

Hole Expansion Tools & Sets

CAR REAMERS & HEX NUT REAMERS

| Part # | Diameter Inches | Point Diameter | Min. Starting Hole Size | Overall Length | Shank Dia. |
|--------|-----------------|----------------|-------------------------|----------------|------------|
| 06390 | 3/8 | 0.250 | 5/16 | 4-5/8 | 3/8 |
| 06400 | 1/2 | 0.281 | 3/8 | 5-7/8 | 1/2 |
| 06410 | 9/16 | 0.343 | 7/16 | 5-7/8 | 1/2 |
| 06420 | 5/8 | 0.343 | 7/16 | 6-3/8 | 1/2 |
| 06430 | 11/16 | 0.375 | 15/32 | 6-3/8 | 1/2 |
| 06440 | 3/4 | 0.406 | 1/2 | 6-7/8 | 1/2 |
| 06450 | 13/16 | 0.468 | 35/64 | 6-7/8 | 1/2 |
| 06460 | 7/8 | 0.500 | 19/32 | 6-7/8 | 1/2 |
| 06470 | 15/16 | 0.585 | 5/8 | 6-7/8 | 1/2 |
| 06480 | 1" | 0.594 | 7/8 | 6-7/8 | 1/2 |
| 06484 | 1-1/4 | 0.719 | 1" | 6-7/8 | 1/2 |

| SET | TYPE 50-AG | Includes |
|-------|------------|--------------------|
| 12270 | CR-4SP | 3/8, 1/2, 5/8, 3/4 |

| Part # | Diameter Inches | Point Diameter | Min. Starting Hole Size | Overall Length | Shank Dia. |
|--------|-----------------|----------------|-------------------------|----------------|------------|
| 06381 | 5/16 | 0.215 | 17/64 | 4-5/8 | 5/16 |
| 06391 | 3/8 | 0.250 | 5/16 | 4-5/8 | 3/8 |
| 06501 | 7/16 | 0.250 | 3/8 | 5-7/8 | 7/16 |
| 06401 | 1/2 | 0.281 | 3/8 | 5-7/8 | 1/2 |
| 06411 | 9/16 | 0.343 | 7/16 | 5-7/8 | 1/2 |
| 06421 | 5/8 | 0.343 | 7/16 | 6-3/8 | 1/2 |
| 06432 | 0.652 | 0.375 | 15/32 | 6-3/8 | 1/2 |
| 06431 | 11/16 | 0.375 | 15/32 | 6-3/8 | 1/2 |
| 06441 | 3/4 | 0.406 | 1/2 | 6-7/8 | 1/2 |
| 06531 | 0.776 | 0.406 | 1/2 | 6-7/8 | 1/2 |
| 06451 | 13/16 | 0.468 | 35/64 | 6-7/8 | 1/2 |
| 06461 | 7/8 | 0.500 | 19/32 | 6-7/8 | 1/2 |
| 06471 | 15/16 | 0.585 | 5/8 | 6-7/8 | 1/2 |
| 06481 | 1 | 0.594 | 7/8 | 6-7/8 | 1/2 |
| 06491 | 1-1/16 | 0.807 | 7/8 | 6-7/8 | 1/2 |
| 06482 | 1-1/4 | 0.719 | 1 | 6-7/8 | 1/2 |

| SET | TYPE 51-AG | Includes |
|-------|------------|----------------------|
| 12271 | CR-4FS | 3/8, 1/2, 5/8, 3/4 |
| 12281 | SM-4FS | 5/16, 3/8, 7/16, 1/2 |



Type 50-AG Car Reamers, Standard Flute 3-Flats on Shank



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

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.
- These reamers are especially designed for the reaming of structural steel plates commonly found in truck frames, rail cars, bridges, and pressure vessels.
- 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.

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 | No. per/pack |
|--------|-----------------|------------------|--------------|----------------|--------------|
| 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 | No. per/pack |
|--------|-----------------|------------------|--------------|----------------|--------------|
| 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 |