

ดอกสว่านเจาะเหล็กก้านกลมและเทเปอร์

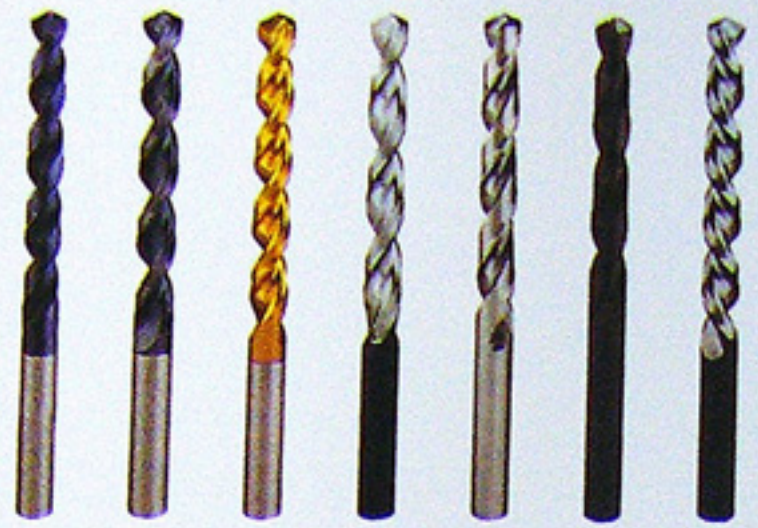
## STRAIGHT SHANK AND MORSE TAPER SHANK DRILLS



ดอกสว่านเจาะเหล็กก้านกลม

และเทเปอร์

# STRAIGHT SHANK AND MORSE TAPER SHANK DRILLS.

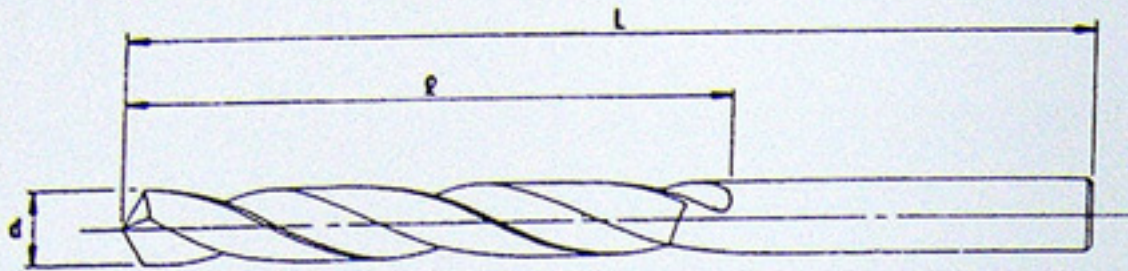


HSS / CBD

ISO 235

DIN 345

BS 328



d	Order No.	l	L
1.05	1010105	12	34
1.1	1010110	14	36
1.15	1010115	14	36
1.2	1010120	16	38
1.25	1010125	16	38
1.3	1010130	16	38
1.35	1010135	18	40
1.4	1010140	18	40
1.45	1010145	18	40
1.5	1010150	18	40
1.55	1010155	20	43
1.6	1010160	20	43
1.65	1010165	20	43
1.7	1010170	20	43
1.75	1010175	22	46
1.8	1010180	22	46
1.85	1010185	22	46
1.9	1010190	22	46
1.95	1010195	24	49
2	1010200	24	49

d	Order No.	l	L
2.05	1010205	24	49
2.1	1010210	24	49
2.15	1010215	27	53
2.2	1010220	27	53
2.25	1010225	27	53
2.3	1010230	27	53
2.35	1010235	27	53
2.4	1010240	30	57
2.45	1010245	30	57
2.5	1010250	30	57
2.55	1010255	30	57
2.6	1010260	30	57
2.65	1010265	30	57
2.7	1010270	33	61
2.75	1010275	33	61
2.8	1010280	33	61
2.85	1010285	33	61
2.9	1012090	33	61
2.95	1010295	33	61
3	1010300	33	61

# ดอกสว่าน HSS

## STRAIGHT DRILLS HSS.



M42-8% Co. Stub Drills.

d	Order No.	ℓ	L
3.1	1010310	36	65
3.2	1010320	36	65
3.25	1010325	36	65
3.3	1010330	36	65
3.4	1010340	39	70
3.5	1010350	39	70
3.6	1010360	39	70
3.7	1010370	39	70
3.75	1010375	39	70
3.8	1010380	43	75
3.9	1010390	43	75
4	1010400	43	75
4.1	1010410	43	75
4.2	1010420	43	75
4.25	1010425	43	75
4.3	1010430	47	80
4.4	1010440	47	80
4.5	1010450	47	80
4.6	1010460	47	80
4.7	1010470	47	80
4.75	1010475	47	80
4.8	1010480	52	86
4.9	1010490	52	86
5	1010500	52	86
5.1	1010510	52	86
5.2	1010520	52	86
5.25	1010525	52	86
5.3	1010530	52	86
5.4	1010540	57	93
5.5	1010550	57	93
5.6	1010560	57	93
5.7	1010570	57	93
5.75	1010575	57	93
5.8	1010580	57	93
5.9	1010590	57	93
6	1010600	57	93
6.1	1010610	63	101
6.2	1010620	63	101
6.25	1010625	63	101
6.3	1010630	63	101
6.4	1010640	63	101
6.5	1010650	63	101
6.6	1010660	63	101
6.7	1010670	63	101
6.75	1010675	69	109
6.8	1010680	69	109
6.9	1010690	69	109
7	1010700	69	109



M42-8% Co. Tin Coated.

d	Order No.	ℓ	L
7.1	1010710	69	109
7.2	1010720	69	109
7.25	1010725	69	109
7.3	1010730	69	109
7.4	1010740	69	109
7.5	1010750	69	109
7.6	1010760	75	117
7.7	1010770	75	117
7.75	1010775	75	117
7.8	1010780	75	117
7.9	1010790	75	117
8	1010800	75	117
8.1	1010810	75	117
8.2	1010820	75	117
8.25	1010825	75	117
8.3	1010830	75	117
8.4	1010840	75	117
8.5	1010850	75	117
8.6	1010860	81	125
8.7	1010870	81	125
8.75	1010875	81	125
8.8	1010880	81	125
8.9	1010890	81	125
9	1010900	81	125
9.1	1010910	81	125
9.2	1010920	81	125
9.25	1010925	81	125
9.3	1010930	81	125
9.4	1010940	81	125
9.5	1010950	81	125
9.6	1010960	87	133
9.7	1010970	87	133
9.75	1010975	87	133
9.8	1010980	87	133
9.9	1010990	87	133
10	1011000	87	133
10.1	1011010	87	133
10.2	1011020	87	133
10.25	1011025	87	133
10.3	1011030	87	133
10.4	1011040	87	133
10.5	1011050	87	133
10.6	1011060	87	133
10.7	1011070	94	142
10.75	1011075	94	142
10.8	1011080	94	142
10.9	1011090	94	142
11	1011100	94	142
11.1	1011110	94	142
11.2	1011120	94	142
11.25	1011125	94	142
11.3	1011130	94	142

# ดอกสว่าน HSS

## STRAIGHT DRILLS HSS.



Manufactured to BS 328 / DIN 338 RN.



BS 328 : Part 1 : 1986 / DIN 338 RN.

d	Order No.	ℓ	L
11.4	1011140	94	142
11.5	1011150	94	142
11.6	1011160	94	142
11.7	1011170	94	142
11.75	1011175	94	142
11.8	1011180	94	142
11.9	1011190	101	151
12	1011200	101	151
12.1	1011210	101	151
12.2	1011220	101	151
12.25	1011225	101	151
12.3	1011230	101	151
12.4	1011240	101	151
12.5	1011250	101	151
12.6	1011260	101	151
12.7	1011270	101	151
12.75	1011275	101	151
12.8	1011280	101	151
12.9	1011290	101	151
13	1011300	101	151
13.1	1011310	101	151
13.2	1011320	101	151
13.25	1011325	108	160
13.3	1011330	108	160

d	Order No.	ℓ	L
13.4	1011340	108	160
13.5	1011350	108	160
13.6	1011360	108	160
13.7	1011370	108	160
13.75	1011375	108	160
13.8	1011380	108	160
13.9	1011390	108	160
14	1011400	108	160
14.25	1011425	114	169
14.5	1011450	114	169
14.75	1011475	114	169
15	1011500	114	169
15.25	1011525	120	178
15.5	1011550	120	178
15.75	1011575	120	178
16	1011600	120	178
16.5	1011650	125	184
17	1011700	125	184
17.5	1011750	130	191
18	1011800	130	191
18.5	1011850	135	198
19	1011900	135	198
19.5	1011950	140	205
20	1012000	140	205

# ดอกสว่านก้านเรียวมาตรฐาน

## TAPER SHANK DRILL STANDARD.

### HSS TAPER DRILLS



Manufactured to BS 328 / DIN 338 RN.

STANDARD

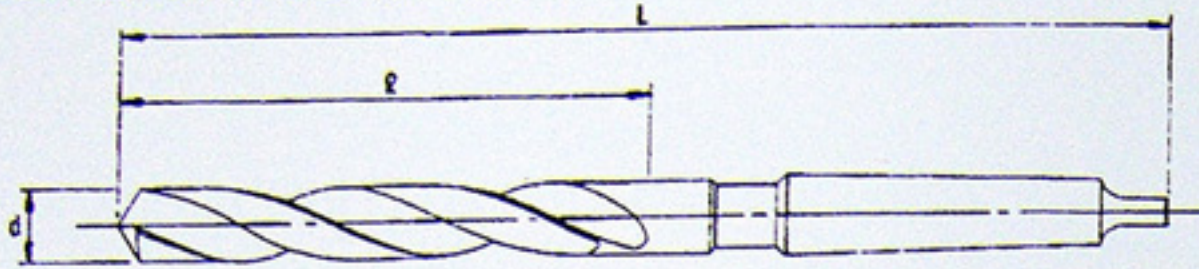
ISO 235

ISO 2540

BS 328

DIN 345

SPECIFICATION รายละเอียด / UNIT : MM.



Dia (mm.)	Flute Length	Overall Length	Morse Taper	Weight per 1
6.00	57	118	1	9
6.50	63	144	1	9
6.80	69	150	1	9
7.00	69	150	1	9
7.50	69	150	1	9
8.00	75	156	1	9
8.20	75	156	1	9
8.50	75	156	1	9
9.00	81	162	1	9
9.50	81	162	1	9
10.00	87	168	1	9
10.20	87	168	1	9
10.40	87	168	1	9
10.50	87	168	1	9
11.00	94	175	1	9
11.50	94	175	1	9
12.00	101	182	1	9
12.50	101	182	1	9
13.00	101	182	1	9
13.50	108	189	1	9
14.00	108	189	1	9
14.50	114	212	2	9
15.00	114	212	2	9
15.50	120	218	2	9
16.00	120	218	2	9
16.50	125	223	2	9
17.00	125	223	2	9
17.50	130	228	2	9
18.00	130	228	2	9
18.50	135	233	2	9
19.00	135	233	2	9
19.50	140	238	2	9
20.00	140	238	2	9

Dia (mm.)	Flute Length	Overall Length	Morse Taper	Weight per 1
20.50	145	243	2	9
21.00	145	243	2	9
21.50	150	248	2	9
22.00	150	248	2	9
22.50	150	248	2	9
23.00	150	248	2	9
23.50	150	248	3	9
24.00	160	281	3	9
24.50	160	281	3	9
25.00	160	281	3	9
25.00	165	286	3	9
26.00	162	286	3	9
26.50	165	286	3	9
27.00	170	291	3	9
27.50	170	291	3	9
28.00	170	291	3	9
28.50	175	296	3	9
29.00	175	296	3	9
29.50	175	296	3	9
30.00	175	296	3	9
31.00	180	301	3	9
32.00	185	334	4	9
33.00	185	334	4	9
34.00	190	339	4	9
35.00	190	339	4	9
36.00	195	344	4	9
37.00	195	344	4	9
38.00	200	349	4	9
39.00	200	349	4	9
40.00	200	349	4	9
41.00	205	345	4	9
42.00	205	345	4	9
45.00	210	359	4	9
50.00	220	369	4	9