/4	166138
3/16	3	166103	3/4	6	166121	1-5/8	9-1/2	166139
7/32	3-3/4	166104	25/32	6-1/4	166122	1-11/16	9-3/4	166140
1/4	3-3/4	166105	13/16	6-1/4	166123	1-3/4	10	166141
9/32	4	166106	27/32	6-1/2	166124	1-13/16	10-1/4	166142
5/16	4	166107	7/8	6-1/2	166125	1-7/8	10-1/2	166143
11/32	4-1/4	166108	29/32	6-3/4	166126	1-15/16	10-3/4	166144
3/8	4-1/4	166109	15/16	6-3/4	166127	2	11	166145
13/32	4-1/2	166110	31/32	7	166128	2-1/8	11-1/2	166146
7/16	4-1/2	166111	1	7	166129	2-1/4	12	166147
15/32	5	166112	1-1/16	7-1/4	166130	2-3/8	12	166148
1/2	5	166113	1-1/8	7	166131	2-1/2	12-1/2	166149
17/32	5-1/4	166114	1-3/16	7-3/4	166132	2-5/8	12-1/2	166150
9/16	5-1/4	166115	1-1/4	8	166133	2-3/4	13	166151
19/32	5-1/2	166116	1-5/16	8-1/4	166134	2-7/8	13	166152
5/8	5-1/2	166117	1-3/8	8-1/2	166135	3	13	166153
21/32	5-3/4	166118	1-7/16	8-3/4	166136			