

GUHRING Ratio drill with oil feed type 5525

Design: Ultra-fine grain-solid carbide, according to factory standard, type RT 100 U.

Fire coated surface, right cutting with special geometry and ratio point thinning. With internal cooling.

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.

Hard metal 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 deep holes up to 12 x D with high cutting values. Particularly suitable for economical production of deep drill holes in steel, castings and non-ferrous metals.

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

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	50	90	Cylindrical	Solid carbide	W90A-12280300
3.1	50	90	Cylindrical	Solid carbide	W90A-12280310
3.17	50	90	Cylindrical	Solid carbide	W90A-12280317
3.2	50	90	Cylindrical	Solid carbide	W90A-12280320
3.3	50	90	Cylindrical	Solid carbide	W90A-12280330
3.4	50	90	Cylindrical	Solid carbide	W90A-12280340
3.5	50	90	Cylindrical	Solid carbide	W90A-12280350
3.6	50	90	Cylindrical	Solid carbide	W90A-12280360
3.7	50	90	Cylindrical	Solid carbide	W90A-12280370
3.8	64	102	Cylindrical	Solid carbide	W90A-12280380
3.9	64	102	Cylindrical	Solid carbide	W90A-12280390
4.1	64	102	Cylindrical	Solid carbide	W90A-12280410
4.4	64	102	Cylindrical	Solid carbide	W90A-12280440
4.6	64	102	Cylindrical	Solid carbide	W90A-12280460
4.7	64	102	Cylindrical	Solid carbide	W90A-12280470
4.8	78	116	Cylindrical	Solid carbide	W90A-12280480
4.9	78	116	Cylindrical	Solid carbide	W90A-12280490
5.1	78	116	Cylindrical	Solid carbide	W90A-12280510
5.2	78	116	Cylindrical	Solid carbide	W90A-12280520
5.3	78	116	Cylindrical	Solid carbide	W90A-12280530
5.4	78	116	Cylindrical	Solid carbide	W90A-12280540
5.6	78	116	Cylindrical	Solid carbide	W90A-12280560
5.7	78	116	Cylindrical	Solid carbide	W90A-12280570
5.8	78	116	Cylindrical	Solid carbide	W90A-12280580
5.9	78	116	Cylindrical	Solid carbide	W90A-12280590
6.1	108	146	Cylindrical	Solid carbide	W90A-12280610
6.2	108	146	Cylindrical	Solid carbide	W90A-12280620
6.3	108	146	Cylindrical	Solid carbide	W90A-12280630
6.4	108	146	Cylindrical	Solid carbide	W90A-12280640

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Diameter	Cutting length	Total length	Holding system	Material	Article
mm	mm	mm			
6.6	108	146	Cylindrical	Solid carbide	W90A-12280660
6.7	108	146	Cylindrical	Solid carbide	W90A-12280670
6.9	108	146	Cylindrical	Solid carbide	W90A-12280690
7.1	108	146	Cylindrical	Solid carbide	W90A-12280710
7.2	108	146	Cylindrical	Solid carbide	W90A-12280720
7.3	108	146	Cylindrical	Solid carbide	W90A-12280730
7.4	108	146	Cylindrical	Solid carbide	W90A-12280740
7.6	108	146	Cylindrical	Solid carbide	W90A-12280760
7.7	108	146	Cylindrical	Solid carbide	W90A-12280770
7.8	108	146	Cylindrical	Solid carbide	W90A-12280780
7.9	108	146	Cylindrical	Solid carbide	W90A-12280790
8.1	120	162	Cylindrical	Solid carbide	W90A-12280810
8.2	120	162	Cylindrical	Solid carbide	W90A-12280820
8.3	120	162	Cylindrical	Solid carbide	W90A-12280830
8.4	120	162	Cylindrical	Solid carbide	W90A-12280840
8.6	120	162	Cylindrical	Solid carbide	W90A-12280860
8.7	120	162	Cylindrical	Solid carbide	W90A-12280870
8.8	120	162	Cylindrical	Solid carbide	W90A-12280880
8.9	120	162	Cylindrical	Solid carbide	W90A-12280890
9.1	120	162	Cylindrical	Solid carbide	W90A-12280910
9.2	120	162	Cylindrical	Solid carbide	W90A-12280920
9.3	120	162	Cylindrical	Solid carbide	W90A-12280930
9.4	120	162	Cylindrical	Solid carbide	W90A-12280940
9.6	120	162	Cylindrical	Solid carbide	W90A-12280960
9.7	120	162	Cylindrical	Solid carbide	W90A-12280970
9.8	120	162	Cylindrical	Solid carbide	W90A-12280980
9.9	120	162	Cylindrical	Solid carbide	W90A-12280990
15.5	208	260	Cylindrical	Solid carbide	W90A-12281550
17.5	234	285	Cylindrical	Solid carbide	W90A-12281750
18.5	258	310	Cylindrical	Solid carbide	W90A-12281850
19.5	258	310	Cylindrical	Solid carbide	W90A-12281950

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