

# A130



- Taper Shank Drill
- Spiralbohrer, MK
- Boor met morseconus
- Foret queue cône morse
- Broca de mango cónico
- Broca de Haste Cônica



## A130

Above 14.0mm - Point Thinned / über 14mmØ ausgespitzt / Boven 14,0mm - uitgedund / Au dessus du Ø 14,0 mm - Pointe amincie / Por encima de 14,0mm-Punta adelgazada / Acima de 14,0mm - Alma Corrigida



- 1.1 1.2 1.3 1.4 3.1 3.2
- 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d <sub>1</sub> Øh <sub>8</sub> Inch	d <sub>1</sub> Øh <sub>8</sub> mm	d <sub>1</sub> decimal Inch	l <sub>2</sub> mm	l <sub>1</sub> mm	MK	e-Code
	2.00	0.0787	24	105	1	A1302.0
	2.50	0.0984	30	111	1	A1302.5
	3.00	0.1181	33	114	1	A1303.0
1/8	3.18	0.1251	36	117	1	A1301/8
	3.20	0.1259	36	117	1	A1303.2
	3.25	0.1279	36	117	1	A1303.25
	3.30	0.1299	36	117	1	A1303.3
	3.50	0.1377	39	120	1	A1303.5
9/64	3.57	0.1405	39	120	1	A1309/64
	3.75	0.1476	39	120	1	A1303.75
5/32	3.97	0.1562	43	124	1	A1305/32
	4.00	0.1574	43	124	1	A1304.0
	4.10	0.1614	43	124	1	A1304.1
	4.20	0.1653	43	124	1	A1304.2
	4.25	0.1673	43	124	1	A1304.25
11/64	4.37	0.1720	47	128	1	A13011/64
	4.50	0.1771	47	128	1	A1304.5
	4.75	0.1870	52	128	1	A1304.75
3/16	4.76	0.1874	52	133	1	A1303/16
	4.80	0.1889	52	133	1	A1304.8
	4.90	0.1929	52	133	1	A1304.9
	5.00	0.1968	52	133	1	A1305.0
	5.10	0.2007	52	133	1	A1305.1
13/64	5.16	0.2031	52	133	1	A13013/64
	5.20	0.2047	52	133	1	A1305.2
	5.25	0.2066	52	133	1	A1305.25
	5.40	0.2125	57	138	1	A1305.4
	5.50	0.2165	57	138	1	A1305.5
7/32	5.56	0.2188	57	138	1	A1307/32
	5.70	0.2244	57	138	1	A1305.7
	5.75	0.2263	57	138	1	A1305.75
	5.80	0.2283	57	138	1	A1305.8
	5.90	0.2322	57	138	1	A1305.9
15/64	5.95	0.2342	57	138	1	A13015/64
	6.00	0.2362	57	138	1	A1306.0
	6.10	0.2401	63	144	1	A1306.1
	6.20	0.2440	63	144	1	A1306.2
	6.25	0.2460	63	144	1	A1306.25
	6.30	0.2480	63	144	1	A1306.3
1/4	6.35	0.2500	63	144	1	A1301/4
	6.40	0.2519	63	144	1	A1306.4
	6.50	0.2559	63	144	1	A1306.5

d <sub>1</sub> Øh <sub>8</sub> Inch	d <sub>1</sub> Øh <sub>8</sub> mm	d <sub>1</sub> decimal Inch	l <sub>2</sub> mm	l <sub>1</sub> mm	MK	e-Code
	6.60	0.2598	63	144	1	A1306.6
	6.70	0.2637	63	144	1	A1306.7
17/64	6.75	0.2657	69	150	1	A13017/64
	6.75	0.2657	69	150	1	A1306.75
	6.80	0.2677	69	150	1	A1306.8
	6.90	0.2716	69	150	1	A1306.9
	7.00	0.2755	69	150	1	A1307.0
9/32	7.14	0.2811	69	150	1	A1309/32
	7.20	0.2834	69	150	1	A1307.2
	7.25	0.2854	69	150	1	A1307.25
	7.30	0.2874	69	150	1	A1307.3
	7.40	0.2913	69	150	1	A1307.4
	7.50	0.2952	69	150	1	A1307.5
19/64	7.54	0.2968	75	156	1	A13019/64
	7.70	0.3031	75	156	1	A1307.7
	7.75	0.3051	75	156	1	A1307.75
	7.80	0.3070	75	156	1	A1307.8
	7.90	0.3110	75	156	1	A1307.9
5/16	7.94	0.3125	75	156	1	A1305/16
	8.00	0.3149	75	156	1	A1308.0
	8.10	0.3188	75	156	1	A1308.1
	8.20	0.3228	75	156	1	A1308.2
	8.25	0.3248	75	156	1	A1308.25
	8.30	0.3267	75	156	1	A1308.3
21/64	8.33	0.3279	75	156	1	A13021/64
	8.40	0.3307	75	156	1	A1308.4
	8.50	0.3346	75	156	1	A1308.5
	8.60	0.3385	81	162	1	A1308.6
	8.70	0.3425	81	162	1	A1308.7
11/32	8.73	0.3437	81	162	1	A13011/32
	8.75	0.3444	81	162	1	A1308.75
	8.80	0.3464	81	162	1	A1308.8
	8.90	0.3503	81	162	1	A1308.9
	9.00	0.3543	81	162	1	A1309.0
	9.10	0.3582	81	162	1	A1309.1
23/64	9.13	0.3594	81	162	1	A13023/64
	9.20	0.3622	81	162	1	A1309.2
	9.25	0.3641	81	162	1	A1309.25
	9.30	0.3661	81	162	1	A1309.3
	9.50	0.3740	81	162	1	A1309.5
3/8	9.53	0.3751	87	168	1	A1303/8
	9.60	0.3779	87	168	1	A1309.6

$d_1$ $\varnothing_{h_8}$ Inch	$d_1$ $\varnothing_{h_8}$ mm	$d_1$ decimal Inch	$l_2$ mm	$l_1$ mm	MK	e-Code	$d_1$ $\varnothing_{h_8}$ Inch	$d_1$ $\varnothing_{h_8}$ mm	$d_1$ decimal Inch	$l_2$ mm	$l_1$ mm	MK	e-Code
	9.70	0.3818	87	168	1	A1309.7		14.90	0.5866	114	212	2	A13014.9
	9.75	0.3838	87	168	1	A1309.75		15.00	0.5905	114	212	2	A13015.0
	9.80	0.3858	87	168	1	A1309.8	19/32	15.08	0.5937	120	218	2	A13019/32
	9.90	0.3897	87	168	1	A1309.9		15.10	0.5944	120	218	2	A13015.1
25/64	9.92	0.3905	87	168	1	A13025/64		15.20	0.5984	120	218	2	A13015.2
	10.00	0.3937	87	168	1	A13010.0	39/64	15.25	0.6003	120	218	2	A13015.25
	10.10	0.3976	87	168	1	A13010.1		15.48	0.6094	120	218	2	A13039/64
	10.20	0.4015	87	168	1	A13010.2		15.50	0.6102	120	218	2	A13015.5
	10.25	0.4035	87	168	1	A13010.25		15.70	0.6181	120	218	2	A13015.7
	10.30	0.4055	87	168	1	A13010.3		15.75	0.6200	120	218	2	A13015.75
13/32	10.32	0.4062	87	168	1	A13013/32		15.80	0.6220	120	218	2	A13015.8
	10.50	0.4133	87	168	1	A13010.5	5/8	15.88	0.6251	120	218	2	A1305/8
27/64	10.72	0.4220	94	175	1	A13027/64		15.90	0.6259	120	218	2	A13015.9
	10.75	0.4232	94	175	1	A13010.75		16.00	0.6299	120	218	2	A13016.0
	10.80	0.4251	94	175	1	A13010.8		16.10	0.6338	125	223	2	A13016.1
	10.90	0.4291	94	175	1	A13010.9		16.20	0.6377	125	223	2	A13016.2
	11.00	0.4330	94	175	1	A13011.0		16.25	0.6397	125	223	2	A13016.25
	11.10	0.4370	94	175	1	A13011.1	41/64	16.27	0.6405	125	223	2	A13041/64
7/16	11.11	0.4374	94	175	1	A1307/16		16.50	0.6496	125	223	2	A13016.5
	11.20	0.4409	94	175	1	A13011.2	21/32	16.67	0.6562	125	223	2	A13021/32
	11.25	0.4429	94	175	1	A13011.25		16.75	0.6594	125	223	2	A13016.75
	11.30	0.4448	94	175	1	A13011.3		17.00	0.6692	125	223	2	A13017.0
	11.40	0.4488	94	175	1	A13011.4	43/64	17.07	0.6720	130	228	2	A13043/64
	11.50	0.4527	94	175	1	A13011.5		17.25	0.6791	130	228	2	A13017.25
29/64	11.51	0.4531	94	175	1	A13029/64	11/16	17.46	0.6874	130	228	2	A13011/16
	11.60	0.4566	94	175	1	A13011.6		17.50	0.6889	130	228	2	A13017.5
	11.70	0.4606	94	175	1	A13011.7		17.75	0.6988	130	228	2	A13017.75
	11.75	0.4625	94	175	1	A13011.75	45/64	17.86	0.7031	130	228	2	A13045/64
	11.80	0.4645	94	175	1	A13011.8		18.00	0.7086	130	228	2	A13018.0
	11.90	0.4685	101	182	1	A13011.9		18.25	0.7185	135	233	2	A13018.25
15/32	11.91	0.4688	101	182	1	A13015/32	23/32	18.26	0.7188	135	233	2	A13023/32
	12.00	0.4724	101	182	1	A13012.0		18.50	0.7283	135	233	2	A13018.5
	12.10	0.4763	101	182	1	A13012.1	47/64	18.65	0.7342	135	233	2	A13047/64
	12.20	0.4803	101	182	1	A13012.2		18.75	0.7381	135	233	2	A13018.75
	12.25	0.4822	101	182	1	A13012.25		19.00	0.7480	135	233	2	A13019.0
31/64	12.30	0.4842	101	182	1	A13031/64	3/4	19.05	0.7500	140	238	2	A1303/4
	12.30	0.4842	101	182	1	A13012.3		19.25	0.7578	140	238	2	A13019.25
	12.40	0.4881	101	182	1	A13012.4	49/64	19.45	0.7657	140	238	2	A13049/64
	12.50	0.4921	101	182	1	A13012.5		19.50	0.7677	140	238	2	A13019.5
	12.60	0.4960	101	182	1	A13012.6		19.75	0.7775	140	238	2	A13019.75
	12.70	0.5000	101	182	1	A13012.7	25/32	19.84	0.7811	140	238	2	A13025/32
1/2	12.70	0.5000	101	182	1	A1301/2		20.00	0.7874	140	238	2	A13020.0
	12.75	0.5019	101	182	1	A13012.75	51/64	20.24	0.7968	145	243	2	A13051/64
	12.80	0.5039	101	182	1	A13012.8		20.25	0.7972	145	243	2	A13020.25
	12.90	0.5078	101	182	1	A13012.9		20.40	0.8031	145	243	2	A13020.4
	13.00	0.5118	101	182	1	A13013.0		20.50	0.8070	145	243	2	A13020.5
33/64	13.10	0.5157	101	182	1	A13033/64	13/16	20.64	0.8125	145	243	2	A13013/16
	13.20	0.5196	101	182	1	A13013.2		20.75	0.8169	145	243	2	A13020.75
	13.25	0.5216	108	189	1	A13013.25		21.00	0.8267	145	243	2	A13021.0
17/32	13.49	0.5311	108	189	1	A13017/32	53/64	21.03	0.8279	145	243	2	A13053/64
	13.50	0.5314	108	189	1	A13013.5		21.25	0.8366	150	248	2	A13021.25
	13.60	0.5354	108	189	1	A13013.6	27/32	21.43	0.8437	150	248	2	A13027/32
	13.70	0.5393	108	189	1	A13013.7		21.50	0.8464	150	248	2	A13021.5
	13.75	0.5413	108	189	1	A13013.75		21.75	0.8562	150	248	2	A13021.75
	13.80	0.5433	108	189	1	A13013.8	55/64	21.82	0.8590	150	248	2	A13055/64
35/64	13.89	0.5468	108	189	1	A13035/64		22.00	0.8661	150	248	2	A13022.0
	13.90	0.5472	108	189	1	A13013.9	7/8	22.23	0.8751	150	248	2	A1307/8
	14.00	0.5511	108	189	1	A13014.0		22.25	0.8759	150	248	2	A13022.25
	14.10	0.5551	114	212	2	A13014.1		22.50	0.8858	155	253	2	A13022.5
	14.20	0.5590	114	212	2	A13014.2	57/64	22.62	0.8905	155	253	2	A13057/64
	14.25	0.5610	114	212	2	A13014.25		22.75	0.8956	155	253	2	A13022.75
9/16	14.29	0.5625	114	212	2	A1309/16		23.00	0.9055	155	253	2	A13023.0
	14.30	0.5629	114	212	2	A13014.3	29/32	23.02	0.9062	155	253	2	A13029/32
	14.40	0.5669	114	212	2	A13014.4		23.25	0.9153	155	276	3	A13023.25
	14.50	0.5708	114	212	2	A13014.5	59/64	23.42	0.9220	155	276	3	A13059/64
	14.60	0.5748	114	212	2	A13014.6		23.50	0.9251	155	276	3	A13023.5
37/64	14.68	0.5779	114	212	2	A13037/64		23.75	0.9350	160	281	3	A13023.75
	14.70	0.5787	114	212	2	A13014.7	15/16	23.81	0.9374	160	281	3	A13015/16
	14.75	0.5807	114	212	2	A13014.75		24.00	0.9448	160	281	3	A13024.0
	14.80	0.5826	114	212	2	A13014.8	61/64	24.21	0.9531	160	281	3	A13061/64

# A130



d <sub>1</sub> Øh <sub>8</sub> Inch	d <sub>1</sub> Øh <sub>8</sub> mm	d <sub>1</sub> decimal Inch	l <sub>2</sub> mm	l <sub>1</sub> mm	MK	e-Code	d <sub>1</sub> Øh <sub>8</sub> Inch	d <sub>1</sub> Øh <sub>8</sub> mm	d <sub>1</sub> decimal Inch	l <sub>2</sub> mm	l <sub>1</sub> mm	MK	e-Code
	24.25	0.9547	160	281	3	A13024.25		41.00	1.6141	205	354	4	A13041.0
	24.50	0.9645	160	281	3	A13024.5	1.5/8	41.28	1.6251	205	354	4	A1301.5/8
31/32	24.61	0.9688	160	281	3	A13031/32		41.50	1.6338	205	354	4	A13041.5
	24.75	0.9744	160	281	3	A13024.75		42.00	1.6535	205	354	4	A13042.0
	25.00	0.9842	160	281	3	A13025.0		42.50	1.6732	205	354	4	A13042.5
63/64	25.00	0.9842	160	286	3	A13063/64	1.11/16	42.86	1.6874	210	359	4	A1301.11/16
	25.25	0.9940	165	286	3	A13025.25		43.00	1.6929	210	359	4	A13043.0
1"	25.40	1.0000	165	286	3	A1301		43.50	1.7125	210	359	4	A13043.5
	25.50	1.0039	165	286	3	A13025.5		44.00	1.7322	210	359	4	A13044.0
	25.75	1.0137	165	286	3	A13025.75	1.3/4	44.45	1.7500	210	359	4	A1301.3/4
	26.00	1.0236	165	286	3	A13026.0		44.50	1.7519	210	359	4	A13044.5
	26.25	1.0334	165	286	3	A13026.25		45.00	1.7716	210	359	4	A13045.0
	26.50	1.0433	165	286	3	A13026.5		45.50	1.7913	215	364	4	A13045.5
	26.75	1.0531	170	291	3	A13026.75		46.00	1.8110	215	364	4	A13046.0
1.1/16	26.99	1.0625	170	291	3	A1301.1/16		46.50	1.8307	215	364	4	A13046.5
	27.00	1.0629	170	291	3	A13027.0		47.00	1.8503	215	364	4	A13047.0
	27.25	1.0728	170	291	3	A13027.25		47.50	1.8700	215	364	4	A13047.5
	27.50	1.0826	170	291	3	A13027.5		48.00	1.8897	220	369	4	A13048.0
	27.75	1.0925	170	291	3	A13027.75		48.50	1.9094	220	369	4	A13048.5
	28.00	1.1023	170	291	3	A13028.0		49.00	1.9291	220	369	4	A13049.0
	28.25	1.1122	175	296	3	A13028.25		49.50	1.9488	220	369	4	A13049.5
	28.50	1.1220	175	296	3	A13028.5		50.00	1.9685	220	369	4	A13050.0
1.1/8	28.58	1.1251	175	296	3	A1301.1/8	2"	50.80	2.0000	225	374	4	A1302
	28.75	1.1318	175	296	3	A13028.75		51.00	2.0078	225	412	5	A13051.0
	29.00	1.1417	175	296	3	A13029.0		52.00	2.0472	225	412	5	A13052.0
	29.25	1.1515	175	296	3	A13029.25		53.00	2.0866	225	412	5	A13053.0
1.5/32	29.37	1.1562	175	296	3	A1301.5/32		54.00	2.1259	230	417	5	A13054.0
	29.50	1.1614	175	296	3	A13029.5		55.00	2.1653	230	417	5	A13055.0
	29.75	1.1712	175	296	3	A13029.75		56.00	2.2047	230	417	5	A13056.0
	30.00	1.1811	175	296	3	A13030.0		57.00	2.2440	235	422	5	A13057.0
1.3/16	30.16	1.1874	180	301	3	A1301.3/16		58.00	2.2834	235	422	5	A13058.0
	30.25	1.1909	180	301	3	A13030.25		59.00	2.3228	235	422	5	A13059.0
	30.50	1.2007	180	301	3	A13030.5		60.00	2.3622	235	422	5	A13060.0
	30.75	1.2106	180	301	3	A13030.75		61.00	2.4015	240	427	5	A13061.0
1.7/32	30.96	1.2188	180	301	3	A1301.7/32		62.00	2.4409	240	427	5	A13062.0
	31.00	1.2204	180	301	3	A13031.0		63.00	2.4803	240	427	5	A13063.0
	31.25	1.2303	180	301	3	A13031.25	2.1/2	63.50	2.5000	245	432	5	A1302.1/2
	31.50	1.2401	180	301	3	A13031.5		64.00	2.5196	245	432	5	A13064.0
	31.75	1.2500	185	306	3	A13031.75		65.00	2.5590	245	432	5	A13065.0
1.1/4	31.75	1.2500	185	306	3	A1301.1/4		66.00	2.5984	245	432	5	A13066.0
	32.00	1.2598	185	334	4	A13032.0	2.5/8	66.68	2.6251	245	432	5	A1302.5/8
	32.50	1.2795	185	334	4	A13032.5		67.00	2.6377	245	432	5	A13067.0
1.9/32	32.54	1.2811	185	334	4	A1301.9/32		68.00	2.6771	250	437	5	A13068.0
	33.00	1.2992	185	334	4	A13033.0		69.00	2.7165	250	437	5	A13069.0
1.5/16	33.34	1.3125	185	334	4	A1301.5/16	2.3/4	68.85	2.7106	250	437	5	A1302.3/4
	33.50	1.3188	185	334	4	A13033.5		70.00	2.7559	250	437	5	A13070.0
	34.00	1.3385	190	339	4	A13034.0		71.00	2.7952	250	437	5	A13071.0
1.11/32	34.13	1.3437	190	339	4	A1301.11/32		72.00	2.8346	255	442	5	A13072.0
	34.50	1.3582	190	339	4	A13034.5		73.00	2.8740	255	442	5	A13073.0
1.3/8	35.00	1.3779	190	339	4	A1301.3/8	2.7/8	73.03	2.8751	255	442	5	A1302.7/8
	35.00	1.3779	190	339	4	A13035.0		74.00	2.9133	255	442	5	A13074.0
	35.50	1.3976	190	339	4	A13035.5		75.00	2.9527	255	442	5	A13075.0
1.13/32	35.72	1.4062	195	344	4	A1301.13/32		76.00	2.9921	260	447	5	A13076.0
	36.00	1.4173	195	344	4	A13036.0	3"	76.20	3.0000	260	447	5	A1303
	36.50	1.4370	195	344	4	A13036.5		77.00	3.0314	260	514	6	A13077.0
1.7/16	36.51	1.4374	195	344	4	A1301.7/16		78.00	3.0708	260	514	6	A13078.0
	37.00	1.4566	195	344	4	A13037.0		79.00	3.1102	260	514	6	A13079.0
	37.50	1.4763	195	344	4	A13037.5		80.00	3.1496	260	514	6	A13080.0
	38.00	1.4960	200	349	4	A13038.0		81.00	3.1889	265	519	6	A13081.0
1.1/2	38.10	1.5000	200	349	4	A1301.1/2		84.00	3.3070	265	519	6	A13084.0
	38.50	1.5157	200	349	4	A13038.5		85.00	3.3464	265	519	6	A13085.0
	39.00	1.5354	200	349	4	A13039.0		90.00	3.5433	270	524	6	A13090.0
	39.50	1.5551	200	349	4	A13039.5		95.00	3.7401	275	529	6	A13095.0
1.9/16	39.69	1.5625	200	349	4	A1301.9/16		100.00	3.9370	280	534	6	A130100.0
	40.00	1.5748	200	349	4	A13040.0							
	40.50	1.5944	205	354	4	A13040.5							

