



GÜHRING



FACELIFT
2026

SuperLine

RT 100 U

The all-rounder for universal drilling



RT 100 U - Facelift

Upgrade for your efficiency

The Facelift for universal drilling.

Our solid carbide classic – now with noticeable improvements: For years, the RT 100 U has stood for reliable drilling in an exceptionally wide range of materials. We are consistently developing this proven concept further – with a clear goal: **longer tool life, greater process reliability and an even better price-performance ratio.** And best of all: for you as a user, these new advantages come at no extra cost.

What is behind the Facelift?

The decisive innovation is a new surface finish. It specifically optimises the cutting area of the tool and significantly improves layer adhesion. The result: you get a powerful drilling tool with a significantly longer tool life and high reliability – even with changing operating conditions and materials.



NEW

Homogeneous design of the tool cutting edges for even more reliable hole machining

Tip geometry with special sharpening and 2-facet point grind

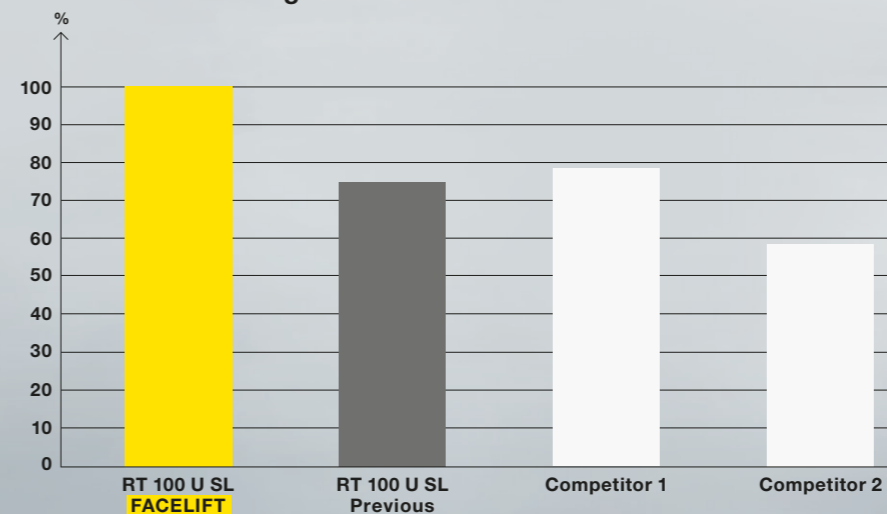
Wear-resistant nanoFIRE coating

NEW

Optimised layer adhesion

P	M	K	N	S	H	Tool illustration	Drilling depth	Shank form	Type	Standard	Tool material	Surface	d1/mm	Article no.
•	○	○	○	○	○		3xD	HA	RT 100 U	DIN 6537K	VHM	F	3.000 - 20.000	5510
•	○	○	○	○	○		3xD	HE	RT 100 U	DIN 6537K	VHM	F	3.000 - 20.000	5610
•	○	○	○	○	○		3xD	HB	RT 100 U	DIN 6537K	VHM	F	3.000 - 20.000	6023
•	○	○	○	○	○		5xD	HA	RT 100 U	WN	VHM	A	1.000 - 3.000	6497
•	○	○	○	○	○		5xD	HA	RT 100 U	DIN 6537L	VHM	F	2.500 - 20.000	5511
•	○	○	○	○	○		5xD	HE	RT 100 U	DIN 6537L	VHM	F	3.000 - 20.000	5611
•	○	○	○	○	○		5xD	HB	RT 100 U	DIN 6537L	VHM	F	3.000 - 20.000	5650
•	○	○	○	○	○		7xD	HA	RT 100 U	WN	VHM	F	3.000 - 20.000	5512
•	○	○	○	○	○		7xD	HE	RT 100 U	WN	VHM	F	3.000 - 20.000	5612
•	○	○	○	○	○		12xD	HA	RT 100 U	WN	VHM	F	3.000 - 20.000	5525
Ratio drills without coolant ducts														
•	○	○	○	○	○		3xD	HA	RT 100 U	DIN 6537K	VHM	F	3.000 - 20.000	5514
•	○	○	○	○	○		3xD	HE	RT 100 U	DIN 6537K	VHM	F	3.000 - 20.000	5614
•	○	○	○	○	○		3xD	HB	RT 100 U	DIN 6537K	VHM	F	3.000 - 20.000	6026
•	○	○	○	○	○		5xD	HA	RT 100 U	DIN 6537L	VHM	F	2.500 - 20.000	5515
•	○	○	○	○	○		5xD	HE	RT 100 U	DIN 6537L	VHM	F	3.000 - 20.000	5615
•	○	○	○	○	○		5xD	HB	RT 100 U	DIN 6537L	VHM	F	3.000 - 20.000	5651
Step ratio drill with coolant ducts														
•	○	○	○	○	○		3xD	HA	RT 100 U	WN	VHM	F	6.000 - 18.000	6407

Tool life diagram: RT 100 U SL



Tool: #5511, 5xD
 Dimension: d= 6.8 mm
 Cutting speed: 110 m/min
 Feed rate: 0.2 mm/U
 Drilling depth: 34 mm
 Cooling: Emulsion 8 %
 Material: 42CrMo4

x Tool life increased by up to 25 %



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