

## BRIDGE REAMERS & HOLE HOG™ & STEP REAMERS

**Type 54-UB -Straight Flute Type 55-UB -Spiral Flute**

Bridge Reamers - Straight & Spiral Flutes - Taper Shank High-Speed Steel, Surface Treated

- These special Hi-Tungsten tool steel reamers with gold surface treated body and clearance are designed to be used with Taper shank equipment.
- They are available in both straight and spiral flute configuration and are designed for heavy-duty reaming as encountered in the fabrication of structural steel assemblies, bridge erection, and ship construction.



### TYPE 54-UB STRAIGHT FLUTE

Part #	Diameter Inches	Flute Length	Overall Length	Morse Taper	Qty. per/pack
81630	7/16"	4-3/8	8-1/4	#2	1
81640	1/2"	5-1/8	9	#2	1
81650	9/16"	5-1/8	9	#2	1
81660	5/8"	6-1/8	10	#2	1
81670	11/16"	7-1/8	11-3/4	#3	1
81680	3/4"	7-3/8	12	#3	1
81690	13/16"	7-3/8	12	#3	1
81700	7/8"	7-3/8	12	#3	1
81710	15/16"	7-3/8	12	#3	1
81720	1"	7-3/8	12	#3	1
81730	1-1/16"	7-3/8	12	#3	1
81740	1-1/8"	7-3/8	12	#3	1
81750	1-3/16"	7-3/8	12	#3	1
81760	1-1/4"	7-3/8	13	#4	1
81770	1-5/16"	7-3/8	13	#4	1

### TYPE 55-UB SPIRAL FLUTE

Part #	Diameter Inches	Flute Length	Overall Length	Morse Taper	Qty. per/pack
83310	7/16"	4-3/8	8-1/4	#2	1
83320	1/2"	5-1/8	9	#2	1
83330	9/16"	5-1/8	9	#2	1
83340	5/8"	6-1/8	10	#2	1
83350	11/16"	7-1/8	11-3/4	#3	1
83360	3/4"	7-3/8	12	#3	1
83370	13/16"	7-3/8	12	#3	1
83380	7/8"	7-3/8	12	#3	1
83390	15/16"	7-3/8	12	#3	1
83400	1"	7-3/8	12	#3	1
83410	1-1/16"	7-3/8	12	#3	1
83420	1-1/8"	7-3/8	12	#3	1
83430	1-3/16"	7-3/8	12	#3	1
83440	1-1/4"	7-3/8	13	#4	1
83450	1-5/16"	7-3/8	13	#4	1

### Type 284-UB & Sets

Hole Hog™ 1/2" Shank 4-Flute Core Drill Super Premium, 3-Flats on Shank

- The 4-flute design eliminates the catching and hogging-in experienced with standard S&D drills when breaking through thinner materials such as truck frames.
- These core drills may replace tapered reamers in many applications.



This tool is designed exclusively for enlarging existing holes.

### TYPE 284-UB FRACTIONAL

Part #	Diameter Inches	Min. Starting Hole Size	OAL Inches	Flute Length Inches	Qty. per/pack
22030	3/8"	1/4"	4-5/16	1-7/8	1
22040	1/2"	5/16"	4-5/16	1-7/8	1
22060	9/16"	3/8"	4-5/16	1-7/8	1
22080	5/8"	25/64"	4-5/16	1-7/8	1
22100	11/16"	7/16"	4-5/16	1-7/8	1
22120	3/4"	15/32"	4-5/16	1-7/8	1

### SETS - TYPE 284-UB

**SP-8HH Set Contains 1ea:**

Part# 38880

284-UB Core drill sizes: 3/8", 1/2", 5/8" & 3/4"

250-UB Drill sizes: 1/4", 5/16", 25/64" & 15/32"

**SP-6HHL Set Contains 1ea:**

Part# 38870

284-UB Core drill sizes: 1/2", 5/8" & 3/4"

250-UB Drill sizes: 5/16", 25/64" & 15/32"

**SP-6HHS Set Contains 1ea:**

Part# 38860

284-UB Core drill sizes: 3/8", 1/2" & 5/8"

250-UB Drill sizes: 1/4", 5/16" & 25/64"



A selection of core drills and companion (minimum starting hole size) pilot drills in a black steel index.

### Type 78-GR -Gold Oxide

**Type 78-ZR -White Gold & SETS**

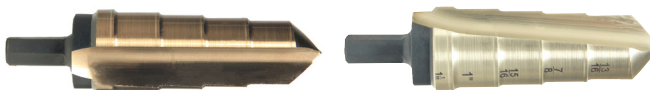
HSS Step Reamers, 3-Flats on Shank



- Accurately starts, enlarge and deburrs in holes in material up to 1/2" thick.
- 90° notch point starts holes easily.
- Each reamer has five hole enlargement steps.

**Gold Oxide** - low temperature stress relief that enhances lubricity, reduces friction and increases toughness.

**Zirconium Nitride** - cutting machining aluminum magnesium, titanium alloys. Increased lubricity.



### TYPE 78-GR GOLD OXIDE & TYPE 78-ZR WHITE GOLD

78-GR Gold Oxide Part #	78-ZR Zirconium Nitride Part #	Hole Sizes	Range	Shank Sizes	Step Thickness
83710	99940	5	5/16" - 9/16"	3/8"	1/2"
83720	99950	5	9/16" - 13/16"	3/8"	1/2"
83730	99960	5	13/16" - 1-1/16"	3/8"	1/2"

### SETS

78-GR Part #	78-ZR Part #	Hole Sizes	Range	Shank Sizes	Step Thickness
83750	99980	5	5/16" - 1-1/16"	3/8"	1/2"



#83750



#99980