

GB

DIN 6539 Straight Flute Drills
Micrograin Solid Carbide
For Drilling Hardened Materials - Straight Flute -
140° Point Angle

ES

Brocas DIN 6539 con dientes rectos
Metal duro con micrograno
Para el mecanizado de materiales duro - Angulo
punta 140°

FR

Forets à arête droite DIN 6539
Carbure monobloc, micrograin
Pour le perçage des matières trempés - Arête
droite - Angle d'entrée, 140°

PT

**Brocas de lâminas cortes direitos/
retos DIN 6539**
Metal duro microgrão
Para perfuração de materiais temperados -
Navalha/corte reto - Ângulo de ponto de 140°

IT

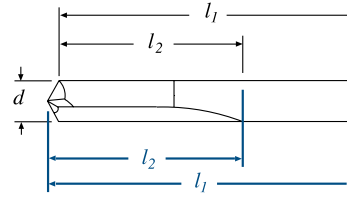
Punte Serie extra corta DIN 6539
Micrograna
Angolo di testa 140° - Con affilatura
autocentrante sulla testa. Elica dritta.
Per materiali temprati.

DE

Bohrer mit gerader Spannut, DIN 6539
Vollhartmetall, Feinstkorn
Für das Bohren von gehärteten Werkstoffen
gerade Spannut - Spitzenwinkel 140°

Ød mm h7	l ₁ mm	l ₂ mm	l ₃ mm	EDP No.	Ti-NAMITE EDP No.	Ti-NAMITE-C EDP No.	Ti-NAMITE-A EDP No.
1	26	6		66001	60891	69080	66002
1,5	32	9		66003	60892	69081	66004
2	38	12	9	66005	60893	69082	66006
2,5	43	14	11	66007	60894	69083	66008
3	46	16	12	66009	60895	69084	66010
3,5	52	20	15	66011	60896	69085	66012
4	55	22	17	66013	60897	69086	66014
4,5	58	24	18	66015	60898	69087	66016
5	62	26	20	66017	60899	69088	66018
5,5	66	28	21	66019	60900	69089	66020
6	66	28	21	66021	60901	69090	66045
6,5	70	31	23	66022	60902	69091	66046
7	74	34	25	66023	60903	69092	66024
7,5	74	34	25	66025	60904	69093	66026
8	79	37	27	66027	60905	69094	66028
8,5	79	37	27	66029	60906	69095	66030
9	84	40	29	66031	60907	69096	66032
9,5	84	40	29	66033	60908	69097	66034
10	89	43	31	66035	60909	69098	66036
10,5	89	43	31	66037	60910	69099	66038
11	95	47	33	66039	60911	69100	66040
11,5	95	47	33	66041	60912	69101	66042
12	102	51	35	66043	60913	69102	66044

d TOLERANCES h7	
Ø mm	mm
≤ 3	= +0,000-0,010
>3 - 6	= +0,000-0,012
>6 - 10	= +0,000-0,015
>10 - 18	= +0,000-0,018
>18 - 30	= +0,000-0,021



E

Série 106 Straight Flute Drills
Micrograin Solid Carbide
 For Drilling Hardened Materials -
 Straight Flute -140° Point Angle

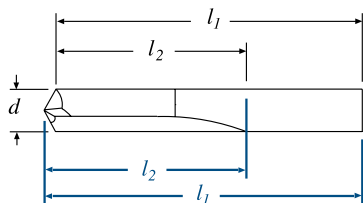
ES

Serie 106 con filos rectos
Carburo sólido con micrograno
 Para el mecanizado de materiales
 duro - Angulo punta 140°

FR

Série 106 Forets à arête droite
Carbure monobloc, micrograin
 Pour le perçage des matières trempés -
 Arête droite - Angle d'entrée, 140°

Size	Decimal Equiv.	Flute Length l ₂	Overall Length l ₁	Uncoated EDP No.	Ti-NAMITE (TiN) EDP No.	Ti-NAMITE-C (TiCN) EDP No.	Ti-NAMITE-A (AlTiN) EDP No.
1 mm	.0394	6 mm	26 mm	66001	60891	69080	66002
60	.0400	1/2	1-1/2	56060	58290	58380	56269
59	.0410	1/2	1-1/2	56059	58291	58381	56268
58	.0420	1/2	1-1/2	56058	58292	58382	56267
57	.0430	1/2	1-1/2	56057	58293	58383	56266
56	.0465	1/2	1-1/2	56056	58294	58384	56265
3/64	.0469	1/2	1-1/2	56103	58295	58385	56135
55	.0520	1/2	1-1/2	56055	58296	58386	56264
54	.0550	1/2	1-1/2	56054	58297	58387	56263
1,5 mm	.0591	9 mm	32 mm	66003	60892	69081	66004
53	.0595	1/2	1-1/2	56053	58298	58388	56262
1/16	.0625	5/8	1-1/2	56104	58299	58389	56136
52	.0635	11/16	1-11/16	56052	58300	58390	56261
51	.0670	11/16	1-11/16	56051	58301	58391	56260
50	.0700	11/16	1-11/16	56050	58302	58392	56259
49	.0730	11/16	1-11/16	56049	58303	58393	56258
48	.0760	11/16	1-11/16	56048	58304	58394	56257
5/64	.0781	11/16	1-11/16	56105	58305	58395	56137
47	.0785	3/4	1-3/4	56047	58306	58396	56256
2 mm	.0787	12 mm	38 mm	66005	60893	69082	66006
46	.0810	3/4	1-3/4	56046	58307	58397	56255
45	.0820	3/4	1-3/4	56045	58308	58398	56254
44	.0860	3/4	1-3/4	56044	58309	58399	56253
43	.0890	3/4	1-3/4	56043	58310	58400	56252
42	.0935	3/4	1-3/4	56042	58311	58401	56251
3/32	.0938	3/4	1-3/4	56106	58312	58402	56138
41	.0960	13/16	1-13/16	56041	58313	58403	56250
40	.0980	13/16	1-13/16	56040	58314	58404	56249
2,5 mm	.0984	14 mm	43 mm	66007	60894	69083	66008
39	.0995	13/16	1-13/16	56039	58315	58405	56248
38	.1015	13/16	1-13/16	56038	58316	58406	56247
37	.1040	13/16	1-13/16	56037	58317	58407	56246
36	.1065	13/16	1-13/16	56036	58318	58408	56245
7/64	.1094	13/16	1-13/16	56107	58319	58409	56139
35	.1100	7/8	1-7/8	56035	58320	58410	56244
34	.1110	7/8	1-7/8	56034	58321	58411	56243
33	.1130	7/8	1-7/8	56033	58322	58412	56242
32	.1160	7/8	1-7/8	56032	58323	58413	56241
3 mm	.1181	16 mm	46 mm	66009	60895	69084	66010
31	.1200	7/8	1-7/8	56031	58324	58414	56240
1/8	.1250	7/8	1-7/8	56108	58325	58415	56140
30	.1285	15/16	1-15/16	56030	58326	58416	56239
29	.1360	15/16	1-15/16	56029	58327	58417	56238
3,5 mm	.1378	20 mm	52 mm	66011	60896	69085	66012
28	.1405	15/16	1-15/16	56028	58328	58418	56237
9/64	.1406	15/16	1-15/16	56109	58329	58419	56141
27	.1440	1	2-1/16	56027	58330	58420	56236
26	.1470	1	2-1/16	56026	58331	58421	56235
25	.1495	1	2-1/16	56025	58332	58422	56234
24	.1520	1	2-1/16	56024	58333	58423	56233
23	.1540	1	2-1/16	56023	58334	58424	56232
5/32	.1562	1	2-1/16	56110	58335	58425	56142
22	.1570	1-1/16	2-1/8	56022	58336	58426	56231
4 mm	.1575	22 mm	55 mm	66013	60897	69086	66014
21	.1590	1-1/16	2-1/8	56021	58337	58427	56230
20	.1610	1-1/16	2-1/8	56020	58338	58428	56229
19	.1660	1-1/16	2-1/8	56019	58339	58429	56228
18	.1695	1-1/16	2-1/8	56018	58340	58430	56227
11/64	.1719	1-1/16	2-1/8	56111	58341	58431	56143
17	.1730	1-1/8	2-3/16	56017	58342	58432	56226
16	.1770	1-1/8	2-3/16	56016	58343	58433	56225



E

Series 106 Straight Flute Drills
Micrograin Solid Carbide
 For Drilling Hardened Materials -
 Straight Flute -140° Point Angle

ES

Serie 106 con filos rectos
Carburo sólido con micrograno
 Para el mecanizado de materiales
 duro - Angulo punta 140°

FR

Série 106 Forets à arête droite
Carbure monobloc, micrograin
 Pour le perçage des matières trempés -
 Arête droite - Angle d'entrée, 140°

Size d	Decimal Equiv.	Flute Length l ₂	Overall Length l ₁	Uncoated EDP No.	Ti-NAMITE (TiN) EDP No.	Ti-NAMITE-C (TiCN) EDP No.	Ti-NAMITE-A (AlTiN) EDP No.
4,5 mm	.1772	24 mm	58 mm	66015	60898	69087	66016
15	.1800	1-1/8	2-3/16	56015	58344	58434	56224
14	.1820	1-1/8	2-3/16	56014	58345	58435	56223
13	.1850	1-1/8	2-3/16	56013	58346	58436	56222
3/16	.1875	1-1/8	2-3/16	56112	58347	58437	56144
12	.1890	1-1/8	2-3/16	56012	58348	58438	56221
11	.1910	1-1/8	2-3/16	56011	58349	58439	56220
10	.1935	1-1/8	2-3/16	56010	58350	58440	56219
9	.1960	1-3/16	2-1/4	56009	58351	58441	56218
5 mm	.1969	26 mm	62 mm	66017	60899	69088	66018
8	.1990	1-3/16	2-1/4	56008	58352	58442	56217
7	.2010	1-3/16	2-1/4	56007	58353	58443	56216
13/64	.2031	1-3/16	2-1/4	56113	58354	58444	56145
6	.2040	1-1/4	2-3/8	56006	58355	58445	56215
5	.2055	1-1/4	2-3/8	56005	58356	58446	56214
4	.2090	1-1/4	2-3/8	56004	58357	58447	56213
3	.2130	1-1/4	2-3/8	56003	58358	58448	56212
5,5 mm	.2165	28 mm	66 mm	66019	60900	69089	66020
7/32	.2188	1-1/4	2-3/8	56114	58359	58449	56146
2	.2210	1-5/16	2-7/16	56002	58360	58450	56211
1	.2280	1-5/16	2-7/16	56001	58361	58451	56210
15/64	.2344	1-5/16	2-7/16	56115	58362	58452	56147
6 mm	.2362	28 mm	66 mm	66021	60901	69090	66045
1/4	.2500	1-3/8	2-1/2	56116	58363	58453	56148
6,5 mm	.2559	31 mm	70 mm	66022	60902	69091	66046
17/64	.2656	1-7/16	2-5/8	56117	58364	58454	56149
7 mm	.2756	34 mm	74 mm	66023	60903	69092	66024
9/32	.2812	1-1/2	2-11/16	56118	58365	58455	56150
7,5 mm	.2953	34 mm	74 mm	66025	60904	69093	66026
19/64	.2969	1-9/16	2-3/4	56119	58366	58456	56151
5/16	.3125	1-5/8	2-13/16	56120	58367	58457	56152
8 mm	.3150	37 mm	79 mm	66027	60905	69094	66028
21/64	.3281	1-11/16	2-15/16	56121	58368	58458	56153
8,5 mm	.3346	37 mm	79 mm	66029	60906	69095	66030
11/32	.3438	1-11/16	3	56122	58369	58459	56154
9 mm	.3543	40 mm	84 mm	66031	60907	69096	66032
23/64	.3594	1-3/4	3-1/16	56123	58370	58460	56155
9,5 mm	.3740	40 mm	84 mm	66033	60908	69097	66034
3/8	.3750	1-13/16	3-1/8	56124	58371	58461	56156
25/64	.3906	1-7/8	3-1/4	56125	58372	58462	56157
10 mm	.3937	43 mm	89 mm	66035	60909	69098	66036
13/32	.4062	1-15/16	3-5/16	56126	58373	58463	56158
10,5 mm	.4134	43 mm	89 mm	66037	60910	69099	66038
27/64	.4219	2	3-3/8	56127	58374	58464	56159
11 mm	.4331	47 mm	95 mm	66039	60911	69100	66040
7/16	.4375	2-1/16	3-7/16	56128	58375	58465	56160
11,5 mm	.4528	47 mm	95 mm	66041	60912	69101	66042
29/64	.4531	2-1/8	3-9/16	56129	58376	58466	56161
15/32	.4688	2-1/8	3-5/8	56130	58377	58467	56162
12 mm	.4724	51 mm	102 mm	66043	60913	69102	66044
31/64	.4844	2-3/16	3-11/16	56131	58378	58468	56163
1/2	.5000	2-1/4	3-3/4	56132	58379	58469	56164