

# 1145716 | Fully ground HSS metal drill bit -Coated FUSIO -DIN338 -h8 -Tivoly Smart Point Grinding PREMIUM (Hanging box)

High performance drill bit for progressive and intensive drilling of stainless steels, aluminium, plastics and composites, wood, suitable for complex surfaces and for use in portable power tools.



- Progressive drilling at entry and exit
- Burr-free drilling
- Allows the enlargement of existing holes
- No slipping on curved surfaces
- Minimum vibrations
  
- Automatic centring
- Tri-flat shank
- High-speed steel
- FUSIO coating



### Machine



### Application



### Features



### Properties and benefits

- + Split-point grinding:reduction of the drill tip. ↻ Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the required axial load.
- + Tri-flat shank: cylindrical shank with 3x 120° flats, for 3-piece drill chucks. ↻ Enables maximum torque transmission Prevents the rotation of the bit in the chuck. Specially adapted for through-holes.
- + High-speed steel: HSS substrate ↻ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- + FUSIO coating: Ti2CN base, thickness 2/4µm, hardness 3200HV, coefficient of friction 0.2, heat resist. 400°C. ↻ Thermal shield. Allows you to significantly increase service life, cutting speed, and progress. Reduces the axial load. Especially for steels.



| Code        | EAN           | Ø   | d2/CM | L   | l  | lu | QTY | PCB |
|-------------|---------------|-----|-------|-----|----|----|-----|-----|
| 11457160300 | 3221912344328 | 3   | 3     | 61  | 33 |    | 5   | 1   |
| 11457160320 | 3221912344335 | 3.2 | 3.2   | 65  | 36 |    | 5   | 1   |
| 11457160350 | 3221912344342 | 3.5 | 3.5   | 70  | 39 |    | 5   | 1   |
| 11457160400 | 3221912344359 | 4   | 4     | 75  | 43 |    | 5   | 1   |
| 11457160420 | 3221912344366 | 4.2 | 4.2   | 75  | 43 |    | 5   | 1   |
| 11457160450 | 3221912344373 | 4.5 | 4.5   | 80  | 47 |    | 5   | 1   |
| 11457160500 | 3221912344380 | 5   | 5     | 86  | 52 |    | 5   | 1   |
| 11457160550 | 3221912344397 | 5.5 | 5.5   | 93  | 57 |    | 5   | 1   |
| 11457160600 | 3221912344403 | 6   | 6     | 93  | 57 |    | 5   | 1   |
| 11457160650 | 3221912344410 | 6.5 | 6.5   | 101 | 63 |    | 5   | 1   |



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|             |               |     |     |     |    |   |   |
|-------------|---------------|-----|-----|-----|----|---|---|
| 11457160700 | 3221912344427 | 7   | 7   | 109 | 69 | 5 | 1 |
| 11457160750 | 3221912344434 | 7.5 | 7.5 | 109 | 69 | 5 | 1 |
| 11457160800 | 3221912344441 | 8   | 8   | 117 | 75 | 5 | 1 |