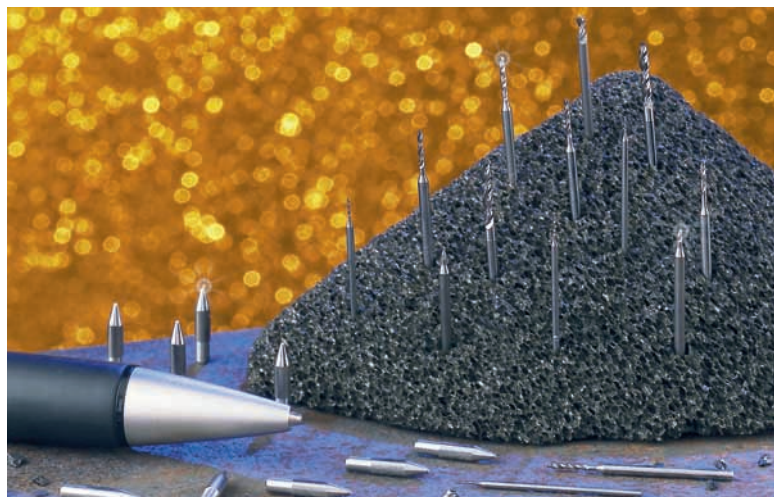


Kugelschreiberspitzenbohrer

Foret pour pointe à bille

Punte per penna a sfera

Ballpoint pentips drill



SPHINX

Sphinx Werkzeuge AG • Industriestrasse 6 • CH-4562 Biberist / Switzerland
Phone +41 32 671 21 00 • Fax +41 32 671 21 11 • sphinx@sphinx-tools.ch • www.sphinx-tools.ch




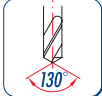

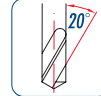

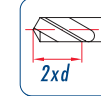
Kleinst-NC-Anbohrer aus HSS-E / Vollhartmetall








Micro foret à pointer CNC en HSS-E / métal dur

Micro punta a centrare CNC in HSS-E / metallo duro


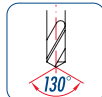

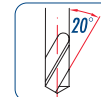

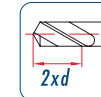
Micro NC spotting drill in HSS-E / solid carbide







Art. 16 004

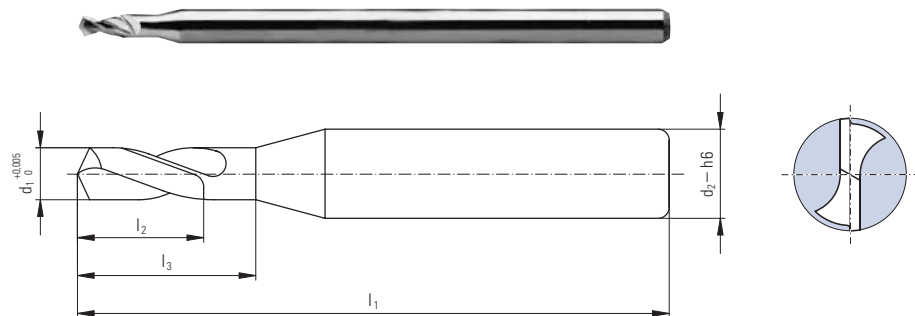







Art. 56 005



Abmessungen, Dimensions, Dimensioni, Dimensions

$d_1^{+0,005}$	d_2^{-h6}	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.10	1.5	25	0.4	0.6
0.15	1.5	25	0.4	0.6
0.20	1.5	25	0.6	0.9
0.25	1.5	25	0.6	0.9
0.30	1.5	25	0.9	1.2
0.35	1.5	25	0.9	1.2
0.40	1.5	25	0.8	1.6
0.45	1.5	25	0.8	1.6
0.50	1.5	25	1.0	1.8
0.55	1.5	25	1.0	1.8
0.60	1.5	25	1.2	2.0

In Packungen zu 10 Stück

$d_1^{+0,005}$	d_2^{-h6}	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.65	1.5	25	1.2	2.0
0.70	1.5	25	1.5	2.5
0.75	1.5	25	1.5	2.5
0.80	1.5	25	1.5	2.5
0.85	1.5	25	1.5	2.5
0.90	1.5	25	1.6	2.6
0.95	1.5	25	1.6	2.6
1.00	1.5	25	2.0	3.2
1.05	1.5	25	2.0	3.2
1.10	1.5	25	2.3	3.5
1.15	1.5	25	2.3	3.5

En boîtes de 10 pièces

$d_1^{+0,005}$	d_2^{-h6}	l_1	l_2	l_3
mm	mm	mm	mm	mm
1.20	1.5	25	2.3	3.5
1.25	1.5	25	2.3	3.5
1.30	1.5	25	2.7	4.2
1.35	1.5	25	2.7	4.2
1.40	1.5	25	2.7	4.2
1.45	1.5	25	2.7	4.2
1.50	1.5	25	3.0	—

In contenitori da 10 pezzi

$d_1^{+0,005}$	d_2^{-h6}	l_1	l_2	l_3
mm	mm	mm	mm	mm
1.60	1.5	25	3.0	—
1.70	1.5	25	3.0	—
1.80	1.5	25	3.0	—
1.90	1.5	25	3.0	—
2.00	1.5	25	3.0	—

Packaged in quantities of 10 pieces

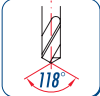
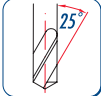
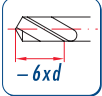
Kleinstbohrer Tipdrill aus Vollhartmetall


Micro foret Tipdrill en métal dur

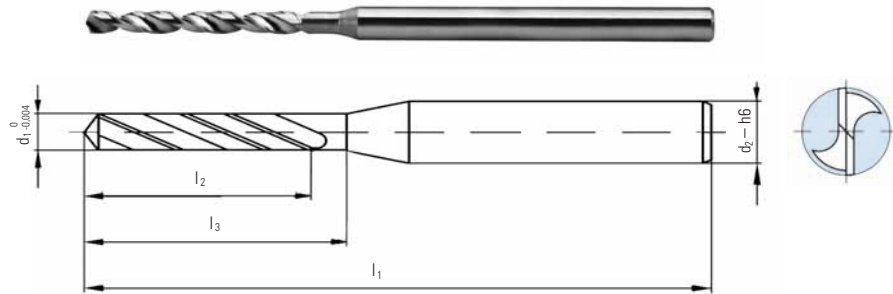
Micro punta Tipdrill in metallo duro

Micro Tipdrill in solid carbide

Art. 50 620

Submicron K20/30

Z 2

SPHINX NORM
Typ N


ST AC
INOX STAINLESS
GG GGG
AL
CU
HRC <50




Abmessungen, Dimensions, Dimensioni, Dimensions

$d_1^{0,004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.50	1.0	30	4.0	5.0
0.55	1.0	30	4.0	5.0
0.60	1.0	30	8.0	12.0
0.65	1.0	30	8.0	12.0
0.70	1.0	30	12.0	12.5
0.75	1.0	30	11.7	12.5
0.80	1.5	30	11.7	12.5
0.85	1.5	30	11.7	12.5
0.90	1.5	30	11.7	12.5
0.95	1.5	30	11.7	12.5
1.00	1.5	30	11.7	12.5

In Packungen zu 10 Stk.

$d_1^{0,004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
1.05	1.5	30	12.0	13.0
1.10	1.5	30	12.0	13.0
1.15	1.5	30	12.0	13.0
1.20	1.5	30	12.0	13.0
1.25	1.5	30	12.0	13.0
1.30	1.5	30	12.0	13.0
1.35	1.5	30	12.0	13.0
1.40	1.5	30	12.0	13.0
1.45	1.5	30	12.0	13.0
1.50	1.0	30	12.0	13.0
1.55	1.0	30	12.0	13.0

En boîtes de 10 pièces

$d_1^{0,004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
1.60	1.0	30	12.0	13.0

In contenitori da 10 pezzi

Packaged in quantities of 10 pieces

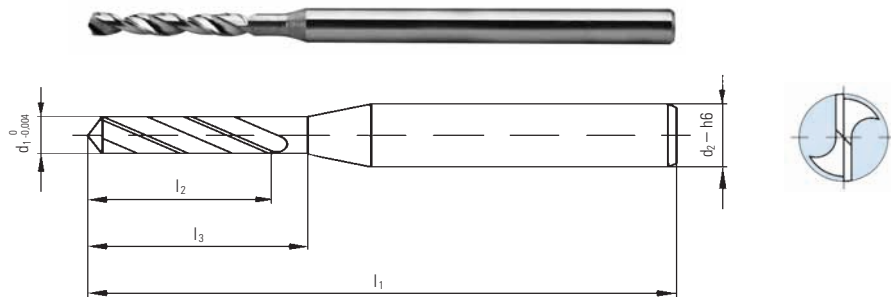
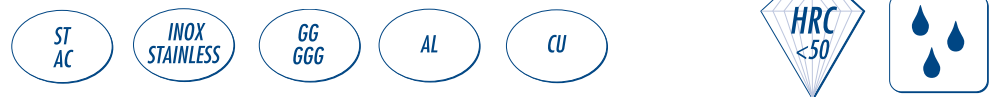
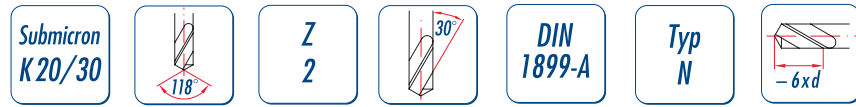
Kleinstbohrer SPIREC aus Vollhartmetall

Micro foret SPIREC en métal dur

Micro punta SPIREC in metallo duro

Micro drill SPIREC in solid carbide

Art. 50 699



Abmessungen, Dimensions, Dimensioni, Dimensions

$d_{1-0.004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.05	1.0	25	0.4	0.6
0.06	1.0	25	0.4	0.6
0.07	1.0	25	0.5	0.7
0.08	1.0	25	0.5	0.7
0.09	1.0	25	0.5	0.7
0.10	1.0	25	0.5	0.7
0.11	1.0	25	0.5	0.7
0.12	1.0	25	0.5	0.7
0.13	1.0	25	0.8	1.0
0.14	1.0	25	0.8	1.0
0.15	1.0	25	0.8	1.0
0.16	1.0	25	1.1	1.4
0.17	1.0	25	1.1	1.4
0.18	1.0	25	1.1	1.4
0.19	1.0	25	1.1	1.4
0.20	1.0	25	1.5	1.8
0.21	1.0	25	1.5	1.8
0.22	1.0	25	1.5	1.8
0.23	1.0	25	1.5	1.8
0.24	1.0	25	1.5	1.8
0.25	1.0	25	1.9	2.2
0.26	1.0	25	1.9	2.2
0.27	1.0	25	1.9	2.2
0.28	1.0	25	1.9	2.2
0.29	1.0	25	1.9	2.2
0.30	1.0	25	1.9	2.2
0.31	1.0	25	2.4	2.8
0.32	1.0	25	2.4	2.8
0.33	1.0	25	2.4	2.8

In Packungen zu 10 Stück

$d_{1-0.004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.34	1.0	25	2.4	2.8
0.35	1.0	25	2.4	2.8
0.36	1.0	25	2.4	2.8
0.37	1.0	25	2.4	2.8
0.38	1.0	25	2.4	2.8
0.39	1.0	25	2.7	3.6
0.40	1.0	25	2.7	3.6
0.41	1.0	25	2.7	3.6
0.42	1.0	25	2.7	3.6
0.43	1.0	25	2.7	3.6
0.44	1.0	25	2.7	3.6
0.45	1.0	25	2.7	3.6
0.46	1.0	25	2.7	3.6
0.47	1.0	25	2.7	3.6
0.48	1.0	25	2.7	3.6
0.49	1.0	25	3.2	4.0
0.50	1.0	25	3.2	4.0
0.51	1.0	25	3.2	4.0
0.52	1.0	25	3.2	4.0
0.53	1.0	25	3.2	4.0
0.54	1.0	25	3.6	4.5
0.55	1.0	25	3.6	4.5
0.56	1.0	25	3.6	4.5
0.57	1.0	25	3.6	4.5
0.58	1.0	25	3.6	4.5
0.59	1.0	25	3.6	4.5
0.60	1.0	25	3.6	4.5
0.61	1.0	25	3.9	5.0
0.62	1.0	25	3.9	5.0

En boîtes de 10 pièces

$d_{1-0.004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.63	1.0	25	3.9	5.0
0.64	1.0	25	3.9	5.0
0.65	1.0	25	3.9	5.0
0.66	1.0	25	3.9	5.0
0.67	1.0	25	3.9	5.0
0.68	1.0	25	4.5	5.6
0.69	1.0	25	4.5	5.6
0.70	1.0	25	4.5	5.6
0.71	1.0	25	4.5	5.6
0.72	1.0	25	4.5	5.6
0.73	1.0	25	4.5	5.6
0.74	1.0	25	4.5	5.6
0.75	1.0	25	4.5	5.6
0.76	1.0	25	5.0	6.3
0.77	1.0	25	5.0	6.3
0.78	1.0	25	5.0	6.3
0.79	1.0	25	5.0	6.3
0.80	1.5	25	5.0	6.3
0.81	1.5	25	5.0	6.3
0.82	1.5	25	5.0	6.3
0.83	1.5	25	5.0	6.3
0.84	1.5	25	5.0	6.3
0.85	1.5	25	5.0	6.3
0.86	1.5	25	5.7	7.1
0.87	1.5	25	5.7	7.1
0.88	1.5	25	5.7	7.1
0.89	1.5	25	5.7	7.1
0.90	1.5	25	5.7	7.1
0.91	1.5	25	5.7	7.1

In contenitori da 10 pezzi

$d_{1-0.004}$	d_2-h6	l_1	l_2	l_3
mm	mm	mm	mm	mm
0.92	1.5	25	5.7	7.1
0.93	1.5	25	5.7	7.1
0.94	1.5	25	5.7	7.1
0.95	1.5	25	5.7	7.1
0.96	1.5	25	6.5	8.0
0.97	1.5	25	6.5	8.0
0.98	1.5	25	6.5	8.0
0.99	1.5	25	6.5	8.0
1.00	1.5	25	6.5	8.0
1.05	1.5	25	6.5	8.0
1.10	1.5	25	7.3	9.0
1.15	1.5	25	7.3	9.0
1.20	1.5	25	8.2	10.0
1.25	1.5	25	8.2	10.0
1.30	1.5	25	8.2	10.0
1.35	1.5	25	9.2	11.2
1.40	1.5	25	9.2	11.2
1.45	1.5	25	9.2	11.2
1.50	1.5	25	9.2	11.2

Packaged in quantities of 10 pieces