
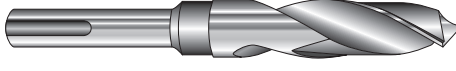


# HIGH SPEED STEEL METRIC 1/2" SHANK SILVER & DEMING DRILLS

ICS WIS

HEAVY DUTY

135° SPLIT POINT

| ITEM NO.       | ILLUSTRATION   | CUTTING APPLICATION   | STEEL SPECS | TECHNICAL DATA   |
|----------------|--|---|-------------|------------------|
| <b>SNDMH</b>   | <br>BLACK & SILVER FINISH | For portable or machine drilling in hard steels, stainless steels and other hard materials. The split point is self centering and breaks up chips.  | M2          | 135° Split Point |
| <b>SNDMH3F</b> | <br>BLACK & SILVER FINISH | For portable or machine drilling in hard steels, stainless steels and other hard materials. The split point is self centering and breaks up chips. Flats are ground on three sides of drill shank for positive holding in 3-Jaw Chucks. | M2          | 135° Split Point |

## Metric Sizes (Reduced Shank) 13.00mm to 25.50mm Dia.


| SIZE mm | DEC. EQUIV. | HIGH SPEED STEEL     |                       |
|---------|-------------|----------------------|-----------------------|
|         |             | ROUND SHANK 135° S/P | 3 FLAT SHANK 135° S/P |
|         |             | <b>SNDMH</b>         | <b>SNDMH3F</b>        |
| 13.00   | .5118       | 29.16                | 34.24                 |
| 13.50   | .5315       | 29.16                | 34.24                 |
| 14.00   | .5512       | 30.46                | 35.52                 |
| 14.50   | .5709       | 31.96                | 37.04                 |
| 15.00   | .5906       | 31.96                | 37.04                 |
| 15.50   | .6102       | 33.02                | 38.10                 |
| 16.00   | .6299       | 33.02                | 38.10                 |
| 16.50   | .6496       | 35.60                | 40.66                 |
| 17.00   | .6693       | 35.60                | 40.66                 |

| SIZE mm | DEC. EQUIV. | HIGH SPEED STEEL     |                       |
|---------|-------------|----------------------|-----------------------|
|         |             | ROUND SHANK 135° S/P | 3 FLAT SHANK 135° S/P |
|         |             | <b>SNDMH</b>         | <b>SNDMH3F</b>        |
| 17.50   | .6890       | 36.84                | 41.92                 |
| 18.00   | .7087       | 36.84                | 41.92                 |
| 18.50   | .7283       | 38.16                | 43.22                 |
| 19.00   | .7480       | 38.16                | 43.22                 |
| 19.50   | .7677       | 46.58                | 51.66                 |
| 20.00   | .7874       | 46.58                | 51.66                 |
| 20.50   | .8071       | 47.84                | 52.90                 |
| 21.00   | .8268       | 47.84                | 52.90                 |
| 21.50   | .8465       | 49.10                | 54.18                 |

| SIZE mm                 | DEC. EQUIV. | HIGH SPEED STEEL     |                       |
|-------------------------|-------------|----------------------|-----------------------|
|                         |             | ROUND SHANK 135° S/P | 3 FLAT SHANK 135° S/P |
|                         |             | <b>SNDMH</b>         | <b>SNDMH3F</b>        |
| 22.00                   | .8661       | 49.10                | 54.18                 |
| 22.50                   | .8858       | 50.46                | 55.54                 |
| 23.00                   | .9055       | 50.46                | 55.54                 |
| 23.50                   | .9252       | 55.32                | 60.40                 |
| 24.00                   | .9449       | 55.32                | 60.40                 |
| 24.50                   | .9646       | 59.40                | 64.46                 |
| 25.00                   | .9843       | 59.40                | 64.46                 |
| <b>118° SPLIT POINT</b> |             |                      |                       |
| 25.50                   | 1.0039      | 67.24                | 72.32                 |

## METRIC 1/2" SHANK SILVER & DEMING DRILL SETS

METAL INDEX

| DESCRIPTION  | TYPE OF DRILL                            | ITEM NO.          | PRICE  |
|--|--|-------------------|--------|
| <b>8 PC DRILL SET</b><br>Sizes 13.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 25.0<br> | Metric S & D Drills 118° Pt              | <b>DS-SNDM-8</b>  | 253.76 |
|  | Heavy Duty Metric S & D Drills 135° S/Pt | <b>DS-SNDMH-8</b> | 317.46 |

## Quick Reference for Metric Drills

| DRILL TYPE       | DRILL SETS | STUB LENGTH | JOBBER LENGTH | REDUCED SHANK | TAPER LENGTH | TAPER SHANK | EXTRA LENGTH  |
|------------------|------------|-------------|---------------|---------------|--------------|-------------|---------------|
|                  |            |             |               |               |              |             |               |
| High Speed Steel | 66         | 16          | 26-28, 41     | 28, 41, 70-71 | 80-81        | 98-99, 102  | 104, 109, 112 |
| Cobalt           | 66         | -           | 44-45         | 45            | -            | -           | -             |
| Carbide Tipped   | -          | -           | 53            | -             | 85           | -           | -             |
| Solid Carbide    | -          | -           | 55            | -             | -            | -           | -             |