

Garant
DIN counterbore for through holes, uncoated, Counterbore \varnothing D1 x pin \varnothing D2: 15X8,4mm

Order data

| | |
|--------------|---------------|
| Order number | 156020 15X8,4 |
| GTIN | 4045197087751 |
| Item class | 11M |

Description
Version:

Spiral fluted counterbore. The pilot \varnothing matches the intended purpose:

f – for through holes **fine** quality to DIN ISO 273.

m for through holes **medium** quality to DIN ISO 273.

Application:

For counterboring socket head screws DIN 912, 6912, 7984, and cheese head screws ISO 1207 (DIN 84).

Technical description

| | |
|--------------------------------------------------|--------------|
| Pre-drill \varnothing | 8.4 mm |
| Feed f in steel < 500 N/mm ² | 0.12 mm/rev. |
| Number of cutting edges Z | 3 |
| for quality of the hole | f |
| Pin \varnothing | 8,4 mm |
| for screw size | M8 |
| Counterbore \varnothing | 15 mm |
| Shank \varnothing D _s | 12.5 mm |
| Overall length L | 100 mm |
| Step height L ₁ 1st step with chamfer | 22 mm |

| | |
|-----------------|----------------------|
| Point angle | 180 degrees |
| Coating | uncoated |
| Tool material | HSS |
| Standard | DIN 373 |
| Shank | Parallel shank to h9 |
| Through-coolant | no |
| Type of product | Counterbore |

User data

| | Suitability | V _c | ISO code |
|-------------------------------|-------------|----------------|----------|
| Aluminium (short chipping) | suitable | 33 m/min | N |
| Steel < 500 N/mm ² | suitable | 28 m/min | P |
| Steel < 750 N/mm ² | suitable | 27 m/min | P |
| wet maximum | suitable | | |