

1-800-GRAINGER (472-4643)



Punches

Tools use their tip to pierce, mark, or position parts and materials.

Hole Making—Pierce material with their sharp cutting head to create a hole. They provide an alternative to drilling when working with thin materials that may warp, bind, or split if they are drilled.

Centering and Marking—Used to make an indentation that marks the spot to drill a hole in a workpiece. This starting point guides drill bits to improve the quality of drilled holes and prevent bits from drifting and marring surfaces.

Pin Loosening and Removing—Can dislodge and pull out pins, rivets, bushings, and other parts. They are typically struck on their shank to provide ample force to loosen and remove the pins.

Hole Aligning—Tools slide through holes in stacked parts or layers of material to align the holes for inserting a fastener. Their long, slim body presses into each hole and shifts it into alignment with the other holes.



**Hole Making Punch
36GN93**

Creates Hole Dia.	Overall Length	No. of Pieces	Brand	Item No.
Hole Making Punches				
Arch Punches				
1/4 in	4 1/2 in	—	General Tools	36GN92
1/2 in	4 1/2 in	—	General Tools	36GN93
5/8 in	5 in	—	General Tools	36GN94
3/4 in	5 in	—	General Tools	36GN96
1 in	5 in	—	General Tools	36GN99
Gasket Punch Sets				
1/8 in, 3/16 in, 1/4 in, 5/16 in, 3/8 in, 7/16 in, 1/2 in, 5/8 in, 3/4 in, 7/8 in, 1 in, 1 1/8 in, 1 1/4 in, 1 3/8 in	1/2 in, 3/4 in, 1 in, 4 3/4 in	16	Mayhew	5MM17



**Snap-Lock
Punch
5KNV8**



**Stud Punch
1ED79**

Creates Hole Size	Maximum Material Thickness	Maximum Jaw Opening	Overall Length	Brand	Item No.
Hole Making Punches					
Snap-Lock Punches					
1/4 to 3/8 in	Aluminum: 0.035 in	3/8 in	8 in	Malco	5KNV8
Stud Punches					
1 1/2 in	—	2 1/2 in	20 in	Greenlee	4A735
2 3/8 in	—	2 1/8 in	23 in	Greenlee	1ED79



**Centering & Marking Punches
2ZVE9**

Grip Style	Shank Shape	Shank Width/Dia.	Overall Length	Tip Size (in)	Brand	Item No.
Centering & Marking Punches						
Automatic Centering Punches						
Knurled	Round	1/4 in	6 in	—	Tesa Brown & Sharpe	38P071
Knurled	Round	1/2 in	5 in	—	Westward	2YNE9
Knurled	Round	1/2 in	5 in	1/16	General Tools	6C492
Knurled	Round	3/8 in	4 in	—	Starrett	2ZVE8
Knurled	Round	3/8 in	5 in	1/64	Starrett	2ZVE9
Knurled	Round	3/8 in	5 in	1/64	Starrett	2ZVF4
Knurled	Round	3/8 in	5 1/2 in	3/64	General Tools	3G835
Knurled	Round	3/8 in	5 in	7/8	General	3G833
Knurled	Round	5/8 in	6 in	—	Westward	2YNF1
Knurled	Round	5/8 in	6 in	—	Westward	2YNF2
Knurled	Round	1 1/8 in	5 1/4 in	—	Starrett	2ZVF2
Centering Punches						
Knurled	Round	—	5 in	5/8	Starrett	793UL9
Knurled	Round	3/16 in	4 in	3/32	Starrett	26Y851
Knurled	Round	3/16 in	4 in	1/4	Starrett	26Y852
Knurled	Round	1/8 in	4 in	1/4	Starrett	26Y854
Knurled	Round	1/2 in	4 in	—	Tesa Brown & Sharpe	32UT55
Knurled	Square	23/64 in	3 in	1/16	Starrett	26Y855
Plain	Hexagon	3/8 in	5 in	3/8	Proto	3R103
Plain	Hexagon	1/2 in	5 3/4 in	1/2	Proto	3R105
Plain	Hexagon	5/8 in	7 in	1/2	Westward	2ADJ4
Non-Sparking Centering Punches						
Plain	Hexagon	3/8 in	8 1/2 in	3/16	Ampco	49UG93
Plain	Hexagon	1 in	10 in	1/2	Ampco	49UG95
Plain	Round	1 5/16 in	8 in	23/64	Ampco	21XV76
Prick Punches						
Knurled	Round	3/8 in	4 in	5/32	Starrett	30A652
Plain	Hexagon	1/2 in	6 in	1/8	Mayhew	41GK54
Transfer Punches						
Plain	Round	—	5 in	5/8	Westward	22N822
Plain	Round	—	5 in	13/16	Westward	22N834
Plain	Round	—	5 in	15/16	Westward	22N842



**Pin Loosening
1Q759**

Tip Dia.	Shank Width (in)	Shank Shape	Taper Length	Overall Length (in)	Tip Type	Brand	Item No.
Pin Loosening & Removing Punches							
Bearing Race Punches							
1/2 in	1/16	Hexagon	1 3/4 in	10	Point	Mayhew	38GN77
3/4 in	1/8	Hexagon	2 in	20	Point	Mayhew	38GN78
Flat-Tip Pin Removing Punches							
1/16 in	—	Round	—	4	Flat	Starrett	22VK1
1/16 in	1/4	Hexagon	—	4 1/4	Flat	Proto	10742
3/32 in	—	Round	—	4	Flat	Starrett	22VK2
3/32 in	1/4	Hexagon	—	4 1/2	Flat	Proto	10745
1/8 in	—	Round	—	4	Flat	Starrett	22VK3
1/8 in	—	Round	—	8	Flat	Starrett	22VJ1
1/8 in	5/16	Hexagon	—	4 3/4	Flat	Proto	10740
1/8 in	5/16	Hexagon	—	5 1/4	Flat	Proto	3R114
1/8 in	3/8	Hexagon	4 in	8	Flat	Westward	2AJE4
3/32 in	—	Round	—	4	Flat	Starrett	22VK4
3/32 in	5/16	Hexagon	—	5	Flat	Proto	10748
3/32 in	3/8	Hexagon	—	8	Flat	Proto	10749
3/16 in	—	Round	—	8	Flat	Starrett	22VJ2
3/16 in	3/8	Hexagon	4 in	8	Flat	Westward	2AJE6
3/16 in	3/8	Hexagon	—	5 1/4	Flat	Proto	10743
3/16 in	3/8	Hexagon	—	16	Flat	Proto	3R094
1/4 in	—	Round	—	8	Flat	Starrett	22VJ3
1/4 in	7/16	Hexagon	—	5 3/4	Flat	Proto	10738
1/4 in	1/2	Hexagon	—	8	Flat	Proto	10739
3/8 in	3/8	Hexagon	—	6 1/2	Flat	Proto	10741
Flat-Tip Pin Removing Punches with Handle							
3/8 in	—	—	1 in	14	—	Ampco	21XV14
1/2 in	—	—	1 in	15	—	Council Tool	12N158
1/2 in	—	—	1 in	14	—	Ampco	21XV13
5/8 in	—	—	1 in	15	—	Council Tool	12N159
5/8 in	—	—	1 in	14	—	Ampco	46C054
3/4 in	—	—	1 in	15	—	Council Tool	12N160
7/8 in	—	—	1 in	15	—	Council Tool	12N161
1 in	—	—	1 in	15	—	Council Tool	12N157
Non-Sparking Flat-Tip Pin Removing Punches							
1/8 in	—	Round	—	4	Flat	Starrett	3AET3
1/4 in	—	Round	—	8	Flat	Starrett	3AER6
3/8 in	—	Round	—	8	Flat	Starrett	3AER8
Pin Loosening Punches							
3/32 in	1/4	Hexagon	—	5	Flat	Proto	3R120
1/8 in	5/16	Hexagon	—	5 1/4	Flat	Proto	3R121
3/8 in	1/2	Hexagon	2 1/4 in	6 1/2	Flat	Mayhew	38GN96
Roll-Pin Removing Punches							
1/16 in	1/4	Hexagon	—	3 3/4	Ball	Proto	10762
3/32 in	1/4	Hexagon	—	4 1/4	Ball	Proto	10764
1/8 in	5/16	Hexagon	—	4 3/4	Ball	Proto	10760
3/32 in	5/16	Hexagon	—	5 1/4	Ball	Proto	10768
3/16 in	3/8	Hexagon	2 1/2	5 1/2	Ball	Westward	2AJG1
3/16 in	3/8	Hexagon	—	5 1/2	Ball	Proto	10763
1/4 in	1/2	Hexagon	—	6 1/2	Ball	Proto	10759
3-mm	—	Round	2 in	4	Ball	Mayhew	22KK81



**Hole Aligning Punch
31MA13**

Tip Size (in)	Tip Type	Shank Width	Shank Shape	Taper Length	Overall Length (in)	Brand	Item No.
Hole Aligning Punches							
Bull Pins							
1/4	Ball	1 1/4	Round	9 1/4 in	10	Westward	31MA14
1/4	Point	—	Round	9 in	10	Klein Tools	58UR95
1/4	Point	1 1/4	Round	9 in	10	Klein Tools	335D04
5/16	Ball	1 1/8	Round	12 1/2 in	13 3/4	Westward	31MA13
5/16	Point	—	Round	13 in	13 3/4	Klein Tools	58UR94
5/16	Point	1 1/4	Round	12 in	13 3/4	Klein Tools	335D05
7/16	Ball	1 3/16	Round	10 1/2 in	12	Westward	31MA18
7/16	Flat	—	Round	8 in	12	Klein Tools	2DFJ9
Double-Sided Aligning Punches							
1/16, 13/16	Ball	—	Round	2 1/2 in	8	Westward	31MA15
1/2, 15/16	Ball	—	Round	2 1/2 in	8	Westward	31MA16
Extra-Long Aligning Punches							
3/16	Flat	3/8	Hexagon	8 in	16	Westward	2AJB5
1/4	Point	3/8	Hexagon	—	16	Proto	6DJV6
1/4	Flat	3/4	Hexagon	9 in	18	Westward	2AJB7
5/16	Flat	3/4	Hexagon	9 in	18	Westward	2AJB6
1/2	Flat	7/8	Hexagon	9 in	18	Westward	2AJB8
Non-Marring Aligning Punches							
1/2	Point	1/2	Hexagon	—	8	Proto	10802
3/4	Point	—	Round	—	12	Proto	6XVR7
3/4	Point	—	Round	—	8	Proto	6XV70
Non-Sparking Aligning Punches							
5/16	Flat	13/16	Hexagon	—	8	Ampco	4RPL8
1/2	Flat	15/16	Hexagon	—	10	Ampco	4RPL9
3/8	Flat	1 1/8	Hexagon	—	10	Ampco	4RPN1
Non-Sparking Double-Sided Aligning Punches							
9/16	Flat	1 1/16	Hexagon	—	8	Ampco	46C019
11/16	Flat	1 3/16	Hexagon	—	8	Ampco	4RPN5
13/16	Flat	1 5/16	Hexagon	—	8	Ampco	21XV52
Standard Aligning Punches							
1/8	Point	5/16	Hexagon	—	10	Proto	3R154
3/16	Point	3/8	Hexagon	—	10	Proto	3R155
1/4	Flat	1/2	Hexagon	5 in	10	Westward	2AJC3
1/4	Point	1/2	Hexagon	—	10	Proto	3R157
5/16	Point	13/32	Hexagon	—	10	Proto	3R158
3/8	Flat	3/4	Hexagon	5 in	10	Westward	2AJC5
3/8	Point	23/32	Hexagon	—	10	Proto	3R159
3/8	Point	3/4	Hexagon	—	10	Proto	6DJY3