giving you the edge

alpha™

by Sterling®

POWER TOOL ACCESSORIES
PRODUCT CATALOGUE 2013

A BRAND OF SHEFFIELD BLADES

alpha™

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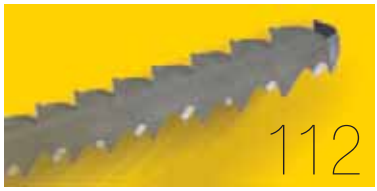

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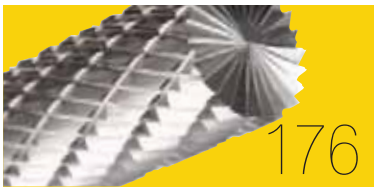

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THEHOLEA

GOLD SERIES GIVING YOU THE WHOLE SOLUTION!

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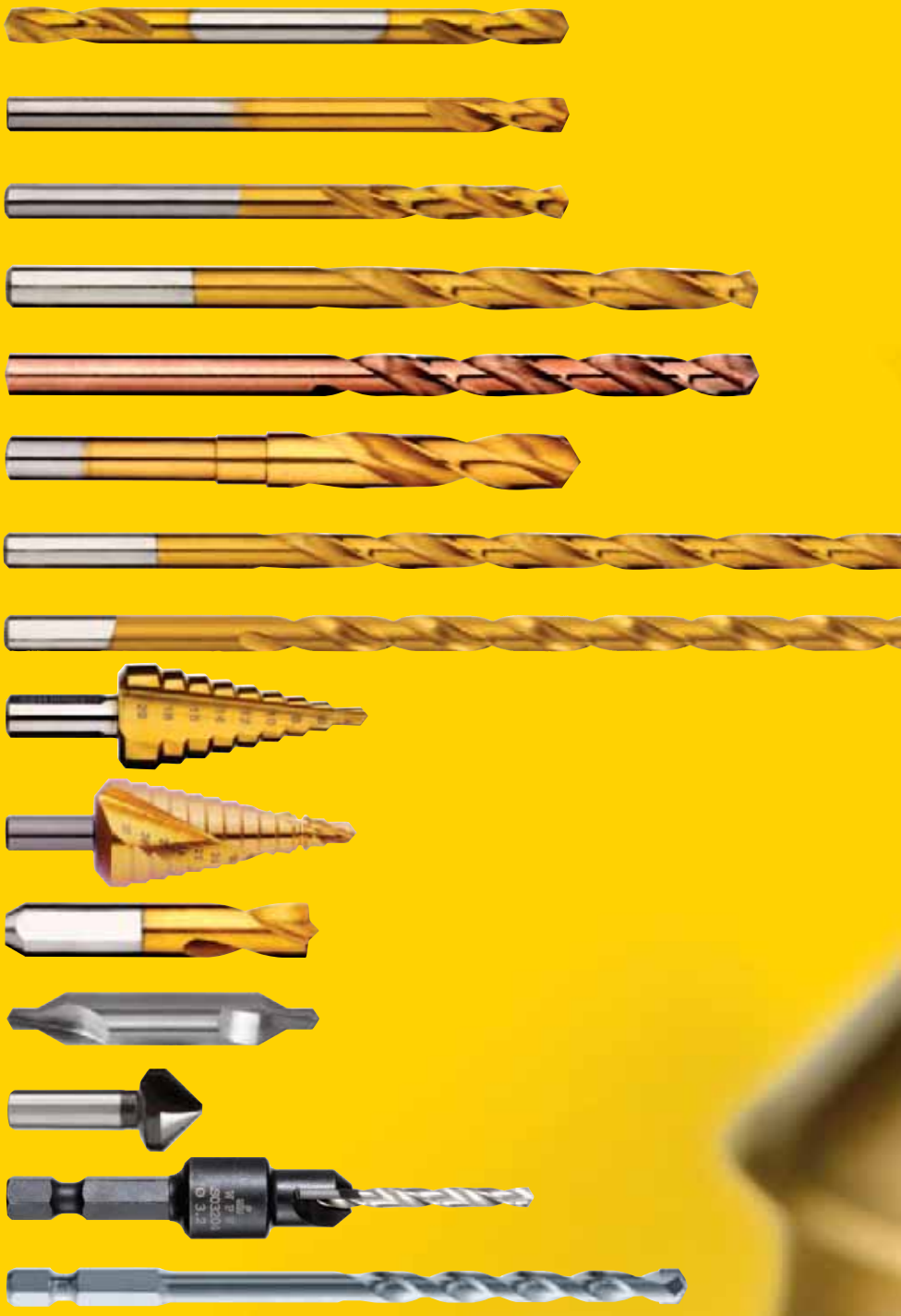

DVANTAGE

alpha™

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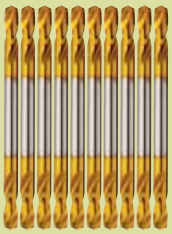
DOUBLEENDEDPANELDRILLS

M2 HSS
Fully ground M2 HSS material increases drill life

Titanium Nitride coating reduces heat and increases lubricity for extended life

135° Split Point
Cuts faster and reduces wandering



measure standard: GAUGE & IMPERIAL | style: PANEL DRILLS | material: HSS TITANIUM NITRIDE | alpha

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Pack qty	Box qty
	DOUBLE ENDED PANEL DRILLS GOLD SERIES						
1/8”	9DI18	1/8	3.17	51	13	10	600
30	9D30	1/8	3.26	51	13	10	600
20	9D20	5/32	4.09	60	16	10	250
11	9D11	3/16	4.85	60	16	10	250
	SUPPLIED IN HANGABLE PLASTIC TUBE						

measure standard: GAUGE | style: PANEL DRILLS | material: HSS BLACK OXIDE | alpha

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Pack qty	Box qty
	DOUBLE ENDED PANEL DRILLS BLACK OXIDE						
30	9D30B	1/8	3.26	51	13	10	600
20	9D20B	5/32	4.09	60	16	10	250
11	9D11B	3/16	4.85	60	16	10	250
	SUPPLIED IN HANGABLE PLASTIC TUBE						

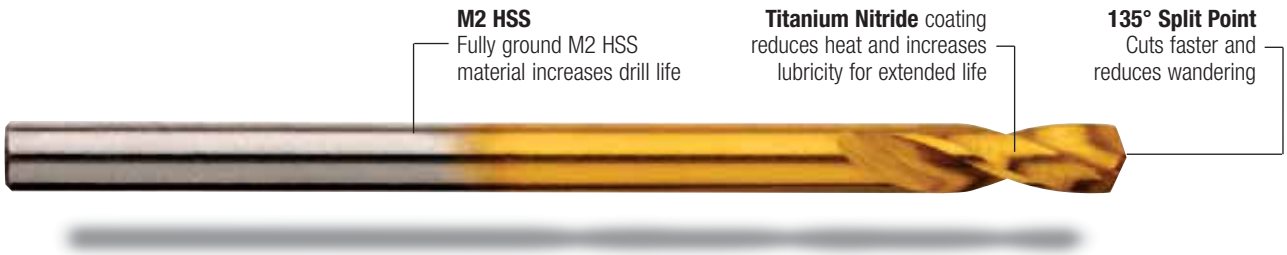
measure standard: GAUGE | style: PANEL DRILLS | material: COBALT | alpha

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Pack qty	Box qty
	DOUBLE ENDED PANEL DRILLS COBALT						
30	9D30CO	1/8	3.26	51	13	10	600
20	9D20CO	5/32	4.09	60	16	10	250
11	9D11CO	3/16	4.85	60	16	10	250

measure standard: GAUGE | style: PANEL DRILLS | material: HSS TITANIUM NITRIDE | alpha

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Card qty	Box qty
	DOUBLE-ENDED PANEL DRILLS - CARDED						
30	C9D30	1/8	3.26	51	13	2/cd	10
20	C9D20	5/32	4.09	60	16	2/cd	10
11	C9D11	3/16	4.85	60	16	2/cd	10
	SUPPLIED ON INDIVIDUAL CARD						

SINGLEENDEDPANELDRILLS



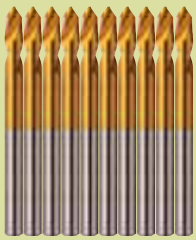
measure standard
GAUGE & IMPERIAL

style
PANEL DRILLS

material
HSS TITANIUM NITRIDE

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Pack qty	Box qty
	SINGLE ENDED PANEL DRILLS GOLD SERIES						
1/8”	**9SPI18**	1/8	3.17	51	13	10	600
30	**9SP30**	1/8	3.26	51	13	10	600
20	**9SP20**	5/32	4.09	51	17	10	250
11	**9SP11**	3/16	4.85	50	15	10	250

SUPPLIED IN HANGABLE PLASTIC TUBE



Did you know?

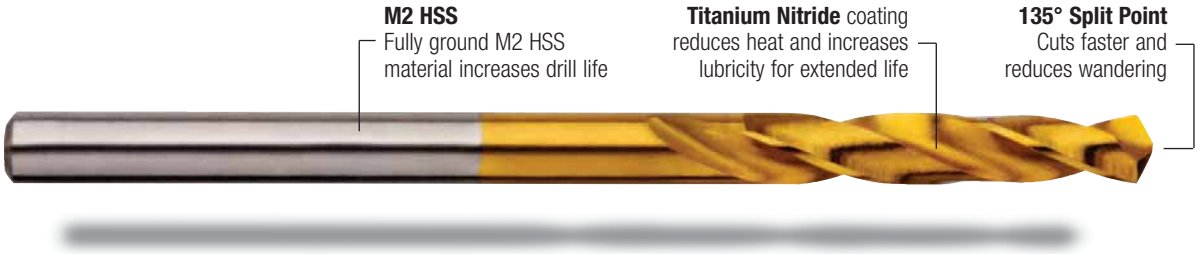
SINGLE ENDED PANEL DRILLS HAVE A SHORTER FLUTE THAN SINGLE ENDED STUB DRILLS.

SINGLE ENDED PANEL DRILLS ARE IDEAL FOR DRILLING THIN SHEET MATERIAL.

BULK DRILL MERCHANDISERS ARE AVAILABLE AND CAN BE STOCKED TO YOUR SPECIFIC REQUIREMENTS

ALPHA OFFER A FULL RANGE OF METRIC AND IMPERIAL DRILL SETS SEE PAGE 25

STUBGAUGEDRILLS



measure standard: GAUGE | style: STUB DRILLS | material: HSS TITANIUM NITRIDE | alpha

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Pack qty	Box qty
	STUB DRILLS GOLD SERIES						
30	9S30	1/8	3.26	51	25	10	600
20	9S20	5/32	4.09	54	27	10	250
19	9SG19	-	4.22	57	29	10	250
11	9S11	3/16	4.85	58	30	10	250
10	9SG10	-	4.91	57	27	10	250

SUPPLIED IN HANGABLE PLASTIC TUBE

measure standard: GAUGE | style: STUB DRILLS | material: HSS TITANIUM NITRIDE | alpha

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Card qty	Pack qty
	STUB DRILLS - GAUGE CARDED						
30	C9S30	1/8	3.26	51	25	2/cd	10
20	C9S20	5/32	4.09	54	27	2/cd	10
11	C9S11	3/16	4.85	58	30	2/cd	10

SUPPLIED ON INDIVIDUAL CARD

CONTACT SHEFFIELD BLADES FOR ALPHA DISPLAY OPTIONS

STUBDRILLS - METRIC&IMPERIAL

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M2 HSS
Fully ground M2 HSS material increases drill life

Titanium Nitride coating reduces heat and increases lubricity for extended life

135° Split Point
Cuts faster and reduces wandering

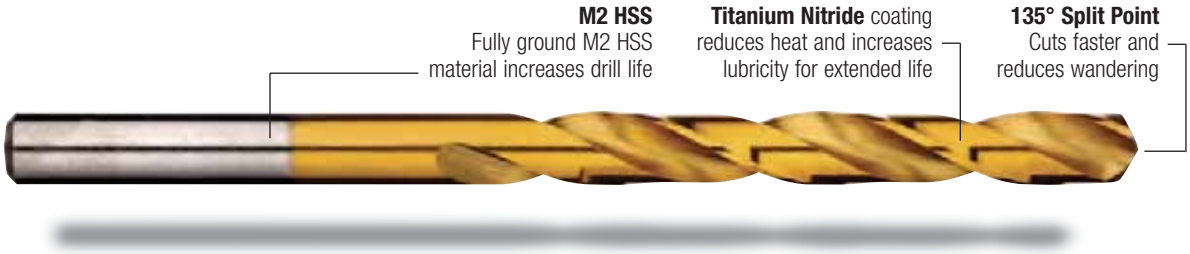
measure standard	style	material
IMPERIAL	STUB DRILLS	HSS TITANIUM NITRIDE

Drill Dia. mm	Code	Drill Dia. mm	OAL mm	FL mm	Pack qty
	STUB DRILLS GOLD SERIES **METRIC**				
2	9SM020	2	38	11	10
2.25	9SM0225	2.25	40	12	10
2.5	9SM025	2.5	43	14	10
2.75	9SM0275	2.75	45	17	10
3	9SM030	3	48	22	10
3.5	9SM035	3.5	49	24	10
4	9SM040	4	54	27	10
4.5	9SM045	4.5	58	27	10
4.9	9SM049	4.9	61	26	10
5	9SM050	5	62	27	10
5.1	9SM051	5.1	62	27	10
5.5	9SM055	5.5	66	28	10
6	9SM060	6	66	28	10
6.5	9SM065	6.5	70	31	10
7	9SM070	7	74	34	10
8	9SM080	8	79	37	5
9	9SM090	9	84	40	5
10	9SM100	10	89	43	5
12	9SM120	12	102	51	5
12.5	9SM125	12.5	102	51	5
13	9SM130	13	102	51	5

measure standard	style	material
METRIC	STUB DRILLS	HSS TITANIUM NITRIDE

Drill Dia. inches	Code	Drill Dia. mm	OAL mm	FL mm	Pack qty
	STUB DRILLS GOLD SERIES **IMPERIAL**				
5/64	9SI564	1.98	43	18	10
3/32	9SI332	2.38	44	19	10
7/64	9SI764	2.78	48	22	10
1/8	9SI18	3.17	48	22	10
9/64	9SI964	3.57	54	27	10
5/32	9SI532	3.97	50	25	10
11/64	9SI1164	4.37	50	25	10
3/16	9SI316	4.76	54	27	10
13/64	9SI1364	5.56	60	32	10
7/32	9SI732	5.16	57	30	10
15/64	9SI1564	5.95	62	33	10
1/4	9SI14	6.35	64	34	10
17/64	9SI1764	6.75	67	37	10
9/32	9SI932	7.14	68	38	5
5/16	9SI516	7.94	71	41	5
11/32	9SI1132	8.73	75	43	5
3/8	9SI38	9.53	79	46	5
13/32	9SI1332	10.32	84	49	5
7/16	9SI716	11.11	87	52	5
15/32	9SI1532	11.91	92	54	5
1/2	9SI12	12.70	95	57	5
	SUPPLIED IN HANGABLE PLASTIC TUBE				

JOBBERDRILLSBULKPACK METRIC



measure standard: METRIC | style: JOBBER | material: HSS TITANIUM NITRIDE

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	JOBBER DRILLS GOLD SERIES			
0.3	9LM003	19	4	10
0.4	9LM004	20	5	10
0.5	9LM005	22	6	10
0.58	9LM0058	30	9	10
0.6	9LM006	24	7	10
0.7	9LM007	28	9	10
0.8	9LM008	30	10	10
0.9	9LM009	32	11	10
1.0	9LM010	34	12	10
1.1	9LM011	36	14	10
1.2	9LM012	38	16	10
1.3	9LM013	38	16	10
1.4	9LM014	40	18	10
1.5	9LM015	40	18	10
1.6	9LM016	43	20	10
1.7	9LM017	43	20	10
1.8	9LM018	46	22	10
1.9	9LM019	46	22	10
2.0	9LM020	49	24	10
2.1	9LM021	49	24	10
2.2	9LM022	53	27	10
2.25	9LM0225	53	27	10
2.3	9LM023	53	27	10
2.4	9LM024	57	30	10
2.5	9LM025	57	30	10
2.6	9LM026	57	30	10
2.7	9LM027	61	33	10
2.75	9LM0275	61	33	10
2.8	9LM028	61	33	10
2.9	9LM029	61	33	10
3.0	9LM030	61	36	10
3.0	9LM030L	61	33 Left Flute	10
3.1	9LM031	65	36	10
3.2	9LM032	65	36	10
3.3	9LM033	65	36	10
3.4	9LM034	70	39	10
3.5	9LM035	70	39	10
3.6	9LM036	70	39	10
3.7	9LM037	70	39	10
3.8	9LM038	75	43	10
3.9	9LM039	75	43	10
4.0	9LM040	75	43	10

SUPPLIED IN HANGABLE PLASTIC TUBE

JOBBERDRILLSBULKPACK METRIC

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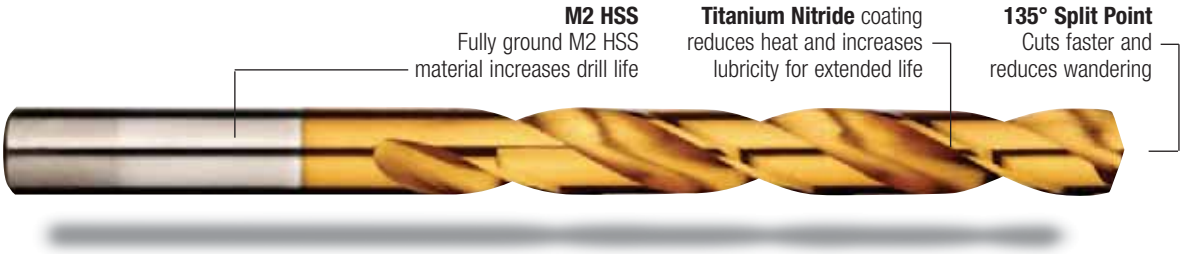
measure standard: METRIC | style: JOBBER | material: HSS TITANIUM NITRIDE | alpha

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	JOBBER DRILLS GOLD SERIES			
4.1	9LM041	75	43	10
4.2	9LM042	75	43	10
4.3	9LM043	80	47	10
4.4	9LM044	80	47	10
4.5	9LM045	80	47	10
4.6	9LM046	80	47	10
4.7	9LM047	80	47	10
4.8	9LM048	86	52	10
4.9	9LM049	86	52	10
5.0	9LM050	86	52	10
5.1	9LM051	86	52	10
5.2	9LM052	86	52	10
5.3	9LM053	86	52	10
5.4	9LM054	93	57	10
5.5	9LM055	93	57	10
5.6	9LM056	93	57	10
5.7	9LM057	93	57	10
5.8	9LM058	93	57	10
5.9	9LM059	93	57	10
6.0	9LM060	93	57	10
6.1	9LM061	101	63	10
6.15	9LM0615	101	63	10
6.2	9LM062	101	63	10
6.3	9LM063	101	63	10
6.4	9LM064	101	63	10
6.5	9LM065	101	63	10
6.6	9LM066	101	63	10
6.7	9LM067	101	63	10
6.8	9LM068	109	69	10
6.9	9LM069	109	69	10
7.0	9LM070	109	69	5
7.1	9LM071	109	69	5
7.2	9LM072	109	69	5
7.3	9LM073	109	69	5
7.4	9LM074	109	69	5
7.5	9LM075	109	69	5
7.6	9LM076	117	75	5
7.7	9LM077	117	75	5
7.8	9LM078	117	75	5
	SUPPLIED IN HANGABLE PLASTIC TUBE			

JOBBERDRILLSBULKPACK METRIC

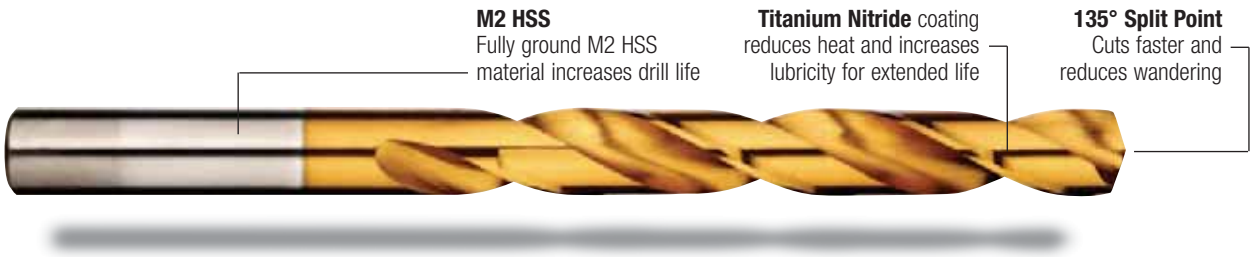


measure standard	style	material
METRIC	JOBBER	HSS TITANIUM NITRIDE

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	JOBBER DRILLS GOLD SERIES			
7.9	9LM079	117	75	5
8.0	9LM080	117	75	5
8.1	9LM081	117	75	5
8.2	9LM082	117	75	5
8.3	9LM083	117	75	5
8.4	9LM084	117	75	5
8.5	9LM085	117	75	5
8.6	9LM086	125	81	5
8.7	9LM087	125	81	5
8.8	9LM088	125	81	5
8.9	9LM089	125	81	5
9.0	9LM090	125	81	5
9.1	9LM091	125	81	5
9.2	9LM092	125	81	5
9.3	9LM093	125	81	5
9.4	9LM094	125	81	5
9.5	9LM095	125	81	5
9.6	9LM096	125	81	5
9.7	9LM097	133	87	5
9.8	9LM098	133	87	5
9.9	9LM099	133	87	5
10.0	9LM100	133	87	1
10.1	9LM101	133	87	1
10.2	9LM102	133	87	1
10.3	9LM103	133	87	1
10.4	9LM104	133	87	1
10.5	9LM105	133	87	1
10.6	9LM106	133	87	1
10.7	9LM107	142	94	1
10.8	9LM108	142	94	1
10.9	9LM109	142	94	1
11.0	9LM110	142	94	1
11.1	9LM111	142	94	1
11.2	9LM112	142	94	1
11.3	9LM113	142	94	1
11.4	9LM114	142	94	1
11.5	9LM115	142	94	1
11.6	9LM116	142	94	1

SUPPLIED IN HANGABLE PLASTIC TUBE

JOBBERDRILLSBULKPACK METRIC

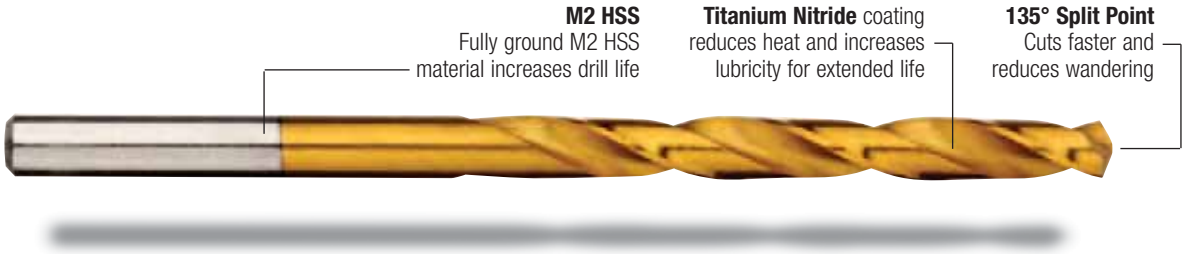


measure standard: METRIC | style: JOBBER | material: HSS TITANIUM NITRIDE

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	JOBBER DRILLS GOLD SERIES			
11.7	9LM117	142	94	1
11.8	9LM118	142	94	1
11.9	9LM119	151	101	1
12.0	9LM120	151	101	1
12.1	9LM121	151	101	1
12.2	9LM122	151	101	1
12.3	9LM123	151	101	1
12.4	9LM124	151	101	1
12.5	9LM125	151	101	1
12.6	9LM126	151	101	1
12.7	9LM127	151	101	1
12.8	9LM128	151	101	1
12.9	9LM129	151	101	1
13.0	9LM130	151	101	1
13.5	9LM135	160	101	1

SUPPLIED IN HANGABLE PLASTIC TUBE

JOBBER DRILLS BULK PACK IMPERIAL



measure standard: IMPERIAL | style: JOBBER | material: HSS TITANIUM NITRIDE

Drill Dia. inches	Code	Drill Dia. mm	OAL mm	FL mm	Pack qty
	JOBBER DRILLS GOLD SERIES				
1/64	9LI164	0.40	20	5	10
1/32	9LI132	0.79	30	10	10
3/64	9LI364	1.19	44	19	10
1/16	9LI116	1.59	48	23	10
5/64	9LI564	1.98	50	25	10
3/32	9LI332	2.38	54	30	10
7/64	9LI764	2.78	67	38	10
1/8	9LI18	3.17	70	42	10
9/64	9LI964	3.57	73	41	10
5/32	9LI532	3.97	79	53	10
11/64	9LI1164	4.37	82	54	10
3/16	9LI316	4.76	89	59	10
13/64	9LI1364	5.16	92	62	10
7/32	9LI732	5.56	95	63	10
15/64	9LI1564	5.95	98	66	10
1/4	9LI14	6.35	101	70	10
17/64	9LI1764	6.75	104	73	10
9/32	9LI932	7.14	109	75	10
19/64	9LI1964	7.58	111	78	5
5/16	9LI516	7.94	114	81	5
21/64	9LI2164	8.33	117	85	5
11/32	9LI1132	8.73	121	87	5
23/64	9LI2364	9.13	124	89	5
3/8	9LI38	9.53	125	81	5
25/64	9LI2564	9.92	130	95	5
13/32	9LI1332	10.32	133	89	1
27/64	9LI2764	10.72	133	94	1
7/16	9LI716	11.11	140	103	1
29/64	9LI2964	11.51	143	106	1
15/32	9LI1532	11.91	146	110	1
31/64	9LI3164	12.30	149	111	1
1/2	9LI12	12.70	152	114	1

SUPPLIED IN HANGABLE PLASTIC TUBE

JOBBERDRILLSBULKPACK GAUGE

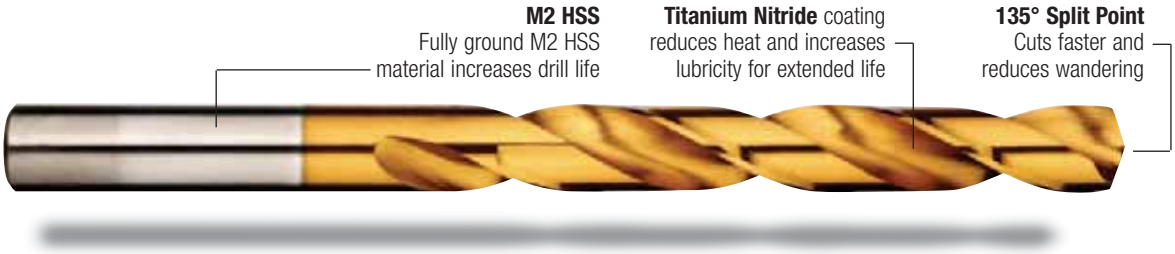
measure standard: GAUGE | style: JOBBER | material: HSS TITANIUM NITRIDE

Drill Dia. gauge	Code	Drill Dia. inches	Drill Dia. mm	OAL mm	FL mm	Pack qty
	JOBBER DRILLS GAUGE					
41	**9LG41**	-	2.44	60	36	10
31	**9LG31**	-	3.05	70	40	10
30	**9L30**	1/8	3.26	70	42	10
20	**9L20**	5/32	4.09	80	54	10
11	**9L11**	3/16	4.85	89	59	10

SUPPLIED IN HANGABLE PLASTIC TUBE

ALPHA OFFERS BULK DRILL MERCHANDISERS - SEE PAGE 30

JOBBER DRILLS CARDED METRIC



measure standard	style	material	
METRIC	JOBBER	HSS TITANIUM NITRIDE	alpha

Dia. mm	Code		Card qty	Box qty
	JOBBER DRILLS CARDED			
1.0	C9LM010		2/cd	10
1.5	C9LM015		2/cd	10
2.0	C9LM020		2/cd	10
2.5	C9LM025		2/cd	10
3.0	C9LM030		2/cd	10
3.5	C9LM035		1/cd	10
4.0	C9LM040		1/cd	10
4.5	C9LM045		1/cd	10
5.0	C9LM050		1/cd	10
5.5	C9LM055		1/cd	5
6.0	C9LM060		1/cd	5
6.5	C9LM065		1/cd	5
7.0	C9LM070		1/cd	5
7.5	C9LM075		1/cd	5
8.0	C9LM080		1/cd	5
8.5	C9LM085		1/cd	5
9.0	C9LM090		1/cd	5
9.5	C9LM095		1/cd	5
10.0	C9LM100		1/cd	5
10.5	C9LM105		1/cd	5
10.5	C9LM105R	Reduced shank	1/cd	5
11.0	C9LM110		1/cd	5
11.0	C9LM110R	Reduced shank	1/cd	5
11.5	C9LM115		1/cd	5
11.5	C9LM115R	Reduced shank	1/cd	5
12.0	C9LM120		1/cd	5
12.0	C9LM120R	Reduced shank	1/cd	5
12.5	C9LM125		1/cd	5
12.5	C9LM125R	Reduced shank	1/cd	5
13.0	C9LM130		1/cd	5
13.0	C9LM130R	Reduced shank	1/cd	5

SUPPLIED ON INDIVIDUAL CARD

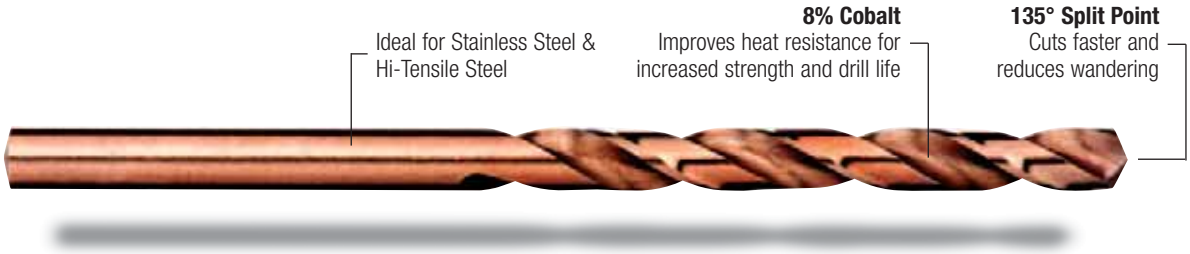
JOBBERDRILLSCARDED IMPERIAL

measure standard: IMPERIAL | style: JOBBER | material: HSS TITANIUM NITRIDE | alpha

Dia. inches	Code		Drill Dia. mm	Card qty	Box qty
	JOBBER DRILLS CARDED				
1/16	C9LI116		1.59	2/cd	10
5/64	C9LI564		1.98	2/cd	10
3/32	C9LI332		2.38	2/cd	10
7/64	C9LI764		2.78	2/cd	10
1/8	C9LI18		3.17	2/cd	10
9/64	C9LI964		3.57	1/cd	10
5/32	C9LI532		3.97	1/cd	10
11/64	C9LI1164		4.37	1/cd	10
3/16	C9LI316		4.76	1/cd	10
13/64	C9LI1364		5.16	1/cd	10
7/32	C9LI732		5.56	1/cd	5
15/64	C9LI1564		5.95	1/cd	5
1/4	C9LI14		6.35	1/cd	5
17/64	C9LI1764		6.75	1/cd	5
9/32	C9LI932		7.14	1/cd	5
19/64	C9LI1964		7.58	1/cd	5
5/16	C9LI516		7.94	1/cd	5
21/64	C9LI2164		8.33	1/cd	5
11/32	C9LI1132		8.73	1/cd	5
23/64	C9LI2364		9.13	1/cd	5
3/8	C9LI38		9.53	1/cd	5
25/64	C9LI2564		9.92	1/cd	5
13/32	C9LI1332		10.32	1/cd	5
13/32	C9LI1332R	Reduced shank	10.32	1/cd	5
27/64	C9LI2764		10.72	1/cd	5
27/64	C9LI2764R	Reduced shank	10.72	1/cd	5
7/16	C9LI716		11.11	1/cd	5
7/16	C9LI716R	Reduced shank	11.11	1/cd	5
29/64	C9LI2964		11.51	1/cd	5
29/64	C9LI2964R	Reduced shank	11.51	1/cd	5
15/32	C9LI1532		11.91	1/cd	5
15/32	C9LI1532R	Reduced shank	11.91	1/cd	5
31/64	C9LI3164		12.30	1/cd	5
31/64	C9LI3164R	Reduced shank	12.30	1/cd	5
1/2	C9LI12		12.70	1/cd	5
1/2	C9LI12R	Reduced shank	12.70	1/cd	5

SUPPLIED ON INDIVIDUAL CARD

COBALT JOBBER DRILLS METRIC



Did you know?

COBALT DRILLS PROVIDE SUPERIOR PERFORMANCE WHEN CUTTING STAINLESS STEEL AND HI-TENSILE STEEL

measure standard	style	material
METRIC	JOBBER	HSS 8% COBALT

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	COBALT JOBBER DRILLS			
1.0	9LM010CO	34	12	1/cd
1.5	9LM015CO	40	18	1/cd
2	9LM020CO	49	24	1/cd
2.5	9LM025CO	57	30	1/cd
3	9LM030CO	61	33	1/cd
3.5	9LM035CO	70	39	1/cd
4	9LM040CO	75	43	1/cd
4.5	9LM045CO	80	47	1/cd
5	9LM050CO	86	52	1/cd
5.5	9LM055CO	93	57	1/cd
5.6	9LM056CO	93	57	1/cd
5.8	9LM058CO	93	57	1/cd
6	9LM060CO	93	57	1/cd
6.5	9LM065CO	102	64	1/cd
7	9LM070CO	109	69	1/cd
7.5	9LM075CO	109	69	1/cd
8	9LM080CO	117	75	1/cd
8.5	9LM085CO	117	75	1/cd
9	9LM090CO	125	81	1/cd
9.5	9LM095CO	125	81	1/cd
10	9LM100CO	133	87	1/cd
10.5	9LM105CO	133	87	1/cd
11	9LM110CO	142	94	1/cd
11.5	9LM115CO	142	94	1/cd
12	9LM120CO	151	101	1/cd
12.5	9LM125CO	151	101	1/cd
13	9LM130CO	151	101	1/cd
17.5	9LM175RCO	156	131	Reduced shank 1/tube

SUPPLIED ON INDIVIDUAL CARD

measure standard	style	material
GAUGE	JOBBER	HSS 8% COBALT

Drill Dia. gauge	Code	Drill Dia. mm	OAL mm	FL mm	Pack qty
	COBALT JOBBER DRILLS - GAUGE				
40	9LG40CO	2.49	56	31	1
30	9LG30CO	3.26	70	42	1
20	9LG20CO	4.09	80	54	1

SUPPLIED ON INDIVIDUAL CARD

COBALTJOBBERDRILLS IMPERIAL

alpha by Sterling

measure standard	style	material
IMPERIAL	JOBBER	HSS 8% COBALT

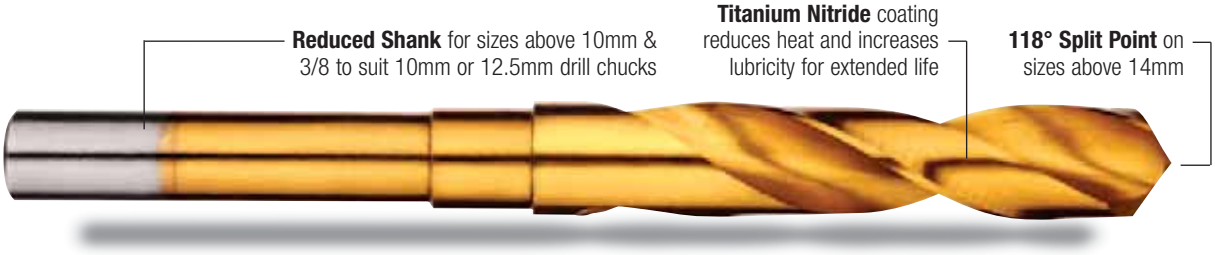
Drill Dia. inches	Code	Drill Dia. mm	OAL mm	FL mm	Pack qty
	COBALT JOBBER DRILLS				
1/16	9LI116CO	1.59	48	23	1
5/64	9LI564CO	1.98	52	27	1
3/32	9LI332CO	2.38	54	30	1
7/64	9LI764CO	2.78	107	74	1
1/8	9LI18CO	3.17	70	42	1
9/64	9LI964CO	3.57	113	81	1
5/32	9LI532CO	3.97	79	53	1
11/64	9LI1164CO	4.37	84	55	1
3/16	9LI316CO	4.76	89	59	1
13/64	9LI1364CO	5.16	95	64	1
7/32	9LI732CO	5.56	97	64	1
15/64	9LI1564CO	5.95	100	67	1
1/4	9LI14CO	6.35	101	70	1
17/64	9LI1764CO	6.75	107	73	1
9/32	9LI932CO	7.14	109	75	1
19/64	9LI1964CO	7.54	114	81	1
5/16	9LI516CO	7.94	114	81	1
21/64	9LI2164CO	8.33	119	84	1
11/32	9LI1132CO	8.73	124	86	1
23/64	9LI2364CO	9.13	126	91	1
3/8	9LI38CO	9.53	125	81	1
25/64	9LI2564CO	9.92	130	95	1
13/32	9LI1332CO	10.32	133	94	1
27/64	9LI2764CO	10.72	133	94	1
7/16	9LI716CO	11.11	140	103	1
29/64	9LI2964CO	11.51	143	106	1
15/32	9LI1532CO	11.91	146	112	1
31/64	9LI3164CO	12.3	149	112	1
1/2	9LI12CO	12.7	152	114	1
	SUPPLIED ON INDIVIDUAL CARD				

METRIC & IMPERIAL COBALT DRILL MERCHANDISERS AVAILABLE - SEE PAGE 30

measure standard	style	material
METRIC / IMPERIAL	JOBBER	HSS 8% COBALT

Size range mm	Code	No. of drills	Box Style	Box qty
COBALT JOBBER DRILL SETS				
1.5 - 6.5 Cobalt	SM13CO	13pce	Metal	7
1.0 - 10.0 Cobalt	SM19CO	19pce	Plastic	7
1.0 - 13.0 Cobalt	SM25CO	25pce	Plastic	7
1/16 - 1/2 Cobalt	SI29CO	29pce	Plastic	7

REDUCEDSHANKDRILLS METRIC

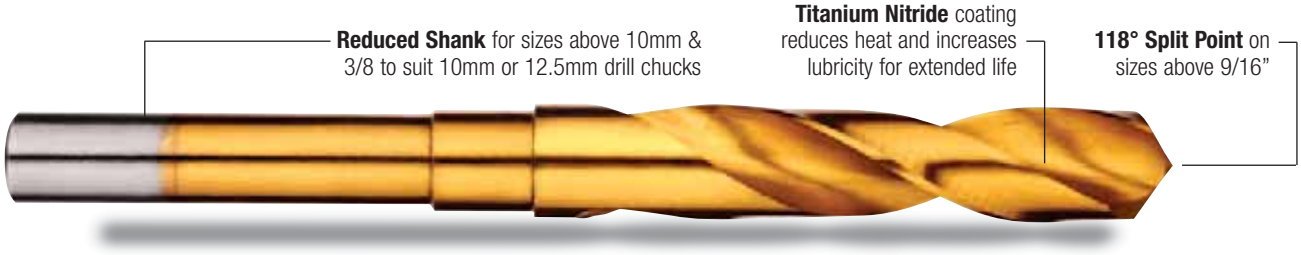


measure standard: METRIC | style: REDUCED SHANK | material: HSS TITANIUM NITRIDE

Drill Dia. mm	Code	OAL mm	FL mm	Reduced Shank mm	Pack qty
	REDUCED SHANK DRILLS GOLD SERIES				
10.5	9LM105R	133	87	10	1
11	9LM110R	142	94	10	1
11.5	9LM115R	142	94	10	1
12	9LM120R	151	101	10	1
12.5	9LM125R	151	101	10	1
13	9LM130R	151	101	10	1
13.5	9LM135R	152	86	10	1
14	9LM140R	152	86	10	1
14	9LM140R12	152	86	12.5	1
14.5	9LM145R	152	86	10	1
15	9LM150R	152	86	12.5	1
15.5	9LM155R	152	86	12.5	1
16	9LM160R	152	86	12.5	1
16.5	9LM165R	152	86	12.5	1
17	9LM170R	152	86	12.5	1
17.5	9LM175R	152	86	12.5	1
18	9LM180R	152	86	12.5	1
18.5	9LM185R	152	86	12.5	1
19	9LM190R	152	86	12.5	1
19.5	9LM195R	152	86	12.5	1
20	9LM200R	152	86	12.5	1
20.5	9LM205R	152	86	12.5	1
21	9LM210R	152	86	12.5	1
21.5	9LM215R	152	86	12.5	1
22	9LM220R	152	86	12.5	1
22.5	9LM225R	152	86	12.5	1
23	9LM230R	152	86	12.5	1
23.5	9LM235R	152	86	12.5	1
24	9LM240R	152	86	12.5	1
24.5	9LM245R	152	86	12.5	1
25	9LM250R	152	86	12.5	1
26	9LM260R	152	86	12.5	1
27	9LM270R	152	86	12.5	1
28	9LM280R	152	86	12.5	1
29	9LM290R	152	86	12.5	1
30	9LM300R	152	86	12.5	1
32	9LM320R	152	86	12.5	1

SUPPLIED ON INDIVIDUAL CARD

REDUCEDSHANKDRILLS IMPERIAL



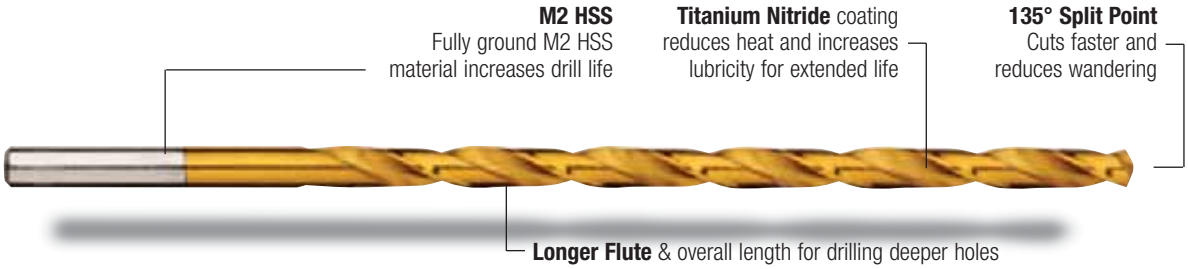
measure standard
IMPERIAL

style
REDUCED SHANK

material
HSS TITANIUM NITRIDE

Drill Dia. inches	Code	Drill Dia. mm	OAL mm	FL mm	Reduced shank inches	Pack qty
	REDUCED SHANK DRILLS GOLD SERIES					
13/32	9LI1332R	10.32	133	89	3/8	1
27/64	9LI2764R	10.72	133	94	3/8	1
7/16	9LI716R	11.11	140	103	3/8	1
29/64	9LI2964R	11.51	143	106	3/8	1
15/32	9LI1532R	11.91	146	110	3/8	1
31/64	9LI3164R	12.30	149	111	3/8	1
1/2	9LI12R	12.70	152	114	3/8	1
33/64	9LI3364R	13.10	152	86	3/8	1
17/32	9LI1732R	13.49	152	86	1/2	1
35/64	9LI3564R	13.89	152	86	3/8	1
9/16	9LI916R38	14.29	152	86	3/8	1
9/16	9LI916R	14.29	152	86	1/2	1
37/64	9LI3764R	14.68	152	86	1/2	1
19/32	9LI1932R	15.08	152	86	1/2	1
39/64	9LI3964R	15.48	152	86	1/2	1
5/8	9LI58R38	15.88	152	86	3/8	1
5/8	9LI58R	15.88	152	86	1/2	1
41/64	9LI4164R	16.27	152	86	1/2	1
21/32	9LI2132R	16.67	152	86	1/2	1
43/64	9LI4364R	17.06	152	86	1/2	1
11/16	9LI1116R	17.46	152	86	1/2	1
45/64	9LI4564R	17.86	152	86	1/2	1
23/32	9LI2332R	18.26	152	86	1/2	1
3/4	9LI34R	19.05	152	86	1/2	1
49/64	9LI4964R	19.45	152	86	1/2	1
25/32	9LI2532R	19.84	152	86	1/2	1
51/64	9LI5164R	20.24	152	86	1/2	1
13/16	9LI1316R	20.64	152	86	1/2	1
53/64	9LI5364R	21.03	152	86	1/2	1
27/32	9LI2732R	21.43	152	86	1/2	1
55/64	9LI5564R	21.83	152	86	1/2	1
7/8	9LI78R	22.23	152	86	1/2	1
29/32	9LI2932R	23.02	152	86	1/2	1
15/16	9LI1516R	23.81	152	86	1/2	1
31/32	9LI3132R	24.61	152	86	1/2	1
1	9LI1R	25.40	152	86	1/2	1
1-1/16	9LI1-116R	26.99	152	86	1/2	1
1-1/8	9LI1-18R	28.56	152	86	1/2	1
1-3/16	9LI1-316R	30.16	152	86	1/2	1
1-1/4	9LI1-14R	31.75	152	86	1/2	1
	SUPPLIED ON INDIVIDUAL CARD					

LONGSERIESDRILLS METRIC

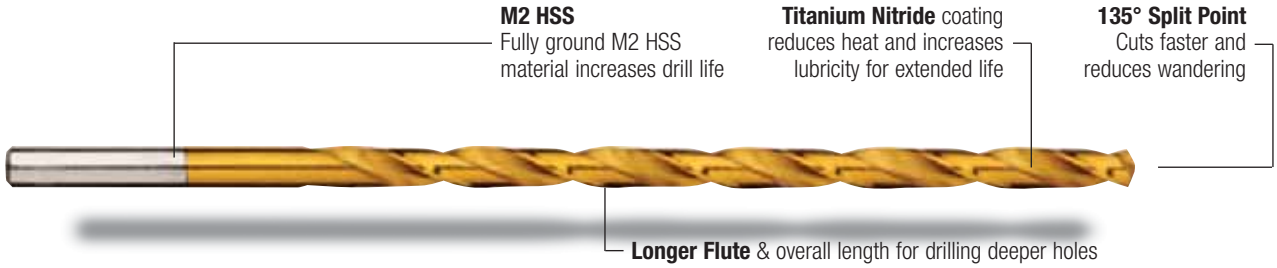


measure standard: METRIC | style: LONG SERIES | material: HSS TITANIUM NITRIDE | alpha

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	LONG SERIES DRILLS GOLD SERIES			
2	9ELM020	95	62	1/cd
2.5	9ELM025	95	62	1/cd
3	9ELM030	130	76	1/cd
3.3	9ELM033	106	69	1/cd
3.5	9ELM035	137	76	1/cd
3.8	9ELM038	120	78	1/cd
4	9ELM040	146	86	1/cd
4.5	9ELM045	146	86	1/cd
5	9ELM050	152	92	1/cd
5.5	9ELM055	152	92	1/cd
6	9ELM060	156	95	1/cd
6.5	9ELM065	159	98	1/cd
7	9ELM070	159	98	1/cd
7.5	9ELM075	162	102	1/cd
8	9ELM080	165	105	1/cd
8.5	9ELM085	165	105	1/cd
9	9ELM090	171	108	1/cd
9.5	9ELM095	171	108	1/cd
10	9ELM100	178	111	1/cd
10.5	9ELM105	184	117	1/cd
11	9ELM110	184	117	1/cd
11.5	9ELM115	184	117	1/cd
12	9ELM120	197	121	1/cd
12.5	9ELM125	197	121	1/cd
13	9ELM130	203	121	1/cd
	SUPPLIED ON INDIVIDUAL CARD			

Drill Dia. gauge	Code	Gauge	OAL mm	FL mm	Drill Dia mm	Pack qty
	LONG SERIES DRILLS GOLD SERIES					
30	9ELG30	30	130	69	3.26	1/cd

LONGSERIESDRILLS IMPERIAL

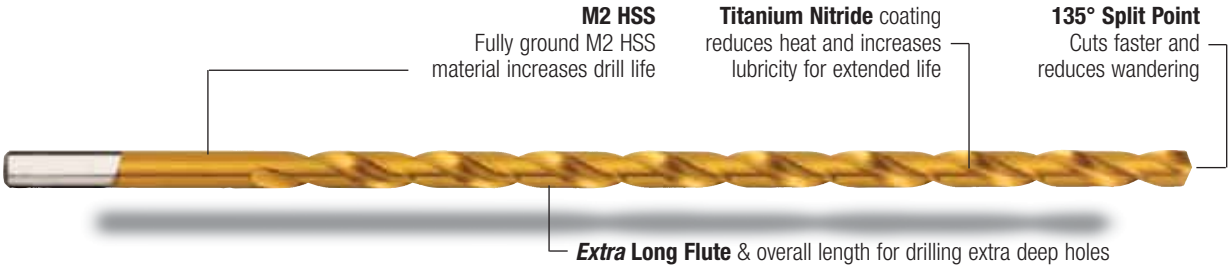


measure standard: IMPERIAL | style: LONG SERIES | material: HSS TITANIUM NITRIDE

Drill Dia. inches	Code	Drill Dia. mm	OAL mm	FL mm	Pack qty
	LONG SERIES DRILLS GOLD SERIES				
5/64	9ELI564	1.98	95.5	51	1/cd
3/32	9ELI332	2.38	108	57	1/cd
7/64	9ELI764	2.78	118	64	1/cd
1/8	9ELI18	3.17	131	70	1/cd
9/64	9ELI964	3.57	137	76	1/cd
5/32	9ELI532	3.97	137	76	1/cd
11/64	9ELI1164	4.37	146	86	1/cd
3/16	9ELI316	4.76	146	86	1/cd
13/64	9ELI1364	5.16	152	92	1/cd
7/32	9ELI732	5.56	152	92	1/cd
15/64	9ELI1564	5.95	158	97	1/cd
1/4	9ELI14	6.35	155	95	1/cd
17/64	9ELI1764	6.75	159	98	1/cd
9/32	9ELI932	7.14	159	98	1/cd
19/64	9ELI1964	7.53	162	102	1/cd
5/16	9ELI516	7.94	162	102	1/cd
21/64	9ELI2164	8.33	165	109	1/cd
11/32	9ELI1132	8.73	175	115	1/cd
23/64	9ELI2364	9.13	175	115	1/cd
3/8	9ELI38	9.53	171	108	1/cd
13/32	9ELI1332	10.32	184	121	1/cd
7/16	9ELI716	11.11	181	116	1/cd
15/32	9ELI1532	11.91	205	134	1/cd
1/2	9ELI12	12.7	202	133	1/cd

SUPPLIED ON INDIVIDUAL CARD

EXTRALONGSERIESDRILLSMETRIC



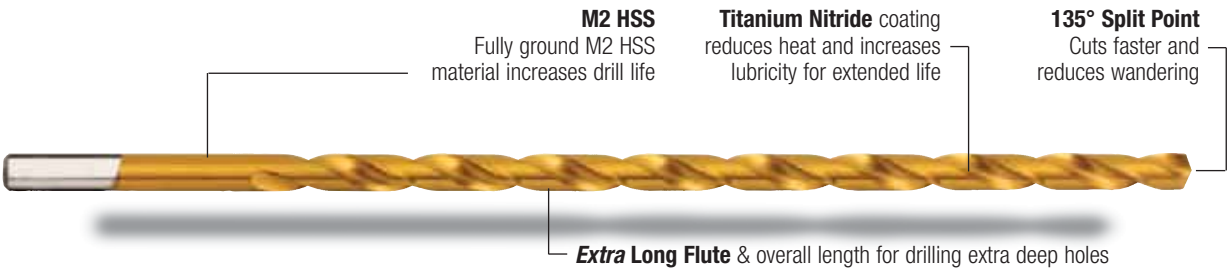
measure standard	style	material
METRIC	EXTRA LONG SERIES	HSS TITANIUM NITRIDE

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	LONG SERIES DRILLS GOLD SERIES			
3	9EXLM030	315	247	1/cd
3	9EXLM030	315	247	1/cd
3.3	9EXLM033	315	247	1/cd
4	9EXLM040	315	247	1/cd
5	9EXLM050	315	247	1/cd
6	9EXLM060	315	247	1/cd
6.5	9EXLM065	315	247	1/cd
8	9EXLM080	315	247	1/cd
9	9EXLM090	315	247	1/cd
10	9EXLM100	315	247	1/cd
11	9EXLM110	315	247	1/cd
11.5	9EXLM115	315	247	1/cd
12	9EXLM120	315	247	1/cd
12.5	9EXLM125	315	247	1/cd
13	9EXLM130	315	247	1/cd

SUPPLIED ON INDIVIDUAL CARD

LONG SERIES DRILL MERCHANDISER

EXTRALONGSERIESDRILLSMETRIC



EXTRA LONG SERIES DRILL MERCHANDISER

ALPHA OFFERS CARDED AND BULK DRILL MERCHANDISERS FOR METRIC & IMPERIAL SIZES
- SEE PAGE 30

DRILLSETS METRIC

SM13

TUFFBOX FEATURES

> TOUGH PLASTIC CASE

> RUGGED RUBBER GRIPS

> GENUINE ALPHA GOLD SERIES JOBBER DRILL BITS

> STRONG LOCKING CATCH

> SUPPLIED WITH SECURITY TAB TO STOP PILFERING

> FEEDS & SPEEDS CHART INSIDE EVERY DRILL SET

SM19PB

SLIMBOX FEATURES

> STRONG METAL BOX

> SLIM & COMPACT

> GENUINE ALPHA GOLD SERIES JOBBER DRILL BITS

> SECURITY HANG TAB

> FEEDS & SPEEDS CHART INSIDE EVERY DRILL SET

SM19

SM25PB

measure standard: METRIC | style: JOBBER | material: HSS TITANIUM NITRIDE / COBALT | alpha

SM25

Size range mm	Code	No. of drills	Box Style	Box qty
DRILL SETS GOLD SERIES				
1.5 - 6.5	**SM13**	13pce	Metal	30
1.5 - 6.5 Cobalt	**SM13CO**	13pce	Metal	7
1.0 - 10.0	**SM19**	19pce	Metal SLIMBOX	20
1.0 - 10.0	**SM19PB**	19pce	Plastic TUFFBOX	20
1.0 - 10.0 Cobalt	**SM19CO**	19pce	Plastic TUFFBOX	20
1.0 - 13.0 Straight Shank	**SM25**	25pce	Metal SLIMBOX	8
1.0 - 13.0 Straight Shank	**SM25PB**	25pce	Plastic TUFFBOX	7
1.0 - 13.0 Reduced Shank	**SM25R**	25pce	Metal SLIMBOX	8
1.0 - 13.0 Reduced Shank	**SM25RPB**	25pce	Plastic TUFFBOX	7
1.0 - 13.0 Straight Shank COBALT	**SM25CO**	25pce	Plastic TUFFBOX	7

EMPTY ADDITIONAL PLASTIC BOXES AVAILABLE UPON REQUEST

Size range mm	Code	No. of drills	Box Style
	DRILL SETS GOLD SERIES		
1.0 - 13.0 Straight Shank	**SM100**	100pce	Metal

SI13

SI21PB

SI21

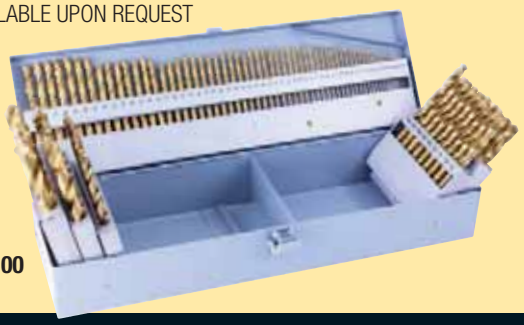
SI29PB

measure standard: IMPERIAL | style: JOBBER | material: HSS TITANIUM NITRIDE / COBALT

alpha

Size range	Code	No. of drills	Box Style	Box
Inches				qty
DRILL SETS GOLD SERIES				
1/16 - 1/4	**SI13**	13pce	Metal	30
1/16 - 3/8	**SI21**	21pce	Metal SLIMBOX	20
1/16 - 3/8	**SI21PB**	21pce	Plastic TUFFBOX	20
1/16 - 1/2 Straight Shank	**SI29**	29pce	Metal SLIMBOX	8
1/16 - 1/2 Straight Shank	**SI29PB**	29pce	Plastic TUFFBOX	7
1/16 - 1/2 Reduced Shank	**SI29R**	29pce	Metal SLIMBOX	8
1/16 - 1/2 Reduced Shank	**SI29RPB**	29pce	Plastic TUFFBOX	7
1/16 - 1/2 Straight Shank COBALT	**SI29CO**	29pce	Plastic TUFFBOX	7

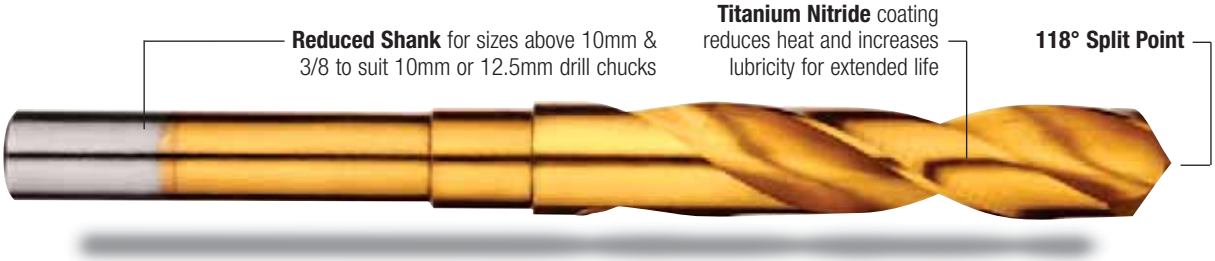
EMPTY ADDITIONAL PLASTIC BOXES AVAILABLE UPON REQUEST



SM100

SI29

REDUCEDSHANKDRILLSETSMETRIC

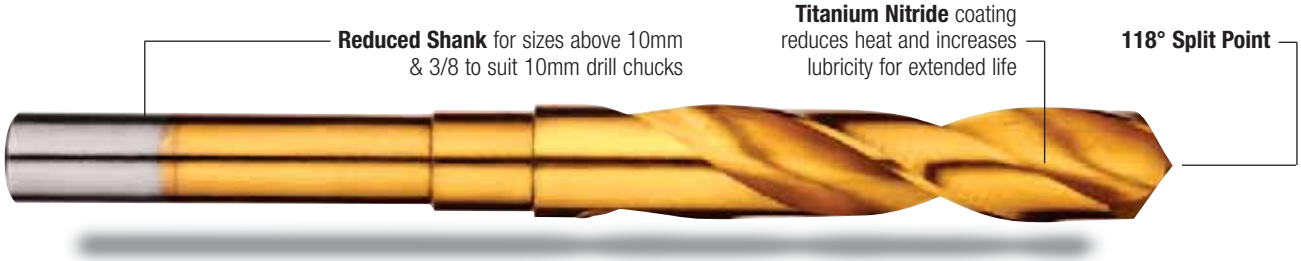


measure standard: METRIC | style: REDUCED SHANK | material: TIN COATED

Size range mm	Code	No. of drills	Box Style	Reduced Shank mm
5 PIECE	5 PIECE METRIC – REDUCED SHANK DRILL SET			
14, 16, 18, 22 & 25	**RSM5**	5pce	Plastic	12.5

Size range mm	Code	No. of drills	Box Style	Reduced Shank mm
8 PIECE	8 PIECE METRIC – REDUCED SHANK DRILL SET			
14, 15, 16, 16.5, 18, 20, 22 & 25	**RSM8**	8pce	Plastic	12.5

REDUCEDSHANKDRILLSETSIMPERIAL



measure standard: IMPERIAL | style: REDUCED SHANK | material: TIN COATED

Size range Inches	Code	No. of drills	Box Style	Reduced Shank Inches
5 PIECE	5 PIECE IMPERIAL – REDUCED SHANK DRILL SET			
9/16", 5/8", 3/4", 7/8", 1"	**RSI5**	5pce	Plastic	1/2

Size range Inches	Code	No. of drills	Box Style	Reduced Shank Inches
8 PIECE	8 PIECE IMPERIAL – REDUCED SHANK DRILL SET			
9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"	**RSI8**	8pce	Plastic	1/2

BULKDRILLMERCHANDISERS

Bulk metal counter merchandiser with stock / drill size gauge in top of merchandiser / lockable front supplied with Alpha HSS Titanium Nitride coated drills

measure standard METRIC | code 9DISBOXM alpha

Size mm	Code	Merchandiser qty
BULK DRILL MERCHANDISER GOLD SERIES		
1.0	9LM010	20
1.5	9LM015	20
2.0	9LM020	20
2.5	9LM025	20
3.0	9LM030	20
3.3	9LM033	20
3.5	9LM035	20
4.0	9LM040	20
4.5	9LM045	20
5.0	9LM050	20
5.5	9LM055	10
6.0	9LM060	10
6.5	9LM065	10
7.0	9LM070	10
7.5	9LM075	10
8.0	9LM080	10
8.5	9LM085	10
9.0	9LM090	10
9.5	9LM095	10
10.0	9LM100	10
10.5	9LM105	5
11.0	9LM110	5
11.5	9LM115	5
12.0	9LM120	5
12.5	9LM125	5
13.0	9LM130	5
#30	9D30	20
#20	9D20	20
#11	9D11	20

measure standard IMPERIAL | code 9DISBOXI alpha

Size Inches	Code	Merchandiser qty
BULK DRILL MERCHANDISER GOLD SERIES		
1/16	9LI116	20
5/64	9LI564	20
3/32	9LI332	20
7/64	9LI764	20
1/8	9LI18	20
9/64	9LI964	20
5/32	9LI532	20
11/64	9LI1164	20
3/16	9LI316	10
13/64	9LI1364	10
7/32	9LI732	10
15/64	9LI1564	10
1/4	9LI14	10
17/64	9LI1764	10
9/32	9LI932	10
19/64	9LI1964	10
5/16	9LI516	10
21/64	9LI2164	10
11/32	9LI1132	10
23/64	9LI2364	10
3/8	9LI38	10
25/64	9LI2564	5
13/32	9LI1332	5
27/64	9LI2764	5
7/16	9LI716	5
29/64	9LI2964	5
15/32	9LI1532	5
31/64	9LI3164	5
1/2	9LI12	5

CARDED DRILL MERCHANDISERS

30 hook wall merchandiser frame with stock

alpha by Sterling

measure standard **METRIC** | code **C9DISPM** | alpha

Size mm	Code	Card qty	Merchandiser qty
CARDED DRILL MERCHANDISER GOLD SERIES			
1.0	C9LM010	2	10
1.5	C9LM015	2	10
2.0	C9LM020	2	10
2.5	C9LM025	2	10
3.0	C9LM030	2	10
3.5	C9LM035	1	10
4.0	C9LM040	1	10
4.5	C9LM045	1	10
5.0	C9LM050	1	10
5.5	C9LM055	1	5
6.0	C9LM060	1	10
6.5	C9LM065	1	5
7.0	C9LM070	1	5
7.5	C9LM075	1	5
8.0	C9LM080	1	10
8.5	C9LM085	1	5
9.0	C9LM090	1	5
9.5	C9LM095	1	3
10.0	C9LM100	1	10
10.5	C9LM105	1	3
11.0	C9LM110	1	3
11.5	C9LM115	1	3
12.0	C9LM120	1	3
12.5	C9LM125	1	3
13.0	C9LM130	1	3
#30	C9D30	2	5
#20	C9D20	2	5
#11	C9D11	2	5
#30	C9S30	2	5
#20	C9S20	2	5

measure standard **IMPERIAL** | code **C9DISPI** | alpha

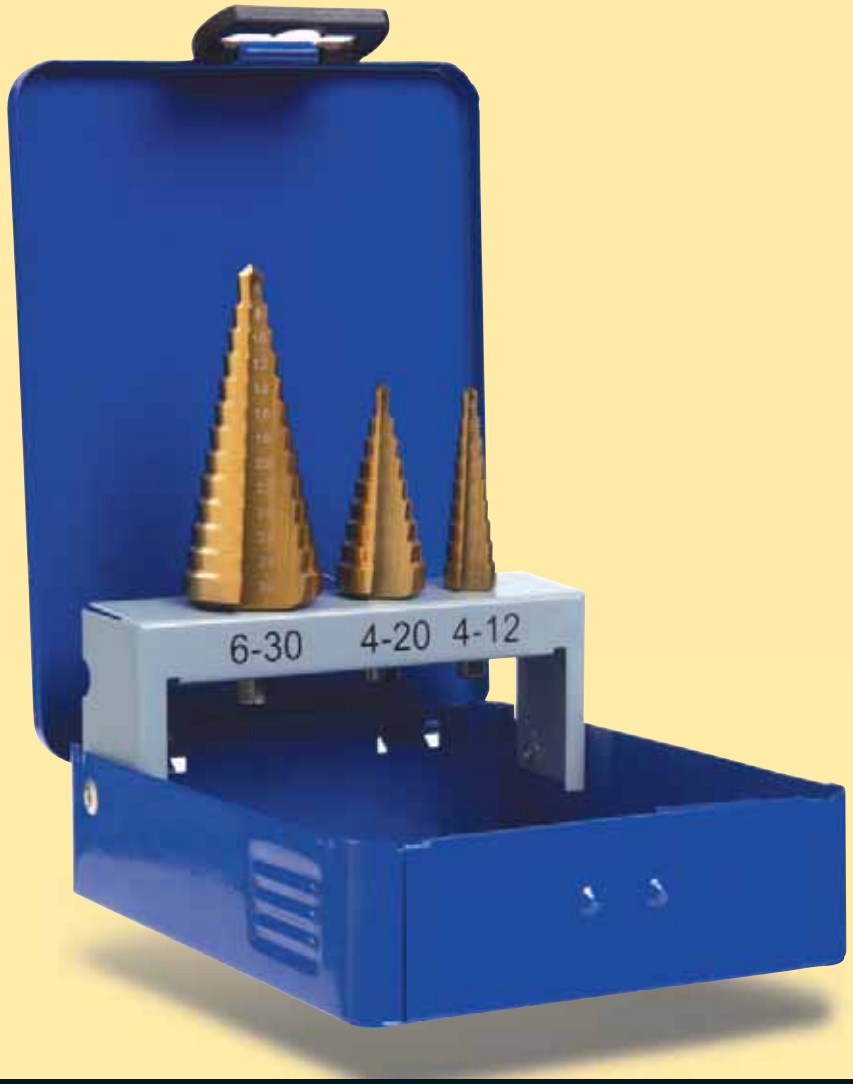
Size Inches	Code	Card qty	Merchandiser qty
CARDED DRILL MERCHANDISER GOLD SERIES			
1/16	C9LI116	2	10
5/64	C9LI564	2	10
3/32	C9LI332	2	10
7/64	C9LI764	2	10
1/8	C9LI18	2	10
9/64	C9LI964	1	10
5/32	C9LI532	1	10
11/64	C9LI1164	1	10
3/16	C9LI316	1	10
13/64	C9LI1364	1	5
7/32	C9LI732	1	5
15/64	C9LI1564	1	5
1/4	C9LI14	1	5
17/64	C9LI1764	1	5
9/32	C9LI932	1	5
19/64	C9LI1964	1	5
5/16	C9LI516	1	5
21/64	C9LI2164	1	5
11/32	C9LI1132	1	5
23/64	C9LI2364	1	5
3/8	C9LI38	1	10
25/64	C9LI2564	1	3
13/32	C9LI1332	1	3
27/64	C9LI2764	1	3
7/16	C9LI716	1	3
29/64	C9LI2964	1	3
15/32	C9LI1532	1	3
31/64	C9LI3164	1	3
1/2	C9LI12	1	3
#11	C9S11	2	5

STEPDRILLS

measure standard: METRIC & IMPERIAL | style: STEP DRILL | material: HSS TITANIUM NITRIDE

Drill Dia. mm	Code	No. of Steps	Drill Dia. mm	Drill Dia. inches	Pack qty
	STEP DRILLS GOLD SERIES				
4-12	**9STM4-12**	9 steps	4-12	-	1
4-20	**9STM4-20**	9 steps	4-20	-	1
6-30	**9STM6-30**	13 steps	6-30	-	1
6-32	**9STM6-32**	14 steps	6-32	-	1
1/4-3/4	**9STI14-34**	9 steps	-	1/4 - 3/4	1
4-12, 4-20, 6-30	**STPSET3**	3 Piece Set Supplied in Robust Metal Case			1

SUPPLIED IN INDIVIDUAL SEALED PLASTIC TUBES



ROTASTOPSPIRALFLUTESTEPDRILLS

MADE IN EUROPE

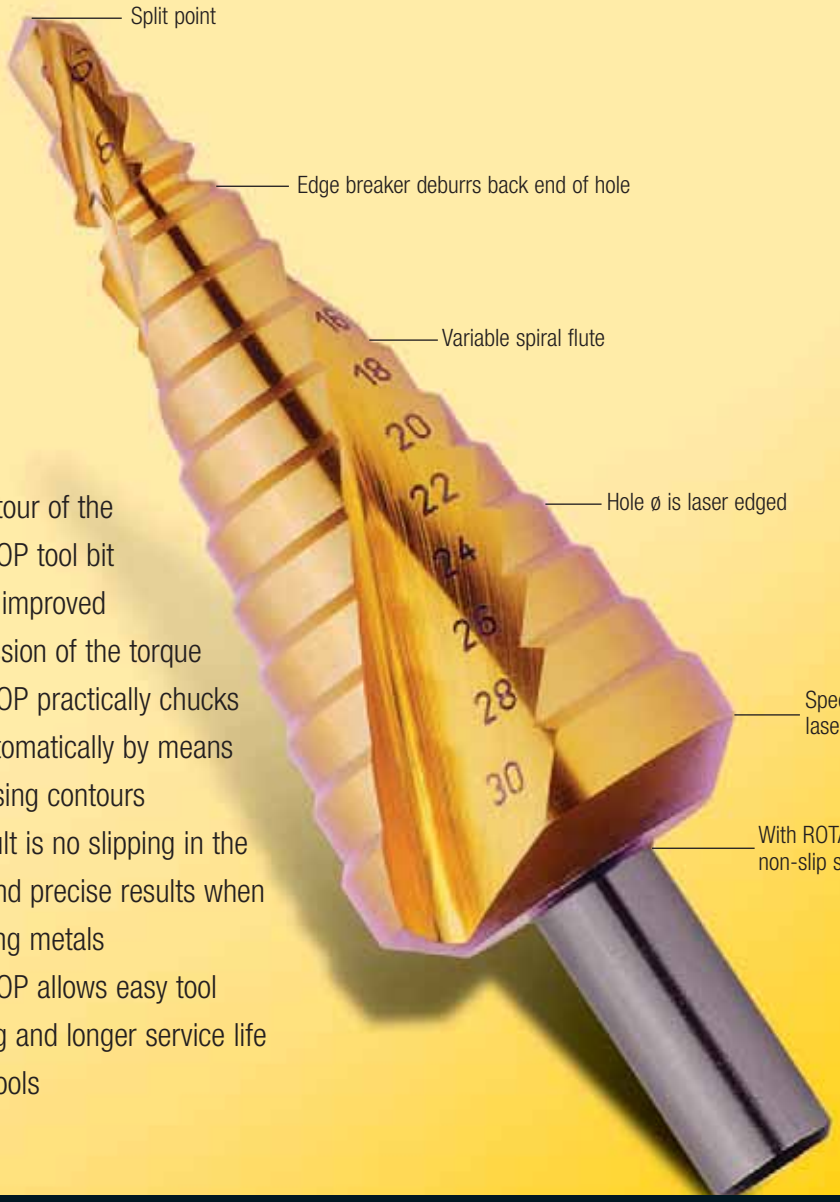
Titanium nitride coating Self starting split point drills and deburrs holes in one process

alpha by Sterling

measure standard	style	material
METRIC	SPIRAL FLUTE	HSS TITANIUM NITRIDE

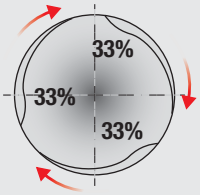
Drill Dia. mm	Code	No. of Steps	Drill Dia. mm	Pack qty
	SPIRAL FLUTE STEP DRILLS GOLD SERIES			
4-12	9STSFM4-12	9 steps	4-12	1
4-20	9STSFM4-20	9 steps	4-20	1
6-30	9STSFM6-30	13 steps	6-30	1
6-36	9STSFM6-36	13 steps	6-36	1
4-12, 4-20, 6-30	STPSETSF-3	3 Piece Spiral Flute Drill Set		1

SUPPLIED IN INDIVIDUAL SEALED PLASTIC TUBES



- The contour of the ROTASTOP tool bit ensures improved transmission of the torque
- ROTASTOP practically chucks itself automatically by means of the rising contours
- The result is no slipping in the chuck and precise results when machining metals
- ROTASTOP allows easy tool changing and longer service life for the tools

ROTASTOP SHANK



alpha by Sterling

SPOTWELDDRILLS HSS COBALT

For drilling out spot welded panels

SPOTWELDDRILLS HSS COBALT TITANIUM NITRIDE COATED

For drilling out spot welded panels

SPOTWELDDRILLS HSS COBALT EXTRA-LONG

For drilling out spot welded panels

SPOTWELDDRILLS HSS COBALT DURA COATED

Dura coating ideal for hi-tensile alloys

For drilling out spot welded panels

measure standard: METRIC | style: SPOT WELD | material: HIGH QUALITY HSS COBALT — alpha

Drill Dia. mm	Code	OAL mm	FL mm	Description	Box qty
	SPOT WELD DRILL BITS				
6.5	9S65	46	17	Cobalt	30
8	9S80	46	18	Cobalt	30
8	9L80	76	18	Cobalt	35
	SUPPLIED IN HANGABLE PLASTIC TUBE				

measure standard: METRIC | style: SPOT WELD | material: HSS COBALT - TITANIUM NITRIDE COATED — alpha

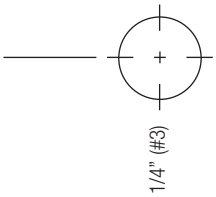
Drill Dia. mm	Code	OAL mm	FL mm	Description	Box qty
	SPOT WELD DRILL BITS				
8	9S80T	46	18	TiN Coating	30
8	9L80T	76	18	TiN Coating	35
8	9XL80T	117	20	TiN Coating	25
	SUPPLIED IN HANGABLE PLASTIC TUBE				

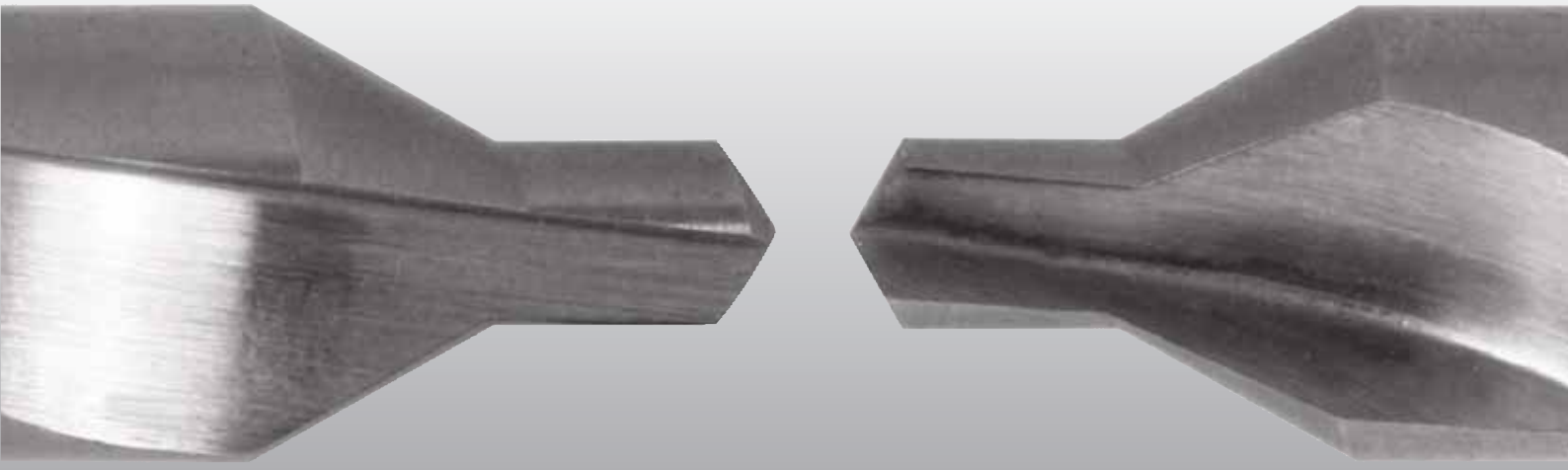
measure standard: METRIC | style: SPOT WELD | material: HSS COBALT - DURA COATED — alpha

Drill Dia. mm	Code	OAL mm	FL mm	Description	Box qty
	SPOT WELD DRILL BITS				
8	9S80DUR	46	18	Dura Coating	30
8	9L80DUR	76	18	Dura Coating	35
	SUPPLIED IN HANGABLE PLASTIC TUBE				

alpha by Sterling

Create accurate centre holes. Also for spotting or starting a precise hole





NEW PRODUCT

measure standard: IMPERIAL | style: CENTRE DRILLS | material: HSS

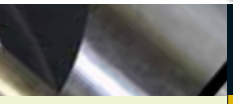
alpha

Size Inches	Code	Size number	OAL mm	Shank Dia. mm	Shank Length. mm	Box qty
ALPHA HSS CENTRE DRILLS						
1/8”	#1	9CD1-18	32	10	3.15	25
3/16”	#2	9CD2-316	47	12.7	4.70	25
1/4”	#3	9CD3-14	50	14.6	6.30	25
5/16”	#4	9CD4-516	53	16.7	7.90	25
7/16”	#5	9CD5-716	69	22.3	11	25
1/2”	#6	9CD6-12	75	25.3	12.70	25
5/8”	#7	9CD7-58	82	28.5	15.8	25
3/4”	#8	9CD8-34	88	31.7	19	25

alpha by Sterling

COUNTERSINK

MADE IN EUROPE



Suitable for countersinking non-ferrous metals

measure standard	style	material
METRIC	1 FLUTE 90° ANGLE	HSS - COBALT

alpha

Head Dia. mm	Head Dia. inches	Code	OAL mm	Shank Dia. mm	Capacity min-max	Pack qty
	1 FLUTE COUNTERSINK					
10	5/16	**CS1-10**	46	6	1 - 10	1
16	5/8	**CS1-16**	46.5	8	2 - 16	1
20	3/4	**CS1-20**	47	10	2 - 20	1
25	1	**CS1-25**	51	10	3 - 25	1
30	1-3/16	**CS1-30**	71	12	3 - 30	1

Suitable for countersinking all metals, plastics and wood

measure standard	style	material
METRIC	3 FLUTE 90° ANGLE	HSS - COBALT

alpha

Head Dia. mm	Head Dia. inches	Code	OAL mm	Shank Dia. mm	Capacity min-max	Pack qty
	3 FLUTE COUNTERSINK GOLD SERIES					
6.3	1/4	**CS3-6.3**	46	5	1 - 6.3	1
8.3	21/64	**CS3-8.3**	46	6	1 - 8.3	1
10.4	13/32	**CS3-10.4**	54	6	1 - 10.4	1
12.4	1/2	**CS3-12.4**	54	8	2 - 12.4	1
14.4	9/16	**CS3-14.4**	56	8	2 - 14.4	1
16.5	21/32	**CS3-16.5**	60	10	2 - 16.5	1
20.5	13/16	**CS3-20.5**	63	10	2 - 20.5	1
25	1	**CS3-25**	51	10	3 - 25	1
30	1-3/16	**CS3-30**	71	12	3 - 30	1
40	1-9/16	**CS3-40**	80	13	3 - 40	1
6.3-20		**CS3-SET6**	6 pce 3 Flute Countersink in metal case 6.3, 8, 10, 12, 16, 20mm			1

Suitable for countersinking ferrous metals, hard plastic and wood

measure standard	style	material
METRIC	5 FLUTE 90° ANGLE	COBALT

alpha

Head Dia. mm	Head Dia. inches	Code	OAL mm	Shank Dia. mm	Capacity min-max	Pack qty
	5 FLUTE COUNTERSINK					
8	5/16	**CS5-8**	35	5	20.5	1
12	1/2	**CS5-12**	39	6.35	20.5	1
16	5/8	**CS5-16**	52	8	32	1
20	3/4	**CS5-20**	58	10	35	1

COUNTERSINK / DEBURRER

alpha by Sterling

measure standard	style	material
METRIC	CROSS HOLE 90° ANGLE	HSS - COBALT

Dia. mm	Code	OAL mm	Shank Dia. mm	Capacity min-max	Pack qty
	CROSS HOLE 90º COUNTERSINK / DEBURRER				
10	**CSCH-10**	46	6	4 - 9	1
14	**CSCH-14**	46	8	6 - 13	1
21.5	**CSCH-21**	64.5	10	8 - 19	1
28	**CSCH-28**	80	12	10 - 24	1
35	**CSCH-35**	97	15	12 - 32	1
44	**CSCH-44**	115	15	16 - 40	1
10-21.5	**CSCH-SET3**	3 pce Cross Hole Countersink Set 10, 14, 21.5mm			1

Suitable for deburring all metals & plastics

measure standard	style	material
METRIC	COUNTERSINK SETS	HSS - COBALT

Dia. mm	Code	Description	Pack qty
	COUNTERSINK SETS - 3 FLUTE AND CROSSHOLE		
6.3-20	**CS3-SET6**	6 pce 3 Flute Countersink in metal case 6.3, 8, 10, 12, 16, 20mm	1
10-21.5	**CSCH-SET3**	Cross Hole Countersink / Deburrer Set 10, 14, 21.5mm	1

DRILL&COUNTERSINKMINICHUCK

measure standard	style	material
METRIC	1/4" HEX SHANK	TCT

Drill Dia. mm	Drill Dia. inches	Code	Countersink Dia. mm	Countersink Dia. inches	Pack qty
TCT COUNTERSINKS - TUNGSTEN CARBIDE COUNTERSINK WITH HSS DRILL BIT					
2.0	5/64	AS02004	9.5	3/8	1
2.4	3/32	AS02404	9.5	3/8	1
2.5		AS02504	9.5	3/8	1
2.8	7/64	AS02804	9.5	3/8	1
3.0		AS03004	9.5	3/8	1
3.2	1/8	AS03204	9.5	3/8	1
3.5		AS03504	9.5	3/8	1
3.6	9/64	AS03604	9.5	3/8	1
4.0	5/32	AS04004	12.7	1/2	1
4.8	3/16	AS04804	12.7	1/2	1
5.0		AS05004	12.7	1/2	1
6.0		AS06004	12.7	1/2	1

SUPPLIED ON INDIVIDUAL CARD

measure standard	style	material
METRIC	1/4" HEX SHANK	HSS

Drill Dia. mm	Drill Dia. inches	Code	Countersink Dia. mm	Countersink Dia. inches	Pack qty
HSS COUNTERSINKS - WITH HSS DRILL BIT					
2.4	3/32	HS02404	9.5	3/8	1
2.5		HS02504	9.5	3/8	1
2.8	7/64	HS02804	9.5	3/8	1
3.0		HS03004	9.5	3/8	1
3.2	1/8	HS03204	9.5	3/8	1
3.5		HS03504	9.5	3/8	1
3.6	9/64	HS03604	12.7	1/2	1
4.0	5/32	HS04004	12.7	1/2	1

SUPPLIED ON INDIVIDUAL CARD

UNIDREMASONRYHEXSHANK

For drilling wood, metal, plastic, brick, tiles, ceramics, plasterboard and aerated concrete, fits 1/4" bit holder

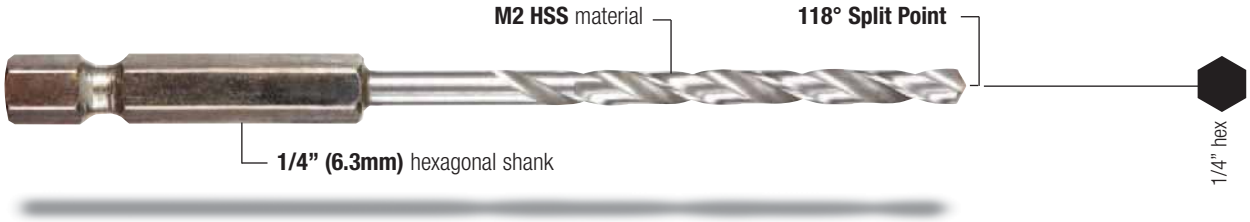
1/4" hex

measure standard: METRIC | style: 1/4" HEX SHANK | material: SHARPENED CARBIDE TIP

Dia. mm	Code	OAL mm	FL mm	Pack qty
	HEX SHANK MASONRY DRILL			
3.0	**UNIHEX030**	95	40	26
4.0	**UNIHEX040**	105	50	26
5.0	**UNIHEX050**	105	50	26
5.5	**UNIHEX055**	105	55	26
6.0	**UNIHEX060**	115	60	26
6.5	**UNIHEX065**	115	60	26
8.0	**UNIHEX080**	135	80	26

SUPPLIED IN HANGABLE PLASTIC TUBE

HEXSHANKDRILL



measure standard	style	material
METRIC	1/4" HEX SHANK	HSS

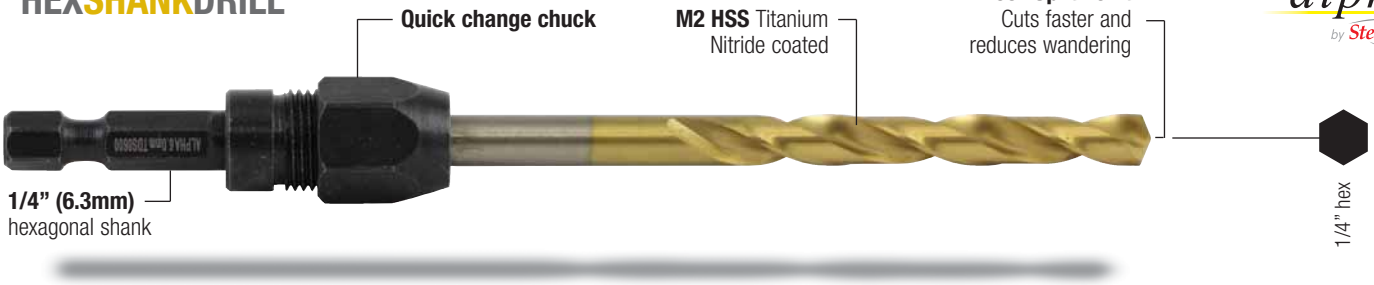
Drill Dia. mm	Drill Dia. inches	Code	OAL mm	FL mm	Pack qty
	QUICK CHANGE HSS DRILLS				
1.5	1/16	9QRM015	65	19	1
2.0	5/64	9QRM020	73	23	1
2.4	3/32	9QRM024	78	30	1
2.5	3/32	9QRM025	78	28	1
3.0	7/64	9QRM030	81	33	1
3.2	1/8	9QRM032	89	38	1
3.3	1/8	9QRM033	89	38	1
3.5	9/64	9QRM035	90	38	1
3.6	9/64	9QRM036	94	46	1
4.0	5/32	9QRM040	95	44	1
4.2	11/64	9QRM042	98	44	1
4.5	11/64	9QRM045	102	49	1
4.8	3/16	9QRM048	109	56	1
5.0	13/64	9QRM050	104	55	1
5.5	7/32	9QRM055	116	58	1
5.6	7/32	9QRM056	116	61	1
6.0	15/64	9QRM060	113	56	1
6.35	1/4	9QRM0635	123	68	1
6.5	1/4	9QRM065	124	65	1

SUPPLIED ON INDIVIDUAL CARD

measure standard	style	material
METRIC	1/4" HEX SHANK SETS	HSS

Drill Dia. mm	Code	Description	Pack qty
	15 PIECE HEX SHANK SET		
1-5 - 6.5mm	9QRM-SET15	15 pce Hex Shank Drill Set Contains 1.5 - 6.5mm + 1/4" Quick Release Bit holder & PH225S bit	1

HEXSHANKDRILL



measure standard	style	material
METRIC	1/4" HEX SHANK	HSS

Drill Dia. mm	Drill Dia. inches	Code	Pack qty
	1/4" HEX DRILL ADAPTOR - WITH HSS DRILL BIT		
1.0	1/32	TDS0100	1
1.6	1/16	TDS0160	1
2.0	5/64	TDS0200	1
2.4	3/32	TDS0240	1
2.8	7/64	TDS0280	1
3.0		TDS0300	1
3.2	1/8	TDS0320	1
3.5		TDS0350	1
3.6	9/64	TDS0360	1
4.0	5/32	TDS0400	1
4.4	11/64	TDS0440	1
4.8	3/16	TDS0480	1
5.0		TDS0500	1
5.2	13/64	TDS0520	1
5.6	7/32	TDS0560	1
6.0	15/64	TDS0600	1
6.35	1/4	TDS0630	1
7.0	9/32	TDS0700	1
8.0	5/16	TDS0800	1
9.5	3/8	TDS0950	1

SUPPLIED ON INDIVIDUAL CARD

measure standard	style	material
IMPERIAL	1/4" HEX SHANK	HSS

Drill Dia. Inches	Drill Dia. mm	Code	Chuck Range Inches	Pack qty
	1/4" HEX DRILL ADAPTOR - WITH HSS DRILL BIT			
1/8	3.2	TDS18	1/8	1
5/32	4.0	TDS532	5/32	1
3/16	4.76	TDS316	3/16	1
1/4	6.35	TDS14	1/4	1
3/8	9.525	TDS38	3/8	1

SUPPLIED ON INDIVIDUAL CARD

THEHOLEA

GOLD SERIES GIVING YOU THE WHOLE SOLUTION!

DVANTAGE

alpha™

PAGE

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55 **CARBON TAPS & DIES – CARDED**

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61 **HSS TAPS – CARDED**

62 **HSSE MACHINE TAPS**

67 **TAP & DIE WRENCHES**

Cut and renew internal threads to exacting standards

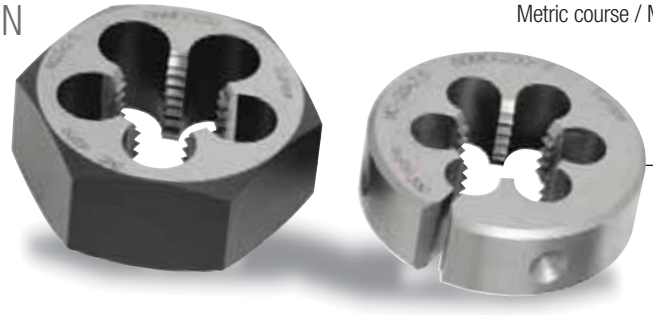
measure standard: METRIC | style: COARSE | material: CARBON | alpha

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - METRIC COARSE - CARBON							
2	0.4	41	1.6	MCCT020	MCCI020	MCCB020	**MCCS020**
3	0.5	48	2.5	MCCT030	MCCI030	MCCB030	**MCCS030**
4	0.7	53	3.3	MCCT040	MCCI040	MCCB040	**MCCS040**
5	0.8	58	4.2	MCCT050	MCCI050	MCCB050	**MCCS050**
6	1	66	5.0	MCCT060	MCCI060	MCCB060	**MCCS060**
7	1	66	6.0	MCCT070	MCCI070	MCCB070	**MCCS070**
8	1.25	72	6.8	MCCT080	MCCI080	MCCB080	**MCCS080**
9	1.25	72	7.8	MCCT090	MCCI090	MCCB090	**MCCS090**
10	1.5	80	8.5	MCCT100	MCCI100	MCCB100	**MCCS100**
11	1.5	85	9.5	MCCT110	MCCI110	MCCB110	**MCCS110**
12	1.75	89	10.2	MCCT120	MCCI120	MCCB120	**MCCS120**
14	2	95	12.0	MCCT140	MCCI140	MCCB140	**MCCS140**
16	2	102	14.0	MCCT160	MCCI160	MCCB160	**MCCS160**
18	2.5	112	15.5	MCCT180	MCCI180	MCCB180	**MCCS180**
20	2.5	112	17.0	MCCT200	MCCI200	MCCB200	**MCCS200**
22	2.5	118	19.5	MCCT220	MCCI220	MCCB220	**MCCS220**
24	3	130	21.0	MCCT240	MCCI240	MCCB240	**MCCS240**
27	3	135	24.0	MCCT270	MCCI270	MCCB270	**MCCS270**
30	3.5	138	26.5	MCCT300	MCCI300	MCCB300	**MCCS300**
33	3.5	151	29.5	MCCT330	MCCI330	MCCB330	**MCCS330**
36	4	162	32.0	MCCT360	MCCI360	MCCB360	**MCCS360**

measure standard: METRIC | style: FINE | material: CARBON | alpha

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - METRIC FINE - CARBON							
8	1	72	7.0	MFCT080100	MFCI080100	MFCB080100	**MFCS080100**
10	1	80	9.0	MFCT100100	MFCI100100	MFCB100100	**MFCS100100**
10	1.25	80	8.8	MFCT100125	MFCI100125	MFCB100125	**MFCS100125**
12	1.25	89	10.8	MFCT120125	MFCI120125	MFCB120125	**MFCS120125**
12	1.5	89	10.5	MFCT120150	MFCI120150	MFCB120150	**MFCS120150**
14	1.25	95	12.8	MFCT140125	MFCI140125	MFCB140125	**MFCS140125**
14	1.5	95	12.5	MFCT140150	MFCI140150	MFCB140150	**MFCS140150**
16	1.5	102	14.5	MFCT160150	MFCI160150	MFCB160150	**MFCS160150**
18	1.5	112	16.5	MFCT180150	MFCI180150	MFCB180150	**MFCS180150**
20	1.5	112	18.5	MFCT200150	MFCI200150	MFCB200150	**MFCS200150**
22	1.5	118	20.5	MFCT220150	MFCI220150	MFCB220150	**MFCS220150**
24	2	130	22.0	MFCT240200	MFCI240200	MFCB240200	**MFCS240200**
25	1.5	130	23.5	MFCT250150	MFCI250150	MFCB250150	**MFCS250150**
32	1.5	151	30.0	MFCT320150	MFCI320150	MFCB320150	**MFCS320150**

Metric course / Metric fine – Carbon – ISO 529



measure standard: METRIC | style: COARSE | material: CARBON | alpha

Thread Dia. mm	Pitch mm	1" OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - METRIC COARSE - CARBON					
2	0.4	BDMCC020-1	-	-	-
3	0.5	BDMCC030-1	-	-	-
4	0.7	BDMCC040-1	BDMCC040-1.5	-	-
5	0.8	BDMCC050-1	BDMCC050-1.5	-	**DNMCC050**
6	1	BDMCC060-1	BDMCC060-1.5	-	**DNMCC060**
7	1	BDMCC070-1	BDMCC070-1.5	-	**DNMCC070**
8	1.25	BDMCC080-1	BDMCC080-1.5	-	**DNMCC080**
9	1.25	BDMCC090-1	BDMCC090-1.5	-	**DNMCC090**
10	1.5	BDMCC100-1	BDMCC100-1.5	BDMCC100-2	**DNMCC100**
11	1.5	BDMCC110-1	BDMCC110-1.5	-	-
12	1.75	BDMCC120-1	BDMCC120-1.5	BDMCC120-2	**DNMCC120**
14	2	-	BDMCC140-1.5	BDMCC140-2	**DNMCC140**
16	2	-	BDMCC160-1.5	BDMCC160-2	**DNMCC160**
18	2.5	-	-	BDMCC180-2	**DNMCC180**
20	2.5	-	-	BDMCC200-2	**DNMCC200**
22	2.5	-	-	BDMCC220-2	**DNMCC220**
24	3	-	-	BDMCC240-2	**DNMCC240**
27	3	-	-	-	**DNMCC270**
30	3.5	-	-	-	**DNMCC300**
33	3.5	-	-	-	**DNMCC330**
36	4	-	-	-	**DNMCC360**

Cut and renew external threads to exacting standards

measure standard: METRIC | style: FINE | material: CARBON | alpha

Thread Dia. mm	Pitch mm	1-1/2" OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - METRIC FINE - CARBON					
8	1	BDMFC080-1	BDMFC080-1.5	-	**DNMFC080**
10	1	BDMFC100100-1	BDMFC100100-1.5	-	**DNMFC100100**
10	1.25	BDMFC100125-1	BDMFC100125-1.5	-	**DNMFC100125**
12	1.25	BDMFC120125-1	BDMFC120125-1.5	BDMFC120125-2	**DNMFC120125**
12	1.5	BDMFC120150-1	BDMFC120150-1.5	BDMFC120150-2	**DNMFC120150**
14	1.25	-	BDMFC140125-1.5	BDMFC140125-2	-
14	1.5	-	BDMFC140150-1.5	BDMFC140150-2	**DNMFC140150**
16	1.5	-	-	BDMFC160-2	**DNMFC160**
18	1.5	-	-	BDMFC180-2	**DNMFC180**
20	1.5	-	-	BDMFC200-2	**DNMFC200**
22	1.5	-	-	BDMFC220-2	**DNMFC220**
24	2	-	-	BDMFC240-2	**DNMFC240**
25	1.5	-	-	BDMFC250-2	**DNMFC250**

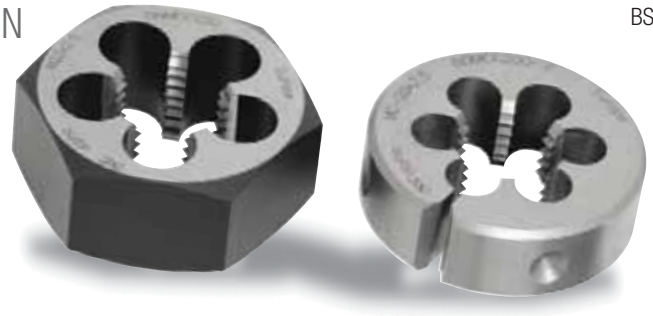
measure standard: BSW | style: COARSE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - BSW - CARBON							
1/8	40	48	2.5	BSWCT18	BSWCI18	BSWCB18	**BSWCS18**
5/32	32	53	3.2	BSWCT532	BSWCI532	BSWCB532	**BSWCS532**
3/16	24	58	3.7	BSWCT316	BSWCI316	BSWCB316	**BSWCS316**
1/4	20	66	5.1	BSWCT14	BSWCI14	BSWCB14	**BSWCS14**
5/16	18	72	6.5	BSWCT516	BSWCI516	BSWCB516	**BSWCS516**
3/8	16	80	7.9	BSWCT38	BSWCI38	BSWCB38	**BSWCS38**
7/16	14	85	9.3	BSWCT716	BSWCI716	BSWCB716	**BSWCS716**
1/2	12	89	10.5	BSWCT12	BSWCI12	BSWCB12	**BSWCS12**
9/16	12	95	12.1	BSWCT916	BSWCI916	BSWCB916	**BSWCS916**
5/8	11	102	13.5	BSWCT58	BSWCI58	BSWCB58	**BSWCS58**
3/4	10	112	16.0	BSWCT34	BSWCI34	BSWCB34	**BSWCS34**
7/8	9	118	19.0	BSWCT78	BSWCI78	BSWCB78	**BSWCS78**
1"	8	130	22.0	BSWCT1	BSWCI1	BSWCB1	**BSWCS1**
1"1/8	7	138	25.0	BSWCT1-18	BSWCI1-18	BSWCB1-18	**BSWCS1-18**
1"1/4	7	151	28.0	BSWCT1-14	BSWCI1-14	BSWCB1-14	**BSWCS1-14**
1"3/8	6	162	30.0	BSWCT1-38	BSWCI1-38	BSWCB1-38	**BSWCS1-38**
1"1/2	6	170	33.5	BSWCT1-12	BSWCI1-12	BSWCB1-12	**BSWCS1-12**

Cut and renew internal threads to exacting standards

measure standard: BSF | style: COARSE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - BSF - CARBON							
3/16	32	58	4.0	BSFCT316	BSFCI316	BSFCB316	**BSFCS316**
1/4	26	66	5.3	BSFCT14	BSFCI14	BSFCB14	**BSFCS14**
5/16	22	72	6.8	BSFCT516	BSFCI516	BSFCB516	**BSFCS516**
3/8	20	80	8.3	BSFCT38	BSFCI38	BSFCB38	**BSFCS38**
7/16	18	85	9.7	BSFCT716	BSFCI716	BSFCB716	**BSFCS716**
1/2	16	89	11.1	BSFCT12	BSFCI12	BSFCB12	**BSFCS12**
9/16	16	95	12.7	BSFCT916	BSFCI916	BSFCB916	**BSFCS916**
5/8	14	102	14.0	BSFCT58	BSFCI58	BSFCB58	**BSFCS58**
3/4	12	112	16.5	BSFCT34	BSFCI34	BSFCB34	**BSFCS34**
7/8	11	118	19.5	BSFCT78	BSFCI78	BSFCB78	**BSFCS78**
1"	10	130	22.5	BSFCT1	BSFCI1	BSFCB1	**BSFCS1**



alpha by Sterling

measure standard: BSW | style: COARSE | material: CARBON | alpha

Thread Dia. In.	TPI	1" OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - BSW - CARBON					
1/8	40	BDBSWC18-1	-	-	**DNBSWC18**
5/32	32	BDBSWC532-1	-	-	**DNBSWC532**
3/16	24	BDBSWC316-1	BDBSWC316-1.5	-	**DNBSWC316**
1/4	20	BDBSWC14-1	BDBSWC14-1.5	-	**DNBSWC14**
5/16	18	BDBSWC516-1	BDBSWC516-1.5	-	**DNBSWC516**
3/8	16	BDBSWC38-1	BDBSWC38-1.5	-	**DNBSWC38**
7/16	14	BDBSWC716-1	BDBSWC716-1.5	-	**DNBSWC716**
1/2	12	BDBSWC12-1	BDBSWC12-1.5	BDBSWC12-2	**DNBSWC12**
9/16	12	-	BDBSWC916-1.5	BDBSWC916-2	**DNBSWC916**
5/16	11	-	BDBSWC58-1.5	BDBSWC58-2	**DNBSWC58**
3/4	10	-	-	BDBSWC34-2	**DNBSWC34**
7/8	9	-	-	BDBSWC78-2	**DNBSWC78**
1"	8	-	-	BDBSWC1-2	**DNBSWC1**
1"1/8	7	-	-	-	**DNBSWC1-18**
1"1/4	7	-	-	-	**DNBSWC1-14**
1"3/8	6	-	-	-	**DNBSWC1-12**
1"1/2	6	-	-	-	**DNBSWC1-34**
2"	4.5	-	-	-	**DNBSWC2**

Cut and renew external threads to exacting standards

measure standard: BSF | style: COARSE | material: CARBON | alpha

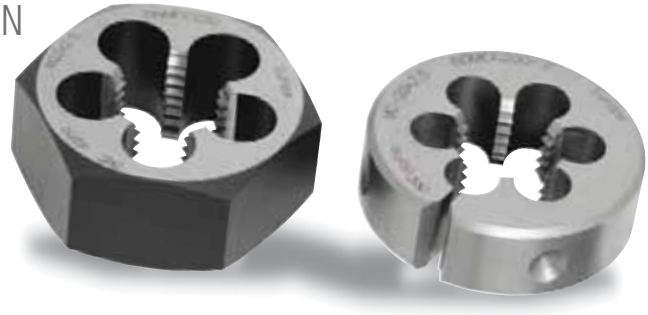
Thread Dia. In.	TPI	1" OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - BSF - CARBON					
3/16	32	BDBSFC316-1	-	-	**DNBSFC316**
1/4	26	BDBSFC14-1	BDBSFC14-1.5	-	**DNBSFC14**
5/16	22	BDBSFC516-1	BDBSFC516-1.5	-	**DNBSFC516**
3/8	20	BDBSFC38-1	BDBSFC38-1.5	-	**DNBSFC38**
7/16	18	BDBSFC716-1	BDBSFC716-1.5	-	**DNBSFC716**
1/2	16	-	BDBSFC12-1.5	BDBSFC12-2	**DNBSFC12**
9/16	16	-	-	BDBSFC916-2	**DNBSFC916**
5/8	14	-	-	BDBSFC58-2	**DNBSFC58**
3/4	12	-	-	BDBSFC34-2	**DNBSFC34**
7/8	11	-	-	BDBSFC78-2	**DNBSFC78**
1"	10	-	-	BDBSFC1-2	**DNBSFC1**

UNC – ISO 529

measure standard: UNC | style: COARSE | material: CARBON | alpha

Cut and renew internal threads to exacting standards

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - UNC - CARBON							
5G	40	48	2.6	UNCCT5G	UNCCI5G	UNCCB5G	**UNCCS5G**
6G	32	50	2.8	UNCCT6G	UNCCI6G	UNCCB6G	**UNCCS6G**
8G	32	53	3.5	UNCCT8G	UNCCI8G	UNCCB8G	**UNCCS8G**
10G	24	58	3.9	UNCCT10G	UNCCI10G	UNCCB10G	**UNCCS10G**
12G	24	62	4.5	UNCCT12G	UNCCI12G	UNCCB12G	**UNCCS12G**
3/16	24(UNS)	58	3.7	UNCCT316	UNCCI316	UNCCB316	**UNCCS316**
1/4	20	66	5.1	UNCCT14	UNCCI14	UNCCB14	**UNCCS14**
5/16	18	72	6.6	UNCCT516	UNCCI516	UNCCB516	**UNCCS516**
3/8	16	80	8.0	UNCCT38	UNCCI38	UNCCB38	**UNCCS38**
7/16	14	85	9.4	UNCCT716	UNCCI716	UNCCB716	**UNCCS716**
1/2	13	89	10.8	UNCCT12	UNCCI12	UNCCB12	**UNCCS12**
9/16	12	95	12.2	UNCCT916	UNCCI916	UNCCB916	**UNCCS916**
5/8	11	102	13.5	UNCCT58	UNCCI58	UNCCB58	**UNCCS58**
3/4	10	112	16.5	UNCCT34	UNCCI34	UNCCB34	**UNCCS34**
7/8	9	118	19.5	UNCCT78	UNCCI78	UNCCB78	**UNCCS78**
1"	8	130	22.0	UNCCT1	UNCCI1	UNCCB1	**UNCCS1**
1"1/8	7	138	25.0	UNCCT1-18	UNCCI1-18	UNCCB1-18	**UNCCS1-18**
1"1/4	7	151	28.0	UNCCT1-14	UNCCI1-14	UNCCB1-14	**UNCCS1-14**



UNC – Carbon – ISO 529

alpha by Sterling

measure standard: UNC | style: COARSE | material: CARBON

alpha

Thread Dia. In.	TPI	1" OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - UNC - CARBON					
5G	40	BDUNCC5G-1	-	-	-
6G	32	BDUNCC6G-1	-	-	-
8G	32	BDUNCC8G-1	-	-	-
10G	24	BDUNCC10G-1	-	-	-
12G	24	BDUNCC12G-1	-	-	-
3/16	24(UNS)	BDUNCC316-1	-	-	-
1/4	20	BDUNCC14-1	BDUNCC14-1.5	-	**DNUNCC14**
5/16	18	BDUNCC516-1	BDUNCC516-1.5	-	**DNUNCC516**
3/8	16	BDUNCC38-1	BDUNCC38-1.5	-	**DNUNCC38**
7/16	14	BDUNCC716-1	BDUNCC716-1.5	-	**DNUNCC716**
1/2	13	BDUNCC12-1	BDUNCC12-1.5	BDUNCC12-2	**DNUNCC12**
9/16	12	-	BDUNCC916-1.5	BDUNCC916-2	**DNUNCC916**
5/8	11	-	BDUNCC58-1.5	BDUNCC58-2	**DNUNCC58**
3/4	10	-	-	BDUNCC34-2	**DNUNCC34**
7/8	9	-	-	BDUNCC78-2	**DNUNCC78**
1"	8	-	-	BDUNCC1-2	**DNUNCC1**
1"1/8	7	-	-	-	**DNUNCC1-18**
1"1/4	7	-	-	-	**DNUNCC1-14**
1"3/8	6	-	-	-	**DNUNCC1-38**
1"1/2	6	-	-	-	**DNUNCC1-12**
1"3/4	5	-	-	-	**DNUNCC1-34**
2"	4.5	-	-	-	**DNUNCC2**

Cut and renew external threads to exacting standards

Cut and renew internal threads to exacting standards

measure standard: UNF | style: FINE | material: CARBON | alpha

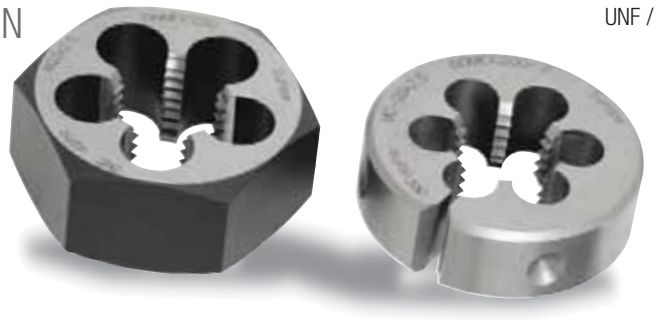
Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - UNF - CARBON							
5G	44	48	2.7	UNFCT5G	UNFCI5G	UNFCB5G	**UNFCS5G**
6G	40	50	2.9	UNFCT6G	UNFCI6G	UNFCB6G	**UNFCS6G**
8G	36	53	3.5	UNFCT8G	UNFCI8G	UNFCB8G	**UNFCS8G**
10G	32	58	4.1	UNFCT10G	UNFCI10G	UNFCB10G	**UNFCS10G**
12G	28	62	4.7	UNFCT12G	UNFCI12G	UNFCB12G	**UNFCS12G**
3/16	32(UNS)	58	4.1	UNFCT316	UNFCI316	UNFCB316	**UNFCS316**
1/4	28	66	5.5	UNFCT14	UNFCI14	UNFCB14	**UNFCS14**
5/16	24	72	6.9	UNFCT516	UNFCI516	UNFCB516	**UNFCS516**
3/8	24	80	8.5	UNFCT38	UNFCI38	UNFCB38	**UNFCS38**
7/16	20	85	9.9	UNFCT716	UNFCI716	UNFCB716	**UNFCS716**
1/2	20	89	11.5	UNFCT12	UNFCI12	UNFCB12	**UNFCS12**
9/16	18	95	12.9	UNFCT916	UNFCI916	UNFCB916	**UNFCS916**
5/8	18	102	14.5	UNFCT58	UNFCI58	UNFCB58	**UNFCS58**
3/4	16	112	17.5	UNFCT34	UNFCI34	UNFCB34	**UNFCS34**
7/8	14	118	20.5	UNFCT78	UNFCI78	UNFCB78	**UNFCS78**
1"	12	130	23.0	UNFCT1X12	UNFCI1X12	UNFCB1X12	**UNFCS1X12**
1"	14	130	23.0	UNFCT1X14	UNFCI1X14	UNFCB1X14	**UNFCS1X14**
1"1/8	12	138	26.5	UNFCT1-18	UNFCI1-18	UNFCB1-18	**UNFCS1-18**
1"1/4	12	151	29.5	UNFCT1-14	UNFCI1-14	UNFCB1-14	**UNFCS1-14**

measure standard: BSPF | style: FINE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - BSPF - CARBON							
1/8	28	59	8.8	BSPFCT18	BSPFCI18	BSPFCB18	**BSPFCS18**
1/4	19	67	11.8	BSPFCT14	BSPFCI14	BSPFCB14	**BSPFCS14**
3/8	19	75	15.0	BSPFCT38	BSPFCI38	BSPFCB38	**BSPFCS38**
1/2	14	87	19.0	BSPFCT12	BSPFCI12	BSPFCB12	**BSPFCS12**
5/8	14	91	21.0	BSPFCT58	BSPFCI58	BSPFCB58	**BSPFCS58**
3/4	14	96	24.5	BSPFCT34	BSPFCI34	BSPFCB34	**BSPFCS34**
7/8	14	102	20.5	BSPFCT78	BSPFCI78	BSPFCB34	**BSPFCS78**
1"	11	109	30.5	BSPFCT1	BSPFCI1	BSPFCB1	**BSPFCS1**
1"1/4	11	119	39.5	BSPFCT1-14	BSPFCI1-14	BSPFCB1-14	**BSPFCS1-14**
1"1/2	11	125	45.0	BSPFCT1-12	BSPFCI1-12	BSPFCB1-12	**BSPFCS1-12**
2"	11	140	57.0	BSPFCT2	BSPFCI2	BSPFCB2	**BSPFCS2**

measure standard: NPSF | style: FINE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - NPSF - CARBON							
1/8	27	80	8.7	-	-	NPSFCB18	-
1/4	18	95	11.2	-	-	NPSFCB14	-
3/8	18	112	15.0	-	-	NPSFCB38	-
1/2	14	118	18.5	-	-	NPSFCB12	-



measure standard: UNF | style: FINE | material: CARBON

Thread Dia. In.	TPI	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - UNF - CARBON					
5G	44	BDUNFC5G-1	-	-	-
6G	40	BDUNFC6G-1	-	-	-
8G	36	BDUNFC8G-1	-	-	-
10G	32	BDUNFC10G-1	-	-	-
12G	28	BDUNFC12G-1	-	-	-
3/16	32(UNS)	BDUNFC316-1	-	-	**DNUNFC316**
1/4	28	BDUNFC14-1	BDUNFC14-1.5	-	**DNUNFC14**
5/16	24	BDUNFC516-1	BDUNFC516-1.5	-	**DNUNFC516**
3/8	24	BDUNFC38-1	BDUNFC38-1.5	-	**DNUNFC38**
7/16	20	BDUNFC716-1	BDUNFC716-1.5	-	**DNUNFC716**
1/2	20	BDUNFC12-1	BDUNFC12-1.5	BDUNFC12-2	**DNUNFC12**
9/16	18	-	BDUNFC916-1.5	BDUNFC916-2	**DNUNFC916**
5/8	18	-	BDUNFC58-1.5	BDUNFC58-2	**DNUNFC58**
3/4	16	-	-	BDUNFC34-2	**DNUNFC34**
7/8	14	-	-	BDUNFC78-2	**DNUNFC78**
1"	12	-	-	BDUNFC1X12-2	**DNUNFC1X12**
1"	14	-	-	BDUNFC1X14-2	**DNUNFC1X14**
1"1/8	12	-	-	-	**DNUNFC1-18**
1"1/4	12	-	-	-	**DNUNFC1-14**

Cut and renew external threads to exacting standards

measure standard: BSPF | style: FINE | material: CARBON

Thread Dia. In.	TPI	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - BSPF - CARBON					
1/8	28	-	-	BDBSPFC18-2	**DNBSPFC18**
1/4	19	-	-	BDBSPFC14-2	**DNBSPFC14**
3/8	19	-	-	BDBSPFC38-2	**DNBSPFC38**
1/2	14	-	-	BDBSPFC12-2	**DNBSPFC12**
5/8	14	-	-	BDBSPFC58-2	**DNBSPFC58**
3/4	14	-	-	BDBSPFC34-2	**DNBSPFC34**
7/8	14	-	-	BDBSPFC78-2	**DNBSPFC78**
1"	11	-	-	BDBSPFC1-2	**DNBSPFC1**
1"1/4	11	-	-	-	-
1"1/2	11	-	-	-	-
2"	11	-	-	-	-

BSPT / NPT – ISO 529 / ANSI B94-9

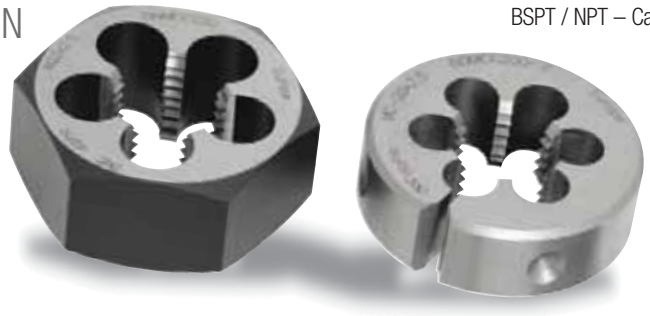
Cut and renew internal threads to exacting standards

measure standard: BSPT | style: PIPE TAPER | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - BSPT - CARBON							
1/8	28	59	8.4	-	-	BSPTCB18	-
1/4	19	67	11.2	-	-	BSPTCB14	-
3/8	19	75	14.5	-	-	BSPTCB38	-
1/2	14	87	18.0	-	-	BSPTCB12	-
3/4	14	96	23.5	-	-	BSPTCB34	-
1"	11	109	30.0	-	-	BSPTCB1	-
1"1/4	11	119	38.5	-	-	BSPTCB1-14	-
1"1/2	11	125	44.5	-	-	BSPTCB1-12	-
2"	11	140	56.0	-	-	BSPTCB2	-

measure standard: NPT | style: PIPE TAPER | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Set Code
TAP - NPT - CARBON							
1/8	27	54	8.7	-	-	NPTCB18	-
1/4	18	62	11.1	-	-	NPTCB14	-
3/8	18	65	14.5	-	-	NPTCB38	-
1/2	14	79	18.0	-	-	NPTCB12	-
3/4	14	82	23.0	-	-	NPTCB34	-
1"	11.5	95	29.0	-	-	NPTCB1	-
1"1/4	11.5	102	38.0	-	-	NPTCB1-14	-
1"1/2	11.5	108	44.0	-	-	NPTCB1-12	-
2"	11.5	114	56.0	-	-	NPTCB2	-



alpha by Sterling

measure standard: BSPT | style: PIPE TAPER | material: CARBON

alpha

Thread Dia. In.	TPI	1"OD Code	1-1/2" Od Code	2" Od Code	Nut Code
DIE - BSPT - CARBON					
1/8	28	-	-	BDBSPTC18-2	**DNBSPTC18**
1/4	19	-	-	BDBSPTC14-2	**DNBSPTC14**
3/8	19	-	-	BDBSPTC38-2	**DNBSPTC38**
1/2	14	-	-	BDBSPTC12-2	**DNBSPTC12**
3/4	14	-	-	BDBSPTC34-2	**DNBSPTC34**
1"	11	-	-	-	**DNBSPTC1**
		-	-	-	-
		-	-	-	-
		-	-	-	-

Cut and renew external threads to exacting standards

measure standard: NPT | style: PIPE TAPER | material: CARBON

alpha

Thread Dia. In	TPI	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
DIE - NPT - CARBON					
1/8	27	-	-	BDNPTC18-2	-
1/4	18	-	-	BDNPTC14-2	-
3/8	18	-	-	BDNPTC38-2	-
1/2	14	-	-	BDNPTC12-2	-
3/4	14	-	-	BDNPTC34-2	-
1"	11.5	-	-	-	-
1"1/4	11.5	-	-	-	-
1"1/2	11.5	-	-	-	-
2"	11.5	-	-	-	-

Carbon – Carded – ISO 529

measure standard: METRIC | style: COARSE | material: CARBON | alpha

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - METRIC COARSE - CARBON						
3	0.5	48	2.5	CMCCT030	CMCCI030	CMCCB030
4	0.7	53	3.3	CMCCT040	CMCCI040	CMCCB040
5	0.8	58	4.2	CMCCT050	CMCCI050	CMCCB050
6	1	66	5.0	CMCCT060	CMCCI060	CMCCB060
7	1	66	6.0	CMCCT070	CMCCI070	CMCCB070
8	1.25	72	6.8	CMCCT080	CMCCI080	CMCCB080
10	1.5	80	8.5	CMCCT100	CMCCI100	CMCCB100
12	1.75	89	10.2	CMCCT120	CMCCI120	CMCCB120

measure standard: UNC | style: COARSE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - UNC - CARBON						
1/4	20	66	5.1	CUNCCT14	CUNCCI14	CUNCCB14
1/4	20	72	6.6	CUNCCT516	CUNCCI516	CUNCCB516
3/8	16	80	8.0	CUNCCT38	CUNCCI38	CUNCCB38
7/16	14	85	9.4	CUNCCT716	CUNCCI716	CUNCCB716
1/2	13	89	10.8	CUNCCT12	CUNCCI12	CUNCCB12

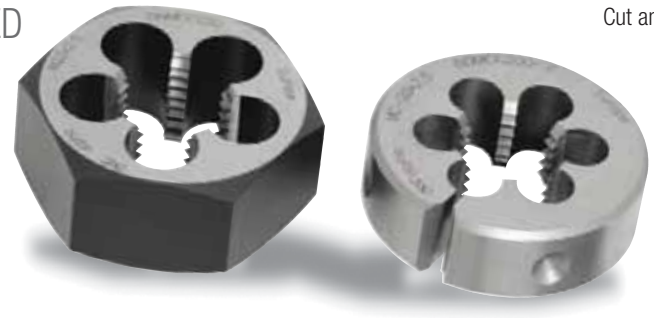
measure standard: UNF | style: FINE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - UNF - CARBON						
1/4	28	66	5.5	CUNFCT14	CUNFCI14	CUNFCB14
5/16	24	72	6.9	CUNFCT516	CUNFCI516	CUNFCB516
3/8	24	80	8.5	CUNFCT38	CUNFCI38	CUNFCB38
7/16	20	85	9.9	CUNFCT716	CUNFCI716	CUNFCB716
1/2	20	89	11.5	CUNFCT12	CUNFCI12	CUNFCB12

measure standard: BSW | style: COARSE | material: CARBON | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - BSW - CARBON						
1/8	40	48	2.5	CBSWCT18	CBSWCI18	CBSWCB18
5/32	32	53	3.2	CBSWCT532	CBSWCI532	CBSWCB532
3/16	24	58	3.7	CBSWCT316	CBSWCI316	CBSWCB316
1/4	20	66	5.1	CBSWCT14	CBSWCI14	CBSWCB14
5/16	18	72	6.5	CBSWCT516	CBSWCI516	CBSWCB516
3/8	16	80	7.9	CBSWCT38	CBSWCI38	CBSWCB38
7/16	14	85	9.3	CBSWCT716	CBSWCI716	CBSWCB716
1/2	12	89	10.5	CBSWCT12	CBSWCI12	CBSWCB12

TAPS&DIESCARDED



Cut and renew internal and external threads to exacting standards – ISO 529

alpha by Sterling

measure standard		style		material	
METRIC		COARSE		CARBON	alpha
Dia. mm	Pitch mm	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
CARDED DIES - METRIC COARSE - CARBON					
3	0.5	CBDMCC030-1	-	-	-
4	0.7	CBDMCC040-1	CBDMCC040-1.5	-	-
5	0.8	CBDMCC050-1	CBDMCC050-1.5	-	CDNMCC050
6	1	CBDMCC060-1	CBDMCC060-1.5	-	CDNMCC060
7	1	CBDMCC070-1	CBDMCC070-1.5	-	CDNMCC070
8	1.25	CBDMCC080-1	CBDMCC080-1.5	-	CDNMCC080
10	1.5	CBDMCC100-1	CBDMCC100-1.5	-	CDNMCC100
12	1.75	CBDMCC120-1	CBDMCC120-1.5	-	CDNMCC120

measure standard		style		material	
UNC		COARSE		CARBON	alpha
Thread Dia. In.	TPI	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
CARDED DIES - UNF - CARBON					
1/4	20	CBDUNCC14-1	CBDUNCC14-1.5	-	CDNUNCC14
1/4	20	CBDUNCC516-1	CBDUNCC516-1.5	-	CDNUNCC516
3/8	16	CBDUNCC38-1	CBDUNCC38-1.5	-	CDNUNCC38
7/16	14	CBDUNCC716-1	CBDUNCC716-1.5	-	CDNUNCC716
1/2	13	CBDUNCC12-1	CBDUNCC12-1.5	CBDUNCC12-2	CDNUNCC12

measure standard		style		material	
UNF		FINE		CARBON	alpha
Thread Dia. In.	TPI	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
CARDED DIES - UNF - CARBON					
1/4	28	CBDUNFC14-1	CBDUNFC14-1.5	-	CDNUNFC14
5/16	24	CBDUNFC516-1	CBDUNFC516-1.5	-	CDNUNFC516
3/8	24	CBDUNFC38-1	CBDUNFC38-1.5	-	CDNUNFC38
7/16	20	CBDUNFC716-1	CBDUNFC716-1.5	-	CDNUNFC716
1/2	20	CBDUNFC12-1	CBDUNFC12-1.5	-	CDNUNFC12

measure standard		style		material	
BSW		COARSE		CARBON	alpha
Thread Dia. In.	TPI	1"OD Code	1-1/2" OD Code	2" OD Code	Nut Code
CARDED DIES - BSW - CARBON					
1/8	40	CBDBSWC18-1	-	-	CDNBSWC18
5/32	32	CBDBSWC532-1	-	-	CDNBSWC532
3/16	24	CBDBSWC316-1	CBDBSWC316-1.5	-	CDNBSWC316
1/4	20	CBDBSWC14-1	CBDBSWC14-1.5	-	CDNBSWC14
5/16	18	CBDBSWC516-1	CBDBSWC516-1.5	-	CDNBSWC516
3/8	16	CBDBSWC38-1	CBDBSWC38-1.5	-	CDNBSWC38
7/16	14	CBDBSWC716-1	CBDBSWC716-1.5	-	CDNBSWC716
1/2	12	CBDBSWC12-1	CBDBSWC12-1.5	-	CDNBSWC12

TAPSHSS

Coarse – Metric – HSS – ISO 529

measure standard: METRIC | style: COARSE | material: HSS | alpha

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - METRIC - HSS							
1	**0.25**	38.5	0.75	-	MCHI010	-	-
1.2	**0.25**	38.5	0.95	-	MCHI012	-	-
1.4	**0.3**	40	1.1	-	MCHI014	-	-
1.6	**0.35**	41	1.25	-	MCHI016	-	-
1.7	**0.35**	41	1.35	-	MCHI017	-	-
2	**0.4**	41	1.6	MCHT020	MCHI020	MCHB020	**MCHS020**
2.5	**0.45**	45	2.05	MCHT025	MCHI025	MCHB025	**MCHS025**
3	**0.5**	48	2.5	MCHT030	MCHI030	MCHB030	**MCHS030**
3.5	**0.6**	50	2.9	MCHT035	MCHI035	MCHB035	**MCHS035**
4	**0.7**	53	3.3	MCHT040	MCHI040	MCHB040	**MCHS040**
4.5	**0.75**	53	3.7	MCHT045	MCHI045	MCHB045	**MCHS045**
5	**0.8**	58	4.2	MCHT050	MCHI050	MCHB050	**MCHS050**
6	**1**	66	5.0	MCHT060	MCHI060	MCHB060	**MCHS060**
7	**1**	66	6.0	MCHT070	MCHI070	MCHB070	**MCHS070**
8	**1.25**	72	6.8	MCHT080	MCHI080	MCHB080	**MCHS080**
9	**1.25**	72	7.8	MCHT090	MCHI090	MCHB090	**MCHS090**
10	**1.5**	80	8.5	MCHT100	MCHI100	MCHB100	**MCHS100**
12	**1.75**	85	10.2	MCHT120	MCHI120	MCHB120	**MCHS120**
14	**2**	89	12.0	MCHT140	MCHI140	MCHB140	**MCHS140**
16	**2**	102	14.0	MCHT160	MCHI160	MCHB160	**MCHS160**
18	**2.5**	112	15.5	MCHT180	MCHI180	MCHB180	**MCHS180**
20	**2.5**	112	17.0	MCHT200	MCHI200	MCHB200	**MCHS200**
22	**2.5**	118	19.5	MCHT220	MCHI220	MCHB220	**MCHS220**
24	**3**	130	21.0	MCHT240	MCHI240	MCHB240	**MCHS240**
30	**3.5**	138	26.5	MCHT300	MCHI300	MCHB300	**MCHS300**
33	**3.5**	151	29.5	MCHT330	MCHI330	MCHB330	**MCHS330**
36	**4**	162	32.0	MCHT360	MCHI360	MCHB360	**MCHS360**

FINE – BSW – HSS – ISO 529

measure standard METRIC | style FINE | material HSS | alpha

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - METRIC FINE - HSS							
8	1	72	7.0	MFHT080100	MFHI080100	MFHB080100	**MFHS080100**
10	1	80	9.0	MFHT100100	MFHI100100	MFHB100100	**MFHS100100**
10	1.25	80	8.8	MFHT100125	MFHI100125	MFHB100125	**MFHS100125**
12	1.25	89	10.8	MFHT120125	MFHI120125	MFHB120125	**MFHS120125**
12	1.5	89	10.5	MFHT120150	MFHI120150	MFHB120150	**MFHS120150**
14	1.25	95	12.8	MFHT140125	MFHI140125	MFHB140125	**MFHS140125**
14	1.5	95	12.5	MFHT140150	MFHI140150	MFHB140150	**MFHS140150**
16	1.5	102	14.5	MFHT160150	MFHI160150	MFHB160150	**MFHS160150**
18	1.5	112	16.5	MFHT180150	MFHI180150	MFHB180150	**MFHS180150**
20	1.5	112	18.5	MFHT200150	MFHI200150	MFHB200150	**MFHS200150**
22	1.5	118	20.5	MFHT220150	MFHI220150	MFHB220150	**MFHS220150**
24	2	130	22.0	MFHT240200	MFHI240200	MFHB240200	**MFHS240200**
25	1.5	130	23.5	MFHT250150	MFHI250150	MFHB250150	**MFHS250150**

measure standard BSW | style COARSE | material HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - BSW - HSS							
1/8	40	48	2.5	BSWHT18	BSWHI18	BSWHB18	**BSWHS18**
5/32	32	53	3.2	BSWHT532	BSWHI532	BSWHB532	**BSWHS532**
3/16	24	58	3.7	BSWHT316	BSWHI316	BSWHB316	**BSWHS316**
1/4	20	66	5.1	BSWHT14	BSWHI14	BSWHB14	**BSWHS14**
5/16	18	72	6.5	BSWHT516	BSWHI516	BSWHB516	**BSWHS516**
3/8	16	80	7.9	BSWHT38	BSWHI38	BSWHB38	**BSWHS38**
7/16	14	85	9.3	BSWHT716	BSWHI716	BSWHB716	**BSWHS716**
1/2	12	89	10.5	BSWHT12	BSWHI12	BSWHB12	**BSWHS12**
9/16	12	95	12.1	BSWHT916	BSWHI916	BSWHB916	**BSWHS916**
5/8	11	102	13.5	BSWHT58	BSWHI58	BSWHB58	**BSWHS58**
3/4	10	112	16.0	BSWHT34	BSWHI34	BSWHB34	**BSWHS34**
7/8	9	118	19.0	BSWHT78	BSWHI78	BSWHB78	**BSWHS78**
1"	8	130	22.0	BSWHT1	BSWHI1	BSWHB1	**BSWHS1**
1"1/8	7	138	25.0	BSWHT1-18	BSWHI1-18	BSWHB1-18	**BSWHS1-18**
1"1/4	7	151	28.0	BSWHT1-14	BSWHI1-14	BSWHB1-14	**BSWHS1-14**
1"3/8	6	162	30.0	BSWHT1-38	BSWHI1-38	BSWHB1-38	**BSWHS1-38**
1"1/2	6	170	33.5	BSWHT1-12	BSWHI1-12	BSWHB1-12	**BSWHS1-12**
1"3/4	5	187	39.0	BSWHT1-34	BSWHI1-34	BSWHB1-34	**BSWHS1-34**
2"	4.5	200	44.5	BSWHT2	BSWHI2	BSWHB2	**BSWHS2**

TAPSHSS

UNC – BSF – HSS – ISO 529

measure standard: BSF | style: FINE | material: HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - BSF - HSS							
3/16	32	58	4.0	BSFHT316	BSFHI316	BSFHB316	**BSFHS316**
1/4	26	66	5.3	BSFHT14	BSFHI14	BSFHB14	**BSFHS14**
5/16	22	72	6.8	BSFHT516	BSFHI516	BSFHB516	**BSFHS516**
3/8	20	80	8.3	BSFHT38	BSFHI38	BSFHB38	**BSFHS38**
7/16	18	85	9.7	BSFHT716	BSFHI716	BSFHB716	**BSFHS716**
1/2	16	89	11.1	BSFHT12	BSFHI12	BSFHB12	**BSFHS12**
9/16	16	95	12.7	BSFHT916	BSFHI916	BSFHB916	**BSFHS916**
5/8	14	102	14.0	BSFHT58	BSFHI58	BSFHB58	**BSFHS58**
3/4	12	112	16.5	BSFHT34	BSFHI34	BSFHB34	**BSFHS34**
7/8	11	118	19.5	BSFHT78	BSFHI78	BSFHB78	**BSFHS78**
1"	10	130	22.5	BSFHT1	BSFHI1	BSFHB1	**BSFHS1**

measure standard: UNC | style: COARSE | material: HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - UNC - HSS							
5G	40	48	2.6	UNCHT5G	UNCHI5G	UNCHB5G	**UNCHS5G**
6G	32	50	2.8	UNCHT6G	UNCHI6G	UNCHB6G	**UNCHS6G**
8G	32	53	3.5	UNCHT8G	UNCHI8G	UNCHB8G	**UNCHS8G**
10G	24	58	3.9	UNCHT10G	UNCHI10G	UNCHB10G	**UNCHS10G**
12G	24	62	4.5	UNCHT12G	UNCHI12G	UNCHB12G	**UNCHS12G**
3/16	24(UNS)	58	3.7	UNCHT316	UNCHI316	UNCHB316	**UNCHS316**
1/4	20	66	5.1	UNCHT14	UNCHI14	UNCHB14	**UNCHS14**
5/16	18	72	6.6	UNCHT516	UNCHI516	UNCHB516	**UNCHS516**
3/8	16	80	8.0	UNCHT38	UNCHI38	UNCHB38	**UNCHS38**
7/16	14	85	9.4	UNCHT716	UNCHI716	UNCHB716	**UNCHS716**
1/2	13	89	10.8	UNCHT12	UNCHI12	UNCHB12	**UNCHS12**
9/16	12	95	12.2	UNCHT916	UNCHI916	UNCHB916	**UNCHS916**
5/8	11	102	13.5	UNCHT58	UNCHI58	UNCHB58	**UNCHS58**
3/4	10	112	16.5	UNCHT34	UNCHI34	UNCHB34	**UNCHS34**
7/8	9	118	19.5	UNCHT78	UNCHI78	UNCHB78	**UNCHS78**
1"	8	130	22.0	UNCHT1	UNCHI1	UNCHB1	**UNCHS1**
1"1/8	7	138	25.0	UNCHT1-18	UNCHI1-18	UNCHB1-18	**UNCHS1-18**
1"1/4	7	151	28.0	UNCHT1-14	UNCHI1-14	UNCHB1-14	**UNCHS1-14**
1"1/2	6	170	34.0	UNCHT1-12	UNCHI1-12	UNCHB1-12	**UNCHS1-12**
1"3/4	5	187	39.0	UNCHT1-34	UNCHI1-34	UNCHB1-34	**UNCHS1-34**
2"	4.5	200	45.0	UNCHT2	UNCHI2	UNCHB2	**UNCHS2**

UNF – BSPF – HSS – ISO 529 / ANSI B94-9

measure standard UNF | style FINE | material HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - UNF - HSS							
5G	44	48	2.7	UNFHT5G	UNFHI5G	UNFHB5G	**UNFHS5G**
6G	40	50	2.9	UNFHT6G	UNFHI6G	UNFHB6G	**UNFHS6G**
8G	36	53	3.5	UNFHT8G	UNFHI8G	UNFHB8G	**UNFHS8G**
10G	32	58	4.1	UNFHT10G	UNFHI10G	UNFHB10G	**UNFHS10G**
12G	28	62	4.7	UNFHT12G	UNFHI12G	UNFHB12G	**UNFHS12G**
3/16	32(UNS)	58	4.1	UNFHT316	UNFHI316	UNFHB316	**UNFHS316**
1/4	28	66	5.5	UNFHT14	UNFHI14	UNFHB14	**UNFHS14**
5/16	24	72	6.9	UNFHT516	UNFHI516	UNFHB516	**UNFHS516**
3/8	24	80	8.5	UNFHT38	UNFHI38	UNFHB38	**UNFHS38**
7/16	20	85	9.9	UNFHT716	UNFHI716	UNFHB716	**UNFHS716**
1/2	20	89	11.5	UNFHT12	UNFHI12	UNFHB12	**UNFHS12**
9/16	18	95	12.9	UNFHT916	UNFHI916	UNFHB916	**UNFHS916**
5/8	18	102	14.5	UNFHT58	UNFHI58	UNFHB58	**UNFHS58**
3/4	16	112	17.5	UNFHT34	UNFHI34	UNFHB34	**UNFHS34**
7/8	14	118	20.5	UNFHT78	UNFHI78	UNFHB78	**UNFHS78**
1"	12	130	23.0	UNFHT1X12	UNFHI1X12	UNFHB1X12	**UNFHS1X12**
1"1/8	12	138	26.5	UNFHT1-18	UNFHI1-18	UNFHB1-18	**UNFHS1-18**
1"1/4	12	151	29.5	UNFHT1-14	UNFHI1-14	UNFHB1-14	**UNFHS1-14**
1"1/2	12	170	36.0	UNFHT1-12	UNFHI1-12	UNFHB1-12	**UNFHS1-12**

measure standard BSPF | style FINE | material HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code	Sets Code
TAPS - BSPF - HSS							
1/8	28	59	8.8	BSPFHT18	BSPFHI18	BSPFHB18	**BSPFHS18**
1/4	19	67	11.8	BSPFHT14	BSPFHI14	BSPFHB14	**BSPFHS14**
3/8	19	75	15.0	BSPFHT38	BSPFHI38	BSPFHB38	**BSPFHS38**
1/2	14	87	19.0	BSPFHT12	BSPFHI12	BSPFHB12	**BSPFHS12**
5/8	14	91	21.0	BSPFHT58	BSPFHI58	BSPFHB58	**BSPFHS58**
3/4	14	96	24.5	BSPFHT34	BSPFHI34	BSPFHB34	**BSPFHS34**
7/8	14	102	28.0	BSPFHT78	BSPFHI78	BSPFHB78	**BSPFHS78**
1"	11	109	30.5	BSPFHT1	BSPFHI1	BSPFHB1	**BSPFHS1**
1"1/4	11	119	39.5	BSPFHT1-14	BSPFHI1-14	BSPFHB1-14	**BSPFHS1-14**
1"1/2	11	125	45.0	BSPFHT1-12	BSPFHI1-12	BSPFHB1-12	**BSPFHS1-12**

measure standard: NPSF | style: FINE | material: HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
TAPS - NPSF - HSS						
1/8	27	54	8.7	-	-	NPSFHB18
1/4	18	62	11.2	-	-	NPSFHB14
3/8	18	65	15.0	-	-	NPSFHB38
1/2	14	79	18.5	-	-	NPSFHB12

measure standard: BSPT | style: PIPE TAPER | material: HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
TAPS - BSPT - HSS						
1/8	28	59	8.4	-	-	BSPTHB18
1/4	19	67	11.2	-	-	BSPTHB14
3/8	19	75	14.5	-	-	BSPTHB38
1/2	14	87	18.0	-	-	BSPTHB12
3/4	14	96	23.5	-	-	BSPTHB34
1"	11	109	30.0	-	-	BSPTHB1
1"1/4	11	119	38.5	-	-	BSPTHB1-14
1"1/2	11	125	44.5	-	-	BSPTHB1-12
2"	11	140	56.0	-	-	BSPTHB2

measure standard: NPT | style: PIPE TAPER | material: HSS | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
TAPS - NPT - HSS						
1/8	27	54	8.7	-	-	NPTHB18
1/4	18	62	11.1	-	-	NPTHB14
3/8	18	65	14.5	-	-	NPTHB38
1/2	14	79	18.0	-	-	NPTHB12
3/4	14	82	23.0	-	-	NPTHB34
1"	11.5	95	29.0	-	-	NPTHB1
1"1/4	11.5	102	38.0	-	-	NPTHB1-14

HSS – Carded – ISO 529

measure standard **METRIC** | style **COARSE** | material **HSS** | alpha

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - METRIC COARSE - HSS						
3	0.5	48	2.55	CMCHT030	CMCHI030	CMCHB030
4	0.7	53	3.4	CMCHT040	CMCHI040	CMCHB040
5	0.8	58	4.3	CMCHT050	CMCHI050	CMCHB050
6	1	66	5.1	CMCHT060	CMCHI060	CMCHB060
7	1	66	6.1	CMCHT070	CMCHI070	CMCHB070
8	1.25	72	6.9	CMCHT080	CMCHI080	CMCHB080
10	1.5	80	8.6	CMCHT100	CMCHI100	CMCHB100
12	1.75	89	10.2	CMCHT120	CMCHI120	CMCHB120

measure standard **UNC** | style **COARSE** | material **HSS** | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - UNC - HSS						
1/4	20	66	5.1	CUNCHT14	CUNCHI14	CUNCHB14
5/16	18	72	6.6	CUNCHT516	CUNCHI516	CUNCHB516
3/8	16	80	8.0	CUNCHT38	CUNCHI38	CUNCHB38
7/16	14	85	9.4	CUNCHT716	CUNCHI716	CUNCHB716
1/2	13	89	10.8	CUNCHT12	CUNCHI12	CUNCHB12

measure standard **UNF** | style **FINE** | material **HSS** | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - UNF - HSS						
1/4	28	66	5.5	CUNFHT14	CUNFHI14	CUNFHB14
5/16	24	72	6.9	CUNFHT516	CUNFHI516	CUNFHB516
3/8	24	80	8.5	CUNFHT38	CUNFHI38	CUNFHB38
7/16	20	85	9.9	CUNFHT716	CUNFHI716	CUNFHB716
1/2	20	89	11.5	CUNFHT12	CUNFHI12	CUNFHB12

measure standard **BSW** | style **COARSE** | material **HSS** | alpha

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Taper Code	Intermediate Code	Bottoming Code
CARDED TAPS - BSW - HSS						
1/8	40	48	2.5	CBSWHT18	CBSWHI18	CBSWHB18
5/32	32	53	3.2	CBSWHT532	CBSWHI532	CBSWHB532
3/16	24	58	3.7	CBSWHT316	CBSWHI316	CBSWHB316
1/4	20	66	5.1	CBSWHT14	CBSWHI14	CBSWHB14
5/16	18	72	6.5	CBSWHT516	CBSWHI516	CBSWHB516
3/8	16	80	7.9	CBSWHT38	CBSWHI38	CBSWHB38
7/16	14	85	9.3	CBSWHT716	CBSWHI716	CBSWHB716
1/2	12	89	10.5	CBSWHT12	CBSWHI12	CBSWHB12

measure standard: METRIC | style: COARSE - SPIRAL POINT | material: HSSE

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Code
TAP - METRIC COARSE SPIRAL POINT HSSE				
3	0.5	56	2.5	MCESP030
3.5	0.6	56	2.9	MCESP035
4	0.7	63	3.3	MCESP040
5	0.8	70	4.2	MCESP050
6	1	80	5.0	MCESP060
7	1	80	6.0	MCESP070
8	1.25	90	6.8	MCESP080
9	1.25	95	7.8	MCESP090
10	1.5	100	8.5	MCESP100
11	1.5	105	9.5	MCESP110
12	1.75	110	10.2	MCESP120
14	2	110	12.0	MCESP140
16	2	110	14.0	MCESP160
18	2.5	125	15.5	MCESP180
20	2.5	140	17.0	MCESP200
22	2.5	140	19.5	MCESP220
24	3	160	21.0	MCESP240
27	3	160	24.0	MCESP270
30	3.5	180	26.5	MCESP300
33	3.5	180	29.5	MCESP330
36	4	200	32.0	MCESP360

measure standard: METRIC | style: COARSE - SPIRAL FLUTE | material: HSSE

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Code
TAP - METRIC COARSE SPIRAL FLUTE HSSE				
3	0.5	56	2.5	MCESF030
3.5	0.6	56	2.9	MCESF035
4	0.7	63	3.3	MCESF040
5	0.8	70	4.2	MCESF050
6	1	80	5.0	MCESF060
7	1	80	6.0	MCESF070
8	1.25	90	6.8	MCESF080
9	1.25	95	7.8	MCESF090
10	1.5	100	8.5	MCESF100
11	1.5	105	9.5	MCESF110
12	1.75	110	10.2	MCESF120
14	2	110	12.0	MCESF140
16	2	110	14.0	MCESF160
18	2.5	125	15.5	MCESF180
20	2.5	140	17.0	MCESF200
22	2.5	140	19.5	MCESF220
24	3	160	21.0	MCESF240

Metric Fine Spiral Point/Spiral Flute - HSSE – DIN 371

measure standard: METRIC | style: FINE - SPIRAL POINT | material: HSSE

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Code
TAP - METRIC FINE SPIRAL POINT HSSE				
5	0.5	70	4.5	MFESP050
6	0.75	80	5.2	MFESP060
8	1	90	7.0	MFESP080
10	1	90	9.0	MFESP100100
10	1.25	100	8.8	MFESP100125
12	1.5	100	10.5	MFESP120150

measure standard: METRIC | style: FINE - SPIRAL FLUTE | material: HSSE

Dia. mm	Pitch mm	OAL mm	Drill Size mm	Code
TAP - METRIC FINE SPIRAL FLUTE HSSE				
5	0.5	70	4.5	MFESF050
6	0.75	80	5.2	MFESF060
8	1	90	7.0	MFESF080
10	1	90	9.0	MFESF100100
10	1.25	100	8.8	MFESF100125
12	1.5	100	10.5	MFESF120150

CARDED TAP MERCHANDISER

measure standard	style	material
BSW	COARSE - SPIRAL POINT	HSSE

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Code
TAP - BSW SPIRAL POINT HSSE				
1/8	40	48	2.5	BSWESP18
5/32	32	53	3.2	BSWESP532
3/16	24	58	3.7	BSWESP316
1/4	20	66	5.1	BSWESP14
5/16	18	72	6.5	BSWESP516
3/8	16	80	7.9	BSWESP38
7/16	14	85	9.3	BSWESP716
1/2	12	89	10.5	BSWESP12
9/16	12	95	12.1	BSWESP916
5/8	11	102	13.5	BSWESP58
3/4	10	112	16.0	BSWESP34
7/8	9	118	19.0	BSWESP78
1"	8	130	22.0	BSWESP1

measure standard	style	material
BSW	SPIRAL FLUTE	HSSE

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Code
TAP - BSW SPIRAL FLUTE HSSE				
1/8	40	48	2.5	BSWESF18
5/32	32	53	3.2	BSWESF532
3/16	24	58	3.7	BSWESF316
1/4	20	66	5.1	BSWESF14
5/16	18	72	6.5	BSWESF516
3/8	16	80	7.9	BSWESF38
7/16	14	85	9.3	BSWESF716
1/2	12	89	10.5	BSWESF12
9/16	12	95	12.1	BSWESF916
5/8	11	102	13.5	BSWESF58
3/4	10	112	16.0	BSWESF34
7/8	9	118	19.0	BSWESF78
1"	8	130	22.0	BSWESF1

UNC Spiral Point/Spiral Flute - HSSE – DIN 371

measure standard: UNC | style: COARSE - SPIRAL POINT | material: HSSE

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Code
TAP - UNC SPIRAL POINT HSSE				
6G	32	50	2.8	UNCESP6G
8G	32	53	3.5	UNCESP8G
10G	24	58	3.9	UNCESP10G
12G	24	62	4.5	UNCESP12G
1/4	20	66	5.1	UNCESP14
5/16	18	72	6.6	UNCESP516
3/8	16	80	8.0	UNCESP38
7/16	14	85	9.4	UNCESP716
1/2	13	89	10.8	UNCESP12
9/16	12	95	12.2	UNCESP916
5/8	11	102	13.5	UNCESP58
3/4	10	112	16.5	UNCESP34
7/8	9	118	19.5	UNCESP78
1"	8	130	22.0	UNCESP1

measure standard: UNC | style: COARSE - SPIRAL FLUTE | material: HSSE

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Code
TAP - UNC SPIRAL FLUTE HSSE				
6G	32	50	2.8	UNCESF6G
8G	32	53	3.5	UNCESF8G
10G	24	58	3.9	UNCESF10G
12G	24	62	4.5	UNCESF12G
1/4	20	66	5.1	UNCESF14
5/16	18	72	6.6	UNCESF516
3/8	16	80	8.0	UNCESF38
7/16	14	85	9.4	UNCESF716
1/2	13	89	10.8	UNCESF12
9/16	12	95	12.2	UNCESF916
5/8	11	102	13.5	UNCESF58
3/4	10	112	16.5	UNCESF34
7/8	9	118	19.5	UNCESF78
1"	8	130	22.0	UNCESF1

UNF Spiral Point/Spiral Flute - HSSE – DIN 371

measure standard: UNF | style: FINE - SPIRAL POINT | material: HSSE

Thread Dia. In.	TPI	OAL mm	Drill Size mm	Code
TAP - UNF SPIRAL POINT HSSE				
5G	44	48	2.7	UNFESP5G
6G	40	50	2.9	UNFESP6G
8G	36	53	3.5	UNFESP8G
10G	32	58	4.1	UNFESP10G
12G	28	62	4.7	UNFESP12G
1/4	28	66	5.5	UNFESP14
5/16	24	72	6.9	UNFESP516
3/8	24	80	8.5	UNFESP38
7/16	20	85	9.9	UNFESP716
1/2	20	89	11.5	UNFESP12
9/16	18	95	12.9	UNFESP916
5/8	18	102	14.5	UNFESP58
3/4	16	112	17.5	UNFESP34
7/8	14	118	20.5	UNFESP78
1"	12	130	23.0	UNFESP1

measure standard: UNF | style: FINE - SPIRAL FLUTE | material: HSSE

Dia. mm	TPI	OAL mm	Drill Size mm	Code
TAP - UNF SPIRAL FLUTE HSSE				
5G	44	48	2.7	UNFESF5G
6G	40	50	2.9	UNFESF6G
8G	36	53	3.5	UNFESF8G
10G	32	58	4.1	UNFESF10G
12G	28	62	4.7	UNFESF12G
1/4	28	66	5.5	UNFESF14
5/16	24	72	6.9	UNFESF516
3/8	24	80	8.5	UNFESF38
7/16	20	85	9.9	UNFESF716
1/2	20	89	11.5	UNFESF12
9/16	18	95	12.9	UNFESF916
5/8	18	102	14.5	UNFESF58
3/4	16	112	17.5	UNFESF34
7/8	14	115	20.5	UNFESF78
1"	12	120	23.0	UNFESF1

Quality Alpha Zinc Alloy Wrenches

measure standard: METRIC / IMPERIAL | style: TAP WRENCH | material: ZINC ALLOY

Code	Description	Size	Pack qty
TAP WRENCHES			
TW-00	Tap Handle No.00	M1-M6 / 1/6”-1/4”	1
TW-0	Tap Handle No.0	M3-M12 / 1/8”-1/2”	1
TW-6	Tap Handle No.6	M6-M20 / 1/4”-3/4”	1
TW-7	Tap Handle No.7*	M10-M25 / 3/8”-1”	1
TW-8	Tap Handle No.8*	M20-M38 / 3/4”-1 1/2”	1

measure standard: METRIC / IMPERIAL | style: T-TAP WRENCH | material: ZINC ALLOY

Code	Description	Size	Pack qty
T PATTERN TAP WRENCHES			
TW14	T-Tap Wrench 1/4”	M3-M6 / 1/8”-1/4”	1
TW14R	Tap Wrench with Ratchet 1/4”	M3-M6 / 1/8”-1/4”	1
TW12	T-Tap Wrench 1/2”	M6-M12 / 5/16”-1/2”	1
TW12R	Tap Wrench with Ratchet 1/2”	M6-M12 / 1/4-1/2”	1

measure standard: METRIC / IMPERIAL | style: BUTTON DIE WRENCH | material: ZINC ALLOY

Code	Description	Size	Pack qty
BUTTON DIE WRENCHES			
BDW-1	Button Die Wrench	1”	1
BDW-1.12	Button Die Wrench	1 - 1/2”	1
BDW-2	Button Die Wrench	2”	1

THE CUTTIN

MASONRY GIVING YOU THE CUTTING EDGE!

IGEDGE

alpha™

PAGE

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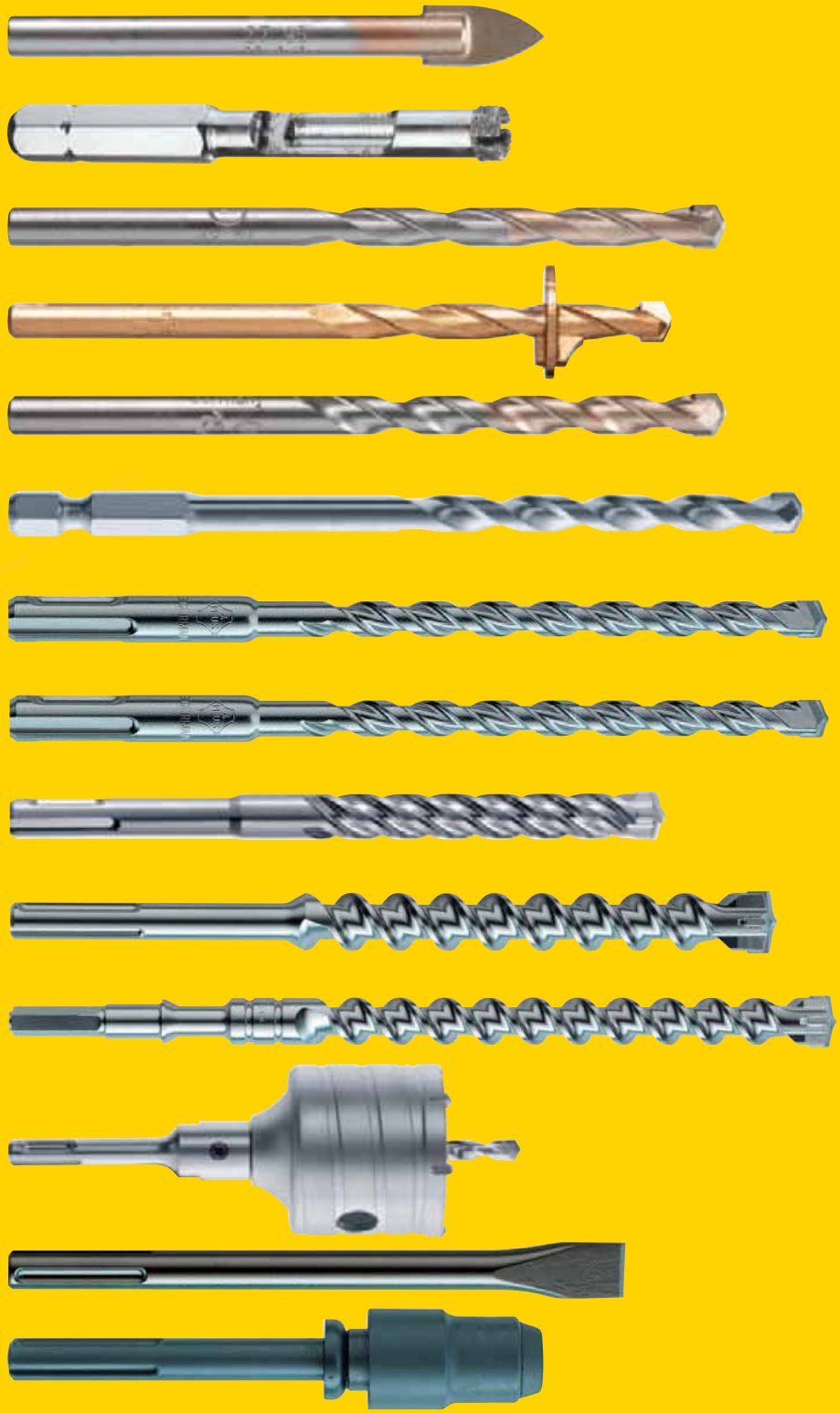


SPEARPOINT DRILLS GLASS & TILE

For drilling glass and tiles - ideally used at low speed with water

measure standard	style	material
METRIC	SPEARPOINT	TUNGSTEN CARBIDE

alpha

Drill Dia mm	Code	Drill Dia. inches	OAL mm	Description	Pack qty
	SPEARPOINT DRILL BITS MADE IN GERMANY				
3	9GT030G	1/8	65	3mm Glass Tile Drill	1
4	9GT040G	5/32	65	4mm Glass Tile Drill	1
5	9GT050G	3/16	65	5mm Glass Tile Drill	1
6	9GT060G	15/64	65	6mm Glass Tile Drill	1
6.5	9GT065G	1/4	65	6.5mm Glass Tile Drill	1
8	9GT080G	5/16	70	8mm Glass Tile Drill	1
10	9GT100G	3/8	80	10mm Glass Tile Drill	1
12	9GT120G	1/2	80	12mm Glass Tile Drill	1

SUPPLIED IN INDIVIDUAL HANG PACKS

measure standard	style	material
METRIC	SPEARPOINT	TUNGSTEN CARBIDE

alpha

Drill Dia. mm	Code	Drill Dia. inches	OAL mm	Description	Pack qty
	SPEARPOINT DRILL BITS				
3	9GT030	1/8	57	3mm Glass Tile Drill	1
4	9GT040	5/32	62	4mm Glass Tile Drill	1
5	9GT050	3/16	69	5mm Glass Tile Drill	1
6	9GT060	15/64	74	6mm Glass Tile Drill	1
6.5	9GT065	1/4	76	6.5mm Glass Tile Drill	1
8	9GT080	5/16	82	8mm Glass Tile Drill	1
10	9GT100	3/8	89	10mm Glass Tile Drill	1
12	9GT120	1/2	96	12mm Glass Tile Drill	1

SUPPLIED IN INDIVIDUAL HANG PACKS

DIAMOND CORE DRILLS

For drilling hardened tiles and natural stone i.e. porcelain, marble, hardened ceramic

alpha by Sterling

measure standard	style	material	
METRIC	CORE DRILL	WELDED DIAMOND GRIT	boa

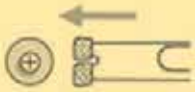
Drill Dia. mm	Code	Description	Shank	Pack qty
	DIAMOND CORE DRILL			
5	9GTD050	5mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
6	9GTD060	6mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
7	9GTD070	7mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
8	9GTD080	8mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
10	9GTD100	10mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
12	9GTD120	12mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
15	9GTD150	15mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
20	9GTD200	20mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
25	9GTD250	25mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1
35	9GTD350	35mm Diamond Core Drill with Reservoir	1/4" Hex Shank	1

Drill Dia. mm	Code	Description	Pack qty
	DIAMOND CORE DRILL SETS		
5-10	SGTD5-10	5 pce Diamond Core Drill Set 5-10mm with Reservoir	1
10-25	SGTD10-25	5 pce Diamond Core Drill Set 10-25mm with Reservoir	1

For best results pour a small amount of water on the surface before drilling.
Use a high speed drill, 800 - 2000 rpm, light pressure.

1
Mark the wall and place the drill head at an angle to the wall as shown.

2
Start the drill and raise the drill as you cut the top surface to 90º angle to the wall. Drill as normal.



Drill Guide & Water Cooling System

1
Select the guide hole you require. Move the water reservoir to the closed postion over the hole selected

2
Fill the reservoir with water to the maximum level on the front

3
Wipe the surface of the tiles with damp cloth. Line-up the guide hole with mark on the wall and stick.

4
Get ready to drill. Move the reservoir to the open position.

5
Place drill into the guide and drill the required hole.

6
Move the reservoir back to the closed position. Finished

alpha by Sterling

MASONRYPROBITS

Professional quality, suitable for rotary and impact drilling

MADE IN GERMANY

measure standard: METRIC | style: STRAIGHT SHANK MASONRY | material: CARBIDE TIP | alpha

Drill Dia. mm	Code	OAL mm	FL mm		Pack qty
	MASONRY PRO DRILL BITS				
3	MA030070G	70	40		1
3	MA030070G50	70	40	Industrial 50 pack	50
3.5	MA035080G	80	45		1
4	MA040085G	85	50		1
5	MA050085G	85	50		1
5	MA050150G	150	90		1
5.5	MA055085G	85	50		1
5.5	MA055150G	150	90		1
6	MA060100G	100	60		1
6	MA060150G	150	90		1
6.5	MA065100G	100	60		1
6.5	MA065150G	150	90		1
7	MA070150G	150	90		1
8	MA080120G	120	80		1
8	MA080200G	200	150		1
9	MA090120G	120	80		1
10	MA100120G	120	80		1
10	MA100200G	200	150		1
12	MA120150G	150	90		1
12	MA120400G	400	350		1
13	MA130150G	150	90		1
14	MA140150G	150	90		1
14	MA140400G	400	350		1
16	MA160160G	160	100		1
16	MA160400G	400	350		1
18	MA180160G	160	100		1
20	MA200160G	160	100		1

SUPPLIED ON INDIVIDUAL CARD

brick

tile

ceramic

concrete

Suitable for rotary and impact drilling

measure standard: METRIC | style: STRAIGHT SHANK MASONRY | material: CARBIDE TIP

Drill Dia. mm	Code	OAL mm	FL mm	Pack qty
	MASONRY DRILL BITS			
3	MA030065	65	32	1
3.5	MA035075	75	37	1
4	MA040075	75	37	1
4.5	MA045065	65	37	1
4.5	MA045150	150	100	1
5	MA050085	85	45	1
5	MA050150	150	90	1
5.5	MA055085	85	45	1
5.5	MA055150	150	90	1
6	MA060100	100	55	1
6	MA060150	150	90	1
6.5	MA065100	100	55	1
6.5	MA065150	150	90	1
6.5	MA065300	300	200	1
7	MA070100	100	55	1
8	MA080120	120	70	1
8	MA080150	150	90	1
8	MA080300	300	200	1
10	MA100120	120	70	1
10	MA100150	150	90	1
10	MA100400	400	267	1
11	MA110150	150	90	1
12	MA120150	150	90	1
12	MA120400	400	267	1
13	MA130150	150	90	1
14	MA140210	210	150	1
16	MA160150	150	90	1
16	MA160400	400	267	1

SUPPLIED ON INDIVIDUAL CARD

alpha by Sterling

MASONRYDRILLBITS SHALLOW

Ideal for drilling and counter-sinking fibre cement and compressed fibre cement sheeting

MASONRYDRILLBITS DEEP

measure standard: METRIC | style: COUNTER SINK DEPTH GAUGE | material: CARBIDE TIP

alpha

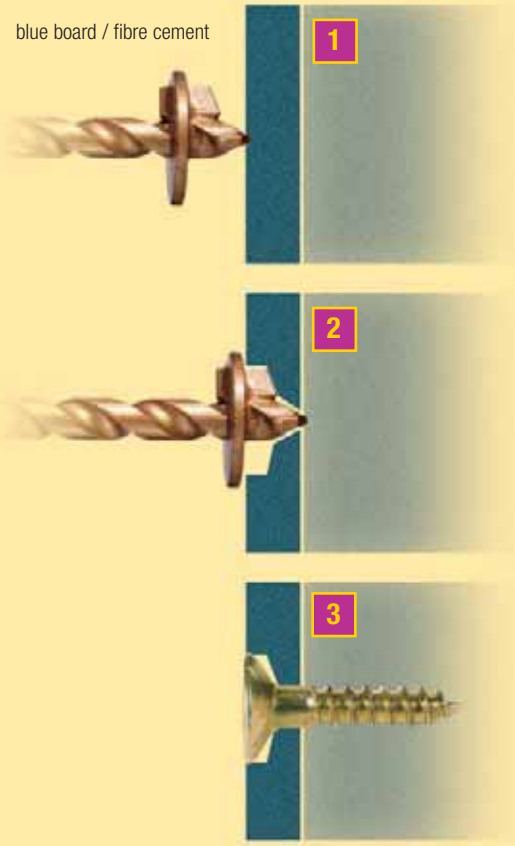
Shallow hole

Dia. mm	Code	Depth mm		Pack qty
	SHALLOW CUT MASONRY DRILL BITS WITH COUNTER SINK DEPTH GAUGE			
5	MADG0509	9	Shallow	1
6	MADG0609	9	Shallow	1
	SUPPLIED ON INDIVIDUAL CARD			

Deep hole

Dia. mm	Code	Depth mm		Pack qty
	DEEP CUT MASONRY DRILL BITS WITH COUNTER SINK DEPTH GAUGE			
5	MADG0518	18	Deep	1
6	MADG0618	18	Deep	1
	SUPPLIED ON INDIVIDUAL CARD			

blue board / fibre cement



UNIDREMASONRYSTRAIGHTSHANK

For drilling wood, metal, plastic, brick, tiles, ceramics, plasterboard and aerated concrete

UNIDREMASONRYHEXSHANK

For drilling wood, metal, plastic, brick, tiles, ceramics, plasterboard and aerated concrete, fits 1/4" bit holder

1/4" hex

measure standard	style	material
METRIC	MULTI-PURPOSE STRAIGHT SHANK	SHARPENED CARBIDE TIP

Dia. mm	Code	OAL mm	FL mm	Pack qty
	STRAIGHT SHANK MASONRY DRILL			
3.0	UNI030070	70	40	26
4.0	UNI040085	85	50	26
5.0	UNI050085	85	50	26
5.5	UNI055085	85	50	26
6.0	UNI060100	100	60	26
6.5	UNI065100	100	60	26
8.0	UNI080120	120	80	26
8.0	UNI080310	310	254	26
10.0	UNI100120	120	80	26
10.0	UNI100310	310	254	26
12.0	UNI120150	150	90	26

measure standard	style	material
METRIC	MULTI-PURPOSE HEX SHANK	SHARPENED CARBIDE TIP

Dia. mm	Code	OAL mm	FL mm	Pack qty
	HEX SHANK MASONRY DRILL			
3.0	UNIHEX030	95	40	26
4.0	UNIHEX040	105	50	26
5.0	UNIHEX050	105	50	26
5.5	UNIHEX055	105	55	26
6.0	UNIHEX060	115	60	26
6.5	UNIHEX065	115	60	26
8.0	UNIHEX080	135	80	26

measure standard	style	material
METRIC	MULTI-PURPOSE HEX SHANK SET	SHARPENED CARBIDE TIP

Dia. mm	Code	Description	Pack qty
	5 PCE HEX SHANK MASONRY DRILL SET		
3-8	UNIHEXSET5	5 Piece UniDre 1/4 Hex Masonry Drill Set 3, 5, 6, 6.5, 8mm	1

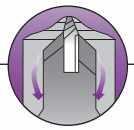
SDSPLUSDRILLBITS

measure standard	style	material
METRIC	SDS PLUS	CARBIDE TIP

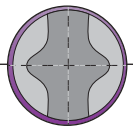
Dia. mm	Code	OAL mm	FL mm	Box qty
	SDS PLUS			
4	SP040110G	110	50	25
4	SP040160G	160	100	25
5	SP050110G	110	50	25
5	SP050160G	160	100	25
5	SP050210G	210	150	25
5.5	SP055110G	110	50	25
5.5	SP055160G	160	100	25
5.5	SP055210G	210	150	25
5.5	SP055310G	310	250	20
6	SP060110G	110	50	25
6	SP060160G	160	100	25
6	SP060210G	210	150	25
6	SP060310G	310	250	20
6	SP060460G	460	400	25
6.5	SP065110G	110	50	25
6.5	SP065160G	160	100	25
6.5	SP065210G	210	150	25
6.5	SP065260G	260	200	25
6.5	SP065310G	310	250	25
7	SP070160G	160	100	25
7	SP070250G	250	200	25
7	SP070450G	450	400	20
8	SP080110G	110	50	25
8	SP080160G	160	100	25
8	SP080210G	210	150	25
8	SP080260G	260	200	25
8	SP080310G	310	250	20
8	SP080460G	460	400	20
8	SP080600G	600	550	20
9	SP090210G	210	150	25
10	SP100110G	110	50	25
10	SP100160G	160	100	25
10	SP100210G	210	150	25
10	SP100260G	260	200	25
10	SP100350G	350	300	25
10	SP100450G	450	400	20
10	SP100600G	600	550	20
10	SP1001000G	1000	950	20
11	SP110260G	260	200	20
12	SP120160G	160	100	20
12	SP120210G	210	150	20
12	SP120260G	260	200	20
12	SP120360G	360	300	10

Centering chisel head with multi-flute spiral for maximum drilling capacity

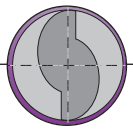
Easy centring spot drilling



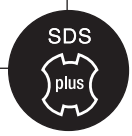
Dynamic, chisel-shaped head design



Cross-section of Alpha SDS Flute



Standard competition cross-section



measure standard
METRIC

style
SDS PLUS

material
CARBIDE TIP

alpha

Dia. mm	Code	OAL mm	FL mm	Box qty
	SDS PLUS			
12	SP120450G	450	400	20
12	SP120600G	600	550	20
12	SP1201000G	1000	950	20
13	SP130160G	160	100	20
13	SP130210G	210	150	20
13	SP130310G	310	250	10
13	SP130450G	450	400	10
13	SP130600G	600	550	10
14	SP140260G	260	200	20
14	SP140450G	450	400	10
14	SP140600G	600	550	10
14	SP1401000G	1000	950	10
15	SP150260G	260	200	10
15	SP150450G	450	400	10
16	SP160160G	160	100	10
16	SP160210G	210	150	10
16	SP160260G	260	200	10
16	SP160310G	310	250	10
16	SP160450G	450	400	10
16	SP160600G	600	550	10
16	SP160800G	800	750	10
16	SP1601000G	1000	950	10
18	SP180200G	200	150	10
18	SP180300G	300	250	10
18	SP180450G	450	400	10
18	SP180600G	600	550	10
20	SP200200G	200	150	10
20	SP200300G	300	250	10
20	SP200450G	450	400	10
20	SP200600G	600	550	10
22	SP220250G	250	200	10
22	SP220450G	450	400	10
22	SP220600G	600	550	10
23	SP230450G	450	400	10
24	SP240250G	250	200	10
24	SP240450G	450	400	10
25	SP250250G	250	200	10
25	SP250450G	450	400	10
25	SP250600G	600	550	10
26	SP260250G	250	200	10
26	SP260450G	450	400	10
26	SP260600G	600	550	10

Note: SDS Plus drills above 20mm Diameter are not factory gauranteed.

NOTE!
UP TO 32MM SDS PLUS AVAILABLE IN THE ZENTRO RANGE - SEE PAGE: 81

SDSPLUSDRILLBITS

Centering chisel head with multi-flute spiral for maximum drilling capacity

measure standard	style	material
METRIC	SDS PLUS	CARBIDE TIP

Dia. mm	Code	OAL mm	FL mm	Pack qty
	SDS PLUS BULK 10 PACKS			
5	SP050110GB	110	50	10
5	SP050160GB	160	100	10
5.5	SP055110GB	110	50	10
5.5	SP055160GB	160	100	10
6	SP060110GB	110	50	10
6	SP060160GB	160	100	10
6.5	SP065110GB	110	50	10
6.5	SP065160GB	160	100	10
8	SP080160GB	160	100	10
10	SP100110GB	110	50	10
10	SP100160GB	160	100	10
10	SP100210GB	210	150	10
12	SP120160GB	160	100	10
12	SP120210GB	210	150	10

Dia. mm	Code	Description	Pack qty
	SDS PLUS 5 & 7 PIECE SETS		
5-10	SPSET5	5 Piece SDS Plus Masonry Drill Set x 160mm 5, 6, 6.5, 8, 10mm	1
5-12	SPSET5-D	5 Piece SDS Plus Masonry Drill Set x 160mm 5, 6.5, 8, 10, 12mm	1
5-12	SPSET7	7 Piece SDS Plus Masonry Drill Set x 160mm 5, 5.5, 6, 6.5, 8, 10, 12mm	1

SDSXR3DRILLBITS

Suits SDS Plus and Ramset® R-3

measure standard	style	material
METRIC	SDS XR3	CARBIDE TIP

Dia. mm	Code	OAL mm	FL mm	Pack qty
	SDS XR3			
5	SR050110G	110	50	25
5	SR050160G	160	100	25
5.5	SR055110G	110	50	25
5.5	SR055160G	160	100	25
6	SR060110G	110	50	25
6	SR060160G	160	100	25
6	SR060210G	210	150	25
6.5	SR065110G	110	50	25
6.5	SR065160G	160	100	25
6.5	SR065210G	210	150	25
8	SR080110G	110	50	25
8	SR080160G	160	100	25
8	SR080210G	210	150	25
10	SR100160G	160	100	25
10	SR100210G	210	150	25
12	SR120160G	160	100	20
12	SR120210G	210	150	20
14	SR140260G	260	200	20
16	SR160310G	310	250	10
18	SR180310G	310	250	10
20	SR200310G	310	250	10
22	SR220450G	450	400	10
26	SR260450G	450	400	10

Ramset and R3 are trademarks of ITW Corporation and have no connection with Alpha
Note: SDS XR3 drills above 20mm Diameter are not factory guaranteed

Easy centring spot drilling

Dynamic, chisel-shaped head design

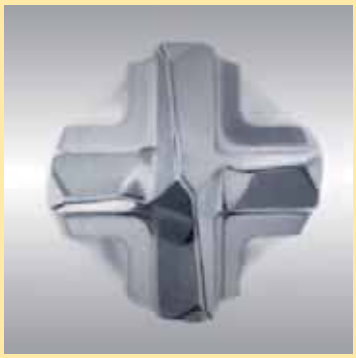
Cross-section of Alpha SDS Flute

Standard competition cross-section

PRECISEDRILLING

The unique zentro head geometry ensures precision drill holes

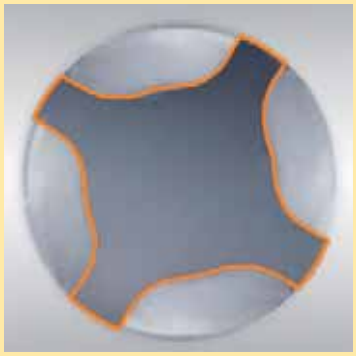
The one-piece, solid carbide tip and patented reinforcing chamfering ensure low vibration and optimum drilling performance when drilling into reinforcing steel



Thanks to optimum 4 x 90° symmentry, all four carbide cutting edges function evenly and do not seize up on hitting reinforcing steel

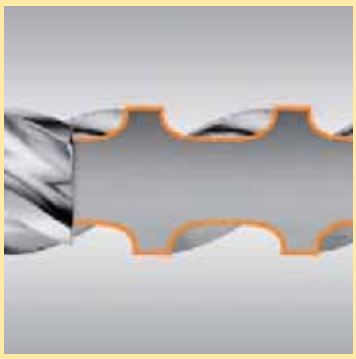
Laterial support and maximum possible area of the interface between the carbide and steel body compensate for torsional forces

Centring tip for straight forward spot drilling with pinpoint accuracy

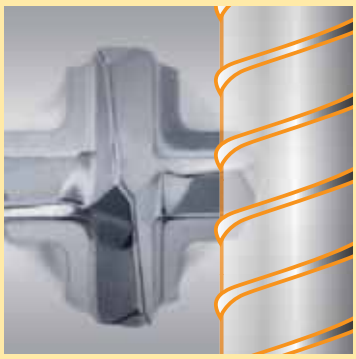


Four symmetrically functioning spiral ridges ensure low, uniform flute wear

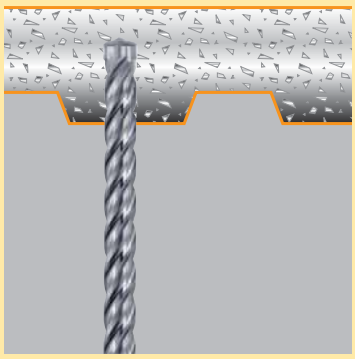
Optimised flute core strength ensures low vibration drilling performance and exceptional fracture resistance



The high-volume flute geometry ensures the optimum removal of drilling dust



4 Cutter head prevents seizing when drilling through reinforcing steel



Penetrates through steel deck plate eg Bondek® and concrete in one easy process

SDSPLUSZENTRO4-CUTTERDRILLBITS

Dynamic drilling ability with secondary cutters protecting the drill bit in the event of reinforcement collision

alpha by Sterling

SDS plus

measure standard	style	material
METRIC	SDS PLUS ZENTRO 4-CUTTER	CARBIDE TIP x4

alpha

Dia. mm	Code	OAL mm	FL mm	Pack qty
	SDS PLUS ZENTRO 4-CUTTER			
5	SPZ050110	110	50	25
5	SPZ050160	160	100	25
5.5	SPZ055110	110	50	25
5.5	SPZ055160	160	100	25
6	SPZ060110	110	50	25
6	SPZ060160	160	100	25
6	SPZ060210	210	150	25
6.5	SPZ065160	160	100	25
6.5	SPZ065210	210	150	25
8	SPZ080160	160	100	25
8	SPZ080210	210	150	25
10	SPZ100160	160	100	25
10	SPZ100210	210	150	25
12	SPZ120160	160	100	20
12	SPZ120210	210	150	20
12	SPZ120260	260	200	20
12	SPZ120310	310	250	20
12	SPZ120450	450	400	1
14	SPZ140260	260	200	20
14	SPZ140450	450	400	1
16	SPZ160250	250	200	1
16	SPZ160450	450	400	1
18	SPZ180250	250	200	1
18	SPZ180450	450	400	1
20	SPZ200250	250	200	1
20	SPZ200450	450	400	1
22	SPZ220250	250	200	1
22	SPZ220450	450	400	1
24	SPZ240250	250	200	1
24	SPZ240450	450	400	1
25	SPZ250250	250	200	1
25	SPZ250450	450	400	1
28	SPZ280250	250	200	1
28	SPZ280450	450	400	1
30	SPZ300250	250	200	1
30	SPZ300450	450	400	1
32	SPZ320450	450	400	1

Note: SDS Plus drills above 20mm Diameter are not factory gauranteed.

Dia. mm	Code	Description	Pack qty
	SDS PLUS ZENTRO MASONRY DRILL SET		
5-10	SPZSET-5	5pce SDS Plus ZENTRO Masonry Drill Set 5, 6, 6.5, 8, 10mm	1

alpha by Sterling

SDSMAXMASONRYDRILLBITS

Max Performance, German quality and design
Secondary cutters protect the drill bit in the event of reinforcement collision
Maximum energy transfer, Excellent performance, Long Life SDS MAX

SDS max

measure standard: METRIC | style: SDS MAX ZENTRO 4-CUTTER | material: CARBIDE TIP x4

alpha

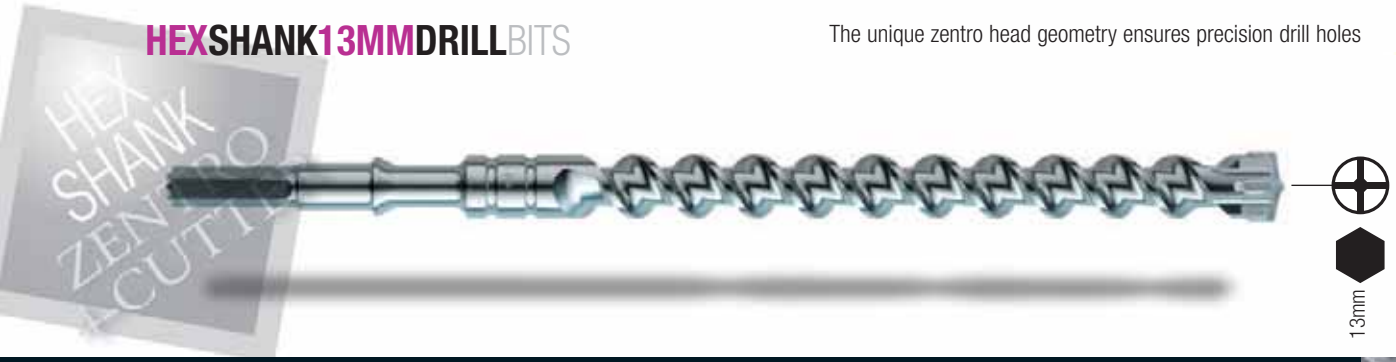
SDS MAX

Dia. mm	Code	OAL mm	FL mm	Pack qty
	SDS MAX MASONRY DRILL BITS			
12	SXZ12340	340	200	1
12	SXZ12540	540	400	1
14	SXZ14340	340	200	1
14	SXZ14540	540	400	1
14	SXZ14920	920	800	1
16	SXZ16340	340	200	1
16	SXZ16540	540	400	1
16	SXZ16920	920	800	1
18	SXZ18340	340	200	1
18	SXZ18540	540	400	1
18	SXZ18920	920	800	1
20	SXZ20320	320	200	1
20	SXZ20520	520	400	1
20	SXZ20920	920	800	1
22	SXZ22320	320	200	1
22	SXZ22520	520	400	1
22	SXZ22920	920	800	1
24	SXZ24320	320	200	1
24	SXZ24520	520	400	1
25	SXZ25320	320	200	1
25	SXZ25520	520	400	1
25	SXZ25920	920	800	1
26	SXZ26300	300	165	1
26	SXZ26520	520	400	1
28	SXZ28370	370	250	1
28	SXZ28570	570	450	1
28	SXZ28920	920	800	1
30	SXZ30370	370	250	1
30	SXZ30570	570	450	1
32	SXZ32370	370	250	1
32	SXZ32570	570	450	1
32	SXZ32920	920	800	1
35	SXZ35570	570	450	1
35	SXZ35920	920	800	1
37	SXZ37570	570	450	1
38	SXZ38370	370	250	1
38	SXZ38570	570	450	1
40	SXZ40370	370	250	1
40	SXZ40570	570	450	1
40	SXZ40920	920	800	1
45	SXZ45570	570	450	1
50	SXZ50570	570	450	1
52	SXZ52570	570	450	1

Other lengths available on request.

WE RECOMMEND SDS MAX DRILLS FOR ALL DRILLING APPLICATIONS ABOVE 20MM DIAMETER.

The unique zentro head geometry ensures precision drill holes



measure standard	style	material
METRIC	13mm HEX SHANK ZENTRO	CARBIDE TIP x4

Dia. mm	Code	OAL mm	FL mm	Pack qty
	HEX SHANK 13MM ZENTRO 4-CUTTER			
16	MHZ16280	280	130	1
18	MHZ18280	280	130	1
18	MHZ18400	400	250	1
20	MHZ20280	280	130	1
20	MHZ20400	400	250	1
22	MHZ22280	280	130	1
22	MHZ22400	400	250	1
25	MHZ25400	400	250	1

HOLLOWCOREBITS

SDS plus

SDSPLUSADAPTOR

SDS plus

CENTREPILOTDRILL

SDS plus

measure standard: METRIC | style: HOLLOW CORE | material: CARBIDE TIP | alpha

Core Dia mm	Code	OAL mm	Description	Pack qty
	HOLLOW CORE BITS			
30	HCB30X58	58	30mm Hollow Core Bit	1
40	HCB40X58	58	40mm Hollow Core Bit	1
45	HCB45X58	58	45mm Hollow Core Bit	1
50	HCB50X58	58	50mm Hollow Core Bit	1
65	HCB65X50	50	65mm Hollow Core Bit	1
80	HCB80X50	50	80mm Hollow Core Bit	1
90	HCB90X50	50	90mm Hollow Core Bit	1
100	HCB100X50	50	100mm Hollow Core Bit	1
110	HCB110X50	50	110mm Hollow Core Bit	1
125	HCB125X50	50	125mm Hollow Core Bit	1

	Code	OAL mm	Description	Pack qty
	SDS PLUS SHANK ADAPTOR			
	SPADP105	105	SDS Plus Shank Adaptor x 105mm	1
	SPADP220	220	SDS Plus Shank Adaptor x 220mm	1
	SPADP370	370	SDS Plus Shank Adaptor x 370mm	1

Drill Dia mm	Code	OAL mm	Description	Pack qty
	CENTRING PILOT DRILL FOR HOLLOW CORE DRILLS			
8	CDP080120	120	Centring Pilot Drill 8mm x 120mm	1

SDS-MAXCORECUTTER

For use in concrete, masonry and natural stone.

The Alpha Concrete Core Cutter is the modern tool for professional users. The one piece core cutter specially developed for the latest generation of powerful rotary hammers guarantees efficient drilling and superior life.

Unique head design presents decisive advantages!

Accurate spot drilling

Fast penetration rate thanks to chisel-shaped carbide teeth

Additional raker teeth to hollow out the entire core diameter, no chiselling out necessary

High volume flutes for fast removal of dust and debris

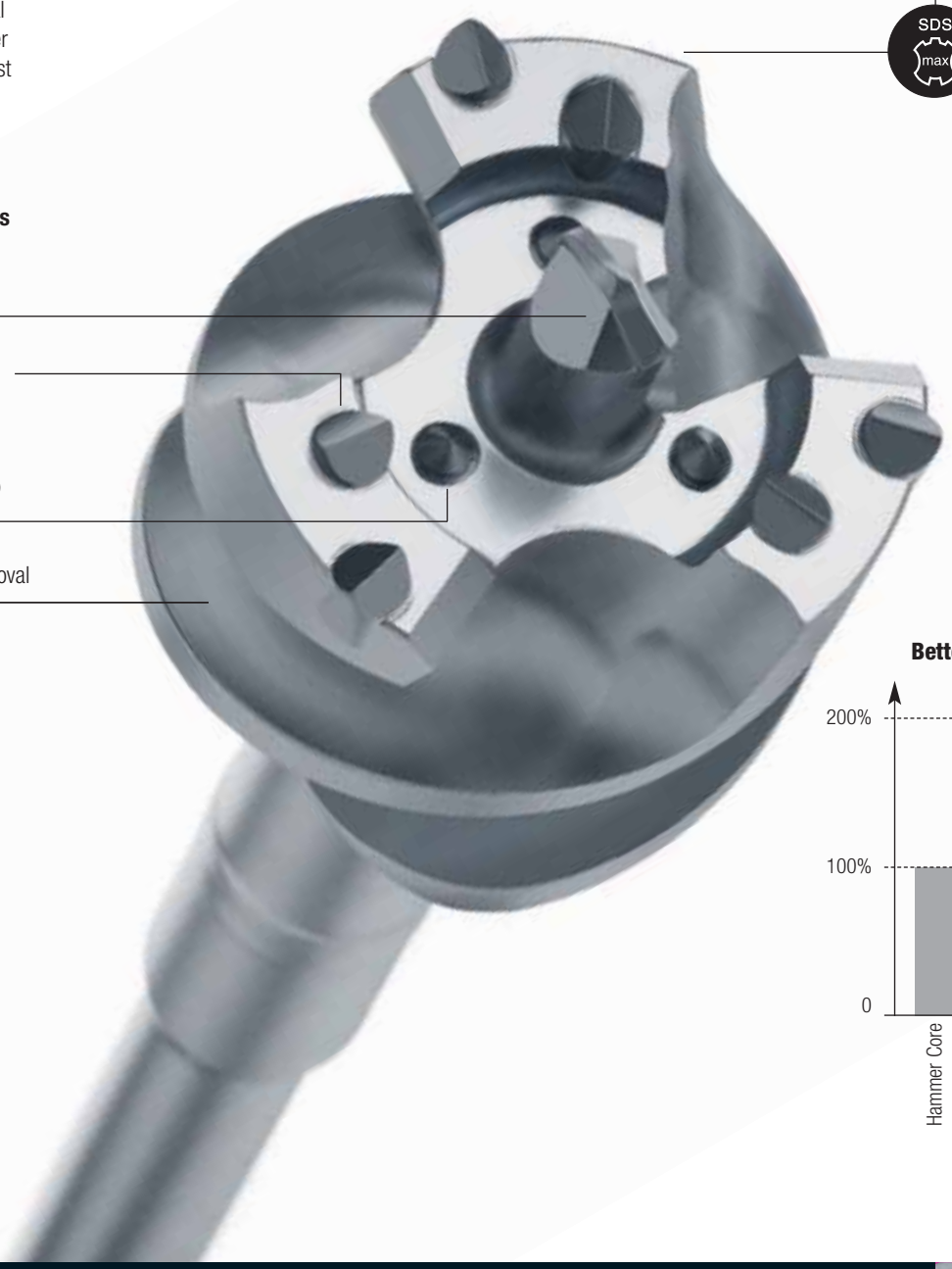
Long life expectancy

Low weight, reduced vibration

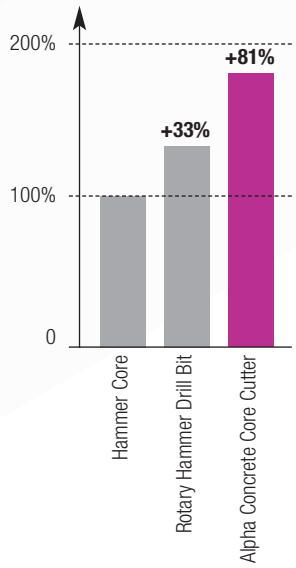
One-piece design transfers hammer energy to tool without damping losses

Straight, circular holes with flat base

Significantly improved performance when drilling steel reinforcement



Better performance



measure standard: METRIC | style: CONCRETE CORE CUTTER | material: CARBIDE TIP

Core Dia mm	Code	OAL mm	Description	Pack qty
	CONCRETE CORE CUTTER WITH SDS-MAX SHANK			
40	CCC40x310	310	One piece tunnel drill	1
40	CCC40x550	550	One piece tunnel drill	1
45	CCC45x310	310	One piece tunnel drill	1
45	CCC45x550	550	One piece tunnel drill	1
55	CCC55x310	310	One piece tunnel drill	1
55	CCC55x550	550	One piece tunnel drill	1
65	CCC65x310	310	One piece tunnel drill	1
65	CCC65x550	550	One piece tunnel drill	1
80	CCC80x310	310	One piece tunnel drill	1
80	CCC80x550	550	One piece tunnel drill	1

alpha by Sterling

SDSCHISELSPOINTED

Alpha SDS MAX and SDS PLUS fitments are available

SDSCHISELSFLAT

SDSCHISELSSPADE

SDSCHISELSHOLLOW

measure standard METRIC | style SDS PLUS — alpha

SDS Chisel	Code	Width mm	Length mm	Description	Pack qty
	SDS CHISELS				
PLUS	SPPC250		250	SDS Plus Pointed Chisel	50
PLUS	SPFC20250	20	250	SDS Plus Flat Chisel	50
PLUS	SPSC40250	40	250	SDS Plus Spade Chisel	20
PLUS	SPHOL250	22	250	SDS Plus Hollow Chisel	10

SDS plus

METRIC | style SDS MAX — alpha

SDS Chisel	Code	Width mm	Length mm	Description	Pack qty
	SDS CHISELS				
MAX	SXPC280		280	SDS Max Pointed Chisel	25
MAX	SXFC25280	25	280	SDS Max Flat Chisel	30
MAX	SXSC50400	50	400	SDS Max Spade Chisel	15
MAX	SXHOL300	26	300	SDS Max Hollow Chisel	10

SDS max

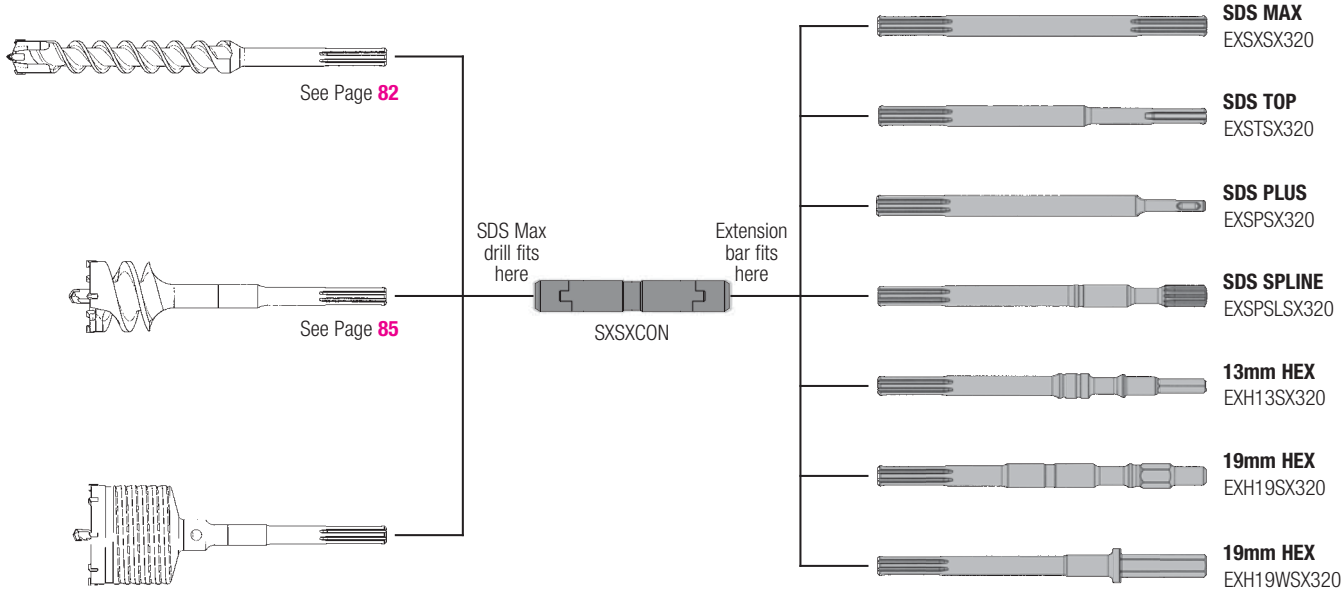
SDS MAX TO SDS PLUS ADAPTOR

Get the maximum out of your rotary hammer with the Alpha SDS MAX to SDS PLUS Adapter

DRECONNECT ADAPTOR SYSTEM

Make your rotary hammer so much more versatile
Now the full range of SDS Max accessories can fit almost any rotary hammer on the market

Select the extension to suit your rotary hammer

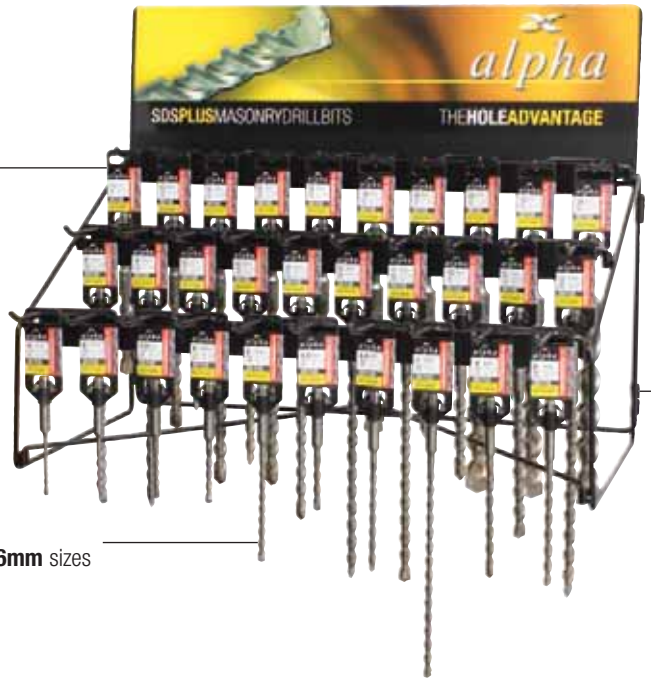


longer extensions are available up to 1100mm for extra deep drilling

measure standard: METRIC | style: CONNECT ADAPTOR

SDS	Code	OAL mm	Description	Pack qty
	SDS MAX TO SDS PLUS ADAPTOR			
MAX	SX-SPADP	400	SDS Max to SDS Plus Adaptor	1
	DRECONNECT ADAPTOR SYSTEM			
30	SXSXCON	190	DreConnect Adapter 30 x 190mm	1
	DRECONNECT EXTENSIONS			
PLUS	EXSPSX320	320	DreConnect Extension SDS Plus 320mm	1
MAX	EXSXSX1100	1100	DreConnect SDS MAX to MAX 1100mm Extension	1
MAX	EXSXSX320	320	SDS Max to SDS MAX Extension	1
MAX	EXSXSX750	750	SDS Max to SDS Max 750mm Extension	1
	For other extensions to suits your tool - Please enquire			

SDSPLUSMERCHANDISER



30 Hook Merchandiser

Code SDSPLDISP

4mm - 26mm sizes

merchandiser code

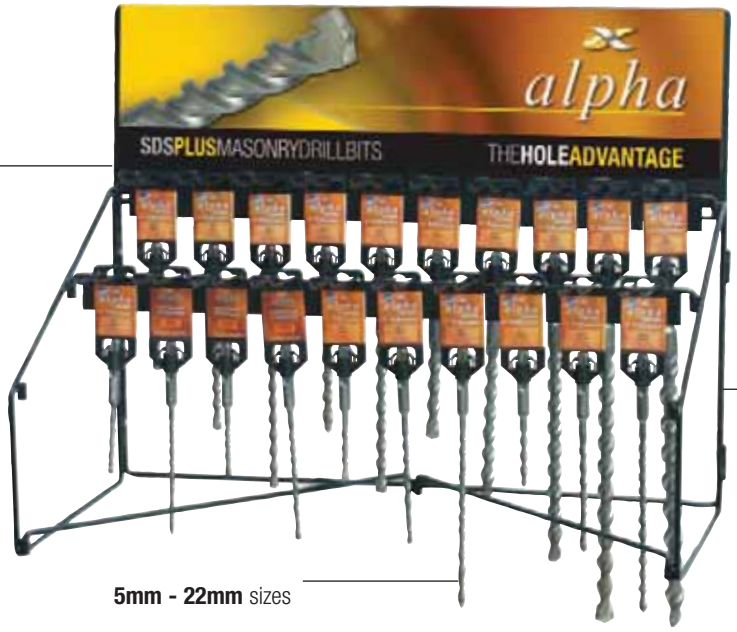
SDSPLDISP

style

30 HOOK SDS PLUS MASONRY DRILL MERCHANDISER

Drill Dia mm	Code	Description	Merchandiser qty
	SDS PLUS MASONRY DRILLS		
4	SP040110G	4 x 110mm SDS 4 Plus Masonry Drill	3
5	SP050110G	5 x 110mm SDS 4 Plus Masonry Drill	3
5.5	SP055110G	5.5 x 110mm SDS 4 Plus Masonry Drill	3
6	SP060110G	6 x 110mm SDS 4 Plus Masonry Drill	3
6	SP060160G	6 x 160mm SDS 4 Plus Masonry Drill	3
6.5	SP065110G	6.5 x 110mm SDS 4 Plus Masonry Drill	3
6.5	SP065160G	6.5 x 160mm SDS 4 Plus Masonry Drill	3
7	SP070250G	7 x 250mm SDS 4 Plus Masonry Drill	3
8	SP080110G	8 x 110mm SDS 4 Plus Masonry Drill	3
8	SP080160G	8 x 160mm SDS 4 Plus Masonry Drill	3
8	SP080210G	8 x 210mm SDS 4 Plus Masonry Drill	3
9	SP090210G	9 x 210mm SDS 4 Plus Masonry Drill	3
10	SP100110G	10 x 110mm SDS 4 Plus Masonry Drill	3
10	SP100160G	10 x 160mm SDS 4 Plus Masonry Drill	3
10	SP100210G	10 x 210mm SDS 4 Plus Masonry Drill	3
10	SP100260G	10 x 260mm SDS 4 Plus Masonry Drill	3
11	SP110260G	11 x 260mm SDS 4 Plus Masonry Drill	2
12	SP120160G	12 x 160mm SDS 4 Plus Masonry Drill	2
12	SP120210G	12 x 210mm SDS 4 Plus Masonry Drill	2
12	SP120260G	12 x 260mm SDS 4 Plus Masonry Drill	2
13	SP130160G	13 x 160mm SDS 4 Plus Masonry Drill	2
13	SP130210G	13 x 210mm SDS 4 Plus Masonry Drill	2
14	SP140260G	14 x 260mm SDS 4 Plus Masonry Drill	2
15	SP150260G	15 x 260mm SDS 4 Plus Masonry Drill	2
16	SP160160G	16 x 160mm SDS 4 Plus Masonry Drill	2
18	SP180200G	18 x 200mm SDS 4 Plus Masonry Drill	2
20	SP200200G	20 x 200mm SDS 4 Plus Masonry Drill	2
22	SP220250G	22 x 250mm SDS 4 Plus Masonry Drill	2
24	SP240250G	24 x 250mm SDS 4 Plus Masonry Drill	2
26	SP260250G	26 x 260mm SDS 4 Plus Masonry Drill	2

SDSXR3MERCHANDISER



20 Hook
Merchandiser

Code
XR3MASDISP

5mm - 22mm sizes

merchandiser code
XR3MASDISP

style
20 HOOK SDS XR3 MASONRY DRILL MERCHANDISER

Drill Dia mm	Code	Description	Merchandiser qty
	SDS XR3 MASONRY DRILLS		
5	SR050110G	5.0 x 110mm XR3 Masonry Drill	1
5	SR050160G	5.0 x 160mm XR3 Masonry Drill	3
5.5	SR055110G	5.5 x 110mm XR3 Masonry Drill	3
5.5	SR055160G	5.5 x 160mm XR3 Masonry Drill	3
6	SR060110G	6.0 x 110mm XR3 Masonry Drill	3
6	SR060160G	6.0 x 160mm XR3 Masonry Drill	3
6	SR060210G	6.0 x 210mm XR3 Masonry Drill	3
6.5	SR065110G	6.5 x 110mm XR3 Masonry Drill	3
6.5	SR065160G	6.5 x 160mm XR3 Masonry Drill	3
8	SR080110G	8.0 x 110mm XR3 Masonry Drill	3
8	SR080160G	8.0 x 160mm XR3 Masonry Drill	3
10	SR100160G	10.0 x 160mm XR3 Masonry Drill	2
10	SR100210G	10.0 x 210mm XR3 Masonry Drill	2
12	SR120160G	12.0 x 160mm XR3 Masonry Drill	2
12	SR120210G	12.0 x 210mm XR3 Masonry Drill	2
14	SR140260G	14.0 x 260mm XR3 Masonry Drill	2
16	SR160310G	16.0 x 310mm XR3 Masonry Drill	2
18	SR180310G	18.0 x 310mm XR3 Masonry Drill	1
20	SR200310G	20.0 x 310mm XR3 Masonry Drill	1
22	SR220450G	22.0 x 450mm XR3 Masonry Drill	1

SDSZENTROPLUSMERCHANDISERSMALL

20 Sizes
Merchandiser

Code
ZEN+DISP2

merchandiser code

ZEN+DISP2

style

20 HOOK SDS PLUS ZENTRO MASONRY DRILL MERCHANDISER

alpha

Drill Dia mm	Code	Description	Merchandiser qty
	SDS ZENTRO MASONRY DRILLS		
5	SPZ050110	5.0 x 110mm SDS Plus Zentro Masonry Drill	3
5	SPZ050160	5.0 x 160mm SDS Plus Zentro Masonry Drill	3
5.5	SPZ055110	5.5 x 110mm SDS Plus Zentro Maosnry Drill	3
5.5	SPZ055160	5.5 x 160mm SDS Plus Zetnro Maosnry Drill	3
6	SPZ060110	6.0 x 110mm SDS Plus Zentro Masonry Drill	3
6	SPZ060160	6.0 x 160mm SDS Plus Zentro Masonry Drill	3
6.5	SPZ065160	6.5 x 160mm SDS Plus Zentro Masonry Drill	2
6.5	SPZ065210	6.5 x 210mm SDS Plus Zentro Masonry Drill	2
8	SPZ080160	8.0 x 160mm SDS Plus Zentro Masonry Drill	2
8	SPZ080210	8.0 x 210mm SDS Plus Zentro Masonry Drill	2
10	SPZ100160	10.0 x 160mm SDS Plus Zentro Masonry Drill	2
10	SPZ100210	10.0 x 210mm SDS Plus Zentro Masonry Drill	2
12	SPZ120160	12.0 x 160mm SDS Plus Zentro Masonry Drill	2
12	SPZ120210	12.0 x 210mm SDS Plus Zentro Masonry Drill	2
16	SPZ160250	16 x 250mm SDS Plus Zentro Masonry Drill	1
18	SPZ180250	18 x 250mm SDS Plus Zentro Masonry Drill	1
20	SPZ200250	20 x 250mm SDS Plus Zentro Masonry Drill	1
22	SPZ220250	22 x 250mm SDS Plus Zentro Masonry Drill	1
24	SPZ240250	24 x 250mm SDS Plus Zentro Masonry Drill	1
25	SPZ250250	25 x 250mm SDS Plus Zentro Masonry Drill	1

SDSZENTROPLUSMERCHANDISERLARGE

30 Sizes
Merchandiser

Code
ZEN+DISP1

merchandiser code
ZEN+DISP1

style
30 HOOK SDS PLUS ZENTRO MASONRY DRILL MERCHANDISER

Drill Dia mm	Code	Description	Merchandiser qty
	SDS ZENTRO MASONRY DRILLS		
5	SPZ050110	5.0 x 110mm SDS Plus Zentro Masonry Drill	2
5	SPZ050160	5.0 x 160mm SDS Plus Zentro Masonry Drill	2
5.5	SPZ055110	5.5 x 110mm SDS Plus Zentro Masonry Drill	2
5.5	SPZ055160	5.5 x 160mm SDS Plus Zetnro Masonry Drill	2
6	SPZ060110	6.0 x 110mm SDS Plus Zentro Masonry Drill	2
6	SPZ060160	6.0 x 160mm SDS Plus Zentro Masonry Drill	2
6.5	SPZ065160	6.5 x 160mm SDS Plus Zentro Masonry Drill	2
6.5	SPZ065210	6.5 x 210mm SDS Plus Zentro Masonry Drill	2
8	SPZ080160	8.0 x 160mm SDS Plus Zentro Masonry Drill	2
8	SPZ080210	8.0 x 210mm SDS Plus Zentro Masonry Drill	2
10	SPZ100160	10.0 x 160mm SDS Plus Zentro Masonry Drill	1
10	SPZ100210	10.0 x 210mm SDS Plus Zentro Masonry Drill	1
12	SPZ120160	12.0 x 160mm SDS Plus Zentro Masonry Drill	1
12	SPZ120210	12.0 x 210mm SDS Plus Zentro Masonry Drill	1
14	SPZ140260	14.0 x 260mm SDS Plus Zentro Masonry Drill	1
16	SPZ160250	16 x 250mm SDS Plus Zentro Masonry Drill	1
16	SPZ160450	16 x 450mm SDS Plus Zentro Masonry Drill	1
18	SPZ180250	18 x 250mm SDS Plus Zentro Masonry Drill	1
20	SPZ200250	20 x 250mm SDS Plus Zentro Masonry Drill	1
20	SPZ200450	20 x 450mm SDS Plus Zentro Masonry Drill	1
22	SPZ220250	22 x 250mm SDS Plus Zentro Masonry Drill	1
22	SPZ220450	22 x 450mm SDS Plus Zentro Masonry Drill	1
24	SPZ240250	24 x 250mm SDS Plus Zentro Masonry Drill	1
24	SPZ240450	24 x 450mm SDS Plus Zentro Masonry Drill	1
25	SPZ250250	25 x 250mm SDS Plus Zentro Masonry Drill	1
25	SPZ250450	25 x 450mm SDS Plus Zentro Masonry Drill	1
28	SPZ280250	28 x 250mm SDS Plus Zentro Masonry Drill	1
30	SPZ300250	30 x 250mm SDS Plus Zentro Masonry Drill	1
30	SPZ300450	30 x 450mm SDS Plus Zentro Masonry Drill	1
32	SPZ320450	32 x 450mm SDS Plus Zentro Masonry Drill	1

SDSZENTRORANGEMERCHANDISER

18 Sizes
Merchandiser

Code
ZEN+DISP3

Merchandiser Dimensions
600H x 320W x 300D

merchandiser code
ZEN+DISP3

style
18 HOOK ZENTRO RANGE MERCHANDISER

Drill Dia mm	Code	Description	Merchandiser qty
	SDS ZENTRO MASONRY DRILLS		
5	SPZ050110	5.0 x 110mm SDS Plus Zentro Masonry Drill	2
5	SPZ050160	5.0 x 160mm SDS Plus Zentro Masonry Drill	2
5.5	SPZ055110	5.5 x 110mm SDS Plus Zentro Maosnry Drill	2
5.5	SPZ055160	5.5 x 160mm SDS Plus Zentro Maosnry Drill	2
6	SPZ060110	6.0 x 110mm SDS Plus Zentro Masonry Drill	2
6	SPZ060160	6.0 x 160mm SDS Plus Zentro Masonry Drill	2
6	SPZ060210	6.0 x 210mm SDS Plus Zentro Masonry Drill	2
6.5	SPZ065160	6.5 x 160mm SDS Plus Zentro Masonry Drill	2
8	SPZ080160	8.0 x 160mm SDS Plus Zentro Masonry Drill	2
8	SPZ080210	8.0 x 210mm SDS Plus Zentro Masonry Drill	2
10	SPZ100160	10.0 x 160mm SDS Plus Zentro Masonry Drill	2
10	SPZ100210	10.0 x 210mm SDS Plus Zentro Masonry Drill	2
12	SPZ120160	12.0 x 160mm SDS Plus Zentro Masonry Drill	1
12	SPZ120210	12.0 x 210mm SDS Plus Zentro Masonry Drill	1
14	SPZ140260	14.0 x 260mm SDS Plus Zentro Masonry Drill	1
16	SPZ160260	16.0 x 260mm SDS Plus Zentro Masonry Drill	1
18	SPZ180250	18.0 x 250mm SDS Plus Zentro Masonry Drill	1
20	SPZ200250	20.0 x 250mm SDS Plus Zentro Masonry Drill	1

SDSMAXZENTROMERCHANDISER

20 Sizes
Merchandiser

Code
MAXDISP

Merchandiser Dimensions
440H x 530W x 270D

merchandiser code
MAXDISP

style
20 HOOK SDS MAX MASONRY DRILL MERCHANDISER

Drill Dia mm	Code	Description	Merchandiser qty
	SDS MAX ZENTRO MASONRY DRILLS		
12	SXZ12340	12 x 340mm SDS MAX Zentro Masonry Drill	1
12	SXZ12340	12 x 340mm SDS MAX Zentro Masonry Drill	1
14	SXZ14340	14 x 340mm SDS MAX Zentro Masonry Drill	1
14	SXZ14540	14 x 540mm SDS MAX Zentro Masonry Drill	1
16	SXZ16340	16 x 340mm SDS MAX Zentro Masonry Drill	1
16	SXZ16540	16 x 540mm SDS MAX Zentro Masonry Drill	1
18	SXZ18340	18 x 340mm SDS MAX Zentro Masonry Drill	1
18	SXZ18540	18 x 540mm SDS MAX Zentro Masonry Drill	1
20	SXZ20320	20 x 320mm SDS MAX Zentro Masonry Drill	1
20	SXZ20520	20 x 520mm SDS MAX Zentro Masonry Drill	1
22	SXZ22320	22 x 320mm SDS MAX Zentro Masonry Drill	1
22	SXZ22520	22 x 520mm SDS MAX Zentro Masonry Drill	1
24	SXZ24320	24 x 320mm SDS MAX Zentro Masonry Drill	1
25	SXZ25320	25 x 320mm SDS MAX Zentro Masonry Drill	1
25	SXZ25520	25 x 520mm SDS MAX Zentro Masonry Drill	1
26	SXZ26520	26 x 520mm SDS MAX Zentro Masonry Drill	1
28	SXZ28370	28 X 370mm SDS MAX Zentro Masonry Drill	1
30	SXZ30370	30 x 370mm SDS MAX Zentro Masonry Drill	1
32	SXZ32370	32 x 370mm SDS MAX Zentro Masonry Drill	1
35	SXZ35570	35 x 570mm SDS MAX Zentro Masonry Drill	1
38	SXZ38370	38 x 370mm SDS MAX Zentro Masonry Drill	1

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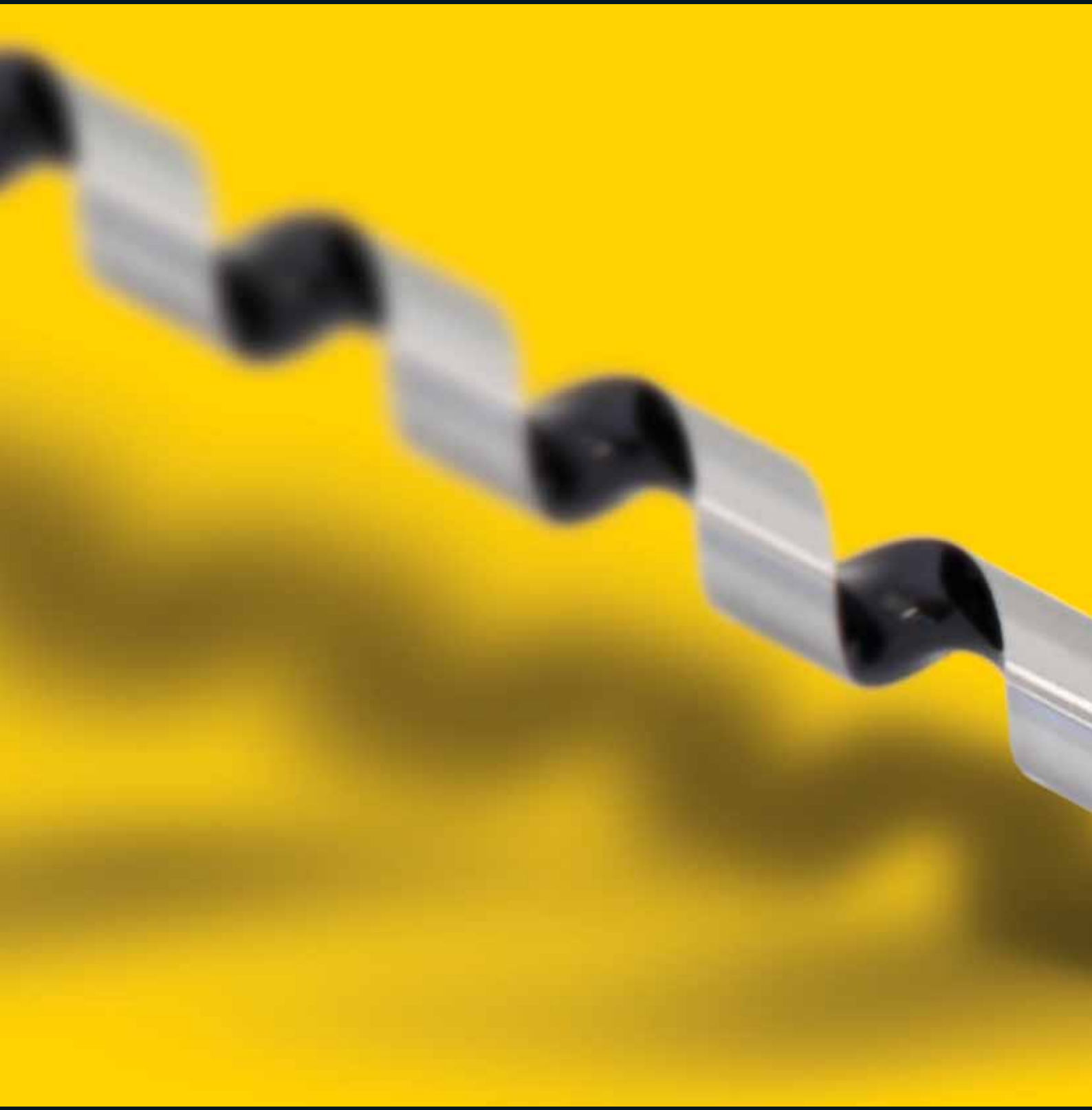

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PAGE

96 **TURBOMAX AUGER BITS**

97 **TURBO-BORE SPADE BITS**

98 **SCOTCH PATTERN AUGERS**

99 **SHIPPER AUGERS**

101 **HEAVY DUTY AUGERS**

TURBOMAXAUGERBITS

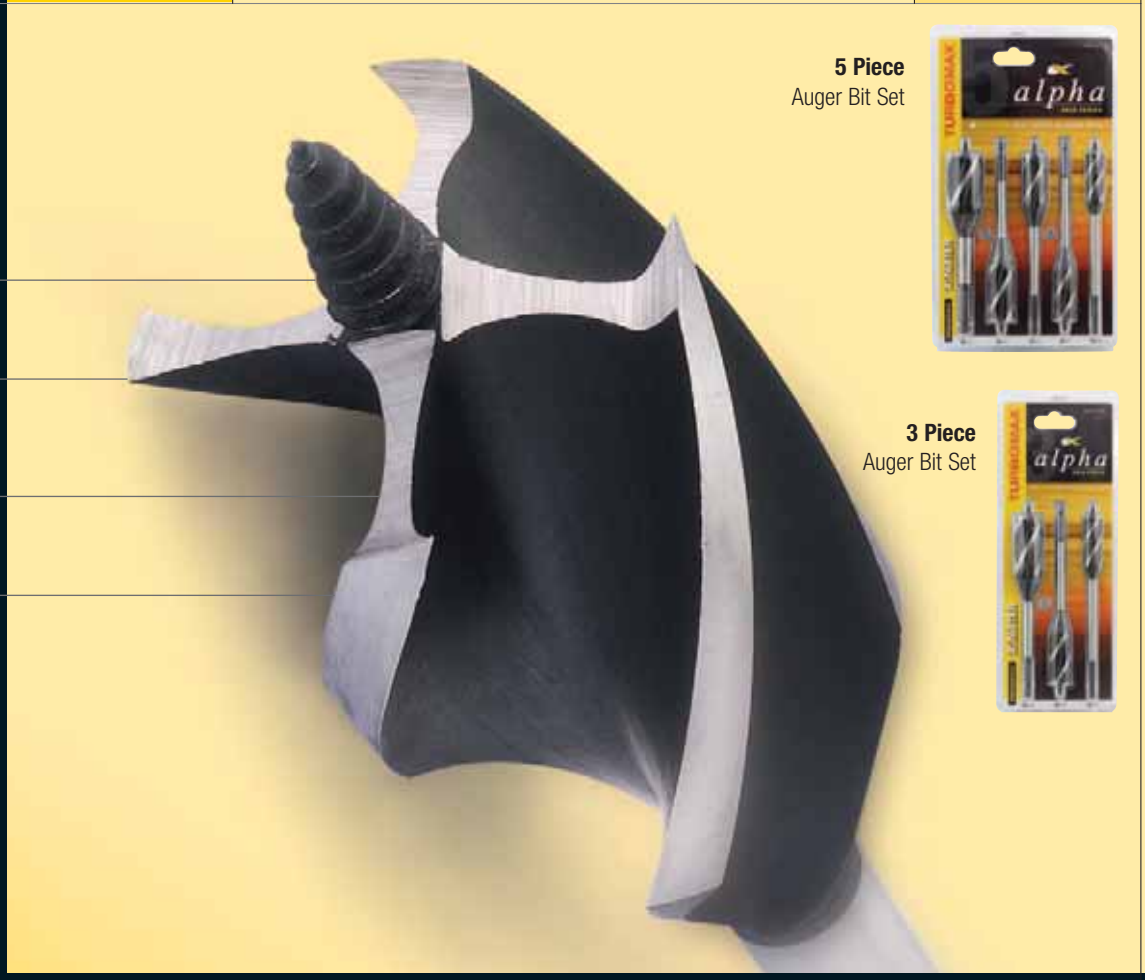
4 cutter auger bit with screw tip for effortless feed and spurs for cleaner faster cutting

measure standard	style	material
METRIC	AUGER 1/4" HEX	HSS 4 CUTTER

Drill Dia. mm	Code	OAL mm	FL. mm	Shank Dia. mm	Pack qty
	TURBOMAX AUGER BITS				
10	TS4C-10	165	55	1/4	10
13	TS4C-13	165	55	1/4	10
16	TS4C-16	165	70	1/4	10
19	TS4C-19	165	70	1/4	10
22	TS4C-22	165	80	1/4	10
25	TS4C-25	165	90	1/4	10
32	TS4C-32	165	90	7/16	10

SUPPLIED IN RETAIL HANG CARD

Drill Dia. mm	Code	Description	Pack
	TURBOMAX AUGER BIT SETS		
16-25	TS4C-SET3	3 pce Turbomax Auger Bit Set 16, 19, 25mm	1
16-32	TS4C-SET5	5 pce Turbomax Auger Bit Set 16, 19, 22, 25, 32mm	1



TURBO-BORE SPADE BITS

Double outside spurs provide a cleaner hole and reduce vibration
Unique twist design cuts faster than standard spade bits

measure standard: METRIC | style: SPADE BIT 1/4' HEX | material: HSS TWIST GROOVE

Size mm	Code	Size inches	Pack qty
	TURBO-BORE SPADE BITS		
6	TS08-06	1/4	50
8	TS08-08	5/16	50
10	TS08-10	3/8	50
11	TS08-11	7/16	50
12	TS08-12	1/2	50
13	TS08-13	33/64	50
14	TS08-14	9/16	50
15	TS08-15	9/32	50
16	TS08-16	5/8	50
18	TS08-18	11/16	50
19	TS08-19	3/4	50
20	TS08-20	13/16	50
22	TS08-22	7/8	50
24	TS08-24	15/16	50
25	TS08-25	1	50
28	TS08-28	1-1/8	50
30	TS08-30	1-3/16	40
32	TS08-32	1-1/4	40
35	TS08-35	1-3/8	25
38	TS08-38	1-1/2	25
40	TS08-40	1-9/16	25
	SUPPLIED IN CARDED HANG PACKS		

OAL mm	Code	Description	Pack qty
	SPADE BITS EXTENSIONS		
65	CMBHQR65	65mm Extension - Quick Release - see page 230	40
150	CMBHQR150	150mm Extension - Quick Release - see page 230	30
150	TS08-EXT150	150mm Extension Bar with Grub Screw - supplied with Allen Key	1
300	TS08-EXT300	300mm Extension Bar with Grub Screw - supplied with Allen Key	1
	SUPPLIED IN CARDED HANG PACKS		

TS08-EXT150

	Code	Description	Pack qty
	SPADE BITS SET		
	TS08-SET8	8 pce Spade Bit Set with 150mm Extension Bar + Allen Key Sizes: 10, 12, 16, 20, 22, 25, 32mm	10
	AVAILABLE IN COUNTER MERCHANDISER BOX OF 10		

WOODAUGERDRILLBITS

Hex shank / has a Mathieson type twist ideal for drilling Hardwood timbers

measure standard: METRIC | style: SCOTCH PATTERN AUGER | material: HSS TWIN CUTTING EDGES | alpha

Drill Dia. mm	Code	Dia. inches	OAL mm	FL. mm	Hex Shank mm	Pack qty
	WOOD AUGER DRILL BITS					
6	WAS060230	1/4	230	140	6	1
8	WAS080230	5/16	230	140	6	1
8	WAS080460	5/16	460	370	6	1
10	WAS100220	3/8	220	130	8	1
10	WAS100330	3/8	330	240	8	1
11	WAS110330	7/16	330	240	8	1
11	WAS110440	7/16	440	350	8	1
12	WAS120220	1/2	220	130	10	1
12	WAS120330	1/2	330	240	10	1
12.7	WAS127230	1/2	230	140	10	1
14	WAS140230	9/16	230	140	10.8	1
14	WAS140330	9/16	330	240	10.8	1
16	WAS160220	5/8	220	130	10.8	1
16	WAS160330	5/8	330	240	10.8	1
17	WAS170330	5/8	330	240	10.8	1
18	WAS180230	23/32	230	140	10.8	1
19	WAS190220	3/4	220	130	10.8	1
19	WAS190330	3/4	330	240	10.8	1
19	WAS190440	3/4	440	350	10.8	1
20	WAS200220	25/32	220	130	10.8	1
20	WAS200330	25/32	330	240	10.8	1
21	WAS210220	13/16	220	130	10.8	1
21	WAS210330	13/16	330	240	10.8	1
22	WAS220220	7/8	220	130	10.8	1
22	WAS220330	7/8	330	240	10.8	1
22	WAS220440	7/8	440	350	10.8	1
24	WAS240330	15/16	330	240	10.8	1
25	WAS250220	1	220	130	10.8	1
25	WAS250330	1	330	240	10.8	1
25	WAS250440	1	440	350	10.8	1
28	WAS280460	1	460	370	10.8	1
28	WAS280600	1	600	510	10.8	1
30	WAS300330	1-3/16	330	240	10.8	1

SUPPLIED IN HANGABLE PLASTIC TUBE

WOODAUGERDRILLBITS

Hex shank / has a Mathieson type twist ideal for drilling Hardwood timbers

measure standard
METRIC

style
SHIPPER AUGER

material
1/4" HEX SHANK

Drill Dia. mm	Code	Dia. inches	OAL mm	FL. mm	Pack qty
	WOOD AUGER DRILL BITS - QUICK RELEASE				
6	WAQR060090	1/4	90	50	1
6	WAQR060160	1/4	160	100	1
8	WAQR080090	5/16	90	50	1
8	WAQR080170	5/16	170	110	1
9	WAQR090100	23/64	100	60	1
9	WAQR090180	23/64	180	110	1
10	WAQR100100	3/8	100	60	1
10	WAQR100190	3/8	190	120	1
12	WAQR120100	1/2	100	60	1
12	WAQR120190	1/2	190	120	1
15	WAQR150120	19/32	120	70	1
15	WAQR150200	19/32	200	130	1
18	WAQR180200	23/32	200	130	1
21	WAQR210210	53/64	210	140	1
24	WAQR240210	15/16	210	140	1

SUPPLIED IN HANGABLE PLASTIC TUBE

WOODAUGERDRILLBITS

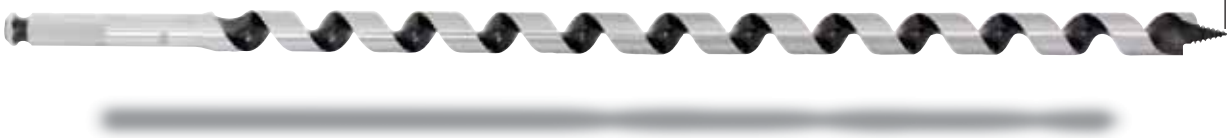
Hex shank / clean cut auger / best suited for soft wood applications

measure standard	style	material
METRIC	SHIPPER AUGER	HSS

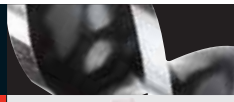
Drill Dia. mm	Code	Dia. inches	OAL mm	FL. mm	Hex Shank mm	Pack qty
	WOOD AUGER DRILL BITS					
6	WA060200	1/4	200	130	5	1
6	WA060450	1/4	450	390	5	1
8	WA080200	5/16	200	130	6	1
8	WA080450	5/16	450	390	6	1
8	WA080600	5/16	600	530	6	1
10	WA100200	3/8	200	130	8	1
10	WA100460	3/8	460	390	8	1
10	WA100600	3/8	600	530	8	1
12	WA120200	1/2	200	130	10	1
12	WA120460	1/2	460	390	10	1
12	WA120600	1/2	600	530	10	1
14	WA140200	9/16	200	130	10.8	1
14	WA140450	9/16	450	390	10.8	1
14	WA140600	9/16	600	530	10.8	1
15	WA150200	19/32	200	130	10.8	1
16	WA160200	5/8	200	130	10.8	1
16	WA160450	5/8	450	390	10.8	1
16	WA160600	5/8	600	530	10.8	1
18	WA180200	23/32	200	130	10.8	1
18	WA180450	23/32	450	390	10.8	1
18	WA180600	23/32	600	530	10.8	1
20	WA200200	25/32	200	130	10.8	1
20	WA200450	25/32	450	390	10.8	1
20	WA200600	25/32	600	530	10.8	1
21	WA210210	53/64	210	140	10.8	1
22	WA220200	7/8	200	130	10.8	1
22	WA220450	7/8	450	390	10.8	1
22	WA220600	7/8	600	530	10.8	1
24	WA240200	15/16	200	130	10.8	1
24	WA240600	15/16	600	530	10.8	1
25	WA250200	1	200	130	10.8	1
25	WA250450	1	450	390	10.8	1
26	WA260200	1	200	360	10.8	1
26	WA260600	1	600	530	10.8	1
28	WA280200	1-1/8	200	130	10.8	1
28	WA280600	1-1/8	600	530	10.8	1
30	WA300200	1-3/16	200	130	10.8	1
30	WA300450	1-3/16	450	390	10.8	1
30	WA300600	1-3/16	600	530	10.8	1
32	WA320200	1-1/4	200	130	10.8	1
32	WA320600	1-1/4	600	530	10.8	1
34	WA340600		600	530	10.8	1
35	WA350200		200	360	10.8	1
36	WA360200		200	360	10.8	1
36	WA360600		600	530	10.8	1
	SUPPLIED IN PLASTIC TUBE					

WOODAUGERDRILLBITS

Heavy duty / ideal for hardwood drilling / hardened tip for durability



measure standard: METRIC | style: HEAVY DUTY AUGER | material: HARDENED TIP



Drill Dia. mm	Code	Dia. inches	OAL mm	FL. mm	Pack qty
	WOOD AUGER DRILL BITS				
10	WAH100457	3/8	470	394	1
11	WAH110457	7/16	470	394	1
12	WAH120457	1/2	470	394	1
12.7	WAH127457	1/2	470	394	1
14	WAH140457	9/16	470	394	1
16	WAH160457	5/8	470	394	1
18	WAH180457	23/32	470	394	1
19	WAH190457	3/4	470	394	1
22	WAH220457	7/8	470	394	1
25	WAH250457	1	470	394	1
29	WAH290457	-	470	394	1
32	WAH320457	1-1/4	470	394	1

SUPPLIED IN PLASTIC TUBE

measure standard: METRIC | style: WAH WOOD AUGER EXTENSION BAR | material: 1/4" HEX SHANK

	Code	OAL mm	Description	Pack qty
	WOOD AUGER DRILL BITS			
	WAH-EXT140	140	140mm Extension Bar to suit WAH Wood Augers	1
	WAH-EXT305	305	305mm Extension Bar to suit WAH Wood Augers	1
	WAH-EXT460	460	460mm Extension Bar to suit WAH Wood Augers	1

SUPPLIED IN HANGABLE PLASTIC TUBE

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106 **BI-METAL HOLESAWS**

107 **HOLECUTTERS**

108 **BI-METAL HOLESAW KITS**

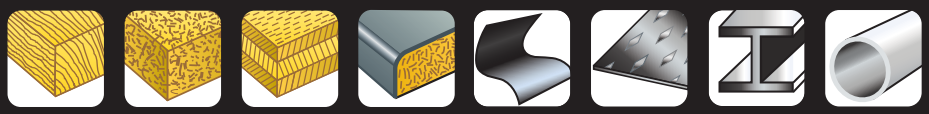
109 **ARBORS**

110 **PRO-FIT MULTIPURPOSE TCT HOLESAW KITS**

111 **PRO-FIT TCT HOLESAWS**

HOLESAWS

Hole saws ensure **fast, accurate hole cutting** in ***tough, fracture resistant HSS Bi-Metal.*** Maximum cutting depth for all sizes is 32mm. Recommended for *steel, cast iron, lightweight alloys, aluminium, brass, wood* and *plastics.*



Pilot drill must extend the edge of the holesaw by 3mm

Can be used in drill presses, lathes and portable electric drills with corresponding speeds and adequite power output

Experience Alpha's outstanding range of superior holesaws

BEST USE

alpha™ by Sterling

alpha™

Here are some best use tips to help get the best from your holesaws:

- **The pilot drill must extend beyond the edge of the hole saw teeth by 1/8" (3mm)**
- Always secure the material to be cut to ensure the turning action of the hole saw does not cause the work piece to spin or slip
- **Can be used in drill presses, lathes, portable electric drills with corresponding speeds and adequate power output**
- Start the hole saw square to the work piece with steady feed pressure. Unbalanced tooth engagement will result in erratic hole saw action and tooth strippage
- **Care should be taken to ensure the proper direction of rotation**

- Select proper speed for material from operating speed chart
- **Use a high-quality cutting oil to assist chip clearance and blade lubrication with metals (except cast iron). Petroleum cutting oil ensures smoother operation and longer service life with aluminium**
- When working at the upper ranges of the hole saws capacity, they should be worked in and out to help clear chips
- **Occasionally check the mandrels drive pins to prevent them from vibrating out of the hole saws drive pin holes**
- Apply even pressure (if possible at right angles to the work piece) to prevent damage to teeth
- **Avoid overheating the hole saw**
- Always wear eye protection

These parts have no connection with the proprietors of the registered trademarks. PHILLIPS is a registered trademarks of the Phillips Screw Company.

HOLESAWS BI-METAL

4/6 variable tooth / 35mm (1-3/8") cutting depth

measure standard	style	material
METRIC	HOLESAW	M42 COBALT BI-METAL

Dia. mm	Code	Holsaw dia. inches	Pack qty
	HOLESAWS - BI-METAL WHITE SERIES		
14	HSV14	9/16	1
16	HSV16	5/8	1
17	HSV17	11/16	1
19	HSV19	3/4	1
20	HSV20	25/32	1
21	HSV21	13/16	1
22	HSV22	7/8	1
24	HSV24	15/16	1
25	HSV25	1	1
27	HSV27	1-1/16	1
29	HSV29	1-1/8	1
30	HSV30	1-3/16	1
32	HSV32	1-1/4	1
33	HSV33	1-5/16	1
35	HSV35	1-3/8	1
37	HSV37	1-7/16	1
38	HSV38	1-1/2	1
40	HSV40	1-9/16	1
41	HSV41	1-5/8	1
43	HSV43	1-11/16	1
44	HSV44	1-3/4	1
45	HSV45	1-25/32	1
46	HSV46	1-13/16	1
48	HSV48	1-7/8	1
50	HSV50	1-31/32	1
51	HSV51	2	1
52	HSV52	2-1/16	1
54	HSV54	2-1/8	1
55	HSV55	2-5/32	1
57	HSV57	2-1/4	1
59	HSV59	2-5/16	1
60	HSV60	2-3/8	1
64	HSV64	2-1/2	1
65	HSV65	2-9/16	1
67	HSV67	2-5/8	1
68	HSV68	2-21/32	1
70	HSV70	2-3/4	1
73	HSV73	2-7/8	1
75	HSV75	2-15/16	1
76	HSV76	3	1
79	HSV79	3-1/8	1
83	HSV83	3-1/4	1
86	HSV86	3-3/8	1
89	HSV89	3-1/2	1
92	HSV92	3-5/8	1
95	HSV95	3-3/4	1

UNIQUE VARIABLE TOOTH GEOMETRY FOR CONSISTENT CUTTING ABILITY IN A WIDE RANGE OF MATERIALS

MADE IN USA TO SUIT DEMANDING AUSTRALIAN CONDITIONS

8% COBALT BI-METAL GIVES ULTIMATE PERFORMANCE & SUPERIOR WELDING TECHNOLOGY PREVENTS TOOTH STIPPAGE

4/6 variable tooth / 35mm (1-3/8") cutting depth

measure standard	style	material
METRIC	HOLESAW	M42 COBALT BI-METAL

Dia. mm	Code	Holsaw dia. inches	Pack qty
	HOLESAWS - BI-METAL WHITE SERIES		
98	HSV98	3-7/8	1
100	HSV100	3-15/16	1
102	HSV102	4	1
105	HSV105	4-1/8	1
108	HSV108	4-1/4	1
111	HSV111	4-3/8	1
114	HSV114	4-1/2	1
121	HSV121	4-3/4	1
127	HSV127	5	1
140	HSV140	5-1/2	1
146	HSV146	5-3/4	1
152	HSV152	6	1
160	HSV160	6-1/4	1
168	HSV168	6-1/4	1
177	HSV177	6-1/4	1
185	HSV185	6-1/4	1
200	HSV200	6-1/4	1
210	HSV210	6-1/4	1
250	HSV250	6-1/4	1

measure standard	style	material
METRIC	HOLECUTTERS	HSS & TCT

Dia. mm	Code	Description	Pack qty
	HOLESAWS - HSS HOLE CUTTERS		
15	HCS15	15mm HSS Hole Cutter Complete with Arbor	1
16	HCS16	16mm HSS Hole Cutter Complete with Arbor	1
20	HCS20	20mm HSS Hole Cutter Complete with Arbor	1
22	HCS22	22mm HSS Hole Cutter Complete with Arbor	1
25	HCS25	25mm HSS Hole Cutter Complete with Arbor	1
32	HCS32	32mm HSS Hole Cutter Complete with Arbor	1
40	HCS40	40mm HSS Hole Cutter Complete with Arbor	1
65	HCS65	65mm HSS Hole Cutter Complete with Arbor	1

Dia. mm	Code	Description	Pack qty
	HOLESAWS - TCT HOLE CUTTERS		
16	HCSTCT16	15mm TCT Hole Cutter Complete with Arbor	1
19	HCSTCT19	19mm TCT Hole Cutter Complete with Arbor	1
20	HCSTCT20	20mm TCT Hole Cutter Complete with Arbor	1
22	HCSTCT22	22mm TCT Hole Cutter Complete with Arbor	1
25	HCSTCT25	25mm TCT Hole Cutter Complete with Arbor	1
32	HCSTCT32	32mm TCT Hole Cutter Complete with Arbor	1
40	HCSTCT40	40mm TCT Hole Cutter Complete with Arbor	1

HOLESAWKITS

4/6 variable tooth / 35mm (1-3/8") cutting depth

Electrician Holesaw Kit
9 Piece Set

Plumber Holesaw Kit
9 Piece Set

Locksmith Holesaw Kit
8 Piece Set

Tradesman Holesaw Kit
12 Piece Set

measure standard	style	material	alpha
METRIC	HOLESAW KIT	M42 COBALT BI-METAL	

	Code	Description	CTN qty
	BI-METAL HOLESAW KITS WHITE		
	HSKTR12	**12 Piece Tradesman Holesaw Kit** 16,19,22,29,35,38,44,51,54,64mm, Adapter, Small & Large Quick Release Arbors	10
	HSKEL9	**9 Piece Electrician Holesaw Kit** 20,22,25,32,40,51,70mm, Adapter, Small & Large Quick Release Arbors	10
	HSKPL9	**9 Piece Plumber Holesaw Kit** 19,22,29,38,44,51,57mm, Adapter, Small & Large Quick Release Arbors	10
	HSKL08	**8 Piece Locksmith Holesaw Kit** 15,16,20,25,35,54mm, Adapter, Small & Large Quick Release Arbors	10

ARBORS 14-30MM HOLESAWS

Suit 14-30mm holesaws

ARB-1
- Small Arbor
- Hex shank

Suit 14-30mm holesaws

ARBSP-1
- Small Arbor
- SDS Shank

ARBORS 32-198MM HOLESAWS

Suit 32-198mm holesaws

ARB-2
Large Hex shank
heavy duty screw
up design

Suit 32-198mm holesaws

ARB-3
Large quick release
hex shank

Suit 32-198mm holesaws

ARBSP-2
SDS shank
Screw up design

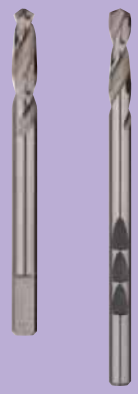
measure standard: METRIC | style: ARBORS & PILOT DRILLS | material: HSS

Shank Size (Inches)	Code	To Suit Holesaw Size	Pilot Drill(s)	Description	Pack qty
	ARBORS				
11/32	**ARB-1**	14 - 30mm	PLD-1	Small Arbor - Quick Release Hex Shank suits 10mm (3/8") chucks	6
SDS Plus	**ARBSP-1**	14 - 30mm	PLD-1	Small Arbor - SDS Shank	6
11/32	**ARB-4**	14 - 30mm	PLD-1 / PLD-3	Small Arbor Kit - includes ARB-1 + PLD-3 TCT Pilot Drill (suits Bi-Metal + TCT Holesaws)	6
7/16	**ARB-2**	32 - 198mm	PLD-2	Large Arbor - Hex Shank suits 12mm (1/2") chucks	6
SDS Plus	**ARBSP-2**	32 - 198mm	PLD-1	Large Arbor - SDS Shank	6
11/32	**ARB-3**	32 - 198mm	PLD-1	Large Arbor - Quick Release Hex Shank suits 10mm (3/8") chucks	6
7/16	**ARB-5**	32 - 198mm	PLD-2 / PLD-4	Large Arbor Kit - includes ARB-2 + PLD-4 TCT Pilot Drill (suits Bi-Metal + TCT Holesaws)	6

Shank Size (Inches)	Code	Suits Arbor	Suits Holesaw	Description	Pack qty
	PILOT DRILLS				
1/4 (6.35mm)	**PLD-1**	ARB-1 / ARB-3	Bi-Metal	89mm Long (3-1/2") Pilot hole drill for Bi-Metal Holesaws	30
1/4 (6.35mm)	**PLD-2**	ARB-2	Bi-Metal	114mm Long (4-1/2") Pilot hole drill for Bi-Metal Holesaws	20
1/4 (6.35mm)	**PLD-3**	ARB-1 / ARB-3	TCT	89mm Long (3-1/2") Pilot hole drill for TCT Holesaws	20
1/4 (6.35mm)	**PLD-4**	ARB-2	TCT	114mm Long (4-1/2") Pilot hole drill for TCT Holesaws	20

	Code	Description	Pack qty
	ADAPTOR		
	ARB-ADP	Adaptor to convert small to large arbors	1
	SUPPLIED ON INDIVIDUAL CARD		

PLD-1 PLD-2



ARB-ADP

PRO-FIT MULTIPURPOSE TCT HOLESAW KIT

Product image is for illustration purposes only.

measure standard: METRIC | style: HOLESAW KITS | material: TUNGSTEN CARBIDE TIP | PRO FIT

Code	Description	Pack qty
TCT HOLESAW KITS		
HSTCTKPL8	8 Piece Plumbers TCT Holesaw Kit 22, 25, 32, 44, 51, 54mm + Small & Large Arbor	1
HSTCTKEL12	12 Piece Electricians TCT Holesaw Kit 20, 22, 25, 32, 40, 51, 70, 92mm Adapter, Small & Large Arbors + Pilot Drill	1
HSTCTKTR16	16 Piece Tradesmans TCT Holesaw Kit 16, 20, 22, 25, 32, 35, 38, 44, 51, 54, 64mm Adapter, Small & Large Arbors + 2x Pilot Drills	1

PRO-FIT MULTIPURPOSE TCT HOLESAWS

Cuts up to 5 times faster / Ideal for wood, pressed wood products, particle-board, ceramic materials like wall tiles, plastic & soft stone material

measure standard: METRIC | style: MULTIPURPOSE HOLESAW | material: TUNGSTEN CARBIDE TIP | PRO FIT

Dia. mm	Code	Dia inches	Pack qty
	MULTIPURPOSE TCT HOLESAWS		
16	HSTCT-16	5/8	1
20	HSTCT-20	25/32	1
22	HSTCT-22	7/8	1
25	HSTCT-25	1	1
27	HSTCT-27	1 - 1/16	1
30	HSTCT-30	1 - 3/16	1
32	HSTCT-32	1 - 1/4	1
35	HSTCT-35	1 - 3/8	1
38	HSTCT-38	1 - 1/2	1
40	HSTCT-40	1 - 9/16	1
44	HSTCT-44	1 - 3/4	1
50	HSTCT-50	1 - 31/32	1
51	HSTCT-51	2	1
54	HSTCT-54	2 - 1/8	1
57	HSTCT-57	2 - 1/4	1
60	HSTCT-60	2 - 3/8	1
64	HSTCT-64	2 - 1/2	1
67	HSTCT-67	2 - 5/8	1
68	HSTCT-68	2 - 21/32	1
70	HSTCT-70	2 - 3/4	1
73	HSTCT-73	2 - 7/8	1
76	HSTCT-76	3	1
80	HSTCT-80	3 - 1/8	1
82	HSTCT-82	3 - 7/32	1
86	HSTCT-86	3 - 3/8	1
89	HSTCT-89	3 - 1/2	1
92	HSTCT-92	3 - 5/8	1
102	HSTCT-102	4	1
114	HSTCT-114	4 - 1/2	1
125	HSTCT-125	5	1
140	HSTCT-140	5 - 1/2	1
152	HSTCT-152	6	1

SUPPLIED IN PRINTED BOX

Did you know?

PRO-FIT TCT HOLESAWS ARE BRILLIANT FOR DRILLING COMPRESSED FIBRE CEMENT SHEETING

ONECUTAH

EAD

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PAGE

114 **JIGSAW BLADES**

133 **RECIPROCATING BLADES**

147 **HACKSAW BLADES**

147 **AIR HACKSAW BLADES**

147 **MPS AIR HACKSAW BLADES**

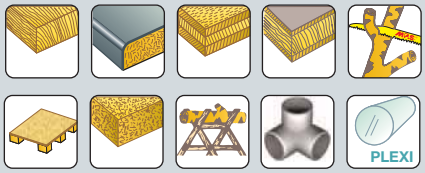
Blade Steel Type

It's not "just steel"!

alpha

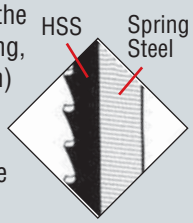
The diverse areas of work encountered by MPS blades each require their own range of steel qualities. This guarantees the best possible material performance over long life spans. For this reason, the choice between CV, HSS, Bi-Metal and HM models must be carefully evaluated to achieve the best result.

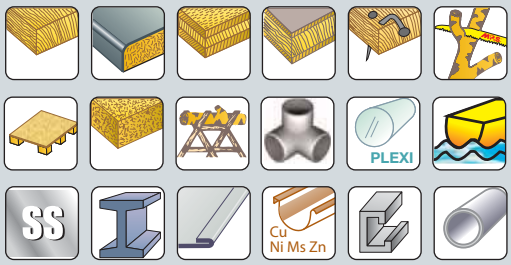
CV High-alloyed Chrome Vanadium steel is used for work on softer materials such as wood, fibreboard and synthetic materials.



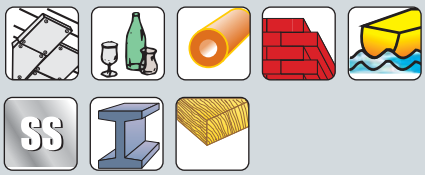
HSS High Speed Steel, hardened in a vacuum furnace, is used for work on harder materials such as metals (iron and steel), aluminium and non-ferrous metals.

Bi-Metal Bimetal 65-67 Hrc - the perfect combination of flexibility (due to the spring steel, which despite bending, always returns to its original form) and durability, thanks to the HSS strips manufactured with Cobalt, which are welded on. Bimetals are hardened in a vacuum furnace. Suited to work on woods and metals.





HM Carbide, high abrasion resistance = longest life. Carbide HM blades are suitable for all areas of use.



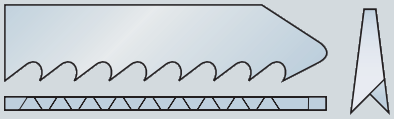
Material Quality and Areas of Use

Material					SS
CV	●				
HSS		●			
Bi-Metal	●	●		●	●
HM	●	●	●	●	●

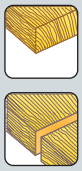
Optimum Cuts

Specific Cutting Techniques for Optimum Cuts

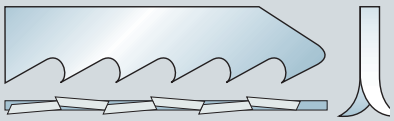
CT Cross-ground, tapered



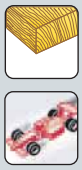
The wood grain is cut by the slanted angle of the tooth. CT ground edges don't come in contact with the saw kerf and therefore produce extra-clean cuts.



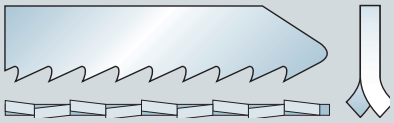
CS Cross-ground, set



The angular-sloped tooth cuts the wood grain. CS- ground teeth give the blade an extra high cutting-speed.

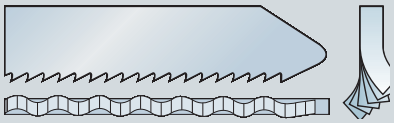


MS Milled, alternate set (raker set)



The wood grain is ripped and the saw set moves upwards and downwards in the saw kerf producing a rough cut.

MS Milled, wavy set

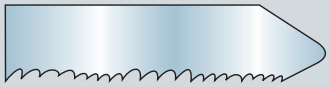


The cut takes place on the entire surface of the tooth. The only difference is in the tooth formation.

Tooth Shape:

D = Roof Tooth
P = Positive Tooth
N = Normal Tooth

VARIOZAHN



Variable tooth jig saw blades with alternate tooth spacing, guarantee universal bits for even the most varied materials.
The bimetal blade is completely flexible and shatter-resistant.

Material Quality and Areas of Use

Cutting Geometry / Material	MS Milled, wavy set, straight-set	CS Cross-ground, set	CT Cross-ground, tapered
CV	Standard cuts in wood	Very fast cuts	Very clean cuts
HSS	For metal work		
Bi-Metal	Universal applications range + High endurance = Long life span	Very fast cuts + High endurance = Long life span	Very clean cuts + High endurance = Long life span
HM	For abrasive materials for work on metals	For abrasive materials for work on woods	

Choosing the Appropriate Blade

Jigsaw Blade Euro Shank	Jigsaw Blade Universal Shank	Jigsaw Blade Makita Shank	Wooden Materials										Metals		
			Hard & softwood	Laminated particle board	Plywood	Glued wood	Wood & nails	Green wood	Pallet construction	Chipboard	Flooring	Tree-cut	Stainless steel	Metal / steel	Sheet metal
3171			●		●	●									
3181	3481		●	●	●										
3182			●	●	●	●				●					
3160			●		●	●					●				
3160-K			●		●	●					●				
3104	3404	3304	●	●	●										
3105			●	●	●										
3180			●	●	●	●									
3107					●				●						
3108	3408	3308	●		●										
3109	3408	3308	●		●										
		3360	●		●	●									
3101	3401	3301	●	●	●										
3101-KR	3401-KR		●	●	●										
3102	3402	3302	●	●	●	●									
3106	3406	3306	●		●										
	3406-L		●		●										
3145			●	●	●	●									
3103	3403		●	●	●										
3104-LF			●		●										
		33065	●		●										
3110	3410	3310												●	●
3111	3411	3311												●	●
3112														●	●
3114														●	
3114-F													●	●	
3176-F													●		●
3113	3413	3313												●	●
3115													●		
3116														●	
3118															
		33185												●	
3159-F													●	●	
3101-F			●	●	●										
3158			●												
3118-F							●						●	●	
3150-F			●	●	●		●						●	●	
3156-F				●			●								
3132													●	●	
3134															
3125				●											
3126				●											
3121	3421														
3140															

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Choosing the Appropriate Blade

Metals			Miscellaneous Materials											Cut Features						
Non-ferrous metal	Aluminium	Steel pipes	Plastics	Acrylic glass	Fibre-reinforced synthetic	Sandwich construction	Cement-bounded particle	Ceramics	Light building blocks	Glass	Cast iron pipe	Plaster board	Old buildings renovations	Very clean cut	Rough cut	Curved cut	High speed cut	Extra long blade	Extra thick blade	Three edge diamond ground
																●				
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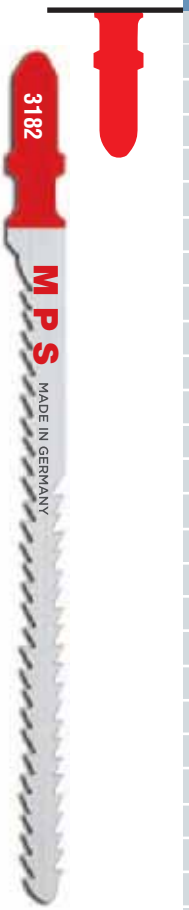
Brand Equivalent Chart - Jigsaw Blades



blade type **JIGSAW** | shank type EURO SHANK | alpha

MPS Tools	Page	Bosch	Black & Decker	Metabo	Makita	Lenox	Milwaukee	Dewalt
3171	121	T101AO				CF320-SG		
3104	122	T144D		23633	B16		48-42-5421	
3105	122	T244D		23649	B17		48-42-5512	
3180	122	T234X						
3107	122	T119A		23630				
3108	122	T119B		23631	B15		48-42-4220	DW3765
3109	123	T119BO		23646	B18		48-42-5640	DW3762
3101	123	T101B		23634	B11	F450S	48-42-5240	DW3760
3102	123	T101BR		23650	B19	CF450SR	48-42-5540	
3106	123	T111C		23632	B13		48-42-5200	
3103	124	T101D		23635	B12	CF456S	48-42-5500	
3104-LF	124	T344DF						
3110	124	T118G		23636	B24	B332S		DW3776
3111	124	T118A		23637	B22	B324S		DW3774
3112	124	T218A		23647	B27			
3114	125	T318A		23629				
3114-F	125	T318AF				324S	48-42-5166	
3113	125	T118B		23638		B340SY	48-42-5101	DW3770
3115	125	T318B						
3116	125	T101A		23640	B21			
3118	125	T127D		23639	B25			
3101-F	126	T101BF			B10	450S	48-42-5311	
3118-F	126	T127DF		23974		406S	48-42-5300	
3156-F	127	T345XF						
3132	127	T118EHM						
3125	127	T141HM		23652	B60			
3126	127	T341HM			B61			

blade type **JIGSAW** | shank type UNIVERSAL SHANK | alpha

MPS Tools	Page	Bosch	Black & Decker	Metabo	Makita	Lenox	Milwaukee	Dewalt
3121	127	T150RIFF		23658				
3404	128	U144D	A2207					
3409	128	U19BO	A5033, A2203					
3450	128		A5041					
3401	129	U101B	A5035, A2201					
3406	129	U111C	A5043, A2206					
3403	129	U101D	A5037, A2202					
3410	130	U118G	A5040, A2227					
3411	130	U118A	A5039, A2224					
3413	130	U118B	A5034, A2226					

blade type **JIGSAW** | shank type EURO SHANK | alpha

MPS Tools	Page	Bosch	Black & Decker	Metabo	Makita	Lenox	Milwaukee	Dewalt
3308	131				8			
3309	131				16			
3301	131				42			
3302	131				41			
3306	131				3			
3311	132				1			

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Explanation of Symbols

Wooden Materials

- Hard and Softwood
- Laminated Particle Board
- Plywood
- Glued wood
- Chipboard
- Laminate
- Green wood
- Tree-cut

Metals

- Stainless Steel
- Metal/Steel
- Sheet Metal
- Non-Ferrous Metal
- Aluminium
- Steel Pipes
- Car Repairing

Synthetic Materials

- Plastics
- Acrylic Glass
- Fibreglass-Reinforced Synthetic Materials

Miscellaneous Materials

- Wood and Nails
- Pallet-Construction
- Sandwich Construction
- Old buildings-Renovations Window Frames
- Plasterboard

Abrasive Materials

- Cast Iron Pipe
- Cement-Bounded Particle Board
- Light Building Blocks
- Ceramics
- Glass
- Stonework

Cutting Features

- High-Speed Cut
- Very-Clean Cut
- Rough-Cut

Blade Features

- Carbide-Coated
- Carbide-Tipped
- Carbide-Strip
- Diamond-Coated
- Down Cut
- Back Cut
- 3 Edge Diamond Ground
- Curved Cuts
- Extra Long Blade
- Thick Blade
- Extra Thick Blade
- Long Life Bi-Metal Blade
- Demolition Blade
- Test Winner
- VARIOZAHN — Variable Tooth Forming
- PROGRESSIVE — Progressive Tooth Forming

Jigsaw Sets

alpha

3197-3: **Jigsaw Blade Set 3 Piece – Euro Shank**

Contains:

1 x 3104
Jigsaw Blade Wood CleanCut

Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard

1 x 3106
Jigsaw Blade Wood FastCut

For fast, rough cuts in hardwoods, softwoods and plastic

1 x 3113
Jigsaw Blade Metal Thick

For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium

3 Pack
Code: J3197-3

3198-5: **Jigsaw Blade Set 5 Piece – Euro Shank**

Contains:

1 x 3101
Jigsaw Blade Wood FineCut

Ideal for precise cuts in hardwoods, softwoods, playwood, laminated wooden fibreboard and synthetic materials

1 x 3104
Jigsaw Blade Wood CleanCut

Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard

1 x 3106
Jigsaw Blade Wood FastCut

For fast, rough cuts in hardwoods, softwoods and plastic

1 x 3109
Jigsaw Blade Wood Scroll

For tight curved cuts in hardwoods, softwoods, plywoods, chipboard, synthetic materials and acrylic glass

1 x 3111
Jigsaw Blade Metal Thin

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

5 Pack
Code: J3198-5

3199-5: **Jigsaw Blade Set Euro Shank - 5 Piece**

Contains:

1 x 3101
Jigsaw Blade Wood FineCut

Ideal for precise cuts in hardwoods, softwoods, playwood, laminated wooden fibreboard and synthetic materials

1 x 3104
Jigsaw Blade Wood CleanCut

Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard

1 x 3106
Jigsaw Blade Wood FastCut

For fast, rough cuts in hardwoods, softwoods and plastic

1 x 3111
Jigsaw Blade Metal Thin

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

1 x 3113
Jigsaw Blade Metal Thick

For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium

5 Pack
Code: J3199-5

3499-5: **Jigsaw Blade Set Universal Shank - 5 Piece**

Contains:

1 x 3401
Jigsaw Blade Wood FineCut

Ideal for precise cuts in hardwoods, softwoods, playwood, laminated wooden fibreboard and synthetic materials

1 x 3404
Jigsaw Blade Wood CleanCut

Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods and chipboard

1 x 3406
Jigsaw Blade Wood FastCut

For fast, rough cuts in hardwoods, softwoods and plastic

1 x 3411
Jigsaw Blade Metal Thin

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

1 x 3413
Jigsaw Blade Metal Thick

For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium

5 Pack
Code: J3499-5

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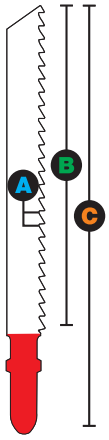
blade type **JIGSAW** | shank type EURO SHANK | made in GERMANY



3171

A = 1.3mm • 20 TPI B = 50mm • 2” C = 75mm • 3”

CV CT **Clean/Curved Cut**

5 Pack
Code: J3171-5

For precise, splinter free cuts on both sides of the material.For curved cuts in hardwoods, softwoods, plywood, wooden fibreboard and plastic

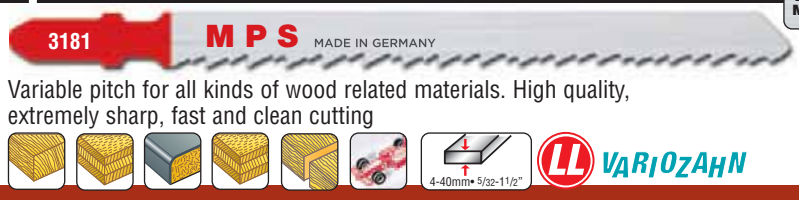
Bosch	Lenox
T101AO	CF320-SG

3181

A = 2.2-3.2mm • 10-14 TPI B = 95mm • 3¾” C = 115mm • 4½”

Bi-Metal CT **Fast/Clean Cut**

5 Pack
Code: J3181-5



Variable pitch for all kinds of wood related materials. High quality, extremely sharp, fast and clean cutting

3182

A = 2.2 - 3.2 10-14 TPI B = 95mm • 3¾” C = 115mm • 4½”

Bi-Metal CT BC **Clean/Curved Cut**

5 Pack
Code: J3182-5

Double edged toothing for extreme curved cuts in all kinds of wood related materials. High quality vario-pitch sawblade. Fast and clean cutting

3160

A = 2mm • 12 TPI B = 75mm • 3” C = 100mm • 4”

CV CT **Clean Cut**

5 Pack
Code: J3160-5

Double cut - clean splinter free sawing of hardwoods, softwoods, coated wooden fibreboard and synthetic materials

3160-K

A = 2mm • 12 TPI B = 75mm • 3” C = 100mm • 4”

CV CT **Clean/Curved Cut**

5 Pack
Code: J3160-K-5

Curved blade for shatter-resistant sawing of hardwoods, softwoods, coated wooden fibreboard and synthetic materials

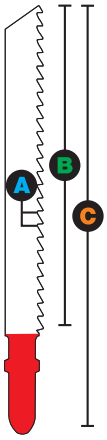
Blade Specifications

MPS JIGSAW BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **JIGSAW** | shank type EURO SHANK | made in GERMANY | alpha



3104 — A = 4.0mm • 6 TPI B = 75mm • 3" C = 100mm • 4"

CV CS — *Fast/Clean Cut*

5 Pack Code: J3104-5

100 Pack Code: J3104-100

Ideal for straight cuts.High speed, clean cuts in hardwood, softwoods and chipboard

8-60mm• 5/16-2 3/8"

Bosch	Metabo	Makita	Milwaukee
T144D	23633	B16	48-42-5421

3105 — A = 4.0mm • 6 TPI B = 75mm • 3" C = 100mm • 4"

CV CS — *Fast/Curved Cut*

5 Pack Code: J3105-5

Ideal for curved cuts. High speed cuts in hardwoods, softwoods and chipboard

8-60mm• 5/16-2 3/8"

Bosch	Metabo	Makita	Milwaukee
T244D	23649	B17	48-42-5512

3180 — A = Progressive B = 90mm • 3 1/2" C = 115mm • 4 1/2"

CV CT — *Precise/Clean Cut*

5 Pack Code: J3180-5

Ideal for both thick and thin wooden materials.For precise, splinter-free cuts in hardwood, coated chipboard and plywood

1-80mm • 3/64-3 1/4"

PROGRESSIVE

Bosch
T234X

3107 — A = 1.2mm • 21 TPI B = 50mm • 2" C = 75mm • 3"

CV MS — *Standard Cut*

5 Pack Code: J3107-5

Plywood, wooden fibreboard, insulation materials and plastic

2-15mm • 5/64-5/8"

Bosch	Metabo
T119A	23630

3108 — A = 2mm • 12 TPI B = 50mm • 2" C = 75mm • 3"

CV MS — *Standard/Straight Cut*

5 Pack Code: J3108-5

Ideal for acrylic glass. For straight cuts in hardwoods, softwoods, plywood, insulation materials and plastic

PLEXI

2-15mm• 5/64-5/8"

Bosch	Metabo	Makita	Milwaukee	Dewalt
T119B	23631	B15	48-42-4220	DW3765

Blade Specifications

alpha by Sterling

blade type **JIGSAW** | shank type **EURO SHANK** | made in **GERMANY** | alpha

3109 — A = 2mm • 12 TPI B = 50mm • 2” C = 75mm • 3” — Curved Cut

3109 MPS MADE IN GERMANY

CV MS

5 Pack
Code: J3109-5

For tight curved cuts in hardwoods, softwoods, plywood, chipboard, synthetic materials and acrylic glass

PLEXI 4-20mm• 5/32-3/4”

Bosch	Metabo	Makita	Milwaukee	Dewalt
T119BO	23646	B18	48-42-5640	DW3762

3101 — A = 2.5mm • 10 TPI B = 75mm • 3” C = 100mm • 4” — Clean Cut

3101 MPS MADE IN GERMANY

CV CT

5 Pack Code: J3101-5

100 Pack Code: J3101-100

Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials

4-30mm • 5/32 - 1 1/4”

Bosch	Metabo	Makita	Lenox	Milwaukee	Dewalt
T101B	23634	B11	F450S	48-42-5240	DW3760

3101-KR — A = 2.5mm • 10 TPI B = 75mm • 3” C = 100mm • 4” — Clean/Curved Cut

3101-KR MPS MADE IN GERMANY

CV CT BC

5 Pack
Code: J3101-KR-5

Specialised curved blade. Rear toothed. For extra clean cuts in laminated wooden fibreboard and synthetic materials

4-30mm • 5/32-1 1/4”

3102 — A = 2.5mm • 10 TPI B = 75mm • 3” C = 100mm • 4” — Clean Cut

3102 MPS MADE IN GERMANY

CV CT DC

5 Pack
Code: J3102-5

Down cut blade for hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials

4-30mm • 5/32-1 1/4”

Bosch	Metabo	Makita	Lenox	Milwaukee
T101BR	23650	B19	CF450SR	48-42-5540

3106 — A = 3.0mm • 8 TPI B = 75mm • 3” C = 100mm • 4” — Fast/Rough Cut

3106 MPS MADE IN GERMANY

CV MS

5 Pack
Code: J3106-5

For fast, rough cuts in hardwoods, softwoods, and plastic

5-60mm • 7/32-2 3/8”

Bosch	Metabo	Makita	Milwaukee
T111C	23632	B13	48-42-5200

3145 — A = 3mm • 8 TPI B = 75mm • 3” C = 100mm • 4” — Fast/Clean Cut

3145 MPS MADE IN GERMANY

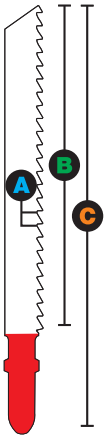
CV CT

5 Pack
Code: J3145-5

Ideal for clean, fast cuts in hardwoods, softwoods, laminated wooden fibreboard, plywood and synthetic materials

6-30mm • 1/4 - 1 1/4”

TEST WINNER



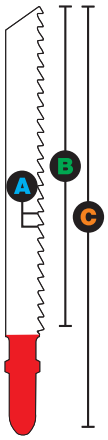
Blade Specifications

MPS JIGSAW BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **JIGSAW** | shank type **EURO SHANK** | made in **GERMANY** | alpha



3103

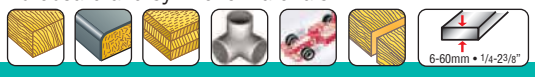
A = 4.0mm • 6TPI B = 75mm • 3" C = 100mm • 4"

CV CT **Fast/Clean Cut**

5 Pack Code: J3103-5

100 Pack Code: J3103-100

Ideal for fast, clean cuts in hardwoods, softwoods, chipboard, fibreboard and synthetic materials



Bosch	Metabo	Makita	Lenox	Milwaukee
T101D	23635	CF456S	B12	48-42-5500

3104-LF

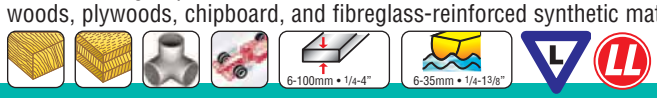
A = 4.0mm • 6 TPI B = 110mm • 4½" C = 132mm • 5½"

Bi-Metal CS **Fast/Straight Cut**

5 Pack

Code: J3104-LF-5

Ideal for straight, parallel cuts.Extra fast cuts in hardwoods, softwoods, book-matched woods, plywoods, chipboard, and fibreglass-reinforced synthetic materials



Bosch
T344DF

3110

A = 0.9mm • 28 TPI B = 50mm • 2" C = 75mm • 3"

HSS MS **Extra Thin Metal**

5 Pack

Code: J3110-5

Ideal for extra-thin materials. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

Bosch	Metabo	Makita	Lenox	Dewalt
T118G	23636	B24	B332S	DW3776

3111

A = 1.2mm • 21 TPI B = 50mm • 2" C = 75mm • 3"

HSS MS **Thin Metal**

5 Pack

Code: J3111-5

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

Bosch	Metabo	Makita	Lenox	Dewalt
T118A	23637	B22	B324S	DW3774

3112

A = 1.2mm • 21 TPI B = 50mm • 2" C = 75mm • 3"

HSS MS **Thin Metal/Curved**

5 Pack

Code: J3112-5

Ideal for curved cutting in thinner materials, metals, non-ferrous metals and aluminium

Bosch	Metabo	Makita
T218A	23647	B27

Blade Specifications

alpha by Sterling

blade type **JIGSAW** | shank type **EURO SHANK** | made in **GERMANY** alpha

3114
A = 1.2mm • 21TPI B = 110mm • 4½" C = 132mm • 5½"
HSS MS **Metal/Sandwich Straight**

3114 MPS MADE IN GERMANY

5 Pack
Code: J3114-5

Ideal for sandwich materials. Straight cuts (flexible and shatterproof) in metals, non-ferrous metal, aluminium and acrylic glass

Cu Ni Ms Zn | 1.5-3mm • 1/16-1/8" | 2-65mm • 5/64 - 31/2" | L

Bosch	Metabo
T318A	23629

3114-F
A = 1.2mm • 21TPI B = 110mm • 4½" C = 132mm • 5½"
Bi-Metal MS **Metal/Sandwich Straight**

3114-F MPS MADE IN GERMANY

5 Pack
Code: J3114-F-5

Ideal for sandwich materials. Straight cuts (flexible and shatterproof) in metals, non-ferrous metal, aluminium and acrylic glass

SS | PLEXI | 1.5-3mm • 1/16-1/8" | 2-65mm • 5/64 - 31/2" | L | LL

Bosch	Lenox	Milwaukee
T318AF	324S	48-42-5166

3176-F
A = 1-1.6mm • 16-26 TPI B = 110mm • 4½" C = 132mm • 5½"
Bi-Metal MS **Metal/Sandwich Straight**

3176-F MPS MADE IN GERMANY

5 Pack
Code: J3176-F-5

Variable-pitch for all kinds of metals, especially sandwich materials. Extremely sharp edge, long life

SS | Cu Ni Ms Zn | 1.5-3mm • 1/16-1/8" | 2-65mm • 5/64 - 31/2" | L | LL | VARIOZAHN

3113
A = 2.0mm • 12 TPI B = 50mm • 2" C = 75mm • 3"
HSS MS **Thick Metal**

3113 MPS MADE IN GERMANY

5 Pack
Code: J3113-5

For thicker metals.Straight cuts in metals, non-ferrous metal and aluminium

Cu Ni Ms Zn | 3-6mm• 1/8-1/4"

Bosch	Metabo	Lenox	Milwaukee	Dewalt
T118B	23638	B340SY	48-42-5101	DW3770

3115
A = 2.0mm • 12 TPI B = 110mm • 4½" C = 132mm • 5½"
HSS MS **Thin Metal/Sandwich**

3115 MPS MADE IN GERMANY

5 Pack
Code: J3115-5

Ideal for work on sandwich materials.Straight cuts in metals, non-ferrous metals, sandwich materials and synthetic materials

Cu Ni Ms Zn | 1.5-3mm• 1/16-1/8" | 2-85mm • 5/64 - 31/8" | L

Bosch
T318B

3116
A = 2mm • 12 TPI B = 75mm • 3" C = 100mm • 4"
HSS MS **Aluminium/Acrylic**

3116 MPS MADE IN GERMANY

5 Pack
Code: J3116-5

Ideal for acrylic glass. Clean cuts in non-ferrous metals, aluminium and acrylic glass

Cu Ni Ms Zn | PLEXI | 2-20mm • 5/64-3/4"

Bosch	Metabo	Makita
T101A	23640	B21

3118
A = 3.0mm • 8TPI B = 75mm • 3" C = 100mm • 4"
HSS MS **Fast/Straight Aluminium**

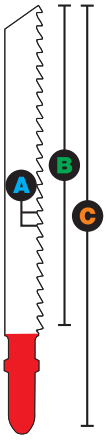
3118 MPS MADE IN GERMANY

5 Pack
Code: J3118-5

Ideal for aluminium. Fast, straight cuts in aluminium, non-ferrous metals, metals and fibre-reinforced synthetic materials

2-20mm • 5/64 - 3/4"

Bosch	Metabo	Makita
T127D	23639	B25



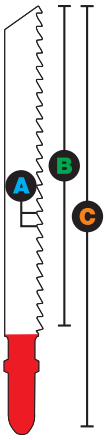
Blade Specifications

MPS JIGSAW BLADES

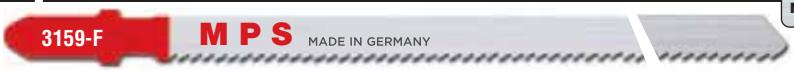
APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **JIGSAW** | shank type **EURO SHANK** | made in **GERMANY** | alpha



3159-F
A = 1.4mm • 18 TPI B = 180mm • 7" C = 200mm • 8"
Bi-Metal MS **Straight Cut**



2 Pack
Code: J3159-F-2

Ideal for sandwich materials. Straight cuts (flexible and shatterproof) in metals, non-ferrous metals, aluminium and acrylic glass

SS PLEXI 1.5-3mm • 1/16-1/8" 2-180mm • 5/64-7" LL

3101-F
A = 2.5mm • 10 TPI B = 75mm • 3" C = 100mm • 4"
Bi-Metal CT **Precise/Straight Cut**

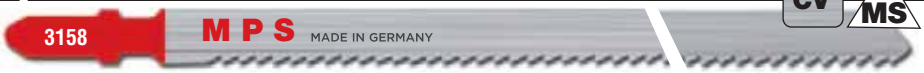
5 Pack
Code: J3101-F-5

Ideal for straight, precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and fibreglass-reinforced synthetic materials

4-30mm • 5/32-1 1/4" LL

Bosch	Makita	Lenox	Milwaukee
T101BF	B10	450S	48-42-5311

3158
A = 2.5mm • 10 TPI B = 220mm • 9" C = 250mm • 10"
CV MS **Plastic/Insulation**



5 Pack
Code: J3158-5

Specialised blade for insulation materials and Styropor

4-200mm • 5/32 - 9" L

3118-F
A = 3.0mm • 8 TPI B = 75mm • 3" C = 100mm • 4"
Bi-Metal MS LL **Straight Cut**

5 Pack
Code: J3118-F-5

Ideal for aluminium. Flexible and shatter-proof. Straight cuts in metals, non-ferrous metals, aluminium and acrylic glass

SS 3-15mm • 1/8-5/8" 3-15mm • 1/8-5/8"

Bosch	Metabo
T127DF	23974
Lenox	Milwaukee
4065	48-42-5300

3150-F
A = 1.8-2.5mm • 10-14 TPI B = 110mm • 4½" C = 132mm • 5½"
Bi-Metal MS **Straight Cut**

5 Pack
Code: J3150-F-5

Ideal for materials with different thicknesses. For straight cuts in softwoods, hardwoods, wood with nails, Stainless Steel, particleboard

LL VARIOZAHN

PLEXI SS 3-100mm • 1/8-4" L

Blade Specifications

alpha by Sterling

blade type **JIGSAW** | shank type **EURO SHANK** | made in **GERMANY** | alpha

3156-F
A = 2.0-4.0mm • 6-12 TPI B = 110mm • 4½" C = 132mm • 5½"

Bi-Metal | MS | *Fast Cut*

3156-F MPS MADE IN GERMANY

Robust quick shear blade for wood and abrasive material

8-85mm • 5/16 - 3 3/8" | L | LL VARIOZAHN

Bosch T345XF

5 Pack
Code: J3156-F-5

3132
A = 1.4mm • 18 TPI B = 50mm • 2" C = 75mm • 3"

HM | TCT | *Precise/Straight Cut*

3132 MPS MADE IN GERMANY

Ideal for stainless steel. Straight cuts in steel and stainless steel

SS | 2-5mm • 5/64-13/64"

Bosch T118EHM

3 Pack
Code: J3132-3

3134
A = 3.0mm • 8 TPI B = 85mm • 3½" C = 115mm • 4½"

HM | TCT | HM | *Straight Cut*

3134 MPS MADE IN GERMANY

Ideal for fibreglass-reinforced synthetic materials. Straight cuts in abrasive materials, fibreglass-reinforced synthetic materials and sandwich materials

6-20mm • 1/4-3/4" | 2-65mm • 5/64 - 2 5/8"

3 Pack
Code: J3134-3

3125
A = 4.3mm • 6 TPI B = 75mm • 3" C = 100mm • 4"

HM | TCT | *Precise/Straight Cut*

3125 MPS MADE IN GERMANY

Ideal for abrasive materials.Precise straight cuts in ceramics, glass and fibreglass-reinforced synthetic materials

6-80mm • 1/4 - 3 1/8" | 6-20mm • 1/4-3/4"

Bosch	Metabo	Makita
T141HM	23652	B60

1 Pack
Code: J3125-1

3126
A = 4.3mm • 6 TPI B = 100mm • 4" C = 132mm • 5½"

HM | TCT | *Fast/Rough Cut*

3126 MPS MADE IN GERMANY

Ideal for fibreglass-reinforced synthetic materials. Fast,.rough cuts in abrasive materials, fibreglass-reinforced synthetic materials and cement-bound chipboard

6-80mm • 1/4 - 3 1/8" | 6-20mm • 1/4-3/4" | L

Bosch	Makita
T341HM	B61

1 Pack
Code: J3126-1

3121
A = Grit 50 B = 50mm • 2" C = 75mm • 3"

HM | HM | *Precise/Straight Cut*

3121 MPS MADE IN GERMANY

Ideal for abrasive materials. Precise straight cuts in ceramics, glass and up to medium strength tile

1-10mm • 3/64-3/8"

Bosch	Metabo
T150RIFF	23658

1 Pack
Code: J3121-1

3140
A = Diamond Grit B = 50mm • 2" C = 75mm • 3"

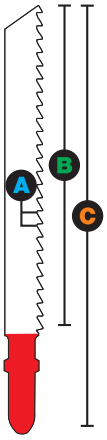
HM | DIAMANT | *Standard Cut*

3140 MPS MADE IN GERMANY

Ideal for highly abrasive materials and carbon fibre products

1-15mm • 3/64-5/8"

5 Pack
Code: J3140-1



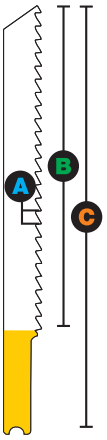
Blade Specifications

MPS JIGSAW BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **JIGSAW** | shank type UNIVERSAL SHANK | made in GERMANY | alpha



3481

A = 2.2 - 3.2mm 10-14TPI B = 95mm • 3¾" C = 115mm • 4½"

CV CT **Fast/Clean Cut**

5 Pack
Code: J3481-5

3481 MPS MADE IN GERMANY

Variable pitch for all kinds of wood related materials. Very fast, clean cutting in thick and thin wood related materials

4-40mm • 5/32 - 1½" VARIOZAHN

3404

A = 4.0mm • 6 TPI B = 75mm • 3" C = 100mm • 4"

CV CS **Fast/Clean Cut**

5 Pack
Code: J3404-5

3404 MPS MADE IN GERMANY

Ideal for straight cuts. High speed, clean cuts in hardwoods, softwoods and chipboard

8-60mm • 5/16-2⅜"

Bosch U144D | B&D A 2207

3408

A = 2mm • 12 TPI B = 50mm • 2" C = 75mm • 3"

CV MS **Straight Cut**

5 Pack
Code: J3408-5

3408 MPS MADE IN GERMANY

Ideal for acrylic glass. For straight cuts in hardwoods, softwoods, plywood, insulation materials and plastic

PLEXI 4-30mm • 5/32-1¼"

3409

A = 2mm • 12 TPI B = 50mm • 2" C = 75mm • 3"

CV MS **Tight Curve Cut**

5 Pack
Code: J3409-5

3409 MPS MADE IN GERMANY

For tight curved cuts in hardwoods, softwoods, plywood, chipboard, synthetic materials and acrylic glass

PLEXI 4-20mm • 5/32-¾"

Bosch U19BO | B&D A 5033, A 2203

3450

A = 2.5mm • 10 TPI B = 60mm • 2½" C = 80mm • 3¼"

CV CT **Fine/Straight Cut**

5 Pack
Code: J3450-5

3450 MPS MADE IN GERMANY

Ideal for straight, fine cuts in hardwoods, softwoods, plywood, laminated particleboard and plastic

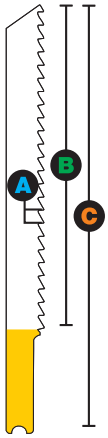
4-30mm • 5/32-1¼"

B&D A 5041

Blade Specifications

alpha by Sterling

blade type **JIGSAW** | shank type UNIVERSAL SHANK | made in GERMANY | alpha



3401 — A = 2.5mm • 10 TPI B = 75mm • 3" C = 100mm • 4"

CV CT — *Precise Cut*

5 Pack
Code: J3401-5

3401 M P S MADE IN GERMANY

Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials

4-30mm • 5/32 - 1 1/4"

Bosch	B&D
U101B	A 5035, A 2201

3401-KR — A = 2.5mm 10 TPI B = 75mm • 3" C = 100mm • 4"

CV CT — *Clean/Curved Cut*

5 Pack
Code: J3401-KR-5

3401-KR M P S MADE IN GERMANY

Specialised curved blade, rear toothed. For extra-clean cuts in laminated wooden fibreboard and synthetic materials

4-30mm • 5/32-1 1/4"

3402 — A = 2.5mm • 10 TPI B = 75mm • 3" C = 100mm • 4"

CV CT DC — *Splinter Free*

5 Pack
Code: J3402-5

3402 M P S MADE IN GERMANY

Down cut blade. Splinter-free cutting of hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials

4-30mm • 5/32 - 1 1/4"

3406 — A = 3.0mm • 8 TPI B = 75mm • 3" C = 100mm • 4"

CV MS — *Fast/Rough Cut*

5 Pack
Code: J3406-5

3406 M P S MADE IN GERMANY

For fast, rough cuts in hardwoods, softwoods and plastic

5-60mm • 13/64-2 3/8"

Bosch	B&D
U111C	A 5043, A 2206

3406-L — A = 4.0mm • 6 TPI B = 110mm • 4 1/2" C = 132mm • 5 1/2"

CV MS — *Fast/Rough Cut*

5 Pack
Code: J3406-L-5

3406-L M P S MADE IN GERMANY

For fast, rough cuts in hardwoods, softwoods and plastic

6-100mm • 1/4-4"

L

3403 — A = 4.0mm • 6 TPI B = 75mm • 3" C = 100mm • 4"

CV CT — *Fast/Clean Cut*

5 Pack
Code: J3403-5

3403 M P S MADE IN GERMANY

Ideal for fast, clean cuts in hardwoods, softwoods, chipboard, fibreboard and synthetic materials

6-60mm • 1/4 - 2 3/8"

Bosch	B&D
U101D	A 5037, A 2202

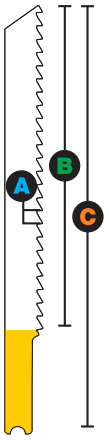
Blade Specifications

MPS JIGSAW BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **JIGSAW** | shank type UNIVERSAL SHANK | made in GERMANY | alpha



3410 — A = 0.9mm • 28 TPI B = 50mm • 2" C = 75mm • 3" — HSS MS — Straight Cut

3410 MPS MADE IN GERMANY

Ideal for extra-thin materials. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

Cu Ni Ms Zn — 0.9-1.2mm • 1/32-1/16"

Bosch U118G — B&D A 5040, A 2227

5 Pack
Code: J3410-5

3411 — A = 1.2mm • 21 TPI B = 50mm • 2" C = 75mm • 3" — HSS MS — Straight Cut

3411 MPS MADE IN GERMANY

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

Cu Ni Ms Zn — 1.5-3mm • 1/16-1/8"

Bosch U118A — B&D A 5039, A 2224

5 Pack
Code: J3411-5

3413 — A = 2.0mm • 12 TPI B = 50mm • 2" C = 75mm • 3" — HSS MS — Straight Cut

3413 MPS MADE IN GERMANY

For thicker metals. Straight cuts in metal, non-ferrous metal and aluminium

Cu Ni Ms Zn — 3-6mm • 1/8-1/4"

Bosch U118B — B&D A 5034, A 2226

5 Pack
Code: J3413-5

3421 — A = Grit 50 B = 50mm • 2" C = 75mm • 3" — HM HM — Precise/Straight Cut

3421 MPS MADE IN GERMANY

Ideal for abrasive materials.Precise straight cuts in ceramics, glass and up to medium strength tile

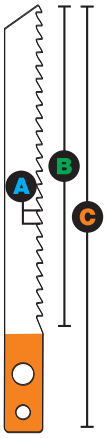
1-10mm • 3/64-3/8"

1 Pack
Code: J3421-1

Blade Specifications

alpha by Sterling

blade type **JIGSAW** | shank type MAKITA SHANK | made in GERMANY



3304
A = 4.0mm • 6 TPI **B** = 75mm • 3" **C** = 100mm • 4"

CV CS **Fast/Straight Cut**

5 Pack
Code: J3304-5

Ideal for straight cuts. High-speed, clean cuts in hardwoods, softwoods, and chipboard

8-60mm • 5/16-23/8"

3308
A = 2.0mm • 12 TPI **B** = 60mm • 2½" **C** = 80mm • 3¼"

CV MS **Straight Cut**

5 Pack
Code: J3308-5

Ideal for acrylic glass. For straight cuts in hardwoods, softwoods, plywood, insulation materials and plastic

PLEXI
4-30mm • 5/32-11/4"

Makita B15

3360
A = 2.0mm • 12 TPI **B** = 75mm • 3" **C** = 100mm • 4"

CV CT **Precise Cut**

5 Pack
Code: J3360-5

Double-cut, clean splinter-free cutting of hardwoods, softwoods, coated wooden fibreboard and synthetic materials

3-60mm • 1/8-23/8"

3309
A = 2.0mm • 12 TPI **B** = 60mm • 2½" **C** = 80mm • 3¼"

CV MS **Tight Curved Cut**

5 Pack
Code: J3309-5

For tight curved cuts in hardwoods, softwoods, plywood, chipboard, synthetic materials and acrylic glass

PLEXI
4-20mm • 5/32-3/4"

Makita B18

3301
A = 2.5mm • 10 TPI **B** = 75mm • 3" **C** = 100mm • 4"

CV CT **Precise Cut**

5 Pack
Code: J3301-5

Ideal for precise cuts in hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials

4-30mm • 5/32-11/4"

Makita B11

3302
A = 2.5mm • 10 TPI **B** = 75mm • 3" **C** = 100mm • 4"

CV CT DC **Splinter Free**

5 Pack
Code: J3302-5

Down cut blade for hardwoods, softwoods, plywood, laminated wooden fibreboard and synthetic materials. Splinter-free cutting

4-30mm • 5/32-11/4"

Makita B19

3306
A = 3.0mm • 8 TPI **B** = 75mm • 3" **C** = 100mm • 4"

CV MS **Fast/Rough Cut**

5 Pack
Code: J3306-5

For fast, rough cuts in hardwoods, softwoods and plastic

5-60mm • 13/64-23/8"

Makita B13

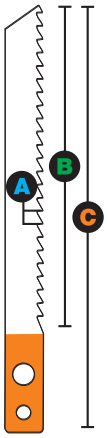
Blade Specifications

MPS JIGSAW BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **JIGSAW** | shank type MAKITA SHANK | made in GERMANY | alpha



Blade Specifications

33065 — A = 4.0mm • 6 TPI B = 75mm • 3" C = 100mm • 4"

CV MS — Fast/Rough Cut

5 Pack
Code: J33065-5

33065 MPS MADE IN GERMANY

For fast, rough cuts in hardwoods, softwoods and plastic

6-60mm • 1/4-2 3/8"

3310 — A = 0.9mm • 28 TPI B = 60mm • 2 1/2" C = 80mm • 3 1/4"

HSS MS — Straight Cut

5 Pack
Code: J3310-5

3310 MPS MADE IN GERMANY

Ideal for extra-thin materials. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

Cu Ni Ms Zn

0.9-1.2mm • 1/32-1/16"

3311 — A = 1.2mm • 21 TPI B = 60mm • 2 1/2" C = 80mm • 3 1/4"

HSS MS — Straight Cut

5 Pack
Code: J3311-5

3311 MPS MADE IN GERMANY

For thinner metals. Straight cuts in metals, non-ferrous metals, sheet metal and aluminium

Cu Ni Ms Zn

1.5-3mm • 1/16-1/8"

Makita B22

3313 — A = 2.0mm • 12 TPI B = 60mm • 2 1/2" C = 80mm • 3 1/4"

HSS MS — Straight Cut

5 Pack
Code: J3313-5

3313 MPS MADE IN GERMANY

For thicker metals. Straight cuts in metals, non-ferrous metal and aluminium

Cu Ni Ms Zn

3-6mm • 1/8-1/4"

33185 — A = 3.0mm • 8 TPI B = 60mm • 2 1/2" C = 80mm • 3 1/4"

HSS MS — Fast/Straight Cut

5 Pack
Code: J33185-5

33185 MPS MADE IN GERMANY

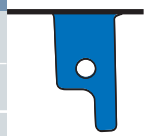
Ideal for aluminium. Fast, straight cuts in aluminium, non-ferrous metals, metals and fibreglass-reinforced synthetic materials

4-20mm • 5/32-3/4"

Brand Equivalent Chart - Reciprocating Blades

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK

MPS Tools	Page	Flex	Bosch	Black & Decker	Metabo	Makita	Lenox	Milwaukee	Dewalt
4052	136		S1531L		31139				
4021	136		S617K	40107	31138				DW4801
4022	136		S1111K	40108					
4016	136		S628DF				656R	48-01-5035	
4011	137		S644D	40109	31120			48-00-1031	40109
4017	137						956R	48-01-5036	
4010	137	201936	S1344D	40099	31122	3030			
4015	137		S1411DF				156R	48-01-5037	
4046	137		S2345X						
4439	138	S1025BF						48-00-5094	
4436	138							48-00-5093	
4440-VP	138						650R		
4430-VP	138		S922VF						
4431-VP	139		S1122VF					48-00-5193	
4434-VP	139		S1122VF						
4432-VP	139		S1222VF				110R	48-00-5194	DW4838
4430	139	200778	S922HF		31131		610R	48-00-5092	DW4806
4431	139	217190					810R	DW4846	
4437	139						9514R		
4434	140		S1122HF						
4432	140	201928	S1211H		31125				
4444	140		S1020CF				960R	48-00-5510	
4014	140	206016	S828D	40127	31136		636RP	48-00-1052	
4031	141	200751							
4404	141	200719	S522GF	40118	31127				
4405	141	200743	S922AF	40125	31129	24			
4401	141	200735	S922EF	40116	31132	22	618R	48-00-5184	DW4811
4402	141		S1122EF			P-04933	818R	48-00-5188	DW4921
4429	141	200751	S1122EF		31133			48-00-5188	
4411	142	200727	S922BF	40113	31134	P-04927	614R	48-00-5182	DW4809
4416	142		S1122BF		31135			48-00-5037	
4422	142				31124				
4446	142		S123XF						
4073	143		S1141HM						
4076	143		S1241HM						
4080	143						600RG	48-00-1420	
4084	143		S1130RIFF				800RG	48-00-1430	



Choosing the Appropriate Blade

Reciprocating Blade Universal Shank	Wooden Materials										Metals					
	Hard & softwood	Laminated particle board	Plywood	Glued wood	Wood & nails	Green wood	Pallet construction	Chipboard	Flooring	Tree-cut	Stainless steel	Metal / steel	Sheet metal	Non-ferrous metal	Aluminium	Steel pipes
4045	●		●	●												
4052	●					●				●						
4021	●					●										
4022	●					●				●						
4016	●		●		●											
4011	●		●													
4017	●		●		●											
4018	●		●		●											
4010	●		●													
4015	●		●		●											
4046	●	●	●	●					●							
4439					●							●			●	
4436					●		●					●			●	
4440-VP	●				●						●	●			●	●
4430-VP	●				●						●	●			●	●
4441-VP	●				●						●	●			●	●
4431-VP	●				●		●				●	●			●	●
4434-VP	●				●		●				●	●			●	●
4432-VP	●				●						●	●			●	●
4430	●				●							●			●	
4431	●				●		●					●			●	
4437	●				●		●					●			●	
4434	●				●		●					●			●	
4432	●				●							●			●	
4445					●						●	●			●	●
4444	●				●										●	
4014	●															
4031	●															
4404											●	●	●	●		●
4405											●	●	●	●		●
4401											●	●	●	●		●
4402											●	●	●	●		●
4429											●	●	●	●		●
4420											●	●	●	●		●
4411											●	●	●	●	●	●
4416								●			●	●	●	●	●	●
4422											●	●	●	●	●	●
4446												●	●		●	●
4073																
4076																
4080																
4084																

alpha by Sterling

Choosing the Appropriate Blade

Miscellaneous Materials											Cut Features							
Plastics	Acrylic glass	Fibre-reinforced synthetic	Sandwich construction	Cement-bounded particle	Ceramics	Light building blocks	Glass	Cast iron pipe	Plaster board	Old buildings renovations	Very clean cut	Rough cut	Curved cut	High speed cut	Extra long blade	Thick blade	Extra Thick Blade	Three edge diamond ground
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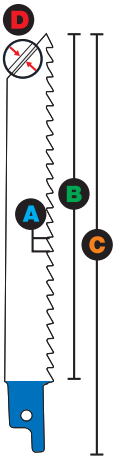
MPS RECIPROCATING BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY



4045

A = 2.5mm • 10 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 1.27mm • 1/20"

CV CT **Extra Clean Cut**

5 Pack
Code: R4045-5

Specialised blade for carpenters with triple diamond ground teeth. For especially clean cuts in hardwoods and softwoods

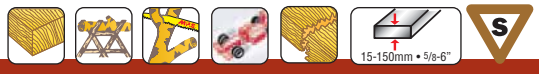
4052

A = 5-6.5mm • 5-4 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 1.27mm •

CV CS **Fast/Rough Cut**

5 Pack
Code: R4052-5

Ideal for cuts in wooden exteriors. For fast, rough cuts. Hardened teeth for extra durability



Bosch	Metabo
S1531L	31139

4021

A = 8.5mm • 3 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 1.27mm • 1/20"

CV MS **Fast/Rough Cut**

5 Pack
Code: R4021-5

Ideal for cutting wooden exteriors. For fast, rough, straight and curved cuts in hardwood and softwoods

Bosch	B&D	Metabo	Dewalt
S617K	40107	31138	DW4801

4022

A = 8.5mm • 3 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 1.27mm • 1/20

CV MS **Fast/Rough Cut**

5 Pack
Code: R4022-5

Ideal for rough, fast cuts in hardwoods and softwoods

Bosch	B&D
S1111K	40108

4016

A = 4.2mm • 6 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 1.27mm • 1/20"

Bi-Metal MS **Standard Cut**

5 Pack
Code: R4016-5

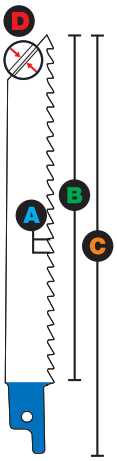
Ideal for synthetics. Flexible and shatter-proof in areated concrete, hardwoods, softwoods, wood with nails and synthetics

Bosch	Lenox	Milwaukee
S628DF	656R	48-01-5035

Blade Specifications

alpha by Sterling

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY | alpha



4011

A = 4.2mm • 6 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 1.27mm • 1/20"

CV CS **Curved Cut**

5 Pack
Code: R4011-5

4011 M P S MADE IN GERMANY

For straight and curved cuts. Fast, clean cuts in hardwoods, softwoods, chipboard, plywood and synthetics

6-100mm • 1/4-4" S

Bosch	B&D	Metabo	Milwaukee	Dewalt
S644D	40109	31120	48-00-1031	40109

4017

A = 4.2mm • 6 t.p.i. B = 210mm • 8 1/2" C = 230mm • 9" D = 1.27mm • 1/20"

Bi-Metal MS **Standard Cut**

5 Pack
Code: R4017-5

4017 M P S MADE IN GERMANY

Ideal for synthetics. Flexible and shatter-proof in areated concrete, hardwoods, softwoods, wood with nails and synthetics

6-180mm • 1/4-7 1/4" S LL

Lenox	Milwaukee
956R	48-01-5036

4018

A = 4.2mm • 6 t.p.i. B = 225mm • 9" C = 250mm • 10" D = 1.27mm • 1/20"

Bi-Metal MS **Standard Cut**

5 Pack
Code: R4018-5

4018 M P S MADE IN GERMANY

Ideal for synthetics. Flexible and shatter-proof in areated concrete, hardwoods, softwoods, wood with nails and synthetics

6-200mm • 1/4 - 8" S LL

4010

A = 4.2mm • 6 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 1.27mm • 1/20"

CV MS **Fast/Clean Cut**

5 Pack
Code: R4010-5

4010 M P S MADE IN GERMANY

For fast, clean strokes in hardwoods, softwoods, chipboard, plywood and synthetics

6-250mm • 1/4-10" S

Bosch	B&D	Metabo	Makita	Flex
S1344D	40099	31122	3030	201936

4015

A = 4.2mm • 6 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 1.27mm • 1/20"

Bi-Metal MS **Curved Cut**

5 Pack
Code: R4015-5

4015 M P S MADE IN GERMANY

Ideal for synthetics. Flexible and shatter-proof in areated concrete, hardwoods, softwoods, wood with nails and synthetics

6-250mm • 1/4-10" S LL

Bosch	Lenox	Milwaukee
S1411DF	156R	48-01-5037

4046

A = 2.4-4mm • 6.4-10.4 t.p.i. B = 180mm • 7" C = 200mm • 8" D = 1.27mm • 1/20"

CV CS **Extra Clean Cut**

5 Pack
Code: R4046-5

4046 M P S MADE IN GERMANY

Ideal for extra-clean cuts in all types of wood, treated fibreboard or MDF sheets and synthetics

S

Bosch
S2345X

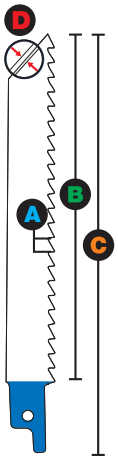
Blade Specifications

MPS RECIPROCATING BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY



4439

A = 2mm • 12 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 1.27mm • 1/20" Bi-Metal MS **Standard Cut**

4439 M P S MADE IN GERMANY

Flexible and shatter-proof.Ideal for slab construction, metals, non-ferrous metals, aluminium, sheet metal, pipes, wood with nails and profiling

2.5-10mm • 1/8-3/8"

5 Pack
Code: R4439-5

Bosch S1025BF | Milwaukee 48-00-5094

4436

A = 2mm • 12 t.p.i. B = 180mm • 7" C = 200mm • 8" D = 1.27mm • 1/20" Bi-Metal MS **Standard Cut**

4436 M P S MADE IN GERMANY

Flexible and shatter-proof.Ideal for slab construction, metals, non-ferrous metals, aluminium, sheet metal, pipes, wood with nails and profiling

2.5-10mm • 1/8-3/8" | 3-180mm • 1/8-7 1/4"

5 Pack
Code: R4436-5

Milwaukee 48-00-5093

4440-VP

A = 1.8mm-2.5mm • 10-14 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 1.27mm • 1/20" Bi-Metal MS **Fire & Rescue**

4440-VP M P S MADE IN GERMANY

VARIOZAHN

Variable tooth spacing for cuts in different materials, flexible and shatter-proof. For cutting metals, wood with nails and synthetics

3-100mm • 1/8-4" | 3-12mm • 1/8-1/2"

5 Pack
Code: R4440-VP-5

Lenox 650R

4430-VP

A = 1.8-2.5mm • 10-14 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 0.9mm • 1/32" Bi-Metal MS **Standard Cut**

4430-VP M P S MADE IN GERMANY

VARIOZAHN

Variable tooth spacing for cutting in various materials. Flexible and shatter-proof, for cuts in metals, wood with nails and synthetics

3-100mm • 1/8-4" | 3-12mm • 1/8-1/2"

5 Pack
Code: R4430-VP-5

Bosch 5922VF

4441-VP

A = 1.8-2.5mm • 10-14 t.p.i. B = 180mm • 7" C = 200mm • 8" D = 1.27mm • 1/20" Bi-Metal MS **Fire & Rescue**

4441-VP M P S MADE IN GERMANY

VARIOZAHN

Variable tooth spacing for cuts in different materials, flexible and shatter-proof. For cutting metals, wood with nails and synthetics

3-150mm • 1/8-6" | 3-12mm • 1/8-1/2"

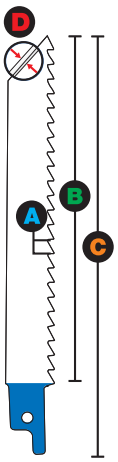
5 Pack
Code: R4441-VP-5

Blade Specifications

alpha by Sterling

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY

alpha



4431-VP

A = 1.8-2.5mm • 10-14 t.p.i. **B** = 180mm • 7" **C** = 200mm • 8" **D** = 0.9mm • 1/32"

Bi-Metal | MS | VARIOZAHN | LL | **Standard Cut**

4431-VP **M P S** MADE IN GERMANY

5 Pack
Code: R4431-VP-5

Variable tooth spacing for cuts in different materials. Flexible and shatter-proof, for cutting metals, wood with nails and synthetics

SS | 3-12mm • 1/8-1/2" | 3 -150mm • 1/8-6"

Bosch	Milwaukee
S1122VF	48-00-5193

4434-VP

A = 1.8mm-2.5 • 10-14 t.p.i. **B** = 210mm • 8½" **C** = 230mm • 9" **D** = 0.9mm • 1/32"

Bi-Metal | MS | VARIOZAHN | LL | **Standard Cut**

4434-VP **M P S** MADE IN GERMANY

5 Pack
Code: R4434-VP-5

Variable tooth spacing for cutting in various materials. Flexible and shatter-proof, for cuts in metals, wood with nails and synthetics

SS | 3-12mm • 1/8-1/2" | 3-190mm • 1/8-7⅝"

Bosch
S1122VF

4432-VP

A = 1.8mm-2.5 • 10-14 t.p.i. **B** = 280mm • 11" **C** = 300mm • 11" **D** = 0.9mm • 1/32"

Bi-Metal | MS | VARIOZAHN | LL | **Standard Cut**

4432-VP **M P S** MADE IN GERMANY

5 Pack
Code: R4432-VP-5

Variable tooth spacing for cuts in different materials, flexible and shatter-proof. For cutting metals, wood with nails and synthetics

SS | 3-12mm • 1/8-1/2" | 3-250mm • 1/8-10"

Bosch	Lenox
S1222VF	110R
Milwaukee	Dewalt
48-00-5194	DW4838

4430

A = 2.5mm • 10 t.p.i. **B** = 130mm • 5" **C** = 150mm • 6" **D** = 0.9mm • 1/32"

Bi-Metal | MS | LL | **Standard Cut**

4430 **M P S** MADE IN GERMANY

5 Pack
Code: R4430-5

Flexible and shatter-proof. Ideal for wood with nails, metals, non-ferrous metals, aluminium, pipes and profiling, old building renovations and window frames

3-120mm • 1/8-4¾" | 3-12mm • 1/8-1/2"

Bosch	Metabo	Lenox	Milwaukee	Flex
S922HF	31131	610R	48-00-5092	200778

4431

A = 2.5mm • 10 t.p.i. **B** = 180mm • 7" **C** = 200mm • 8" **D** = 0.9mm • 1/32"

Bi-Metal | MS | **Standard Cut**

4431 **M P S** MADE IN GERMANY

5 Pack
Code: R4431-5

Flexible and shatter-proof. Ideal for wood with nails, metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling

3-150mm • 1/8-6" | 3-12mm • 1/8-1/2" | LL

Lenox	Dewalt	Flex
810R	DW4846	217190

4437

A = 2.5mm • 10 t.p.i. **B** = 210mm • 8½" **C** = 230mm • 9" **D** = 1.27mm • 1/20"

Bi-Metal | MS | **Standard Cut**

4437 **M P S** MADE IN GERMANY

5 Pack
Code: R4437-5

Flexible and shatter-proof.Ideal for slab construction, metals, non-ferrous metals, aluminium, sheet metal, pipes, wood with nails and profiling

3-190mm • 1/8-7½" | 3-10mm • 1/8-3/8" | S | LL

Lenox
9514R

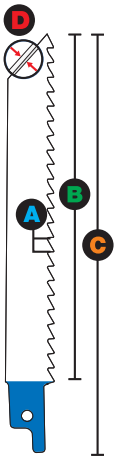
Blade Specifications

MPS RECIPROCATING BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY



4434

A = 2.5mm • 10 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 0.9mm • 1/32" — Bi-Metal, MS — **Standard Cut**

4434 M P S MADE IN GERMANY

5 Pack
Code: R4434-5

Flexible and shatter-proof.Ideal for wood with nails, metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling

3-190mm • 1/8-7½" | 3-12mm • 1/8-½" | LL

Bosch S1122HF

4432

A = 2.5mm • 10 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 0.9mm • 1/32" — Bi-Metal, MS — **Standard Cut**

4432 M P S MADE IN GERMANY

5 Pack
Code: R4432-5

Flexible and shatter-proof.Ideal for wood with nails, metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling

3-230mm • 1/8-9¼" | 3-12mm • 1/8-½" | LL

Bosch	Metabo	Flex
S1211H	31125	201928

4445

A = 3mm • 8 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 1.57mm • 1/16" — Bi-Metal, MS — **Standard Cut**

4445 M P S MADE IN GERMANY

5 Pack
Code: R4445-5

Ideal for thick walled cast iron pipes. Particularly strong saw blade for metals, pipes, profiling and wood with nails

SS | 1-190mm • 3/64 - 7½" | 1-4mm • 3/64 - 5/32" | T | LL

4444

A = 4.2mm • 6 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 1.57mm • 1/16" — Bi-Metal, MS — **Demolition**

4444 M P S MADE IN GERMANY

5 Pack
Code: R4444-5

Ideal for thick walled cast iron pipes. Particularly strong saw blade for metals, pipes, profiling and wood with nails

1-190mm • 3/64-7½" | 1-5mm • 3/64-7/32" | T | LL

Bosch	Lenox	Milwaukee
S1020CF	960R	48-00-5510

4014

A = 4.2mm • 6 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 1.27mm • 1/20" — CV, MS — **Standard Cut**

4014 M P S MADE IN GERMANY

5 Pack
Code: R4014-5

Bi-directional cuts, for plasterboard, porous concrete, woods and synthetics

6-100mm • 1/4-4" | S

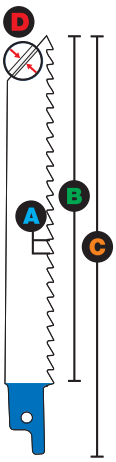
Bosch	B&D	Metabo	Lenox	Milwaukee	Flex
S828D	40127	31136	636RP	48-00-1052	206016

Blade Specifications

alpha by Sterling

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY

alpha



4031

A = 6.3mm • 4 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 1.27mm • 1/20" CV MS **Fast/Rough Cut**

5 Pack
Code: R4031-5

4031 M P S MADE IN GERMANY

Particularly suited for old building renovations (window frames) Ideal for rough cuts in woods, synthetics and sheetrock

20-100mm • 3/4-4" S

Flex
200751

4404

A = 0.8mm • 28 t.p.i. B = 80mm • 3 1/4" C = 100mm • 4" D = 0.9mm • 1/32" Bi-Metal MS **Standard Cut**

5 Pack
Code: R4404-5

4404 M P S MADE IN GERMANY

Ideal for body work. Flexible and shatter-proof ,fast,straight cuts in metals and sheet metal

SS Cu Ni Ms Zn >1.0mm • >3/64" LL

Bosch	B&D	Metabo	Flex
S522GF	40118	31127	200719

4405

A = 1.0mm • 24 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 0.9mm • 1/32" Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4405-5

4405 M P S MADE IN GERMANY

For thin metals. Flexible and shatter-proof, fast straight cuts in metals, sheet metal, pipes and profiling

SS Cu Ni Ms Zn >1.0mm • >3/64" LL

Bosch	B&D	Metabo	Makita	Flex
S922AF	40125	31129	24	200743

4401

A = 1.4mm • 18 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 0.9mm • 1/32" Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4401-5

4401 M P S MADE IN GERMANY

For thin metals. Flexible and shatter-proof, fast straight cuts in metals, sheet metal, pipes and profiling

SS Cu Ni Ms Zn 1.5-3mm • 1/16-1/8" LL

Bosch	B&D	Metabo	Makita	Lenox	Milwaukee	Dewalt	Flex
S922EF	40116	31132	22	618R	48-00-5184	DW4811	200735

4402

A = 1.4mm • 18 t.p.i. B = 180mm • 7" C = 200mm • 8" D = 0.9mm • 1/32" Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4402-5

4402 M P S MADE IN GERMANY

For thin metals.Flexible and shatter-proof, fast straight cuts in metals, sheet metal, pipes and profiling

SS Cu Ni Ms Zn 1.5-3mm • 1/16-1/8" LL

Bosch	Makita	Lenox	Milwaukee	Dewalt
S1122EF	P-04933	818R	48-00-5188	DW4921

4429

A = 1.4mm • 18 t.p.i. B = 210mm • 8 1/2" C = 230mm • 9" D = 0.9mm • 1/32" Bi-Metal MS **Fast/Straight Cut**

5 Pack Code: R4429-5

25 Pack Code: R4429-25

4429 M P S MADE IN GERMANY

For thin metals.Flexible and shatter-proof, fast straight cuts in metals, sheet metal, pipes and profiling

SS Cu Ni Ms Zn 1.5-3mm • 1/16-1/8" LL

Bosch	Metabo	Milwaukee	Flex
S1122EF	31133	48-00-5188	200751

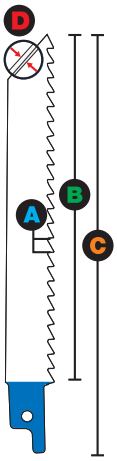
Blade Specifications

MPS RECIPROCATING BLADES

APPLICATION	BLADE TYPE	BLADE GEOMETRY	SPECIAL BLADES
Wood	CV Chrome Vanadium	CS Cross Ground, Set	TCT Tungsten Carbide
Wood, Plastic	HSS HSS	CT Cross Ground, Tapered	HM Carbide Grit
Metal	Bi-Metal Bi-Metal	MS Milled and Wavy Set	DIAMANT Diamond
Abrasive Material	HM Hard Metal	MS Milled Set	
Purpose			

See Page 119 for explanation of all symbols

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY | alpha



4420

A = 1.4mm • 18 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 0.9mm • 1/32"

Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4420-5

4420 M P S MADE IN GERMANY

For thin metals.Flexible and shatter-proof, fast straight cuts in metals, sheet metal, pipes and profiling

SS Cu Ni Ms Zn 1.5-3mm • 1/16-1/8" LL

4411

A = 1.8mm • 14 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 0.9mm • 1/32"

Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4411-5

4411 M P S MADE IN GERMANY

For thick metals. Flexible and shatter-proof, fast straight cuts in metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling

SS Cu Ni Ms Zn 2-8mm • 5/64-5/16" LL

Bosch S922BF	B&D 40113	Metabo 31134	Makita P-04927
Lenox 614R	Milwaukee 48-00-5182	Dewalt DW4809	Flex 200727

4416

A = 1.8mm • 14 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 0.9mm • 1/32"

Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4416-5

4416 M P S MADE IN GERMANY

For thick metals. Flexible and shatter-proof, fast straight cuts in metals, non-ferrous metals, aluminium, sheet metal, pipes and profiling

SS Cu Ni Ms Zn 2-8mm • 5/64-5/16" 3-180mm • 1/8-7 1/4" LL

Bosch S1122BF	Metabo 31135
Milwaukee 48-00-5037	

4422

A = 1.8mm • 14 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 0.9mm • 1/32"

Bi-Metal MS **Clean Cut**

2 Pack
Code: R4422-5

4422 M P S MADE IN GERMANY

Ideal for non-ferrous metals. For clean cuts in non-ferrous metals and wood with nails

SS Cu Ni Ms Zn 2-8mm • 5/64-5/16" LL

Metabo 31124

4446

A = 1.75-3mm • 8.5-14.5 t.p.i. B = 130mm • 5" C = 150mm • 6" D = 0.9mm • 1/32"

Bi-Metal MS **Fast/Straight Cut**

5 Pack
Code: R4446-5

4446 M P S MADE IN GERMANY

For thicker materials. Flexible and shatterproof, fast, straight cuts in metals, aluminium, sheet metal, pipes and profiles

5 -100mm • 3/64 - 4" 1-8mm • 3/64-5/16" LL PROGRESSIVE

Bosch S123XF

Blade Specifications

alpha by Sterling

blade type **RECIPROCATING** | shank type UNIVERSAL SHANK | made in GERMANY

alpha

4073

A = 4.2mm • 6 t.p.i. B = 210mm • 8½" C = 230mm • 9" D = 0.9mm • 1/32"

HM TCT **Fast/Rough Cut**

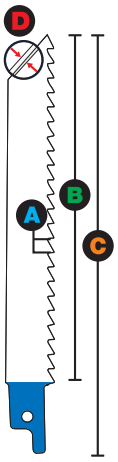
4073 MPS MADE IN GERMANY

2 Pack
Code: R4073-2

Ideal for fibreglass reinforced synthetic materials.Fast, rough cuts in abrasive materials, fibreglass-reinforced synthetics, and cement bound chipboard

6 -100mm • 1/4-4"

Bosch S1141HM



4076

A = 8.5mm • 3 t.p.i. B = 280mm • 11" C = 300mm • 12" D = 0.9mm • 1/32"

HM TCT **Fast/Rough Cut**

4076 MPS MADE IN GERMANY

2 Pack
Code: R4076-2

Ideal for fibreglass reinforced synthetic materials.Fast, rough cuts in abrasive materials, fibreglass-reinforced synthetics, and cement bound chipboard

6-100mm • 1/4-4" | 6-250mm • 1/4 - 10"

Bosch S1241HM

4080

A = Grit 50 B = 130mm • 5" C = 150mm • 6" D = 0.9mm • 1/32"

HM HM **Standard Cut**

4080 MPS MADE IN GERMANY

5 Pack
Code: R4080-5

Especially suited for extremely hard cast iron pipes. Straight cuts in clay and ceramic tiles

1-10mm • 3/64-3/8" | 1-50mm • 3/64-2"

Lenox	Milwaukee
600RG	48-00-1420

4084

A = Grit 50 B = 210mm • 8½" C = 230mm • 9" D = 0.9mm • 1/32"

HM HM **Standard Cut**

4084 MPS MADE IN GERMANY

5 Pack
Code: R4084-5

Especially suited for extremely hard cast iron pipes.
Straight cuts in clay and ceramic tiles

1-10mm • 3/64-3/8" | 1-150mm • 3/64-6" | S

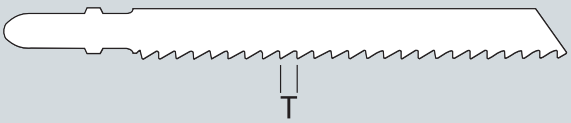
Bosch	Lenox	Milwaukee
S1130RIFF	800RG	48-00-1430

TOOTH SPACING

The tooth spacing "T" is the distance in mm from the point of one tooth to the next. Sometimes the tooth spacing is given in inches.

E.g. 14 teeth/inch correspond to a 1.8mm pitch

$$T = \frac{25.4\text{mm}}{14} = 1.8\text{mm}$$



The class of tooth spacing, which should be used in practice is dependant upon:

a> The thickness of the material. Tooth spacing should be chosen so as to ensure that at least 3 teeth are always in the material at the same time. E.g. 6mm thick material - 2mm tooth spacing for boards with thinner supports.

b> The strength of the material.

A generally applicable rule is: the harder the material the smaller the tooth.

Merchandisers - Jigsaw Blades

alpha

Euro Shank Jigsaw Counter / Hanging Merchandiser

A wide range of Euro Shank Jigsaw blades for metal, wood, plastic etc including blade packs.

Contains:

J3101-5 ____Qty 5
J3103-5 ____Qty 5
J3106-5 ____Qty 5
J3104-5 ____Qty 5
J3105-5 ____Qty 3
J3111-5 ____Qty 5
J3113-5 ____Qty 5
J3110-5 ____Qty 5
J3102-5 ____Qty 3
J3121-5 ____Qty 3
J3150-F-5___Qty 3
J3180-5 ____Qty 3
J3182-5 ____Qty 3
J3197-3 ____Qty 3
J3198-5 ____Qty 3

Code: JESM01

Universal Jigsaw Counter / Hanging Merchandiser

A wide range of Universal Shank Jigsaw blades for metal, wood, plastic etc.

Contains:

J3406-5 ____Qty 5
J3408-5 ____Qty 5
J3409-5 ____Qty 5
J3410-5 ____Qty 5
J3411-5 ____Qty 5
J3413-5 ____Qty 5
J3404-5 ____Qty 5
J3401-5 ____Qty 5
J3402-5 ____Qty 5
J3403-5 ____Qty 5
J3481-5 ____Qty 3
J3421-5 ____Qty 3
J3499-5 ____Qty 3

Code: JUSM01

Euro Shank Jigsaw Blade Counter Spinner

A comprehensive range of Euro Shank Jigsaw Blades on our awsome new light and compact spinner

Contains:

J3101-5 ____Qty 5
J3106-5 ____Qty 5
J3104-5 ____Qty 5
J3105-5 ____Qty 5
J3102-5 ____Qty 5
J3101-KR-5 _Qty 3
J3111-5 ____Qty 5
J3113-5 ____Qty 5
J3121-5 ____Qty 3
J3150-F-5___Qty 3
J3197-5 ____Qty 3
J3198-5 ____Qty 3

Code: JESC01

Euro Shank Jigsaw Blade Counter Merchandiser

Attractive counter merchandiser of popular Euro Shank Jigsaw blades.

Contains:

J3145-5 ____Qty 20
J3160-5 ____Qty 20
J3101-KR-5 _Qty 20

Code: JESM02

Merchandisers - Reciprocating Blades

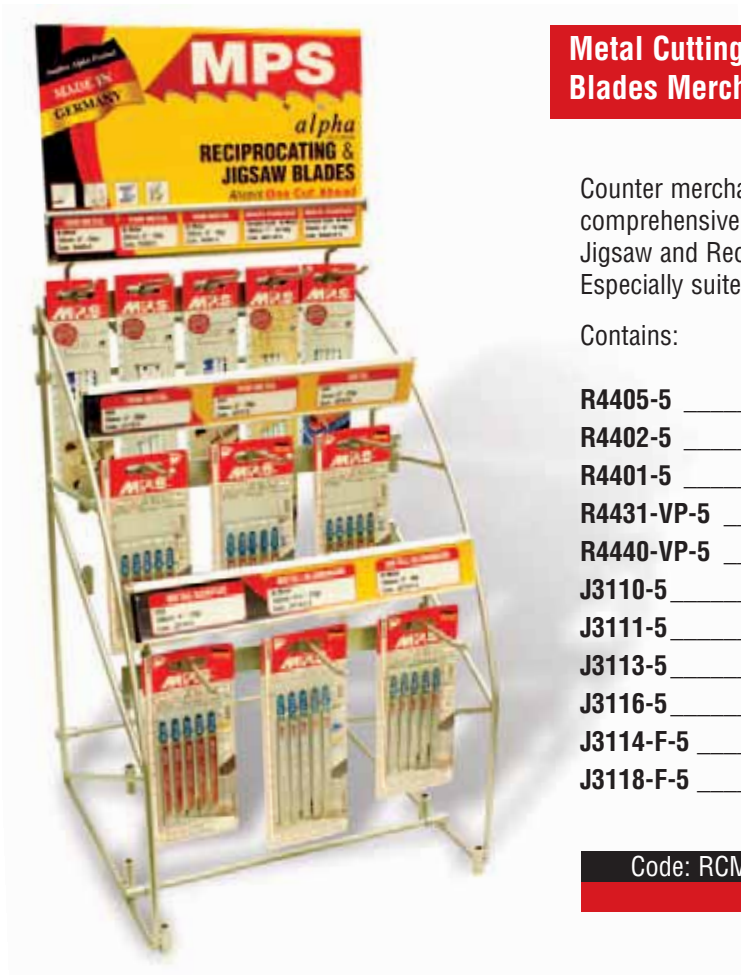
Reciprocating Blade Counter Merchandiser

An attractive compact counter merchandiser of popular reciprocating blades.

Contains:

R4429-5	Qty 3
R4431-5	Qty 3
R4015-5	Qty 3
R4441-VP-5	Qty 3
R4432-VP-5	Qty 3

Code: RCS01



Metal Cutting Blades Merchandiser

Counter merchandiser containing a comprehensive range of metal cutting Jigsaw and Reciprocating blades. Especially suited to steel supply companies.

Contains:

R4405-5	Qty 2
R4402-5	Qty 2
R4401-5	Qty 2
R4431-VP-5	Qty 2
R4440-VP-5	Qty 2
J3110-5	Qty 3
J3111-5	Qty 3
J3113-5	Qty 3
J3116-5	Qty 3
J3114-F-5	Qty 3
J3118-F-5	Qty 3

Code: RCM01

Merchandisers - Reciprocating Blades

Reciprocating Blade Hanging Merchandiser

A comprehensive range of reciprocating blades for wood, metal, plastic etc.

Contains:

R4021-5	Qty 2
R4014-5	Qty 2
R4052-5	Qty 2
R4010-5	Qty 2
R4031-5	Qty 2
R4431-5	Qty 2
R4046-5	Qty 2
R4401-5	Qty 2
R4402-5	Qty 2
R4411-5	Qty 2
R4015-5	Qty 2
R441-VP-5	Qty 2
R4432-VP-5	Qty 2
R4073-2	Qty 2
R4429-5	Qty 2

Code:RHM01

ALPHAHACKSAWBLADES

Bi-Metal HSS

ALPHAAIRHACKSAWBLADES

Bi-Metal HSS

MPSAIRHACKSAWBLADES

Premium Bi-Metal HSS

MADE IN EUROPE

brand	style	material
ALPHA/MPS	HACKSAW BLADES	HSS BI-METAL

tpi	Code	Description	Length mm	Pack qty
	ALPHA HACKSAW BLADES			
18	300-18A	ALPHA 18 tpi Hacksaw Blade	300	100
24	300-24A	ALPHA 24 tpi Hacksaw Blade	300	100
32	300-32A	ALPHA 32 tpi Hacksaw Blade	300	100

tpi	Code	Description	Length mm	Pack qty
	AIR HACKSAW BLADES			
14	CBB-14A	ALPHA 14 tpi Air Hacksaw Blade 10 pack	90	10
18	CBB-18A	ALPHA 18 tpi Air Hacksaw Blade 10 pack	90	10
24	CBB-24A	ALPHA 24 tpi Air Hacksaw Blade 10 pack	90	10
32	CBB-32A	ALPHA 32 tpi Air Hacksaw Blade 10 pack	90	10

tpi	Code	Description	Length mm	Pack qty
	MPS AIR HACKSAW BLADES			
18	CBB-18MPS	18 tpi MPS Air Hacksaw Blade 5 pack	90	5
24	CBB-24MPS	24 tpi MPS Air Hacksaw Blade 5 pack	90	5
32	CBB-32MPS	32 tpi MPS Air Hacksaw Blade 5 pack	90	5

THE HOLE AI

MAXBOR – ELECTROMAGNETIC DRILLING PRECISION

DVANTAGE

alpha

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174 **CUTTING FLUIDS**

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SIGNATURE SERIES MADE IN ENGLAND • SIGNATURE SERIES MADE IN ENGLAND •

alpha™

MAXbor®

ELECTROMAGNETIC DRILLING MACHINES

MAXimum power

MAXimum precision

MAXimum productivity

alpha™ THE HOLE ADVANTAGE

MAXbor® ~ Signature Series

MAXbor® Revolution

www.maxbor.com.au

DRILLING MACHINES ANNULAR CUTTERS BROACH STEP DRILLS

These parts have no connection with the proprietors of the registered trademarks.

Maxbor Electromagnetic Drill Features

www.maxbor.com.au

Powerful Motors

Ample power and efficient gearboxes, for reliable service and long-life.

Integrated Coolant System

For cleaner cutting and extended life of cutters.

Dovetail Slides

Long stroke adjustable brass dovetail slides for precision drilling and long accurate service life.

Compact Design

Class leading power-to-weight ratios, and compact, practical designs.

Carry Handles

Strong well positioned carry handles for ease of carrying and manoeuvrability

Control Panel

Control panels are well laid out and easy to use.

High Density Magnets

Maximum adhesion with dual core high-density magnets.

Drill Comparison Chart

DRILL MODEL	CUTTER DIAMETER CAPACITY	DRILL DIAMETER CAPACITY	TAP CAPACITY
REVOLUTION SERIES			
MBREVOLP	12 - 35mm (x 25D)		
MBREVOC	12 - 32mm (x 25D)	3 - 13mm	
MB351L	12 - 35mm (x 35D)	3 - 13mm	
MB502L	12 - 50mm (x 50D)	3 - 13mm	
SIGNATURE SERIES			
MB32	12 - 32mm (x 50D)	3 - 18mm	
MB32FRV	12 - 32mm (x 50D)	3 - 18mm	M5-M12
MB45	12 - 50mm (x 50D)	3 - 23mm	
MB45V	12 - 50mm (x 50D)	3 - 23mm	
MB70	12 - 70mm (x 50D)	3 - 32mm	M5-M24
MB70/2	12 - 70mm (x 50D)	3 - 32mm	
MB100	12 - 100mm (x 50D)	3 - 32mm	

Revolution Series

MBREVOLP

MAXBOR LOW PROFILE ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 7

PRODUCT SPECIFICATIONS

Total Power	1100 watt
Magnetic Adhesion	1500 kgs
Speeds	690 / 390 rpm (no load / load)
Cutter Capacity	12mm to 35mm (x25mm)
Size	H 200mm W 101mm D 285mm
Weight	10 kgs

MBREVOC

MAXBOR REVOLUTION COMPACT ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 8

PRODUCT SPECIFICATIONS

Total Power	850 watt
Magnetic Adhesion	1000 kgs
Speeds	390 / 690 rpm (load / no load)
Cutter Capacity	12mm to 32mm (x25mm)
Drilling Capacity	3mm to 13mm
Size	H 312mm W 115mm D 225mm
Travel	155mm
Weight	10.7 kgs

MB32

MAXBOR MB32-C ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 12

PRODUCT SPECIFICATIONS

Total Power	770 watt
Motor	720 watt
Magnetic Adhesion	1000 kgs
Speeds	550 / 380 rpm (no load / load)
Cutter Capacity	12mm to 32mm (x50mm)
Drilling Capacity	3mm to 18mm
Size	H 300mm W 90mm D 240mm
Travel	165mm
Weight	12.5 kgs

MB351L

MAXBOR MB351L ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 9

PRODUCT SPECIFICATIONS

Power	1100 watt
Magnetic Adhesion	1700 kgs
Speeds	450 / 270 rpm (no load / load)
Cutter Capacity	12 to 35mm (x50mm)
Drilling Capacity	3mm to 13mm
Size	H 350mm W 115mm D 270mm
Travel	200mm
Weight	14 kgs

MB502

MAXBOR MB502 ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 10

PRODUCT SPECIFICATIONS

Power	1100 watt
Magnetic Adhesion	1700 kgs
Speeds	Speed 1 300 / 180 rpm (no load / load) Speed 2 450 / 270 rpm (no load / load)
Cutter Capacity	12 to 50 mm (x50mm)
Drilling Capacity	3mm to 13mm
Size	H 380mm W 115mm D 270mm
Travel	200mm
Weight	15 kgs

MB70

VARIABLE SPEED

MAXBOR MB70-C ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 16

PRODUCT SPECIFICATIONS

Total Power	1850 watt
Motor	1800 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 60 - 140 rpm (load) Speed 2 200 - 470 rpm (load)
Cutter Capacity	12mm to 70mm (x50mm)
Drilling Capacity	3mm to 32mm
Tapping Capacity	M5 to M24
Arbor	MT3
Size	H 445mm W 110mm D 330mm
Travel	200mm
Weight	22 kgs

Signature Series

www.maxbor.com.au

MB32COMBI

MAXBOR MB32FRV-C
ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 13

VARIABLE SPEED

PRODUCT SPECIFICATIONS

Total Power	770 watt
Motor	720 watt
Magnetic Adhesion	1000 kgs
Speeds	25 - 550 rpm (no load)
Cutter Capacity	12mm to 32mm (x50mm)
Drilling Capacity	3mm to 18mm
Tapping Capacity	M5 to M12
Size	H 300mm W 90mm D 240mm
Travel	165mm
Weight	12.5 kgs

MB45

MAXBOR MB45-C
ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 14

PRODUCT SPECIFICATIONS

Total Power	1200 watt
Motor	1150 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 400 / 250 rpm (no load / load) Speed 2 730 / 450 rpm (no load / load)
Cutter Capacity	12mm to 50mm (x50mm)
Drilling Capacity	3mm to 23mm
Arbor	MT2
Size	H 370mm W 115mm D 280mm
Travel	200mm
Weight	20 kgs

MB45V

VARIABLE SPEED

MAXBOR MB45V-C
ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 15

PRODUCT SPECIFICATIONS

Total Power	1200 watt
Motor	1150 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 25 - 250 rpm (load) Speed 2 250 - 450 rpm (load)
Cutter Capacity	12mm to 50mm (x50mm)
Drilling Capacity	3mm to 23mm
Arbor	MT2
Size	H 370mm W 115mm D 280mm
Travel	200mm
Weight	20 kgs

MB70/2

MAXBOR MB70/2-C
ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 17

PRODUCT SPECIFICATIONS

Total Power	1750 watt
Motor	1700 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 235 / 140 rpm (no load / load) Speed 2 780 / 470 rpm (no load / load)
Cutter Capacity	12mm to 70mm (x50mm)
Drilling Capacity	3mm to 32mm
Arbor	MT3
Size	H 445mm W 110mm D 330mm
Travel	200mm
Weight	22 kgs

MB100E

MAXBOR MB100E-C
ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 18

PRODUCT SPECIFICATIONS

Total Power	1750 watt
Motor	1700 watt
Magnetic Adhesion	2000 kgs
Speeds	4 speeds 200, 320, 445, 700 rpm (no load) 110, 175, 245, 385 rpm (load)
Cutter Capacity	12mm to 100mm (x50mm)
Drilling Capacity	3mm to 32mm
Arbor	MT3
Size	H 480mm W 110mm D 320mm
Travel	280mm
Weight	25 kgs

MB100ESW

MAXBOR MB100ESW-C SWIVEL BASE
ELECTROMAGNETIC DRILLING SYSTEM

> FULL DETAILS ON PAGE 18

PRODUCT SPECIFICATIONS

Total Power	1750 watt
Motor	1700 watt
Magnetic Adhesion	2000 kgs
Speeds	4 speeds 200, 320, 445, 700 rpm (no load) 110, 175, 245, 385 rpm (load)
Cutter Capacity	12mm to 100mm (x50mm)
Drilling Capacity	3mm to 32mm
Arbor	MT3
Size	H 480mm W 110mm D 320mm
Travel	280mm
Weight	25 kgs

MAXbor® Revolution by Sterling

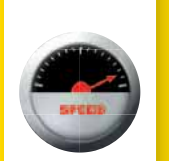
Maxbor Revolution Series

MAXbor® Revolution

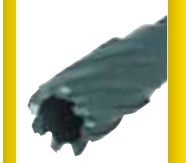
VALUE PACKED

COMPETITIVE PRICING

POWERFUL & COMPACT



SINGLE SPEED



ø 12-35mm

Maxbor Revolution Series > Low Profile

www.maxbor.com.au

The Maxbor Low Profile is a powerful, compact machine carefully designed for maximum versatility. With a quick release chuck and a powerful 1100W motor, this drill is ideal for truck body work and other drilling applications with limited access.

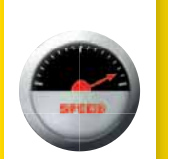
Model MBREVOLP

Features include:

- Versatile, lightweight and user friendly
- Ergonomic, user friendly design
- LED light for improved vision
- Quick release chuck
- Removable handle can be fitted on either side
- Improved Dual Core high density magnet for maximum adhesion
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap
- 12 Months Warranty

PRODUCT SPECIFICATIONS

Total Power	1100 watt
Magnetic Adhesion	1500 kgs
Speeds	690 / 390 rpm (no load / load)
Cutter Capacity	12mm to 35mm x 25mm depth
Spindle Stroke	38mm (travel)
Size	H 200mm W 110mm D 285mm
Weight	10 kgs



SINGLE SPEED

ø 3-13mm

ø 12-32mm

Maxbor Revolution Series > Revolution Compact

The Revolution Compact uses the very latest technology for a reliable and surprisingly powerful magnetic drilling system, the top performer in the workshop or on site when you need to tackle jobs that call for lighter duty work needing quality performance you can rely on.

Model MBREVOC

Features include:

- Versatile, lightweight and user friendly power unit
- Internal spindle coolant system
- Ergonomic, user friendly design
- Free 13mm chuck
- Cutter Guard
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Made in Sheffield, England
- 12 Months Warranty

PRODUCT SPECIFICATIONS

Total Power	850 watt
Magnetic Adhesion	1000 kgs
Speeds	390 / 690 rpm (load / no load)
Cutter Capacity	12mm – 32mm (x 25mm depth)
Drilling Capacity	3mm – 13mm
Spindle Stroke	155mm (travel)
Size	H 305mm (minimum) H 460mm (maximum) W 120mm D 275mm
Weight	12 kgs

SINGLE SPEED

ø 3-13mm

ø 12-35mm

MAXbor® Revolution by Sterling

Maxbor Revolution Series > MB351L

www.maxbor.com.au

The MB351 is a value packed electromagnetic drilling machine for light to medium duty applications, with a quick release arbor and coolant system standard. Variable height slide for twist drilling applications.

Model MB351L

Features include:

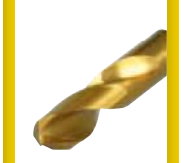
- Powerful 1100 watt motor
- Quick release arbor
- Complete external coolant system
- Carry Handle
- Adjustable motor slide height for jobber drills
- Adjustable brass dovetail slides
- Dual Core high density magnet for maximum adhesion
- Chip guard kit
- Safety chain
- Protective carry case and hex keys
- Overload protection
- 12 months warranty

PRODUCT SPECIFICATIONS

Power	1100 watt
Magnetic Adhesion	1700 kgs
Speeds	450 / 270 rpm (no load / load)
Cutter Capacity	12 – 35mm (x 50mm depth)
Drilling Capacity	3mm to 13mm
Spindle Stroke	110 –200mm (adjustable slide)
Size	H 350mm W 115mm D 270mm
Weight	14 kgs

MAXbor Revolution by Sterling

2 SPEED


ø 3-13mm

ø 12-50mm

Maxbor Revolution Series > MB502

A compact, powerful and versatile medium duty electromagnetic drill, with a quick release arbor and external coolant system as standard. Variable height slide for twist drilling applications.

Model MB502

Features include:

- Powerful 1100 watt 2 speed motor
- Quick release arbor
- Complete external coolant system
- Carry Handle
- Adjustable motor slide height for jobber drills
- Adjustable brass dovetail slides
- Dual Core high density magnet for maximum adhesion
- Chip guard kit
- Safety chain
- Protective carry case and hex keys
- Overload protection
- 12 months warranty

PRODUCT SPECIFICATIONS

Power	1100 watt
Magnetic Adhesion	1700 kgs
Speeds	Speed 1 300 / 180 rpm (no load / load) Speed 2 450 / 270 rpm (no load / load)
Cutter Capacity	12 to 50 mm (x 50mm)
Drilling Capacity	3mm to 13mm
Spindle Stroke	110 – 200mm (adjustable slide)
Size	H 380mm W 115mm D 270mm
Weight	15 kgs

www.maxbor.com.au

MAXbor®

~Signature Series

INDUSTRIAL DRILLING SOLUTIONS

SINGLE SPEED

ø 3-18mm

ø 12-32mm

Maxbor Signature Series > MB32

The Maxbor MB32 has been ergonomically designed to provide an electromagnetic drilling machine that is totally user friendly with an excellent power to weight ratio.

Model MB32 (internal spindle coolant)
Model MB32-C (external coolant system)

Features include:

- Fitted with tried and proven HITACHI D13 power unit
- Free 13mm chuck
- Complete external coolant system available
- Ergonomic, user friendly design
- Cutter Guard
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Made in Sheffield, England
- 12 Months Warranty

PRODUCT SPECIFICATIONS

Total Power	770 watt
Motor	720 watt
Magnetic Adhesion	1000 kgs
Speeds	550 / 380 rpm (no load / load)
Cutter Capacity	12mm to 32mm (x50mm)
Drilling Capacity	3mm to 18mm
Size	H 300mm W 90mm D 240mm
Travel	165mm
Weight	12.5 kgs

VARIABLE SPEED

ø 3-18mm

ø 12-32mm

M5-M12

MAXbor® ~Signature Series by Sterling®

Maxbor Signature Series > MB32FRV

www.maxbor.com.au

The MB32 Combi has the same excellent power to weight ratio as the MB32. In addition it has forward, reverse and variable speed as standard providing a choice of tapping, cutting and drilling capabilities.

Model MB32FRV-C

Features include:

- Fitted with tried and proven HITACHI D13 power unit
- Forward and reverse
- Variable speed
- Suitable for tapping applications
- Free 13mm chuck
- Complete external coolant system
- Cutter guard
- Ergonomic, user friendly design
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Made in Sheffield, England
- 12 Months Warranty

VARIABLE SPEED

PRODUCT SPECIFICATIONS

Total Power	770 watt
Motor	720 watt
Magnetic Adhesion	1000 kgs
Speeds	25 - 550 rpm (no load)
Cutter Capacity	12mm to 32mm (x50mm)
Drilling Capacity	3mm to 18mm
Tapping Capacity	M5 to M12
Size	H 300mm W 90mm D 240mm
Travel	165mm
Weight	12.5 kgs

MAXbor ~Signature Series by Sterling

2 SPEED

ø 3-23mm

ø 12-50mm

Maxbor Signature Series > MB45-C

The cutting capacity to weight ratio of the Maxbor MB45 complements the MB32 but adds more cutting power. The relatively light overall weight of the MB45 disguises the cutting and drilling power normally associated with a much heavier machine.

Model MB45-C

Features include:

- Fitted with tried and proven EIBENSTOCK 2 speed power unit
- Cutter guard
- Complete external coolant system
- Ergonomic, user friendly design
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Quality product – Made in Sheffield, England
- 12 Months Warranty

PRODUCT SPECIFICATIONS

Total Power	1200 watt
Motor	1150 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 400 / 250 rpm (no load / load) Speed 2 730 / 450 rpm (no load / load)
Cutter Capacity	12mm to 50mm (x50mm)
Drilling Capacity	3mm to 23mm
Arbor	MT2
Size	H 370mm W 115mm D 280mm
Travel	200mm
Weight	20 kgs

VARIABLE SPEED

ø 3-23mm

ø 12-50mm

MAXbor® ~Signature Series by Sterling®

Maxbor Signature Series > MB45V-C

www.maxbor.com.au

The cutting capacity to weight ratio of the Maxbor MB45 complements the MB32 but adds more cutting power. The relatively light overall weight of the MB45 disguises the cutting and drilling power normally associated with a much heavier machine. The addition of variable speed allows for optimal cutting speeds over the full cutting capacity.

Model MB45V-C

Features include:

- Fitted with tried and proven EIBENSTOCK variable speed power unit
- Cutter guard
- Complete external coolant system
- Ergonomic, user friendly design
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Quality product – Made in Sheffield, England
- 12 Months Warranty

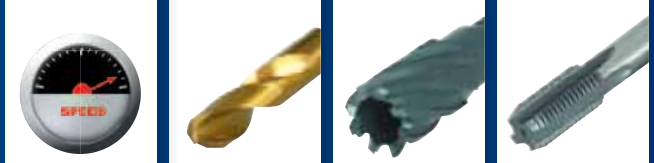
MADE IN ENGLAND • MADE IN ENGLAND • MADE IN ENGLAND • MADE IN ENGLAND

VARIABLE SPEED

PRODUCT SPECIFICATIONS

Total Power	1200 watt
Motor	1150 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 25 - 250 rpm (load) Speed 2 250 - 450 rpm (load)
Cutter Capacity	12mm to 50mm (x50mm)
Drilling Capacity	3mm to 23mm
Arbor	MT2
Size	H 370mm W 115mm D 280mm
Travel	200mm
Weight	20 kgs

MAXbor ~Signature Series by Sterling



Maxbor Signature Series > MB70-C

Carefully designed to guarantee enhanced power and versatility, the MB70 is a proven, powerful performer and still portable enough to be used on-site or in the workshop, providing the perfect solution to even the most difficult of drilling applications. The MB70 incorporates a reversible, variable speed motor allowing it to be readily used for tapping applications.

Model MB70-C

Features include:

- Fitted with tried and proven EIBENSTOCK soft start power unit
- Infinitely variable speed
- Forward and reverse facility
- Suitable for tapping applications
- Constant torque
- Electro-torque control
- Mechanical clutch
- Cutter guard
- Complete external coolant system
- Ergonomic, user friendly design
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Quality product – Made in Sheffield, England
- 12 Months Warranty

VARIABLE SPEED

PRODUCT SPECIFICATIONS

Total Power	1850 watt
Motor	1800 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 60-140 rpm (load speed) Speed 2 200-470 rpm (load speed)
Cutter Capacity	12mm to 70mm (x50mm)
Drilling Capacity	3mm to 32mm
Tapping Capacity	M5 to M24
Arbor	MT3
Size	H 445mm W 110mm D 330mm
Travel	200mm
Weight	22 kgs

2 SPEED

ø 3-32mm

ø 12-70mm

Maxbor Signature Series > MB70/2-C

www.maxbor.com.au

The Maxbor MB70/2 is a workhorse that brings all the drilling capacity of the MB70 to applications that do not require the full range of professional variations.

Model MB70/2-C

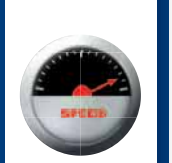
Features include:

- Fitted with tried and proven EIBENSTOCK 2 speed power unit
- Complete external coolant system
- Cutter guard
- Ergonomic, user friendly design
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Quality product – Made in Sheffield, England
- 12 Months Warranty

PRODUCT SPECIFICATIONS

Total Power	1750 watt
Motor	1700 watt
Magnetic Adhesion	1500 kgs
Speeds	Speed 1 235 / 140 rpm (no load / load) Speed 2 780 / 470 rpm (no load / load)
Cutter Capacity	12mm to 70mm (x50mm)
Drilling Capacity	3mm to 32mm
Arbor	MT3
Size	H 445mm W 110mm D 330mm
Travel	200mm
Weight	22 kgs

MAXbor ~Signature Series by Sterling



4 SPEED

ø 3-32mm

ø 12-100mm

Maxbor Signature Series > MB100E-C

The Maxbor MB100E is a more powerful machine and with a low spindle speed of 110rpm can be very useful on large cutter/ difficult applications. The swivel based option provides convenience and practicality in allowing precise positioning of the cutter, whilst the weight is taken by the powerful magnet.

Models: MB100E-C and MB100ESW-C Swivel Base

Features include:

- Fitted with tried and proven EIBENSTOCK power unit
- Unique cutting capacity of 100mm plus
- Cutter guard
- Complete external coolant system
- Ergonomic, user friendly design
- Dual carry handles
- Reversible handle for use in restricted conditions
- Improved Dual Core high density magnet for maximum adhesion
- Corrosion resistant, tangle-free cable from stand to drill unit
- Isolating power relay for improved handling safety
- Free protective carrying case complete with safety strap, safety guard and folding hex key set
- Quality product – Made in Sheffield, England
- 12 Months Warranty
- Swivel base option available, allows movement of the machine's body through 260° and a lateral movement of 22mm

PRODUCT SPECIFICATIONS

Total Power	1750 watt
Motor	1700 watt
Magnetic Adhesion	2000 kgs
Speeds	4 Speeds 200, 320, 445, 700 rpm (no load) 110, 175, 245, 385 rpm (load)
Cutter Capacity	12mm to 100mm (x50mm)
Drilling Capacity	3mm to 32mm
Arbor	MT3
Size	H 480mm W 110mm D 320mm
Travel	280mm
Weight	25 kgs

Maxbor Accessories

DRILL CHUCKS

Standard Duty Drill Chuck and Key
½" x 20 UNC Internal Threaded
Code: MB-CHUCK12

Heavy Duty Keyless Drill Chucks – Morse Taper Arbors
- Precision Machined
- 13mm Capacity
- Titanium Coated Jaws
- Supplied with hook wrench

MT2 13mm Chuck – **Code: MB-CH13MT2**
MT3 13mm Chuck – **Code:MB-CH13MT3**

DRILL CHUCK ADAPTOR

½" UNC Thread to Weldon Shank Adaptor
Suits Standard Duty Drill Chuck (MB-CHUCK12)
Code: MB-CA12

ARBOR EXTENSIONS

Weldon Shank Extension
Weldon to Weldon Extension Arbor – 100mm
Pilot Pins available – see page 21
Code: MB-EXT100

MAGNETIC CHIP COLLECTOR

Magnetic Chip Collector
Quick and easy clean up and disposal of drilling swarf.
Code: MB-MCC

TAPPING CHUCKS AND ARBORS

Tapping Chuck M3 – M12
- Adjustable capacity
- Suits MB32FRV-C drill
- Supplied with Weldon adaptor

Code: MB-TAPM12

Tapping Chuck M9 – M18
- Adjustable capacity
- Suits MB70-C drill
- Supplied with MT3 arbor

Code: MB-TAPM18

Note:
- These tapping chucks are for use on mag based drills with reverse capability only.
- Use of MB-FRVADP adaptor below recommended for tapping with the MB-32FRV-C drill.
- Suitable for spiral point (gun) taps for through hole tapping

Visit **www.maxbor.com.au** for more information on tapping

ARBORS/ADAPTORS

Short Arbor Adaptor
Suits MB32FRV
½" UNC internal thread to Weldon adaptor

Total length 45mm

Used for adapting Maxbor MB-TAPM12 tapping chuck to the MB32FRV drill

Code: MB-FRVADP

Morse Taper Arbor
MT3 arbor with 3JT mount

Used for adapting the MB-TAPM18 tapping chuck or drill chucks to the MB70 drill

Code: MB-ARBMT3

Weldon Shank Adaptor
Adaptor to convert MB-TAPM12 tapping chuck or drill chucks to Weldon Shank

B16 – Weldon • **Code: MB-ADPB16**

WELDON ARBORS

Standard
Drill arbors with internal coolant reservoir
Internal pilot pin spring

MT2 – 50mm cutting depth • **Code: 18Y101**
MT3 – 50mm cutting depth • **Code: 18Y102**

Coolant Feed
Drill arbors with external coolant feed to suit Weldon shank cutters

Internal pilot pin spring

MT2 – 50mm cutting depth • **Code: 18Y104**
MT3 – 50mm cutting depth • **Code: 18Y105**

Quick Release
Quick Release arbor to suit Weldon shank cutters

Suits MB351L and MB502 models.
Can be used for other drills without coolant feed
MT3 shank

Code: MB-QRA

PIPE ATTACHMENT

Pipe Drilling Attachment
Attachment to suit most magnetic based drills for drilling pipes and columns etc.

Supplied with two ratchet straps.
Code: 18YPIPE

MAXbor by Sterling

Maxbor Annular Cutters

MADE IN ENGLAND • MADE IN ENGLAND • MADE IN ENGLAND • MADE IN ENGLAND

HSS Annular Cutters

Premium quality cutters have a tempered black oxide finish with improved properties and superior performance.

- Multi-Fit Shank
- Alternate tooth geometry
- Improved wear resistance
- Reduced friction
- Greatly enhanced cutter life

TCT Annular Cutters

Premium quality Tungsten Carbide Tipped cutters, for drilling harder materials such as stainless steel, castings and higher grade wear resistant steels.

- Multi-fit shank
- Premium quality tungsten carbide teeth
- Long service life

All cutters packed in a protective tube with cutting speeds listed for easy reference.

HSS CUTTERS LAST 2X LONGER!*

** Maxbor HSS Annular cutters last 2X longer than standard HSS cutters.*

Maxbor Annular Cutters > Sizes

HSS ANNULAR CUTTERS				TCT ANNULAR CUTTERS	
Drill Dia.	CODE	CODE	CODE	CODE	CODE
mm	25mm DOC	50mm DOC	110mm DOC	35mm DOC	50mm DOC
12	CHSS1225	CHSS1250		TCHSS1235	TCHSS1250
13	CHSS1325	CHSS1350		TCHSS1335	TCHSS1350
14	CHSS1425	CHSS1450		TCHSS1435	TCHSS1450
15	CHSS1525	CHSS1550		TCHSS1535	TCHSS1550
16	CHSS1625	CHSS1650		TCHSS1635	TCHSS1650
17	CHSS1725	CHSS1750		TCHSS1735	TCHSS1750
18	CHSS1825	CHSS1850		TCHSS1835	TCHSS1850
19	CHSS1925	CHSS1950	CHSS19110	TCHSS1935	TCHSS1950
20	CHSS2025	CHSS2050	CHSS20110	TCHSS2035	TCHSS2050
21	CHSS2125	CHSS2150	CHSS21110	TCHSS2135	TCHSS2150
22	CHSS2225	CHSS2250	CHSS22110	TCHSS2235	TCHSS2250
23	CHSS2325	CHSS2350	CHSS23110	TCHSS2335	TCHSS2350
24	CHSS2425	CHSS2450	CHSS24110	TCHSS2435	TCHSS2450
25	CHSS2525	CHSS2550	CHSS25110	TCHSS2535	TCHSS2550
26	CHSS2625	CHSS2650	CHSS26110	TCHSS2635	TCHSS2650
27	CHSS2725	CHSS2750	CHSS27110	TCHSS2735	TCHSS2750
28	CHSS2825	CHSS2850	CHSS28110	TCHSS2835	TCHSS2850
29	CHSS2925	CHSS2950	CHSS29110	TCHSS2935	TCHSS2950
30	CHSS3025	CHSS3050	CHSS30110	TCHSS3035	TCHSS3050
31	CHSS3125	CHSS3150	CHSS31110	TCHSS3135	TCHSS3150
32	CHSS3225	CHSS3250	CHSS32110	TCHSS3235	TCHSS3250
33	CHSS3325	CHSS3350	CHSS33110	TCHSS3335	TCHSS3350
34	CHSS3425	CHSS3450	CHSS34110	TCHSS3435	TCHSS3450
35	CHSS3525	CHSS3550	CHSS35110	TCHSS3535	TCHSS3550
36	CHSS3625	CHSS3650	CHSS36110	TCHSS3635	TCHSS3650
37	CHSS3725	CHSS3750	CHSS37110	TCHSS3735	TCHSS3750
38	CHSS3825	CHSS3850	CHSS38110	TCHSS3835	TCHSS3850
39	CHSS3925	CHSS3950	CHSS39110	TCHSS3935	TCHSS3950
40	CHSS4025	CHSS4050	CHSS40110	TCHSS4035	TCHSS4050
41	CHSS4125	CHSS4150	CHSS41110		TCHSS4150

HSS ANNULAR CUTTERS				TCT ANNULAR CUTTERS	
Drill Dia.	CODE	CODE	CODE	CODE	CODE
mm	25mm DOC	50mm DOC	110mm DOC	35mm DOC	50mm DOC
42	CHSS4225	CHSS4250	CHSS42110	TCHSS4235	TCHSS4250
43	CHSS4325	CHSS4350	CHSS43110		TCHSS4350
44	CHSS4425	CHSS4450	CHSS44110	TCHSS4435	TCHSS4450
45	CHSS4525	CHSS4550	CHSS45110		TCHSS4550
46	CHSS4625	CHSS4650	CHSS46110	TCHSS4635	TCHSS4650
47	CHSS4725	CHSS4750	CHSS47110		TCHSS4750
48	CHSS4825	CHSS4850	CHSS48110	TCHSS4835	TCHSS4850
49	CHSS4925	CHSS4950	CHSS49110		TCHSS4950
50	CHSS5025	CHSS5050	CHSS50110	TCHSS5035	TCHSS5050
51	CHSS5125	CHSS5150			TCHSS5150
52	CHSS5225	CHSS5250		TCHSS5235	TCHSS5250
53		CHSS5350			TCHSS5350
54		CHSS5450			TCHSS5450
55		CHSS5550			TCHSS5550
56		CHSS5650			TCHSS5650
57		CHSS5750			TCHSS5750
58		CHSS5850			TCHSS5850
59		CHSS5950			TCHSS5950
60		CHSS6050			TCHSS6050
61		CHSS6150			TCHSS6150
62		CHSS6250			TCHSS6250
63		CHSS6350			TCHSS6350
64		CHSS6450			TCHSS6450
65		CHSS6550			TCHSS6550
66					TCHSS6650
67					TCHSS6750
68					TCHSS6850
69					TCHSS6950
70					TCHSS7050

LARGER SIZES AVAILABLE ON REQUEST

PILOT PINS		
CODE	DESCRIPTION	SUITS
EJPIN82RE	82mm OAL 4.8 / 4.2mm Reduced Shank	CHSS1225
EJPIN77	77mm OAL 6.35mm Dia	CHSS series 25mm DOC - 13-52mm Dia
EJPIN102RE	102mm OAL 4.8 / 4.2mm Reduced Shank	CHSS1250
EJPIN102	102mm OAL 6.35mm Dia	CHSS series 50mm DOC - 13-65mm Dia
EJPIN85R	85mm OAL 4.75 / 3.6mm Reduced Shank	TCHSS Series 35mm DOC - 12-13mm Dia
EJPIN91R	91mm OAL 7.1 / 5.8mm Reduced Shank	TCHSS Series 35mm DOC - 14-15mm Dia
EJPIN91	91mm OAL 8.0mm Dia	TCHSS Series 35mm DOC - 16-52mm Dia
EJPIN100R	100mm OAL 4.75 / 3.6mm Reduced Shank	TCHSS Series 50mm DOC - 12-13mm Dia
EJPIN112-6	112mm OAL 6.35mm Dia	TCHSS Series 50mm DOC - 14-17mm Dia
EJPIN112-8	112mm OAL 8mm Dia	TCHSS Series 50mm DOC - 18-70mm Dia
EJPIN150	150mm OAL 6.35mm Dia	CHSS Series 110mm DOC - 19-50mm Dia
EJPIN203	203mm OAL 8.0/6.35/5.3mm Reduced	All Series 50mm DOC with 100mm Arbor Extension

COUNTERSINKS		
Dia mm	DESCRIPTION	CODE
25mm	90 degree Weldon Shank	CCHSS9025
40mm	90 degree Weldon Shank	CCHSS9040

MAXbor® by Sterling

Maxbor Annular Cutter Sets

ANNULAR CUTTER SETS

MADE IN ENGLAND • MADE IN ENGLAND • MADE IN ENGLAND

LASTS 2X LONGER!*

8 piece set available in 25mm and 50mm cutting depth

12,14, 16, 18, 22, 26mm Annular Cutters plus Reduced Head and Standard Ejection Pins

Code: CHSSSET25-8 – 25mm cutter depth
Code: CHSSSET50-8 – 50mm cutter depth

** Maxbor Annular cutters last 2X longer than standard HSS cutters.*

MAXBOR MACHINE TAPPING

DID YOU KNOW?

In the Maxbor magnetic based drill range, there are two models ideally suited to machine tapping, without the need for expensive reversible clutch type tapping attachments.

Both the MB32FRV and MB70 models are industrial rated machines with forward , reverse and variable speed, making them ideally suited to machine tapping applications.

See page 19 for tapping chucks and accessories,
*and visit **www.maxbor.com.au** for more information.*

Alpha have a complete range of premium quality European made machine taps, perfectly suited for these tapping applications.

*Ask for an Alpha catalogue, or visit **www.alphagold.com.au** for more information.*

Maxbor Recommended Cutting Speeds

HSS ANNULAR CUTTERS

CUTTER DIAMETER > mm	HIGH TENSILE STEEL > RPM	MILD STEEL > RPM
12	239	637
14	205	546
16	179	477
18	159	424
20	143	382
22	130	347
24	119	318
26	110	294
28	102	273
30	95	255
32	90	239
34	84	225
36	80	212
38	75	201
40	72	191
42	68	182
44	65	174
46	62	166
48	60	159
50	57	153
52	55	147
54	53	141
56	51	136
58	49	132
60	48	127
62	46	123
64	45	119
66	43	116
68	42	112
70	41	109
72	40	106
74	39	103

CUTTER DIAMETER > mm	HIGH TENSILE STEEL > RPM	MILD STEEL > RPM
76	38	101
78	37	98
80	36	95
82	35	93
84	34	91
86	33	89
88	33	87
90	32	85
92	31	83
94	30	81
96	30	80
98	29	78
100	29	76

PERIPHERAL SPEED
> MILD STEEL: 24m/min - 80ft/min
> HIGH TENSILE STEEL: 9m/min - 30ft/min

TCT ANNULAR CUTTERS

CUTTER DIAMETER > mm	MILD STEEL > RPM	STAINLESS STEEL > RPM
14 - 16mm	1000 - 600	800 - 550
17 - 20mm	800 - 480	640 - 400
21 - 24mm	670 - 400	530 - 330
25 - 30mm	540 - 320	420 - 270
31 - 35mm	460 - 280	370 - 230
36 - 40mm	400 - 240	320 - 200
41 - 45mm	360 - 220	290 - 180
46 - 50mm	320 - 190	260 - 160
51 - 60mm	290 - 160	230 - 130
61- 70mm	250 - 140	200 - 110
71 - 80mm	210 - 120	170 - 100
81 - 90mm	190 - 105	150 - 90
91 - 100mm	170 - 95	135 - 80

USING ANNULAR CUTTERS

Insert the correct pilot pin into the pilot pin hole through the shank of the cutter.

Mount the cutter in the tool holder (arbor) of the machine ensuring the cutter is secure and correctly fitted.

Position the machine on the work piece ensuring the magnet is on a flat clean ferrous surface and the work piece is not below the minimum recommended thickness (12mm).

Use the pilot pin to align the centre of the cutter to the desired hole position.

Switch on the magnet and physically check the machine is securely adhered to the work piece.

Once in position, attach the safety strap, if the magnetic adhesion fails for some reason the safety strap will reduce movement of the machine.

Apply cutting fluid either via the external coolant system, or applied directly to the cutter with a spray bottle etc. The use of cutting fluid will enhance the quality of the cut and prolong the life of the cutter. Lower the safety guard provided.

Switch on the drill motor, feed the cutter down by using the three handles provided.

Proceed with caution, apply pressure gradually until the cutter has formed a groove of approx 3mm (1/8”). Once a groove is established the pressure can be increased. DO NOT apply excessive pressure, if excessive pressure is required it is a sign the cutter may be worn, continuing to use a worn cutter will result in damage to the drill motor. If the drill motor slows significantly under load ease off the downward pressure. On deep holes it may be necessary to withdraw the cutter to remove swarf and to apply more cutting fluid. A cutter in good condition will need only moderate feed pressure and will produce continuous chips or swarf. Broken chips or swarf indicate a cutter or material problem, so care should be taken.

MAXbor® by Sterling®

Maxbor Broach Step Drills

These innovative step drills have been designed for use with Maxbor mag based drills. The unique design allows a number of popular hole sizes to be drilled with the one tool. These step drills offer a number of advantages over conventional drilling and cutting methods and can be used for many different industrial applications. 5 sizes are available for drilling from 8 to 48mm holes.

For use in:

- General Engineering and Metal Fabrication
- Truck and Trailer manufacturing
- Ship Building and Offshore Rigs
- Bridge and Highway maintenance
- Construction and Railways
- Elevator Repair

Maximum material thickness for all sizes – 12mm

BROACH STEP DRILL SIZES

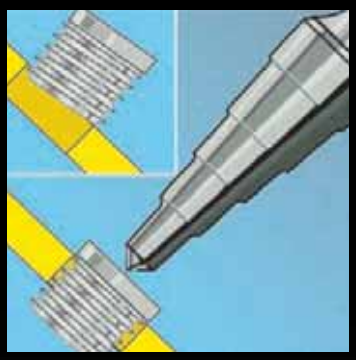
CODE	STYLE	1ST STEP Ø	2ND STEP Ø	3RD STEP Ø	4TH STEP Ø	5TH STEP Ø	MAX MATERIAL THICKNESS	**MULTI-FIT SHANK Ø**	NO. OF FLUTES
MPSD0816	STARTER	8	10	12	14	16	12mm	3/4”	2
MPSD1018	STARTER	10	12	14	16	18	12mm	3/4”	2
MPSD2028	STARTER	20	22	24	26	28	12mm	3/4”	2
MPSD3038	FOLLOW ON*	30	32	34	36	38	12mm	3/4”	3
CODE	STARTER/ FOLLOW ON	1ST STEP	2ND STEP	3RD STEP	4TH STEP	5TH STEP	MAX MATERIAL THICKNESS	**WELDON SHANK Ø**	NO. OF FLUTES
MPSD4048	FOLLOW ON*	40	42	44	46	48	12mm	3/4”	3

* Follow on Step Drills are used for enlarging holes only.

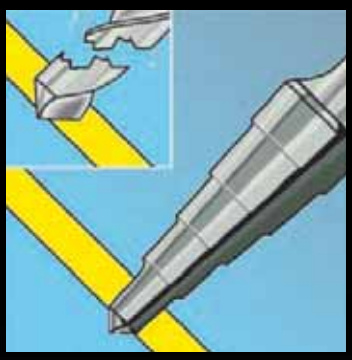
MAXbor® by Sterling®

www.maxbor.com.au

ADVANTAGES OVER CONVENTIONAL DRILLING

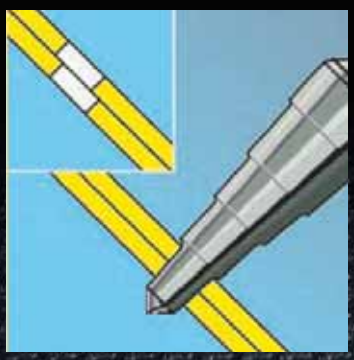


Easy to enlarge holes

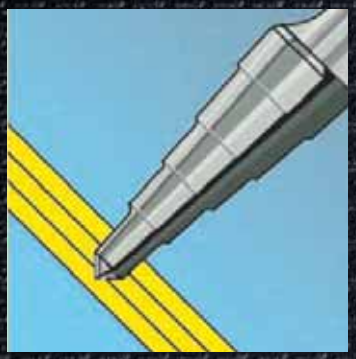


Increased rigidity

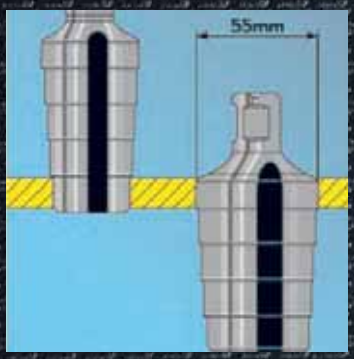
3 or 5 drill sizes on 1 tool



Rectify out of line holes



Drill through several stacked plates



Increased maximum diameter capability of drilling machine

These innovative step drills have been designed for use with Maxbor mag based drills.

MAXbor by Sterling

Maxbor Lubricants

MADE IN ENGLAND • MADE IN ENGLAND • MADE IN ENGLAND

SUPERCUT 1000

High Oil Content Modern Water-Mix Coolant

Supercut 1000 is water emulsive and forms a stable rich, milky white non staining emulsion of low odour and good corrosion resistance.

Suitable for a wide variety of applications including turning, drilling, milling, boring and shaping. Causes no irritation to the skin. No smoke development and no coagulation.

Recommended Concentration:
– General Machining 5% Typical
– Ferrous Grinding 4% typical

Code: SBL005 – 5 ltr
Code: SBL010 – 10 ltr
Code: SBL020 – 20 ltr

MCT LIQUID

Extreme pressure metal cutting fluid for all slow speed machining including reaming, tapping, threading, drilling, broaching and sawing applications.

Improves tool life and surface finish and permits faster material removal. Excellent for blind hole applications and for use with die boxes.

Apply directly to drills, taps, reaming and other stationary cutting tools.

Code: MCL500 – 500ml
Code: MCL005 – 5 ltr

www.alphagold.com.au • www.maxbor.com.au

Maxbor Merchandisers

www.maxbor.com.au

MAXBOR FLOOR DISPLAY

Maxbor Small Floor Display

Attractive and compact floor display for Maxbor drills and cutters. Contents and layout can be customised to individual requirements.

Code: SMMAXB01
Size: 1460H x 700W x 500D

MAXBOR HSS ANNULAR CUTTER MERCHANDISER

Standard HSS Annular Cutters

Contains a comprehensive range of HSS annular cutters from 12 – 32mm in 25 and 50mm cutting depths, and a range of Maxbor broach step drills.

Attractive and compact display with rear storage compartment for cutter tubes.

Lockable clear front cover.
Code: BDMERCH
Size: 500H x 300W x 280D

Large HSS Annular Cutters

Contains a comprehensive range of HSS annular cutters from 34 to 52mm in 25 and 50mm cutting depth.

Attractive and compact display with rear storage compartment for cutter tubes.

Lockable clear front cover.
Code: BDMERCHLG
Size: 500H x 300W x 280D

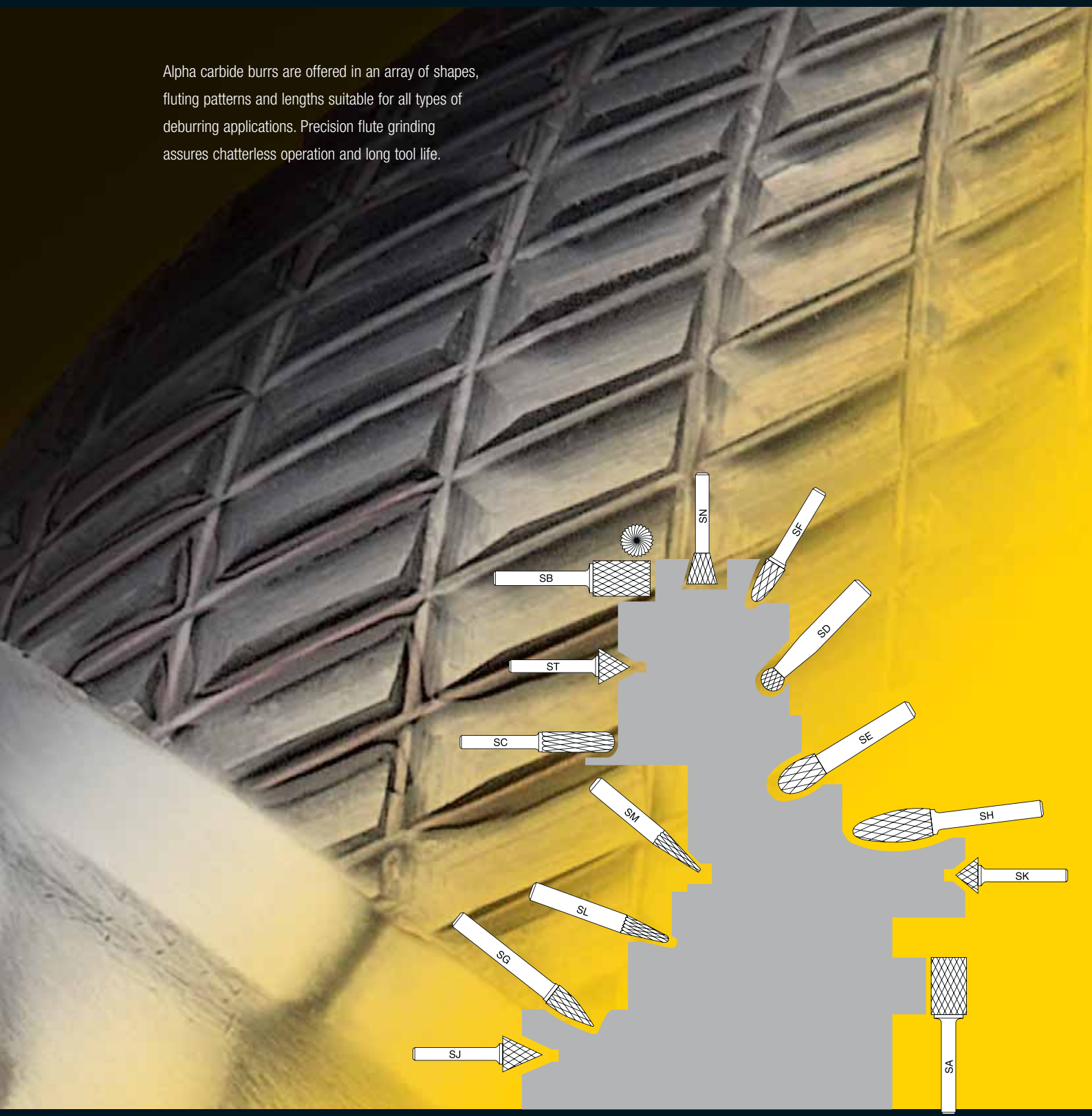
Call our sales team today for display contents and to discuss these display options further.

THEY'VE GOT

alpha™

CARBIDE BURRS

Alpha carbide burrs are offered in an array of shapes, fluting patterns and lengths suitable for all types of deburring applications. Precision flute grinding assures chatterless operation and long tool life.



THE EDGE

alpha™

PAGE

178 **CYLINDRICAL**

180 **CYLINDRICAL END CUT**

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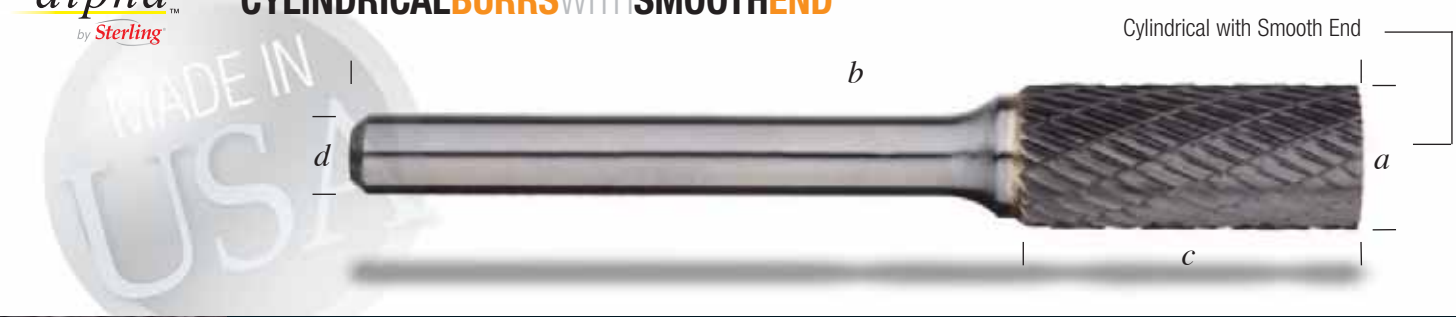
CYLINDRICAL BURRS WITH SMOOTH END



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	CYLINDRICAL 1/8"					
1/16	SA-41DC	1-1/2	1/4	1/8	SA-41	1
3/32	SA-42DC	1-1/2	7/16	1/8	SA-42	1
1/8	SA-43DC	1-1/2	9/16	1/8	SA-43	1
5/32	SA-52DC	1-1/2	1/2	1/8	SA-52	1
3/16	SA-53DC	1-1/2	1/2	1/8	SA-53	1
1/4	SA-51DC	2	1/2	1/8	SA-51	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	CYLINDRICAL 1/4"					
1/8	SA-11DC	2	1/2	1/4	SA-11	1
3/16	SA-14DC	2	5/8	1/4	SA-14	1
1/4	SA-1DC	2	5/8	1/4	SA-1	1
5/16	SA-2DC	2-3/4	3/4	1/4	SA-2	1
3/8	SA-3DC	2-3/4	3/4	1/4	SA-3	1
7/16	SA-4DC	3	1	1/4	SA-4	1
1/2	SA-5DC	3	1	1/4	SA-5	1
5/8	SA-6DC	3	1	1/4	SA-6	1
3/4	SA-7DC	3	1	1/4	SA-7	1
1	SA-9DC	3	1	1/4	SA-9	1

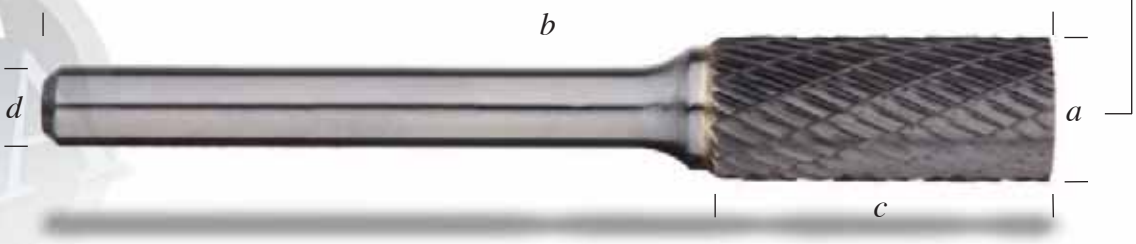
Long Series Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	6" LONG SERIES CYLINDRICAL 1/4"					
1/4	SA-1L6	6-1/2	5/8	1/4	SA-1	1
3/8	SA-3L6	6-3/4	3/4	1/4	SA-3	1
1/2	SA-5L6	7	1	1/4	SA-5	1

Aluminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	ALUMINIUM CUT CYLINDRICAL 1/4"					
1/4	SA-1AL	2	1/4	1/4	SA-1	1
3/8	SA-3AL	2-3/4	3/4	1/4	SA-3	1
1/2	SA-5AL	3	1	1/4	SA-5	1
5/8	SA-6AL	3	1	1/4	SA-6	1
3/4	SA-7AL	3	1	1/4	SA-7	1

CYLINDRICAL BURRS WITH SMOOTH END



measure standard
METRIC

style
DOUBLE CUT

material
TUNGSTEN CARBIDE

alpha

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	CYLINDRICAL 3mm					
1.5	SA-41MDC	38	6	3	SA-41	1
3	SA-43MDC	38	14	3	SA-43	1
6.3	SA-51MDC	50	12.7	3	SA-51	1

Metric

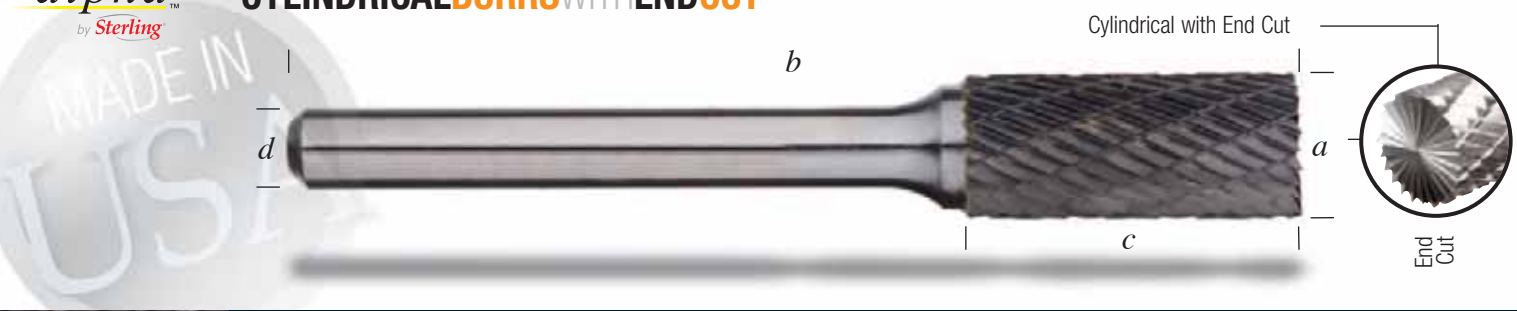
Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	CYLINDRICAL 6mm					
4.7	SA-14MDC	50	16	6	SA-14	1
6	SA-1MDC	50	16	6	SA-1	1
8	SA-2MDC	63	19	6	SA-2	1
9.5	SA-3MDC	63	19	6	SA-3	1
12.7	SA-5MDC	68	25	6	SA-5	1
16	SA-6MDC	68	25	6	SA-6	1
25.4	SA-9MDC	68	25	6	SA-9	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	ALUMINIUM CUT CYLINDRICAL 6mm					
6	SA-1MAL	50	19	6	SA-1	1
9.5	SA-3MAL	63	19	6	SA-3	1
12.7	SA-5MAL	68	25	6	SA-5	1

Aluminium
Metric

CYLINDRICAL BURRS WITH END CUT



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	CYLINDRICAL WITH END CUT 1/4"					
1/8	SB-11DC	2	1/2	1/4	SB-11	1
3/16	SB-14DC	2	5/8	1/4	SB-14	1
1/4	SB-1DC	2	5/8	1/4	SB-1	1
5/16	SB-2DC	2-3/4	3/4	1/4	SB-2	1
3/8	SB-3DC	2-3/4	3/4	1/4	SB-3	1
7/16	SB-4DC	3	1	1/4	SB-4	1
1/2	SB-5DC	3	1	1/4	SB-5	1
5/8	SB-6DC	3	1	1/4	SB-6	1
3/4	SB-7DC	3	1	1/4	SB-7	1

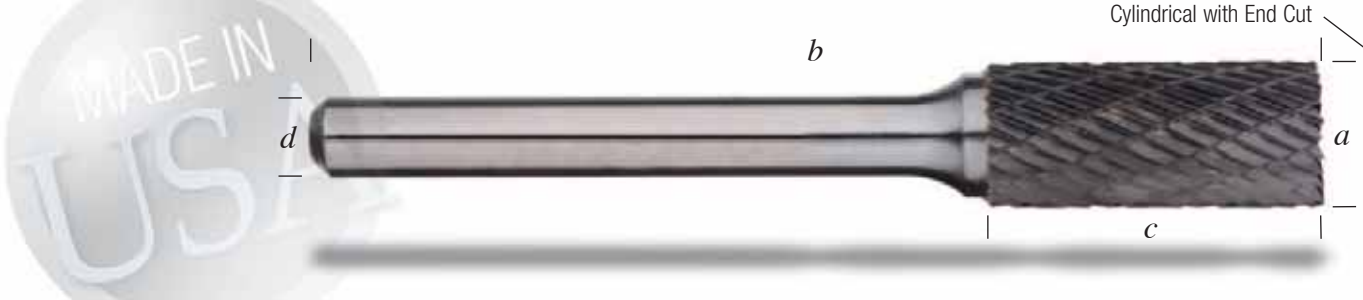
Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	CYLINDRICAL WITH END CUT 1/8"					
1/4	SB-51DC	2	1/2	1/8	SB-51	1

Aluminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	ALUMINIUM CUT CYLINDRICAL WITH END CUT 1/4"					
5/8	SB-5AL	3	1	1/4	SB-5	1
3/8	SB-3AL	2	3/4	1/4	SB-3	1

CYLINDRICAL BURRS WITH END CUT



measure standard
METRIC

style
DOUBLE CUT

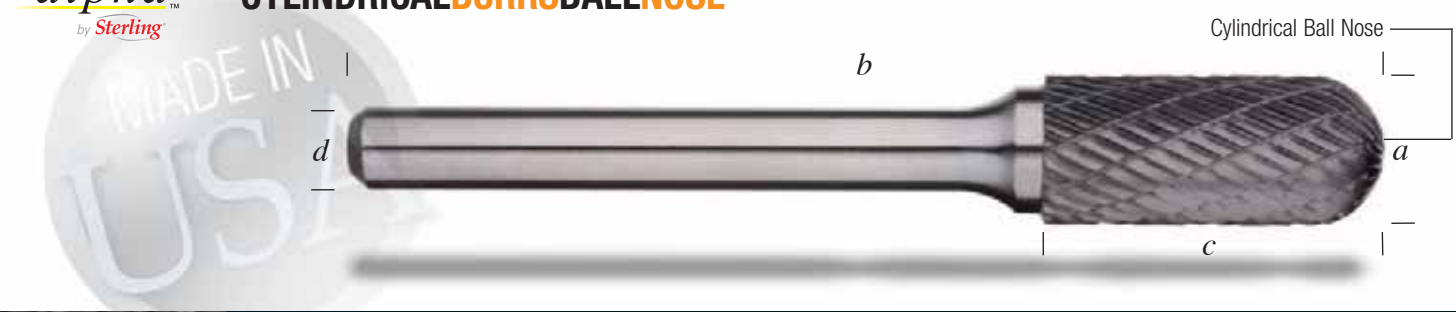
material
TUNGSTEN CARBIDE

alpha™

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	CYLINDRICAL WITH END CUT 6mm					
4.7	**SB-14MDC**	50	16	6	SB-14	1
6	**SB-1MDC**	50	16	6	SB-1	1
8	**SB-2MDC**	63	20	6	SB-2	1
9.5	**SB-3MDC**	63	19	6	SB-3	1
11	**SB-4MDC**	68	25	6	SB-4	1
12.7	**SB-5MDC**	68	25	6	SB-5	1
16	**SB-6MDC**	68	25	6	SB-6	1
19	**SB-7MDC**	68	25	6	SB-7	1

Metric

CYLINDRICAL BURRS BALL NOSE



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	CYLINDRICAL BALL NOSE 1/8"					
3/32	SC-41DC	1-1/2	7/16	1/8	SC-41	1
1/8	SC-42DC	1-1/2	9/16	1/8	SC-42	1
5/32	SC-52DC	1-1/2	1/2	1/8	SC-52	1
3/16	SC-53DC	1-1/2	1/2	1/8	SC-53	1
1/4	SC-51DC	2	3/16	1/8	SC-51	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	CYLINDRICAL BALL NOSE 1/4"					
1/8	SC-11DC	2	1/2	1/4	SC-11	1
3/16	SC-14DC	2	5/8	1/4	SC-14	1
1/4	SC-1DC	2	3/4	1/4	SC-1	1
5/16	SC-2DC	2-3/4	3/4	1/4	SC-2	1
3/8	SC-3DC	2-3/4	3/4	1/4	SC-3	1
7/16	SC-4DC	3	1	1/4	SC-4	1
1/2	SC-5DC	3	1	1/4	SC-5	1
5/8	SC-6DC	3	1	1/4	SC-6	1
3/4	SC-7DC	3	1	1/4	SC-7	1

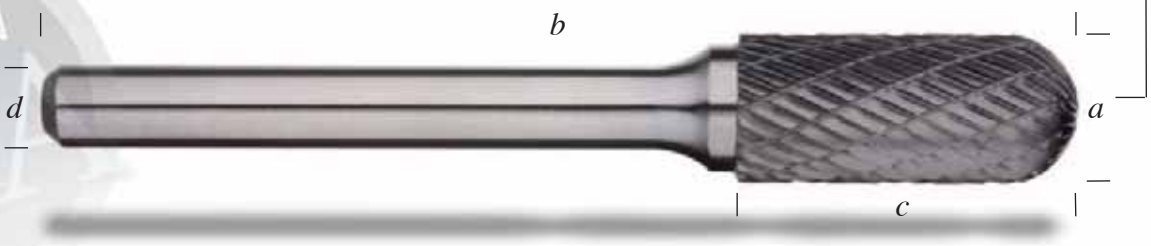
Long Series Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	6" LONG SERIES CYLINDRICAL BALL NOSE 1/4"					
1/4	SC-1L6	6-1/2	1/2	1/4	SC-1	1
3/8	SC-3L6	6-3/4	3/4	1/4	SC-3	1
1/2	SC-5L6	7	1	1/4	SC-5	1

Aluminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	ALUMINIUM CUT CYLINDRICAL BALL NOSE 1/4"					
1/4	SC-1AL	2	3/4	1/4	SC-1	1
3/8	SC-3AL	2-3/4	3/4	1/4	SC-3	1
1/2	SC-5AL	3	1	1/4	SC-5	1
5/8	SC-6AL	3	1	1/4	SC-6	1
3/4	SC-7AL	3	1	1/4	SC-7	1

CYLINDRICALBURRSBALLNOSE



measure standard: METRIC | style: DOUBLE CUT | material: TUNGSTEN CARBIDE

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	CYLINDRICAL BALL NOSE 3mm					
2.5	SC-41MDC	38	11	3	SC-41	1
3	SC-42MDC	38	14	3	SC-42	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	CYLINDRICAL BALL NOSE 6mm					
4.7	SC-14MDC	50	16	6	SC-14	1
6	SC-1MDC	50	16	6	SC-1	1
8	SC-2MDC	63	20	6	SC-2	1
9.5	SC-3MDC	63	19	6	SC-3	1
11	SC-4MDC	68	25	6	SC-4	1
12.7	SC-5MDC	68	25	6	SC-5	1
12.7	SC-5MDCL50	75	25	6	SC-5	1
16	SC-6MDC	68	25	6	SC-6	1
19	SC-7MDC	68	25	6	SC-7	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	6" LONG SERIES CYLINDRICAL BALL NOSE 6mm					
6	SC-1ML6	163	12.7	6	SC-1	1
9.5	SC-3ML6	171	19	6	SC-3	1
12.7	SC-5ML6	177	25	6	SC-5	1

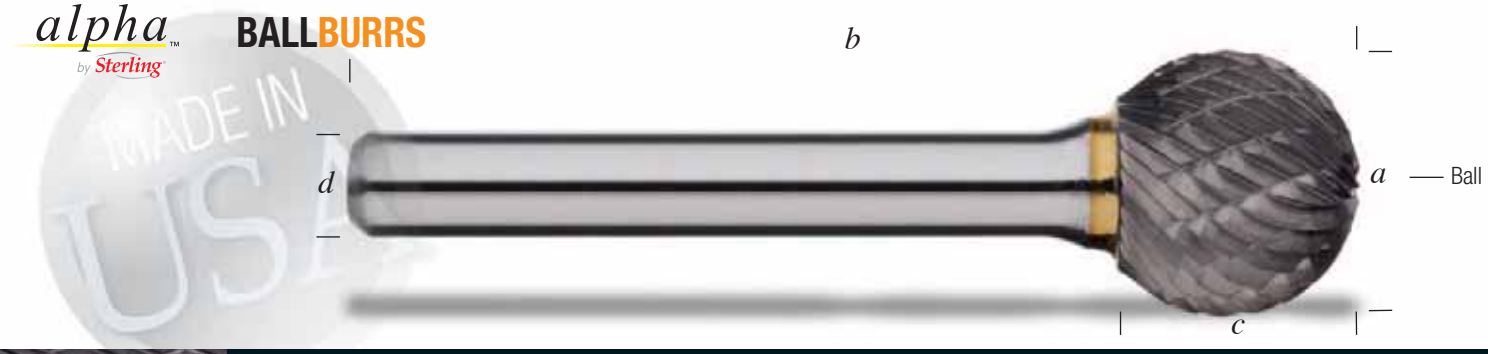
Long Series
Metric

Head Dia. mm	Code	OAL mm	FL mm	Shank Dia. mm	Style	Pack qty
	ALUMINIUM CUT CYLINDRICAL BALL NOSE 6mm					
6	SC-1MAL	50	19	6	SC-1	1
9.5	SC-3MAL	63	19	6	SC-3	1
12.7	SC-5MAL	68	25	6	SC-5	1

Aluminium
Metric

alpha by Sterling

BALLBURRS



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	BALL 1/8"					
3/32	SD-41DC	1-1/2	1/16	1/8	SD-41	1
1/8	SD-42DC	1-1/2	3/32	1/8	SD-42	1
3/16	SD-53DC	1-1/2	1/8	1/8	SD-53	1
1/4	SD-51DC	1-11/16	7/32	1/8	SD-51	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	BALL 1/4"					
1/8	SD-11DC	2	3/32	1/4	SD-11	1
3/16	SD-14DC	2	5/32	1/4	SD-14	1
1/4	SD-1DC	2	7/32	1/4	SD-1	1
5/16	SD-2DC	2-1/4	1/4	1/4	SD-2	1
3/8	SD-3DC	2-5/16	5/16	1/4	SD-3	1
7/16	SD-4DC	2-3/8	3/8	1/4	SD-4	1
1/2	SD-5DC	2-7/16	7/16	1/4	SD-5	1
5/8	SD-6DC	2-9/16	9/16	1/4	SD-6	1
3/4	SD-7DC	2-11/16	11/16	1/4	SD-7	1
1	SD-9DC	2-15/16	15/16	1/4	SD-9	1

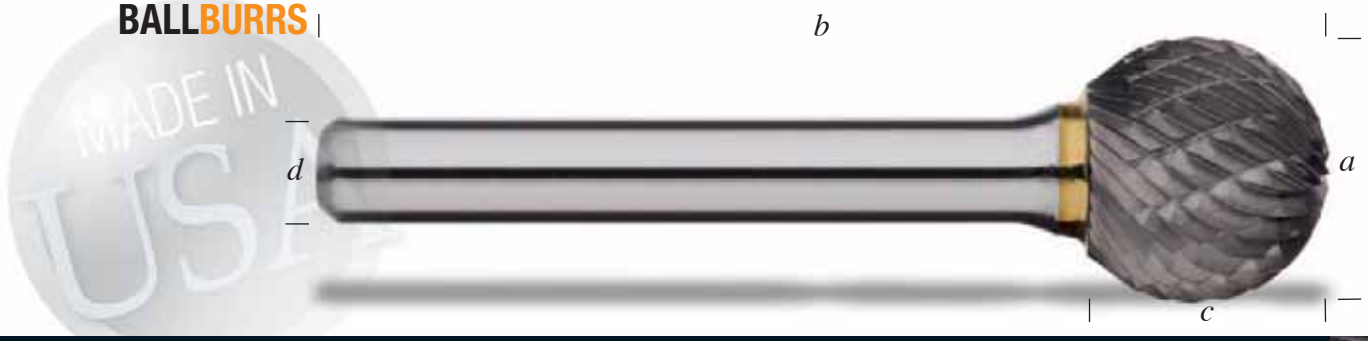
Long Series Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	6" LONG SERIES BALL 1/4"					
1/4	SD-1L6	6-1/8	7/32	1/4	SD-1	1
3/8	SD-3L6	6-1/4	5/16	1/4	SD-3	1
1/2	SD-5L6	6-3/8	7/16	1/4	SD-5	1

Aluminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	ALUMINIUM CUT BALL 1/4"					
1/4	SD-1AL	2	7/32	1/4	SD-1	1
3/8	SD-3AL	2-5/16	5/16	1/4	SD-3	1
1/2	SD-5AL	2-7/16	7/16	1/4	SD-5	1
5/8	SD-6AL	2-9/16	9/16	1/4	SD-6	1

alpha by Sterling



measure standard METRIC | style DOUBLE CUT | material TUNGSTEN CARBIDE | alpha

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	BALL 3mm					
3	SD-42MDC	38	2	3	SD-42	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	BALL 6mm					
3	SD-11MDC	50	2	6	SD-11	1
6	SD-1MDC	50	5	6	SD-1	1
8	SD-2MDC	50	7	6	SD-2	1
9.5	SD-3MDC	52	8	6	SD-3	1
12.7	SD-5MDC	54	11	6	SD-5	1
16	SD-6MDC	58	14	6	SD-6	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	150mm LONG SERIES BALL 6mm					
9.5	SD-3ML6	161	8	6	SD-3	1
12.7	SD-5ML6	164	11	6	SD-5	1

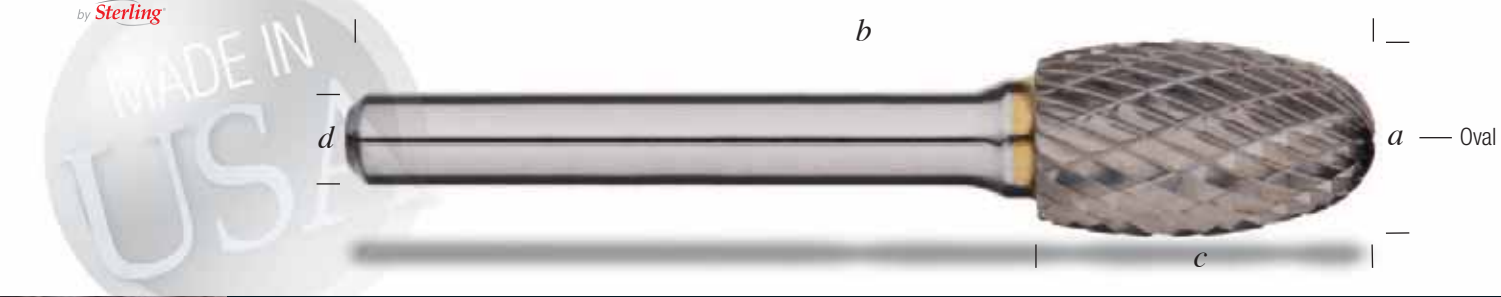
Long Series Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	ALUMINIUM CUT BALL 6mm					
9.5	SD-3MAL	52	8	6	SD-2	1
12.7	SD-5MAL	54	11	6	SD-5	1

Aluminium Metric

alpha by Sterling

OVALBURRS



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	OVAL 1/8”					
1/8	SE-41DC	1-1/2	7/32	1/8	SE-41	1
3/16	SE-53DC	1-1/2	9/32	1/8	SE-53	1
1/4	SE-51DC	1-7/8	3/8	1/8	SE-51	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	OVAL 1/4”					
1/4	SE-1DC	2	3/8	1/4	SE-1	1
3/8	SE-3DC	2-5/8	5/8	1/4	SE-3	1
1/2	SE-5DC	2-7/8	7/8	1/4	SE-5	1
5/8	SE-6DC	3	1	1/4	SE-6	1
3/4	SE-7DC	3	1	1/4	SE-7	1

Long Series Imperial

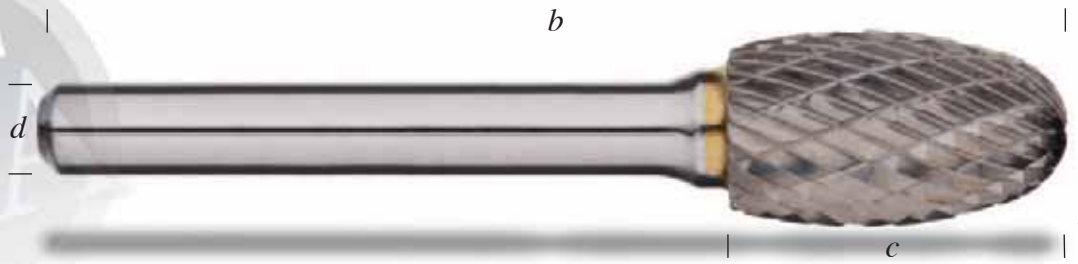
Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	4” LONG SERIES OVAL 1/4”					
1/4	SE-1L4	4-3/8	3/8	1/4	SE-1	1

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	6” LONG SERIES OVAL 1/4”					
3/8	SE-3L6	6-5/8	5/8	1/4	SE-3	1
1/2	SE-5L6	6-7/8	7/8	1/4	SE-5	1

Aluminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	ALUMINIUM CUT OVAL 1/4”					
3/8	SE-3AL	2-5/8	5/8	1/4	SE-3	1
1/2	SE-5AL	2-7/8	7/8	1/4	SE-5	1
5/8	SE-6AL	3	1	1/4	SE-6	1

OVALBURRS



measure standard: METRIC | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	OVAL 3mm					
6.3	SE-51MDC	47	9.5	3	SE-51	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	OVAL 6mm					
6	SE-1MDC	50	10	6	SE-1	1
9.5	SE-3MDC	60	16	6	SE-3	1
12.7	SE-5MDC	66	22	6	SE-5	1

Metric

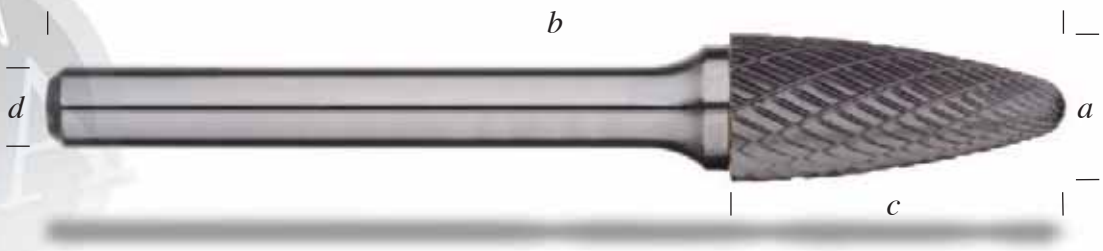
Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	100mm LONG SERIES OVAL 6mm					
6.3	SE-1ML4	111	10	6	SE-1	1
12.7	SE-5ML6	177	22	6	SE-5	1

Long Series Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	ALUMINIUM CUT OVAL 6mm					
9.5	SE-3MAL	60	16	6	SE-3	1
12.7	SE-5MAL	66	22	6	SE-5	1

Aluminium Metric

TREERADIUSNOSEBURRS



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	TREE RADIUS NOSE 1/8”					
1/8	SF-41DC	1-1/2	1/4	1/8	SF-41	1
1/8	SF-42DC	1-1/2	1/2	1/8	SF-42	1
3/16	SF-53DC	1-1/2	1/2	1/8	SF-53	1
1/4	SF-51DC	2	1/2	1/8	SF-51	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	TREE RADIUS NOSE 1/4”					
1/4	SF-1DC	2	3/4	1/4	SF-1	1
3/8	SF-3DC	2-3/4	3/4	1/4	SF-3	1
7/16	SF-4DC	3	1	1/4	SF-4	1
1/2	SF-5DC	3	1	1/4	SF-5	1
1/2	SF-13DC	2-3/4	3/4	1/4	SF-13	1
5/8	SF-6DC	3	1	1/4	SF-6	1
3/4	SF-14DC	3-1/4	1-1/4	1/4	SF-14	1
3/4	SF-7DC	3	1	1/4	SF-7	1
3/4	SF-15DC	3-1/2	1-1/2	1/4	SF-15	1

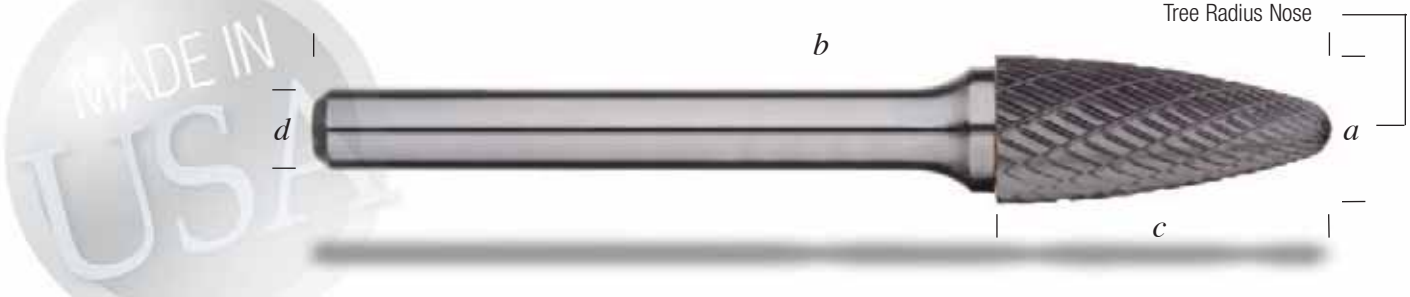
Long Series Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	6” LONG SERIES TREE RADIUS NOSE 1/4”					
1/4	SF-1L6	6-1/2	1/2	1/4	SF-1	1
3/8	SF-3L6	6-3/4	3/4	1/4	SF-3	1
1/2	SF-5L6	7	1	1/4	SF-5	1

Aliuminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	ALUMINIUM CUT TREE RADIUS NOSE 1/4”					
1/4	SF-1AL	2	3/4	1/4	SF-1	1
3/8	SF-3AL	2-3/4	3/4	1/4	SF-3	1
1/2	SF-5AL	3	1	1/4	SF-5	1
5/8	SF-6AL	3	1	1/4	SF-6	1

TREERADIUSNOSEBURRS



measure standard: METRIC | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	TREE RADIUS NOSE 3mm					
6.3	SF-51MDC	50	13	3	SF-51	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	TREE RADIUS NOSE 6mm					
6	SF-1MDC	50	19	6	SF-1	1
9.5	SF-3MDC	63	19	6	SF-3	1
12.7	SF-5MDC	68	25	6	SF-5	1
12.7	SF-5MDCL50	75	25	6	SF-5	1
16	SF-6MDC	68	25	6	SF-6	1
19	SF-7MDC	68	25	6	SF-7	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	150mm LONG SERIES TREE RADIUS NOSE 6mm					
6	SF-1ML6	163	13	6	SF-1	1
9.5	SF-3ML6	171	19	6	SF-3	1
12.7	SF-5ML6	177	25	6	SF-5	1

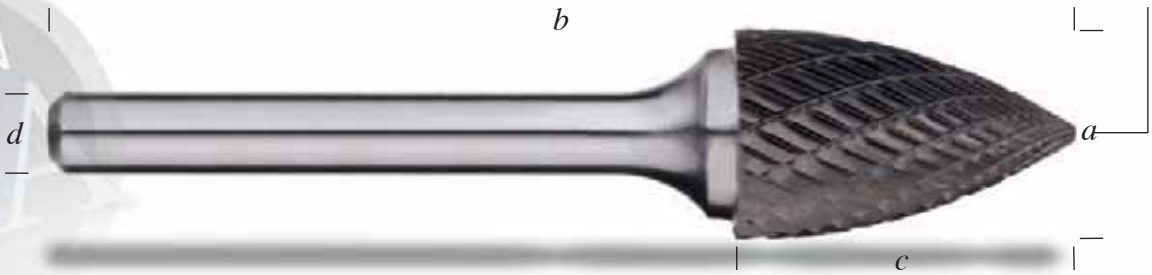
Long Series Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	ALUMINIUM CUT TREE RADIUS NOSE 6mm					
6	SF-1MAL	50	19	6	SF-1	1
9.5	SF-3MAL	63	19	6	SF-3	1

Aluminium Metric

TREEPOINTEDNOSEBURRS

Tree Pointed Nose



measure standard: METRIC / IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	TREE POINTED NOSE 1/8”					
1/8	SG-41DC	1-1/2	1/4	1/8	SG-41	1
1/8	SG-42DC	1-1/2	5/16	1/8	SG-42	1
1/8	SG-43DC	1-1/2	3/8	1/8	SG-43	1
1/8	SG-44DC	1-1/2	1/2	1/8	SG-44	1
3/16	SG-53DC	1-1/2	1/2	1/8	SG-53	1
1/4	SG-51DC	2	1/2	1/8	SG-51	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	TREE POINTED NOSE 1/4”					
1/4	SG-1DC	2	3/4	1/4	SG-1	1
5/16	SG-2DC	2-3/4	3/4	1/4	SG-2	1
3/8	SG-3DC	2-3/4	3/4	1/4	SG-3	1
1/2	SG-13DC	2-3/4	3/4	1/4	SG-13	1
1/2	SG-5DC	3	1	1/4	SG-5	1
5/8	SG-6DC	3	1	1/4	SG-6	1
3/4	SG-7DC	3	1	1/4	SG-7	1

Metric

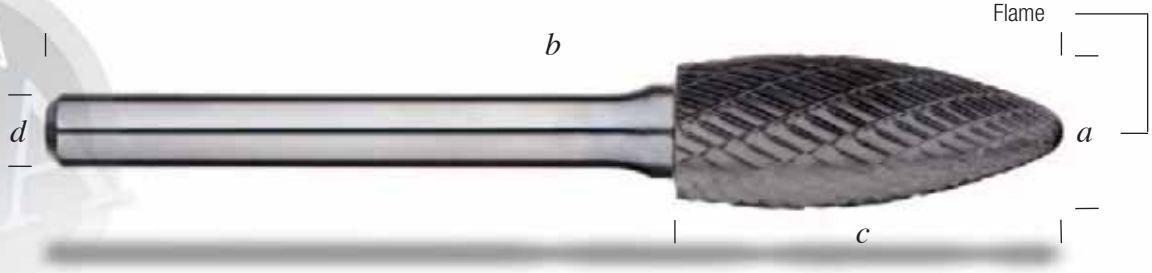
Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	TREE POINTED NOSE 3mm					
6.3	SG-51MDC	50	13	3	SG-51	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	TREE POINTED NOSE 6mm					
6	SG-1MDC	50	19	6	SG-1	1
8	SG-2MDC	63	19	6	SG-2	1
9.5	SG-3MDC	63	19	6	SG-3	1
12.7	SG-5MDC	68	25	6	SG-5	1

BURR COUNTER MERCHANDISER SEE PAGE 200 FOR FULL LISTING

FLAMEBURRS



measure standard
METRIC / IMPERIAL

style
DOUBLE CUT

material
TUNGSTEN CARBIDE

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	FLAME 1/8”					
1/8	SH-41DC	1-1/2	1/4	1/8	SH-41	1
3/16	SH-53DC	1-1/2	3/8	1/8	SH-53	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Pack qty
	FLAME 1/4”					
5/16	SH-2DC	2-3/4	3/4	1/4	SH-2	1
1/2	SH-5DC	3-1/4	1-1/4	1/4	SH-5	1
5/8	SH-6DC	3-7/16	1-7/16	1/4	SH-6	1
3/4	SH-7DC	3-5/8	1-5/8	1/4	SH-7	1

Imperial

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	FLAME 6mm					
8	SH-2MDC	63	19	6	SH-2	1
12.7	SH-5MDC	75	31	6	SH-5	1
16	SH-6MDC	79	36	6	SH-6	1
19	SH-7MDC	84	41	6	SH-7	1

Metric

Long Series

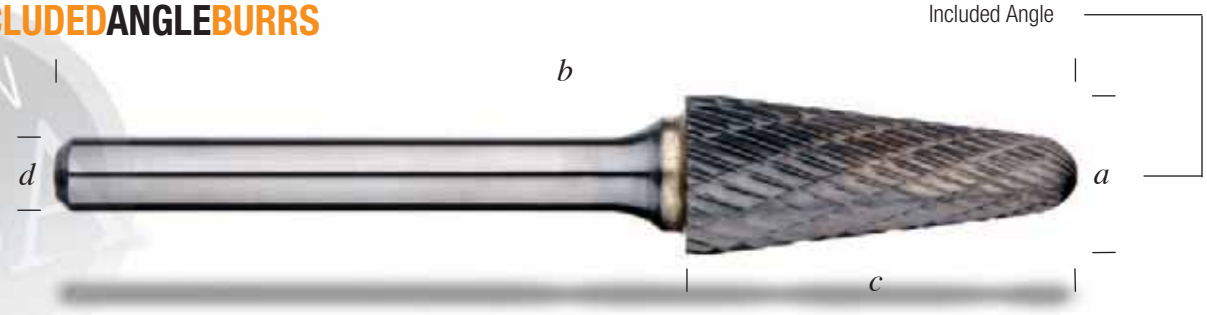
Aluminium

Did you know?

APLHA STOCK 6” LONG SERIES BURRS & ALUMINIUM CUT BURRS IN A LARGE RANGE OF SHAPES AND SIZES.

PLEASE REFER TO THE BLUE AND GREY HEADINGS ON THESE BURR PAGES.

INCLUDEDANGLEBURRS



measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	INCLUDED ANGLE 1/8”						
1/8	SL-41DC	1-1/2	3/8	1/8	SL-41	10°	1
1/8	SL-42DC	1-1/2	1/2	1/8	SL-42	8°	1
3/16	SL-53DC	1-1/2	1/2	1/8	SL-53	14°	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	INCLUDED ANGLE 1/4”						
1/4	SL-1DC	2	5/8	1/4	SL-1	14°	1
5/16	SL-2DC	2-7/8	7/8	1/4	SL-2	14°	1
3/8	SL-3DC	3-1/16	1-1/16	1/4	SL-3	14°	1
1/2	SL-4DC	3-1/8	1-1/8	1/4	SL-4	14°	1
5/8	SL-6DC	3-5/16	1-5/16	1/4	SL-6	14°	1
3/4	SL-7DC	3-1/2	1-1/2	1/4	SL-7	14°	1

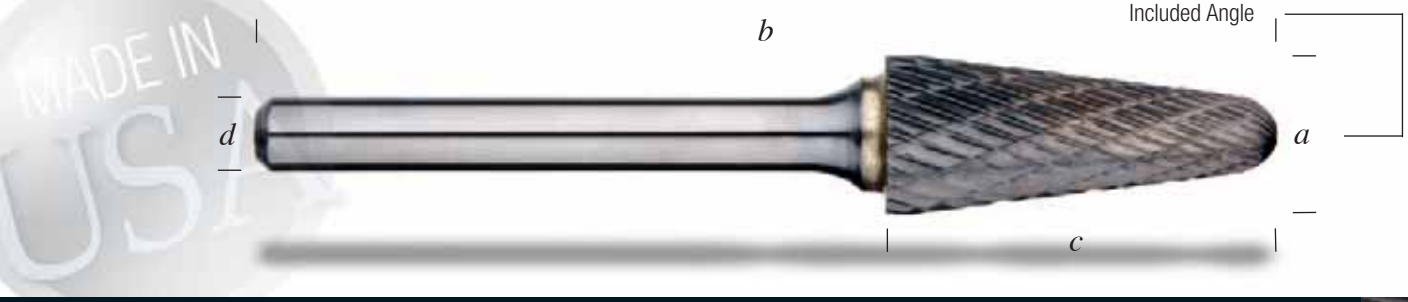
Long Series Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	6” LONG SERIES INCLUDED ANGLE 1/4”						
1/4	SL-1L6	6-5/8	5/8	1/4	SL-1	14°	1
3/8	SL-3L6	7	1-1/16	1/4	SL-3	14°	1
1/2	SL-4L6	7-1/8	1-1/8	1/4	SL-4	14°	1

Aluminium Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	ALUMINIUM CUT INCLUDED ANGLE 1/4”						
3/8	SL-3AL	3-1/16	1-1/16	1/4	SL-3	14°	1
1/2	SL-4AL	3-1/8	1-1/8	1/4	SL-4	14°	1
5/8	SL-6AL	3-5/16	1-5/16	1/4	SL-6	14°	1

INCLUDEDANGLEBURRS



measure standard: METRIC | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	INCLUDED ANGLE 6mm					
6	SL-1MDC	50	16	6	SL-1	1
8	SL-2MDC	66	22	6	SL-2	1
9.5	SL-3MDC	71	27	6	SL-3	1
12.7	SL-4MDC	72	28	6	SL-4	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Pack qty
	ALUMINIUM CUT INCLUDED ANGLE 6mm					
12.7	SL-4MAL	72	28	6	SL-4	1

Aluminium Metric

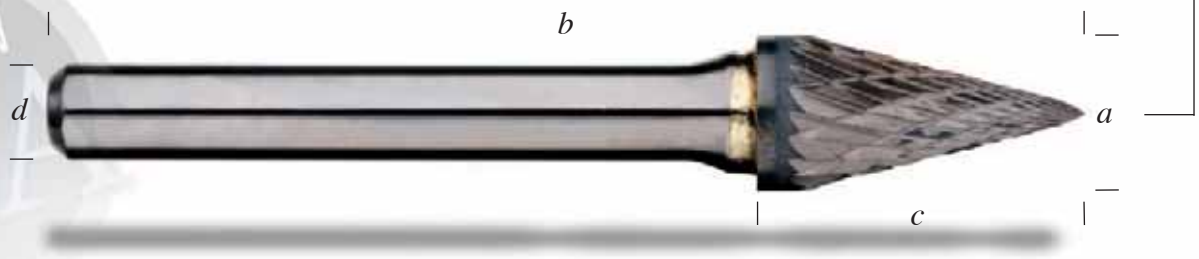
measure standard: IMPERIAL | style: SINGLE CUT | material: TUNGSTEN CARBIDE | alpha

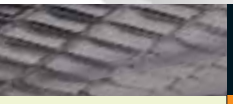
Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	90° CONE SHAPE DOUBLE ENDED 1/4"						
1/4	SK-1SC	2	1/8	1/4	SK-1	90°	1

measure standard: IMPERIAL | style: SINGLE CUT | material: TUNGSTEN CARBIDE | alpha

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	90° CONE SHAPE SINGLE ENDED 1/4"						
3/8	SK-3SC	2-5/16	3/16	1/4	SK-3	90°	1

POINTEDCONEBURRS





measure standard: IMPERIAL | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	POINTED CONE 1/8”						
1/8	SM-41DC	1-1/2	3/8	1/8	SM-41	12°	1
1/8	SM-42DC	1-1/2	7/16	1/8	SM-42	14°	1
1/8	SM-43DC	1-1/2	5/8	1/8	SM-43	7°	1
3/16	SM-53DC	1-1/2	1/2	1/8	SM-53	16°	1
1/4	SM-51DC	2	1/2	1/8	SM-51	22°	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	POINTED CONE 1/4”						
1/4	SM-1DC	2	1/2	1/4	SM-1	22°	1
1/4	SM-2DC	2	3/4	1/4	SM-2	14°	1
1/4	SM-3DC	2	1	1/4	SM-3	10°	1
3/8	SM-4DC	2-5/8	5/8	1/4	SM-4	28°	1
1/2	SM-5DC	2-7/8	7/8	1/4	SM-5	28°	1
5/8	SM-6DC	3	1	1/4	SM-6	31°	1

measure standard: METRIC | style: DOUBLE CUT | material: TUNGSTEN CARBIDE | alpha

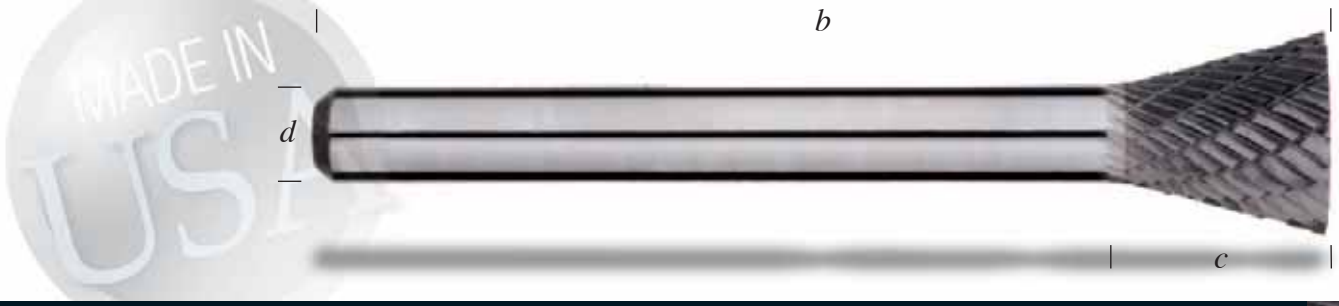
Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Angle degrees	Pack qty
	POINTED CONE 3mm						
4.7	SM-53MDC	38	12.7	3	SM-53	16°	1

Metric

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Angle degrees	Pack qty
	POINTED CONE 6mm						
6	SM-1MDC	50	12.7	6	SM-1	22°	1
6	SM-2MDC	50	18	6	SM-2	14°	1
6	SM-3MDC	50	25	6	SM-3	10°	1
9.5	SM-4MDC	60	16	6	SM-4	28°	1
12.7	SM-5MDC	66	22	6	SM-5	28°	1
16	SM-6MDC	68	25	6	SM-6	31°	1

INVERTEDTAPERBURRS



measure standard
METRIC / IMPERIAL

style
DOUBLE CUT

material
TUNGSTEN CARBIDE

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	INVERTED TAPER 1/8"						
1/8	SN-42DC	1-1/2	3/16	1/8	SN-42	10°	1
3/16	SN-53DC	1-1/2	1/4	1/8	SN-53	10°	1
1/4	SN-51DC	1-3/4	1/4	1/8	SN-51	10°	1

Imperial

Head Dia. inches (a)	Code	OAL inches (b)	FL inches (c)	Shank Dia. inches (d)	Style	Angle degrees	Pack qty
	INVERTED TAPPER 1/4"						
1/4	SN-1DC	2	5/16	1/4	SN-1	10°	1
3/8	SN-2DC	2-3/8	3/8	1/4	SN-2	13°	1
1/2	SN-3DC	2-1/2	1/2	1/4	SN-3	16°	1
1/2	SN-4DC	2-1/2	1/2	1/4	SN-4	28°	1
5/8	SN-5DC	2-5/8	5/8	1/4	SN-5	19°	1
5/8	SN-6DC	2-3/4	3/4	1/4	SN-6	18°	1

Imperial

Head Dia. mm (a)	Code	OAL mm (b)	FL mm (c)	Shank Dia. mm (d)	Style	Angle degrees	Pack qty
	INVERTED TAPPER 6mm						
6	SN-1MDC	50	8	6	SN-1	10°	1

Metric

BURRSETS

product	style	material
4 PIECE SET	DOUBLE CUT	TUNGSTEN CARBIDE

Code	Description
BURRSET7 3/8" Head Dia Double Cut	4 Pce Carbide Burr Set - 1/4" Shank • SA-3DC • SB-3DC • SC-3DC • SF-3DC

product	style	material
5 PIECE SETS	DOUBLE CUT	TUNGSTEN CARBIDE

Code	Description
BURRSET1 3/8" & 1/2" Head Dia Double Cut	5 Pce Carbide Burr Set - 1/4" Shank • SB-3DC • SC-3DC • SC-5DC • SF-3DC • SF-5DC
BURRSET5 1/2" Head Dia Aluminium Cut	5 Pce Aluminium Burr Set - 1/4" Shank • SA-5AL • SC-5AL • SD-5AL • SE-5AL • SF-5AL
BURRSET8 1/4" Head Dia Double Cut & Aluminium Cut	5 Pce Carbide Burr Set - 1/4" Shank • SB-1DC • SC-1DC • SD-1DC • SF-1DC • SC-1AL
BURRSET9 3/8" Head Dia Double Cut & Aluminium Cut	5 Pce Carbide Burr Set - 1/4" Shank • SB-3DC • SC-3DC • SD-3DC • SF-3DC • SC-3AL
BURRSET10 1/2" Head Dia Double Cut & Aluminium Cut	5 Pce Carbide Burr Set - 1/4" Shank • SB-5DC • SC-5DC • SD-5DC • SF-5DC • SC-5AL

product	style	material
8 PIECE SETS	DOUBLE CUT	TUNGSTEN CARBIDE

Code	Description	
BURRSET2 3/8" Head Dia Double Cut	8 Pce Carbide Burr Set - 1/4" Shank • SA-3DC • SC-3DC • SD-3DC • SE-3DC • SF-3DC • SG-3DC • SL-3DC • SM-4DC	
BURRSET3 1/2" Head Dia Double Cut	8 Pce Carbide Burr Set - 1/4" Shank • SA-5DC • SC-5DC • SD-5DC • SF-5DC • SG-5DC • SH-5DC • SL-4DC • SM-5DC	
BURRSET4 1/4" Head Dia Double Cut	8 Pce Carbide Burr Set - 1/4" Shank • SA-1DC • SC-1DC • SD-1DC • SE-1DC • SF-1DC • SG-1DC • SL-1DC • SM-1DC	

product	style	material
9 PIECE SET	DOUBLE CUT	TUNGSTEN CARBIDE

Code	Description	
BURRSET11 1/16", 3/32" & 1/8" Head Dia Double Cut	9 Pce Carbide Burr Set - 1/8" Shank • SA-42DC • SA-43DC • SC-41DC • SC-42DC • SD-42DC • SE-41DC • SF-41DC • SG-41DC • SM-43DC	

Special combinations available upon request

BURRCOUNTERMERCHANDISER

Inverted Taper

measure standard

COUNTER MERCHANDISER

Qty	Code	Description
	1/4" SHANK	
1	SA-1DC	1/4" Cylindrical
1	SA-2DC	5/16" Cylindrical
1	SA-3DC	3/8" Cylindrical
1	SA-5DC	1/2" Cylindrical
1	SA-6DC	5/8" Cylindrical
1	SB-1DC	1/4" Cylindrical with End Cut
1	SB-2DC	5/16" Cylindrical with End Cut
1	SB-3DC	3/8" Cylindrical with End Cut
1	SB-5DC	1/2" Cylindrical with End Cut
1	SB-6DC	5/8" Cylindrical with End Cut
1	SH-2DC	5/16" Flame
1	SH-5DC	1/2" Flame
1	SH-6DC	5/8" Flame
1	SC-1DC	1/4" Cylindrical Ball Nose
1	SC-2DC	5/16" Cylindrical Ball Nose
1	SC-3DC	3/8" Cylindrical Ball Nose
1	SC-5DC	1/2" Cylindrical Ball Nose
1	SC-6DC	5/8" Cylindrical Ball Nose
1	SE-1DC	1/4" Oval
1	SE-3DC	3/8" Oval
1	SE-5DC	1/2" Oval
1	SF-1DC	1/4" Tree Radius Nose
1	SF-3DC	3/8" Tree Radius Nose
1	SF-5DC	1/2" Tree Radius Nose
1	SF-6DC	5/8" Tree Radius Nose
1	SF-7DC	3/4" Tree Radius Nose
1	SG-1DC	1/4" Tree Pointed Nose
1	SG-2DC	5/16" Tree Pointed Nose
1	SG-3DC	3/8" Tree Pointed Nose
1	SG-5DC	1/2" Tree Pointed Nose
1	SL-1DC	1/4" Included Angle
1	SL-2DC	5/16" Included Angle
1	SL-3DC	3/8" Included Angle
1	SL-4DC	1/2" Included Angle
1	SM-1DC	1/4" Pointed Cone
1	SM-3DC	1/4" Pointed Cone
1	SM-4DC	3/8" Pointed Cone
1	SM-5DC	1/2" Pointed Cone
1	SN-1DC	1/4" Inverted Taper

Qty	Code	Description
	ALUMINIUM CUT CARBIDE BURRS	
1	SA-1AL	1/4" Cylindrical
1	SA-3AL	3/8" Cylindrical
1	SC-1AL	1/4" Cylindrical Ball Nose
1	SC-3AL	3/8" Cylindrical Ball Nose
1	SE-3AL	3/8" Oval
1	SF-1AL	1/4" Tree Radius Nose
1	SF-3AL	3/8" Tree Radius Nose

1/8" Shank merchandiser also available

THELEADI

ALPHA RANGE OF BITS

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alpha™

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240 CARDED DRIVER MERCHANDISERS

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BITSUSA

USA RANGE OF DRIVER BITS

PHILLIPS® INSERT BITS
Extra Hard USA

1/4" Universal Insert Bit
Extra Hard Material for Superior Drive Capacity

PHILLIPS® INSERT BITS
High-torque USA

1/4" Universal Insert Bit
NEW High Quality Wear-Resistant Material for High-Torque or Impact Applications

style PHILLIPS® | origin USA | alpha

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® USA INSERT BITS				
PH2	PH225SUS	25	1/4" x 25mm EXTRA HARD **USA**	6	10
PH2	PH225SAUS	25	1/4" x 25mm HIGH TORQUE **USA**	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® USA POWER BITS - EXTRA HARD				
PH2	PH250SUS	50	1/4" x 50mm EXTRA HARD Power Bit **USA**	6	10
PH2	PH270SUS	70	1/4" x 70mm EXTRA HARD Power Bit **USA**	6	10
PH2	PH2100SUS	100	1/4" x 100mm EXTRA HARD Power Bit **USA**	6	10
PH2	PH2150SUS	150	1/4" x 150mm EXTRA HARD Power Bit **USA**	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® USA POWER BITS — HIGH-TORQUE				
PH2	PH250SAUS	50	1/4" x 50mm HIGH TORQUE Power Bit **USA**	6	10
PH2	PH270SAUS	70	1/4" x 70mm HIGH TORQUE Power Bit **USA**	6	10
PH2	PH2100SAUS	100	1/4" x 100mm HIGH TORQUE Power Bit **USA**	6	10
PH2	PH2150SAUS	150	1/4" x 150mm HIGH TORQUE Power Bit **USA**	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	USA SQUARE DRIVE POWER BITS				
SQ2	SQ250SUS	50	Square SQ2 x 50mm Power Bit **USA**	6	10

These parts have no connection with the proprietors of the registered trademarks. PHILLIPS is a registered trademarks of the Phillips Screw Company.

USA RANGE OF DRIVER BITS

POZIINSERTBITS
Extra Hard USA

1/4" Universal Insert Bit
Extra Hard Material for Superior Drive Capacity

POZIPOWERBITS
Extra Hard USA

1/4" Universal Insert Bit
Extra Hard Material for Superior Drive Capacity

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZI USA INSERT BITS				
PZ2	**PZ225SUS**	25	1/4" x 25mm EXTRA HARD **USA**	6	10
PZ2	**PZ225SAUS**	25	1/4" x 25mm HIGH TORQUE **USA**	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZI USA POWER BITS				
PZ2	**PZ250SUS**	50	1/4" x 50mm EXTRA HARD Power Bit **USA**	6	10
PZ2	**PZ250SAUS**	50	1/4" x 50mm HIGH TORQUE Power Bit **USA**	6	10

The ***NEW*** **MAXDRIVE TORSION BITS** absorb stress in their specially engineered "Dual Torsion Zone" and combined with a specially formulated coating relieve pressure on the tip of the driver bit, giving greater durability and less breakage.

MAXDRIVE TORSION BITS are ideally suited to impact driving – ***and will give exceptional performance with standard usage.***

FATIGUE TEST

DURABILITY TEST

PH2 x 50mm Driver Bit Comparisons
Tested with average impact 18.6Nm, 2rpm, 100% load

MAXDRIVE TORSION BITS

High Quality Torsion Absorption Bits

MAXDRIVE TORSION DOUBLE-ENDED BITS

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High Quality Torsion Absorption Bits

style
TORSION ABSORBING

feature
ALL BITS ARE MAGNETISED

alpha

Point Size	Code	OAL mm	Description	Hex inches	Pack qty
	TORSION ABSORBING				
PH2	**PH230ST**	30	PH2 X 30mm Insert Bits	1/4"	10
PH2	**PH250ST**	50	PH2 X 50mm Power Bits	1/4"	10
PH2	**PH275ST**	75	PH2 X 75mm Power Bits	1/4"	5
PH2	**PH2100ST**	100	PH2 X 100mm Power Bits	1/4"	5
PH2	**PH2150ST**	150	PH2 X 150mm Power Bit	1/4"	1 (Card)
PH2	**PH265DT**	65	PH2+PH2 X 65mm Double Ended Bits	1/4"	5

alpha by Sterling

SIMPLY SUP

Among the millions of driver bits produced worldwide each year, **only a small percentage reach the high quality standards of *Alpha*.**

Alpha driver bits are simply superior! We only stock the **highest quality** driver bits – *Superior Head Design, Greater Magnetism* and *Optimum Hardness.*

The result? Alpha driver bits show *less wear,* have a *longer service life,* experience *less cam-out*, and provide overall improved operational and economic benefits.

Alpha's outstanding range of superior quality bits

ERIOR

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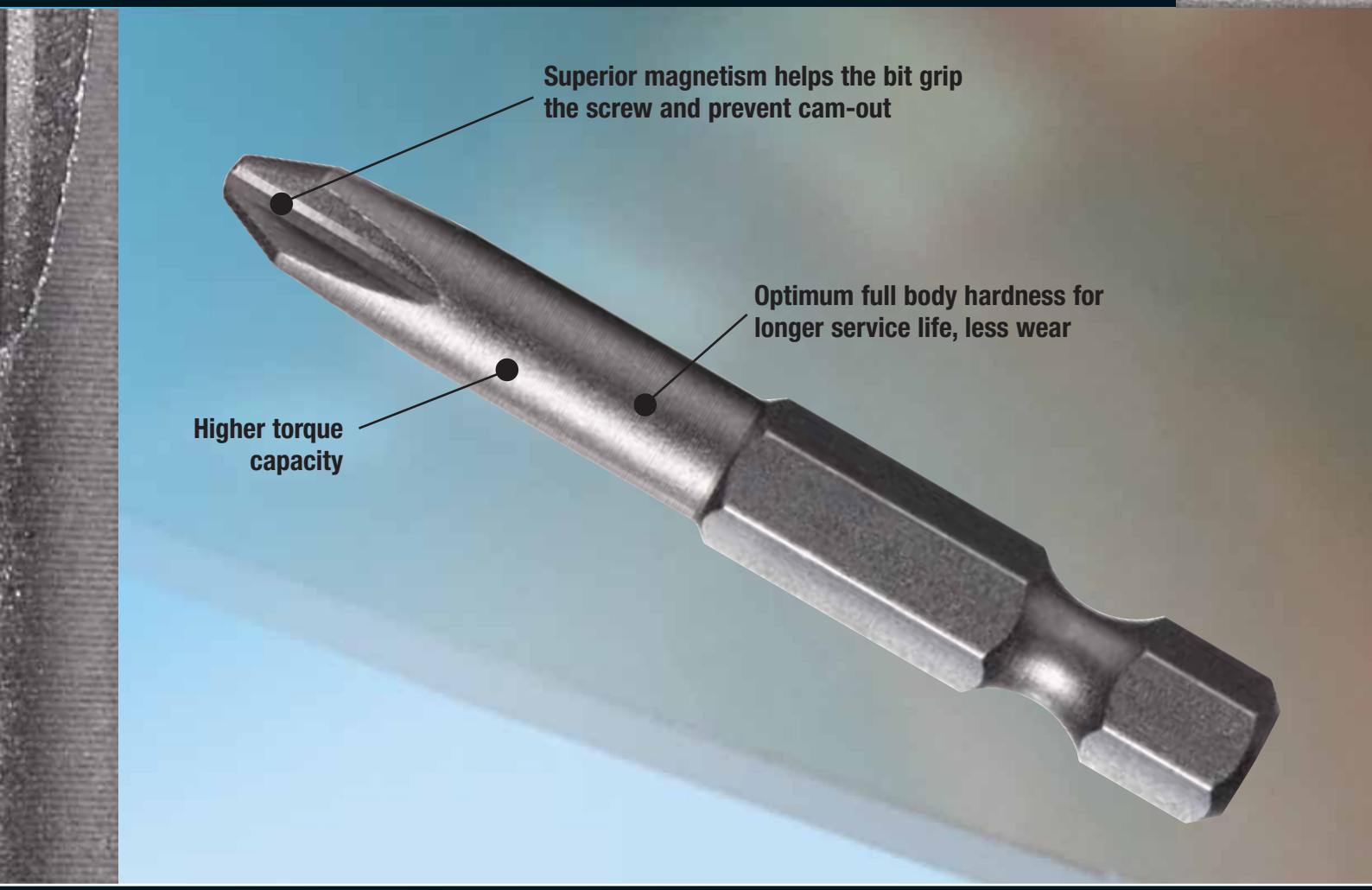

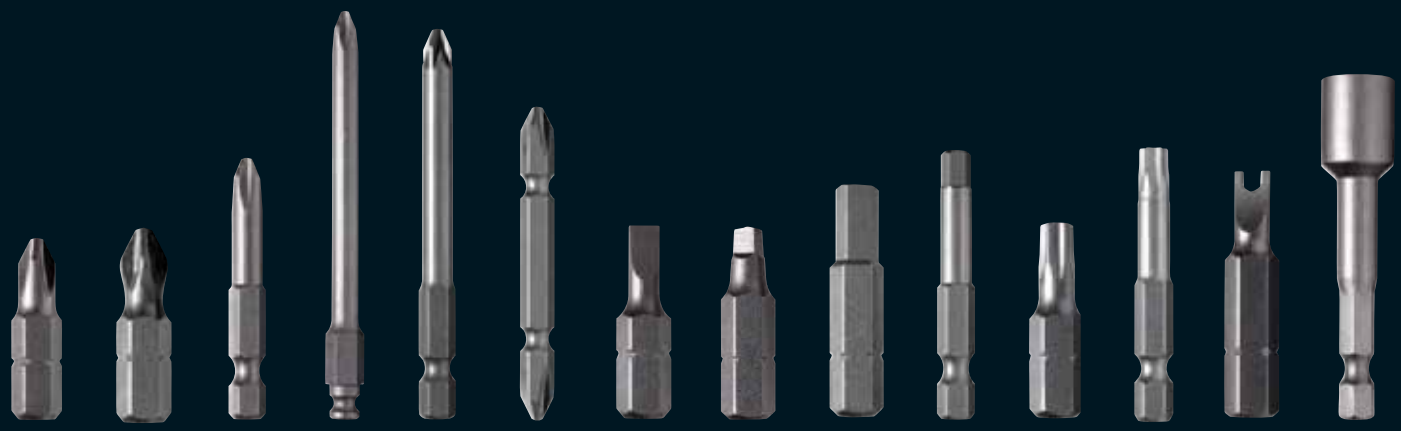

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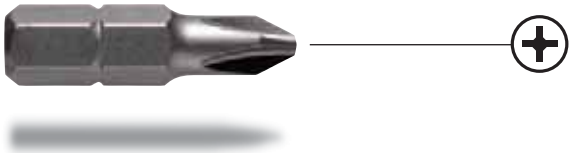
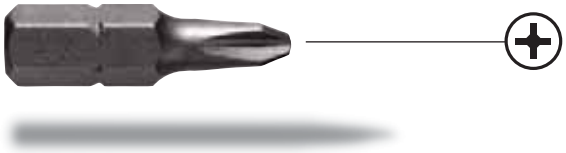
PHILLIPS® INSERT BITS



1/4" Phillips Insert Bit

PHILLIPS® REDUCED HEAD INSERT BITS



1/4" Reduced Nose Cone Diameter for Badly Stamped Screws

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® INSERT BITS				
PH0	PH025S	25	1/4" x 25mm Insert Bit	4.5	10
PH1	PH125S	25	1/4" x 25mm Insert Bit	4.5	10
PH2	PH225S	25	1/4" x 25mm Insert Bit	6	10
PH2	PH225SH	25	1/4" x 25mm Insert Bit - Handi Pack	6	10
PH2	PH225SHXL	25	1/4" x 25mm Insert Bit (x 20)	5	20
PH2	PH225SHXXL	25	1/4" x 25mm Insert Bit (x 100)	5	100
PH2	PH230S	30	1/4" x 30mm Insert Bit	6	10
PH2	PH238S	38	1/4" x 38mm Insert Bit	6	10
PH3	PH325S	25	1/4" x 25mm Insert Bit	6	10
PH4	PH425S	25	1/4" x 25mm Insert Bit	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® REDUCED HEAD TO SUIT POORLY STAMPED SCREWS				
PHR2	PHR225S	25	1/4" x 25mm Insert Bit	5	10
PHR2	PHR250S	50	1/4" x 50mm Power Bit	5	10
PHR2	PHR289S	89	1/4" x 89mm Power Bit	5	10

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1/4" Phillips Universal Power Bit

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® POWER BITS				
PH0	**PH075S**	75	1/4" x 75mm Power Bit	4.5	10
PH1	**PH150S**	50	1/4" x 50mm Power Bit	4.5	10
PH1	**PH175S**	75	1/4" x 75mm Power Bit	4.5	10
PH1	**PH192S**	92	1/4" X 92mm Power Bit	4.5	10
PH1	**PH1100S**	100	1/4" X 100mm Power Bit	4.5	10
PH1	**PH1150S**	150	1/4" x 150mm Power Bit	4.5	10
PH2	**PH250S**	50	1/4" x 50mm Power Bit	6	10
PH2	**PH250SH**	50	1/4" x 50mm Power Bit - Handi Pack	6	10
PH2	**PH265S**	65	1/4" x 65mm Power Bit	6	10
PH2	**PH275S**	75	1/4" x 75mm Power Bit	6	10
PH2	**PH275SH**	75	1/4" x 75mm Power Bit - Handi Pack	6	10
PH2	**PH292S**	92	1/4" x 92mm Power Bit	6	10
PH2	**PH2100S**	100	1/4" x 100mm Power Bit	6	10
PH2	**PH2150S**	150	1/4" x 150mm Power Bit	6	10
PH2	**PH2200S**	200	1/4" x 200mm Power Bit	6	10
PH2	**PH2250S**	250	1/4" x 250mm Power Bit	6	10
PH3	**PH350S**	50	1/4" x 50mm Power Bit	6	10
PH3	**PH375S**	75	1/4" x 75mm Power Bit	6	10
PH3	**PH3100S**	100	1/4" x 100mm Power Bit	6	10
PH3	**PH3150S**	150	1/4" x 150mm Power Bit	6	10

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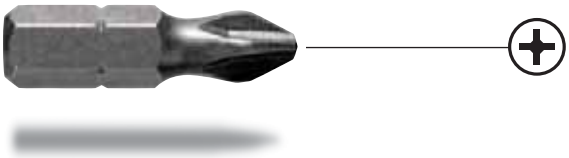
PHILLIPS® RIBBED INSERT BITS



1/4" Insert Bit with Ribs designed for additional gripping power to screwheads - prevents camout

PHILLIPS® RIBBED POWER BITS

1/4" Power Bit with Ribs designed for additional gripping power to screwheads - prevents camout

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® RIBBED INSERT BITS				
PH1	PH125SR	25	1/4" x 25mm Ribbed Insert Bit	4	10
PH2	PH225SR	25	1/4" x 25mm Ribbed Insert Bit	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® RIBBED POWER BITS				
PH2	PH250SR	50	1/4" x 50mm Ribbed Power Bit	6	10
PH2	PH275SR	75	1/4" x 75mm Ribbed Power Bit	6	10
PH2	PH2100SR	100	1/4" x 100mm Ribbed Power Bit	6	10
PH2	PH2150SR	150	1/4" x 150mm Ribbed Power Bit	6	10

PHILLIPS® INSERT & POWER BITS
hi-torque

High Quality Wear-Resistant Material

PHILLIPS® DOUBLE-ENDED BITS
hi-torque

High Quality Wear-Resistant Material

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® INSERT BITS — HI-TORQUE				
PH1	PH125SA	25	1/4" x 25mm PH1 Hi-Torque Insert Bit	6	10
PH2	PH225SA	25	1/4" x 25mm PH2 Hi-Torque Insert Bit	6	10
PH3	PH325SA	25	1/4" x 25mm PH3 Hi-Torque Insert Bit	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® POWER BITS — HI-TORQUE				
PH2	PH250SA	50	1/4" x 50mm Hi-Torque Power Bit	6	10
PH2	PH275SA	75	1/4" x 75mm Hi-Torque Power Bit	6	10
PH2	PH292SA	92	1/4" x 92mm Hi-Torque Power Bit	6	10
PH2	PH2100SA	100	1/4" x 100mm Hi-Torque Power Bit	6	10
PH2	PH2150SA	150	1/4" x 150mm Hi-Torque Power Bit	6	10
PH3	PH350SA	50	1/4" x 50mm PH3 Hi-Torque Power Bit	6	10
PH3	PH375SA	75	1/4" x 75mm PH3 Hi-Torque Power Bit	6	10

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® DOUBLE ENDED BITS — HI-TORQUE			
PH2+PH2	PH245DA	45	1/4" x 45mm Hi-Torque Double End Bit	10
PH2+PH2	PH265DA	65	1/4" x 65mm Hi-Torque Double End Bit	10
PH2+PH2	PH275DA	75	1/4" x 75mm Hi-Torque Double End Bit	10

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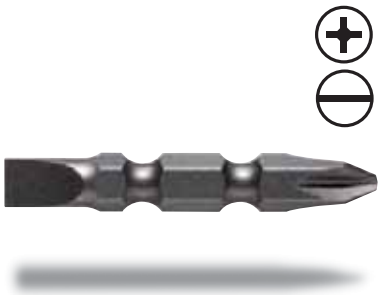
PHILLIPS® DRYWALL BITS

1/4" drywall driver bit with depth gauge
For installing plasterboard and cement fibre sheeting

PHILLIPS® SLOT DOUBLE-ENDED BITS



1/4" Phillips + Slot Double Ended Bit

PHILLIPS® SQUARE DOUBLE-ENDED BITS

1/4" Phillips + Square Double Ended Bit

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

alpha

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® DRYWALL BIT			
PH2	PH225DW	25	1/4" x 25mm Drywall Bit	4

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® + SLOT DOUBLE ENDED BITS			
PH1+SL4	PH1SL445D	45	Phillips #1 x Slot 4mm x 45mm Double Ended	10
PH2+SL6	PH2SL645D	45	Phillips #2 x Slot 6mm x 45mm Double Ended	10
PH2+SL6	PH2SL665D	65	Phillips #2 x Slot 6mm x 65mm Double Ended	10
PH2+SL8	PH2SL860D	60	Phillips #2 x Slot 8mm x 60mm Double Ended	10

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® + SQUARE DOUBLE ENDED BITS			
PH2+SQ2	PH2SQ250D	50	Phillips #2 +Square #2 x 50mm Double Ended	10
PH2+SQ2	PH2SQ289D	89	Phillips #2 +Square #2 x 89mm Double Ended	10

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1/4" Phillips Double Ended Bit

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® DOUBLE ENDED BITS			
PH1+PH1	PH145D	45	1/4" x 45mm Double End Bit	10
PH1+PH1	PH175D	75	1/4" x 75mm Double End Bit	10
PH2+PH2	PH245D	45	1/4" x 45mm Double End Bit	10
PH2+PH2	PH265D	65	1/4" x 65mm Double End Bit	10
PH2+PH2	PH265DH	65	1/4" x 65mm Double End Bit - Handi Pack	10
PH2+PH2	PH275D	75	1/4" x 75mm Double End Bit	10
PH2+PH2	PH2100D	100	1/4" x 100mm Double End Bit	10
PH2+PH2	PH2150D	150	1/4" x 150mm Double End Bit	10
PH2+PH2	PH2300D	300	1/4" x 300mm Double End Bit	10
PH2+PH2	PH2400D	400	1/4" x 400mm Double End Bit	10

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PHILLIPS® BITS-FOR DESOUTTER TOOLS

5/16" Buckeye-Desoutter Style Bit

PHILLIPS® BITS-FOR MAKITA/HITACHI TOOLS

1/4" Extension bits with reduced shank
to suit autofeed drywall screw guns

style
PHILLIPS®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	PHILLIPS® BIT FOR DESOUTTER TOOLS				
PH2	PH262BD	62	Desoutter Bit	5	10
PH2	PH294BD	94	Desoutter Bit	5	10

Point size	Code	OAL mm	To Suit	Body Dia. mm	Pack qty
	PHILLIPS® PH2 DRIVER BITS FOR MAKITA / HITACHI COLLATED SCREW GUNS				
PH2	CPH2109S	109	**Hitachi** WF 4DY	4.75	4/cd
PH2	CPH2116S	116	**Hilti** Collated Screw Guns	4.75	4/cd
PH2	CPH2117S	117	**Makita** 6831	4.75	4/cd
PH2	CPH2122S	122	**Makita** 440 14.4V Lithium Ion	5	4/cd
PH2	CPH2132S	132	**Makita** 6832 **Makita** 6833 **Makita** 6835	5	4/cd
SQ2	SQ2132S	132	**Makita** 6832 **Makita** 6833 **Makita** 6835	5	4/cd
PH2	CPH2146S	146	**Makita** 6834	5	4/cd
PH2	CPH2152S	152	**Makita** 240 Volt **Hitachi** W4YE and W4Yf	4.75	4/cd
PH2	CPH2157S	157	Some **Makita** 14.4/18V Li-Ion Guns	5	4/cd
PH2	CPH2164S	164	**Makita** 6842 - 450 14.4V Lithium Ion **Makita** 6843 - 550 18V Lithium Ion	5	4/cd
SQ2	SQ220COL	20	**Quickdrive** Collated Screwgun Attachments	–	10

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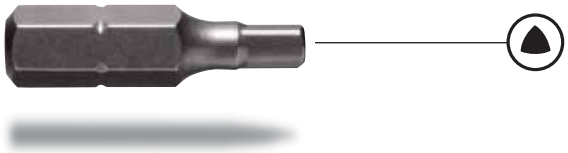
TRI-LOBULARINSERTBITS



1/4" Tri-Lobular Insert Bit

TRI-LOBULARPOWERBIT

1/4" Tri-Lobular Power Bit

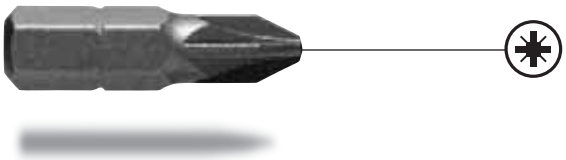
style
TRI-LOBULAR

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	TRI-LOBULAR INSERT				
TRILOB	**TRI-LOB**	25	25mm Tri-Lobular - Reduced head	4	10

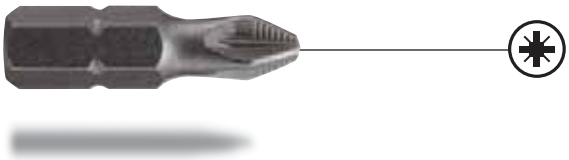
Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	TRI-LOBULAR POWER BIT				
TRILOB	**TRILOB100RD**	100	100mm Tri-Lobular Driver Bit - Reduced head	6	10

POZIDRIV® INSERT BITS



1/4" Pozidriv Insert Bit

POZIDRIV® RIBBED INSERT BITS



1/4" Insert Bit with ribs designed for additional gripping power to screwheads - prevents cam out

style
POZIDRIV®

feature
ALL BITS ARE MAGNETISED

alpha

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® INSERT BITS				
PZ1	PZ125S	25	1/4" x 25mm Pozidriv Insert Bit	4.5	10
PZ2	PZ225S	25	1/4" x 25mm Pozidriv Insert Bit	6	10
PZ2	PZ225SH	25	1/4" x 25mm Pozidriv Insert Bit - Handi Pack	6	10
PZ3	PZ325S	25	1/4" x 25mm Pozidriv Insert Bit	6	10
PZ4	PZ432S	32	1/4" x 32mm Pozidriv Insert Bit	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® INSERT BITS - HIGH TORQUE				
PZ2	PZ225SA	25	1/4" x 25mm Pozidriv Insert Bit	6	1

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® RIBBED INSERT BIT				
PZ2	PZR225SR	25	1/4" x 25mm Ribbed Pozidriv Insert Bit	6	10

Body Dia. size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® REDUCED HEAD BITS				
PZ1	PZR125S	25	1/4" x 25mm Pozidriv Reduced Insert Bit	4	10
PZ2	PZR225S	25	1/4" x 25mm Pozidriv Reduced Insert Bit	4	10
PZ2	PZR275S	25	1/4" x 75mm Pozidriv Reduced Power Bit	4	10

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POZIDRIV® POWER BITS

1/4" Pozidriv Power Bit

POZIDRIV® DOUBLE-ENDED BITS

1/4" Pozidriv Double Ended Bit

style
POZIDRIV®

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® POWER BITS				
PZ1	PZ150S	50	1/4" x 50mm Pozidriv Power Bit	4.5	10
PZ1	PZ175S	75	1/4" x 75mm Pozidriv Power Bit	4.5	10
PZ1	PZ1150S	150	1/4" x 150mm Pozidriv Power Bit	4.5	10
PZ2	PZ250S	50	1/4" x 50mm Pozidriv Power Bit	6	10
PZ2	PZ250SH	50	1/4" x 50mm Pozidriv Power Bit - Handi Pack	6	10
PZ2	PZ275S	75	1/4" x 75mm Pozidriv Power Bit	6	10
PZ2	PZ289S	89	1/4" x 89mm Pozidriv Power Bit	6	10
PZ2	PZ2120S	120	1/4" x 120mm Pozidriv Power Bit	6	10
PZ2	PZ2150S	150	1/4" x 150mm Pozidriv Power Bit	6	10
PZ3	PZ350S	50	1/4" x 50mm Pozidriv Power Bit	6	10
PZ3	PZ375S	75	1/4" x 75mm Pozidriv Power Bit	6	10
PZ3	PZ389S	89	1/4" x 89mm Pozidriv Power Bit	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® POWER BITS - HI TORQUE				
PZ2	PZ250SA	50	1/4" x 50mm Hi-Torque Pozidriv Power Bit	6	10

Point size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	POZIDRIV® RIBBED POWER BITS				
PZ2	PZ250SR	50	1/4" x 50mm Pozidriv Ribbed Power Bit	6	10

Point size	Code	OAL mm	Description	Pack qty
	POZIDRIV® DOUBLE ENDED BITS			
PZ1+PZ1	PZ165D	65	1/4" x 65mm Pozidriv Double End Bit	10
PZ2+PZ2	PZ245D	45	1/4" x 45mm Pozidriv Double End Bit	10
PZ2+PZ2	PZ265D	65	1/4" x 65mm Pozidriv Double End Bit	10
PZ2+PZ2	PZ275D	75	1/4" x 75mm Pozidriv Double End Bit	10
PZ2+SQ2	PZ2SQ250D	50	Pozi #2 + Square #2 x 50mm Double Ended Bit	10

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SLOTTEDINSERT&POWERBITS

1/4" Slotted Insert and Power Bits

style
SLOTTED

feature
ALL BITS ARE MAGNETISED

alpha

Head mm	Code	OAL mm	Description	Screw size	Pack qty
	SLOTTED INSERT BITS				
SL4	SL425S	25	1/4" x 25mm Slotted Insert Bit	3-4	10
SL5	SL525S	25	1/4" x 25mm Slotted Insert Bit	5-6	10
SL6	SL625S	25	1/4" x 25mm Slotted Insert Bit	6-10	10
SL10	SL1025S	25	1/4" x 25mm Slotted Insert Bit	14-16	10

Head mm	Code	OAL mm	Description	SCREW size	Pack qty
	SLOTTED POWER BITS				
SL3	SL350S	50	1/4" x 50mm Slotted Power Bit	1-2	10
SL5	SL550S	50	1/4" x 50mm Slotted Power Bit	5-6	10
SL5	SL575S	75	1/4" x 75mm Slotted Power Bit	5-6	10
SL6	SL650S	50	1/4" x 50mm Slotted Power Bit	6-10	10
SL8	SL850S	50	1/4" x 50mm Slotted Power Bit	12-14	10

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® + SLOT DOUBLE ENDED BITS			
PH1+SL4	PH1SL445D	45	Phillips #1 x Slot 4mm Double Ended	10
PH2+SL6	PH2SL645D	45	Phillips #2 x Slot 6mm Double Ended	10
PH2+SL6	PH2SL665D	65	Phillips #2 x Slot 6mm Double Ended	10
PH2+SL8	PH2SL860D	60	Phillips #2 x Slot 8mm Double Ended	10

Point size	Code	OAL mm	Description	Pack qty
	SLOT DOUBLE ENDED BIT			
SL5+SL7	SL5SL7100D	100	Slot 5 + Slot 7 x 100mm Double Ended	10

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style
VARIOUS

feature
ALL BITS ARE MAGNETISED

Point size	Code	Description	Qty
	DRIVER BITS MERCHANDISER		
PH1	PH125S	PH1 x 25mm Phillips Insert Bit	10
PH1	PH150S	PH1 x 50mm Phillips Power Bit	10
PH2	PH225S	PH2 X 25mm Phillips Insert Bit	50
PH2	PH225SR	PH2 x 25mm Phillips Ribbed Insert Bit	30
PH2	PH225DW	PH2 x 25mm Phillips Depth Guage Insert Bit	12
PH2	PHR225S	PH2 x 25mm Phillips Reduced Head Insert Bi	20
PH2	PH250S	PH2 x 50mm Phillips Power Bit	50
PH2	PH250SR	PH2 x 50mm Phillips Ribbed Power Bit	10
PH2	PH275S	PH2 x 75mm Phillips Power Bit	20
PH2	PH275SR	PH2 x 75mm Phillips Ribbed Power Bit	10
PH2	PH265S	PH2 x 65mm Phillips Power Bit	10
PH2	PH245D	PH2 x 45mm Phillips Double Ended Bit	30
PH2	PH265D	PH2 x 65mm Phillips Double End Bit	30
PH2	PH2100S	PH2 x 100mm Phillips Power Bit	30
PH2	PH2100SR	PH2 x 100mm Phillips Ribbed Power Bit	10
PH2	PH2100D	PH2 x 100mm Phillips Double Ended Driver Bit	10
PH2	PH2150D	PH2 x 150mm Phillips Double End Bit	10
PH2	PH2150S	PH2 x 150mm Phillips Power Bit	20
PH2	PH2SL645D	PH2/SL6 x 45mm Phillips/Slotted Double Ended Bit	10
PH3	PH325S	PH3 x 25mm Phillips Insert Bit	10
PH3	PH350S	PH3 x 50mm Phillips Power Bit	10
SQ1	SQ125S	Square SQ1 x 25mm Insert Bit	10
SQ1	SQ150S	Square SQ1 x 50mm Power Bit	10
SQ1	SQ1100S	Square SQ1 x 100mm Power Bit	10
SQ1	SQ1150S	Square SQ1 x 150mm Power Bit	10
SQ2	SQ225S	Square SQ2 x 25mm Insert Bit	30
SQ2	SQ250S	Square SQ2 x 50mm Power Bit	20
SQ2	SQ2100S	Square SQ2 x 100mm Power Bit	10
5/16”	NS516200	Nutsetter 5/16in x 200mm Magnetic	10
5/16”	NS516150	Nutsetter 5/16in x 150mm Magnetic	10
5/16”	NS51642	Nutsetter 5/16in x 42mm Magnetic	30
5/16”	NS51665	Nutsetter 5/16in x 65mm Magnetic	30
7/16”	NS71665	Nutsetter 7/16in x 65mm Magnetic	5
3/8”	NS3842	Nutsetter 3/8in x 42mm Magnetic	20
3/8”	NS3865	Nutsetter 3/8in x 65mm Magnetic	20
1/4”	NS1442	Nutsetter 1/4in x 42mm Magnetic	10
1/4”	NS1465	Nutsetter 1/4in x 65mm Magnetic	10
1/4”	ADP12-70	Adapter 1/4in Hex - 1/2in Sq x 70mm	5
1/4”	ADP38-75	Adapter 1/4in Hex - 3/8in Sq x 75mm	5
1/4”	ADP14-65	Adapter 1/4in Hex - 1/4in Sq x 65mm	10
5mm	HEX530S	Hex 5mm x 30mm Insert Driver Bit	50
5mm	HEX550S	Hex 5mm x 50mm Power Driver Bit	20
1/4”	MBHC150	Magnetic Bit Holder With C Ring 1/4in x 150mm	5
1/4”	MBHC54	Magnetic Bit Holder With C Ring 1/4in x 54mm	20
1/4”	MBHC75	Magnetic Bit Holder With C Ring 1/4in x 75mm	20
PZ1	PZ125S	Pozi PZ1 x 25mm Insert Bit	10
PZ1	PZ150S	Pozi PZ1 x 50mm Power Bit	10
PZ2	PZ225S	Pozi PZ2 x 25mm Insert Bit	10
PZ2	PZ250S	Pozi PZ2 x 50mm Power Bit	30
PZ3	PZ325S	Pozi PZ3 x 25mm Insert Bit	10
PZ3	PZ350S	Pozi PZ3 x 50mm Power Bit	10
SL5	SL525S	Slot SL5 x 25mm Insert Bit	10
SL5	SL550S	Slot SL5 x 50mm Power Bit	10
SL6	SL625S	Slot SL6 x 25mm Insert Bit	10
SL6	SL650S	Slot SL6 x 50mm Power Bit	10
SL8	SL850S	Slot SL8 x 50mm Power Bit	10

SQUARE-DRIVEBITS

1/4" Square Drive Insert and Power Bits

style
SQUARE DRIVE

feature
ALL BITS ARE MAGNETISED

alpha

Point size	Code	OAL mm	Description	Body Dia. mm	Point size mm	Pack qty
	SQUARE DRIVE INSERT BITS					
SQ0	SQ025S	25	1/4" x 25mm Square Insert Bit	5	1.8	10
SQ1	SQ125S	25	1/4" x 25mm Square Insert Bit	5	2.4	10
SQ2	SQ225S	25	1/4" x 25mm Square Insert Bit	6	3.0	10
SQ3	SQ325S	25	1/4" x 25mm Square Insert Bit	6	3.4	10

style
SQUARE DRIVE - HI TORQUE

feature
ALL BITS ARE MAGNETISED

alpha

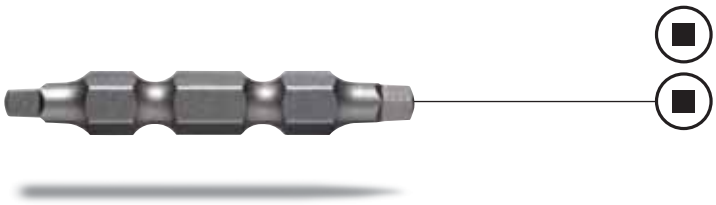
Point size	Code	OAL mm	Description	Body Dia. mm	Point size mm	Pack qty
	SQUARE DRIVE HI-TORQUE BITS					
SQ1	SQ125SA	25	1/4"x 25mm Square Hi-Torque Insert Bit	5	2.4	10
SQ1	SQ150SA	50	1/4"x 50mm Square Hi-Torque Power Bit	5	2.4	10
SQ2	SQ225SA	25	1/4"x 25mm Square Hi-Torque Insert Bit	6	2.9	10
SQ2	SQ250SA	50	1/4"x 50mm Square Hi-Torque Power Bit	6	2.9	10
SQ2	SQ275SA	75	1/4"x 75mm Square Hi-Torque Power Bit	6	2.9	10

Point size	Code	OAL mm	Description	Body Dia. mm	Point size mm	Pack qty
	SQUARE DRIVE POST HOLE SECURITY BITS					
SQ2	SQSE250S	50	1/4" x 50mm Square Post Hole Security Bit	6	3.0	10

SQUARE-DRIVE POWER BITS

1/4" Square Drive Power Bit

SQUARE-DRIVE DOUBLE-ENDED BITS



1/4" Square Drive Double Ended Bit

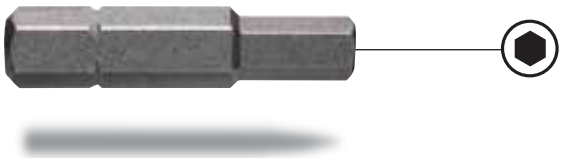
style
SQUARE DRIVE

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Body Dia. mm	Point size mm	Pack qty
	SQUARE DRIVE POWER BITS					
SQ0	SQ050S	50	1/4" x 50mm Square Power Bit	5	1.8	10
SQ0	SQ089S	89	1/4" x 89mm Square Power Bit	5	1.8	10
SQ1	SQ150S	50	1/4" x 50mm Square Power Bit	5	2.4	10
SQ1	SQ175S	75	1/4" x 75mm Square Power Bit	5	2.4	10
SQ1	SQ190S	90	1/4" x 90mm Square Power Bit	5	2.4	10
SQ1	SQ1100S	100	1/4" x 100mm Square Power Bit	5	2.4	10
SQ1	SQ1150S	150	1/4" x 150mm Square Power Bit	5	2.4	10
SQ2	SQ250S	50	1/4" x 50mm Square Power Bit	6	3.0	10
SQ2	SQ250SH	50	1/4" x 50mm Square Power Bit - Handi Pack	6	3.0	10
SQ2	SQ275S	75	1/4" x 75mm Square Power Bit	6	3.0	10
SQ2	SQ290S	90	1/4" x 90mm Square Power Bit	6	3.0	10
SQ2	SQ2100S	100	1/4" x 100mm Square Power Bit	6	3.0	10
SQ2	SQ2132S	132	1/4" x 132mm Square Power Bit	6	3.0	10
SQ2	SQ2150S	150	1/4" x 150mm Square Power Bit	6	3.0	10
SQ3	SQ350S	50	1/4" x 50mm Square Power Bit	6	3.4	10
SQ3	SQ375S	75	1/4" x 75mm Square Power Bit	6	3.4	10
SQ3	SQ3100S	100	1/4" x 100mm Square Power Bit	6	3.4	10
SQ3	SQ3150S	150	1/4" x 150mm Square Power Bit	6	3.4	10

Point size	Code	OAL mm	Description	Pack qty
	SQUARE DRIVE DOUBLE END BITS			
SQ1+SQ2	SQ1SQ238D	38	1/4" x 38mm Double End Bit	10
SQ2+SQ2	SQ245D	45	1/4" x 45mm Double End Bit	10
SQ2+SQ2	SQ2185D	185	1/4" x 185mm Square Double End Bit	10
SQ2+SQ2	SQ2210D	210	1/4" x 210mm Square Double End Bit	10
PH2+SQ2	PH2SQ250D	50	Phillips #2 x Square #2 Double Ended	10
PH2+SQ2	PH2SQ289D	89	Phillips #2 x Square #2 Double Ended	10
PZ2+SQ2	PZ2SQ250D	50	Pozi/Square PZ2/SQ2 x 50mm Double Ended Bit	10

HEX-DRIVEINSERTBITS



1/4” Hexagon Socket Insert Bits

HEX-DRIVEPOWERBITS

1/4” Hexagon Socket Power Bits

style
HEX DRIVE

feature
ALL BITS ARE MAGNETISED

Point mm	Code	OAL mm	Description	Pack qty
	HEX DRIVE INSERT BITS			
2.5	HEX2525S	25	1/4” x 25mm Hexagon Insert Bit	10
3	HEX330S	30	1/4” x 30mm Hexagon Insert Bit	10
4	HEX430S	30	1/4” x 30mm Hexagon Insert Bit	10
5	HEX530S	30	1/4” x 30mm Hexagon Insert Bit	10
6	HEX632S	32	1/4” x 32mm Hexagon Insert Bit	10
8	HEX832S	32	1/4” x 32mm Hexagon Insert Bit	10
10	HEX1032S	32	1/4” x 32mm Hexagon Insert Bit	10
1/8”	HEX1825S	25	1/4” x 25mm Hexagon Insert Bit	10

Point mm	Code	OAL mm	Description	Pack qty
	HEX DRIVE POWER BITS			
2.5	HEX2550S	50	1/4” x 50mm Hexagon Power Bit	10
3	HEX350S	50	1/4” x 50mm Hexagon Power Bit	10
4	HEX450S	50	1/4” x 50mm Hexagon Power Bit	10
5	HEX550S	50	1/4” x 50mm Hexagon Power Bit	10
5	HEX550SH	50	1/4” x 50mm Hexagon Power Bit - Handi Pack	10
5	HEX575S	75	1/4” x 75mm Hexagon Power Bit	10
5	HEX5100S	100	1/4” x 100mm Hexagon Power Bit	10
5	HEX5150S	150	1/4” x 150mm Hexagon Power Bit	10
6	HEX660S	60	1/4” x 60mm Hexagon Power Bit	10

1/4" Hexagon with Security Post Hole

style
HEX DRIVE SECURITY

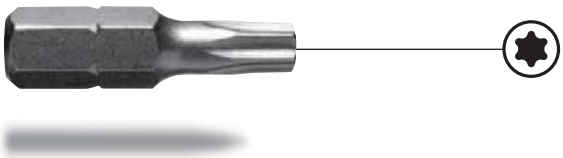
feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Pack qty
	HEX SECURITY INSERT BITS - POST HOLE			
3/32"	HEXSE332	32	1/4" x 32mm Hexagon Security Bit	10
1/8"	HEXSE18	32	1/4" x 32mm Hexagon Security Bit	10
5/32"	HEXSE532	32	1/4" x 32mm Hexagon Security Bit	10
3/16"	HEXSE316	32	1/4" x 32mm Hexagon Security Bit	10
7/32"	HEXSE732	32	1/4" x 32mm Hexagon Security Bit	10
2.5mm	HEXSE2525	25	1/4" x 25mm Hexagon Security Bit	10
3mm	HEXSE325	25	1/4" x 25mm Hexagon Security Bit	10
4mm	HEXSE425	25	1/4" x 25mm Hexagon Security Bit	10
5mm	HEXSE525	25	1/4" x 25mm Hexagon Security Bit	10
6mm	HEXSE625	25	1/4" x 25mm Hexagon Security Bit	10

100 PCE SECURITY BIT SET AVAILABLE SEE PAGE 119 FOR FULL LIST

alpha by Sterling

TORX® INSERT BITS



1/4" Torx Socket Drive Insert Bits

TORX® POWER BITS

1/4" Torx Socket Drive Power Bits

style
TORX®

feature
ALL BITS ARE MAGNETISED

alpha

Point size	Code	OAL mm	Description	Point Dia. mm	Pack qty
	TORX® INSERT BITS				
T8	TX825S	25	1/4" x 25mm Torx Bit	2.2	10
T10	TX1025S	25	1/4" x 25mm Torx Bit	2.7	10
T15	TX1525S	25	1/4" x 25mm Torx Bit	3.3	10
T20	TX2025S	25	1/4" x 25mm Torx Bit	3.8	10
T25	TX2525S	25	1/4" x 25mm Torx Bit	4.4	10
T27	TX2725S	25	1/4" x 25mm Torx Bit	5.0	10
T30	TX3025S	25	1/4" x 25mm Torx Bit	5.5	10
T40	TX4025S	25	1/4" x 25mm Torx Bit	6.6	10

Point size	Code	OAL mm	Description	Point Dia. mm	Pack qty
	TORX POWER BITS				
T10	TX1075S	75	1/4" x 75mm Torx Bit	2.7	10
T20	TX2050S	50	1/4" x 50mm Torx Bit	3.8	10
T20	TX2075S	75	1/4" x 75mm Torx Bit	3.8	10
T25	TX2550S	50	1/4" x 50mm Torx Bit	4.4	10
T30	TX3050S	50	1/4" x 50mm Torx Bit	5.5	10
T30	TX3075S	75	1/4" x 75mm Torx Bit	5.5	10
T30	TX30100S	100	1/4" x 100mm Torx Bit	5.5	10
T40	TX4050S	50	1/4" x 50mm Torx Bit	6.6	10

Point size	Code	OAL mm	Description	Point Dia. mm	Pack qty
	TORX POWER BITS - HIGH TORQUE				
TX20	TX2025SA	25	1/4" x 25mm Hi-Torque Torx Insert Bit	3.8	10
TX25	TX2525SA	25	1/4" x 25mm Hi-Torque Torx Insert Bit	4.4	10
TX25	TX2550SA	50	1/4" x 50mm Hi-Torque Torx Power Bit	4.4	10
TX25	TX2575SA	75	1/4" x 75mm Hi-Torque Torx Power Bit	4.4	10
TX30	TX3050SA	50	1/4" x 50mm Hi-Torque Torx Power Bit	5.5	10
TX30	TX3075SA	75	1/4" x 75mm Hi-Torque Torx Power Bit	5.5	10

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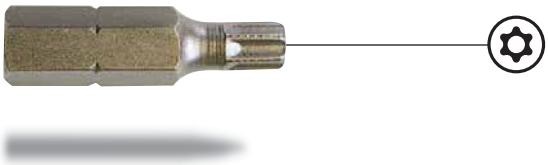
TORX® SECURITY INSERT/POWER BITS-POST HOLE



1/4" Torx Socket Drive with Security Post Hole

TORX® SECURITY ALLEN KEY

1/4" Torx Allen Key

style
TORX® SECURITY

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Point Dia. mm	Pack qty
	TORX® SECURITY INSERT BITS - POST HOLE				
T8	TXSE825	25	1/4" x 25mm Torx Security Bit	2.2	10
T10	TXSE1025	25	1/4" x 25mm Torx Security Bit	2.7	10
T15	TXSE1525	25	1/4" x 25mm Torx Security Bit	3.3	10
T20	TXSE2025	25	1/4" x 25mm Torx Security Bit	3.8	10
T25	TXSE2525	25	1/4" x 25mm Torx Security Bit	4.4	10
T27	TXSE2725	25	1/4" x 25mm Torx Security Bit	5.0	10
T30	TXSE3025	25	1/4" x 25mm Torx Security Bit	5.5	10
T40	TXSE4025	25	1/4" x 25mm Torx Security Bit	6.6	10
T45	TXSE4525	25	1/4" x 25mm Torx Security Bit	7.9	10
T50	TXSE5025	25	1/4" x 25mm Torx Security Bit	8.7	10
5T30	5TXSE3025	25	1/4" x 25mm Torx Security Bit 5 PIN	5.5	10
T10	TXSE1075S	75	Torx TX10 x 75mm Tamper Proof Power Bit	2.7	10

style
TORX® ALLEN KEYS

feature
ALL BITS ARE MAGNETISED

Point size	Code	Description	Point Dia. mm	Pack qty
	TORX® ALLEN KEYS			
T8	ALKTX8	Torx TX8 Allen Key	2.2	10
T10	ALKTX10	Torx TX10 Allen Key	2.7	10
T15	ALKTX15	Torx TX15 Allen Key	3.3	10
T20	ALKTX20	Torx TX20 Allen Key	3.8	10
T25	ALKTX25	Torx TX25 Allen Key	4.4	10
T40	ALKTX40	Torx TX40 Allen Key	6.6	10
T45	ALKTX45	Torx TX45 Allen Key	7.9	10
T50	ALKTX50	Torx TX50 Allen Key	8.7	10
T55	ALKTX55	Torx TX55 Allen Key	10.8	10

Point size	Code	Description	Point Dia. mm	Pack qty
	TORX SECURITY ALLEN KEY			
T25	ALKTXSE25	Torx Tamper Proof Allen Key	4.4	10
T27	ALKTXSE27	Torx Tamper Proof Allen Key	5	10
T30	ALKTXSE30	Torx Tamper Proof Allen Key	5.5	10
T45	ALKTXSE45	Torx Tamper Proof Allen Key	7.9	10

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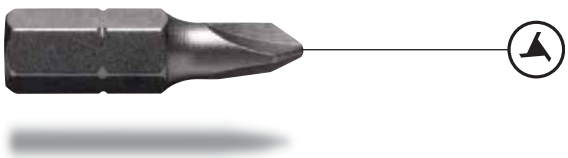
PIN-DRIVEINSERTBITS

1/4" Pin Drive Insert Bits

TRI-WINGINSERTBITS



1/4" Tri-Wing Socket Insert Bit

style
PIN SECURITY

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Point size mm	Pack qty
	PIN DRIVE INSERT BITS				
4	PIN432S	32	1/4" x 32mm Pin Drive Insert Bits	4	10
6	PIN632S	32	1/4" x 32mm Pin Drive Insert Bits	6	10
8	PIN832S	32	1/4" x 32mm Pin Drive Insert Bits	8	10
10	PIN1032S	32	1/4" x 32mm Pin Drive Insert Bits	10	10
12	PIN1232S	32	1/4" x 32mm Pin Drive Insert Bits	12	10
14	PIN1432S	32	1/4" x 32mm Pin Drive Insert Bits	14	10

style
TRI WING

feature
ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Point size mm	Pack qty
	TRI-WING INSERT BITS				
1	TRI125S	25	1/4" x 25mm Tri-Wing Insert Bit	4.4	10
2	TRI225S	25	1/4" x 25mm Tri-Wing Insert Bit	4.5	10
3	TRI325S	25	1/4" x 25mm Tri-Wing Insert Bit	4.6	10
4	TRI425S	25	1/4" x 25mm Tri-Wing Insert Bit	5.7	10
5	TRI525S	25	1/4" x 25mm Tri-Wing Insert Bit	6.3	10

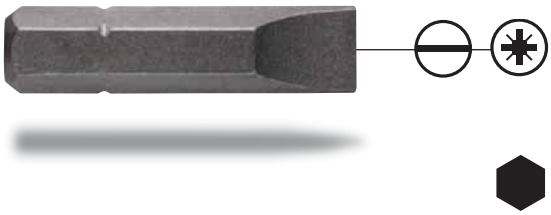
PHILLIPS® IMPACTDRIVERBITS

5/16" Hex

5/16" Heavy Duty Impact Driver Bit

SLOT&POZIDRIV® IMPACTDRIVERBITS

alpha by Sterling



5/16" Heavy Duty Impact Driver Bit

5/16" Hex

style
5/16" IMPACT

feature
ALL BITS ARE MAGNETISED

alpha

Point size	Code	OAL mm	Description	Pack qty
	PHILLIPS® IMPACT DRIVER BITS - 5/16"			
PH1	**PH132I**	32	5/16" x 32mm Hex Shank	10
PH2	**PH232I**	32	5/16" x 32mm Hex Shank	10
PH2	**PH276I**	76	5/16" x 76mm Hex Shank	10
PH3	**PH332I**	32	5/16" x 32mm Hex Shank	10
PH3	**PH376I**	76	5/16" x 76mm Hex Shank	10
PH4	**PH432I**	32	5/16" x 32mm Hex Shank	10
PH4	**PH476I**	76	5/16" x 76mm Hex Shank	10

Point size	Code	OAL mm	Description	Pack qty
	SLOT IMPACT DRIVER BITS - 5/16"			
SL8	**SL836I**	36	5/16" x 36mm Hex Shank	10
SL10	**SL1036I**	36	5/16" x 36mm Hex Shank	10
SL12	**SL1236I**	36	5/16" x 36mm Hex Shank	10

Point size	Code	OAL mm	Description	Pack qty
	POZIDRIV® IMPACT DRIVER BITS - 5/16"			
PZ1	**PZ132I**	32	5/16" x 32mm Hex Shank	10
PZ2	**PZ232I**	32	5/16" x 32mm Hex Shank	10
PZ2	**PZ276I**	76	5/16" x 76mm Hex Shank	10

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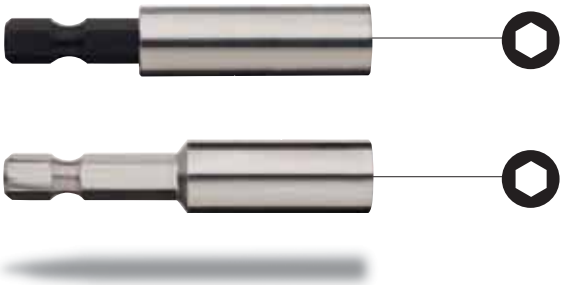
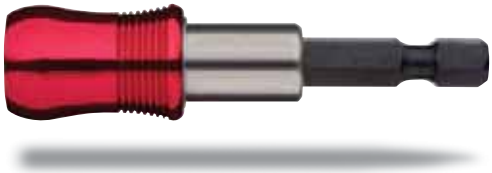
MAGNETICBITHOLDER



1/4" Magnetic Bit Holders with 'C' Ring

QUICKRELEASEPROBITHOLDER



1/4" Professional Magnetic Bit Holder with Spring Loaded Quick Release

style
BIT HOLDER

feature
ALL BITS ARE MAGNETISED

Point. size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	MAGNETIC BIT HOLDER - 2 PIECE				
1/4"	**MBHC54**	54	1/4" x 54mm 2 pce. Magnetic Bit Holder	11	10
1/4"	**MBHC75**	75	1/4" x 75mm 2 pce. Magnetic Bit Holder	11	10
1/4"	**MBHC150**	150	1/4" x 150mm 2 pce. Magnetic Bit Holder	11	10
1/4"	**MBHC300**	300	1/4" x 300mm 2 pce. Magnetic Bit Holder	11	5

Point. size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	MAGNETIC BIT HOLDER - STAINLESS STEEL 1 PIECE				
1/4"	**MBHCS54**	54	1/4" x 54mm SS 1 pce. Magnetic Bit Holder	11	10
1/4"	**MBHCS75**	75	1/4" x 75mm SS 1 pce. Magnetic Bit Holder	11	10

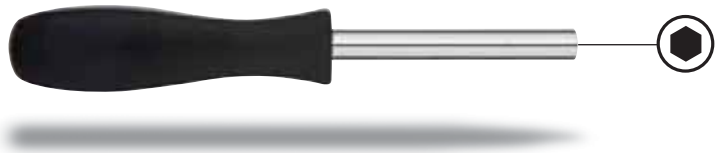
Point. size	Code	OAL mm	Description	Body Dia. mm	Pack qty
	QUICK RELEASE PRO BIT HOLDER				
1/4"	**CMBHQR65**	65	1/4" x 65mm Professional - Carded	16	1
1/4"	**CMBHQR150**	150	1/4" x 150mm Professional - Carded	16	1

SUPPLIED ON INDIVIDUAL CARD

BITHOLDER

1/4” Bit Holders with ‘C’ Ring
Adapts from 3/8” Square Drive to 1/4” Bit Holder

INSERTBITSCREWDRIVERHANDLE



1/4” Magnetic Screwdriver Handle

style
BIT HOLDER

feature
ALL BITS ARE MAGNETISED

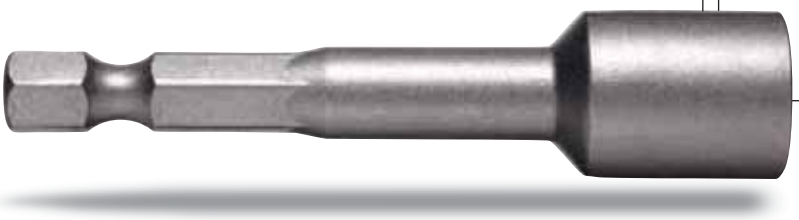
	Code	OAL mm	Description	Hex inches	Drive Square inches	Pack qty
	BIT HOLDER					
	BH38-14	38	1/4” x 3/8” Square Drive	1/4”	3/8”	10
	BH12-14	45	1/4” x 1/2” Square Drive	1/4”	1/2”	10

	Code	OAL mm	Description	Hex inches
	1/4” MAGNETIC SCREW DRIVER HANDLE			
75	**68008B**	183	1/4” Insert Bit Screwdriver	1/4”

MAGNETICNUTSETTER

Superior Quality
Made from S2 material delivering professional performance that stands up to rigorous use.

Extreme Performance in Impact Drivers



1/4" Hex Drive Magnetic Nutsetter

style
NUTSETTERS

feature
ALL BITS ARE MAGNETISED

Hex size	Code	OAL mm	Description	Pack qty
	MAGNETIC NUTSETTER IMPERIAL			
1/4"	NS1442	42	1/4" x 42mm Magnetic Nutsetter	5
1/4"	NS1465	65	1/4" x 65mm Magnetic Nutsetter	5
1/4"	NS14100	100	1/4" x 100mm Magnetic Nutsetter	5
5/16"	NS51642	42	5/16" x 42mm Magnetic Nutsetter	5
5/16"	NS51665	65	5/16" x 65mm Magnetic Nutsetter	5
5/16"	NS516100	100	5/16" x 100mm Magnetic Nutsetter	5
5/16"	NS516150	150	5/16" x 150mm Magnetic Nutsetter	5
5/16"	NS516200	200	5/16" x 200mm Magnetic Nutsetter	5
5/16"	NS516300	300	5/16" x 300mm Magnetic Nutsetter	5
3/8"	NS3842	42	3/8" x 42mm Magnetic Nutsetter	5
3/8"	NS3865	65	3/8" x 65mm Magnetic Nutsetter	5
3/8"	NS38150	150	3/8" x 150mm Magnetic Nutsetter	5
7/16"	NS71665	65	7/16" x 65mm Magnetic Nutsetter	5
9/16"	NS91665	65	9/16" x 65mm Magnetic Nutsetter	5

Hex size	Code	OAL mm	Description	Pack qty
	MAGNETIC NUTSETTER METRIC			
7mm	NS765	65	7mm x 65mm Magnetic Nutsetter	5
8mm	NS865	65	8mm x 65mm Magnetic Nutsetter	5
10mm	NS1065	65	10mm x 65mm Magnetic Nutsetter	5
12mm	NS1255	55	12mm x 55mm Magnetic Nutsetter	5
13mm	NS1355	55	13mm x 55mm Magnetic Nutsetter	5

SQUAREDRIVEMAGNETICSOCKET

Square Drive Magnetic Sockets

style
MAGNETIC SOCKETS

feature
ALL BITS ARE MAGNETISED

Hex size	Code	Nose End - OD* mm	Description	OAL mm	Pack qty
	SQUARE DRIVE MAGNETIC SOCKET IMPERIAL				
5/16”	**MS51638**	13	5/16” Hex x 3/8” Square Drive	32	5
3/8”	**MS3838**	15	3/8” Hex x 3/8” Square Drive	32	5

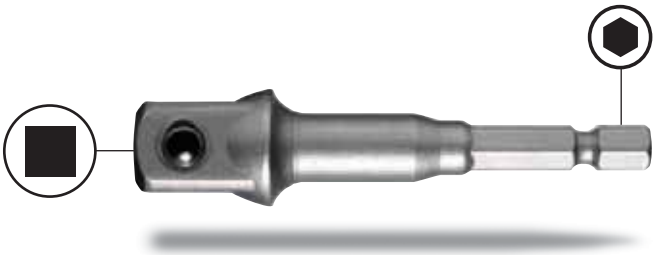
*Outside diameter

Hex size	Code	Nose End - OD* mm	Description	OAL mm	Pack qty
	SQUARE DRIVE MAGNETIC SOCKET METRIC				
5.5	**MS5.522**	9.5	5.5mm Hex x 1/4” Square Drive	22.2	5
7.0	**MS722**	11.9	7.0mm Hex x 1/4” Square Drive	22.2	5
8.0	**MS825**	12.7	8.0mm Hex x 1/4” Square Drive	25.4	5
10.0	**MS1025**	16	10.0mm Hex x 1/4” Square Drive	25.4	5

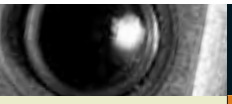
HEXTOSQUAREADAPTOR

1/4” Hex Drive to 1/4” Square Adaptor

HEXTOSQUAREADAPTOR



1/4” Hex Drive to Square Drive Adaptor



style
ADAPTOR

feature
SOCKET CONNECTOR

ADP14-25

ADP14-65

ADP14-100

Square mm	Code	OAL mm	Description	Male size inches	Hex inches	Pack qty
	HEX TO SQUARE ADAPTER					
1/4	**ADP14-25**	25	1/4” hex to 1/4” square	1/4	1/4	10

Square mm	Code	OAL mm	Description	Male size inches	Hex inches	Pack qty
	ADAPTERS FOR HEX DRIVE					
1/4	**ADP14-65**	65	1/4” hex to 1/4” square	1/4”	1/4”	5
1/4	**ADP14-75**	75	1/4” hex to 1/4” square	1/4”	1/4”	5
1/4	**ADP14-100**	100	1/4” hex to 1/4” square	1/4”	1/4”	5
1/4	**ADP14-150**	150	1/4” hex to 1/4” square	1/4”	1/4”	5
3/8	**ADP38-75**	75	1/4” hex to 3/8” square	3/8”	1/4”	5
1/2	**ADP12-70**	70	1/4” hex to 1/2” square	1/2”	1/4”	5
	42191		Set of 3 carded 1/4” + 3/8”+1/2”			1

SECURITY33PIECEBITSETS

1/4" Hex Drive Assorted Security Bits
Includes 1/4" Magnetic Bit Holder

SECURITY100PIECEBITSETS

1/4" Hex Drive Assorted Security and Driver Bits
Includes 1/4" Magnetic Bit Holder

style
HEX DRIVE

feature
SECURITY DRIVER BIT SETS

alpha

Code	Description	Pack qty
EASIDISC 7 PIECE SET		
RBT7	**7 Piece Bit Set & Holder** PH125S, PH225S, HEX525S, SQ225S, PZ225S, SL625S, MBHC54	1

SUPPLIED IN MOULDED PLASTIC BOX

Code	Description	Pack qty
SECURITY 33 PIECE BIT SETS		
42133	**33 Piece Carded Security Bit Set** TXSE825, TXSE1025, TXSE1525, TXSE2025, TXSE2525, TXSE2725, TXSE3025, TXSE3525, TXSE4025 PH025S, PH125S, PH225S, PH325S PIN425S, PIN625S, PIN825S, PIN1025S TORQ625S, TORQ825S, TORQ1025S HEXSE564S, HEXSE332S, HEXSE764S, HEXSE18S, HEXSE964S, HEXSE532S, HEXSE225S, HEXSE2525S, HEXSE325S, HEXSE425S, HEXSE525S, HEXSE625S Bit Holder x 54mm	1

CARDED WITH BIT CASE

Code	Description	Pack qty
SECURITY 100 PIECE BIT SETS		
EW-100	**100 Piece Bit Set & Holder** PH025S, PH125S, PH225S x 5, PH325S PZ025S, PZ125S, PZ225S x5, PZ325S PIN425S, PIN625S, PIN825S, PIN1025S TRI125S, TRI225S, TRI325S, TRI425S SL325S, SL425S, SL4525S, SL525S, SL5525S, SL625S, SL6525S, SL725S, SL825S SQ025S, SQ125S, SQ225S, SQ325S SPLINE5, SPLINE6, SPLINE8 CLUTCH1, CLUTCH2, CLUTCH3 TORQ625S, TORQ825S, TORQ1025S TX825S, TX1025S, TX1525S, TX2025S, TX2525S, TX2725S, TX3025S, TX4025S, TX4525S TXSE825, TXSE1025, TXSE1525, TXSE2025, TXSE2525, TXSE2725, TXSE3025, TXSE3525, TXSE4025 HEX1525S, HEX225S, HEX2525S, HEX325S, HEX425S, HEX525S, HEX5525S, HEX625S, HEX825S HEX11625S, HEX56425S, HEX33225S, HEX76425S, HEX1825S, HEX96425S, HEX53225S, HEX31625S, HEX73225S, HEX1425S HEXSE225, HEXSE2525, HEXSE325, HEXSE425, HEXSE525, HEXSE625, HEXSE564, HEXSE332, HEXSE764, HEXSE18, HEXSE964, HEXSE532 ADP14-25, ADP14-50 Magnetic Bit Holder Socket Bit Holder Wing Nut Driver	10

SUPPLIED IN MOULDED PLASTIC BOX

ALPHASMALLDRIVERBITS MERCHANDISER

- Free merchandiser unit supplied with this selection of driver bits
- Lockable merchandiser & storage areas

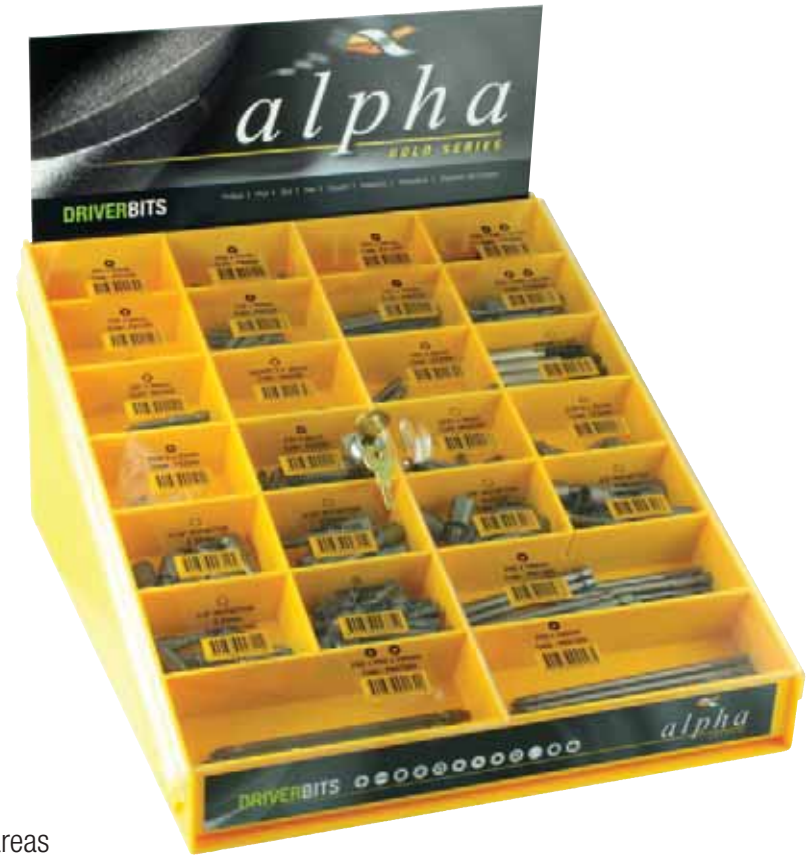
style
BIT MERCHANDISERS

feature
ALL BITS ARE MAGNETISED

Code	Description	Merchandiser qty
ALPHA SMALL DRIVER BITS MERCHANDISER		
PH125S	PH1 x 25mm	10
PH225S	PH2 x 25mm	30
PH250S	PH2 x 50mm	30
PH275S	PH2 x 75mm	20
PH2150S	PH2 x 150mm	10
PH265D	PH2 + PH2 x 65mm	20
SL625S	Slot No. 6 x 25mm	20
SQ250S	SQ2 x 50mm	10
HEX530S	Hex insert 5 x 30mm	20
PZ225S	Pozi 2 x 25mm	20
NS51665	5/16” Nutsetter x 65mm	20
NS3865	3/8” Nutsetter x 65mm	10
MBHC75	Magnetic bit holder x 75mm	10

SELECTION FOR DRYWALL INDUSTRY AVAILABLE

ALPHALARGEDRIVERBITS MERCHANDISER



- Free merchandiser unit supplied with this selection of driver bits
- Lockable merchandiser & storage areas

style
BIT MERCHANDISERS

feature
ALL BITS ARE MAGNETISED

	Code	Description	Merchandiser qty
	ALPHA LARGE DRIVER BITS MERCHANDISER		
	PH125S	PH1 x 25mm	10
	PH150S	PH1 x 50mm	10
	PH225S	PH2 x 25mm	30
	PH250S	PH2 x 50mm	30
	PH275S	PH2 x 75mm	30
	PH2100S	PH2 x 100mm	20
	PH2150S	PH2 x 150mm	10
	PH245D	PH2 + PH2 x 45mm	20
	PH265D	PH2 + PH2 x 65mm	20
	PH2150D	PH2 + PH2 x 150mm	10
	PH325S	PH3 x 25mm	10
	SL625S	SL6 x 25mm	20
	SQ150S	SQ1 x 50mm	10
	SQ250S	SQ2 x 50mm	10
	SQ350S	SQ3 x 50mm	10
	HEX530S	HEX 5 x 30mm	20
	PZ225S	P2 x 25mm	20
	PZ250S	P2 x 50mm	20
	ADP14-65	1/4” Adapter x 65mm	20
	NS1442	1/4” Nutsetter x 42mm	10
	NS51642	5/16” Nutsetter x 42mm	20
	NS51665	5/16” Nutsetter x 65mm	20
	NS3842	3/8” Nutsetter x 42mm	10
	NS3865	3/8” Nutsetter x 65mm	10
	MBHC75	Magnetic bit holder x 75mm	10

SELECTION FOR DRYWALL INDUSTRY AVAILABLE

DRIVERBITSCARDED

Phillips Driver Bits

Phillips Double Ended Driver Bits

Phillips Ribbed Driver Bits

Phillips Drywall Driver Bits

style

DRIVER BITS

feature

ALL BITS ARE MAGNETISED

Point size	Code	OAL mm	Description	Card qty
	PHILLIPS DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
PH1	CPH125S	25	Phillips #1 x 25mm - Carded (x2)	2/cd
PH1	CPH150S	50	Phillips #1 x 50mm - Carded	1/cd
PH2	CPH225S	25	Phillips #2 x 25mm - Carded (x2)	2/cd
PH2	CPH250S	50	Phillips #2 x 50mm - Carded	1/cd
PH2	CPH275S	75	Phillips #2 x 75mm - Carded	1/cd
PH2	CPH292S	92	Phillips #2 x 92mm - Carded	1/cd
PH2	CPH2100S	100	Phillips #2 x 100mm - Carded	1/cd
PH2	CPH2150S	150	Phillips #2 x 150mm - Carded	1/cd
PH3	CPH325S	25	Phillips #3 x 25mm - Carded (x2)	2/cd
PH3	CPH350S	50	Phillips #3 x 50mm - Carded	1/cd

Point size	Code	OAL mm	Description	Card qty
	PHILLIPS RIBBED DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
PH2	CPH225SR	25	Phillips #2 Ribbed x 25mm - Carded (x2)	2/cd
PH2	CPH250SR	50	Phillips #2 Ribbed x 50mm - Carded	1/cd
PH2	CPH275SR	75	Phillips #2 Ribbed x 75mm - Carded	1/cd
PH2	CPH2100SR	100	Phillips #2 Ribbed x 100mm - Carded	1/cd
PH2	CPH2150SR	150	Phillips #2 Ribbed x 150mm - Carded	1/cd

Point size	Code	OAL mm	Description	Card qty
	PHILLIPS DOUBLED ENDED DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
PH2	CPH245D	45	Phillips #2 Double Ended x 45mm - Carded	1/cd
PH2	CPH265D	65	Phillips #2 Double Ended x 65mm - Carded	1/cd
PH2	CPH2100D	100	Phillips #2 Double Ended x 100mm - Carded	1/cd
PH2+SL5	CPH2SL545D	45	Phillips #2 + Slot 5mm Double Ended x 45mm - Carded	1/cd

Point size	Code	OAL mm	Description	Card qty
	DRYWALL DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
PH2	CPH225DW	25	Phillips #2 Drywall Depth Gauge - Carded (x2)	2/cd

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alpha by Sterling

Pozi Driver Bits

Slot Driver Bits

Hex Driver Bits

style
DRIVER BITS

feature
ALL BITS ARE MAGNETISED

alpha

Point size	Code	OAL mm	Description	Card qty
	POZI DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
PZ1	CPZ125S	25	Pozi #1 x 25mm - Carded (x2)	2/cd
PZ2	CPZ225S	25	Pozi #2 x 25mm - Carded (x2)	2/cd
PZ3	CPZ325S	25	Pozi #3 x 25mm - Carded (x2)	2/cd
PZ1	CPZ150S	50	Pozi #1 x 50mm - Carded	1/cd
PZ2	CPZ250S	50	Pozi #2 x 50mm - Carded	1/cd
PZ3	CPZ350S	50	Pozi #3 x 50mm - Carded	1/cd
PZ2	CPZ2150S	150	Pozi #2 x 150mm - Carded	1/cd

Point size	Code	OAL mm	Description	Card qty
	POZI DOUBLE ENDED DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
PZ2	CPZ245D	45	Pozi #2 Double Ended x 45mm - Carded	1/cd

Point size	Code	OAL mm	Description	Card qty
	HEX DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
HEX5	CHEX525S	25	Hex 5mm x 25mm - Carded (x2)	2/cd
HEX5	CHEX550S	50	Hex 5mm x 50mm - Carded	1/cd

Point size	Code	OAL mm	Description	Card qty
	SLOT DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
SL3	CSL350S	50	Slot 3mm x 50mm - Carded	1/cd
SL4	CSL425S	25	Slot 4mm x 25mm - Carded (x2)	2/cd
SL4	CSL450S	50	Slot 4mm x 50mm - Carded	1/cd
SL5	CSL525S	25	Slot 5mm x 25mm - Carded (x2)	2/cd
SL5	CSL550S	50	Slot 5mm x 50mm - Carded	1/cd
SL6	CSL625S	25	Slot 6mm x 25mm - Carded (x2)	2/cd
SL6	CSL650S	50	Slot 6mm x 50mm - Carded	1/cd
SL8	CSL850S	50	Slot 8mm x 50mm - Carded	1/cd

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SQUAREDRIVERBITS CARDED

Phillips Square Driver Bits

MAGNETICNUTSETTER CARDED

Magnetic Nutsetters

style
DRIVER BITS

feature
ALL BITS ARE MAGNETISED

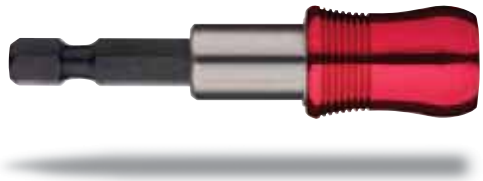
Point Size	Code	OAL mm	Description	Card qty
	SQUARE DRIVER BITS - CARDED FOR RETAIL MERCHANDISER			
SQ1	CSQ125S	25	Square #1 x 25mm - Carded (x2)	2/cd
SQ1	CSQ150S	50	Square #1 x 50mm - Carded	1/cd
SQ2	CSQ225S	25	Square #2 x 25mm - Carded (x2)	2/cd
SQ2	CSQ250S	50	Square #2 x 50mm - Carded	1/cd
SQ2	CSQ275S	75	Square #2 x 75mm - Carded	1/cd
SQ2	CSQ2100S	100	Square #2 x 100mm - Carded	1/cd
SQ2	CSQ2150S	150	Square #2 x 150mm - Carded	1/cd
SQ3	CSQ325S	25	Square #3 x 25mm - Carded (x2)	2/cd
SQ3	CSQ350S	50	Square #3 x 50mm - Carded	1/cd

Hex size	Code	OAL mm	Description	Card qty
	MAGNETIC NUTSETTERS - CARDED FOR RETAIL MERCHANDISER			
1/4	CNS1442	42	1/4" x 42mm Magnetic Nutsetter - Carded	1/cd
1/4	CNS1465	65	1/4" x 65mm Magnetic Nutsetter - Carded	1/cd
5/16	CNS51642	42	5/16" x 42mm Magnetic Nutsetter - Carded	1/cd
5/16	CNS51665	65	5/16" x 65mm Magnetic Nutsetter - Carded	1/cd
3/8	CNS3842	42	3/8" x 42mm Magnetic Nutsetter - Carded	1/cd
3/8	CNS3865	65	3/8" x 65mm Magnetic Nutsetter - Carded	1/cd

1/4" MAGNETIC BIT HOLDER CARDED

Carded for retail merchandiser

QUICK RELEASE PRO BIT HOLDER CARDED



Carded for retail merchandiser

measure standard

BIT HOLDER

feature

ALL BIT HOLDERS ARE MAGNETISED

Code	OAL mm	Description	Card qty
BIT HOLDER - CARDED FOR RETAIL MERCHANDISER			
CMBHC75	75	1/4" x 75mm 2 pce. Magnetic Bit Holder - Carded	1/cd

Code	OAL mm	Description	Card qty
QUICK RELEASE BIT HOLDER - CARDED FOR RETAIL MERCHANDISER			
CMBHQR65	65	1/4" x 65mm Quick Release Bit Holder - Carded	1/cd
CMBHQR150	150	1/4" x 150mm Quick Release Bit Holder - Carded	1/cd

CARDEDDRIVERBITSMERCHANDISER

Free merchandiser unit supplied with this selection of carded driver bits

style
DRIVER MERCHANDISER

feature
ALL BITS ARE MAGNETISED

Code	OAL mm	Description	Display qty
CARDED DRIVER BITS MERCHANDISER			
CPH125S	25	PH1	5
CPH150S	50	PH1	5
CPH225S	25	PH2	10
CPH250S	50	PH2	10
CPH275S	75	PH2	10
CPH2100S	100	PH2	10
CPH2150S	150	PH2	5
CPH325S	25	PH3	5
CPH350S	50	PH3	5
CPH245D	45	PH2	10
CPH265D	65	PH2	10
CPH2100D	100	PH2	10
CPH2SL545D	45	PH2 & SL5	10
CSL550S	50	SL5	5
CSL850S	50	SL8	5
CSQ225S	25	SQ2	10
CSQ250S	50	SQ2	5
CHEX525S	25	HEX5	10
CHEX550S	50	HEX5	5
CPZ225S	25	PZ2	10
CPZ250S	50	PZ2	10
CPZ350S	50	PZ3	5
CNS1442	42	1/4”	5
CNS1465	65	1/4”	5
CNS51642	42	5/16”	10
CNS51665	65	5/16”	10
CNS3842	42	3/8”	10
CNS3865	65	3/8”	5
CMBHC75	75	1/4”	5
CMBHQR65	65	1/4”	5

These parts have no connection with the proprieors of the registered trademarks. PHILLIPS and POZIDRIV are registered trademarks of the Phillips Screw Company.

DAMAGED SCREW & BOLT REMOVER

Removes Screw No. 6-10 and 12-14
Removes Bolt Sizes 5-14mm or 1/8"-5/16"

alpha by Sterling

Burnisher and Remover Grab-It **No. 2**

Burnisher and Remover Grab-It **No. 3**

style
SCREW REMOVER

feature
BURNISHER & REMOVER IN ONE

	Code	Description	Pack qty
	GRABIT		
	GRABIT	BOA Grabit Damaged Screw & Bolt Remover - 2 sizes in each pack	10

SUPPLIED IN PLASTIC CONTAINER

Removes screws and bolts cleanly from metal, wood or plastic

Made from hardened tool steel

Use both ends with reverse rotation at slowest speed possible

Fits most 1/4" bit holders

Can be used in quick-change chucks

Made in USA

Merchandiser of 10

DECIMAL EQUIVALENTS

METRIC / FRACTIONS / GAUGE / INCHES

alpha™

metric	fraction	gauge	inch
0.3			0.0118
0.32			0.0126
0.343		80	0.0135
0.35			0.0138
0.368		79	0.0145
0.38			0.015
0.397	1/64"		0.0156
0.4			0.0157
0.406		78	0.016
0.42			0.0165
0.45			0.0177
0.457		77	0.018
0.48			0.0189
0.5			0.0197
0.508		76	0.02
0.52			0.0205
0.533		75	0.021
0.55			0.0217
0.572		74	0.0225
0.58			0.0228
0.6			0.0236
0.61		73	0.024
0.62			0.0244
0.635		72	0.025
0.65			0.0256
0.66		71	0.026
0.68			0.0268
0.7			0.0276
0.711		70	0.028
0.72			0.0283
0.742		69	0.0292
0.75			0.0295
0.78			0.0307
0.787		68	0.031
0.794	1/32"		0.0312
0.8			0.0315
0.813		67	0.032
0.82			0.0323
0.838		66	0.033
0.85			0.0335
0.88			0.0346
0.889		65	0.035
0.9			0.0354
0.914		64	0.036
0.92			0.0362
0.94		63	0.037
0.95			0.0374
0.965		62	0.038
0.98			0.0386
0.99'		61	0.039
1			0.0394
1.016		60	0.04
1.041		59	0.041
1.05			0.0413
1.067		58	0.042
1.092		57	0.043
1.1			0.0433
1.15			0.0453
1.181		56	0.0465
1.191	3/64"		0.0469
1.2			0.0472
1.25			0.0492

metric	fraction	gauge	inch
1.3			0.0512
1.321		55	0.052
1.35			0.0531
1.397		54	0.055
1.4			0.0551
1.45			0.0571
1.5			0.0591
1.511		53	0.0595
1.55			0.061
1.588	1/16"		0.0625
1.6			0.063
1.613		52	0.0635
1.65			0.065
1.7			0.0669
1.702		51	0.067
1.75			0.0689
1.778		50	0.07
1.8			0.0709
1.85			0.0728
1.854		49	0.073
1.9			0.0748
1.93		48	0.076
1.95			0.0768
1.984	5/64"		0.0781
1.994		47	0.0785
2			0.0787
2.05			0.0807
2.057		46	0.081
2.083		45	0.082
2.1			0.0827
2.15			0.0846
2.184		44	0.086
2.2			0.0866
2.25			0.0886
2.61		43	0.089
2.3			0.0906
2.35			0.0925
2.375		42	0.0935
2.381	3/32"		0.0938
2.4			0.0945
2.438		41	0.096
2.45			0.0965
2.489		40	0.098
2.5			0.0984
2.527		39	0.0995
2.55			0.1004
2.578		38	0.1015
2.6			0.1024
2.642		37	0.104
2.65			0.1043
2.7			0.1063
2.705		36	0.1065
2.75			0.1083
2.778	7/64"		0.1094
2.794		35	0.11
2.8			0.1102
2.819		34	0.111
2.85			0.1122
2.87		33	0.113
2.9			0.1142
2.946		32	0.116
2.95			0.1161

metric	fraction	gauge	inch
3			0.1181
3.048		31	0.12
3.1			0.122
3.175	1/8"		0.125
3.2			0.126
3.25			0.128
3.264		30	0.1285
3.3			0.1299
3.4			0.1339
3.454		29	0.136
3.5			0.1378
3.569		28	0.1405
3.572	9/64"		0.1406
3.6			0.1417
3.658		27	0.144
3.7			0.1457
3.734		26	0.147
3.75			0.1476
3.797		25	0.1495
3.8			0.1496
3.861		24	0.152
3.9			0.1535
3.912		23	0.154
3.969	5/32"		0.1562
3.988		22	0.157
4			0.1575
4.039		21	0.159
4.089		20	0.161
4.1			0.1614
4.2			0.1654
4.216		19	0.166
4.25			0.1673
4.3			0.1693
4.305		18	0.1695
4.366	11/64"		0.1719
4394		17	0.173
4.4			0.1732
4,496		16	0.177
4.6			0.1772
4.572		15	0.18
4.6			0.1811
4.623		14	0.182
4.7		13	0.185
4.75			0.187
4.762	3/16"		0.1875
4.8		12	0.189
4.851		11	0.191
4.9			0.1929
4.915		10	0.1935
4.978		9	0.196
5			0.1969
5.055		8	0.199
5.1			0.2008
5.105		7	0.201
5.159	13/64"		0.2031
5.182		6	0.204
5.2			0.2047
5.22		5	0.2055
5.25			0.2067
5.3			0.2087
5.309		4	0.209
5.4			0.2126

metric	fraction	gauge	inch
5.41		3	0.213
5.5			0.2165
5.556	7/32"		0.2188
5.6			0.2205
5.613		2	0.221
5.7			0.2244
5.75			0.2264
5.791		1	0.228
5.8			0.2283
5.9			0.2323
5.944		A	0.234
5.953	15/64"		0.2344
6			0.2362
6.045		B	0.238
6.1			0.2402
6.147		C	0.242
6.2			0.2441
6.248		D	0.246
6.25			0.2461
6.3			0.248
6.35	1/4"	E	0.25
6.4			0.252
6.5			0.2559
6.528		F	0.257
6.6			0.2598
6.629		G	0.261
6.7			0.2638
6.747	17/64"		0.2656
6.75			0.2657
6.75		H	0.266
6.8			0.2677
6.9			0.2717
6.909		I	0.272
7			0.2756
7.036		J	0.277
7.1			0.2795
7.137		K	0.281
7.144	9/32"		0.2812
7.2			0.2835
7.25			0.2854
7.3			0.2874
7.366		L	0.29
7.4			0.2913
7.493		M	0.295
7.5			0.2953
7.541	19/64"		0.2969
7.6			0.2992
7.671		N	0.302
7.7			0.3031
7.75			0.3051
7.8			0.3071
7.9			0.311
7.938	5/16"		0.3125
8			0.315
8.026		O	0.316
8.1			0.3189
8.2			0.3228
8.204		P	0.323
8.25			0.3248
8.3			0.3268
8.334	21/64"		0.3281
8.4			0.3307

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METRIC / FRACTIONS / GAUGE / INCHES

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metric	fraction	gauge	inch
8.433		Q	0.332
8.5			0.3346
8.6			0.3386
8.611		R	0.339
8.7			0.3425
8.731	11/32"		0.3438
8.75			0.3445
8.8			0.3465
8.839		S	0.348
8.9			0.3504
9			0.3543
9.093		T	0.358
9.1			0.3583
9.128	23/64"		0.3594
9.2			0.3622
9.25			0.3642
9.3			0.3661
9.347		U	0.368
9.4			0.3701
9.5			0.374
9.525	3/8"		0.375
9.576		V	0.377
9.6			0.378
9.7			0.3819
9.75			0.3839
9.8			0.3858
9.804		W	0.386
9.9			0.3898
9.922	25/64"		0.3906
10			0.3937
10.084		X	0.397
10.1			0.3976
10.2			0.4016
10.25			0.4035
10.262		Y	0.404
10.3			0.4055
10.319	13/32"		0.4062
10.4			0.4094
10.49		Z	0.413
10.5			0.4134
10.6			0.4173
10.7			0.4213
10.716	27/64"		0.4219
10.75			0.4232
10.8			0.4252
10.9			0.4291
11			0.4331
11.1			0.437
11.112	7/16"		0.4375
11.2			0.4409
11.25			0.4429
11.3			0.4449
11.4			0.4488
11.5			0.4528
11.509	29/64"		0.4531
11.6			0.4567
11.7			0.4606
11.75			0.4626
11.8			0.4646
11.9			0.4685
11.906	15/32"		0.4688
12			0.4724

metric	fraction	gauge	inch
12.1			0.4764
12.2			0.4803
12.25			0.4823
12.3			0.4843
12.303	31/64"		0.4844
12.4			0.4882
12.5			0.4921
12.6			0.4961
12.7	1/2"		0.5
12.75			0.502
12.8			0.5039
12.9			0.5079
13			0.5118
13.097	33/64"		0.5156
13.1			0.5157
13.2			0.5197
13.25			0.5217
13.3			0.5236
13.4			0.5276
13.494	17/32"		0.5313
13.5			0.5315
13.6			0.5354
13.7			0.5394
13.75			0.5413
13.8			0.5433
13.891	35/64"		0.5469
13.9			0.5472
14			0.5512
14.25			0.561
14.288	9/16"		0.5625
14.5			0.5709
14.684	37/64"		0.5781
14.75			0.5807
15			0.5906
15.081	19/32"		0.5937
15.25			0.6004
15.478	39/64"		0.6094
15.5			0.6102
15.75			0.6201
15.875	5/8"		0.625
16			0.6299
16.25			0.6398
16.272	41/64"		0.6406
16.5			0.6496
16.669	21/32"		0.6563
16.75			0.6594
17			0.6693
17.066	43/64"		0.6719
17.25			0.6791
17.462	11/16"		0.6875
17.5			0.689
17.75			0.6988
17.859	45/64"		0.7031
18			0.7087
18.25			0.7185
18.256	23/32"		0.7187
18.5			0.7283
18.653	47/64"		0.7344
18.75			0.7382
19			0.748
19.05	3/4"		0.75
19.25			0.7579

metric	fraction	gauge	inch
19.447	49/64"		0.7656
19.5			0.7677
19.75			0.7776
19.844	25/32"		0.7813
20			0.7874
20.241	51/64"		0.7969
20.25			0.7972
20.5			0.8071
20.638	13/16"		0.8125
20.75			0.8169
21			0.8268
21.034	53/64"		0.8281
21.25			0.8366
21 .431	27/32"		0.8437
21.5			0.8465
21.75			0.8563
21.828	55/64"		0.8594
22			0.8661
22.225	7/8"		0.875
22.25			0.876
22.5			0.8858
22.622	57/64"		0.8906
22.75			0.8957
23			0.9055
23.019	29/32"		0.9063
23.25			0.9154
23.416	59/64"		0.9219
23.5			0.9252
23.75			0.935
23.812	15/16"		0.9375
24			0.9449
24.209	61/64"		0.9531
24.25			0.9547
24.5			0.9646
24.606	31/32"		0.9687
24.75			0.9744
25			0.9843
25.003	63/64"		0.9844
25.25			0.9941
25.4	1"		1
25.5			1.0039
25.75			1.0138
25.797	1-1/64"		1.0156
26			1.0236
26.194	1-1/32"		1.0313
26.25			1.0335
26.5			1.0433
26.591	1-3/64"		1.0469
26.75			1.0531
26.988	1-1/16"		1.0625
27			1.063
27.25			1.0728
27.384	1-5/64"		1.0781
27.5			1.0827
27.75			1.0925
27.781	1-3/32"		1.0937
28			1.1024
28.178	1-7/64"		1.1094
28.25			1.1122
28.5			1.122
28.575	1-1/8"		1.125
28.75			1.1319

metric	fraction	gauge	inch
28.972	1-9/64"		1.1406
29			1.1417
29.25			1.1516
29.369	1-5/32"		1.1563
29.5			1.1614
29.75			1.1713
29.766	1-11/64"		1.1719
30			1.1811
30.162	1-3/16"		1.1875
30.25			1.1909
30.5			1.2008
30.559	1-13/64"		1.2031
30.75			1.2106
30.956	1-7/32"		1.2187
31			1.2205
31.25			1.2303
31.353	1-15/64"		1.2344
31.5			1.2402
31.75	1-1/4"		1.25
32			1.2598
32.147	1-17/64"		1.2656
32.5			1.2795
32.544	1-9/32"		1.2813
32.941	1-19/64"		1.2969
33			1.2992
33.338	1-5/16"		1.3125
33.5			1.3189
33.734	1-21/64"		1.3281
34			1.3386
34.131	1-11/32"		1.3437
34.5			1.3583
34.528	1-23/64"		1.3594
34.925	1-3/8"		1.375
35			1.378
35.322	1-25/64"		1.3906
35.5			1.3976
35.719	1-13/32		1.4063
36			1.4173
36.116	1-27/64"		1.4219
36.5			1.437
36.512	1-7/16"		1.4375
36.909	1-29/64"		1.4531
37			1.4567
37.306	1-15/32"		1.4687
37.5			1.4764
37.703	1-31/64"		1.4844
38			1.4961
38.1	1-1/2"		1.5
38.497	1-33/64"		1.5156
38.5			1.5157
38.894	1-17/32"		1.5313
39			1.5354
39.291	1-35/64"		1.5469
39.5			1.5551
39.688	1-9/16"		1.5625
40			1.5748
40.084	1-37/64"		1.5781
40.481	1-19/32"		1.5937
40.5			1.5945
40.878	1-39/64"		1.6094

HOLESAW SPEEDS AND DRILLING PRACTICE

alpha

WORKING MATERIAL							
(mm)	(inch)	Mild Steel	Stainless Steel	Cast Iron	Brass	Aluminium	Wood
14	9/16	580	300	400	790	900	3000
16	5/8	550	275	365	730	825	3000
17	11/16	500	250	330	665	750	3000
19	3/4	460	230	300	600	690	3000
20	-	440	220	290	580	660	3000
21	-	425	210	280	560	635	3000
22	7/8	390	195	260	520	585	3000
24	-	360	180	240	480	540	2700
25	1	350	175	235	470	525	2700
27	1 1/16	325	160	215	435	480	2700
29	1 1/8	300	150	200	400	450	2700
30	1 3/16	285	145	190	380	425	2400
32	1 1/4	275	140	180	360	410	2400
33	1 5/16	260	135	175	345	390	2400
35	1 3/8	250	125	165	330	375	2400
37	1 7/16	240	120	160	315	360	2400
38	1 1/2	230	115	150	300	345	2400
40	1 9/16	220	110	145	290	330	2100
41	1 5/8	210	105	140	280	315	2100
43	1 11/16	205	100	135	270	305	2100
44	1 3/4	195	95	130	250	295	2100
45	-	190	100	135	270	305	2100
46	1 13/16	190	95	125	250	285	2100
48	1 7/8	180	90	120	240	270	2100
50	-	170	85	115	230	255	2000
51	2	170	85	115	230	255	2000
52	2 1/16	165	80	110	220	245	2000
54	2 1/8	160	80	105	210	240	2000
55	-	155	75	105	210	235	2000
57	2 1/4	150	75	100	200	225	2000
59	2 5/16	145	75	95	195	225	2000
60	2 3/8	140	70	90	190	220	2000
64	2 1/2	135	65	85	180	205	1800
65	2 9/16	130	65	85	175	200	1800

HOLESAW SPEEDS AND DRILLING PRACTICE

WORKING MATERIAL							
(mm)	(inch)	Mild Steel	Stainless Steel	Cast Iron	Brass	Aluminium	Wood
67	2 5/8	130	65	85	170	195	1800
68	-	130	65	85	170	195	1800
70	2 3/4	125	60	80	160	185	1800
73	2 7/8	120	60	75	160	180	1800
75	-	115	55	75	150	170	1500
76	3	115	55	70	150	170	1500
79	3 1/8	110	55	70	140	165	1500
83	3 1/4	105	50	65	140	155	1500
86	3 3/8	100	50	65	130	150	1500
89	3 1/2	95	45	60	130	145	1200
92	3 5/8	90	45	60	120	140	1200
95	3 3/4	90	45	60	120	135	1200
98	3 7/8	90	45	60	120	135	1200
100	-	85	40	55	110	120	1000
102	4	85	40	55	110	130	1000
104	4 1/8	80	40	55	110	120	1000
105	-	80	40	55	110	120	1000
108	4 1/4	80	40	55	110	120	1000
111	4 3/8	80	40	50	100	120	1000
114	4 1/2	75	35	50	100	105	1000
121	4 3/4	75	35	50	92	95	1000
127	5	65	30	45	90	90	1000
140	5 1/2	60	25	40	85	85	800
146	5 3/4	55	25	35	75	75	800
152	6	55	25	35	75	75	800

HSS TWIST DRILL SPEEDS

DRILLING PRACTICE

SPINDLE SPEED (RPM)

alpha™

WORKING MATERIAL									
Drill Dia. (mm)	Stainless Steel	Tool Steel	Cast Iron	Malleable Iron	Medium Carbon Steel	Free Cutting Steel	Alum. Brass Plastic	Wood	Feed per Revolution (mm./rev.)
CUTTING SPEED (metres per minute)									
	12	18	24	27	30	43	61	91	
SPINDLE SPEED RPM									
1	2445	3667	4889	5500	6112	8556	12223	18335	.05 to .15
2	1620	2445	3259	3667	4074	5704	8149	12223	
3	1222	1833	2445	2750	3056	4278	6112	9167	
4	978	1467	1956	2200	2445	3422	4889	7334	
5	815	1222	1630	1833	2037	2852	4074	6112	
6	654	982	1309	1473	1637	2292	3274	4911	.15 to .25
7	543	815	1086	1222	1358	1901	2716	4074	
8	489	733	978	1100	1222	1711	2445	3667	
9	448	672	896	1008	1120	1568	2241	3361	
10	407	611	815	917	1019	1426	2037	3056	
11	349	524	698	786	873	1222	1746	2619	.25 to .35
13	306	458	611	688	764	1070	1528	2292	
14	272	407	543	611	679	951	1358	2037	
16	244	367	489	550	611	856	1222	1833	
18	222	333	444	500	556	778	1111	1667	
19	204	306	407	458	509	713	1019	1528	.35 to .45
20	189	224	378	425	473	662	946	1419	
22	175	262	349	393	437	611	873	1310	
25	153	229	306	344	382	535	764	1146	
28	136	204	272	306	340	475	679	1019	
32	122	183	244	275	306	428	611	917	.45 to .55
35	111	167	222	250	278	389	556	833	
38	102	153	204	229	255	357	509	764	
41	94	141	188	212	235	329	470	705	
44	87	131	175	196	218	306	437	655	
47	81	122	163	183	204	285	407	611	.55 to .65
50	76	115	153	172	191	267	382	573	
57	68	102	136	153	170	238	340	509	
63	61	92	122	138	153	214	306	458	
70	56	83	111	125	139	194	278	417	
76	51	76	102	115	127	178	255	382	

DRILLING PRACTICE

The flute form, web thickness and split point of the standard Alpha drills are suitable for most materials producing fine chips.

For effective drilling, the rigidity of the drill and work piece are most important. The shorter the flute length the more rigid the drill. Long drills must be adequately supported to reduce vibration.

The following are important in drill use:

1 Clamp the work-piece securely
2 Select the correct speed and feed
3 Use an appropriate coolant or lubrication
4 Ensure the shank is securely held. Avoid using worn sockets or drill chucks as the drill may slip during use
5 Regrind the point or replace the drill before it dulls, do not force a worn drill
6 Deep hole drilling, withdraw frequently to clear the chips, deep holes start at 4 times diameter
7 Stainless steel, manganese and high tensile steels, it is recommended to use an automatic feed through out the drilling cycle. Do not allow the drill to dwell as it will cause work-hardening; use a slower speed and heavier feed on these materials

TAPPING SPEEDS

MATERIAL	Hardness Hb	Straight Flute M/Min	Through holes Spiral Point M/Min	Blind holes Spiral Flute M/Min	Fluteless M/Min
CARBON & ALLOY STEEL					
Mild Steel <120	12 – 24	15 – 28	12 – 24	20 – 40	-
Low/Medium Carbon Steel	<200	11 – 20	16 – 24	10 – 18	18 – 35
Higher Carbon Steel	<250	8 – 12	10 – 16	8 – 12	12 – 25
Low Alloy Engineering Steel	<250	6 – 10	8 – 12	6 – 10	8 – 16
Alloy Steel – Heat Treated	>300	-	3 – 9	3 – 5	-
Alloy Steel – Heat Treated	>350	3 – 7	2 – 5	-	-
STAINLESS STEEL					
Free Cutting (magnetic) Ferritic	<250	6 – 10	8 – 12	5 – 9	10 – 16
Austentic (non-magnetic)	<250	-	5 – 9	4 – 7	8 – 14
Martensic / Maraging Duplex Alloy	-	-	4 – 6	2 – 5	5 – 8
CAST IRON	-	-	-	-	-
Plain Grey Iron – Ferritic Malleable	<150	9 – 15	10 – 16	-	-
Plain SG Iron – Pearlitic Malleable	<250	6 – 12	5 – 9	-	-
Alloy SG Iron NiHard	>250	3 – 5	4 – 8	-	-
ALUMINIUM					
Wrought (soft) & Extruded	<150	15 – 25	25 – 35b	18 – 30	30 – 50
Wrought & Treated	>150	12 – 20	20 – 35b	16 – 25	25 – 40
Cast Low Silicon 5%	<150	10 – 15	15 – 22b	12 – 18	20 – 30
Cast High Silicon 10%	>150	8 – 12	10 – 18b	8 – 16	
COPPER					
Pure Copper <100	6 – 12	-	9 – 15	14 – 20	-
Alpha Brass (soft yellow)	<200	24 – 30	-	-	20 – 30
Beta Brass >200	18 – 24	-	-	-	-
High Tensile Bronze	<350	8 – 16	9 – 18b	8 – 16	-
NICKEL					
Pure Nickel <300	5 – 9	7 – 11	5 – 8	15 – 22	-
Nickel, Nimonic 75 Hasteloy Alloys	>300	-	3 – 7	-	-
Nickel, Inconel 718 Alloy	-	-	1 – 4	-	-
TITANIUM					
Pure Titanium <200	6 – 12	8 – 10	5 – 8	10 – 15	-
Titanium Alloys >300	-	3 – 6	3 – 6	6 – 12	-

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