

# 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

K2 - Gray Cast iron	K3 - Nodular and GS Cast iron	M1 - austenitic stainless steels	M2 - Super austenitic stainless steels	N1 - Aluminum alloy	O3- PLASTICS	P1 - Unrealized steels	P2 - Weakly allied steels	Wood

### Features

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### 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