

## GUHRING Insert grade 3xd type 1093



Design: Made of high quality, high strength tool steel. Optimised flute shank according to DIN 6535, collar according to DIN 6595, stepped holder back. Absolutely backlash-free due to elastic clamping protection. High efficiency due to high feed.

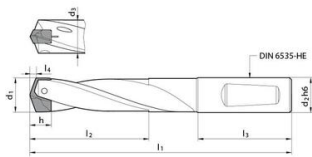
Application: Surface nickel plated, giving less wear.

### Characteristics

**Cutting direction:** Right

**Type:** Stepped drill

**Cooling channel(Oil feed):** 1



Diameter mm	Cutting length mm	Total length mm	Holding system	Article
11	56	99.2	Cylindrical	12592832
11.5	58	101.2	Cylindrical	12592833
12				12592834
12.5	63	106.2	Cylindrical	12592835
13	65	108	Cylindrical	12592836
13.5	68	111	Cylindrical	12592837
14	70	112.8	Cylindrical	12592838
14.5	72	117.8	Cylindrical	12592839
15	75	120.8	Cylindrical	12592840
15.5	77	122.8	Cylindrical	12592841
16	79	124.6	Cylindrical	12592842
16.5	82	127.6	Cylindrical	12592843
17	84	129.6	Cylindrical	12592844
17.5	86	131.6	Cylindrical	12592845
18	89	134.2	Cylindrical	12592846
18.5	91	138.2	Cylindrical	12592847
19	93	140.2	Cylindrical	12592848
19.5	96	143.2	Cylindrical	12592849
20	98	145	Cylindrical	12592850
20.5	103	155.9	Cylindrical	12592851
21	105	97.8	Cylindrical	12592852
21.5	107	159.9	Cylindrical	12592853
22	109	161.6	Cylindrical	12592854
22.5	112	164.6	Cylindrical	12592855
23	114	166.7	Cylindrical	12592856
23.5	117	169.7	Cylindrical	12592857
24	119	171.4	Cylindrical	12592858
24.5	121	173.4	Cylindrical	12592859
25	124	176.4	Cylindrical	12592860
25.5	127	183.4	Cylindrical	12592861
26	131	184.6	Cylindrical	12592862
26.5	133	186.7	Cylindrical	12592863
27	136	189.6	Cylindrical	12592864

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Diameter	Cutting length	Total length	Holding system	Article
mm	mm	mm		
27.5	138	191.7	Cylindrical	12592865
28	140	193.4	Cylindrical	12592866
28.5	142	195.4	Cylindrical	12592867
29	145	198.4	Cylindrical	12592868
29.5	147	200.3	Cylindrical	12592869
30	150	202.8	Cylindrical	12592870
30.5	152	204.8	Cylindrical	12592871
31	154	206.7	Cylindrical	12592872
31.5	156	213.6	Cylindrical	12592873
32	161	213.6	Cylindrical	12592874
33	166	216.2	Cylindrical	12592875
34	170	222.6	Cylindrical	12592876
35	175	227.6	Cylindrical	12592877
36	180	229.3	Cylindrical	12592878
37	185	137.3	Cylindrical	12592879
38	189	241.3	Cylindrical	12592880
39	194	243.3	Cylindrical	12592881

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