

GUHRING Ratio drill with oil feed type 5610

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 AlSi alloys and alloy steels up to 1200 N/mm² in strength.

With twisted internal cooling through the bar.

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	Whistle notch	Solid carbide	W90A-12090310
3.2	20	62	Whistle notch	Solid carbide	W90A-12090320
3.4	20	62	Whistle notch	Solid carbide	W90A-12090340
3.6	20	62	Whistle notch	Solid carbide	W90A-12090360
3.7	20	62	Whistle notch	Solid carbide	W90A-12090370
3.9	24	66	Whistle notch	Solid carbide	W90A-12090390
4.1	24	66	Whistle notch	Solid carbide	W90A-12090410
4.3	24	66	Whistle notch	Solid carbide	W90A-12090430
4.4	24	66	Whistle notch	Solid carbide	W90A-12090440
4.65	24	66	Whistle notch	Solid carbide	W90A-12090465
4.7	24	66	Whistle notch	Solid carbide	W90A-12090470
4.9	28	66	Whistle notch	Solid carbide	W90A-12090490
5.1	28	66	Whistle notch	Solid carbide	W90A-12090510
5.2	28	66	Whistle notch	Solid carbide	W90A-12090520
5.3	28	66	Whistle notch	Solid carbide	W90A-12090530
5.4	28	66	Whistle notch	Solid carbide	W90A-12090540
5.55	28	66	Whistle notch	Solid carbide	W90A-12090555
5.6	28	66	Whistle notch	Solid carbide	W90A-12090560
5.9	28	66	Whistle notch	Solid carbide	W90A-12090590
6.1	34	79	Whistle notch	Solid carbide	W90A-12090610
6.2	34	79	Whistle notch	Solid carbide	W90A-12090620
6.3	34	79	Whistle notch	Solid carbide	W90A-12090630
6.4	34	79	Whistle notch	Solid carbide	W90A-12090640
6.6	34	79	Whistle notch	Solid carbide	W90A-12090660
6.7	34	79	Whistle notch	Solid carbide	W90A-12090670
6.9	34	79	Whistle notch	Solid carbide	W90A-12090690
7.1	41	79	Whistle notch	Solid carbide	W90A-12090710
7.2	41	79	Whistle notch	Solid carbide	W90A-12090720

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Diameter	Cutting length	Total length	Holding system	Material	Article
mm	mm	mm			
7.3	41	79	Whistle notch	Solid carbide	W90A-12090730
7.6	41	79	Whistle notch	Solid carbide	W90A-12090760
7.7	41	79	Whistle notch	Solid carbide	W90A-12090770
7.9	41	79	Whistle notch	Solid carbide	W90A-12090790
8.1	47	89	Whistle notch	Solid carbide	W90A-12090810
8.2	47	89	Whistle notch	Solid carbide	W90A-12090820
8.3	47	89	Whistle notch	Solid carbide	W90A-12090830
8.4	47	89	Whistle notch	Solid carbide	W90A-12090840
8.6	47	89	Whistle notch	Solid carbide	W90A-12090860
8.7	47	89	Whistle notch	Solid carbide	W90A-12090870
8.9	47	89	Whistle notch	Solid carbide	W90A-12090890
9.1	47	89	Whistle notch	Solid carbide	W90A-12090910
9.2	47	89	Whistle notch	Solid carbide	W90A-12090920
9.25	47	89	Whistle notch	Solid carbide	W90A-12090925
9.4	47	89	Whistle notch	Solid carbide	W90A-12090940
9.6	47	89	Whistle notch	Solid carbide	W90A-12090960
9.7	47	89	Whistle notch	Solid carbide	W90A-12090970
9.9	47	89	Whistle notch	Solid carbide	W90A-12090990
10.1	55	102	Whistle notch	Solid carbide	W90A-12091010
10.3	55	102	Whistle notch	Solid carbide	W90A-12091030
10.6	55	102	Whistle notch	Solid carbide	W90A-12091060
10.8	55	102	Whistle notch	Solid carbide	W90A-12091080
10.9	55	102	Whistle notch	Solid carbide	W90A-12091090
11.1	55	102	Whistle notch	Solid carbide	W90A-12091110
11.3	55	102	Whistle notch	Solid carbide	W90A-12091130
11.4	55	102	Whistle notch	Solid carbide	W90A-12091140
11.6	55	102	Whistle notch	Solid carbide	W90A-12091160
11.8	55	102	Whistle notch	Solid carbide	W90A-12091180
11.9	55	102	Whistle notch	Solid carbide	W90A-12091190
12.2	60	107	Whistle notch	Solid carbide	W90A-12091220
14.2	65	115	Whistle notch	Solid carbide	W90A-12091420
15.2	65	115	Whistle notch	Solid carbide	W90A-12091520

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