

# Hole Expansion Tools & Sets

## CAR REAMERS & HEX NUT REAMERS

### Type 50-AG

Car Reamers, Standard Flute 3-Flats on Shank

- All tools are constructed with left-hand spiral and right-hand cut.
- For use in enlarging previously formed or drilled holes.
- These reamers are especially designed for the reaming of structural steel plates commonly found in truck frames, rail cars, bridges, and pressure vessels.



Part#	Shank Dia.	Overall Length	Dia. Inches	Point Dia.	Min. Starting Hole Size	Qty. per/Pk
06390	3/8"	4-5/8"	*3/8"	0.244	9/32"	1
06400	1/2"	5-7/8"	*1/2"	0.291	5/16"	1
06410	1/2"	5-7/8"	9/16"	0.291	5/16"	1
06420	1/2"	6-3/8"	*5/8"	0.323	11/32"	1
06430	1/2"	6-3/8"	11/16"	0.385	13/32"	1
06440	1/2"	6-7/8"	*3/4"	0.416	7/16"	1
06450	1/2"	6-7/8"	13/16"	0.478	1/2"	1
06460	1/2"	6-7/8"	7/8"	0.510	17/32"	1
06470	1/2"	6-7/8"	15/16"	0.595	19/32"	1
06480	1/2"	6-7/8"	1"	0.604	5/8"	1
06504	1/2"	6-7/8"	1-1/16"	0.635	21/32"	1

Part#	Shank Dia.	Overall Length	Dia. Inches	Point Dia.	Min. Starting Hole Size	Qty. per/Pk
06514	1/2"	6-7/8"	1-1/8"	0.670	11/16"	1
06524	1/2"	6-7/8"	1-3/16"	0.710	3/4"	1
06484	1/2"	6-7/8"	1-1/4"	0.729	3/4"	1
06534	3/4"	6-7/8"	1-5/16"	0.785	13/16"	1
06544	3/4"	6-7/8"	1-3/8"	0.820	7/8"	1
06554	3/4"	6-7/8"	1-7/16"	0.860	29/32"	1
06564	3/4"	6-7/8"	1-1/2"	0.900	15/16"	1

**SET TYPE 50-AG Includes**  
12270 \*4PC. CR-4SP 3/8", 1/2", 5/8", 3/4"

### Type 51-AG

Car Reamers - Fast Spiral Hole Buster™  
Super Premium 3-Flats on Shank

- Special Hi-Tungsten tool steel, gold surface treated body and clearance for maximum lubricity.
- The 51-AG, with the fast spiral, is the more aggressive of the two styles. It also will fit the needs of users who prefer a stop collar.



Part#	Shank Dia.	Overall Length	Dia. Inches	Point Dia.	Min. Starting Hole Size	Qty. per/Pk
06381	5/16"	4-5/8"	*5/16"	0.182	3/16"	1
06391	3/8"	4-5/8"	*3/8"	0.244	1/4"	1
06501	7/16"	5-7/8"	*7/16"	0.260	9/32"	1
06401	1/2"	5-7/8"	*1/2"	0.291	5/16"	1
06411	1/2"	5-7/8"	9/16"	0.291	5/16"	1
06421	1/2"	6-3/8"	*5/8"	0.323	11/32"	1
06432	1/2"	6-3/8"	0.652	0.385	13/32"	1
06431	1/2"	6-3/8"	11/16"	0.385	13/32"	1
06441	1/2"	6-7/8"	*3/4"	0.416	7/16"	1
06531	1/2"	6-7/8"	0.776	0.416	7/16"	1
06451	1/2"	6-7/8"	13/16"	0.478	1/2"	1
06461	1/2"	6-7/8"	7/8"	0.510	17/32"	1
06471	1/2"	6-7/8"	15/16"	0.595	19/32"	1

Part#	Shank Dia.	Overall Length	Dia. Inches	Point Dia.	Min. Starting Hole Size	Qty. per/Pk
06481	1/2"	6-7/8"	1"	0.604	5/8"	1
06491	1/2"	6-7/8"	1-1/16"	0.635	21/32"	1
06541	1/2"	6-7/8"	1-1/8"	0.670	11/16"	1
06551	1/2"	6-7/8"	1-3/16"	0.710	3/4"	1
06482	1/2"	6-7/8"	1-1/4"	0.729	3/4"	1
06561	3/4"	6-7/8"	1-5/16"	0.785	13/16"	1
06571	3/4"	6-7/8"	1-3/8"	0.820	7/8"	1
06581	3/4"	6-7/8"	1-7/16"	0.860	29/32"	1
06591	3/4"	6-7/8"	1-1/2"	0.900	15/16"	1

**SETS TYPE 51-AG Includes**  
12271 \*4PC. CR-4FS 3/8", 1/2", 5/8", 3/4"  
12281 \*4PC. SM-4FS 5/16, 3/8", 7/16", 1/2"



### Type 52-AG - Bridge Length Type 53-AG - Car Length Hex Nut Reamers Black & Gold Finish HSS-Spiral Flute

- Designed for aligning and enlarging holes in structural steel applications.
- Gold treated for maximum lubricity.

TYPE 52-AG BRIDGE LENGTH					
Part #	Diameter Inches	Hex Shank Inches	Flute Length	Overall Length	Qty. per/Pk
20480	9/16"	1-1/16"	5-1/8	6-7/8	1
20490	5/8"	1-1/16"	6-1/8	7-7/8	1
20510	11/16"	1-1/16"	7-1/8	9-1/4	1
20520	3/4"	1-1/4"	7-3/8	9-3/8	1
20530	13/16"	1-1/4"	7-3/8	9-3/8	1
20540	7/8"	1-7/16"	7-3/8	9-3/8	1
20550	15/16"	1-7/16"	7-3/8	9-3/8	1
20560	1"	1-7/16"	7-3/8	9-3/8	1
20570	1-1/16"	1-5/8"	7-3/8	9-3/8	1
20500	1-1/8"	1-5/8"	7-3/8	9-3/8	1
20580	1-3/16"	1-13/16"	7-3/8	9-3/8	1
20590	1-5/16"	2"	7-3/8	10	1
21120	1-3/8"	2"	7-3/8	10	1
21130	1-7/16"	2"	7-3/8	10	1
21140	1-1/2"	2"	7-3/8	10	1
21150	1-9/16"	2"	7-3/8	10	1
21160	1-5/8"	2"	7-1/2	10	1

TYPE 53-AG CAR LENGTH					
Part #	Diameter Inches	Hex Shank Inches	Flute Length	Overall Length	Qty. per/Pk
35580	9/16	1-1/16	4	5-1/2	1
35590	5/8	1-1/16	4-1/2	6	1
35610	11/16	1-1/16	4-1/2	6-3/8	1
35620	3/4	1-1/4	5	7	1
35630	13/16	1-1/4	5	7	1
35640	7/8	1-7/16	5	7	1
35650	15/16	1-7/16	5	7	1
35660	1"	1-7/16	5	7	1
35670	1-1/16	1-5/8	5	7	1
35600	1-1/8	1-5/8	5	7	1
35680	1-3/16	1-13/16	5	7	1
35690	1-5/16	2	5	7-7/8	1