

NAS 907B - METRIC & HIGH HELIX FLUTES

Type 170-AG

Magnum Super Premium
- NAS 907B 135° Split Point



Type 170-AG

Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.

- 135° split point provides fast penetration and accurate starting without a center punch.
- Withstands substantially higher drilling temperatures while maintaining sharpness.

METRIC

| Part No. | Dia. MM | Overall Length | | Flute Length | | Qty. per/pack |
|----------|---------|----------------|---------|--------------|---------|---------------|
| | | MM | Inches | MM | Inches | |
| 49720 | 8.50 | 121 | 4-3/4 | 87 | 3-27/64 | 5 |
| 49730 | 8.60 | 121 | 4-3/4 | 87 | 3-27/64 | 5 |
| 49740 | 8.70 | 121 | 4-3/4 | 87 | 3-27/64 | 5 |
| 49750 | 8.80 | 124 | 4-7/8 | 89 | 3-1/2 | 5 |
| 49760 | 8.90 | 124 | 4-7/8 | 89 | 3-1/2 | 5 |
| 49770 | 9.00 | 124 | 4-7/8 | 89 | 3-1/2 | 5 |
| 49780 | 9.10 | 124 | 4-7/8 | 89 | 3-1/2 | 5 |
| 49790 | 9.20 | 127 | 5" | 92 | 3-5/8 | 5 |
| 49800 | 9.30 | 127 | 5" | 92 | 3-5/8 | 5 |
| 49810 | 9.40 | 127 | 5" | 92 | 3-5/8 | 5 |
| 49820 | 9.50 | 127 | 5" | 92 | 3-5/8 | 5 |
| 49830 | 9.60 | 130 | 5-1/8 | 95 | 3-3/4 | 5 |
| 49840 | 9.70 | 130 | 5-1/8 | 95 | 3-3/4 | 5 |
| 49850 | 9.80 | 130 | 5-1/8 | 95 | 3-3/4 | 5 |
| 49860 | 9.90 | 130 | 5-1/8 | 95 | 3-3/4 | 5 |
| 49870 | 10.00 | 130 | 5-1/8 | 95 | 3-3/4 | 5 |
| 12450 | 10.10 | 130 | 5-1/8 | 95 | 3-3/4 | 5 |
| 49880 | 10.20 | 133 | 5-15/64 | 98 | 3-7/8 | 5 |
| 12510 | 10.30 | 133 | 5-15/64 | 98 | 3-7/8 | 5 |
| 50220 | 10.40 | 133 | 5-15/64 | 98 | 3-7/8 | 5 |
| 49890 | 10.50 | 133 | 5-15/64 | 98 | 3-7/8 | 5 |
| 12460 | 10.60 | 133 | 5-15/64 | 98 | 3-7/8 | 5 |
| 50230 | 10.70 | 133 | 5-1/4 | 98 | 3-5/8 | 5 |
| 49900 | 10.80 | 140 | 5-1/2 | 103 | 4-1/16 | 5 |

| Part No. | Dia. MM | Overall Length | | Flute Length | | Qty. per/pack |
|----------|---------|----------------|--------|--------------|---------|---------------|
| | | MM | Inches | MM | Inches | |
| 12470 | 10.90 | 140 | 5-1/2 | 103 | 4-1/16 | 5 |
| 49910 | 11.00 | 140 | 5-1/2 | 103 | 4-1/16 | 5 |
| 12480 | 11.10 | 140 | 5-1/2 | 103 | 4-1/16 | 5 |
| 49920 | 11.20 | 143 | 5-5/8 | 106 | 4-7/32 | 5 |
| 50240 | 11.30 | 143 | 5-5/8 | 106 | 4-7/32 | 5 |
| 12490 | 11.40 | 143 | 5-5/8 | 106 | 4-7/32 | 5 |
| 49930 | 11.50 | 143 | 5-5/8 | 106 | 4-7/32 | 5 |
| 12500 | 11.60 | 143 | 5-5/8 | 106 | 4-7/32 | 5 |
| 50250 | 11.70 | 146 | 5-3/4 | 110 | 4-11/32 | 5 |
| 49940 | 11.80 | 146 | 5-3/4 | 110 | 4-11/32 | 5 |
| 12520 | 11.90 | 146 | 5-3/4 | 110 | 4-11/32 | 5 |
| 49950 | 12.00 | 149 | 5-7/8 | 111 | 4-3/8 | 5 |
| 12530 | 12.10 | 149 | 5-7/8 | 111 | 4-3/8 | 5 |
| 49960 | 12.20 | 149 | 5-7/8 | 111 | 4-3/8 | 5 |
| 50260 | 12.30 | 149 | 5-7/8 | 111 | 4-3/8 | 5 |
| 12540 | 12.40 | 149 | 5-7/8 | 111 | 4-3/8 | 5 |
| 49970 | 12.50 | 152 | 6" | 114 | 4-1/2 | 5 |
| 12550 | 12.60 | 152 | 6" | 114 | 4-1/2 | 5 |
| 12570 | 12.70 | 152 | 6" | 114 | 4-1/2 | 5 |
| 50270 | 12.80 | 152 | 6" | 114 | 4-1/2 | 5 |
| 12560 | 12.90 | 152 | 6" | 114 | 4-1/2 | 5 |
| 49980 | 13.00 | 152 | 6" | 114 | 4-1/2 | 5 |

Larger sizes in Metric 130-AGM section page 46

HIGH HELIX FLUTES

Type 190-SS

Magnum Super Premium
135° Split Point



- High Helix Flute design allows for increased feed rates.
- 135° split point provides fast penetration and accurate starting without a center punch.
- Recommended for stainless steel, aluminum, brass and all other non-ferrous metals.

| Part No. | Diameter Inches | Overall Length | | Flute Length | | Qty. per/pack |
|----------|-----------------|----------------|---------|--------------|--------|---------------|
| | | Inches | Inches | Inches | Inches | |
| 41301 | 1/16" | 1-7/8 | 7/8 | | | 12 |
| 41311 | 5/64" | 2" | 1" | | | 12 |
| 41321 | 3/32" | 2-1/4 | 1-1/4 | | | 12 |
| 41331 | 7/64" | 2-5/8 | 1-1/2 | | | 12 |
| 41341 | 1/8" | 2-3/4 | 1-5/8 | | | 12 |
| 41351 | 9/64" | 2-7/8 | 1-3/4 | | | 12 |
| 41361 | 5/32" | 3-1/8" | 2" | | | 12 |
| 41371 | 11/64" | 3-1/4 | 2-1/8 | | | 12 |
| 41381 | 3/16" | 3-1/2 | 2-5/16 | | | 12 |
| 41391 | 13/64" | 3-5/8 | 2-7/16 | | | 12 |
| 41401 | 7/32" | 3-3/4 | 2-1/2 | | | 12 |
| 41411 | 15/64" | 3-7/8 | 2-5/8 | | | 12 |
| 41421 | 1/4" | 4" | 2-3/4" | | | 12 |
| 41431 | 17/64" | 4-1/8 | 2-7/8 | | | 12 |
| 41441 | 9/32" | 4-1/4 | 2-15/16 | | | 12 |

| Part No. | Diameter Inches | Overall Length | | Flute Length | | Qty. per/pack |
|----------|-----------------|----------------|---------|--------------|--------|---------------|
| | | Inches | Inches | Inches | Inches | |
| 41451 | 19/64" | 4-3/8 | 3-1/16 | | | 6 |
| 41461 | 5/16" | 4-1/2 | 3-3/16 | | | 6 |
| 41471 | 21/64" | 4-5/8 | 3-5/16 | | | 6 |
| 41481 | 11/32" | 4-3/4 | 3-7/16 | | | 6 |
| 41491 | 23/64" | 4-7/8 | 3-1/2 | | | 6 |
| 41501 | 3/8" | 5" | 3-5/8" | | | 6 |
| 41511 | 25/64" | 5-1/8 | 3-3/4 | | | 6 |
| 41521 | 13/32" | 5-1/4 | 3-7/8 | | | 6 |
| 41531 | 27/64" | 5-3/8 | 3-15/16 | | | 6 |
| 41541 | 7/16" | 5-1/2 | 4-1/16 | | | 6 |
| 41551 | 29/64" | 5-5/8 | 4-3/16 | | | 6 |
| 41561 | 15/32" | 5-3/4 | 4-5/16 | | | 6 |
| 41571 | 31/64" | 5-7/8 | 4-3/8 | | | 6 |
| 41581 | 1/2" | 6" | 4-1/2" | | | 6 |