

GUHRING



NESTING TOOLS

Guhring Australia manufactures a complete range
of rotary carbide solutions for all of today's challenges

Particle Board | MDF | Wood | Plastic | Aluminium | Composite

GUHRING

1800 639 991

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NEW Signum Coating
Technology

Up to 60% longer tool life

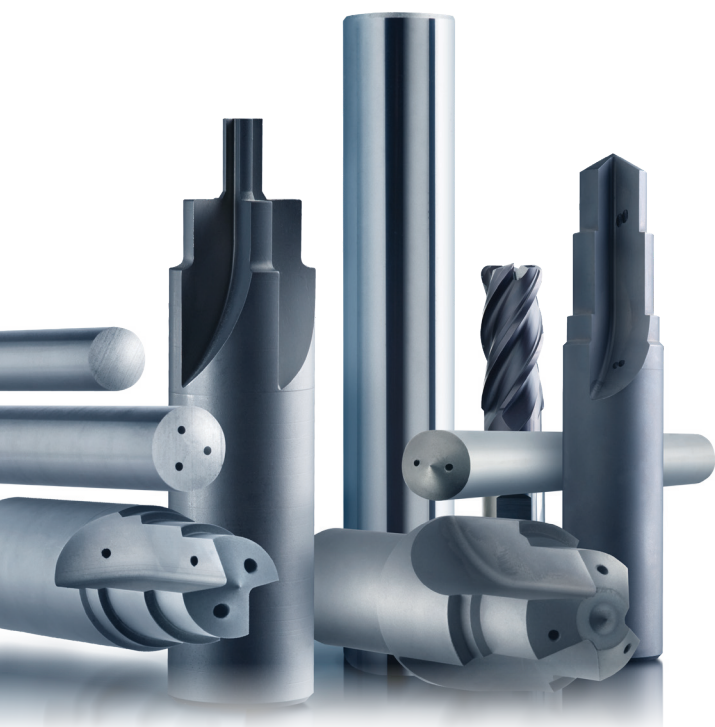
SPECIAL TOOLS AND RE-GRINDING SERVICE



Guhring Australia has become a one-stop shop for offering a range of high performance cutting tool solutions, including a local Production and Service Division that manufactures solid carbide special tools in-house, from step drills and reamers to complex form tools and milling cutters. The local grinding division also offers a comprehensive resharpener service for both original Guhring tools as well as competitor products. The division is also equipped with its own in-house PVD coating centre for depositing a range of advanced ceramic coatings.

“THE SHORTEST DELIVERY TIMES FOR THE HIGHEST QUALITY SPECIAL TOOLS WITH PVD COATING!”

Guhring Australia draws on the wealth of knowledge and experience from our eleven years since setting up our special tools division. In addition, with support from our parent company in Germany, we are able to offer rapid delivery of custom-made special tools at highly competitive prices, complete with in-house coating facilities. If the need arises our highly experienced local team can deliver special coated carbide cutting tools within 48 hours. No other cutting tool company can offer such a rapid and complete solution in Australia.



High quality carbide

Guhring Australia uses only German-made Guhring carbide rods for the in-house production of special tools. A large range of carbide rods are kept in stock to meet the increasing demands from the machine-tool industry for the highest possible performance from specialist cutting tools.

Re-grinding

Worn tools don't belong on the scrap heap. Regrinding can offer a highly cost effective solution to reduce overall tooling costs by regrinding and recoating tools to near as-new condition. The service is not only for Guhring tools but also competitor products.

Get a quotation now

Quotation within 24 hours!
Tool delivery within 3 weeks!
Call us on 1800 639 991

CONTENT

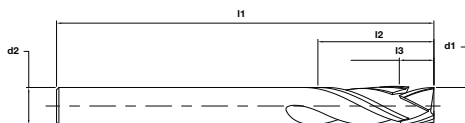
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COMPRESSION CUTTERS (3 - FLUTED)

The compression cutter flute design enables optimal feed rate and non-chipping of the work piece with laminated materials due to apposing helixes. Available with different up-cut values for specific applications. RPM range of 16,000-35,000 and feed-rates of 15-40m/min can be achieved. Used in collet chucks, hydraulic and shrink fit chucks.

Application: Double-sided laminate and veneered wood composites.

Standard	Guhring Std.
Tool Material	Solid Carbide Bright - Signum Coated
Surface	○ ●
Shank Form	HA



d1 mm	d2 mm	l1 mm	l2 mm	l3 mm	z
6.35	6.35	64	20	5	3
8.00	8.00	76	20	5	3
9.52	9.52	76	24	5	3
9.52	9.52	76	24	10	3
9.52	9.52	76	28	5	3
9.52	9.52	76	28	10	3
10.00	10.00	75	24	5	3
10.00	10.00	75	24	10	3
10.00	10.00	75	28	5	3
10.00	10.00	75	28	10	3
12.00	12.00	85	28	10	3
12.00	12.00	85	20	7	3
12.00	12.00	100	38	10	3
12.75	12.75	85	38	10	3
12.75	12.75	100	38	10	3
16.00	16.00	110	55	10	3

CODE NO.	AVAILABILITY
C3R 6.3520.00B	○
C3R 8.00205B	○
C3R 9.52245B	○
C3R 9.522410B	○
C3R 9.52285B	○
C3R 9.522810B	○
C3R 10.00245B	○
C3R 10.002410B	○
C3R 10.00285B	○
C3R 10.002810B	○
C3R 12.002810B	○
C3R 12.00207B	○
C3R 12.003810B	○
C3R 12.753810B	○
C3R 12.753810B	○
C3R 16.005510B	○

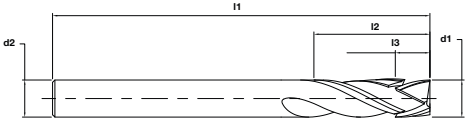
How to order? Follow the components of the code.

Name of tool - Flutes - Helix - D1 - L2 - L3 - Coated/Uncoated
[C - Compression Spiral | R - Right-handed | B - Uncoated]

*Available in custom sizes upon request. Helix mentioned in the code is a guide to order. Left and Right hand helix are available upon request.
Visit www.guhring.com.au or call us at 1800 639 991

COMPRESSION CUTTERS (2 - FLUTED)

Standard	Guhring Std.	
Tool Material	Solid Carbide Bright - Signum Coated	
Surface	○	●
Shank Form	HA	



d1 mm	d2 mm	l1 mm	l2 mm	l3 mm	z	CODE NO.	AVAILABILITY
6.00	6.00	64	20	5	2	C2R 6.00205B	○
6.35	6.35	64	20	5	2	C2R 6.35205B	○
8.00	8.00	76	20	5	2	C2R 8.00205B	○
9.52	9.52	76	24	5	2	C2R 9.52245B	○
9.52	9.52	76	24	10	2	C2R 9.522410B	○
9.52	9.52	76	28	5	2	C2R 9.52285B	○
10.00	9.52	76	28	10	2	C2R 9.522810B	○
10.00	10.00	76	24	5	2	C2R 10.00245B	○
10.00	10.00	76	24	10	2	C2R 10.002410B	○
10.00	10.00	80	28	5	2	C2R 10.00285B	○
10.00	10.00	80	28	10	2	C2R 10.002810B	○
12.00	12.00	100	38	10	2	C2R 12.003810B	○
12.75	12.75	100	38	10	2	C2R 12.753810B	○
16.00	16.00	110	55	10	2	C2R 16.005510B	○

How to order? Follow the components of the code.
Name of tool - Flutes - Helix - D1 - L2 - L3 - Coated/Uncoated
[C - Compression Spiral | R - Right-Handed | B - Uncoated]

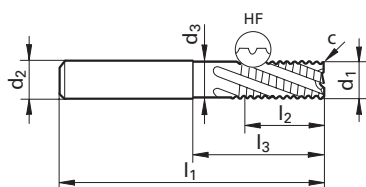
*Available in custom sizes upon request. Helix mentioned in the code is a guide to order. Left and Right hand helix are available upon request.
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ROUGHING CUTTERS (RIGHT-HAND)

Designed with unique knuckle form cutting edge design for extremely fast machining and roughing applications when finish is not of concern. Faster chip removal with upcut version. Better hold down with down-cut version.

Application: Soft Wood, Hard Wood, Wood Composites, Hard Plastic, Soft Plastic

Standard	Guhring Std.
Tool Material	Solid Carbide Bright - Signum Coated
Surface	○ ●
Shank Form	HA



d1 mm	d2 mm	l1 mm	l2 mm	z
10.00	10.00	75	20	3
12.00	12.00	80	35	3
12.00	12.00	100	45	3
12.70	12.70	100	45	3
14.00	14.00	100	45	3
16.00	16.00	110	55	3
20.00	20.00	130	70	3

CODE NO.	AVAILABILITY
R3R 10.0020B	○
R3R 12.0035B	○
R3R 12.0045B	○
R3R 12.7045B	○
R3R 14.0045B	○
R3R 16.0055B	○
R3R 20.0070B	○

LONG SERIES :

d1 mm	d2 mm	l1 mm	l2 mm	l3 mm	z
5.00	5.00	75	30.0	47.0	3
6.00	6.00	75	30.0	39.0	3
8.00	8.00	100	40.0	64.0	3
10.00	10.00	100	40.0	60.0	3
12.00	12.00	150	45.0	105.0	3
16.00	16.00	150	65.0	102.0	3
20.00	20.00	150	65.0	100.0	3

CODE NO.	AVAILABILITY
R3RLS 5.0030B	○
R3RLS 6.0030B	○
R3RLS 8.0040B	○
R3RLS 10.0040B	○
R3RLS 12.0045B	○
R3RLS 16.0065B	○
R3RLS 20.0065B	○

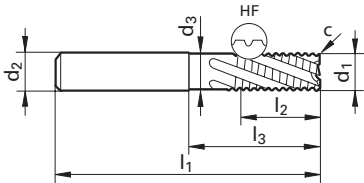
How to order? Follow the components of the code.

Name of tool - Flutes - Helix - D1 - L2 - Coated/Uncoated
[R - Roughing Spiral | R - Right-handed | B - Uncoated]

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

ROUGHING CUTTERS (LEFT-HAND)

Standard	Guhring Std.
Tool Material	Solid Carbide Bright - Signum Coated
Surface	 
Shank Form	HA



d1	d2	l1	l2	z
mm	mm	mm	mm	
10.00	10.00	75	20	3
12.00	12.00	80	35	3
12.00	12.00	100	45	3
12.70	12.70	100	45	3
14.00	14.00	100	45	3
16.00	16.00	110	55	3
20.00	20.00	130	70	3

CODE NO.	AVAILABILITY
R3L 10.0020B	○
R3L 12.0035B	○
R3L 12.0045B	○
R3L 12.7045B	○
R3L 14.0045B	○
R3L 16.0055B	○
R3L 20.0070B	○

LONG SERIES :

d1	d2	l1	l2	l3	z
mm	mm	mm	mm	mm	
5.00	5.00	75	30.0	47.0	3
6.00	6.00	75	30.0	39.0	3
8.00	8.00	100	40.0	64.0	3
10.00	10.00	100	40.0	60.0	3
12.00	12.00	150	45.0	105.0	3
16.00	16.00	150	65.0	102.0	3
20.00	20.00	150	65.0	100.0	3

CODE NO.	AVAILABILITY
R3LLS 5.0030B	○
R3LLS 6.0030B	○
R3LLS 8.0040B	○
R3LLS 10.0040B	○
R3LLS 12.0045B	○
R3LLS 16.0065B	○
R3LLS 20.0065B	○

How to order? Follow the components of the code.
Name of tool - Flutes - Helix - D1 - L2 - Coated/Uncoated
[R - Roughing Spiral | L - Left-handed | B - Uncoated]

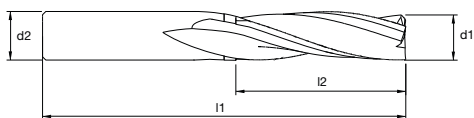
*Available in custom sizes upon request.
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FINISHING CUTTERS (2 - FLUTED)

Available with downward or upward spiral. With its larger core diameter, this greatly improves tool rigidity providing longer tool life, high-quality surface finish is achieved. Consider **Guhring Signum coating** available for extended tool life.

Application: Soft Wood, Hard Wood, Wood Composites, Hard Plastic, Soft Plastic

Standard	Guhring Std.
Tool Material	Solid Carbide Bright - Signum Coated
Surface	○ ●
Shank Form	HA



d1 mm	d2 mm	l1 mm	l2 mm	z
6.00	8.00	75	30	2
12.00	12.00	90	42	2
8.00	8.00	75	30	2
10.00	10.00	75	30	2
12.00	12.00	90	42	2
14.00	14.00	90	42	2
16.00	16.00	100	35	2
16.00	16.00	110	55	2
18.00	18.00	110	55	2
20.00	20.00	115	55	2
20.00	20.00	130	70	2
25.00	25.00	130	75	2

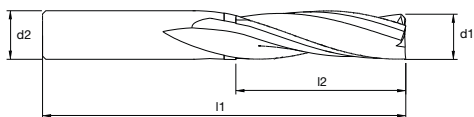
CODE NO.	AVAILABILITY
F2L 6.0030B	•
F2L 12.0042B	•
F2L 8.0030B	•
F2L 10.0030B	•
F2L 12.0042B	•
F2L 14.0042B	•
F2L 16.0035B	•
F2L 16.00155B	•
F2L 18.0055B	•
F2L 20.0055B	•
F2L 20.00170B	•
F2L 25.0075B	•

How to order? Follow the components of the code.
 Name of tool - Flutes - Helix - D1 - L2 - L3 - Coated/Uncoated
 [C - Compression Spiral | L - Left-handed | B - Uncoated]

*Available in custom sizes upon request.
 Visit www.guhring.com.au or call us at 1800 639 991

FINISHING CUTTERS (3 - FLUTED)

Standard	Guhring Std.	
Tool Material	Solid Carbide Bright - Signum Coated	
Surface	○	●
Shank Form	HA	



d1 mm	d2 mm	l1 mm	l2 mm	z
6.00	8.00	75	30	3
12.00	12.00	90	42	3
8.00	8.00	75	30	3
10.00	10.00	75	30	3
12.00	12.00	90	42	3
14.00	14.00	90	42	3
16.00	16.00	100	35	3
16.00	16.00	110	55	3
18.00	18.00	110	55	3
20.00	20.00	115	55	3
20.00	20.00	130	70	3
25.00	25.00	130	75	3

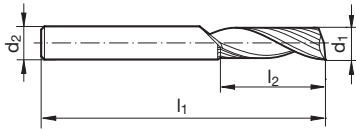
CODE NO.	AVAILABILITY
F3L 6.0030B	•
F3L 12.0042B	•
F3L 8.0030B	•
F3L 10.0030B	•
F3L 12.0042B	•
F3L 14.0042B	•
F3L 16.0035B	•
F3L 16.00155B	•
F3L 18.0055B	•
F3L 20.0055B	•
F3L 20.00170B	•
F3L 25.0075B	•

How to order? Follow the components of the code.

Name of tool - Flutes - Helix - D1 - L2 - L3 - Coated/Uncoated
[C - Compression Spiral | L - Left-handed | B - Uncoated]

END MILLS (SINGLE-FLUTED)

Standard	Guhring Std.
Tool Material	Solid Carbide
Surface	○
Type	W
Shank Form	HA



d1	d2	l1	l2	z
mm	mm	mm	mm	
2.00	2.00	38	10.0	1
3.00	3.00	39	12.0	1
4.00	4.00	40	15.0	1
5.00	5.00	50	16.0	1
6.00	6.00	57	20.0	1
8.00	8.00	63	22.0	1
10.00	10.00	73	25.0	1
12.00	12.00	83	30.0	1
16.00	16.00	92	35.0	1

CODE NO.
67932.000
67933.000
67934.000
67935.000
67936.000
67938.000
679310.00
679312.000
679316.000

*Available in left and right hand helix type

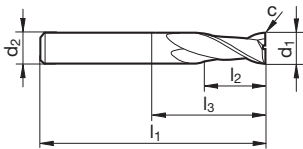
*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

EXTRA-LONG ALUMINIUM SLOT DRILLS (2-FLUTED)

Tool geometry for non-ferrous, Aluminium materials.

Application: non-ferrous materials, MDF particle board.

Standard	Guhring Std.
Tool Material	Solid Carbide
Surface	○
Type	W
Shank Form	HA



d1	d2	l1	l2	l3	c	z
mm	mm	mm	mm	mm	mm x 45°	
5.00	5.00	75	30.0	47.0	0.03	2
6.00	6.00	75	30.0	39.0	0.03	2
8.00	8.00	100	40.0	64.0	0.05	2
10.00	10.00	100	40.0	60.0	0.05	2
12.00	12.00	150	45.0	105.0	0.10	2
16.00	16.00	150	65.0	102.0	0.10	2

CODE NO.
33585.000
33586.000
33588.000
335810.000
335812.000
335816.000

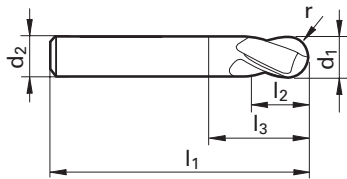
*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

BALL NOSE END MILLS (LEFT-HAND)

For partial radius or full profile machining on 5-axis machines, available with downward or upward spiral. Its larger core diameter greatly improves tool rigidity providing longer tool life and high-quality surface finish is achieved. Consider **Guhring Signum coating** for extended tool life.

Application: Soft Wood, Hard Wood, Wood Composites, Hard Plastic, Soft Plastic

Standard	Guhring Std.
Tool Material	Solid Carbide Bright - Signum Coated
Surface	○
Shank Form	HA



2 FLUTE :

d1 mm	d2 mm	l1 mm	l2 mm	radius	z
6.00	6.00	60.00	19.00	3	2
8.00	8.00	76.00	28.00	4	2
9.52	9.52	76.00	28.00	4.76	2
9.52	9.52	80.00	28.00	4.76	2
10.00	10.00	76.00	30.00	5	2
12.00	12.00	90.00	42.00	6	2
12.70	12.70	90.00	42.00	6.35	2
14.00	14.00	110.00	55.00	7	2
16.00	16.00	110.00	55.00	8	2
20.00	20.00	115.00	55.00	10	2

CODE NO.	AVAILABILITY
B2NL 6.0019	○
B2NL 8.0028	○
B2NL 9.5228	○
B2NL 10.0028	○
B2NL 12.0030	○
B2NL 12.0042	○
B2NL 12.7042	○
B2NL 14.0055	○
B2NL 16.0055	○
B2NL 20.0055	○

3 FLUTE :

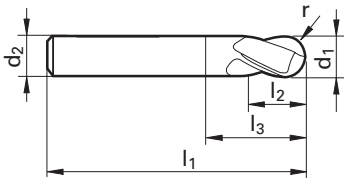
d1 mm	d1 mm	l1 mm	l2 mm	radius	z
6.00	6.00	60.00	19.00	3	3
8.00	8.00	70.00	28.00	4	3
9.52	9.52	75.00	28.00	4.76	3
10.00	10.00	75.00	28.00	5	3
12.00	12.00	90.00	42.00	6	3
12.70	12.70	90.00	42.00	6.35	3
14.00	14.00	110.00	55.00	7	3
16.00	16.00	110.00	55.00	8	3
20.00	20.00	115.00	55.00	10	3

CODE NO.	AVAILABILITY
B3NL 6.0019	○
B3NL 8.0028	○
B3NL 9.5228	○
B3NL 10.0028	○
B3NL 12.0042	○
B3NL 12.7042	○
B3NL 14.0055	○
B3NL 16.0055	○
B3NL 20.0055	○

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

BALL NOSE END MILLS (RIGHT-HAND)

Standard	Guhring Std.
Tool Material	Solid Carbide Bright - Signum Coated
Surface	○
Shank Form	HA



2 FLUTE :

d1 mm	d2 mm	l1 mm	l2 mm	radius	z	CODE NO.	AVAILABILITY
6.00	6.00	60.00	19.00	3	2	B2NR 6.0019	○
8.00	8.00	76.00	28.00	4	2	B2NR 8.0028	○
9.52	9.52	76.00	28.00	4.76	2	B2NR 9.5228	○
9.52	9.52	80.00	28.00	4.76	2	B2NR 10.0028	○
10.00	10.00	76.00	30.00	5	2	B2NR 12.0030	○
12.00	12.00	90.00	42.00	6	2	B2NR 12.0042	○
12.70	12.70	90.00	42.00	6.35	2	B2NR 12.7042	○
14.00	14.00	110.00	55.00	7	2	B2NR 14.0055	○
16.00	16.00	110.00	55.00	8	2	B2NR 16.0055	○
20.00	20.00	115.00	55.00	10	2	B2NR 20.0055	○

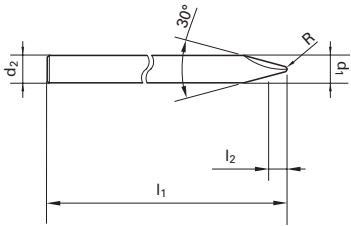
3 FLUTE :

d1 mm	d2 mm	l1 mm	l2 mm	radius	z	CODE NO.	AVAILABILITY
6.00	6.00	60.00	19.00	3	3	B3NR 6.0019	○
8.00	8.00	70.00	28.00	4	3	B3NR 8.0028	○
9.52	9.52	75.00	28.00	4.76	3	B3NR 9.5228	○
10.00	10.00	75.00	28.00	5	3	B3NR 10.0028	○
12.00	12.00	90.00	42.00	6	3	B3NR 12.0042	○
12.70	12.70	90.00	42.00	6.35	3	B3NR 12.7042	○
14.00	14.00	110.00	55.00	7	3	B3NR 14.0055	○
16.00	16.00	110.00	55.00	8	3	B3NR 16.0055	○
20.00	20.00	115.00	55.00	10	3	B3NR 20.0055	○

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

ENGRAVING TOOL (2-FLUTED)

Guhring No.	5006
Standard	Guhring Std.
Tool Material	Solid Carbide
Surface	
Type	N
Angle	30°
Tolerance	h8



d1	d2	l1	l2	r
mm	mm	mm	mm	mm
3.000	3.000	38.00	0.70	0.30

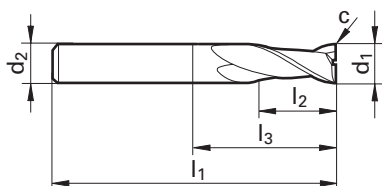
CODE NO.	AVAILABILITY
330050477	•

SLOT DRILLS (2-FLUTED)

First choice when machining (MDF) magnetic sheet metal whiteboard. For best results ensure metal face of work piece material is face down on the bed of the machine.

Application: (MDF) with sheet metal, whiteboard, stainless steel surface.

	Guhring No.	3676	5549
	Standard	DIN 6528	Guhring Std.
	Tool Material	Solid Carbide	Solid Carbide
	Surface	F	F
	Type	N	N
	Length	Standard	Long
	Angle	30°	30°
	Tolerance	h10	h10



d1	d2	l1	l2	l3	c
mm	mm	mm	mm	mm	mm x 45°
3.000	3.000	38.00	7.00	11.00	0.05
4.000	4.000	50.00	8.00	22.00	0.05
5.000	5.000	50.00	10.00	22.00	0.05
6.000	6.000	57.00	10.00	21.00	0.05
8.000	8.000	63.00	16.00	27.00	0.10
10.000	10.000	72.00	19.00	32.00	0.10
12.000	12.000	83.00	22.00	38.00	0.10
16.000	16.000	92.00	26.00	44.00	0.15
20.000	20.000	104.00	32.00	54.00	0.15

3.000	3.000	75.00	20.00	47.00	0.05
4.000	4.000	75.00	25.00	47.00	0.05
5.000	5.000	75.00	30.00	47.00	0.05
6.000	6.000	75.00	30.00	39.00	0.05
8.000	8.000	100.00	40.00	64.00	0.10
10.000	10.000	100.00	40.00	60.00	0.10
12.000	12.000	150.00	45.00	105.00	0.10
16.000	16.000	150.00	65.00	102.00	0.15
20.000	20.000	150.00	65.00	100.00	0.15

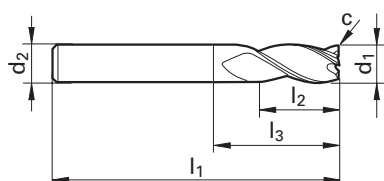
[illegible]

SLOT DRILLS (3-FLUTED)

First choice when machining (HPL) high pressure laminates. With its unique flute design and **Guhring Signum coating technology**, an extended tool life can be achieved. Up-cut spiral is enough for most machining challenges . Down-cut spiral also available on request.

Application: (HPL) Black Compact, Hard Wood, Wood Composites, Metal, Fire rated materials.

Guhring No.	3680	3173
Standard	Guhring Std.	Guhring Std.
Tool Material	Solid Carbide	Solid Carbide
Surface		
Type	N	NH
Length	Long	Standard
Angle	30°	45°
Tolerance	h10	h10



d1	d2	l1	l2	l3	c
mm	mm	mm	mm	mm	mm x 45°
3.000	3.00	75.00	20.00	47.00	0.05
4.000	4.00	75.00	25.00	47.00	0.05
5.000	5.00	75.00	30.00	47.00	0.05
6.000	6.00	75.00	30.00	39.00	0.05
8.000	8.00	100.00	40.00	64.00	0.10
10.000	10.00	100.00	40.00	60.00	0.10
12.000	12.00	150.00	45.00	105.00	0.10
16.000	16.00	150.00	65.00	102.00	0.15
20.000	20.00	150.00	65.00	100.00	0.15

AVAILABILITY
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d1	d2	l1	l2	Code no.
inch	inch	inch	inch	
1/8	1/8	1 1/2	3/8	3.170
3/16	3/16	2	5/8	4.760
1/4	1/4	2 1/2	3/4	6.350
5/16	5/16	2 1/2	13/16	7.940
3/8	3/8	3	1	9.520
7/16	7/16	2 3/4	2 3/4	11.110
1/2	1/2	3	1	12.700
5/8	5/8	3 1/2	1 1/4	15.870
3/4	3/4	4	1 1/2	19.050
1	1	4	1 1/2	25.400

AVAILABILITY
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PCD end mills and FRPC Milling & Drilling Applications

Standard and special solutions for the machining of aluminium and FP



- Finest PCD inserts with corner radii for maximum cutting speeds and tool life
- Solid carbide holder with internal cooling for highest process reliability
- Large reach thanks to neck clearance

Economical machining of modern fibre reinforced plastic composites (FRPC) such as carbon fibre and glass fibre reinforced plastics (CFRP/GFRP) requires high-tech tool especially for series production.

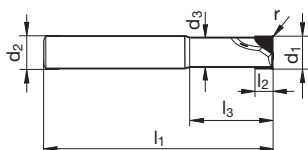


PCD SLOT DRILLS (2-FLUTED) CARBIDE SHANK

Higher surface speed and feeds achieved when best quality of cut is needed. Available in custom profile for machining timber windows and doors giving greater accuracy and extended tool life. Available in steel body, monoblock or carbide shank.

Application: (MDF) and fire rated (MDF) particle board, non-ferrous materials (CFRP/GFRP)

Standard	Guhring Std.
Tool Material	PCD
Surface	○
Type	H
Shank Form	HA

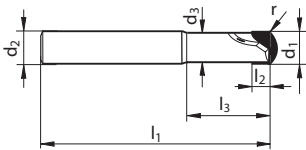


d1 mm	d1 mm	d2 mm	d3 mm	l1 mm	l2 mm	l3 mm	r mm	z	CODE NO.
4.00	± 0,02	6.00	5.70	51	6.0	6.40	0.1	2	5492 4.000
5.00	± 0,02	6.00	5.70	51	8.0	8.40	0.1	2	5492 5.000
6.00	± 0,02	6.00	5.70	57	8.0	20.0	0.1	2	5492 6.000
8.00	± 0,02	8.00	7.40	63	8.0	26.0	0.1	2	5492 8.000
8.00	± 0,02	8.00	7.40	63	12.0	26.0	0.1	2	5492 8.001
10.00	± 0,02	10.00	9.40	72	8.0	30.0	0.1	2	5492 10.000
10.00	± 0,02	10.00	9.40	72	16.0	30.0	0.1	2	5492 10.001
12.00	± 0,02	12.00	11.20	83	8.0	36.0	0.1	2	5492 12.000
12.00	± 0,02	12.00	11.20	83	16.0	36.0	0.1	2	5492 12.001

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

PCD BALL NOSE (2-FLUTED) CARBIDE SHANK

Standard	Guhring Std.
Tool Material	PCD
Surface	○
Type	H
Shank Form	HA



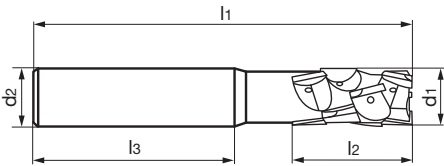
d1	d1	d2	d3	l1	l3	r	z
mm		mm	mm	mm	mm	mm	
6.00	± 0,02	6.00	5.70	57	20.0	3	2
8.00	± 0,02	8.00	7.40	63	26.0	4	2
8.00	± 0,02	8.00	7.40	63	26.0	4	2
10.00	± 0,02	10.00	9.40	72	30.0	5	2
12.00	± 0,02	12.00	11.20	83	36.0	6	2

CODE NO.
5492 6.000B
5492 8.000B
5492 8.001B
5492 10.000B
5492 12.000B

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

PCD COMPRESSION MILLING CUTTERS (3-FLUTED)

Standard	Guhring Std.
Tool Material	PCD
Surface	○
Type	H
Shank Form	HA



d1 mm	d1 inch	d2 mm	l1 mm	l2 mm	l2 mm
12.700	1/2	12.000	88.00	25.00	45.00
14.000		14.000	88.00	25.00	45.00
16.000		14.000	88.00	25.00	48.00

CODE NO.
303 211 231
303 211 257
303 211 258

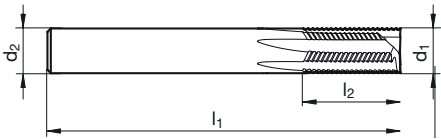
*Available in custom sizes upon request.
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DIAMOND COATED TRIMMING CUTTERS

Economical machining of modern fibre reinforced plastics. Excellent for 5-axis operations with its unique geometry and diamond coating attributes.

Application: (CFRP/GFRP) modern materials.

Guhring No.	6769
Standard	Guhring Std.
Tool Material	Solid Carbide
Surface	ⓓ
Type	FR 100
Helix angle	0°
Tolerance	h10



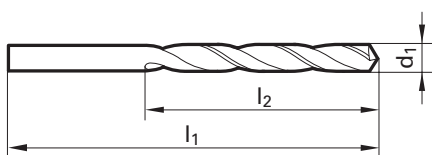
d1	d2	l1	l2	z	Code no.
mm	mm	mm	mm		
4.00	6.00	66	15.0	4	4.000
4.76	4.76	63	15.0	4	4.762
6.00	6.00	70	20.0	4	6.000
6.35	6.35	63	15.0	4	6.350
8.00	8.00	75	25.0	6	8.000
9.52	9.52	76	18.0	6	9.525
12.70	12.70	88	25.4	8	12.700

AVAILABILITY
○
○
•
○
•
•
○

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

JOBBER DRILLS

Guhring no.	9651
Standard	Guhring Std.
Tool material	HSS
Surface	
Type	GU500DZ
Cutting Direction	Right-hand
Tolerance	h8
Point Angle	118°

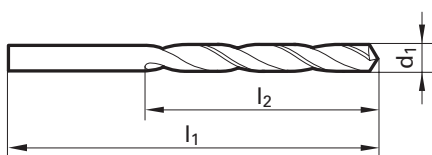


d1	d1	l1	l2	
mm	Inch	mm	mm	AVAILABILITY
1.000		34.00	12.00	•
1.590	1/16	43.00	20.00	•
1.980	5/64	49.00	24.00	•
2.000		49.00	24.00	•
2.380	3.32	57.00	30.00	•
2.500		57.00	30.00	•
2.780	7.64	61.00	33.00	•
3.000		61.00	33.00	•
3.170	1/8	65.00	36.00	•
3.500		70.00	39.00	•
3.570	9/64	70.00	39.00	•
3.970	5/32	75.00	43.00	•
4.000		75.00	43.00	•
4.370	11/64	80.00	47.00	•
4.500		80.00	47.00	•
4.760	3/16	86.00	52.00	•
5.000		86.00	52.00	•
5.160	13/64	86.00	52.00	•
5.500		93.00	57.00	•
5.560	7/32	93.00	57.00	•
5.950	15/65	93.00	57.00	•
6.000		93.00	57.00	•
6.350	1/4	101.00	63.00	•
6.500		101.00	63.00	•
6.750	17/64	109.00	69.00	•
7.000		109.00	69.00	•

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

JOBBER DRILLS

Guhring no.	9651
Standard	Guhring Std.
Tool material	HSS
Surface	
Type	GU500DZ
Cutting Direction	Right-hand
Tolerance	h8
Point Angle	118°



d1	d1	l1	l2	
mm	Inch	mm	mm	AVAILABILITY
7.140	9/32	109.00	69.00	•
7.500		109.00	69.00	•
7.540	19/64	117.00	75.00	•
7.940	5/16	117.00	75.00	•
8.000		117.00	75.00	•
8.330	21/64	117.00	75.00	•
8.500		117.00	75.00	•
8.730		125.00	81.00	•
9.000		125.00	81.00	•
9.130	23/64	125.00	81.00	•
9.500		125.00	81.00	•
9.520	3/8	133.00	87.00	•
9.920	25/64	133.00	87.00	•
10.000		133.00	87.00	•
10.320	13/32	133.00	87.00	•
10.500		133.00	87.00	•
10.720	27/64	142.00	94.00	•
11.000		142.00	94.00	•
11.110	7/16	142.00	94.00	•
11.500		142.00	94.00	•
11.510	29/64	142.00	94.00	•
11.910	15/31	151.00	101.00	•
12.000		151.00	101.00	•
12.300	31/64	151.00	101.00	•
12.700	1/2	151.00	101.00	•
13.000		151.00	101.00	•

*Available in custom sizes upon request.
Visit www.guhring.com.au or call us at 1800 639 991

TAPER SHANK TWIST DRILLS

245

DIN 345

HSS

N

right-hand

h8

118°



d1	d1	MT	l1	l2	
mm	inch		mm	mm	AVAILABILITY
13.000		1	182.00	101.00	•
13.500		1	189.00	108.00	•
14.000		1	189.00	108.00	•
14.250		2	212.00	114.00	•
14.290	9/16	2	212.00	114.00	•
14.500		2	212.00	114.00	•
15.000		2	212.00	114.00	•
15.080	19/32	2	218.00	120.00	•
15.500		2	218.00	120.00	•
15.750		2	218.00	120.00	•
15.800		2	218.00	120.00	•
15.870	5/8	2	218.00	120.00	•
16.000		2	218.00	120.00	•
16.270	41/64	2	223.00	125.00	•
16.500		2	223.00	125.00	•
16.750		2	223.00	125.00	•
17.000		2	223.00	125.00	•
17.460		2	228.00	130.00	•
17.500		2	228.00	130.00	•
17.860	45/64	2	228.00	130.00	○
18.000		2	228.00	130.00	•
18.250		2	233.00	135.00	•
18.500		2	233.00	135.00	•
18.650	47/64	2	233.00	135.00	•
19.000		2	233.00	135.00	•
19.050	3/4	2	238.00	140.00	•
19.500		2	238.00	140.00	•
19.840	25/32	2	238.00	140.00	○
20.000		2	238.00	140.00	•
20.500		2	243.00	145.00	•
20.640	13/16	2	243.00	145.00	○
21.000		2	243.00	145.00	•
21.430	27/32	2	248.00	150.00	○
21.500		2	248.00	150.00	•
22.000		2	248.00	150.00	•
22.220	7/8	2	248.00	150.00	•
22.250		2	248.00	150.00	•
22.500		2	253.00	155.00	•
23.000		2	253.00	155.00	•

TAPER SHANK TWIST DRILLS

245DIN 345HSS

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2,36

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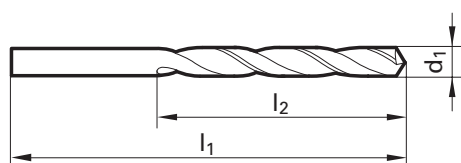
right-hand

h8

118°[illegible]

EXTRA LENGTH TWIST DRILLS, SERIES 2

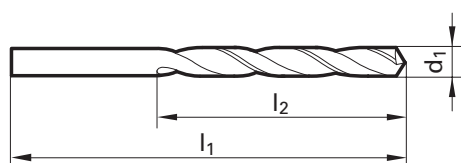
Guhring No.	503
Standard	DIN 1869
Tool Material	HSS
Surface	 $\sqrt{Ra}$ 2,36
Type	GT 100
Cutting direction	right-hand
Tolerance	130°



d1 mm	d1 Inch	l1 mm	l2 mm	AVAILABILITY
2.000		160.00	110.00	•
3.000		190.00	130.00	•
3.170	1/8	200.00	135.00	•
3.500		210.00	145.00	•
3.570	9/64	210.00	145.00	•
3.970	5/32	220.00	150.00	•
4.000		220.00	150.00	•
4.370	11/64	235.00	160.00	•
4.760	3/16	245.00	170.00	•
5.000		245.00	170.00	•
5.160	13/64	245.00	170.00	•
5.500		260.00	180.00	•
6.000		260.00	180.00	•
6.350	1/4	275.00	190.00	•
6.500		275.00	190.00	•
7.000		290.00	200.00	•
7.140	9/32	290.00	200.00	•
7.500		290.00	200.00	•
7.940	5/16	305.00	210.00	•
8.000		305.00	210.00	•
8.330	21/64	305.00	210.00	•
8.730	11/32	320.00	220.00	•
9.000		320.00	220.00	•
9.520	3/8	340.00	235.00	•
10.000		340.00	235.00	•
10.720	27/64	365.00	250.00	•
11.000		365.00	250.00	•
11.110	7/16	365.00	250.00	•
12.000		375.00	260.00	•
12.700	1/2	375.00	260.00	•
13.000		375.00	260.00	•

EXTRA LENGTH TWIST DRILLS, SERIES 3

Guhring No.	503
Standard	DIN 1869
Tool Material	HSS
Surface	 >Ø 2,36
Type	GT 100
Cutting direction	right-hand
Tolerance	130°



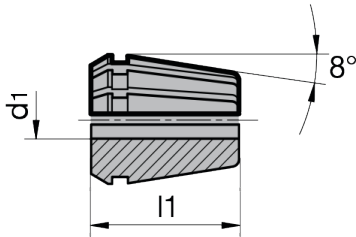
d1 mm	d1 Inch	l1 mm	l2 mm	AVAILABILITY
3.000		240.00	160.00	•
3.170	1/8	250.00	170.00	•
3.500		265.00	180.00	•
3.970	5/32	280.00	190.00	•
4.000		280.00	190.00	•
4.370	11/64	295.00	200.00	•
4.760	3/16	315.00	210.00	•
5.000		315.00	210.00	•
5.500		330.00	225.00	•
6.000		330.00	225.00	•
6.350	1/4	350.00	235.00	•
6.500		350.00	235.00	•
6.750	17/64	370.00	250.00	•
7.000		370.00	250.00	•
7.140	9/32	370.00	250.00	•
7.500		370.00	250.00	•
7.940	5/16	390.00	265.00	•
8.000		390.00	265.00	•
8.330	21/64	390.00	265.00	•
8.730	11/32	410.00	280.00	•
9.000		410.00	280.00	•
9.520	3/8	430.00	295.00	•
10.000		430.00	295.00	•
10.320	13/32	430.00	295.00	•
10.500		430.00	295.00	•
11.000		455.00	310.00	•
11.110	7/16	455.00	310.00	•
12.000		480.00	330.00	•
13.000		480.00	330.00	•

COLLETS

Guhring no.
Standard
Tool material

4307
Guhring std.
HSS

ER-32 COLLETS



Code No.	nom. size	clamping range d1	l1
		mm	mm
2.032	ER32 (470E)	1.0-2.0	40.0
2.532	ER32 (470E)	1.5-2.5	40.0
3.032	ER32 (470E)	2.0-3.0	40.0
4.032	ER32 (470E)	3.0-4.0	40.0
5.032	ER32 (470E)	4.0-5.0	40.0
6.032	ER32 (470E)	5.0-6.0	40.0
7.032	ER32 (470E)	6.0-7.0	40.0
8.032	ER32 (470E)	7.0-8.0	40.0
9.032	ER32 (470E)	8.0-9.0	40.0
10.032	ER32 (470E)	9.0-10.0	40.0
11.032	ER32 (470E)	10.0-11.0	40.0
12.032	ER32 (470E)	11.0-12.0	40.0
13.032	ER32 (470E)	12.0-13.0	40.0
14.032	ER32 (470E)	13.0-14.0	40.0
15.032	ER32 (470E)	14.0-15.0	40.0
16.032	ER32 (470E)	15.0-16.0	40.0
17.032	ER32 (470E)	16.0-17.0	40.0
18.032	ER32 (470E)	17.0-18.0	40.0
19.032	ER32 (470E)	18.0-19.0	40.0
20.032	ER32 (470E)	19.0-20.0	40.0

AVAILABILITY
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ER-16, ER-20, ER-25 available on request



With an annual production of in excess of 1500 tons Guhring Hard Material division is one of the leading carbide manufacturers. Grade variety, manufacturing possibilities and capacities as well as quality set market standards – the same as expert advice and the development support for our customers. Contact us and involve us with your task. We are sure we can offer you an efficient and cost-effective solution.

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- for grooved bushes, nozzles, pressure and skid plates for the wear protection technology
- for impact knives, stirring staffs or strainers for the food and pharmaceutical industry
- for the manufacture of rotary tools

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