

Mechanic Length

HSS MAGNUM

Type 175-AG

Magnum Super Premium 3-Flats on Shank - 135° Split Point

- Special Hi-Molybdenum tool steel.
- 135° split point for fast penetration and accurate starting without center punch.
- Precision ground point, flutes, body, clearance and drill diameter for the ultimate in accuracy and performance.
- Body and clearance are gold surface treated for maximum lubricity.



3 - FLATS ON SHANK

| Part # per/pack | Diameter Inches | Overall Length Inches | Flute Length Inches | Qty. |
|--------------------|--------------------|-----------------------------|---------------------------|------|
| 22860 | 1/16 | 1-7/8 | 7/8 | 12 |
| 22870 | 5/64 | 2 | 1 | 12 |
| 22880 | 3/32 | 2-1/4 | 1-1/4 | 12 |
| 86950 | 7/64 | 2-3/8 | 1-5/16 | 12 |
| 86960 | 1/8 | 2-1/2 | 1-7/16 | 12 |
| 86970 | 9/64 | 2-5/8 | 1-9/16 | 12 |
| 86980 | 5/32 | 2-3/4 | 1-11/16 | 12 |
| 86990 | 11/64 | 2-7/8 | 1-13/16 | 12 |
| 87000 | 3/16 | 3 | 1-7/8 | 12 |
| 87010 | 13/64 | 3-1/8 | 1-15/16 | 12 |
| 87020 | 7/32 | 3-1/4 | 2 | 12 |
| 87030 | 15/64 | 3-3/8 | 2-1/16 | 12 |
| 87040 | 1/4 | 3-1/2 | 2 | 12 |
| 87050 | 17/64 | 3-5/8 | 2-1/8 | 12 |
| 87060 | 9/32 | 3-3/4 | 2-1/4 | 12 |
| 87070 | 19/64 | 3-7/8 | 2-3/8 | 6 |
| 87080 | 5/16 | 4 | 2-1/2 | 6 |
| 87090 | 21/64 | 4-1/16 | 2-9/16 | 6 |
| 87100 | 11/32 | 4-1/8 | 2-5/8 | 6 |
| 87110 | 23/64 | 4-3/16 | 2-11/16 | 6 |
| 87120 | 3/8 | 4-1/4 | 2-11/16 | 6 |
| 87130 | 25/64 | 4-5/16 | 2-3/4 | 6 |
| 87140 | 13/32 | 4-3/8 | 2-13/16 | 6 |
| 87150 | 27/64 | 4-7/16 | 2-7/8 | 6 |
| 87160 | 7/16 | 4-1/2 | 2-15/16 | 6 |
| 87170 | 29/64 | 4-5/8 | 3 | 6 |
| 87180 | 15/32 | 4-3/4 | 3-1/8 | 6 |
| 87190 | 31/64 | 4-7/8 | 3-1/4 | 6 |
| 87200 | 1/2 | 5 | 3-3/8 | 6 |

These items are also available carded.
See Price List Catalog for details.

Type 178-AG

Magnum Super Premium - 135° Split Point 3-Flats on Shank - 3/8" Reduced Shank

- Reduced shank with flats for positive chuck grip.



3 - FLATS ON SHANK - 3/8" SHANK

| Part # | Diameter Inches | Overall Length Inches | Flute Length Inches | Qty. per/pack |
|--------|--------------------|-----------------------------|---------------------------|------------------|
| 81560 | 13/32 | 4-3/8 | 2-13/16 | 6 |
| 81570 | 27/64 | 4-7/16 | 2-7/8 | 6 |
| 81580 | 7/16 | 4-1/2 | 2-15/16 | 6 |
| 81590 | 29/64 | 4-5/8 | 3 | 6 |
| 81600 | 15/32 | 4-3/4 | 3-1/8 | 6 |
| 81610 | 31/64 | 4-7/8 | 3-1/4 | 6 |
| 81620 | 1/2 | 5 | 3-3/8 | 6 |

25/64 175-AG drills with flats will fit a 3/8" chuck without reducing the shank diameter

These items are also available carded. See Price List Catalog for details.

Type 191

V-line, CAD-HD Series - Black Oxide 135° Split Point

- American made value line drill
- New advances in drill making technology have allowed us to make an excellent drill for the very price sensitive portions of the business.
- The black surface treatment prevents chip welding and increases abrasion resistance.



| Part # | Diameter Inches | Overall Length Inches | Flute Length Inches | Qty. per/pack |
|--------|--------------------|-----------------------------|---------------------------|------------------|
| 04492 | 1/16 | 1-7/8 | 7/8 | 12 |
| 04502 | 5/64 | 2 | 1 | 12 |
| 04512 | 3/32 | 2-1/4 | 1-1/4 | 12 |
| 04522 | 7/64 | 2-3/8 | 1-5/16 | 12 |
| 04532 | 1/8 | 2-1/2 | 1-7/16 | 12 |
| 04542 | 9/64 | 2-5/8 | 1-9/16 | 12 |
| 04552 | 5/32 | 2-3/4 | 1-11/16 | 12 |
| 04562 | 11/64 | 2-7/8 | 1-13/16 | 12 |
| 04572 | 3/16 | 2 | 1-1/2 | 12 |
| 04582 | 13/64 | 3-1/8 | 1-5/8 | 12 |
| 04592 | 7/32 | 3-1/4 | 1-3/4 | 12 |
| 04602 | 15/64 | 3-3/8 | 1-7/8 | 12 |
| 04612 | 1/4 | 3-1/2 | 2 | 12 |
| 04622 | 17/64 | 3-5/8 | 2-1/8 | 12 |
| 04632 | 9/32 | 3-3/4 | 2-1/4 | 12 |
| 04642 | 19/64 | 3-7/8 | 2-3/8 | 6 |
| 04652 | 5/16 | 4 | 2-1/2 | 6 |
| 04662 | 21/64 | 4-1/16 | 2-9/16 | 6 |
| 04672 | 11/32 | 4-1/8 | 2-5/8 | 6 |
| 04682 | 23/64 | 4-3/16 | 2-11/16 | 6 |
| 04692 | 3/8 | 4-1/4 | 2-11/16 | 6 |
| 04702 | 25/64 | 4-5/16 | 2-3/4 | 6 |
| 04712 | 13/32 | 4-3/8 | 2-13/16 | 6 |
| 04722 | 27/64 | 4-7/16 | 2-7/8 | 6 |
| 04732 | 7/16 | 4-1/2 | 2-15/16 | 6 |
| 04742 | 29/64 | 4-5/8 | 3 | 6 |
| 04752 | 15/32 | 4-3/4 | 3-1/8 | 6 |
| 04762 | 31/64 | 4-7/8 | 3-1/4 | 6 |
| 04772 | 1/2 | 5 | 3-3/8 | 6 |