



Additional die sizes and materials are available on Grainger.com.

**GEARWRENCH®**



**Die Wrench for Round Dies  
20X630**

## Die Wrenches

Die wrenches hold compatible dies so they can be turned in manual threading tasks. Also known as die stocks, the wrenches have straight handles on both sides that provide leverage when turning the dies.

For Outside Dia.	Overall Length	Brand	Item No.
<b>Die Wrenches For Round &amp; Hex Dies</b>			
1/4 in	9 1/2 in	Gearwrench	41XA79
1/2 in	2 in	Gearwrench	41XU45
<b>Die Wrenches For Round Dies</b>			
1 1/16 in	6 1/4 in	Cleveland	20X630
1 in	9 in	Cleveland	20X723
1 1/2 in	13 3/8 in	Cleveland	20X631
2 in	23 in	Cleveland	19E382
2 1/2 in	29 in	Cleveland	19E383



**Carbon Steel Adjustable  
Round Dies, UNF  
20X706**

## Thread-Making Round Dies

- Right-hand thread direction

Round dies cut new threads or restore existing threads on the outer surfaces of parts so they can be mated with holes or other parts that have matching internal threads. A set screw adjusts the thread depth to over- or under-cut threads for a precise fit.

Thread Size	Die Thickness	Outside Dia.	Brand	Item No.
<b>Carbon Steel Adjustable Round Dies</b>				
<b>UNC</b>				
1/2"-13	3/8 in	1 in	Cleveland	20X703
3/4"-10	1/2 in	1 1/2 in	Cleveland	20X705
<b>UNF</b>				
3/4"-16	1/2 in	1 1/2 in	Cleveland	20X706
<b>High-Speed Steel Adjustable Round Dies</b>				
<b>Metric</b>				
M8x1.25	9.52 mm	25.40mm	Cleveland	20X716
M10x1.5	9.52 mm	25.40mm	Cleveland	20X717
M10x1.50	1/2 in	1 1/2 in	Westward	10T891
M12x1.00	1/2 in	1 1/2 in	Westward	10T893
M14x1.50	1/2 in	1 1/2 in	Westward	10T898
M16x1.50	1/2 in	1 1/2 in	Westward	10T901
M16x2.00	1/2 in	1 1/2 in	Westward	10T902
M20x1.50	3/8 in	2 in	Westward	10T907
M22x1.50	3/8 in	2 in	Westward	10T909
M24x3.00	3/8 in	2 in	Westward	10T913
M30x1.50	3/4 in	2 1/2 in	Westward	10T920
M30x3.50	3/4 in	2 1/2 in	Westward	10T923
<b>UNC</b>				
1/4"-20	3/8 in	1 in	OSG	54LG77
1/4"-20	3/8 in	1 in	Cleveland	20X645
5/16"-18	3/8 in	1 in	Cleveland	20X647
3/8"-16	3/8 in	1 in	OSG	33PC60
3/8"-16	3/8 in	1 in	Cleveland	20X649
3/8"-16	3/8 in	1 1/2 in	Westward	10T752
1/2"-13	1/2 in	1 1/2 in	Cleveland	20X659
1/2"-13	1/2 in	1 1/2 in	OSG	54LH41
1/2"-13	1/2 in	1 1/2 in	Westward	10T756
5/8"-11	1/2 in	1 1/2 in	Cleveland	20X663
3/4"-10	3/8 in	2 in	OSG	54LH58
<b>UNF</b>				
5/16"-18	1/2 in	1 1/2 in	Cleveland	20X662
3/8"-18	1/2 in	1 1/2 in	Cleveland	20X664



## Pipe and Conduit Thread Dies

- Right-hand thread direction
- UNF thread standard

These dies create or repair threads on the outer surfaces of pipe, conduit, or fittings so they can be mated with parts that have matching internal threads. **Fixed** dies create or repair threads in one size.

**Adjustable** dies have a set screw that adjusts the thread depth to over- or under-cut threads for a precise fit.

**High-Speed Steel  
Adjustable  
Round Pipe & Conduit  
54LH84**



Thread Size	Die Thickness	Outside Dia.	Brand	Item No.
<b>Carbon Steel Fixed Round Pipe &amp; Conduit Thread Dies</b>				
1/8"-27	1/2 in	1 1/2 in	Greenfield Threading	53PT11
1/8"-27	3/8 in	1 in	Greenfield Threading	53PT12
1/4"-18	1/2 in	1 1/2 in	Greenfield Threading	53PT10
<b>High-Speed Steel Adjustable Round Pipe &amp; Conduit Thread Dies</b>				
1/4"-18	1/2 in	1 1/2 in	OSG	54LH80
1/4"-18	5/8 in	2 in	OSG	54LH82
3/8"-18	1/2 in	1 1/2 in	OSG	54LH81
1/2"-14	5/8 in	2 in	OSG	54LH84



**IRWIN.  
HANSON.**

**Carbon Steel  
Hex Die  
UNF  
20X666**



## Thread-Repair Hex Dies

- Right-hand thread direction

Hex dies repair damaged, worn, or rusted threads on the outer surfaces of parts so they can be mated with holes or other parts that have matching internal threads. They can be turned with a standard wrench or a compatible die wrench. **Self-aligning** dies have a plate that aligns the die when it's placed on a part to help prevent cross threading.

Thread Size	Die Thickness	Hex Size	Brand	Item No.
<b>Carbon Steel Hex Dies</b>				
<b>UNC</b>				
1/4"-20	1/4 in	0.5344 in	Cleveland	20X665
5/16"-18	5/16 in	0.6188 in	Cleveland	20X667
3/8"-16	3/8 in	0.7031 in	Cleveland	20X669
3/8"-16	3/8 in	7/32 in	Westward	10T943
7/16"-14	7/16 in	0.7875 in	Cleveland	20X671
1/2"-13	1/2 in	0.9563 in	Cleveland	20X673
1/2"-13	1/2 in	1 1/8 in	Westward	10M967
5/8"-11	5/8 in	1 1/8 in	Cleveland	20X677
3/4"-10	3/4 in	1.2938 in	Cleveland	20X679
3/4"-10	3/4 in	1 7/16 in	Westward	10M975
1"-8	1 in	1.6313 in	Cleveland	20X683
1"-8	1 in	1 13/16 in	Westward	10M978
1 1/8"-7	1 in	1.8000 in	Cleveland	20X685
1 1/4"-7	1 in	1.9686 in	Cleveland	20X687
<b>UNF</b>				
1/4"-28	1/4 in	0.5344 in	Cleveland	20X666
3/8"-24	3/8 in	0.7031 in	Cleveland	20X670
1/2"-20	1/2 in	0.9563 in	Cleveland	20X674
5/8"-18	5/8 in	1 1/8 in	Cleveland	20X678
3/4"-16	3/4 in	1.2938 in	Cleveland	20X680
<b>Carbon Steel Self-Aligning Hex Dies</b>				
<b>NC</b>				
5/16"-18	3/8 in	1 in	Irwin Hanson	19T165
1/2"-13	1/2 in	1 in	Irwin Hanson	19T171
5/8"-11	3/8 in	1 in	Irwin Hanson	19T175
1"-8	3/8 in	1 13/16 in	Irwin Hanson	19T181
<b>NF</b>				
#10-32	3/8 in	1 in	Irwin Hanson	19T161
5/8"-18	3/8 in	1 in	Irwin Hanson	19T176
3/4"-16	3/8 in	1 in	Irwin Hanson	19T178
7/8"-14	3/8 in	1 13/16 in	Irwin Hanson	19T180
1"-14	3/8 in	1 13/16 in	Irwin Hanson	19T182