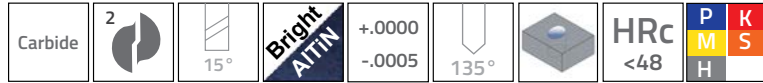
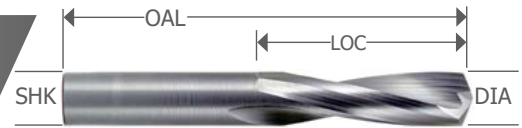


## 2 FLUTE • STUB LENGTH CARBIDE DRILLS



### SERIES: IDR

DIAMETER		LOC	OAL	TOOL	BRIGHT EDP	ALTiN EDP
# 56	0.0465	1/2	1-1/2	IDR-56	17249	57249
3/64	0.0469	1/2	1-1/2	IDR-3/64	17138	57138
# 55	0.0520	1/2	1-1/2	IDR-55	17248	57248
# 54	0.0550	1/2	1-1/2	IDR-54	17247	57247
1.5mm	0.0591	13mm	38mm	IDR-1.5MM	17415	57415
# 53	0.0595	1/2	1-1/2	IDR-53	17246	57246
1/16	0.0625	5/8	1-5/8	IDR-1/16	17139	57139
# 52	0.0635	11/16	1-11/16	IDR-52	17245	57245
# 51	0.0670	11/16	1-11/16	IDR-51	17244	57244
# 50	0.0700	11/16	1-11/16	IDR-50	17243	57243
# 49	0.0730	11/16	1-11/16	IDR-49	17242	57242
# 48	0.0760	11/16	1-11/16	IDR-48	17241	57241
5/64	0.0781	11/16	1-11/16	IDR-5/64	17140	57140
# 47	0.0785	3/4	1-3/4	IDR-47	17240	57240
2mm	0.0787	19mm	45mm	IDR-2MM	17416	57416
# 46	0.0810	3/4	1-3/4	IDR-46	17239	57239
# 45	0.0820	3/4	1-3/4	IDR-45	17238	57238
# 44	0.0860	3/4	1-3/4	IDR-44	17237	57237
# 43	0.0890	3/4	1-3/4	IDR-43	17236	57236
# 42	0.0935	3/4	1-3/4	IDR-42	17235	57235
3/32	0.0938	3/4	1-3/4	IDR-3/32	17141	57141
# 41	0.0960	13/16	1-13/16	IDR-41	17234	57234
# 40	0.0980	13/16	1-13/16	IDR-40	17233	57233
2.5mm	0.0984	21mm	46mm	IDR-2.5MM	17417	57417
# 39	0.0995	13/16	1-13/16	IDR-39	17232	57232
# 38	0.1015	13/16	1-13/16	IDR-38	17231	57231
# 37	0.1040	13/16	1-13/16	IDR-37	17230	57230
# 36	0.1065	13/16	1-13/16	IDR-36	17229	57229
7/64	0.1094	13/16	1-13/16	IDR-7/64	17142	57142
# 35	0.1100	7/8	1-7/8	IDR-35	17228	57228
# 34	0.1110	7/8	1-7/8	IDR-34	17227	57227
# 33	0.1130	7/8	1-7/8	IDR-33	17226	57226
# 32	0.1160	7/8	1-7/8	IDR-32	17225	57225
3mm	0.1181	22mm	48mm	IDR-3MM	17418	57418
# 31	0.1200	7/8	1-7/8	IDR-31	17224	57224
1/8	0.1250	7/8	1-7/8	IDR-1/8	17143	57143
# 30	0.1285	15/16	1-15/16	IDR-30	17223	57223
# 29	0.1360	15/16	1-15/16	IDR-29	17222	57222
3.5mm	0.1378	24mm	52mm	IDR-3.5MM	17419	57419
# 28	0.1405	15/16	1-15/16	IDR-28	17221	57221
9/64	0.1406	15/16	1-15/16	IDR-9/64	17144	57144
# 27	0.1440	1	2-1/16	IDR-27	17220	57220
# 26	0.1470	1	2-1/16	IDR-26	17219	57219
# 25	0.1495	1	2-1/16	IDR-25	17218	57218
# 24	0.1520	1	2-1/16	IDR-24	17217	57217
# 23	0.1540	1	2-1/16	IDR-23	17216	57216
5/32	0.1562	1	2-1/16	IDR-5/32	17145	57145
# 22	0.1570	1-1/16	2-1/8	IDR-22	17215	57215
4mm	0.1575	27mm	53mm	IDR-4MM	17420	57420
# 21	0.1590	1-1/16	2-1/8	IDR-21	17214	57214
# 20	0.1610	1-1/16	2-1/8	IDR-20	17213	57213
# 19	0.1660	1-1/16	2-1/8	IDR-19	17212	57212
18	0.1695	1-1/16	2-1/8	IDR-18	17211	57211

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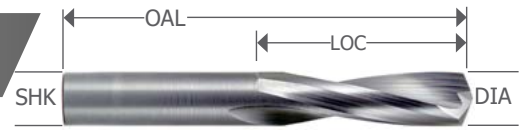
## 2 FLUTE • STUB LENGTH CARBIDE DRILLS

### SERIES: IDR

DIAMETER		LOC	OAL	TOOL	BRIGHT EDP	ALTIN EDP
11/64	0.1719	1-1/16	2-1/8	IDR-11/64	17146	57146
# 17	0.1730	1-1/8	2-3/16	IDR-17	17210	57210
# 16	0.1770	1-1/8	2-3/16	IDR-16	17209	57209
4.5mm	0.1772	29mm	55mm	IDR-4.5MM	17421	57421
# 15	0.1800	1-1/8	2-3/16	IDR-15	17208	57208
# 14	0.1820	1-1/8	2-3/16	IDR-14	17207	57207
# 13	0.1850	1-1/8	2-3/16	IDR-13	17206	57206
3/16	0.1875	1-1/8	2-3/16	IDR-3/16	17147	57147
# 12	0.1890	1-3/16	2-1/4	IDR-12	17205	57205
# 11	0.1910	1-3/16	2-1/4	IDR-11	17204	57204
# 10	0.1935	1-3/16	2-1/4	IDR-10	17203	57203
# 9	0.1960	1-3/16	2-1/4	IDR-9	17202	57202
5mm	0.1969	30mm	57mm	IDR-5MM	17422	57422
# 8	0.1990	1-3/16	2-1/4	IDR-8	17201	57201
# 7	0.2010	1-3/16	2-1/4	IDR-7	17200	57200
13/64	0.2031	1-3/16	2-1/4	IDR-13/64	17148	57148
# 6	0.2040	1-1/4	2-3/8	IDR-6	17199	57199
# 5	0.2055	1-1/4	2-3/8	IDR-5	17198	57198
# 4	0.2090	1-1/4	2-3/8	IDR-4	17197	57197
# 3	0.2130	1-1/4	2-3/8	IDR-3	17196	57196
5.5mm	0.2165	32mm	60mm	IDR-5.5MM	17423	57423
7/32	0.2188	1-1/4	2-3/8	IDR-7/32	17149	57149
# 2	0.2210	1-5/16	2-7/16	IDR-2	17195	57195
# 1	0.2280	1-5/16	2-7/16	IDR-1	17194	57194
A	0.2340	1-5/16	2-7/16	IDR-A	17168	57168
15/64	0.2344	1-5/16	2-7/16	IDR-15/64	17150	57150
6mm	0.2362	33mm	61mm	IDR-6MM	17424	57424
B	0.2380	1-3/8	2-1/2	IDR-B	17169	57169
C	0.2420	1-3/8	2-1/2	IDR-C	17170	57170
D	0.2460	1-3/8	2-1/2	IDR-D	17171	57171
E	0.2500	1-3/8	2-1/2	IDR-E	17172	57172
1/4	0.2500	1-3/8	2-1/2	IDR-1/4	17151	57151
6.5mm	0.2559	35mm	63mm	IDR-6.5MM	17425	57425
F	0.2570	1-7/16	2-5/8	IDR-F	17173	57173
G	0.2610	1-7/16	2-5/8	IDR-G	17174	57174
17/64	0.2656	1-7/16	2-5/8	IDR-17/64	17152	57152
H	0.2660	1-1/2	2-11/16	IDR-H	17175	57175
I	0.2720	1-1/2	2-11/16	IDR-I	17176	57176
7mm	0.2756	38mm	68mm	IDR-7MM	17426	57426
J	0.2770	1-1/2	2-11/16	IDR-J	17177	57177
K	0.2810	1-1/2	2-11/16	IDR-K	17178	57178
9/32	0.2812	1-1/2	2-11/16	IDR-9/32	17153	57153
L	0.2900	1-9/16	2-3/4	IDR-L	17179	57179
M	0.2950	1-9/16	2-3/4	IDR-M	17180	57180
7.5mm	0.2953	40mm	70mm	IDR-7.5MM	17427	57427
19/64	0.2969	1-9/16	2-3/4	IDR-19/64	17154	57154
N	0.3020	1-5/8	2-13/16	IDR-N	17181	57181
5/16	0.3125	1-5/8	2-13/16	IDR-5/16	17155	57155
8mm	0.3150	41mm	71mm	IDR-8MM	17428	57428
O	0.3160	1-11/16	2-15/16	IDR-O	17182	57182
P	0.3230	1-11/16	2-15/16	IDR-P	17183	57183
21/64	0.3281	1-11/16	2-15/16	IDR-21/64	17156	57156
Q	0.3320	1-11/16	3	IDR-Q	17184	57184
8.5mm	0.3346	24mm	76mm	IDR-8.5MM	17429	57429
R	0.3390	1-11/16	3	IDR-R	17185	57185
11/32	0.3438	1-11/16	3	IDR-11/32	17157	57157
S	0.3480	1-3/4	3-1/16	IDR-S	17186	57186
9mm	0.3543	44mm	78mm	IDR-9MM	17430	57430

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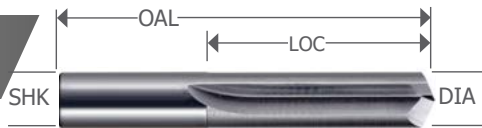
## 2 FLUTE • STUB LENGTH CARBIDE DRILLS



### SERIES: IDR

DIAMETER		LOC	OAL	TOOL	BRIGHT EDP	ALTIN EDP
T	0.3580	1-3/4	3-1/16	IDR-T	17187	57187
23/64	0.3594	1-3/4	3-1/16	IDR-23/64	17158	57158
U	0.3680	1-13/16	3-1/8	IDR-U	17188	57188
9.5mm	0.3740	46mm	79mm	IDR-9.5MM	17431	57431
3/8	0.3750	1-13/16	3-1/8	IDR-3/8	17159	57159
V	0.3770	1-7/8	3-1/4	IDR-V	17189	57189
W	0.3860	1-7/8	3-1/4	IDR-W	17190	57190
25/64	0.3906	1-7/8	3-1/4	IDR-25/64	17160	57160
10mm	0.3937	48mm	83mm	IDR-10MM	17432	57432
X	0.3970	1-15/16	3-5/16	IDR-X	17191	57191
Y	0.4040	1-15/16	3-5/16	IDR-Y	17192	57192
13/32	0.4062	1-15/16	3-5/16	IDR-13/32	17161	57161
Z	0.4130	2	3-3/8	IDR-Z	17193	57193
10.5mm	0.4134	51mm	86mm	IDR-10.5MM	17433	57433
27/64	0.4219	2	3-3/8	IDR-27/64	17162	57162
11mm	0.4331	52mm	87mm	IDR-11MM	17434	57434
7/16	0.4375	2-1/16	3-7/16	IDR-7/16	17163	57163
11.5mm	0.4528	54mm	90mm	IDR-11.5MM	17435	57435
29/64	0.4531	2-1/8	3-9/16	IDR-29/64	17164	57164
15/32	0.4688	2-1/8	3-5/8	IDR-15/32	17165	57165
12mm	0.4724	54mm	92mm	IDR-12MM	17436	57436
31/64	0.4844	2-3/16	3-11/16	IDR-31/64	17166	57166
1/2	0.5000	2-1/4	3-3/4	IDR-1/2	17167	57167
9/16	0.5625	2-1/2	4	IDR-9/16	17993	57993
5/8	0.6250	2-3/4	5	IDR-5/8	17994	57994
3/4	0.7500	3	5	IDR-3/4	17995	57995

## 2 FLUTE • STRAIGHT FLUTE CARBIDE DRILLS



Carbide
2
0°
Bright ALTIN
+0.0000  
-0.0005
140°
HRC 40-60
P M K S H

### SERIES: JDR

DIAMETER		LOC	OAL	TOOL	BRIGHT EDP	ALTIN EDP
# 56	0.0465	1/2	1-1/2	JDR-56	17361	57361
3/64	0.0469	1/2	1-1/2	JDR-3/64	17250	57250
# 55	0.0520	1/2	1-1/2	JDR-55	17360	57360
# 54	0.0550	1/2	1-1/2	JDR-54	17359	57359
1.5mm	0.0591	13mm	38mm	JDR-1.5MM	17371	57371
# 53	0.0595	1/2	1-1/2	JDR-53	17358	57358
1/16	0.0625	5/8	1-5/8	JDR-1/16	17251	57251
# 52	0.0635	11/16	1-11/16	JDR-52	17357	57357
# 51	0.0670	11/16	1-11/16	JDR-51	17356	57356
# 50	0.0700	11/16	1-11/16	JDR-50	17355	57355
# 49	0.0730	11/16	1-11/16	JDR-49	17354	57354
# 48	0.0760	11/16	1-11/16	JDR-48	17353	57353
5/64	0.0781	11/16	1-11/16	JDR-5/64	17252	57252
# 47	0.0785	3/4	1-3/4	JDR-47	17352	57352
2mm	0.0787	19mm	45mm	JDR-2MM	17372	57372

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