



HSS Solid Counterbores



Spiral flute, 3 flute. Medium duty. Used for milling of pre-drilled holes to allow bolt or cap head screws to lie flush with the component surface.
Manufactured to **BS328: 5:1983**.

Plain Shank



Metric

| Bolt Size | Pilot Dia. | Cutter Dia. | Overall Length | Weight each | Order Code SHR-021 | Price/1 TB |
|-----------|------------|-------------|----------------|-------------|---------------------------|----------------|
| 3mm | 3.4 | 6.0 | 65.0 | 10g | -3520K | 845.00 |
| 4mm | 4.3 | 8.0 | 65.0 | 10g | -3560K | 910.00 |
| 5mm | 5.3 | 10.0 | 70.0 | 10g | -3580K | 910.00 |
| 6mm | 6.4 | 11.0 | 76.0 | 20g | -3600K | 975.00 |
| 8mm | 8.4 | 15.0 | 87.3 | 60g | -3620K | 1445.00 |
| 10mm | 10.5 | 18.0 | 89.0 | 70g | -3640K | 1825.00 |
| 12mm | 13.0 | 20.0 | 108.0 | 110g | -3660K | 2050.00 |
| 16mm | 17.0 | 26.0 | 125.0 | 225g | -3700K | 3065.00 |

Plain Shank 7 Piece Set
Manufactured to **BS328 : 5 : 1983**.

Contents: M3, M4, M5, M6, M8, M10 and M12.

HSS



7
PIECES

| Number of Pieces | Weight each | Order Code SHR-021 | Price/1 TB |
|------------------|-------------|---------------------------|----------------|
| 7 | 462g | -9010A | 6510.00 |

CUTTING TOOLS



HSS TiN Tipped Spotting Drills



Special drill for accurate and fast spotting on NC machines, jig drills and other capital-intensive boring machines. For countersinking and chamfering of tapping holes in one operation. Only suitable for shallow depth drilling.

HSS TiN-tip

NEW



Metric

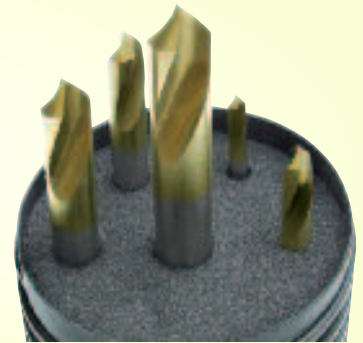
| Diameter (mm) | Flute Length | Overall Length | Weight per 5 | Order Code SWT-125 | Price/1 TB |
|---------------|--------------|----------------|--------------|---------------------------|----------------|
| 4.00 | 12.0 | 46.0 | 20g | -5180A | 450.00 |
| 5.00 | 14.0 | 62.0 | 40g | -5181A | 550.00 |
| 6.00 | 16.0 | 66.0 | 65g | -5182A | 565.00 |
| 8.00 | 21.0 | 79.0 | 135g | -5183A | 750.00 |
| 10.00 | 24.0 | 89.0 | 265g | -5184A | 850.00 |
| 12.00 | 30.0 | 102.0 | 434g | -5185A | 950.00 |
| 16.00 | 35.0 | 115.0 | 175g | -5187A | 1250.00 |

90° Point 5 Piece Set

Contents: 4.00, 6.00, 8.00, 10.00 and 12.00

HSS TiN-tip

5
PIECES



NEW

| Number of Pieces | Weight each | Order Code SWT-125 | Price/1 TB |
|------------------|-------------|---------------------------|----------------|
| 5 | 300g | -5190A | 2999.00 |

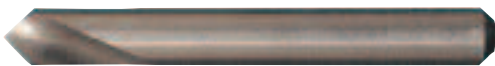


HSS Spotting Drills

HSS-E

Special drill for accurate and fast spotting on NC machines, jig drills and other capital-intensive boring machines. For countersinking and chamfering of tapping holes in one operation. Only suitable for shallow depth drilling.

90° Point - Series C520



Metric

| Diameter (mm) | Flute Length | Overall Length | Weight per 5 | Order Code SHR-025 | Price/1 TB |
|---------------|--------------|----------------|--------------|---------------------------|----------------|
| 3.00 | 12.0 | 46.0 | 15g | -2528Y | 125.00 |
| 4.00 | 12.0 | 46.0 | 20g | -2528Z | 135.00 |
| 5.00 | 14.0 | 62.0 | 40g | -2529B | 150.00 |
| 6.00 | 16.0 | 66.0 | 65g | -2529A | 145.00 |
| 8.00 | 21.0 | 79.0 | 135g | -2530B | 199.00 |
| 10.00 | 24.0 | 89.0 | 265g | -2531C | 399.00 |
| 12.00 | 30.0 | 102.0 | 434g | -2532D | 599.00 |
| 14.00 | 33.0 | 107.0 | 625g | -2532N | 799.00 |
| 16.00 | 35.0 | 115.0 | 825g | -2533E | 1250.00 |
| 20.00 | 40.0 | 131.0 | 1490g | -2534F | 1750.00 |

90° Point 5 Piece Set
Contents: 4.00, 6.00, 8.00, 10.00 and 12.00mm.

HSS-E



5
PIECES

| Number of Pieces | Order Code SHR-025 | Price/1 TB |
|------------------|---------------------------|----------------|
| 5 | -9200K | 1650.00 |

120° Point - Series C530

HSS-E



Metric

| Diameter (mm) | Flute Length | Overall Length | Weight per 5 | Order Code SHR-025 | Price/1 TB |
|---------------|--------------|----------------|--------------|---------------------------|----------------|
| 6.00 | 20.0 | 66.0 | 100g | -2535G | 165.00 |
| 8.00 | 16.0 | 79.0 | 155g | -2536H | 275.00 |
| 10.00 | 21.0 | 89.0 | 265g | -2537J | 425.00 |
| 12.00 | 30.0 | 102.0 | 434g | -2538K | 599.00 |
| 16.00 | 35.0 | 115.0 | 175g | -2539L | 1550.00 |
| 20.00 | 40.0 | 131.0 | 298g | -2540M | 1999.00 |

Carbide Spotting Drills

CARBIDE

Designed for close tolerance hole location. Suitable for continuous production on aluminium, plastics, free cutting steels, cast iron, titanium and some aerospace materials. The stability of carbide makes the tool more rigid and less likely to deflect, maintaining a higher level of accuracy. Operators should note that continuous heavy shock loading may cause the tool to fail due to its brittleness.

90° Point - Metric



Metric

| Diameter (mm) | Flute Length | Overall Length | Weight per 5 | Order Code SHR-158 | Price/1 TB |
|---------------|--------------|----------------|--------------|---------------------------|----------------|
| 4.00 | 10.0 | 40.0 | 40g | -8540K | 375.00 |
| 6.00 | 16.0 | 50.0 | 100g | -8560K | 797.00 |
| 8.00 | 23.0 | 60.0 | 155g | -8580K | 1004.00 |
| 10.00 | 24.0 | 70.0 | 265g | -8600K | 1607.00 |
| 12.00 | 25.0 | 70.0 | 434g | -8620K | 2209.00 |
| 16.00 | 30.0 | 80.0 | 175g | -8660K | 4285.00 |
| 20.00 | 35.0 | 100.0 | 298g | -8700K | 7365.00 |