

1145312 | Fully ground HSS metal drill bit - TiN-coated tip - Split point - Tri-flat shank **TECHNIC** (Blister)

High-performance drill bit for the intensive drilling of strong metals and stainless steels, superior lifespan thanks to its TITANIUM coating. Precise and rapid drilling.



- Especially for high-strength steels, stainless steels and cast irons
- Superior long life
- Rapid drilling
- Precise drilling
- Anti-rotation attachment

- Automatic centring
- Tri-flat shank
- High-speed steel
- 135° tip
- TiN coating



Machine



Application

K 2	K 3	M 1	P 1	P 2
K2- Gray Cast iron	K3- Nodular and GS Cast iron	M1- austenitic stainless steels	P1- Unrealized steels	P2- Weakly allied steels

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/mm²
- + 135° tip: 135° tip angle for the sharpening of the drill bit. ⚙️ Suitable for strong and difficult materials. Enables a shorter and stronger cutting edge, thus prolonging the service life.
- + TiN coating: TiN base, thickness 2/4µm, hardness 2300HV, coefficient of friction 0.4, heat resistance 600°C. Protects against abrasion, oxidation, adhesion. ⚙️ Thermal shield. Allows you to increase service life, cutting speed, and progress. Reduces the axial load. General use.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11453120100	3221912096104	1	1	34	12	1	3	
11453120150	3221912096111	1.5	1.5	40	18	1	3	
11453120200	3221912096128	2	2	49	24	1	3	
11453120250	3221912096135	2.5	2.5	57	30	1	3	
11453120300	3221912096142	3	3	61	33	1	3	
11453120320	3221912096159	3.2	3.2	65	36	1	3	

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11453120350	3221912096166	3.5	3.5	70	39	1	3
11453120400	3221912096173	4	4	75	43	1	3
11453120420	3221912096180	4.2	4.2	75	43	1	3
11453120450	3221912096197	4.5	4.5	80	47	1	3
11453120480	3221912096203	4.8	4.8	86	52	1	3
11453120500	3221912096210	5	5	86	52	1	3
11453120520	3221912096227	5.2	5.2	86	52	1	3
11453120550	3221912096234	5.5	5.5	93	57	1	3
11453120600	3221912096241	6	6	93	57	1	3
11453120620	3221912096258	6.2	6.2	101	63	1	3
11453120650	3221912096265	6.5	6.5	101	63	1	1
11453120700	3221912096272	7	7	109	69	1	1
11453120750	3221912096289	7.5	7.5	109	69	1	1
11453120800	3221912096296	8	8	117	75	1	1
11453120850	3221912096302	8.5	8.5	117	75	1	1
11453120900	3221912096319	9	9	125	81	1	1
11453120950	3221912096326	9.5	9.5	125	81	1	1
11453121000	3221912096333	10	10	133	87	1	1
11453121050	3221912096340	10.5	10.5	133	87	1	1
11453121100	3221912096357	11	11	142	94	1	1
11453121200	3221912096364	12	12	151	101	1	1
11453121300	3221912096371	13	13	151	101	1	1