

# 1145311 | Fully ground HSS metal drill bit - TiN-coated - Split point - Tri-flat shank **TECHNIC (Tube)**

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 stainless steel and high-strength steels
- Superior long life
- Rapid drilling
- Precise drilling
- Anti-rotation attachment
  
- Automatic centring
- Tri-flat shank
- High-speed steel
- 135° tip
- TiN coating



### Machine



### Application

<b>K</b> 2	<b>K</b> 3	<b>M</b> 1	<b>P</b> 1	<b>P</b> 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/mm<sup>2</sup>
- + 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
11453110400	3221912238641	4	4	75	43	43	1	10
11453110420	3221912239594	4,20	4.2	75	43		1	10
11453110100	3221912238566	1	1	34	12	12	1	10
11453110150	3221912238580	1.5	1.5	40	18	18	1	10
11453110200	3221912238597	2	2	49	24	24	1	10
11453110250	3221912238603	2.5	2.5	57	30	30	1	10

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11453110300	3221912238610	3	3	61	33	33	1	10
11453110320	3221912238627	3.2	3.2	65	36	36	1	10
11453110350	3221912238634	3.5	3.5	70	39	39	1	10
11453110450	3221912238658	4.5	4.5	80	52	52	1	10
11453110480	3221912238665	4.8	4.8	86	52	52	1	10
11453110500	3221912238672	5	5	86	52	52	1	10
11453110520	3221912238689	5.2	5.2	86	52	52	1	10
11453110550	3221912238696	5.5	5.5	93	57	57	1	10
11453110600	3221912238702	6	6	101	63	63	1	10
11453110620	3221912238719	6.2	6.2	101	63	63	1	10
11453110650	3221912238726	6.5	6.5	101	63	63	1	10
11453110700	3221912238733	7	7	109	69	69	1	10
11453110750	3221912238740	7.5	7.5	109	69	69	1	10
11453110800	3221912238757	8	8	117	75	75	1	10
11453110850	3221912238764	8.5	8.5	117	75	75	1	5
11453110900	3221912238771	9	9	125	81	81	1	5
11453110950	3221912238788	9.5	9.5	125	81	81	1	5
11453111000	3221912238795	10	10	133	87	87	1	5
11453111050	3221912238801	10.5	10.5	133	87	87	1	5
11453111100	3221912238818	11	11				1	5
11453111200	3221912238825	12	12	151	101	101	1	5
11453111300	3221912238832	13	13	151	101	101	1	5
11453111150	3221912280671	11.5	11.5	142	94	94	1	5
11453111250	3221912280688	12.5	12.5	151	101	101	1	5