

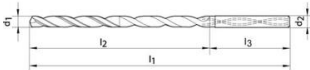
GUHRING Ratio drill with oil feed type 5512



Design: Ultra-fine grain-solid carbide, according to factory standard, type RT 100 U.
Fire coated surface, right cutting with special point geometry and ratio point thinning. Normal angle of rake, core thicker than normal and without core gradient, with internal cooling. The drill has a very good self-centring behaviour and produces short chips, even from long-chipping materials.

Hard metal application group: K/P ?universal use.
[Ultra-fine grain K05?K50/P05?P50]

Application: For accurate alignment drilling with narrow Ø tolerances and good surfaces. Suitable for drilling deep holes up to 7 x D with high cutting values. Particularly suitable for long and short-chipping materials such as construction and case-hardening steels, steel castings, tempered steels, carbon steels, bronzes, castings, high alloy AISi alloys and alloy steels up to 1200 N/mm² in strength.



Note: The drills can be sharpened and recoated several times.

With twisted internal cooling through the bar. The coolant directly accesses the blades and flushes the chips out of the hole.

Characteristics

Cutting direction: Right

Type: Twist drill

Coating: nanoFIRE

Cooling channel[Oil feed]: 1

Point angle: 140 °

Diameter mm	Cutting length mm	Total length mm	Holding system	Material	Article
3	30	70	Cylindrical	Solid carbide	12062779
3.57	35.5	75	Cylindrical	Solid carbide	12062787
4.4	45	85	Cylindrical	Solid carbide	12062795
4.5	45	85	Cylindrical	Solid carbide	12012158
4.76	50	90	Cylindrical	Solid carbide	12012161
5	50	90	Cylindrical	Solid carbide	12012163
5.4	57	97	Cylindrical	Solid carbide	12062802
6	57	97	Cylindrical	Solid carbide	12012165
6.8	66	106	Cylindrical	Solid carbide	12012168
7.6	76	116	Cylindrical	Solid carbide	12062813
8	76	116	Cylindrical	Solid carbide	12012172
8.5	87	131	Cylindrical	Solid carbide	12012173
10.2	106	155	Cylindrical	Solid carbide	12012178
14	133	182	Cylindrical	Solid carbide	12012187
15	152	204	Cylindrical	Solid carbide	12012189
20	190	244	Cylindrical	Solid carbide	12012200
					14594096
					14594087
					14594101
					14594093
					14594097
					14594103

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Diameter mm	Cutting length mm	Total length mm	Holding system	Material	Article
					14594084
					14594102
					14594090
					14594108
					14594094
					14594071
					14594085
					14594106
					14594099
					14594091
					14594095
					14594089
					14594107
					14594100
					14594088
					14594104
					14594092
					14594098
					14594086
					14594105

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