

HSS Morse Taper Shank Drills

SKF & Dormer Tools

ISO / BS 328 / DIN 345 RN



Type No. A130

Flute Type: Standard Helix
Point Angle: 118°
 9/16", 14.25mm to 3", 76mm Notch Thinned
Surface Treatment: Bright: below 7/64", 2.5mm
 Blue: 7/64", 2.5mm and above
Application: General purpose drills.

ANSI standard also available: Type A360.

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
1/16	.0625	1	25/32	3.31/32
5/64	.0781	1	15/16	4. 1/8
3/32	.0938	1	1. 3/16	4. 3/8
7/64	.1094	1	1. 5/16	4. 1/2
1/8	.1250	1	1. 7/16	4. 5/8
9/64	.1406	1	1.17/32	4. 3/4
5/32	.1562	1	1.11/16	4.27/32
11/64	.1719	1	1.27/32	5. 1/32
3/16	.1875	1	2. 1/16	5. 1/4
13/64	.2031	1	2. 1/16	5. 1/4
7/32	.2188	1	2. 1/4	5. 7/16
15/64	.2344	1	2. 1/4	5. 7/16
1/4	.2500	1	2. 1/2	5.11/16
17/64	.2656	1	2.23/32	5.29/32
9/32	.2812	1	2.23/32	5.29/32
19/64	.2969	1	2.15/16	6. 1/8
5/16	.3125	1	2.15/16	6. 1/8
21/64	.3281	1	2.15/16	6. 1/8
11/32	.3438	1	3. 3/16	6. 3/8
23/64	.3594	1	3. 3/16	6. 3/8
3/8	.3750	1	3. 7/16	6. 5/8
25/64	.3906	1	3. 7/16	6. 5/8
13/32	.4062	1	3. 7/16	6. 5/8
27/64	.4219	1	3.11/16	6. 7/8
7/16	.4375	1	3.11/16	6. 7/8
29/64	.4531	1	3.11/16	6. 7/8
15/32	.4688	1	3.31/32	7. 5/32
31/64	.4844	1	3.31/32	7. 5/32
1/2	.5000	1	3.31/32	7. 5/32
33/64	.5156	1	3.31/32	7. 5/32
17/32	.5312	1	4. 1/4	7. 7/16
35/64	.5469	1	4. 1/4	7. 7/16
9/16	.5625	2	4. 1/2	8. 3/8
37/64	.5781	2	4. 1/2	8. 3/8
19/32	.5938	2	4. 3/4	8. 5/8
39/64	.6094	2	4. 3/4	8. 5/8
5/8	.6250	2	4. 3/4	8. 5/8
41/64	.6406	2	4. 7/8	8. 3/4
21/32	.6562	2	4. 7/8	8. 3/4
43/64	.6719	2	5. 1/8	9.
11/16	.6875	2	5. 1/8	9.
45/64	.7031	2	5. 1/8	9.
23/32	.7188	2	5. 1/4	9. 1/8
47/64	.7344	2	5. 1/4	9. 1/8
3/4	.7500	2	5. 1/2	9. 3/8
49/64	.7656	2	5. 1/2	9. 3/8
25/32	.7812	2	5. 1/2	9. 3/8
51/64	.7969	2	5. 3/4	9. 5/8
13/16	.8125	2	5. 3/4	9. 5/8
53/64	.8281	2	5. 3/4	9. 5/8

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
27/32	.8438	2	5. 7/8	9. 3/4
55/64	.8594	2	5. 7/8	9. 3/4
7/8	.8750	2	5. 7/8	9. 3/4
57/64	.8906	2	6. 1/8	10.
29/32	.9062	2	6. 1/8	10.
59/64	.9219	3	6. 1/8	10. 7/8
15/16	.9375	3	6. 1/4	11.
61/64	.9531	3	6. 1/4	11.
31/32	.9688	3	6. 1/4	11.
63/64	.9844	3	6. 1/2	11. 1/4
1.	1.0000	3	6. 1/2	11. 1/4
1. 1/64	1.0156	3	6. 1/2	11. 1/4
1. 1/32	1.0312	3	6. 1/2	11. 1/4
1. 3/64	1.0469	3	6. 5/8	11. 3/8
1. 1/16	1.0625	3	6. 5/8	11. 3/8
1. 5/64	1.0781	3	6. 5/8	11. 3/8
1. 3/32	1.0938	3	6. 5/8	11. 3/8
1. 7/64	1.1094	3	6. 7/8	11. 5/8
1. 1/8	1.1250	3	6. 7/8	11. 5/8
1. 9/64	1.1406	3	6. 7/8	11. 5/8
1. 5/32	1.1562	3	6. 7/8	11. 5/8
1.11/64	1.1719	3	6. 7/8	11. 5/8
1. 3/16	1.1875	3	7. 1/8	11. 7/8
1.13/64	1.2031	3	7. 1/8	11. 7/8
1. 7/32	1.2188	3	7. 1/8	11. 7/8
1.15/64	1.2344	3	7. 1/8	11. 7/8
1. 1/4	1.2500	3	7. 1/4	12.
1.17/64	1.2656	4	7. 1/4	13. 1/8
1. 9/32	1.2812	4	7. 1/4	13. 1/8
1.19/64	1.2969	4	7. 1/4	13. 1/8
1. 5/16	1.3125	4	7. 1/4	13. 1/8
1.21/64	1.3281	4	7. 1/2	13. 3/8
1.11/32	1.3438	4	7. 1/2	13. 3/8
1.23/64	1.3594	4	7. 1/2	13. 3/8
1. 3/8	1.3750	4	7. 1/2	13. 3/8
1.25/64	1.3906	4	7. 1/2	13. 3/8
1.13/32	1.4062	4	7. 5/8	13. 1/2
1.27/64	1.4219	4	7. 5/8	13. 1/2
1. 7/16	1.4375	4	7. 5/8	13. 1/2
1.29/64	1.4531	4	7. 5/8	13. 1/2
1.15/32	1.4688	4	7. 5/8	13. 1/2
1.31/64	1.4844	4	7. 7/8	13. 3/4
1. 1/2	1.5000	4	7. 7/8	13. 3/4
1.33/64	1.5156	4	7. 7/8	13. 3/4
1.17/32	1.5312	4	7. 7/8	13. 3/4
1.35/64	1.5469	4	7. 7/8	13. 3/4
1. 9/16	1.5625	4	7. 7/8	13. 3/4
1.37/64	1.5781	4	8. 1/8	14.
1.19/32	1.5938	4	8. 1/8	14.
1.39/64	1.6094	4	8. 1/8	14.

continued

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 Blue: 7/64", 2.5mm and above
Application: General purpose drills.

ANSI standard also available: Type A360.

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
1. 5/8	1.6250	4	8. 1/8	14.
1.41/64	1.6406	4	8. 1/8	14.
1.21/32	1.6562	4	8. 1/8	14.
1.43/64	1.6719	4	8. 1/8	14.
1.11/16	1.6875	4	8. 1/4	14. 1/8
1.45/64	1.7031	4	8. 1/4	14. 1/8
1.23/32	1.7188	4	8. 1/4	14. 1/8
1.47/64	1.7344	4	8. 1/4	14. 1/8
1. 3/4	1.7500	4	8. 1/4	14. 1/8
1.49/64	1.7656	4	8. 1/4	14. 1/8
1.25/32	1.7812	4	8. 1/2	14. 3/8
1.51/64	1.7969	4	8. 1/2	14. 3/8
1.13/16	1.8125	4	8. 1/2	14. 3/8
1.53/64	1.8281	4	8. 1/2	14. 3/8
1.27/32	1.8438	4	8. 1/2	14. 3/8
1.55/64	1.8594	4	8. 1/2	14. 3/8
1. 7/8	1.8750	4	8. 5/8	14. 1/2
1.57/64	1.8906	4	8. 5/8	14. 1/2
1.29/32	1.9062	4	8. 5/8	14. 1/2
1.59/64	1.9219	4	8. 5/8	14. 1/2
1.15/16	1.9375	4	8. 5/8	14. 1/2
1.61/64	1.9531	4	8. 5/8	14. 1/2
1.31/32	1.9688	4	8. 7/8	14. 3/4
1.63/64	1.9844	4	8. 7/8	14. 3/4
2.	2.0000	4	8. 7/8	14. 3/4
2. 1/32	2.0312	5	8. 7/8	16. 1/4
2. 1/16	2.0625	5	8. 7/8	16. 1/4
2. 3/32	2.0938	5	9.	16. 3/8
2. 1/8	2.1250	5	9.	16. 3/8
2. 5/32	2.1562	5	9.	16. 3/8
2. 3/16	2.1875	5	9.	16. 3/8
2. 7/32	2.2188	5	9. 1/4	16. 5/8
2. 1/4	2.2500	5	9. 1/4	16. 5/8
2. 9/32	2.2812	5	9. 1/4	16. 5/8
2. 5/16	2.3125	5	9. 1/4	16. 5/8
2.11/32	2.3438	5	9. 1/4	16. 5/8
2. 3/8	2.3750	5	9. 1/2	16. 7/8
2.13/32	2.4062	5	9. 1/2	16. 7/8
2. 7/16	2.4375	5	9. 1/2	16. 7/8
2.15/32	2.4688	5	9. 1/2	16. 7/8
2. 1/2	2.5000	5	9. 5/8	17.
2.17/32	2.5312	5	9. 5/8	17.
2. 9/16	2.5625	5	9. 5/8	17.
2.19/32	2.5938	5	9. 5/8	17.
2. 5/8	2.6250	5	9. 5/8	17.
2.21/32	2.6562	5	9. 7/8	17. 1/4
2.11/16	2.6875	5	9. 7/8	17. 1/4
2.23/32	2.7188	5	9. 7/8	17. 1/4
2. 3/4	2.7500	5	9. 7/8	17. 1/4
2.25/32	2.7812	5	9. 7/8	17. 1/4

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
2.13/16	2.8125	5	10.	17. 3/8
2.27/32	2.8438	5	10.	17. 3/8
2. 7/8	2.8750	5	10.	17. 3/8
2.29/32	2.9062	5	10.	17. 3/8
2.15/16	2.9375	5	10.	17. 3/8
2.31/32	2.9688	5	10. 1/4	17. 5/8
3.	3.0000	5	10. 1/4	17. 5/8
3. 1/2	3.5000	6	10. 5/8	20. 5/8
4.	4.0000	6	11. 1/4	21. 1/4
2.00	.0787	1	24	105
2.25	.0886	1	27	108
2.50	.0984	1	30	111
2.75	.1083	1	33	114
3.00	.1181	1	33	114
3.10	.1220	1	36	117
3.20	.1260	1	36	117
3.25	.1280	1	36	117
3.30	.1299	1	36	117
3.40	.1339	1	39	120
3.50	.1378	1	39	120
3.60	.1417	1	39	120
3.70	.1457	1	39	120
3.75	.1476	1	39	120
3.80	.1496	1	43	123
3.90	.1535	1	43	123
4.00	.1575	1	43	123
4.10	.1614	1	43	123
4.20	.1654	1	43	123
4.25	.1673	1	43	123
4.30	.1693	1	47	128
4.40	.1732	1	47	128
4.50	.1772	1	47	128
4.60	.1811	1	47	128
4.70	.1850	1	47	128
4.75	.1870	1	47	128
4.80	.1890	1	52	133
4.90	.1929	1	52	133
5.00	.1969	1	52	133
5.10	.2008	1	52	133
5.20	.2047	1	52	133
5.25	.2067	1	52	133
5.30	.2087	1	52	133
5.40	.2126	1	57	138
5.50	.2165	1	57	138
5.60	.2205	1	57	138
5.70	.2244	1	57	138
5.75	.2264	1	57	138
5.80	.2283	1	57	138
5.90	.2323	1	57	138

continued

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Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
6.00	.2362	1	57	138
6.10	.2402	1	63	144
6.20	.2441	1	63	144
6.25	.2461	1	63	144
6.30	.2480	1	63	144
6.40	.2520	1	63	144
6.50	.2559	1	63	144
6.60	.2598	1	63	144
6.70	.2638	1	63	144
6.75	.2657	1	69	150
6.80	.2677	1	69	150
6.90	.2717	1	69	150
7.00	.2756	1	69	150
7.10	.2795	1	69	150
7.20	.2835	1	69	150
7.25	.2854	1	69	150
7.30	.2874	1	69	150
7.40	.2913	1	69	150
7.50	.2953	1	69	150
7.60	.2992	1	75	156
7.70	.3031	1	75	156
7.75	.3051	1	75	156
7.80	.3071	1	75	156
7.90	.3110	1	75	156
8.00	.3150	1	75	156
8.10	.3189	1	75	156
8.20	.3228	1	75	156
8.25	.3248	1	75	156
8.30	.3268	1	75	156
8.40	.3307	1	75	156
8.50	.3346	1	75	156
8.60	.3386	1	81	162
8.70	.3425	1	81	162
8.75	.3445	1	81	162
8.80	.3465	1	81	162
8.90	.3504	1	81	162
9.00	.3543	1	81	162
9.10	.3583	1	81	162
9.20	.3622	1	81	162
9.25	.3642	1	81	162
9.30	.3661	1	81	162
9.40	.3701	1	81	162
9.50	.3740	1	81	162
9.60	.3780	1	87	168
9.70	.3819	1	87	168
9.75	.3839	1	87	168
9.80	.3858	1	87	168
9.90	.3898	1	87	168
10.00	.3937	1	87	168
10.10	.3976	1	87	168

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
10.20	.4016	1	87	168
10.25	.4035	1	87	168
10.30	.4055	1	87	168
10.40	.4094	1	87	168
10.50	.4134	1	87	168
10.60	.4173	1	87	168
10.70	.4213	1	94	175
10.75	.4232	1	94	175
10.80	.4252	1	94	175
10.90	.4291	1	94	175
11.00	.4331	1	94	175
11.10	.4370	1	94	175
11.20	.4409	1	94	175
11.25	.4429	1	94	175
11.30	.4449	1	94	175
11.40	.4488	1	94	175
11.50	.4528	1	94	175
11.60	.4567	1	94	175
11.70	.4606	1	94	175
11.75	.4626	1	94	175
11.80	.4646	1	94	175
11.90	.4685	1	101	182
12.00	.4724	1	101	182
12.10	.4764	1	101	182
12.20	.4803	1	101	182
12.25	.4823	1	101	182
12.30	.4843	1	101	182
12.40	.4882	1	101	182
12.50	.4921	1	101	182
12.60	.4961	1	101	182
12.70	.5000	1	101	182
12.75	.5020	1	101	182
12.80	.5039	1	101	182
12.90	.5079	1	101	182
13.00	.5118	1	101	182
13.10	.5157	1	101	182
13.20	.5197	1	101	182
13.25	.5217	1	108	189
13.30	.5236	1	108	189
13.40	.5276	1	108	189
13.50	.5315	1	108	189
13.60	.5354	1	108	189
13.70	.5394	1	108	189
13.75	.5413	1	108	189
13.80	.5433	1	108	189
13.90	.5472	1	108	189
14.00	.5512	1	108	189
14.25	.5610	2	114	212
14.50	.5709	2	114	212
14.75	.5807	2	114	212

continued

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Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
15.00	.5906	2	114	212
15.25	.6004	2	120	218
15.50	.6102	2	120	218
15.75	.6201	2	120	218
16.00	.6299	2	120	218
16.25	.6398	2	125	223
16.50	.6496	2	125	223
16.75	.6594	2	125	223
17.00	.6693	2	125	223
17.25	.6791	2	130	228
17.50	.6890	2	130	228
17.75	.6988	2	130	228
18.00	.7087	2	130	228
18.25	.7185	2	135	233
18.50	.7283	2	135	233
18.75	.7382	2	135	233
19.00	.7480	2	135	233
19.25	.7579	2	140	238
19.50	.7677	2	140	238
19.75	.7776	2	140	238
20.00	.7874	2	140	238
20.25	.7972	2	145	243
20.40	.8031	2	145	243
20.50	.8071	2	145	243
20.75	.8169	2	145	243
21.00	.8268	2	145	243
21.25	.8366	2	150	248
21.50	.8465	2	150	248
21.75	.8563	2	150	248
22.00	.8661	2	150	248
22.25	.8760	2	150	248
22.50	.8858	2	155	253
22.75	.8957	2	155	253
23.00	.9055	2	155	253
23.25	.9154	3	155	276
23.50	.9252	3	155	276
23.75	.9350	3	160	281
24.00	.9449	3	160	281
24.25	.9547	3	160	281
24.50	.9646	3	160	281
24.75	.9744	3	160	281
25.00	.9843	3	160	281
25.25	.9941	3	165	286
25.50	1.0039	3	165	286
25.75	1.0138	3	165	286
26.00	1.0236	3	165	286
26.25	1.0335	3	165	286
26.50	1.0433	3	165	286
26.75	1.0531	3	170	291
27.00	1.0630	3	170	291

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
27.25	1.0728	3	170	291
27.50	1.0827	3	170	291
27.75	1.0925	3	170	291
28.00	1.1024	3	170	291
28.25	1.1122	3	175	296
28.50	1.1220	3	175	296
28.75	1.1319	3	175	296
29.00	1.1417	3	175	296
29.25	1.1516	3	175	296
29.50	1.1614	3	175	296
29.75	1.1713	3	175	296
30.00	1.1811	3	175	296
30.25	1.1909	3	180	301
30.50	1.2008	3	180	301
30.75	1.2106	3	180	301
31.00	1.2205	3	180	301
31.25	1.2303	3	180	301
31.50	1.2402	3	180	301
31.75	1.2500	3	185	306
32.00	1.2598	4	185	334
32.50	1.2795	4	185	334
33.00	1.2992	4	185	334
33.50	1.3189	4	185	334
34.00	1.3386	4	190	339
34.50	1.3583	4	190	339
35.00	1.3780	4	190	339
35.50	1.3976	4	190	339
36.00	1.4173	4	195	344
36.50	1.4370	4	195	344
37.00	1.4567	4	195	344
37.50	1.4764	4	195	344
38.00	1.4961	4	200	349
38.50	1.5157	4	200	349
39.00	1.5354	4	200	349
39.50	1.5551	4	200	349
40.00	1.5748	4	200	349
40.50	1.5945	4	205	354
41.00	1.6142	4	205	354
41.50	1.6339	4	205	354
42.00	1.6535	4	205	354
42.50	1.6732	4	205	354
43.00	1.6929	4	210	359
43.50	1.7126	4	210	359
44.00	1.7323	4	210	359
44.50	1.7520	4	210	359
45.00	1.7717	4	210	359
45.50	1.7913	4	215	364
46.00	1.8110	4	215	364
46.50	1.8307	4	215	364
47.00	1.8504	4	215	364

continued

HSS Morse Taper Shank Drills

SKF & Dormer Tools

ISO / BS 328 / DIN 345 RN



Type No. A130 continuation

Flute Type: Standard Helix
Point Angle: 118°
Surface Treatment: 9/16", 14.25mm to 3", 76mm Notch Thinned
 Bright: below 7/64", 2.5mm
 Blue: 7/64", 2.5mm and above
Application: General purpose drills.

ANSI standard also available: Type A360.

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
47.50	1.8701	4	215	364
48.00	1.8898	4	220	369
48.50	1.9094	4	220	369
49.00	1.9291	4	220	369
49.50	1.9488	4	220	369
50.00	1.9685	4	220	369
50.50	1.9882	4	225	374
51.00	2.0079	5	225	412
52.00	2.0472	5	225	412
53.00	2.0866	5	225	412
54.00	2.1260	5	230	417
55.00	2.1654	5	230	417
56.00	2.2047	5	230	417
57.00	2.2441	5	235	422
58.00	2.2835	5	235	422
59.00	2.3228	5	235	422
60.00	2.3622	5	235	422
61.00	2.4016	5	240	427
62.00	2.4409	5	240	427
63.00	2.4803	5	240	427
64.00	2.5197	5	245	432
65.00	2.5591	5	245	432
66.00	2.5984	5	245	432

Diameter	Decimal Equiv. Inches	Morse Taper Shank No.	Flute Length	Overall Length
67.00	2.6378	5	245	432
68.00	2.6772	5	250	437
69.00	2.7165	5	250	437
70.00	2.7559	5	250	437
71.00	2.7953	5	250	437
72.00	2.8346	5	255	442
73.00	2.8740	5	255	442
74.00	2.9134	5	255	442
75.00	2.9528	5	255	442
76.00	2.9921	5	260	447
77.00	3.0315	6	260	514
78.00	3.0709	6	260	514
79.00	3.1102	6	260	514
80.00	3.1496	6	260	514
81.00	3.1890	6	265	519
82.00	3.2283	6	265	519
83.00	3.2677	6	265	519
84.00	3.3071	6	265	519
85.00	3.3465	6	265	519
90.00	3.5433	6	270	524
95.00	3.7402	6	275	529
100.00	3.9370	6	280	534