

1140981 | Morse taper HSS metal drill bit -STEAM treatment -DIN345 -h8 -Conventional point

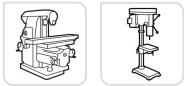
Morse taper drill for drilling high strength steels and cast iron.



- Especially for high-strength steels and cast irons
- Tough
- Precise drilling
- Versatile use
- Made in France

- Conventional point
- Morse taper shank
- 30° type N flute
- High-speed steel
- 118° tip

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

HSS	STEAM TREATED	DIN 345					3xd	h8
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Properties and benefits

- + Conventional grinding: with a standard point sharpening ➡ Simple and robust, for versatile use. Enables good hole precision and wear resistance.
- + Morse taper shank: conical tenon shank for pillar drills and machine tools. ➡ Enables direct attachment by friction inside the femal cone of the machine. Reduces radial run-out.
- + 30° type N flute: normal flute profile with a 30° helix angle. ➡ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm²
- + 118° tip: 118° tip angle for the sharpening of the drill bit. ➡ Suitable for general use in materials with long shavings. Enables the rapid attach of the material and simple centring.



Code	EAN	Ø	d2/CM	L	I	lu	QTY	PCB
11409810300	3221910177751	3	CM1	114	33		1	1
11409810350	3221910177799	3.5	CM1	120	39		1	1
11409810400	3221910177836	4	CM1	124	43		1	1
11409810420	3221910177850	4.2	CM1	124	43		1	1
11409810450	3221910177904	4.5	CM1	128	47		1	1
11409810500	3221910177973	5	CM1	133	52		1	1
11409810550	3221910178048	5.5	CM1	138	57		1	1
11409810600	3221910178123	6	CM1	138	57		1	1
11409810650	3221910178192	6.5	CM1	144	63		1	1
11409810680	3221910178239	6.8	CM1	150	69		1	1
11409810700	3221910178253	7	CM1	150	69		1	1
11409810750	3221910178321	7.5	CM1	150	69		1	1
11409810800	3221910178406	8	CM1	156	75		1	1

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11409810850	3221910178475	8.5	CM1	156	75	1	1
11409810900	3221910178543	9	CM1	162	81	1	1
11409810950	3221910178611	9.5	CM1	162	81	1	1
11409811000	3221910178697	10	CM1	168	87	1	1
11409811020	3221910178727	10.2	CM1	168	87	1	1
11409811050	3221910178772	10.5	CM1	168	87	1	1
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11409811150	3221910178918	11.5	CM1	175	94	1	1
11409811200	3221910178994	12	CM1	182	101	1	1
11409811250	3221910179052	12.5	CM1	182	101	1	1
11409811275	3221910179083	12.75	CM1	182	101	1	1
11409811300	3221910179113	13	CM1	182	101	1	1
11409811350	3221910179199	13.5	CM1	189	108	1	1
11409811400	3221910179267	14	CM1	189	108	1	1
11409811425	3221910179298	14.25	CM2	212	114	1	1
11409811450	3221910179342	14.5	CM2	212	114	1	1
11409811500	3221910179410	15	CM2	212	114	1	1
11409811550	3221910179496	15.5	CM2	218	120	1	1
11409811600	3221910179564	16	CM2	218	120	1	1
11409811650	3221910179632	16.5	CM2	223	125	1	1
11409811700	3221910179700	17	CM2	223	125	1	1
11409811750	3221910179786	17.5	CM2	228	130	1	1
11409811800	3221910179854	18	CM2	228	130	1	1
11409811850	3221910179922	18.5	CM2	233	135	1	1
11409811900	3221910179991	19	CM2	233	135	1	1
11409811950	3221910180072	19.5	CM2	238	140	1	1
11409812000	3221910180140	20	CM2	238	140	1	1
11409812050	3221910180218	20.5	CM2	243	145	1	1
11409812100	3221910180287	21	CM2	243	145	1	1
11409812150	3221910180362	21.5	CM2	248	150	1	1
11409812200	3221910180430	22	CM2	248	150	1	1
11409812250	3221910180515	22.5	CM2	253	155	1	1
11409812300	3221910180584	23	CM2	253	155	1	1
11409812350	3221910180621	23.5	CM3	276	155	1	1
11409812400	3221910180652	24	CM3	281	160	1	1
11409812450	3221910180690	24.5	CM3	281	160	1	1
11409812500	3221910180720	25	CM3	281	160	1	1
11409812550	3221910180768	25.5	CM3	286	165	1	1
11409812600	3221910180782	26	CM3	286	165	1	1
11409812650	3221910180805	26.5	CM3	286	165	1	1
11409812700	3221910180836	27	CM3	291	170	1	1
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11409812800	3221910180881	28	CM3	291	170	1	1
11409812850	3221910180904	28.5	CM3	296	175	1	1
11409812900	3221910180935	29	CM3	296	175	1	1
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11409813050	3221910181024	30.5	CM3	301	180	1	1
11409813100	3221910181048	31	CM3	301	180	1	1
11409813150	3221910181062	31.5	CM3	301	180	1	1
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11409813250	3221910181093	32.5	CM4	334	185	1	1
11409813300	3221910181116	33	CM4	334	185	1	1
11409813350	3221910181130	33.5	CM4	334	185	1	1
11409813400	3221910181147	34	CM4	339	190	1	1
11409813450	3221910181154	34.5	CM4	339	190	1	1
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11409813550	3221910181192	35.5	CM4	339	190	1	1
11409813600	3221910181215	36	CM4	344	195	1	1
11409813650	3221910181239	36.5	CM4	344	195	1	1
11409813700	3221910181253	37	CM4	344	195	1	1
11409813750	3221910181277	37.5	CM4	344	195	1	1
11409813800	3221910181284	38	CM4	349	200	1	1
11409813850	3221910181307	38.5	CM4	349	200	1	1
11409813900	3221910181321	39	CM4	349	200	1	1

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11409813950	3221910181338	39.5	CM4	349	200	1	1
11409814000	3221910181369	40	CM4	349	200	1	1
11409814100	3221910181390	41	CM4	354	205	1	1
11409814200	3221910181437	42	CM4	354	205	1	1
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11409814400	3221910181475	44	CM4	359	210	1	1
11409814500	3221910181512	45	CM4	359	210	1	1
11409814600	3221910181536	46	CM4	364	215	1	1
11409814700	3221910181550	47	CM4	364	215	1	1
11409814800	3221910181581	48	CM4	369	220	1	1
11409814900	3221910181604	49	CM4	369	220	1	1
11409815000	3221910181628	50	CM4	369	220	1	1
11409815100	3221910181659	51	CM5	412	225	1	1
11409815200	3221910181673	52	CM5	412	225	1	1
11409815300	3221910181697	53	CM5	412	225	1	1
11409815400	3221910181710	54	CM5	417	230	1	1
11409815500	3221910181734	55	CM5	417	230	1	1
11409815600	3221910181758	56	CM5	417	230	1	1
11409815700	3221910181772	57	CM5	422	235	1	1
11409815800	3221910181796	58	CM5	422	235	1	1
11409815900	3221910181819	59	CM5	422	235	1	1
11409816000	3221910181833	60	CM5	422	235	1	1