

Step Drills & Countersinks



HSS-E Co 5% Countersinks Single Hole

Manufactured from M35 HSS and used for the deburring and chamfering of most metals and plastics. Straight shank. Manufactured to **BS328 : Part 5 : 1983**. Inclusive angle 90°.

HSS-Co. 5%



Cutting Range (mm)	Shank Dia. (mm)	Overall Length (mm)	Weight each	Order Code KEN-020	Price/1 THB
2 - 5	6	32.0	15g	-2090K	798.00
5 - 10	8	30.5	25g	-2100K	938.00
10 - 15	10	37.5	25g	-2150K	1488.00
15 - 20	12	48.0	110g	-2200K	2970.00
20 - 25	15	56.5	225g	-2250K	4180.00



HSS-E Co 5% Countersinks Single Hole

Manufactured from HSS-E cobalt for deburring and chamfering. Straight shank. Manufactured to **BS328 : Part 5 : 1983**. Inclusive angle 90°.

HSS-Co. 5%

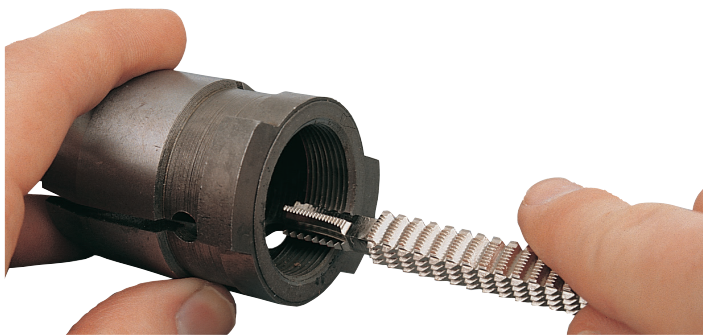


Cutting Range (mm)	Shank Dia. (mm)	Overall Length (mm)	Weight each	Order Code SHR-020	Price/1 THB
2 - 5	6	32.0	15g	-2090K	683.00
5 - 10	8	30.5	25g	-2100K	924.00
10 - 15	10	37.5	25g	-2150K	1407.00
15 - 20	12	48.0	110g	-2200K	3203.00
20 - 25	15	56.5	225g	-2250K	3644.00
25 - 30	15	55.0	315g	-2300K	5765.00



Thread Restoring Files

Restore internal and external threads by filing, where the use of taps and dies are impractical. The restorer file overlaps several good threads and files the damaged ones. Restore right and left hand, internal and external threads. Long lasting, fast cutting teeth. Thread restoring files are available in ISO, Whit/BSF, UNF/UNC and BSP thread types.



Group 620



External thread

Thread Type	Range	Weight each	Order Code SHR-017	Price/1 THB
ISO	.80 to 3mm	133g	-9020C	1355.00
Whit/BSF	10 tpi to 24 tpi	132g	-9001A	1355.00
UNF/UNC	11 tpi to 24 tpi	130g	-9010B	1355.00
BSP	11 tpi to 28 tpi	127g	-9030D	1355.00



HSS Multi-Diameter Step Drills

Produce good quality holes in a wide variety of materials, using either a bench drill or light pedestal drilling machine. Each tool cuts parallel holes in a range of specific sizes. For material up to 1/8" (3mm) thick.



HSS

Size	Range (mm)	Number of Steps	Weight each	Order Code SHR-019	Price/1 THB
0/5	4 - 12	5	30g	-0500K	1180.00
0/9	4 - 12	9	30g	-0509K	524.00
1	4 - 20	9	70g	-0510K	1454.00
2	4 - 30	11	200g	-0520K	2538.00
3	6 - 38	12	299g	-0530K	3496.00
5	4 - 39	14	320g	-0560K	3533.00
9	6 - 37	12	310g	-0600K	4200.00

HSS Sheet Metal Step Drill Set

Sizes include:

4 - 12mm (9 step, 6mm shank), 4 - 20mm (9 step, 8mm shank) and 4 - 30mm (14 step, 10mm shank).

3 PIECES

Number of Pieces	Range (mm)	Weight	Order Code SHR-019	Price/1 THB
3	4 - 30	275g	-0260K	5112.00

HSS-Co 5% Countersink Set

Straight shank, ground flute 90° angle. Sizes: 2 - 5mm, 5 - 10mm, 10 - 15mm, 15 - 20mm, 20 - 25mm and 25 - 30mm.

6 PIECES



Weight each	Order Code SHR-020	Price/1 THB
1.2kg	-9020B	10248.00