

1-800-GRAINGER (472-4643)

Additional reamer sizes and types are available on Grainger.com®.



Taper Pin Reamers

- High-speed steel
- Bright (uncoated) finish

Taper pin reamers enlarge, finish, or shape holes for a precise fit when installing taper pins into the hole. They have a 1/4" taper to the foot and are made from high-speed steel, which offers good wear resistance in general purpose metalworking applications.

Helical—Reduce the size of the chips created during reaming and prevent chips from packing in the flutes. Operated with a machine such as a drill press, lathe, or screw machine.

Spiral—Pull chips out of the hole during reaming, which helps prevent damage to the reamers and workpiece. Suitable for reaming applications with blind holes and interrupted cuts. Operated with a machine such as a drill press, lathe, or screw machine.

Straight—Push chips forward into the hole and are the most commonly used style of reamer. Operated with a tap wrench, adjustable wrench, or vise.



High-Speed Steel Bridge Reamers

Bridge reamers install into compatible power tools to enlarge, debur, and finish holes in structural materials to a specific size. They have tapered flutes that ease their entry into rough-cut or misaligned holes. Designed for reaming difficult-to-machine materials such as iron and structural steel in applications where extreme precision is not required. Also commonly used to ream rivet holes in parts for automobile, bridges, rail cars, ships, and pressure vessels.

HEX NUT SHANK

Hex nut keeps the reamer securely in place in tools that have a square drive. Typically used to ensure the reamer won't come loose when it's used in a power tool that is being operated at a high location. **Hex nut shank with safety magnet** also have a magnet on the shank and provide a stronger hold than reamers that are secured with only a hex nut.

MORSE TAPER SHANK

Can be directly inserted into the spindle of a compatible tool or into an adapter such as a Morse taper sleeve or socket. This maximizes efficiency when installing and removing the reamers. These reamers provide accurate centering, and their self-locking taper shank is held in place by the friction between the shank and the toolholder.

STRAIGHT SHANK

Straight shank reamers with safety collars prevent the reamer from going too deep into the workpiece. **Straight shank reamers with three flats** are used in pneumatic or electric power tools.

Size	Decimal	Flute Length	Overall Length	Shank Dia.	Item No.
Hex Nut Shank, Black Oxide					
3/16 in	- 0.5625	5 3/8 in	6 3/8 in	1 1/8 in	13H855
1/4 in	- 0.6875	4 1/2 in	6 3/8 in	1 1/8 in	13H856
1/2 in	- 0.6875	7 1/8 in	9 1/4 in	1 1/8 in	13H857
3/8 in	- 0.8125	5 in	7 in	1 1/4 in	13H858
1/2 in	- 0.8125	7 3/8 in	9 3/8 in	1 1/4 in	13H859
15/16 in	- 0.9375	5 in	7 in	1 1/8 in	13H860
15/16 in	- 0.9375	7 3/8 in	9 3/8 in	1 1/8 in	13H861
1 1/16 in	- 1.0625	7 3/8 in	9 3/8 in	1 3/16 in	13H863
Hex Nut Shank with Safety Magnet, Black Oxide					
3/8 in	- 0.625	4 1/2 in	6 in	1 1/8 in	12G353
1/2 in	- 0.6875	4 1/2 in	6 3/8 in	1 1/8 in	12G354
3/4 in	- 0.75	5 in	7 in	1 1/4 in	12G355
13/16 in	- 0.8125	5 in	7 in	1 1/4 in	12G356
7/8 in	- 0.875	5 in	7 in	1 1/4 in	12G357
15/16 in	- 0.9375	5 in	7 in	1 1/4 in	12G358
1 in	- 1.0000	5 in	7 in	1 1/4 in	12G359
1 1/16 in	- 1.0625	5 in	7 in	1 1/4 in	12G360
1 1/8 in	- 1.125	5 in	7 in	1 1/4 in	12G361
1 1/4 in	- 1.25	5 in	7 in	1 3/8 in	12G363
1 1/2 in	- 1.5	7 3/8 in	10 in	2 in	12G367
Morse Taper Shank, Black Oxide					
3/8 in	- 0.375	2 3/4 in	5 1/4 in	MT1	13H785
1/2 in	- 0.5	5 1/4 in	9 in	MT2	13H788
3/8 in	- 0.625	4 1/2 in	8 1/4 in	MT2	13H791
13/16 in	- 0.8125	5 in	9 1/2 in	MT3	13H797
1 1/8 in	- 1.0625	5 in	9 1/2 in	MT3	13H806
1 1/8 in	- 1.125	5 in	9 1/2 in	MT3	13H808
1 1/8 in	- 1.125	7 3/8 in	12 in	MT3	13H807
1 3/8 in	- 1.375	7 3/8 in	13 in	MT4	13H812
1 1/2 in	- 1.5	7 3/8 in	13 in	MT4	13H813
Straight with Safety Collar, Bright (Uncoated)					
3/16 in	- 0.1875	1 3/8 in	3 1/2 in	1/4 in	13H830
3/32 in	- 0.2812	1 1/8 in	4 in	1/4 in	13H833
3/8 in	- 0.375	2 7/8 in	5 in	3/8 in	13H836
7/16 in	- 0.4375	3 1/8 in	5 1/4 in	3/8 in	13H837
1/2 in	- 0.5	3 13/16 in	5 1/4 in	1/2 in	13H838
9/16 in	- 0.5625	4 1/8 in	6 3/4 in	1/2 in	13H839
5/8 in	- 0.625	4 7/8 in	6 3/4 in	1/2 in	13H840
11/16 in	- 0.6875	4 7/8 in	7 in	1/2 in	13H841
3/4 in	- 0.75	4 7/8 in	7 in	1/2 in	13H842
13/16 in	- 0.8125	5 1/8 in	7 1/4 in	1/2 in	13H843
7/8 in	- 0.875	5 1/8 in	7 1/4 in	1/2 in	13H844
15/16 in	- 0.9375	5 1/8 in	7 1/4 in	1/2 in	13H845
1 in	- 1.0000	5 3/8 in	7 1/4 in	1/2 in	13H846
1 1/16 in	- 1.0625	5 3/8 in	7 1/4 in	1/2 in	13H847
1 1/8 in	- 1.125	5 3/8 in	7 1/4 in	1/2 in	13H848
1 3/16 in	- 1.1875	5 3/8 in	7 1/4 in	1/2 in	13H849
1 1/4 in	- 1.25	5 3/8 in	7 1/2 in	1/2 in	13H850
1 3/8 in	- 1.3125	5 3/8 in	7 1/2 in	1/2 in	13H851
1 1/2 in	- 1.375	5 3/8 in	7 1/2 in	1/2 in	13H852
1 3/4 in	- 1.5	5 3/8 in	7 1/2 in	1/2 in	13H853
Straight with Three Flats, Black Oxide					
3/8 in	- 0.375	2 1/2 in	4 3/8 in	3/8 in	13H816
7/16 in	- 0.4375	3 1/4 in	5 3/8 in	1/2 in	13H817
1/2 in	- 0.5	3 3/4 in	5 7/8 in	1/2 in	13H818
9/16 in	- 0.5625	3 3/4 in	5 7/8 in	1/2 in	13H819
5/8 in	- 0.625	4 1/4 in	6 3/8 in	1/2 in	13H820
23/32 in	- 0.6562	4 1/4 in	6 3/8 in	1/2 in	13H821
11/16 in	- 0.6875	4 1/4 in	6 3/8 in	1/2 in	13H822
3/4 in	- 0.75	4 1/2 in	6 7/8 in	1/2 in	13H823
13/16 in	- 0.8125	4 1/2 in	6 7/8 in	1/2 in	13H825
7/8 in	- 0.875	4 1/2 in	6 7/8 in	1/2 in	13H826
15/16 in	- 0.9375	4 1/2 in	6 7/8 in	1/2 in	13H827
1 in	- 1.0000	4 1/2 in	6 7/8 in	1/2 in	13H828
1 1/16 in	- 1.0625	4 1/2 in	6 7/8 in	1/2 in	13H829

For Pin Size	Small End Dia.	Large End Dia.	Shank Dia.	Flute Length	Overall Length	HELICAL FLUTE		STRAIGHT FLUTE		SPIRAL FLUTE	
						Brand	Item No.	Brand	Item No.	Brand	Item No.
Left Hand Spiral											
#0	1/8 in	3/32 in	1/64 in	1 1/16 in	2 15/16 in	—	—	—	—	Yankee	20D595
#1	9/64 in	1/16 in	3/16 in	1 1/16 in	2 15/16 in	Yankee	20D575	—	—	—	—
#2	3/32 in	3/16 in	1/64 in	1 1/16 in	3 1/16 in	Yankee	20D576	—	—	—	—
#2/0	1/8 in	3/64 in	3/32 in	1 3/8 in	2 3/8 in	—	—	—	—	Yankee	20D611
#2/0	7/64 in	9/64 in	3/32 in	1 3/8 in	2 3/8 in	Yankee	20D589	—	—	—	—
#3	3/16 in	7/32 in	1/64 in	2 3/16 in	3 1/16 in	—	—	—	—	Yankee	20D598
#3	1/64 in	7/32 in	1/64 in	2 3/16 in	3 1/16 in	Yankee	20D577	—	—	—	—
#3/0	1/8 in	1/8 in	3/64 in	1 3/8 in	2 3/8 in	—	—	—	—	Yankee	20D612
#4	3/16 in	1/4 in	1/64 in	2 3/16 in	4 3/8 in	Yankee	20D590	—	—	—	—
#4	3/16 in	1/4 in	1/64 in	2 3/16 in	4 3/8 in	—	—	—	—	Yankee	20D599
#4	13/64 in	1/4 in	1/64 in	2 3/16 in	4 3/8 in	Yankee	20D578	—	—	—	—
#4/0	1/8 in	7/64 in	1/8 in	1 3/8 in	2 5/8 in	—	—	—	—	Yankee	20D613
#5	1/4 in	1/64 in	5/16 in	2 13/16 in	4 5/8 in	—	—	—	—	Yankee	20D601
#5	1/64 in	1/64 in	5/16 in	2 13/16 in	4 5/8 in	Yankee	20D579	—	—	—	—
#6	1/4 in	1/32 in	23/64 in	3 3/8 in	5 7/8 in	—	—	—	—	Yankee	20D602
#6	1/64 in	1/32 in	23/64 in	3 3/8 in	5 7/8 in	Yankee	20D580	—	—	—	—
#6/0	1/8 in	3/64 in	3/32 in	1 5/8 in	1 15/16 in	—	—	—	—	Yankee	20D615
#7	5/16 in	21/64 in	13/32 in	4 7/16 in	6 5/16 in	—	—	—	—	Yankee	20D603
#7	21/64 in	21/64 in	13/32 in	4 7/16 in	6 5/16 in	Yankee	20D581	—	—	—	—
#8	3/8 in	1/2 in	7/16 in	5 3/8 in	7 3/8 in	—	—	—	—	Yankee	20D604
#8	29/64 in	1/2 in	7/16 in	5 3/8 in	7 3/8 in	Yankee	20D582	—	—	—	—
#9	1/4 in	11/64 in	9/16 in	6 3/8 in	8 3/8 in	—	—	—	—	Yankee	20D605
#9	19/32 in	41/64 in	9/16 in	6 3/8 in	8 3/8 in	Yankee	20D583	—	—	—	—
#10	9/16 in	23/32 in	3/8 in	6 13/16 in	9 5/16 in	—	—	—	—	Yankee	20D606
#11	11/16 in	7/8 in	3/4 in	8 1/4 in	11 1/4 in	—	—	—	—	Yankee	20D607
#13	1 in	1 1/4 in	1 1/16 in	12 in	16 in	—	—	—	—	Yankee	20D609
Right Hand Spiral											
#0	1/8 in	3/32 in	1/64 in	1 1/16 in	2 15/16 in	—	—	Yankee	20D553	—	—
#1	1/8 in	1/16 in	3/16 in	1 1/16 in	2 15/16 in	—	—	—	—	Cleveland	445N25
#1	9/64 in	1/16 in	3/16 in	1 1/16 in	2 15/16 in	—	—	Yankee	20D554	—	—
#2	3/16 in	3/16 in	13/64 in	1 1/16 in	3 3/16 in	—	—	—	—	Cleveland	445N26
#2	3/32 in	3/16 in	13/64 in	1 1/16 in	3 3/16 in	Cleveland	445M93	—	—	—	—
#2	3/32 in	3/16 in	13/64 in	1 1/16 in	3 3/16 in	—	—	Yankee	20D555	—	—
#2/0	7/64 in	9/64 in	3/32 in	1 3/8 in	2 3/8 in	—	—	Yankee	20D568	—	—
#3	3/16 in	7/32 in	1/64 in	2 3/16 in	3 1/16 in	—	—	—	—	Cleveland	445N27
#3	3/32 in	1/8 in	9/64 in	1 3/8 in	2 3/8 in	—	—	—	—	Cleveland	445N06
#3	1/64 in	7/32 in	1/64 in	2 3/16 in	3 1/16 in	—	—	—	—	Cleveland	445N11
#3	1/64 in	7/32 in	1/64 in	2 3/16 in	3 1/16 in	Cleveland	445M94	Yankee	20D556	—	—
#3/0	3/32 in	1/8 in	9/64 in	1 3/8 in	2 3/8 in	—	—	Yankee	20D569	—	—
#4	3/16 in	1/4 in	1/64 in	2 3/16 in	4 3/8 in	—	—	—	—	Cleveland	445N28
#4	1/64 in	1/4 in	1/64 in	2 3/16 in	4 3/8 in	—	—	—	—	Yankee	20D557
#4	13/64 in	1/4 in	1/64 in	2 3/16 in	4 3/8 in	Cleveland	445M95	Cleveland	445N12	—	—
#4/0	3/64 in	7/64 in	1/64 in	2 3/16 in	4 3/8 in	Cleveland	445M88	—	—	—	—
#5	1/4 in	1/64 in	5/16 in	2 13/16 in	4 5/8 in	—	—	—	—	Cleveland	445N29
#5	19/64 in	1/64 in	5/16 in	2 13/16 in	4 5/8 in	Cleveland	445M96	Yankee	20D558	—	—
#5	19/64 in	1/64 in	5/16 in	2 13/16 in	4 5/8 in	—	—	Cleveland	445N13	—	—
#5/0	1/8 in	3/32 in	7/64 in	1 1/8 in	2 3/8 in	Cleveland	445M87	Yankee	20D571	—	—
#6	1/4 in	1/32 in	23/64 in	3 1/16 in	5 7/8 in	—	—	—	—	Cleveland	445N30
#6	1/64 in	1/32 in	23/64 in	3 1/16 in	5 7/8 in	Cleveland	445M97	Cleveland	445N14	—	—
#6	1/										