

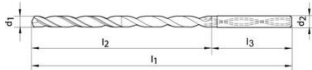
GUHRING Ratio drill with oil feed type 5612



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	Whistle notch	Solid carbide	W90A-12270300
3.1	30	70	Whistle notch	Solid carbide	W90A-12270310
3.17	30	70	Whistle notch	Solid carbide	W90A-12270317
3.2	30	70	Whistle notch	Solid carbide	W90A-12270320
3.25	30	70	Whistle notch	Solid carbide	W90A-12270325
3.3	30	70	Whistle notch	Solid carbide	W90A-12270330
3.4	35.5	75	Whistle notch	Solid carbide	W90A-12270340
3.5	35.5	75	Whistle notch	Solid carbide	W90A-12270350
3.57	35.5	75	Whistle notch	Solid carbide	W90A-12270357
3.6	35.5	75	Whistle notch	Solid carbide	W90A-12270360
3.7	35.5	75	Whistle notch	Solid carbide	W90A-12270370
3.8	37.5	75	Whistle notch	Solid carbide	W90A-12270380
3.9	37.5	75	Whistle notch	Solid carbide	W90A-12270390
3.97	37.5	75	Whistle notch	Solid carbide	W90A-12270397
4	37.5	75	Whistle notch	Solid carbide	W90A-12270400
4.1	37.5	75	Whistle notch	Solid carbide	W90A-12270410
4.2	37.5	75	Whistle notch	Solid carbide	W90A-12270420
4.3	45	85	Whistle notch	Solid carbide	W90A-12270430
4.37	45	85	Whistle notch	Solid carbide	W90A-12270437
4.4	45	85	Whistle notch	Solid carbide	W90A-12270440
4.5	45	85	Whistle notch	Solid carbide	W90A-12270450
4.6	45	85	Whistle notch	Solid carbide	W90A-12270460

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Diameter	Cutting length	Total length	Holding system	Material	Article
mm	mm	mm			
4.65	45	85	Whistle notch	Solid carbide	W90A-12270465
4.7	45	85	Whistle notch	Solid carbide	W90A-12270470
4.76	50	90	Whistle notch	Solid carbide	W90A-12270476
4.8	50	90	Whistle notch	Solid carbide	W90A-12270480
4.9	50	90	Whistle notch	Solid carbide	W90A-12270490
5	50	90	Whistle notch	Solid carbide	W90A-12270500
5.1	50	90	Whistle notch	Solid carbide	W90A-12270510
5.16	50	90	Whistle notch	Solid carbide	W90A-12270516
5.2	50	90	Whistle notch	Solid carbide	W90A-12270520
5.3	50	90	Whistle notch	Solid carbide	W90A-12270530
5.4	57	97	Whistle notch	Solid carbide	W90A-12270540
5.5	57	97	Whistle notch	Solid carbide	W90A-12270550
5.7	57	97	Whistle notch	Solid carbide	W90A-12270570
5.8	57	97	Whistle notch	Solid carbide	W90A-12270580
5.9	57	97	Whistle notch	Solid carbide	W90A-12270590
6	57	97	Whistle notch	Solid carbide	W90A-12270600
6.2	66	106	Whistle notch	Solid carbide	W90A-12270620
6.3	66	106	Whistle notch	Solid carbide	W90A-12270630
6.35	66	106	Whistle notch	Solid carbide	W90A-12270635
6.5	66	106	Whistle notch	Solid carbide	W90A-12270650
6.6	66	106	Whistle notch	Solid carbide	W90A-12270660
6.7	66	106	Whistle notch	Solid carbide	W90A-12270670
6.8	66	106	Whistle notch	Solid carbide	W90A-12270680
6.9	76	116	Whistle notch	Solid carbide	W90A-12270690
7	76	116	Whistle notch	Solid carbide	W90A-12270700
7.1	76	116	Whistle notch	Solid carbide	W90A-12270710
7.2	76	116	Whistle notch	Solid carbide	W90A-12270720
7.5	76	116	Whistle notch	Solid carbide	W90A-12270750
7.6	76	116	Whistle notch	Solid carbide	W90A-12270760
7.7	76	116	Whistle notch	Solid carbide	W90A-12270770
7.8	76	116	Whistle notch	Solid carbide	W90A-12270780
8	76	116	Whistle notch	Solid carbide	W90A-12270800
8.1	87	131	Whistle notch	Solid carbide	W90A-12270810
8.2	87	131	Whistle notch	Solid carbide	W90A-12270820
8.4	87	131	Whistle notch	Solid carbide	W90A-12270840
8.5	87	131	Whistle notch	Solid carbide	W90A-12270850
8.6	87	131	Whistle notch	Solid carbide	W90A-12270860
8.7	87	131	Whistle notch	Solid carbide	W90A-12270870
8.8	87	131	Whistle notch	Solid carbide	W90A-12270880
9	87	131	Whistle notch	Solid carbide	W90A-12270900
9.1	95	139	Whistle notch	Solid carbide	W90A-12270910
9.2	95	139	Whistle notch	Solid carbide	W90A-12270920
9.3	95	139	Whistle notch	Solid carbide	W90A-12270930
9.4	95	139	Whistle notch	Solid carbide	W90A-12270940
9.5	95	139	Whistle notch	Solid carbide	W90A-12270950
9.52	95	139	Whistle notch	Solid carbide	W90A-12270952
9.7	95	139	Whistle notch	Solid carbide	W90A-12270970
9.8	95	139	Whistle notch	Solid carbide	W90A-12270980
9.9	95	139	Whistle notch	Solid carbide	W90A-12270990
10	95	139	Whistle notch	Solid carbide	W90A-12271000
10.2	106	155	Whistle notch	Solid carbide	W90A-12271020
10.5	106	155	Whistle notch	Solid carbide	W90A-12271050
10.8	106	155	Whistle notch	Solid carbide	W90A-12271080

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Diameter mm	Cutting length mm	Total length mm	Holding system	Material	Article
11	106	155	Whistle notch	Solid carbide	W90A-12271100
11.2	114	163	Whistle notch	Solid carbide	W90A-12271120
11.5	114	163	Whistle notch	Solid carbide	W90A-12271150
11.8	114	163	Whistle notch	Solid carbide	W90A-12271180
12	114	163	Whistle notch	Solid carbide	W90A-12271200
12.2	133	182	Whistle notch	Solid carbide	W90A-12271220
12.5	133	182	Whistle notch	Solid carbide	W90A-12271250
12.7	133	182	Whistle notch	Solid carbide	W90A-12271270
13	133	182	Whistle notch	Solid carbide	W90A-12271300
13.5	133	182	Whistle notch	Solid carbide	W90A-12271350
14	133	182	Whistle notch	Solid carbide	W90A-12271400
14.2	152	204	Whistle notch	Solid carbide	W90A-12271420
14.5	152	204	Whistle notch	Solid carbide	W90A-12271450
15	152	204	Whistle notch	Solid carbide	W90A-12271500
15.5	152	204	Whistle notch	Solid carbide	W90A-12271550
16	152	204	Whistle notch	Solid carbide	W90A-12271600
16.5	171	223	Whistle notch	Solid carbide	W90A-12271650
17	171	223	Whistle notch	Solid carbide	W90A-12271700
17.5	171	223	Whistle notch	Solid carbide	W90A-12271750
18	171	223	Whistle notch	Solid carbide	W90A-12271800
18.5	190	244	Whistle notch	Solid carbide	W90A-12271850
19	190	244	Whistle notch	Solid carbide	W90A-12271900
19.05	190	244	Whistle notch	Solid carbide	W90A-12271905
19.5	190	244	Whistle notch	Solid carbide	W90A-12271950
20	190	244	Whistle notch	Solid carbide	W90A-12272000

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