

**1145704 | Fully ground HSS metal drill bit -DIN338 -h8
-Tivoly Smart Point Grinding TECHNIC (Plastic sleeve)**

Powerful drill bit for progressive drilling of resistant steels, aluminium, plastics and composites, wood and derivatives, 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



Machine



Application

K 2	K 3	N 1	O 3	P 1	P 2	
K2- Gray Cast iron	K3- Nodular and GS Cast iron	N1- Aluminum alloy	O3- PLASTICS	P1- Unrealized steels	P2- Weakly allied steels	Wood

Features

HSS	BRIGHT UNCOATED	DIN 338			118°		30°	3xd	h8		
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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/mm²



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11457040300	3221912343420	3	3	61	33		1	1
11457040320	3221912343437	3.2	3.2	65	36		1	1
11457040350	3221912343444	3.5	3.5	70	39		1	1
11457040400	3221912343451	4	4	75	43		1	1
11457040420	3221912343468	4.2	4.2	75	43		1	1
11457040450	3221912343475	4.5	4.5	80	47		1	1
11457040500	3221912343482	5	5	86	52		1	1
11457040550	3221912343499	5.5	5.5	93	57		1	1
11457040600	3221912343505	6	6	93	57		1	1
11457040650	3221912343512	6.5	6.5	101	63		1	1
11457040700	3221912343529	7	7	109	69		1	1
11457040750	3221912343536	7.5	7.5	109	69		1	1
11457040800	3221912343543	8	8	117	75		1	1

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11457040850	3221912343550	8.5	8.5	117	75	1	1
11457040900	3221912343567	9	9	125	81	1	1
11457040950	3221912343574	9.5	9.5	125	81	1	1
11457041000	3221912343581	10	10	133	87	1	1
11457041050	3221912343598	10.5	10.5	133	87	1	1
11457041100	3221912343604	11	11	142	94	1	1
11457041150	3221912343611	11.5	11.5	142	94	1	1
11457041200	3221912343628	12	12	151	101	1	1
11457041250	3221912343635	12.5	12.5	151	101	1	1
11457041300	3221912343642	13	13	151	101	1	1