

GUHRING Ratio drill with oil feed type 5510

Design: Ultra-fine grain-solid carbide, DIN 6537, type RT 100 U.

Fire coated surface, right cutting with special point geometry and ratio point thinning. Normal angle of rake, core thickness thicker than normal and without core gradient. The drill has a very good self-centring behaviour and produces short chips, even from long-chipping materials.

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

Application: For accurate holes with narrow Ø tolerances and good surfaces. Suitable for drilling holes up to 3 x D with the best cutting values. Particularly suitable for long and short-chipping materials such as GGS and ADI, casting materials, grey cast iron, nodular graphite iron and malleable cast iron, high alloy AISi alloys and alloy steels up to 1200 N/mm² in strength.

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

Characteristics

Cutting direction: Right

DIN standard: 6537K

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
3.1	20	62	Cylindrical	Solid carbide	W90A-12060310
3.2	20	62	Cylindrical	Solid carbide	W90A-12060320
3.4	20	62	Cylindrical	Solid carbide	W90A-12060340
3.6	20	62	Cylindrical	Solid carbide	W90A-12060360
3.7	20	62	Cylindrical	Solid carbide	W90A-12060370
3.9	24	66	Cylindrical	Solid carbide	W90A-12060390
4.1	24	66	Cylindrical	Solid carbide	W90A-12060410
4.3	24	66	Cylindrical	Solid carbide	W90A-12060430
4.4	24	66	Cylindrical	Solid carbide	W90A-12060440
4.7	24	66	Cylindrical	Solid carbide	W90A-12060470
4.9	28	66	Cylindrical	Solid carbide	W90A-12060490
5.1	28	66	Cylindrical	Solid carbide	W90A-12060510
5.2	28	66	Cylindrical	Solid carbide	W90A-12060520
5.3	28	66	Cylindrical	Solid carbide	W90A-12060530
5.4	28	66	Cylindrical	Solid carbide	W90A-12060540
5.6	28	66	Cylindrical	Solid carbide	W90A-12060560
5.9	28	66	Cylindrical	Solid carbide	W90A-12060590
6.1	34	79	Cylindrical	Solid carbide	W90A-12060610
6.2	34	79	Cylindrical	Solid carbide	W90A-12060620
6.3	34	79	Cylindrical	Solid carbide	W90A-12060630
6.4	34	79	Cylindrical	Solid carbide	W90A-12060640
6.6	34	79	Cylindrical	Solid carbide	W90A-12060660
6.7	34	79	Cylindrical	Solid carbide	W90A-12060670
6.9	34	79	Cylindrical	Solid carbide	W90A-12060690
7.1	41	79	Cylindrical	Solid carbide	W90A-12060710
7.2	41	79	Cylindrical	Solid carbide	W90A-12060720
7.3	41	79	Cylindrical	Solid carbide	W90A-12060730

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Diameter mm	Cutting length mm	Total length mm	Holding system	Material	Article
7.6	41	79	Cylindrical	Solid carbide	W90A-12060760
7.7	41	79	Cylindrical	Solid carbide	W90A-12060770
7.9	41	79	Cylindrical	Solid carbide	W90A-12060790
8.1	47	89	Cylindrical	Solid carbide	W90A-12060810
8.2	47	89	Cylindrical	Solid carbide	W90A-12060820
8.3	47	89	Cylindrical	Solid carbide	W90A-12060830
8.4	47	89	Cylindrical	Solid carbide	W90A-12060840
8.6	47	89	Cylindrical	Solid carbide	W90A-12060860
8.7	47	89	Cylindrical	Solid carbide	W90A-12060870
8.9	47	89	Cylindrical	Solid carbide	W90A-12060890
9.1	47	89	Cylindrical	Solid carbide	W90A-12060910
9.2	47	89	Cylindrical	Solid carbide	W90A-12060920
9.4	47	89	Cylindrical	Solid carbide	W90A-12060940
9.6	47	89	Cylindrical	Solid carbide	W90A-12060960
9.7	47	89	Cylindrical	Solid carbide	W90A-12060970
9.9	47	89	Cylindrical	Solid carbide	W90A-12060990
10.1	55	102	Cylindrical	Solid carbide	W90A-12061010
10.3	55	102	Cylindrical	Solid carbide	W90A-12061030
10.4	55	102	Cylindrical	Solid carbide	W90A-12061040
10.6	55	102	Cylindrical	Solid carbide	W90A-12061060
10.8	55	102	Cylindrical	Solid carbide	W90A-12061080
10.9	55	102	Cylindrical	Solid carbide	W90A-12061090
11.1	55	102	Cylindrical	Solid carbide	W90A-12061110
11.3	55	102	Cylindrical	Solid carbide	W90A-12061130
11.4	55	102	Cylindrical	Solid carbide	W90A-12061140
11.6	55	102	Cylindrical	Solid carbide	W90A-12061160
11.8	55	102	Cylindrical	Solid carbide	W90A-12061180
11.9	55	102	Cylindrical	Solid carbide	W90A-12061190
12.2	60	107	Cylindrical	Solid carbide	W90A-12061220
14.2	65	115	Cylindrical	Solid carbide	W90A-12061420
15.2	65	115	Cylindrical	Solid carbide	W90A-12061520

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