

D2103-CHA



3D 内冷直柄麻花钻 3XD Twist Drills with straight flank and Internal Cooling

HELICA 涂层 HELICA Coating

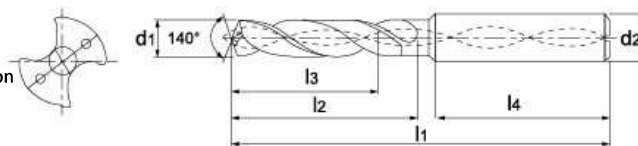
曲线刃口, 铲磨后角 Linear cutting edge, flach relief

适用被加工材料: 钢, 铸铁等 Materials to be cut: Steels, Cast Iron and so on

P	M	K	N	S
Steels	Stainless Steels	Cast Iron	Non-ferrous metals	Superalloys
34567	12	123	23	1234

最适合 Best suitable
 适合 Suitable

工件材料表见P69 Workpiece Materials, see Page 69



型号 Type	刃径 Diameter d1(m7)	螺纹尺寸M公制 Thread Size Metric	柄径 Diameter of Holder d2(h6)	总长 Total Length l1	槽长 Length of flute l2	最大切深 Max. cutting depth l3	柄长 Length of shank l4
D2103-CHA-D0500	5.00	M6	6.00	66	28	20	36
D2103-CHA-D0510	5.10		6.00	66	28	20	36
D2103-CHA-D0520	5.20		6.00	66	28	20	36
D2103-CHA-D0550	5.50		6.00	66	28	20	36
D2103-CHA-D0555	5.55		6.00	66	28	20	36
D2103-CHA-D0580	5.80		6.00	66	28	20	36
D2103-CHA-D0600	6.00		6.00	66	28	20	36
D2103-CHA-D0610	6.10		8.00	79	34	24	36
D2103-CHA-D0620	6.20		8.00	79	34	24	36
D2103-CHA-D0630	6.30		8.00	79	34	24	36
D2103-CHA-D0650	6.50		8.00	79	34	24	36
D2103-CHA-D0660	6.60		8.00	79	34	24	36
D2103-CHA-D0680	6.80	M8	8.00	79	34	24	36
D2103-CHA-D0690	6.90		8.00	79	34	24	36
D2103-CHA-D0700	7.00	M8X1	8.00	79	34	24	36
D2103-CHA-D0710	7.10		8.00	79	41	29	36
D2103-CHA-D0740	7.40		8.00	79	41	29	36
D2103-CHA-D0750	7.50		8.00	79	41	29	36
D2103-CHA-D0780	7.80		8.00	79	41	29	36
D2103-CHA-D0800	8.00		8.00	79	41	29	36
D2103-CHA-D0810	8.10		10.00	89	47	35	40
D2103-CHA-D0840	8.40		10.00	89	47	35	40
D2103-CHA-D0850	8.50	M10	10.00	89	47	35	40
D2103-CHA-D0860	8.60		10.00	89	47	35	40
D2103-CHA-D0870	8.70		10.00	89	47	35	40
D2103-CHA-D0880	8.80		10.00	89	47	35	40
D2103-CHA-D0900	9.00	M10X1	10.00	89	47	35	40
D2103-CHA-D0930	9.30		10.00	89	47	35	40
D2103-CHA-D0950	9.50		10.00	89	47	35	40
D2103-CHA-D0960	9.60		10.00	89	47	35	40

推荐切削用量见P59

Recommendation of cutting output see page P59

尺寸范围 Arrange of size	D(m7)	d(h6)
≥2-3	+0.002/+0.012	0.000/-0.006
>3-6	+0.004/+0.016	0.000/-0.008
>6-10	+0.06/+0.021	0.000/-0.009
>10-18	+0.007/+0.025	0.000/-0.011
>18-20	+0.008/+0.029	0.000/-0.013

单位(mm)
Unit(mm)

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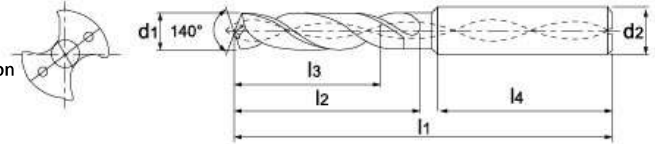
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工件材料表见P69 Workpiece Materials, see Page 69



型号 Type	刃径 Diameter d1(m7)	螺纹尺寸M公制 Thread Size Metric	柄径 Diameter of Holder d2(h6)	总长 Total Length l1	槽长 Length of flute l2	最大切深 Max. cutting depth l3	柄长 Length of shank l4
D2103-CHA-D0980	9.80		10.00	89	47	35	40
D2103-CHA-D1000	10.00		10.00	89	47	35	40
D2103-CHA-D1025	10.25	M12	12.00	102	55	40	45
D2103-CHA-D1040	10.40		12.00	102	55	40	45
D2103-CHA-D1050	10.50	M12X1.5	12.00	102	55	40	45
D2103-CHA-D1060	10.60		12.00	102	55	40	45
D2103-CHA-D1080	10.80		12.00	102	55	40	45
D2103-CHA-D1100	11.00		12.00	102	55	40	45
D2103-CHA-D1120	11.20		12.00	102	55	40	45
D2103-CHA-D1150	11.50		12.00	102	55	40	45
D2103-CHA-D1180	11.80		12.00	102	55	40	45
D2103-CHA-D1200	12.00	M14	12.00	102	55	40	45
D2103-CHA-D1225	12.25		14.00	107	60	43	45
D2103-CHA-D1250	12.50	M14X1.5	14.00	107	60	43	45
D2103-CHA-D1270	12.70		14.00	107	60	43	45
D2103-CHA-D1275	12.75		14.00	107	60	43	45
D2103-CHA-D1280	12.80		14.00	107	60	43	45
D2103-CHA-D1300	13.00		14.00	107	60	43	45
D2103-CHA-D1310	13.10		14.00	107	60	43	45
D2103-CHA-D1350	13.50		14.00	107	60	43	45
D2103-CHA-D1380	13.80		14.00	107	60	43	45
D2103-CHA-D1400	14.00	M16	14.00	107	60	43	45
D2103-CHA-D1425	14.25		16.00	115	65	45	48
D2103-CHA-D1450	14.50	M16X1.5	16.00	115	65	45	48
D2103-CHA-D1475	14.75		16.00	115	65	45	48
D2103-CHA-D1480	14.80		16.00	115	65	45	48
D2103-CHA-D1500	15.00		16.00	115	65	45	48
D2103-CHA-D1510	15.10		16.00	115	65	45	48
D2103-CHA-D1550	15.50		16.00	115	65	45	48
D2103-CHA-D1580	15.80		16.00	115	65	45	48

推荐切削用量见P59

Recommendation of cutting output see page P59

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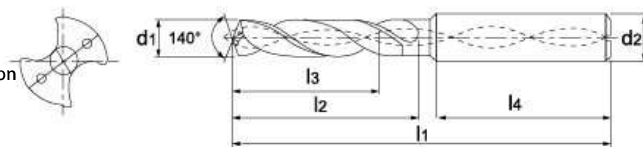
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D2103-CHA-D1600	16.00		16.00	115	65	45	48
D2103-CHA-D1650	16.50		18.00	123	73	51	48
D2103-CHA-D1675	16.75		18.00	123	73	51	48
D2103-CHA-D1680	16.80		18.00	123	73	51	48
D2103-CHA-D1700	17.00		18.00	123	73	51	48
D2103-CHA-D1750	17.50		18.00	123	73	51	48
D2103-CHA-D1780	17.80		18.00	123	73	51	48
D2103-CHA-D1800	18.00		18.00	123	73	51	48
D2103-CHA-D1850	18.50		20.00	131	79	55	50
D2103-CHA-D1880	18.80		20.00	131	79	55	50
D2103-CHA-D1900	19.00		20.00	131	79	55	50
D2103-CHA-D1950	19.50		20.00	131	79	55	50
D2103-CHA-D1980	19.80		20.00	131	79	55	50
D2103-CHA-D2000	20.00		20.00	131	79	55	50

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Recommendation of cutting output see page P59

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