

Request For Quote

GUHRING

The fastest way to get a solid carbide special-made drill!
 Quotations within 4 hours, tools shipped in 2 weeks or less!

Email to:
QuickDelivery@guhring.com

Fax to
 (262) 784-9096

All orders will be processed through an Authorized Guhring distributor.

Today's date

UPS red (next day) UPS blue (2nd day) UPS ground

Distributor Name & Location

Contact for questions

Telephone

Fax

Ship to Name

Address

City / State / Zip code

Contact name at Ship To

Telephone

Quantity

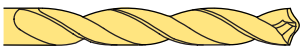




Minimum = 5 pcs. Maximum = 25 pcs.

Tool type

choose one

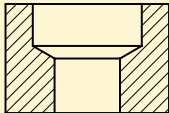
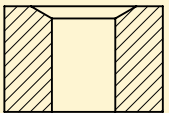


<input type="checkbox"/>  RT 100 (spiral flute) 140° Faceted point for universal applications; high penetration rates in many materials	<input type="checkbox"/>  RT 150 GG (straight-fluted) 120° Cone relief point for accurate holes in high silicon aluminum	<input type="checkbox"/>  RT 150 GG (straight-fluted) 130° Faceted point for accurate holes in cast iron
<input type="checkbox"/> No coolant through <input type="checkbox"/> With coolant through	<input type="checkbox"/> No coolant through <input type="checkbox"/> With coolant through	<input type="checkbox"/> No coolant through <input type="checkbox"/> With coolant through

Application

please mark with an "X"



<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/> In aluminum
	Drill / Counterbore		Drill / Chamfer	<input type="checkbox"/> In cast iron
				<input type="checkbox"/> In steel

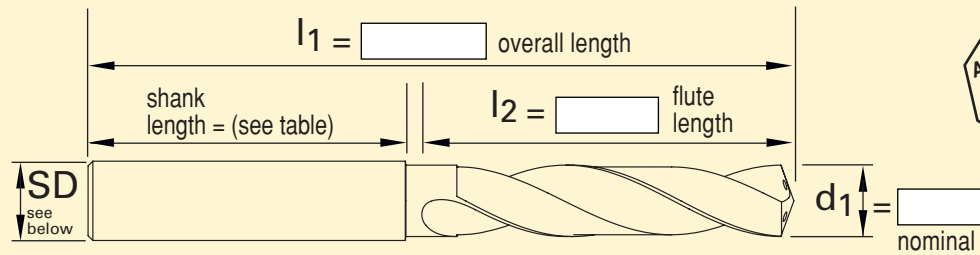
Surface Finish



bright TiN FIREX®

Single Dia. Drills

dimensions for spiral fluted & straight fluted versions

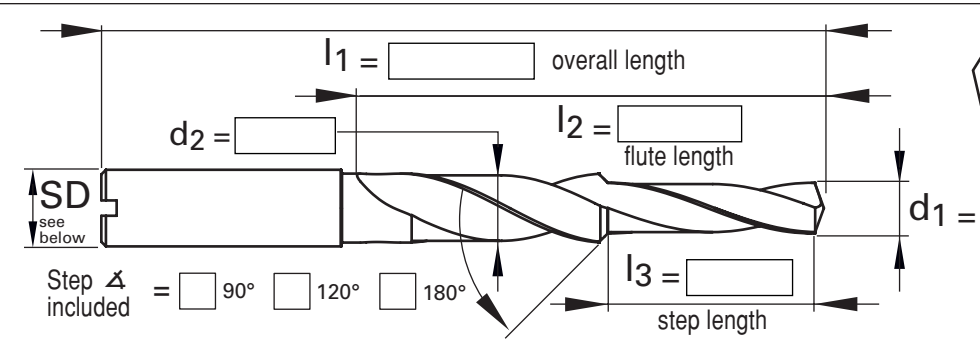



All dimensions in MM
inch x 25.4 = mm

SD / shank diameter = 6 mm 8 mm 10 mm 12 mm 14 mm 16 mm 18 mm 20 mm

Step Drills

dimensions for spiral fluted & straight fluted versions

All dimensions in MM
inch x 25.4 = mm

SD / shank diameter = 6 mm 8 mm 10 mm 12 mm 14 mm 16 mm 18 mm 20 mm

Quick-delivery special drills

Single Diameter / Step Drill Offering Parameters

Quantity	5 pcs. min. / 25 pcs. max. (± 1 pc. and/or 10%), Quantities over 25 pieces will require additional delivery time
Drill / Counterbore	Clearance and backtaper on both diameters.
Drill / Chamfer	Clearance and backtaper on step diameter only.
Flute length*	Must allow 5mm of length between end of flute and shank for flute runout on oversized shanks.
Margins	RT100 has a single margin and RT150GG has double margins
Shank Dia. Range	6mm - 20mm (in increments of 2mm)
Surface Finish	Bright, TiN, TiAlN & FIREX®
Point Angle	RT100 is 140° / RT150GG for Aluminum is 120° / RT150GG for Cast Iron is 130°
Step angle	90°, 120° & 180°

	mm	mm	mm	mm	mm	mm	mm	mm
Non-Coolant Through: 30° Helix RT100 or Straight Fluted G-Drill								
Shank Diameter	6	8	10	12	14	16	18	20
Shank Length	36	36	40	45	45	48	48	50
Max. Nom. Diameter	6	8	10	12	14	16	18	20
Maximum OAL	82	91	103	118	124	133	144	155
Maximum Flute Length*	41	50	58	68	74	80	91	100
Min Step Diameter	3.8	5.5	6.6	7.5	8.4	11	12.8	13.5
Maximum Step Length	Maximum step length is 5 X step diameter. Must have a minimum of 1.5 x Nom.Ø of additional flute length for flute sweep out.							
Coolant Through: 30° Helix RT100 Drill								
Shank Diameter	6	8	10	12	14	16	18	20
Shank Length	36	36	40	45	45	48	48	50
Max. Nom. Diameter	6	8	10	12	14	16	18	20
Maximum OAL	94	107	123	142	152	165	180	195
Maximum Flute Length*	53	66	78	92	102	112	127	140
Min Step Diameter	4	6	7.55	9.1	10	11.8	13.2	14.5
Maximum Step Length	Maximum step length is 5 X step diameter. Must have a minimum of 1.5 x Nom.Ø of additional flute length for flute sweep out.							
Coolant Through: Straight Fluted G-Drill								
Shank Diameter	6	8	10	12	14	16	18	20
Shank Length	36	36	40	45	45	48	48	50
Max. Nom. Diameter	6	8	10	12	14	16	18	20
Maximum OAL	94	107	123	142	152	165	180	195
Maximum Flute Length*	53	66	78	92	102	112	127	140
Min Step Diameter	3.9	6	7.55	8.95	9.9	11.3	12.5	14.25
Maximum Step Length	Maximum step length is 5 X step diameter. Must have a minimum of 1.5 x Nom.Ø of additional flute length for flute sweep out.							

Diameter Tolerance (metric)			
from Ø	up to Ø	Shank	Nominal & Step Diameters
	3.000	+0	+0
		-0.006	-0.010
3.000	6.000	+0	+0
		-0.008	-0.012
6.000	10.000	+0	+0
		-0.009	-0.015
10.000	18.000	+0	+0
		-0.011	-0.018
18.000	30.000	+0	+0
		-0.013	-0.021

Length Tolerance (metric)	
Overall Length	
up to 120mm	± 1.5
over 120mm	± 2.5
Step Length	
All step lengths	± 0.2

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Questions? Call (800) 776-6170, fax (262) 784-9096
or send an email to QuickDelivery@guhring.com