



# DRILLS

- JOBBER
- PANEL
- CENTRE
- REDUCED SHANK
- LONG SERIES
- TAPER SHANK
- STEP
- MASONRY



## METRIC JOBBER DRILLS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Bright	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk	Bulk

D mm	L2 mm	L1 mm	PACK qty	PART number	PART number	PART number
0.35	4	19	10	1010035	-	-
0.40	5	20	10	1010040	-	1010040SPT
0.45	5	20	10	1010045	-	-
0.50	6	22	10	1010050	-	1010050SPT
0.55	7	24	10	1010055	-	-
0.60	7	24	10	1010060	-	1010060SPT
0.65	8	26	10	1010065	-	-
0.70	9	28	10	1010070	-	1010070SPT
0.75	9	28	10	1010075	-	-
0.80	10	30	10	1010080	-	1010080SPT
0.85	10	30	10	1010085	-	-
0.90	11	32	10	1010090	-	1010090SPT
0.95	11	32	10	1010095	-	-
1.00	12	34	10	1010100	1010100BRT	1010100SPT
1.05	12	34	10	1010105	-	-
1.10	14	36	10	1010110	-	1010110SPT
1.15	14	36	10	1010115	-	-
1.20	16	38	10	1010120	-	1010120SPT
1.25	16	38	10	1010125	-	-
1.30	16	38	10	1010130	-	1010130SPT
1.35	18	40	10	1010135	-	-
1.40	18	40	10	1010140	-	1010140SPT
1.45	18	40	10	1010145	-	-
1.50	18	40	10	1010150	1010150BRT	1010150SPT
1.55	20	43	10	1010155	-	-
1.60	20	43	10	1010160	-	1010160SPT
1.65	20	43	10	1010165	-	-
1.70	20	43	10	1010170	-	1010170SPT
1.75	22	46	10	1010175	-	-
1.80	22	46	10	1010180	-	1010180SPT
1.85	22	46	10	1010185	-	-



## METRIC JOBBER DRILLS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Bright	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk	Bulk

D mm	L2 mm	L1 mm	PACK qty	PART number	PART number	PART number
1.90	22	46	10	1010190	-	1010190SPT
1.95	24	49	10	1010195	-	-
2.00	24	49	10	1010200	1010200BRT	1010200SPT
2.05	24	49	10	1010205	-	-
2.10	24	49	10	1010210	-	1010210SPT
2.15	27	53	10	1010215	-	-
2.20	27	53	10	1010220	-	1010220SPT
2.25	27	53	10	1010225	-	-
2.30	27	53	10	1010230	-	1010230SPT
2.35	27	53	10	1010235	-	-
2.40	30	57	10	1010240	-	1010240SPT
2.45	30	57	10	1010245	-	-
2.50	30	57	10	1010250	1010250BRT	1010250SPT
2.55	30	57	10	1010255	-	-
2.60	30	57	10	1010260	-	1010260SPT
2.65	30	57	10	1010265	-	-
2.70	33	61	10	1010270	-	1010270SPT
2.75	33	61	10	1010275	-	-
2.80	33	61	10	1010280	-	1010280SPT
2.85	33	61	10	1010285	-	-
2.90	33	61	10	1010290	-	1010290SPT
2.95	33	61	10	1010295	-	-
3.00	33	61	10	1010300	1010300BRT	1010300SPT
3.10	36	65	10	1010310	-	1010310SPT
3.20	36	65	10	1010320	-	1010320SPT
3.30	36	65	10	1010330	-	1010330SPT
3.40	39	70	10	1010340	-	1010340SPT
3.50	39	70	10	1010350	1010350BRT	1010350SPT
3.60	39	70	10	1010360	-	1010360SPT
3.70	39	70	10	1010370	-	1010370SPT
3.80	43	75	10	1010380	-	1010380SPT



## METRIC JOBBER DRILLS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Bright	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk	Bulk

D mm	L2 mm	L1 mm	PACK qty	PART number	PART number	PART number
3.90	43	75	10	1010390	-	1010390SPT
4.00	43	75	10	1010400	1010400BRT	1010400SPT
4.10	43	75	10	1010410	-	1010410SPT
4.20	43	75	10	1010420	-	1010420SPT
4.30	47	80	10	1010430	-	1010430SPT
4.40	47	80	10	1010440	-	1010440SPT
4.50	47	80	10	1010450	1010450BRT	1010450SPT
4.60	47	80	10	1010460	-	1010460SPT
4.70	47	80	10	1010470	-	1010470SPT
4.80	52	86	10	1010480	-	1010480SPT
4.90	52	86	10	1010490	-	1010490SPT
5.00	52	86	10	1010500	1010500BRT	1010500SPT
5.10	52	86	10	1010510	-	1010510SPT
5.20	52	86	10	1010520	-	1010520SPT
5.30	52	86	10	1010530	-	1010530SPT
5.40	57	93	10	1010540	-	1010540SPT
5.50	57	93	10	1010550	1010550BRT	1010550SPT
5.60	57	93	10	1010560	-	1010560SPT
5.70	57	93	10	1010570	-	1010570SPT
5.80	57	93	10	1010580	-	1010580SPT
5.90	57	93 3.12	10	1010590	-	1010590SPT
6.00	57	93	10	1010600	1010600BRT	1010600SPT
6.10	63	101	10	1010610	-	1010610SPT
6.20	63	101	10	1010620	-	1010620SPT
6.30	63	101	10	1010630	-	1010630SPT
6.40	63	101	10	1010640	-	1010640SPT
6.50	63	101	10	1010650	1010650BRT	1010650SPT
6.60	63	101	10	1010660	-	1010660SPT
6.70	63	101	10	1010670	-	1010670SPT
6.80	69	109	10	1010680	-	1010680SPT
6.90	69	109	10	1010690	-	1010690SPT



## METRIC JOBBER DRILLS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Bright	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk	Bulk

D mm	L2 mm	L1 mm	PACK qty	PART number	PART number	PART number
7.00	69	109	10	1010700	1010700BRT	1010700SPT
7.10	69	109	10	1010710	-	1010710SPT
7.20	69	109	10	1010720	-	1010720SPT
7.30	69	109	10	1010730	-	1010730SPT
7.40	69	109	10	1010740	-	1010740SPT
7.50	69	109	10	1010750	1010750BRT	1010750SPT
7.60	75	117	5	1010760	-	1010760SPT
7.70	75	117	5	1010770	-	1010770SPT
7.80	75	117	5	1010780	-	1010780SPT
7.90	75	117	5	1010790	-	1010790SPT
8.00	75	117	5	1010800	1010800BRT	1010800SPT
8.10	75	117	5	1010810	-	1010810SPT
8.20	75	117	5	1010820	-	1010820SPT
8.30	75	117	5	1010830	-	1010830SPT
8.40	75	117	5	1010840	-	1010840SPT
8.50	75	117	5	1010850	1010850BRT	1010850SPT
8.60	81	125	5	1010860	-	1010860SPT
8.70	81	125	5	1010870	-	1010870SPT
8.80	81	125	5	1010880	-	1010880SPT
8.90	81	125	5	1010890	-	1010890SPT
9.00	81	125	5	1010900	1010900BRT	1010900SPT
9.10	81	125	5	1010910	-	1010910SPT
9.20	81	125	5	1010920	-	1010920SPT
9.30	81	125	5	1010930	-	1010930SPT
9.40	81	125	5	1010940	-	1010940SPT
9.50	81	125	5	1010950	1010950BRT	1010950SPT
9.60	81	125	5	1010960	-	1010960SPT
9.70	87	133	5	1010970	-	1010970SPT
9.80	87	133	5	1010980	-	1010980SPT
9.90	87	133	5	1010990	-	1010990SPT
10.00	87	133	5	1011000	1011000BRT	1011000SPT



## METRIC JOBBER DRILLS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Bright	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk	Bulk

D mm	L2 mm	L1 mm	PACK qty	PART number	PART number	PART number
10.10	87	133	5	1011010	-	1011010SPT
10.20	87	133	5	1011020	-	1011020SPT
10.30	87	133	5	1011030	-	1011030SPT
10.40	87	133	5	1011040	-	1011040SPT
10.50	87	133	5	1011050	1011050BRT	1011050SPT
10.60	87	133	5	1011060	-	1011060SPT
10.70	94	142	5	1011070	-	1011070SPT
10.80	94	142	5	1011080	-	1011080SPT
10.90	94	142	5	1011090	-	1011090SPT
11.00	94	142	5	1011100	1011100BRT	1011100SPT
11.10	94	142	5	1011110	-	1011110SPT
11.20	94	142	5	1011120	-	1011120SPT
11.30	94	142	5	1011130	-	1011130SPT
11.40	94	142	5	1011140	-	1011140SPT
11.50	94	142	5	1011150	1011150BRT	1011150SPT
11.60	94	142	5	1011160	-	1011160SPT
11.70	94	142	5	1011170	-	1011170SPT
11.80	94	142	5	1011180	-	1011180SPT
11.90	101	151	5	1011190	-	1011190SPT
12.00	101	151	5	1011200	1011200BRT	1011200SPT
12.10	101	151	5	1011210	-	1011210SPT
12.20	101	151	5	1011220	-	1011220SPT
12.30	101	151	5	1011230	-	1011230SPT
12.40	101	151	5	1011240	-	1011240SPT
12.50	101	151	5	1011250	1011250BRT	1011250SPT
12.60	101	151	5	1011260	-	1011260SPT
12.70	101	151	5	1011270	-	1011270SPT
12.80	101	151	5	1011280	-	1011280SPT
12.90	101	151	5	1011290	-	1011290SPT
13.00	101	151	5	1011300	1011300BRT	1011300SPT



## IMPERIAL JOBBER DRILLS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Bright	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk	Bulk

DI inch	L2 inch	L1 inch	PACK qty	PART number	PART number	PART number
1/64	3/16	3/4	10	1020040	-	-
1/32	1/2	1 3/8	10	1020079	-	-
3/64	3/4	1 3/4	10	1020199	-	-
1/16	7/8	1 7/8	10	1020159	1020159BRT	1020159SPT
5/64	1	2	10	1020198	1020198BRT	1020198SPT
3/32	1 1/4	2 1/4	10	1020238	1020238BRT	1020238SPT
7/64	1 1/2	2 5/8	10	1020278	1020278BRT	1020278SPT
1/8	1 5/8	2 3/4	10	1020318	1020318BRT	1020318SPT
9/64	1 3/4	2 7/8	10	1020357	1020357BRT	1020357SPT
5/32	2	3 1/8	10	1020397	1020397BRT	1020397SPT
11/64	2 1/8	3 1/4	10	1020437	1020437BRT	1020437SPT
3/16	2 5/16	3 1/2	10	1020476	1020476BRT	1020476SPT
13/64	2 7/16	3 5/8	10	1020516	1020516BRT	1020516SPT
7/32	2 1/2	3 3/4	10	1020556	1020556BRT	1020556SPT
15/64	2 5/8	3 7/8	10	1020595	1020595BRT	1020595SPT
1/4	2 3/4	4	10	1020635	1020635BRT	1020635SPT
17/64	2 7/8	4 1/8	10	1020675	1020675BRT	1020675SPT
9/32	2 15/16	4 1/4	10	1020714	1020714BRT	1020714SPT
19/64	3 1/16	4 3/8	10	1020754	1020754BRT	1020754SPT
5/16	3 3/16	4 1/2	5	1020794	1020794BRT	1020794SPT
21/64	3 5/16	4 5/8	5	1020833	1020833BRT	1020833SPT
11/32	3 7/16	4 3/4	5	1020873	1020873BRT	1020873SPT
23/64	3 1/2	4 7/8	5	1020913	1020913BRT	1020913SPT
3/8	3 5/8	5	5	1020953	1020953BRT	1020953SPT
25/64	3 3/4	5 1/8	5	1020992	1020992BRT	1020992SPT
13/32	3 7/8	5 1/4	5	1021032	1021032BRT	1021032SPT
27/64	3 15/16	5 3/8	5	1021072	1021072BRT	1021072SPT
7/16	4 1/16	5 1/2	5	1021111	1021111BRT	1021111SPT
29/64	4 3/16	5 5/8	5	1021151	1021151BRT	1021151SPT
15/32	4 5/16	5 3/4	5	1021191	1021191BRT	1021191SPT
31/64	4 3/8	5 7/8	5	1021230	1021230BRT	1021230SPT
1/2	4 1/2	6	5	1021270	1021270BRT	1021270SPT



## METRIC JOBBER DRILL SINGLE PKS

DESCRIPTION	JOB	JOB	JOB
Surface Finish	Blue	Cobalt	Ti Nite
Material	HSS	HSS	HSS
Point Type	135°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Single	Single	Single

D mm	L2 mm	L1 mm	PART number	PART number	PART number
1.00	12	34	1010100S	-	1010100SPTSP
1.50	18	40	1010150S	1120150	1010150SPTSP
2.00	24	49	1010200S	1120200	1010200SPTSP
2.50	30	57	1010250S	1120250	1010250SPTSP
3.00	33	61	1010300S	1120300	1010300SPTSP
3.50	39	70	1010350S	1120350	1010350SPTSP
4.00	43	75	1010400S	1120400	1010400SPTSP
4.50	47	80	1010450S	1120450	1010450SPTSP
5.00	52	86	1010500S	1120500	1010500SPTSP
5.50	57	93	1010550S	1120550	1010550SPTSP
6.00	57	93	1010600S	1120600	1010600SPTSP
6.50	63	101	1010650S	1120650	1010650SPTSP
7.00	69	109	1010700S	1120700	1010700SPTSP
7.50	69	109	1010750S	1120750	1010750SPTSP
8.00	75	117	1010800S	1120800	1010800SPTSP
8.50	75	117	1010850S	1120850	1010850SPTSP
9.00	81	125	1010900S	1120900	1010900SPTSP
9.50	81	125	1010950S	1120950	1010950SPTSP
10.00	87	133	1011000S	1121000	1011000SPTSP
10.50	87	133	1011050S	1121050	1011050SPTSP
11.00	94	142	1011100S	1121100	1011100SPTSP
11.50	94	142	1011150S	1121150	1011150SPTSP
12.00	101	151	1011200S	1121200	1011200SPTSP
12.50	101	151	1011250S	1121250	1011250SPTSP
13.00	101	151	1011300S	1121300	1011300SPTSP





## IMPERIAL JOBBER DRILL SINGLE PKGS

DESCRIPTION	JOBBER	JOBBER	JOBBER
Surface Finish	Blue	Cobalt	Ti Nite
Material	HSS	HSS	HSS
Point Type	118°	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Single	Single	Single

D inch	L2 inch	L1 inch	PACK qty	PART number	PART number	PART number
1/16	7/8	1 7/8	1	1020159S	1120159	1020159SPTSP
5/64	1	2	1	1020198S	1120198	1020198SPTSP
3/32	1 1/4	2 1/4	1	1020238S	1120238	1020238SPTSP
7/64	1 1/2	2 5/8	1	1020278S	1120278	1020278SPTSP
1/8	1 5/8	2 3/4	1	1020318S	1120318	1020318SPTSP
9/64	1 3/4	2 7/8	1	1020357S	1120357	1020357SPTSP
5/32	2	3 1/8	1	1020397S	1120397	1020397SPTSP
11/64	2 1/8	3 1/4	1	1020437S	1120437	1020437SPTSP
3/16	2 5/16	3 1/2	1	1020476S	1120476	1020476SPTSP
13/64	2 7/16	3 5/8	1	1020516S	1120516	1020516SPTSP
7/32	2 1/2	3 3/4	1	1020556S	1120556	1020556SPTSP
15/64	2 5/8	3 7/8	1	1020595S	1120595	1020595SPTSP
1/4	2 3/4	4	1	1020635S	1120635	1020635SPTSP
17/64	2 7/8	4 1/8	1	1020675S	1120675	1020675SPTSP
9/32	2 15/16	4 1/4	1	1020714S	1120714	1020714SPTSP
19/64	3 1/6	4 3/8	1	1020754S	1120754	1020754SPTSP
5/16	3 3/16	4 1/2	1	1020794S	1120794	1020794SPTSP
21/64	3 5/16	4 5/8	1	1020833S	1120833	1020833SPTSP
11/32	3 7/16	4 3/4	1	1020873S	1120873	1020873SPTSP
23/64	3 1/2	4 7/8	1	1020913S	1120913	1020913SPTSP
3/8	3 5/8	5	1	1020953S	1120953	1020953SPTSP
25/64	3 3/4	5 1/8	1	1020992S	1120992	1020992SPTSP
13/32	3 7/8	5 1/4	1	1021032S	1121032	1021032SPTSP
27/64	3 15/16	5 3/8	1	1021072S	1121072	1021072SPTSP
7/16	4 1/16	5 1/2	1	1021111S	1121111	1021111SPTSP
29/64	4 3/16	5 5/8	1	1021151S	1121151	1021151SPTSP
15/32	4 5/16	5 3/4	1	1021191S	1121191	1021191SPTSP
31/64	4 3/8	5 7/8	1	1021230S	1121230	1021230SPTSP
1/2	4 1/2	6	1	1021270S	1121270	1021270SPTSP



## JOBBER DRILL SETS

SURFACE FINISH		BLUE	BRIGHT
METRIC	PACK pcs	PART number	PART number
1.5-6.5x0.5mm+3.2+4.8	13	1060020	-
1-10 x 0.5mm	19	1060030	1060030BRT
1-13x0.5mm	25	1060040	1060040BRT
IMPERIAL	PACK pcs	PART number	PART number
1/16-1/4x1/64	13	1070010	-
1/16-3/8x1/64	21	1070020	1070020BRT
1/16-1/2x1/64	29	1070030	1070030BRT

SURFACE FINISH		COBALT	TI NITE
METRIC	PACK pcs	PART number	PART number
1-10x0.5mm	19	-	1060030SPT
1.5-10x0.5mm	18	1060030COB	-
1-13x0.5mm	25	-	1060040SPT
1.5-13x0.5mm	24	1060040COB	-
IMPERIAL	PACK pcs	PART number	PART number
1/16-3/8X1/64	21	1070020COB	1070020SPT
1/16-1/2X1/64	29	1070030COB	1070030SPT



## PANEL DRILLS SINGLE ENDED

DESCRIPTION	PANEL & RIVET	PANEL & RIVET
Surface Finish	Bright	Ti Nite
Material	HSS	HSS
Point Type	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk

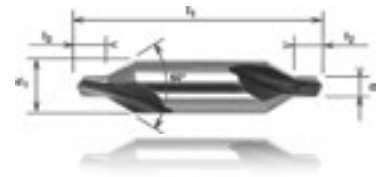
DIA	FL mm	OAL mm	PACK qty	PART number	PART number
#30 SE	12	49	10	1470330	1470330SPT
#20 SE	15	55	10	1470410	1470410SPT
#11 SE	17	62	10	1470490	1470490SPT



## PANEL DRILLS DOUBLE ENDED

DESCRIPTION	PANEL & RIVET	PANEL & RIVET
Surface Finish	Bright	Ti Nite
Material	HSS	HSS
Point Type	135°	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Bulk	Bulk

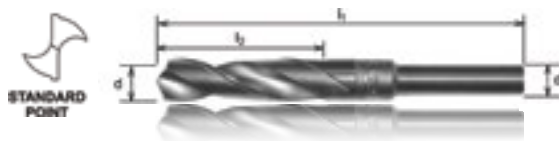
DIA	FL mm	OAL mm	PACK qty	PART number	PART number
#30 DE	10	49	10	1510330	1510330SPT
#20 DE	12	55	10	1510410	1510410SPT
#11 DE	12	55	10	1510490	1510490SPT
1/8 DE	10	49	10	1520318	1520318SPT



## CENTRE DRILLS

DESCRIPTION	CENTRE
Surface Finish	Bright
Material	HSS
Point Type	118° With 60° Countersink
Flute Type	Helix, Right Hand
Packaging	Single Pack

DIA	FL mm	OAL mm	PACK qty	PART number
NO 1	-	32	1	1NA0001
NO 2	-	48	1	1NA0002
NO 3	-	51	1	1NA0003
NO 4	-	54	1	1NA0004
NO 5	-	70	1	1NA0005
NO 6	-	76	1	1NA0006
NO 7	-	83	1	1NA0007



## METRIC REDUCED SHANK DRILLS

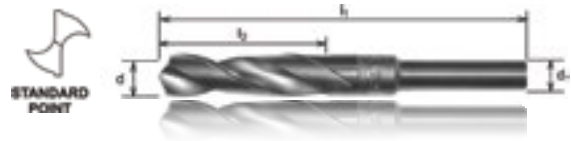
DESCRIPTION	REDUCED SHANK
Surface Finish	Blue
Material	HSS
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA mm	FL inch	OAL inch	SHANK inch	PACK qty	PART number
10.50	3	6	3/8	1	221186 1050
11.00	3	6	3/8	1	221186 1100
11.50	3	6	3/8	1	221186 1150
12.00	3	6	3/8	1	221186 1200
12.50	3	6	3/8	1	221186 1250
13.00	3	6	3/8	1	221186 1300
13.00	3	6	1/2	1	221187 1300
13.50	3	6	1/2	1	221187 1350
14.00	3	6	1/2	1	221187 1400
14.50	3	6	1/2	1	221187 1450
15.00	3	6	1/2	1	221187 1500
15.50	3	6	1/2	1	221187 1550
16.00	3	6	1/2	1	221187 1600
16.50	3	6	1/2	1	221187 1650
17.00	3	6	1/2	1	221187 1700
17.50	3	6	1/2	1	221187 1750
18.00	3	6	1/2	1	221187 1800
18.50	3	6	1/2	1	221187 1850
19.00	3	6	1/2	1	221187 1900
19.50	3	6	1/2	1	221187 1950
20.00	3	6	1/2	1	221187 2000
20.50	3	6	1/2	1	221187 2050
21.00	3	6	1/2	1	221187 2100
21.50	3	6	1/2	1	221187 2150
22.00	3	6	1/2	1	221187 2200
22.50	3	6	1/2	1	221187 2250
23.00	3	6	1/2	1	221187 2300
23.50	3	6	1/2	1	221187 2350
24.00	3	6	1/2	1	221187 2400
24.50	3	6	1/2	1	221187 2450

# DRILLS

## REDUCED SHANK DRILLS

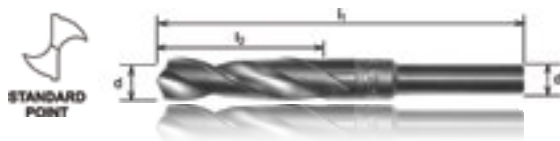
### METRIC



## METRIC REDUCED SHANK DRILLS

DESCRIPTION	REDUCED SHANK
Surface Finish	Blue
Material	HSS
Flute Type	Standard Helix, Right Hand
Packaging	Single

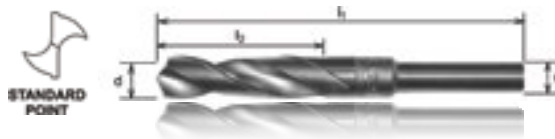
DIA mm	FL inch	OAL inch	SHANK inch	PACK qty	PART number
25.00	3	6	1/2	1	221187 2500
26.00	3	6	1/2	1	221187 2600
28.00	3	6	1/2	1	221187 2800
30.00	3	6	1/2	1	221187 3000



## IMPERIAL REDUCED SHANK DRILLS

DESCRIPTION	REDUCED SHANK
Surface Finish	Blue
Material	HSS
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA inch	FL inch	OAL inch	SHANK inch	PACK qty	PART number
13/32	3	6	3/8	1	221186 1032
27/64	3	6	3/8	1	221186 1072
7/16	3	6	3/8	1	221186 1111
29/64	3	6	3/8	1	221186 1151
15/32	3	6	3/8	1	221186 1191
31/64	3	6	3/8	1	221186 1230
1/2	3	6	3/8	1	221186 1270
9/16	3	6	3/8	1	221186 1429
5/8	3	6	3/8	1	221186 1588
3/4	3	6	3/8	1	221186 1905
17/32	3	6	1/2	1	221187 1349
35/64	3	6	1/2	1	221187 1389
9/16	3	6	1/2	1	221187 1429
37/64	3	6	1/2	1	221187 1468
19/32	3	6	1/2	1	221187 1508
39/64	3	6	1/2	1	221187 1548
5/8	3	6	1/2	1	221187 1588
41/64	3	6	1/2	1	221187 1627
21/32	3	6	1/2	1	221187 1667
43/64	3	6	1/2	1	221187 1707
11/16	3	6	1/2	1	221187 1746
45/64	3	6	1/2	1	221187 1786
23/32	3	6	1/2	1	221187 1825
47/64	3	6	1/2	1	221187 1865
3/4	3	6	1/2	1	221187 1905
49/64	3	6	1/2	1	221187 1945
25/32	3	6	1/2	1	221187 1984
51/64	3	6	1/2	1	221187 2024
13/16	3	6	1/2	1	221187 2064
53/64	3	6	1/2	1	221187 2103

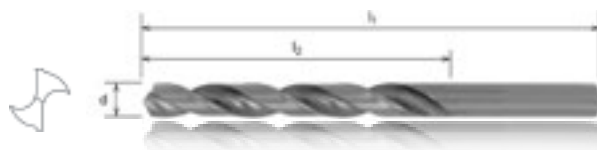


## IMPERIAL REDUCED SHANK DRILLS

DESCRIPTION	REDUCED SHANK
Surface Finish	Blue
Material	HSS
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA mm	FL inch	OAL inch	SHANK inch	PACK qty	PART number
27/32	3	6	1/2	1	221187 2143
55/64	3	6	1/2	1	221187 2183
7/8	3	6	1/2	1	221187 2223
57/64	3	6	1/2	1	221187 2262
29/32	3	6	1/2	1	221187 2302
59/64	3	6	1/2	1	221187 2342
15/16	3	6	1/2	1	221187 2381
61/64	3	6	1/2	1	221187 2421
31/32	3	6	1/2	1	221187 2460
63/64	3	6	1/2	1	221187 2501
1	3	6	1/2	1	221187 2540
1 1/16	3	6	1/2	1	221187 2699
1 1/8	3	6	1/2	1	221187 2858
1 3/16	3	6	1/2	1	221187 3016
1 1/4	3	6	1/2	1	221187 3175

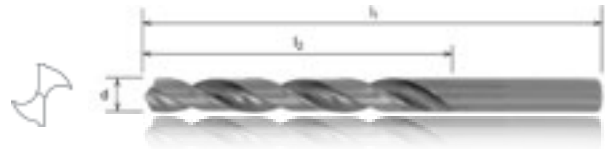




## METRIC LONG SERIES DRILLS

DESCRIPTION	LONG SERIES	LONG SERIES
Surface Finish	Blue	Tinite
Material	HSS	HSS
Point Type	135° Split Point	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Single	Single

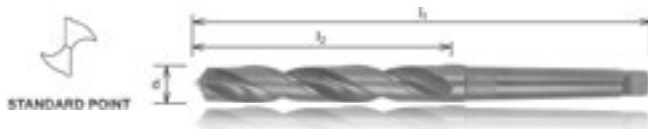
DIA mm	FL mm	OAL mm	PACK qty	PART number	PART number
1.50	45	70	1	1160150	1160150 SPT
2.00	56	85	1	1160200	1160200 SPT
2.50	62	95	1	1160250	1160250 SPT
3.00	63	100	1	1160300	1160300 SPT
3.50	73	110	1	1160350	1160350 SPT
4.00	78	119	1	1160400	1160400 SPT
4.50	82	126	1	1160450	1160450 SPT
5.00	87	132	1	1160500	1160500 SPT
5.50	91	139	1	1160550	1160550 SPT
6.00	91	139	1	1160600	1160600 SPT
6.50	97	148	1	1160650	1160650 SPT
7.00	102	156	1	1160700	1160700 SPT
7.50	102	156	1	1160750	1160750 SPT
8.00	109	165	1	1160800	1160800 SPT
8.50	109	165	1	1160850	1160850 SPT
9.00	115	175	1	1160900	1160900 SPT
9.50	115	175	1	1160950	1160950 SPT
10.00	121	184	1	1161000	1161000 SPT
10.50	121	184	1	1161050	1161050 SPT
11.00	128	195	1	1161100	1161100 SPT
11.50	128	195	1	1161150	1161150 SPT
12.00	134	205	1	1161200	1161200 SPT
12.50	134	205	1	1161250	1161250 SPT
13.00	134	205	1	1161300	1161300 SPT



## IMPERIAL LONG SERIES DRILLS

DESCRIPTION	LONG SERIES	LONG SERIES
Surface Finish	Blue	Tinite
Material	HSS	HSS
Point Type	135° Split Point	135° Split Point
Flute Type	Standard Helix, Right Hand	Standard Helix, Right Hand
Packaging	Single	Single

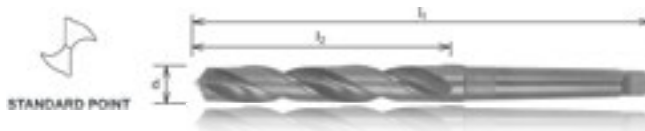
DIA inch	FL inch	OAL inch	PACK qty	PART number	PART number
1/16	1 3/4	3	1	11700159	11700159 SPT
5/64	2	3 3/4	1	11700198	11700198 SPT
3/32	2 1/4	4 1/4	1	11700238	11700238 SPT
7/64	2 1/2	4 5/8	1	11700278	11700278 SPT
1/8	2 3/4	5 1/8	1	11700318	11700318 SPT
9/64	3	5 3/8	1	11700357	11700357 SPT
5/32	3	5 3/8	1	11700397	11700397 SPT
11/64	3 3/8	5 3/4	1	11700437	11700437 SPT
3/16	3 3/8	5 3/4	1	11700476	11700476 SPT
13/64	3 5/8	6	1	11700516	11700516 SPT
7/32	3 5/8	6	1	11700556	11700556 SPT
15/64	3 3/4	6 1/8	1	11700595	11700595 SPT
1/4	3 3/4	6 1/8	1	11700635	11700635 SPT
17/64	3 7/8	6 1/4	1	11700675	11700675 SPT
9/32	3 7/8	6 1/4	1	11700714	11700714 SPT
19/64	4	6 3/8	1	11700754	11700754 SPT
5/16	4	6 3/8	1	11700794	11700794 SPT
21/64	4 1/8	6 1/2	1	11700833	11700833 SPT
11/32	4 1/8	6 1/2	1	11700873	11700873 SPT
23/64	4 1/4	6 3/4	1	11700913	11700913 SPT
3/8	4 1/4	6 3/4	1	11700953	11700953 SPT
25/64	4 3/8	7	1	11700992	11700992 SPT
13/32	4 3/8	7	1	11711032	11711032 SPT
27/64	4 5/8	7 1/4	1	11711072	11711072 SPT
7/16	4 5/8	7 1/4	1	11711111	11711111 SPT
29/64	4 3/4	7 1/2	1	11711151	11711151 SPT
15/32	4 3/4	7 1/2	1	11711191	11711191 SPT
31/64	4 3/4	7 3/4	1	11711230	11711230 SPT
1/2	4 3/4	7 3/4	1	11711270	11711270 SPT
17/32	4 3/4	8	1	11711349	11711349 SPT
9/16	4 7/8	8 1/4	1	11711429	11711429 SPT
5/8	4 7/8	8 3/4	1	11711588	11711588 SPT



## METRIC TAPER SHANK DRILLS

DESCRIPTION	TAPER SHANK
Surface Finish	Blue
Material	HSS
Point Type	118°
Flute Type	Standard Helix, Right Hand
Packaging	Single

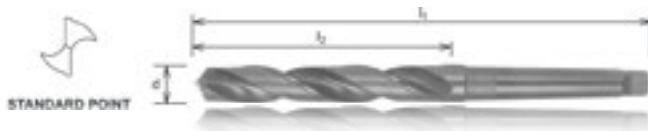
DIA mm	FL mm	OAL mm	MORSE taper	PACK qty	PART number
6.00	57	138	1	1	221140 06.00
6.50	63	144	1	1	221140 06.50
7.00	69	150	1	1	221140 07.00
7.50	69	150	1	1	221140 07.50
8.00	75	156	1	1	221140 08.00
8.50	75	156	1	1	221140 08.50
9.00	81	162	1	1	221140 09.00
9.50	81	162	1	1	221140 09.50
10.00	87	168	1	1	221140 10.00
10.50	87	168	1	1	221140 10.50
11.00	94	175	1	1	221140 11.00
11.50	94	175	1	1	221140 11.50
12.00	101	182	1	1	221140 12.00
12.50	101	182	1	1	221140 12.50
13.00	101	182	1	1	221140 13.00
13.50	108	189	1	1	221140 13.50
14.00	108	189	1	1	221140 14.00
14.50	114	212	2	1	221140 14.50
15.00	114	212	2	1	221140 15.00
15.50	120	218	2	1	221140 15.50
16.00	120	218	2	1	221140 16.00
16.50	125	223	2	1	221140 16.50
17.00	125	223	2	1	221140 17.00
17.50	130	228	2	1	221140 17.50
18.00	130	228	2	1	221140 18.00
18.50	135	233	2	1	221140 18.50
19.00	135	233	2	1	221140 19.00
19.50	140	238	2	1	221140 19.50
20.00	140	238	2	1	221140 20.00
20.50	145	243	2	1	221140 20.50
21.00	145	243	2	1	221140 21.00



## METRIC TAPER SHANK DRILLS

DESCRIPTION	TAPER SHANK
Surface Finish	Blue
Material	HSS
Point Type	118°
Flute Type	Standard Helix, Right Hand
Packaging	Single

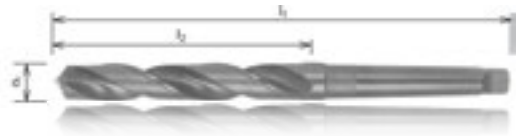
DIA mm	FL mm	OAL mm	MORSE taper	PACK qty	PART number
21.50	150	248	2	1	221140 21.50
22.00	150	248	2	1	221140 22.00
22.50	155	253	2	1	221140 22.50
23.00	155	253	2	1	221140 23.00
23.50	155	276	3	1	221140 23.50
24.00	160	281	3	1	221140 24.00
24.50	160	281	3	1	221140 24.50
25.00	160	281	3	1	221140 25.00
25.50	165	286	3	1	221140 25.50
26.00	165	286	3	1	221140 26.00
26.50	165	286	3	1	221140 26.50
27.00	170	291	3	1	221140 27.00
27.50	170	291	3	1	221140 27.50
28.00	170	291	3	1	221140 28.00
28.50	175	296	3	1	221140 28.50
29.00	175	296	3	1	221140 29.00
29.50	175	296	3	1	221140 29.50
30.00	175	296	3	1	221140 30.00
30.50	180	301	3	1	221140 30.50
31.00	180	301	3	1	221140 31.00
31.50	180	301	3	1	221140 31.50
32.00	185	334	4	1	221140 32.00
32.50	185	334	4	1	221140 32.50
33.00	185	334	4	1	221140 33.00
33.50	185	334	4	1	221140 33.50
34.00	190	339	4	1	221140 34.00
34.50	190	339	4	1	221140 34.50
35.00	190	339	4	1	221140 35.00
35.50	190	339	4	1	221140 35.50
36.00	195	344	4	1	221140 36.00
36.50	195	344	4	1	221140 36.50



## METRIC TAPER SHANK DRILLS

DESCRIPTION	TAPER SHANK
Surface Finish	Blue
Material	HSS
Point Type	118°
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA mm	FL mm	OAL mm	MORSE taper	PACK qty	PART number
37.00	195	344	4	1	221140 37.00
37.50	195	344	4	1	221140 37.50
38.00	200	349	4	1	221140 38.00
38.50	200	349	4	1	221140 38.50
39.00	200	349	4	1	221140 39.00
39.50	200	349	4	1	221140 39.50
40.00	200	349	4	1	221140 40.00
40.50	205	354	4	1	221140 40.50
41.00	205	354	4	1	221140 41.00
41.50	205	354	4	1	221140 41.50
42.00	205	354	4	1	221140 42.00
42.50	205	354	4	1	221140 42.50
43.00	210	359	4	1	221140 43.00
43.50	210	359	4	1	221140 43.50
44.00	210	359	4	1	221140 44.00
44.50	210	359	4	1	221140 44.50
45.00	210	359	4	1	221140 45.00
45.50	215	364	4	1	221140 45.50
46.00	215	364	4	1	221140 46.00
46.50	215	364	4	1	221140 46.50
47.00	215	364	4	1	221140 47.00
47.50	215	364	4	1	221140 47.50
48.00	220	369	4	1	221140 48.00
48.50	220	369	4	1	221140 48.50
49.00	220	369	4	1	221140 49.00
49.50	220	369	4	1	221140 49.50
50.00	220	369	4	1	221140 50.00
51.00	225	412	5	1	221140 51.00
52.00	225	412	5	1	221140 52.00



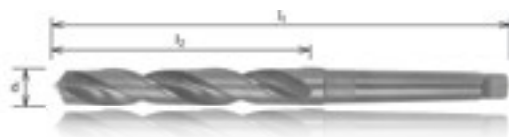
## IMPERIAL TAPER SHANK DRILLS

DESCRIPTION	TAPER SHANK
Surface Finish	Blue
Material	HSS
Point Type	118°
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA mm	FL mm	OAL mm	MORSE taper	PACK qty	PART number
3/8	3 1/4	6 3/4	1	1	221155 0952
13/32	3 5/8	7	1	1	221155 1031
7/16	3 7/8	7 1/4	1	1	221155 1111
15/32	4 1/8	7 1/2	1	1	221155 1190
1/2	4 3/8	8 1/4	2	1	221155 1270
17/32	4 5/8	8 1/2	2	1	221155 1349
9/16	4 7/8	8 3/4	2	1	221155 1428
19/32	4 7/8	8 3/4	2	1	221155 1508
5/8	4 7/8	8 3/4	2	1	221155 1587
21/32	5 1/8	9	2	1	221155 1666
11/16	5 3/8	9 1/4	2	1	221155 1746
23/32	5 5/8	9 1/2	2	1	221155 1825
3/4	5 7/8	9 3/4	2	1	221155 1905
25/32	6	9 7/8	2	1	221155 1984
13/16	6 1/8	10 3/4	3	1	221155 2063
27/32	6 1/8	10 3/4	3	1	221155 2143
7/8	6 1/8	10 3/4	3	1	221155 2222
29/32	6 1/8	10 3/4	3	1	221155 2302
15/16	6 1/8	10 3/4	3	1	221155 2381
31/32	6 3/8	11	3	1	221155 2460
1	6 3/8	11	3	1	221155 2540
1 1/32	6 1/2	11 1/8	3	1	221155 2619
1 1/16	6 5/8	11 1/4	3	1	221155 2698
1 3/32	6 7/8	12 1/2	4	1	221155 2778
1 1/8	7 1/8	12 3/4	4	1	221155 2857
1 5/32	7 1/4	12 7/8	4	1	221155 2937
1 3/6	7 3/8	13	4	1	221155 3016
1 7/32	7 1/2	13 1/8	4	1	221155 3095
1 1/4	7 7/8	13 1/2	4	1	221155 3175
1 9/32	8 1/2	14 1/8	4	1	221155 3254
1 5/16	8 5/8	14 1/4	4	1	221155 3333



STANDARD POINT



## IMPERIAL TAPER SHANK DRILLS

DESCRIPTION	TAPER SHANK
Surface Finish	Blue
Material	HSS
Point Type	118°
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA mm	FL mm	OAL mm	MORSE taper	PACK qty	PART number
1 11/32	8 3/4	14 3/8	4	1	221155 3413
1 3/8	8 7/8	14 1/2	4	1	221155 3492
1 13/32	9	14 5/8	4	1	221155 3572
1 7/16	9 1/8	14 3/4	4	1	221155 3651
1 15/32	9 1/4	14 7/8	4	1	221155 3730
1 1/2	9 3/8	15	4	1	221155 3810
1 17/32	9 3/8	16 3/8	5	1	221155 3889
1 9/16	9 5/8	16 5/8	5	1	221155 3968
1 19/32	9 7/8	16 7/8	5	1	221155 4048
1 5/8	10	17	5	1	221155 4127
1 21/32	10 1/8	17 1/8	5	1	221155 4207
1 11/16	10 1/8	17 1/8	5	1	221155 4286
1 23/32	10 1/8	17 1/8	5	1	221155 4365
1 3/4	10 1/8	17 1/8	5	1	221155 4445
1 25/32	10 1/8	17 1/8	5	1	221155 4524
1 13/16	10 1/8	17 1/8	5	1	221155 4603
1 27/32	10 1/8	17 1/8	5	1	221155 4683
1 7/8	10 3/8	17 3/8	5	1	221155 4762
1 29/32	10 3/8	17 3/8	5	1	221155 4842
1 15/16	10 3/8	17 3/8	5	1	221155 4921
1 31/32	10 3/8	17 3/8	5	1	221155 5000
2	10 3/8	17 3/8	5	1	221155 5080



## STEP DRILLS

DESCRIPTION	STEP DRILLS
Surface Finish	Tinite
Shank	

SIZE	STEPS	SHANK		PART number
1/8"-1/2"	13	1/4		CTDSD1E
1/4"-3/4"	9	3/8		CTDSD2E
4-12MM	5	6mm		CTDSD1M
4-20MM	9	8mm		CTDSD2M
4-30MM	14	10mm		CTDSD3M





## MASONRY DRILLS



DESCRIPTION	MASONRY
Surface Finish	Bright
Material	Steel
Point Type	TCT
Flute Type	Standard Helix, Right Hand
Packaging	Single

DIA mm	PACK qty		STD Fixing		Single brick
3.00	1		09203075		
4.00	1		09204075		
5.00	1		09205085		09205150
5.50	1		092055085		092055150
6.00	1		09206100		09206150
6.50	1		092065100		092065150
7.00	1		09207100		09207150
8.00	1		09208120		09208200
10.00	1		09210120		09210200
11.00	1		09211150		09211200
12.00	1				09212150
13.00	1				09213150
14.00	1				09214150
16.00	1				09216150
20.00	1				09220160
22.00	1				09222160
25.00	1				09225160

