

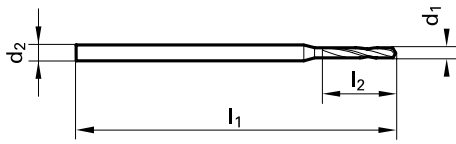


MICRO-PRECISION DRILLS WITHOUT OIL FEED

DRILLS

Guhring no.	301	5652
Standard	DIN 1899	WN
Tool material	HSS-E-PM	Solid Carbide
Surface	○	● ^A
Type	N	N
Cutting direction	right-hand	
Tolerance	0/-0,004	
Point angle	118°	140°

NEW

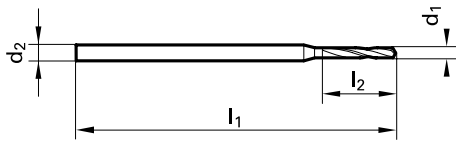


d1	d2	l1	l2	AVAILABILITY
mm	mm	mm	mm	
0.100	1.00	25.00	0.50	•
0.180	1.00	25.00	1.10	•
0.200	1.00	25.00	1.50	•
0.300	1.00	25.00	1.90	•
0.400	1.00	25.00	3.00	•
0.500	1.00	25.00	3.40	•
0.600	1.00	25.00	3.90	•
0.700	1.00	25.00	4.20	•
0.800	1.50	25.00	5.30	•
0.900	1.50	25.00	6.00	•
1.000	1.50	25.00	6.80	•
1.100	1.50	25.00	7.60	•
1.200	1.50	25.00	8.50	•
1.300	1.50	25.00	8.50	•
1.400	1.50	25.00	9.50	•
1.500	2.00	30.00	9.50	•
1.600	2.00	30.00	10.60	•
1.700	2.00	30.00	10.60	•
1.800	2.00	30.00	11.80	•
1.900	2.00	30.00	11.80	•
0.100	3.00	38.00	1.20	•
0.200	3.00	38.00	2.50	•
0.300	3.00	38.00	5.00	•
0.400	3.00	38.00	7.00	•
0.500	3.00	38.00	7.00	•
0.600	3.00	38.00	7.00	•
0.700	3.00	38.00	8.00	•
0.800	3.00	38.00	10.00	•
0.900	3.00	38.00	10.00	•
1.000	3.00	38.00	10.00	•
1.100	3.00	38.00	10.00	•
1.200	3.00	38.00	10.00	•
1.300	3.00	38.00	10.00	•
1.400	3.00	38.00	10.00	•
1.500	3.00	38.00	10.00	•
1.600	3.00	38.00	12.00	•
1.700	3.00	38.00	12.00	•
1.800	3.00	38.00	12.00	•

• Australian stock item ○ German stock item



Guhring no.	6408
Standard	Guhring std.
Tool material	Solid Carbide
Surface	A
Type	N
Drilling depth	8xD
Cutting direction	right-hand
Tolerance	h7
Point anlage	135°



d1	d2	l1	l2	AVAILABILITY
mm	mm	mm	mm	
1.400	4.00	52.00	15.00	•
1.500	4.00	52.00	17.00	•
1.600	4.00	52.00	18.00	•
1.700	4.00	56.00	19.00	•
1.800	4.00	56.00	20.00	•
1.900	4.00	56.00	21.00	•
2.000	4.00	56.00	22.00	•
2.100	4.00	62.00	23.00	•
2.200	4.00	62.00	24.00	•
2.300	4.00	62.00	25.00	•
2.400	4.00	62.00	26.00	•
2.500	4.00	62.00	28.00	•
2.600	4.00	66.00	29.00	•
2.700	4.00	66.00	30.00	•
2.800	4.00	66.00	31.00	•
2.900	4.00	66.00	32.00	•
3.000	4.00	66.00	33.00	•

• Australian stock item ◦ German stock item