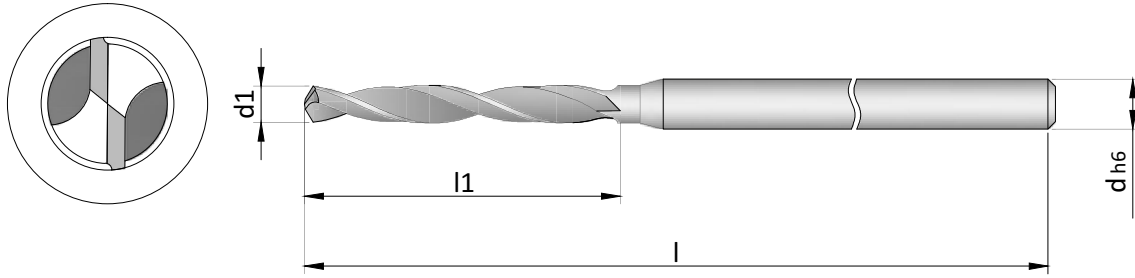


5 x d1



Alu	Alu > 9% Si	Steel < 1000 N/mm ²	Steel < 1000-1400 N/mm ²	Stainless Steel	Ni-Cr Alloy	GG	GGG	Copper	Brass	Titanium	Plastic
●	●	●	○	○	○	○	○	●	●	○	●

● Optimum ○ Good

VHM
DM-21

Z=2

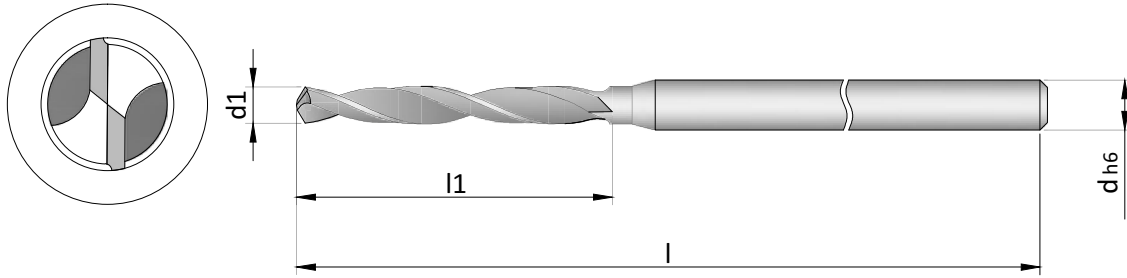
RH



order no	d1 ^{+0.000 -0.004}	l1	l	d
631.010	0.10	0.60	30	1.0
631.011	0.11	0.60	30	1.0
631.012	0.12	0.60	30	1.0
631.013	0.13	0.80	30	1.0
631.014	0.14	0.80	30	1.0
631.015	0.15	0.80	30	1.0
631.016	0.16	1.00	30	1.0
631.017	0.17	1.00	30	1.0
631.018	0.18	1.00	30	1.0
631.019	0.19	1.00	30	1.0
631.020	0.20	1.00	30	1.0
631.021	0.21	1.00	30	1.0
631.022	0.22	1.00	30	1.0
631.023	0.23	1.00	30	1.0
631.024	0.24	1.00	30	1.0
631.025	0.25	1.00	30	1.0
631.026	0.26	1.00	30	1.0
631.027	0.27	1.00	30	1.0
631.028	0.28	1.00	30	1.0
631.029	0.29	1.00	30	1.0
631.030	0.30	1.50	30	1.0
631.031	0.31	1.50	30	1.0
631.032	0.32	1.50	30	1.0
631.033	0.33	1.50	30	1.0
631.034	0.34	1.50	30	1.0
631.035	0.35	1.50	30	1.0
631.036	0.36	1.50	30	1.0
631.037	0.37	1.50	30	1.0
631.038	0.38	1.50	30	1.0
631.039	0.39	1.50	30	1.0
631.040	0.40	2.00	30	1.0
631.041	0.41	2.00	30	1.0
631.042	0.42	2.00	30	1.0
631.043	0.43	2.00	30	1.0
631.044	0.44	2.00	30	1.0

order no	d1 ^{+0.000 -0.004}	l1	l	d
631.045	0.45	3.50	30	1.0
631.046	0.46	3.50	30	1.0
631.047	0.47	3.50	30	1.0
631.048	0.48	3.50	30	1.0
631.049	0.49	4.00	30	1.0
631.050	0.50	4.00	30	1.0
631.051	0.51	4.00	30	1.0
631.052	0.52	4.00	30	1.0
631.053	0.53	4.00	30	1.0
631.054	0.54	4.50	30	1.0
631.055	0.55	4.50	30	1.0
631.056	0.56	4.50	30	1.0
631.057	0.57	4.50	30	1.0
631.058	0.58	4.50	30	1.0
631.059	0.59	4.50	30	1.0
631.060	0.60	4.50	30	1.0
631.061	0.61	5.00	30	1.0
631.062	0.62	5.00	30	1.0
631.063	0.63	5.00	30	1.0
631.064	0.64	5.00	30	1.0
631.065	0.65	5.00	30	1.0
631.066	0.66	5.00	30	1.0
631.067	0.67	5.00	30	1.0
631.068	0.68	5.60	30	1.0
631.069	0.69	5.60	30	1.0
631.070	0.70	5.60	30	1.0
631.071	0.71	5.60	30	1.0
631.072	0.72	5.60	30	1.0
631.073	0.73	5.60	30	1.0
631.074	0.74	5.60	30	1.0
631.075	0.75	5.60	30	1.0
631.076	0.76	6.50	30	1.0
631.077	0.77	6.50	30	1.0
631.078	0.78	6.50	30	1.0
631.079	0.79	6.50	30	1.0

- DIAMETER TOLERANCE IS BEFORE COATING
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- COATING ON REQUEST
- LASER MARKING ON REQUEST
- SPECIAL DIAMETERS & LENGTHS ON REQUEST



Alu	Alu > 9% Si	Steel < 1000 N/mm ²	Steel < 1000-1400 N/mm ²	Stainless Steel	Ni-Cr Alloy	GG	GGG	Copper	Brass	Titanium	Plastic
●	●	●	○	○	○	○	○	●	●	○	●

● Optimum ○ Good

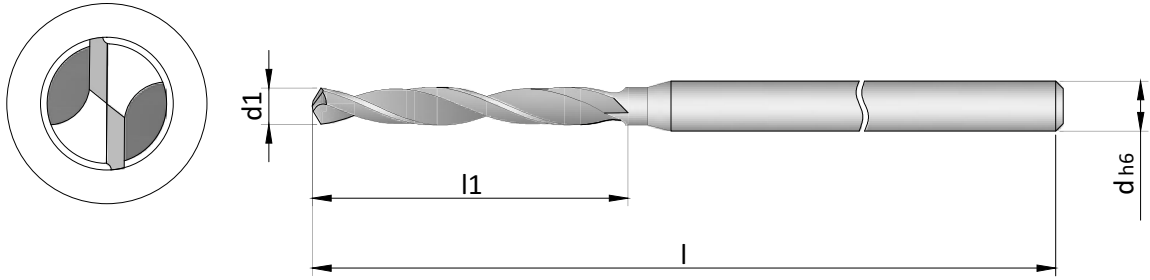
order no	d1 ^{+0.000} / _{-0.004}	l1	l	d
631.080	0.80	6.50	30	1.5
631.081	0.81	6.50	30	1.5
631.082	0.82	6.50	30	1.5
631.083	0.83	6.50	30	1.5
631.084	0.84	6.50	30	1.5
631.085	0.85	6.50	30	1.5
631.086	0.86	7.00	30	1.5
631.087	0.87	7.00	30	1.5
631.088	0.88	7.00	30	1.5
631.089	0.89	7.00	30	1.5
631.090	0.90	7.00	30	1.5
631.091	0.91	7.00	30	1.5
631.092	0.92	7.00	30	1.5
631.093	0.93	7.00	30	1.5
631.094	0.94	7.00	30	1.5
631.095	0.95	7.00	30	1.5
631.096	0.96	8.00	30	1.5
631.097	0.97	8.00	30	1.5
631.098	0.98	8.00	30	1.5
631.099	0.99	8.00	30	1.5
631.100	1.00	9.00	30	1.5
631.101	1.01	9.00	30	1.5
631.102	1.02	9.00	30	1.5
631.103	1.03	9.00	30	1.5
631.104	1.04	9.00	30	1.5
631.105	1.05	9.00	30	1.5
631.106	1.06	9.00	30	1.5
631.107	1.07	9.00	30	1.5
631.108	1.08	9.00	30	1.5
631.109	1.09	9.00	30	1.5
631.110	1.10	9.00	30	1.5
631.111	1.11	9.00	30	1.5
631.112	1.12	9.00	30	1.5
631.113	1.13	9.00	30	1.5
631.115	1.15	9.00	30	1.5

order no	d1 ^{+0.000} / _{-0.004}	l1	l	d
631.114	1.14	9.00	30	1.5
631.116	1.16	9.00	30	1.5
631.117	1.17	9.00	30	1.5
631.118	1.18	9.00	30	1.5
631.119	1.19	10.00	30	1.5
631.120	1.20	10.00	30	1.5
631.121	1.21	10.00	30	1.5
631.122	1.22	10.00	30	1.5
631.123	1.23	10.00	30	1.5
631.124	1.24	10.00	30	1.5
631.125	1.25	10.00	30	1.5
631.126	1.26	10.00	30	1.5
631.127	1.27	10.00	30	1.5
631.128	1.28	10.00	30	1.5
631.129	1.29	10.00	30	1.5
631.130	1.30	10.00	30	1.5
631.131	1.31	10.00	30	1.5
631.132	1.32	10.00	30	1.5
631.133	1.33	11.50	30	1.5
631.134	1.34	11.50	30	1.5
631.135	1.35	11.50	30	1.5
631.136	1.36	11.50	30	1.5
631.137	1.37	11.50	30	1.5
631.138	1.38	11.50	30	1.5
631.139	1.39	11.50	30	1.5
631.140	1.40	11.50	30	1.5
631.141	1.41	11.50	30	1.5
631.142	1.42	11.50	30	1.5
631.143	1.43	11.50	30	1.5
631.144	1.44	11.50	30	1.5
631.145	1.45	11.50	30	1.5
631.146	1.46	11.50	30	1.5
631.147	1.47	11.50	30	1.5

- VHM DM-21
- Z=2
- RH
- 24° HELIX
- 5 x d1
- 118°
- < Ø.40
- ≥ Ø.40
- Type-HA
- Water spray icon
- Flute icon

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5 x d1



Alu	Alu > 9% Si	Steel < 1000 N/mm ²	Steel < 1000-1400 N/mm ²	Stainless Steel	Ni-Cr Alloy	GG	GGG	Copper	Brass	Titanium	Plastic
●	●	●	○	○	○	○	○	●	●	○	●

● Optimum ○ Good

VHM DM-21

Z=2

RH



order no	d1 ^{+0.000/-0.004}	l1	l	d
631.148	1.48	11.50	30	1.5
631.149	1.49	11.50	30	1.5
631.150	1.50	12.00	38	2.0
631.151	1.51	12.00	38	2.0
631.152	1.52	12.00	38	2.0
631.153	1.53	12.00	38	2.0
631.154	1.54	12.00	38	2.0
631.155	1.55	12.00	38	2.0
631.156	1.56	12.00	38	2.0
631.157	1.57	12.00	38	2.0
631.158	1.58	12.00	38	2.0
631.159	1.59	12.00	38	2.0
631.160	1.60	12.00	38	2.0
631.161	1.61	12.00	38	2.0
631.162	1.62	12.00	38	2.0
631.163	1.63	12.00	38	2.0
631.164	1.64	12.00	38	2.0
631.165	1.65	12.00	38	2.0
631.166	1.66	12.00	38	2.0
631.167	1.67	12.00	38	2.0
631.168	1.68	12.00	38	2.0
631.169	1.69	12.00	38	2.0
631.170	1.70	12.00	38	2.0
631.171	1.71	12.00	38	2.0
631.172	1.72	12.00	38	2.0
631.173	1.73	12.00	38	2.0
631.174	1.74	12.00	38	2.0
631.175	1.75	12.00	38	2.0
631.176	1.76	12.00	38	2.0
631.177	1.77	12.00	38	2.0
631.178	1.78	12.00	38	2.0
631.179	1.79	12.00	38	2.0
631.180	1.80	12.00	38	2.0
631.181	1.81	12.00	38	2.0
631.182	1.82	12.00	38	2.0

order no	d1 ^{+0.000/-0.004}	l1	l	d
631.183	1.83	12.00	38	2.0
631.184	1.84	12.00	38	2.0
631.185	1.85	12.00	38	2.0
631.186	1.86	12.00	38	2.0
631.187	1.87	12.00	38	2.0
631.188	1.88	12.00	38	2.0
631.189	1.89	12.00	38	2.0
631.190	1.90	12.00	38	2.0
631.192	1.92	12.00	38	2.0
631.193	1.93	12.00	38	2.0
631.194	1.94	12.00	38	2.0
631.195	1.95	12.00	38	2.0
631.196	1.96	12.00	38	2.0
631.197	1.97	12.00	38	2.0
631.198	1.98	12.00	38	2.0
631.199	1.99	12.00	38	2.0
631.200	2.00	12.00	38	3.0
631.205	2.05	12.00	38	3.0
631.210	2.10	12.00	38	3.0
631.215	2.15	12.00	38	3.0
631.220	2.20	12.00	38	3.0
631.225	2.25	12.00	38	3.0
631.230	2.30	12.00	38	3.0
631.235	2.35	12.00	38	3.0
631.240	2.40	12.00	38	3.0
631.245	2.45	12.00	38	3.0
631.250	2.50	12.00	38	3.0
631.255	2.55	12.00	38	3.0
631.260	2.60	12.00	38	3.0
631.265	2.65	12.00	38	3.0
631.270	2.70	12.00	38	3.0
631.275	2.75	12.00	38	3.0
631.280	2.80	12.00	38	3.0
631.285	2.85	12.00	38	3.0
631.290	2.90	12.00	38	3.0
631.295	2.95	12.00	38	3.0
631.300	3.00	12.00	38	3.0

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