

# 1145714 | Fully ground HSS metal drill bit -Coated FUSIO -DIN338 -h8 -Tivoly Smart Point sharpening PREMIUM (Plastic sleeve)

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



<b>K</b> 2	<b>K</b> 3	<b>M</b> 1	<b>M</b> 2	<b>N</b> 1	<b>O</b> 3	<b>P</b> 1	<b>P</b> 2	<b>P</b> 3	Wood
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	P3- strong alloy steels	

## Features

<b>HSS</b>	<b>FUSIO COATED</b> #3-13mm ONLY	<b>DIN 338</b>	Ø > 5 mm STOP ROTATION	TIVOLY SMART POINT	118°	N TYPE	30°	3xd	h8	AMPLI-TROU ENLARGER	TROU PARFAIT PERFECT HOLE	ECONOMIE ENERGIE ENERGY SAVING
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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.

## Sets



10 HSS metal drill bit Coated FUSIO Grinding Tivoly Smart Point Ø 1 to 10mm  
 6 HSS metal drill bit coated FUSIO Grinding Tivoly Smart Point Ø1 to 8mm  
 19 HSS metal drill bit Coated FUSIO Grinding Tivoly Smart Point Ø 1 to 10mm  
 25 HSS metal drill bit coated FUSIO Grinding Tivoly Smart Point Ø 1 to 13 mm





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Code	EAN	Ø	d2/CM	L	I	lu	QTY	PCB
11457140300	3221912344083	3	3	61	33		1	1
11457140320	3221912344106	3.2	3.2	65	36		1	1
11457140350	3221912344113	3.5	3.5	70	39		1	1
11457140400	3221912344120	4	4	75	43		1	1
11457140420	3221912344137	4.2	4.2	75	43		1	1
11457140450	3221912344144	4.5	4.5	80	47		1	1
11457140500	3221912344151	5	5	86	52		1	1
11457140550	3221912344175	5.5	5.5	93	57		1	1
11457140600	3221912344168	6	6	93	57		1	1
11457140650	3221912344182	6.5	6.5	101	63		1	1
11457140700	3221912344199	7	7	109	69		1	1
11457140750	3221912344205	7.5	7.5	109	69		1	1
11457140800	3221912344212	8	8	117	75		1	1
11457140850	3221912344229	8.5	8.5	117	75		1	1
11457140900	3221912344236	9	9	125	81		1	1
11457140950	3221912344243	9.5	9.5	125	81		1	1
11457141000	3221912344250	10	10	133	87		1	1
11457141050	3221912344267	10.5	10.5	133	87		1	1
11457141100	3221912344274	11	11	142	94		1	1
11457141150	3221912344281	11.5	11.5	142	94		1	1
11457141200	3221912344298	12	12	151	101		1	1
11457141250	3221912344304	12.5	12.5	151	101		1	1
11457141300	3221912344311	13	13	151	101		1	1