

**Standall**<sup>®</sup>

traditional quality | future assurance

ELECTRIC HAMMER DRILLING ACCESSORIES

[www.standall.com](http://www.standall.com)

# Welcome to **Standall**...

## Over 70 years of History



In 1938 the brothers Joe and George Hall set up a small forging operation under the name of Standall, on the site of an old mine at Mickley Lane near Sheffield, supplying drill bits and small forging machines for both home and export markets.

The Second World War brought significant changes to Standall as, due to MOD requirements, it diversified its manufacturing operation to include a new product; forged Anchor Spikes. These were used for securing towlines to extract bogged down tanks and fighting vehicles, more especially in the western desert. These products are still being supplied today.

During the 1950s Standall developed a range of contractors' tools, which were sold both nationally and internationally. A reputation for quality of product and service was born. The small forgings machine operation was subsequently phased out to concentrate on this new product range.

In 1987 the construction tools and soft rock mining business of Edgar Allen Mining Products was acquired and integrated into Standall's existing forging operations. That acquisition added a sizable machine shop facility enabling Standall to enter the rapidly expanding market of power tool accessories for hand-held electrically powered hammers.

The closure of the majority of the British underground mining activity signalled a dramatic reduction in the soft rock products, but this coincided with a substantial increase in international sales of pneumatic tools, together with increased sales of a wider range of electric and hydraulic excavator-mounted demolition tools. Once again, the company showed the ability to adapt dynamically to the changing circumstances of the market place.

Throughout its 70 year history Standall has only changed ownership twice; once in 1978 when the Hall brothers retired, and again in 2000 when the current owners took up the challenge of maintaining Standall's 'family business' reputation of traditional quality whilst earning a new reputation for flexibility and innovation enabling Standall to compete in a progressive world.

Partly because of this family business atmosphere, the company has benefited from many long service employees. It is their loyalty and wealth of experience that has significantly contributed to the success of the company and has underpinned the quality and flexibility of its operations.

During September 1992, Standall achieved the quality standard accreditations to BS 5750 and ISO 9002. Over the years we have updated our systems as the international standards have changed and we are currently accredited to BS EN ISO 9001:2000.

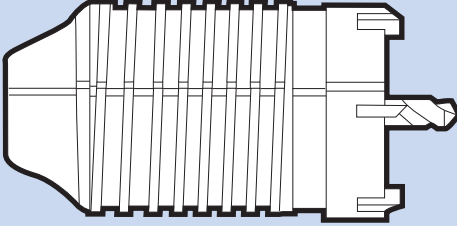
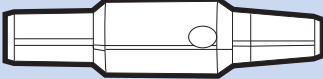


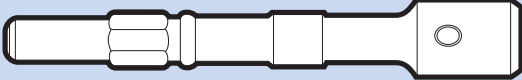





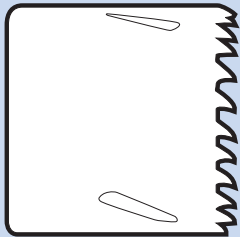


The company maintains vigilance towards market developments and preferences. Whilst aware of Health and Safety issues in the construction industry Standall undertook in 2002 an innovative project by developing a patented SVR™ (Standall Vibration Reduction) system that helps to reduce Hand Arm Vibration (HAV) to the user. This system was subsequently added to the product range.

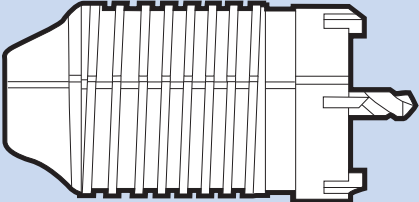
Standall is currently overcoming new challenges with increased investment in production equipment, technology and implementation of modern techniques that further improve customer service. New materials and products are being sourced and introduced, as the company continues in its endeavours to supply a higher quality product, delivered on time and at a price that gives exceptional value for money.



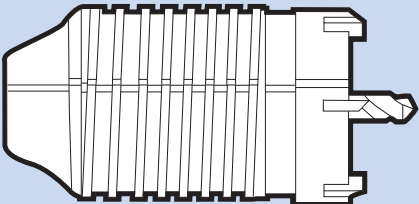
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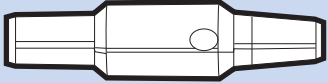
## Heavy Duty Tungsten Carbide Core Shell Complete With 120mm Adaptor, Drift and 11mm Dia Pilot Drill

	Bit Dia	Order Number	Bit Dia	Standall Part Number
	30	3301	76	3308
	35	3302	80	3309
	40	3303	90	3310
	45	3304	100	3311
	50	3305	115	3313
	55	3306	125	3312
	60	3306A	150	3315
	65	3307		

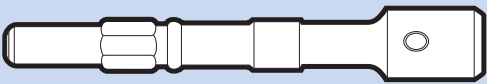
## Heavy Duty Tungsten Carbide Core Shell Only

	Bit Dia	Order Number	Bit Dia	Standall Part Number
	30	3321	76	3328
	35	3322	80	3329
	40	3323	90	3330
	45	3324	100	3331
	50	3325	115	3333
	55	3326	125	3332
	60	3326A	150	3335
	65	3327		


## Core Drill Adaptors

	Length o/a	Standall Part Number		
	120	4530		
	250	4531		
	400	4532		


## Shank Adaptor to K taper

	Length o/a	Standall Part Number		
	Bosch	Spline Drive	3102	
	Kango	950 /978 /750	3109	
	SDS	Plus All	3291	
	SDS Max	All	5612	

## Integral Shank for Core Drills

	Length o/a	Shank Type	Standall Part Number
	250	SDS Max	4545
	400	SDS Max	4546
	310	Kango 950	4514
	450	Kango 950	4515
	180	Bosch Spline	4516*
	250	Bosch Spline	4517*
	400	Bosch Spline	4518*
	120	1/2" Hex	4519*
	250	1/2" Hex	4520*
	400	1/2" Hex	4521*


## Extension Rods for Core Drills

	Length o/a	Standall Part Number
	250mm K Taper	4502
	400mm K Taper	4505


## Pilot Drill & Drift Keys for Core Drill Components

	Length o/a	Standall Part Number
Drift Key		4503
11mmx125mm Pilot Drill		3338


# SDS Plus Spiral Drills (single chisel)

	Dia mm	Overall Length	Working Length	Standall Part No	Dia mm	Overall Length	Working Length	Standall Part No
	4	160	100	3224	14	160	100	3256
	5	110	50	3225	14	210	150	3257
	5	160	100	3512	14	260	200	3258
	5	210	150	3223	14	310	250	3259
	5.5	110	50	3227	14	450	400	3260
	5.5	160	100	3228	14	600	550	3261
	5.5	210	150	3288	14	1000	950	6374
	5.5	260	200	3281	15	160	110	3262
	6	110	50	3229	15	200	140	3222
	6	160	100	3230	15	250	200	3263
	6.5	110	50	3231	15	450	400	3264
	6.5	160	100	3232	16	160	160	6387
	6.5	210	150	6320	16	210	160	6389
	6.5	260	200	6322	16	250	200	3265
	7	110	50	3233	16	300	250	3266
	7	160	100	3234	16	450	400	3267
	7	210	150	3289	16	600	550	3268
	8	110	50	3235	16	800	750	3269
	8	160	100	3236	16	1000	950	6384
	8	210	150	3237	17	200	150	3270
	8	260	200	3238	18	200	150	6390
	8	450	400	6330	18	250	200	3271
	9	160	100	3218	19	200	150	3273
	9	210	150	3239	19	450	400	3274
	10	110	50	3240	20	200	150	3275
	10	160	100	3241	20	300	250	3276
	10	210	150	3242	20	450	400	3277
	10	260	200	3243	20	600	550	3280
	10	310	250	6340	20	1000	950	6409
	10	360	300	3244	22	250	200	3278
	10	450	400	3245	22	450	400	3279
	10	600	550	6343	22	600	550	6318
	10	1000	950	6344	22	1000	950	3294
	11	160	100	3246	23	250	200	3295
	11	210	150	3221	23	450	400	3296
	11	260	200	3220	24	250	200	3282
	11	310	260	3247	24	450	400	3283
	12	160	100	3248	25	250	200	3284
	12	210	150	3249	25	450	400	3285
	12	260	200	6354	25	600	550	3297
12	310	250	3250	25	1000	950	3294	
12	450	400	3251	26	250	200	3299	
12	600	550	3252	26	450	400	3287	
12	1000	950	6359	26	600	550	3217	
13	160	100	3253	28	450	400	3292	
13	210	160	6361	30	450	400	3293	
13	250	200	6362					
13	310	250	3254					
13	450	400	3255					

# SDS Max Spiral Drills (manufactured under license from Bosch)


	Dia mm	Overall Length	Working Length	Description	Standall Part Number
	12	340	200	Single Chisel	MX12x340
	12	540	400	Single Chisel	Mx12x540
	12	690	550	Single Chisel	MX12X690*
	14	340	200	Single Chisel	MX14X340
	14	540	400	Single Chisel	MX14X540
	15	340	200	Single Chisel	MX15X340
	15	540	400	Single Chisel	MX15X540
	16	340	200	Cross Head	MX16X340
	16	540	400	Cross Head	MX16X540
	18	340	200	Cross Head	MX18X340
	18	540	400	Cross Head	MX18X540
	20	1320	1200	Single Chisel	MX20X1320*
	20	320	200	Cross Head	MX20X320*
	20	520	400	Cross Head	MX20X520
	20	920	800	Cross Head	MX20X920
	22	1320	1200	Single Chisel	MX22X1320*
	22	320	200 a	Cross Head	MX22X320*
	22	520	400	Cross Head	MX22X520
	22	920	800	Cross Head	MX22X920
	24	320	200	Cross Head	MX24X320
	24	520	400	Cross Head	MX24X520
	25	1320	1200	Single Chisel	MX25X1320*
	25	320	200	Cross Head	MX25X320
	25	520	400	Cross Head	MX25X520
	25	920	800	Cross Head	MX25X920
	26	520	400	Cross Head	MX26X520
	28	370	250	Cross Head	MX28X370
	28	570	450	Cross Head	MX28X570
	28	670	550	Cross Head	MX28X670*
	30	370	250	Cross Head	MX30X370
	30	570	450	Cross Head	MX30X570
	32	1320	1200	Single Chisel	MX32X1320*
	32	370	250	Cross Head	MX32X370
	32	570	450	Cross Head	MX32X570
32	920	800	Cross Head	MX32X920	
35	370	250	Cross Head	MX35X370*	
35	570	450	Cross Head	MX35X570	
35	670	550	Cross Head	MX35X670*	
37	570	450	Cross Head	MX37X570*	
37	920	800	Cross Head	MX37X920*	
38	370	250	Cross Head	MX38X370*	
38	570	450	Cross Head	MX38X570	
40	370	250	Cross Head	MX40X370*	
40	570	450	Cross Head	MX40X570	
40	920	800	Cross Head	MX40X920	
45	570	450	Cross Head	MX45X570*	
52	570	450	Cross Head	MX52X570*	

# Rotary Impact Masonry Drills Din 8035

	Ref	Dia mm	Length mm	Order Number	Ref	Dia mm	Length mm	Standall Part No
 <p>Masonry Drills are individually walletted</p>	6	4	75	0302	20E	10	200	0322
	8	5	85	0305	20L	10	300	0323
	8M	5	150	0306	20EL	10	400	0324
	10	5.5	100	0307	22	11	150	0325
	10M	5.5	150	0308	23	12	150	0327
	11	6	100	0309	23L	12	300	0328
	11M	6	150	0310	20EL	12	400	0329
	12	6.5	100	0311	24	13	150	0330
	12M	6.5	150	0312	24L	13	300	0331
	14	7	100	0314	24EL	13	400	0332
	14M	7	150	0315	25	14	150	0333
	16	8	120	0316	26	16	150	0338
	16E	8	200	0317	26L	16	300	0339
	16L	8	300	0318	26EL	16	400	0340
	18	9	120	0319	27	18	150	0341
	20	10	120	0321	28	20	160	0344

## HSS Twist Drills Metric Size


## HSS Twist Drills Imperial Size

	Bit Dia mm	Bulk Pack Quantity	Bulk Pack Order Number	Single Unit Wallet	Single Pack Part Number	Bit Dia Inches	Bulk Pack Quantity	Bulk Pack Order Number	Single Unit Wallet	Single Pack Part Number
 <p>Din 338 Standard Type Roll Forged</p> <p>H S S Jobber Drills Bulk packed are supplied in paper wallets and individual packed products are in plastic wallets</p>	1.00	10	1510	1	—	1/16	10	1058	1	1019
	1.50	10	1040	1	1001	5/64	10	1059	1	1020
	2.00	10	1041	1	1002	3/32	10	1060	1	1021
	2.50	10	1042	1	1003	7/64	10	1061	1	1022
	3.00	10	1043	1	1004	1/8	10	1062	1	1023
	3.50	10	1044	1	1005	9/64	10	1063	1	1024
	4.00	10	1045	1	1006	5/32	10	1064	1	1025
	4.50	10	1046	1	1007	11/64	10	1065	1	1026
	5.00	10	1047	1	1008	3/16	10	1066	1	1027
	5.50	10	1048	1	1009	13/64	10	1067	1	1028
	6.00	10	1049	1	1010	7/32	10	1068	1	1029
	6.50	10	1050	1	1011	15/64	10	1069	1	1030
	7.00	10	1051	1	1012	1/4	10	1070	1	1031
	7.50	10	1052	1	1013	17/64	10	1071	1	1032
	8.00	10	1053	1	1014	9/32	10	1072	1	1033
	8.50	10	1054	1	1015	19/64	10	1073	1	1034
	9.00	10	1055	1	1016	5/16	10	1074	1	1035
	9.50	10	1056	1	1017	21/64	10	1075	1	1036
	10.00	10	1057	1	1018	11/32	10	1076	1	1037
	10.50	5	1520	1	1540	23/64	10	1077	1	1038
	11.00	5	1521	1	1541	3/8	10	1078	1	1039
	11.50	5	1522	1	1542	25/64	5	1079	1	1529
	12.00	5	1523	1	1543	13/32	5	1080	1	1530
	12.50	5	1524	1	1544	27/64	5	1081	1	1532
	13.00	5	1525	1	1546	7/16	5	1082	1	1533
						29/64	5	1083	1	1534
						15/32	5	1084	1	1535
						31/64	5	1085	1	1536
						1/2	5	1086	1	1539


## Wood Auger Drill Bits Hex Shank

	Bit Dia mm	Flute Length mm	Overall Length	Shank Type & Size	Standall Part Number
	6	150	230	7mm Hex	6713
	8	150	230	7mm Hex	6714
	10	150	230	7mm Hex	6715
	12	150	230	7mm Hex	6716
	14	150	230	9mm Hex	6717
	16	150	230	9mm Hex	6718
	18	150	230	9mm Hex	6746
	19	150	230	9mm Hex	6747
	20	150	230	11mm Hex	6719
	22	150	230	11mm Hex	6720
	24	150	230	11mm Hex	6725
	25	150	230	11mm Hex	6721
	26	150	230	11mm Hex	6726
	28	150	230	11mm Hex	6722
	30	150	230	11mm Hex	6724
32	150	230	11mm Hex	6723	

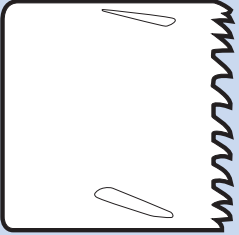
## Wood Auger Drill Bits SDS Plus Shank

	Bit Dia mm	Flute Length mm	Overall Length	Shank Type & Size	Standall Part Number
	6	125	205	SDS Plus	6750
	8	125	205	SDS Plus	6751
	10	125	205	SDS Plus	6752
	12	125	205	SDS Plus	6753
	16	125	205	SDS Plus	6755
	18	125	205	SDS Plus	6754
	19	125	205	SDS Plus	6754A
	20	125	205	SDS Plus	6756
	22	125	205	SDS Plus	6757
	25	125	205	SDS Plus	6758
	32	125	205	SDS Plus	6759

## Flat Wood Bits

	Bit Dia mm	Wallet Pack Qty	Standall Part Number	Bit Dia mm	Wallet Pack Qty	Standall Part Number
	6	1	1401	22	1	1411
	8	1	1402	24	1	1412
	10	1	1403	25	1	1413
	12	1	1404	26	1	1414
	13	1	1405	28	1	1415
	14	1	1406	30	1	1416
	16	1	1407	32	1	1417
	18	1	1408	35	1	1419
	19	1	1409	38	1	1421
	20	1	1410			

# Bi-Metal Hole Saws

	Description	Use Abour Number	Order Number	Description	Use Abour Number	Standall Part Number
	14mm Dia	A1	HS014C	60mm Dia	A2	HS060C
	16mm Dia	A1	HS016C	64mm Dia	A2	HS064C
	17mm Dia	A1	HS017C	65mm Dia	A2	HS065C
	19mm Dia	A1	HS019C	67mm Dia	A2	HS067C
	20mm Dia	A1	HS020C	70mm Dia	A2	HS070C
	21mm Dia	A1	HS021C	73mm Dia	A2	HS073C
	22mm Dia	A1	HS022C	76mm Dia	A2	HS076C
	24mm Dia	A1	HS024C	79mm Dia	A2	HS079C
	25mm Dia	A1	HS025C	83mm Dia	A2	HS083C
	27mm Dia	A1	HS027C	86mm Dia	A2	HS086C
	29mm Dia	A1	HS029C	89mm Dia	A2	HS089C
	30mm Dia	A1	HS030C	92mm Dia	A2	HS092C
	32mm Dia	A2	HS032C	95mm Dia	A2	HS095C
	33mm Dia	A2	HS033C	98mm Dia	A2	HS098C
	35mm Dia	A2	HS035C	102mm Dia	A2	HS102C
	37mm Dia	A2	HS037C	105mm Dia	A2	HS105C
	38mm Dia	A2	HS038C	108mm Dia	A2	HS108C
	40mm Dia	A2	HS040C	111mm Dia	A2	HS111C
	41mm Dia	A2	HS041C	114mm Dia	A2	HS114C
	43mm Dia	A2	HS043C	121mm Dia	A2	HS121C
	44mm Dia	A2	HS044C	127mm Dia	A2	HS127C
	46mm Dia	A2	HS046C	140mm Dia	A2	HS140C
	48mm Dia	A2	HS048C	146mm Dia	A2	HS146C
	51mm Dia	A2	HS051C	152mm Dia	A2	HS152C
	52mm Dia	A2	HS052C	Hole Saw Arbor		A1C
	54mm Dia	A2	HS054C	14-30mm A1		
	57mm Dia	A2	HS057C	Hole Saw Arbor		A2C
	59mm Dia	A2	HS059C	32-152mm A2		
				Pilot Drill P1		P1

# information

## 1 PRODUCT GUARANTEE

All our products are fully guaranteed against defects in the steel and manufacture. In the event of premature failure we undertake to provide replacements or appropriate credit, subject to the following conditions:

- (a) We, the manufacturers, are notified within 3 days of discovery of failure. Breakages which have been accumulated over an extended period of time and which have not been reported will not be considered.
- (b) The broken parts must be returned to the company or made available for inspection at the company's discretion.
- (c) The products have not been subjected to unreasonable use or to abuse. The original heat treatment has not been interfered with.
- (d) The company will in no circumstances be liable for incidental or consequential damages for loss of use, revenue or profit.

## 2. IDENTIFICATION OF MANUFACTURER

Problems frequently occur in identifying broken tools returned by an end user. All our tools are identified:

- 333 – for product made from steel DIN 1.1620
- 303 – for product made from steel DIN 1.2249
- 311 – for product made from another specification

The product is also marked with a date code signifying year and month of manufacture:

Our Warehouse staff are instructed to search for the above identification marks before accepting a broken tool for replacement. We do not accept someone else's problem!

## 3 USER GUIDE

Percussive tools are subjected to severe stresses during service. Our products are made to the highest standards of quality control for long service on tough applications: and consequently very few breakages of tools occur due to a defect in the steel or manufacture

A tool with a defect is likely to fail immediately due to the severe stresses. A tool which breaks after prolonged service, as evidenced by a well worn shank and tip, is not likely to have been defective but will have failed due to material fatigue after excessive heavy use.

### 3.1 MISUSE

As much as 90% of all breakage claims arise from incorrect use of the tool or operator misuse. Standall assumes no liability for misuse. Shown here are some of the most frequently encountered examples of incorrect use.

#### (a) Mushrooming

Insufficient contact or pressure between the tool and the work surface results in 'mushrooming' as the steel is allowed to "ride" on the work surface and becomes red hot and melts – hence the 'mushrooming' effect.

Also, the underside of the collar of the steel may come into contact with the retainer of the breaker steel – this causes damage. The steel will either break below the collar or can become detached. This could cause serious injury.

#### (b) Leverage

The tool must not be used as a lever to break away material. It should only be used to clear material from the broken surface. Breakage below the collar or of the body of the steel may result.

#### (c) File Marks

Some end users try and identify 'their' breaker steels by fixing or cutting an identification mark on the steel collar, shank or on the body of the tool. This is a dangerous practice as it disrupts the protective hardened shell of the tool and is likely to lead to a fatigue breakage.

#### (d) Frost damage

Steels left on open ground during periods of frost may suffer damage by becoming brittle and then fracture. It is important that steels are stored in a protected dry place during very cold periods, particularly at night. Exposure to frost causes minute shrinkage of the steel that creates which can be eliminated by bringing the steel gradually up to room temperature.

### 3.2 PERSONAL PROTECTION

#### (a) Eye protection

When using percussive steels it is essential that correct safety glasses or goggles are used at all times.

#### (b) Ear protection

It is essential that correct ear protection is used at all times which can be either ear plugs or mufflers dependant on the decibel level.

#### (c) Protective clothing

Safety boots and suitable clothing should be worn at all times.

#### (d) Re-forged steels

If steels have been re-forged to extend their working life, it is essential that the correct heat treatment processes have been implemented. Failure to do so will lead to accelerated wear or premature failure that may result in personal injury.

#### Remember:

There is a serious risk to health safety to use percussive tools in blunt and worn condition. It is the users responsibility to ensure tools are kept in a safe and workable condition.

#### Terms & Conditions

Terms & Conditions are available on request or download as a PDF from our website at [www.standall.com](http://www.standall.com)

Standall percussive steels are only intended and suitable for use in machines equipped with matching tool bushes

Other brochures available from Standall Tools Ltd



ELECTRIC HAMMER  
PERCUSSIVE STEELS



PERCUSSIVE ROCK  
DRILLING &  
EXCAVATOR MOUNTED  
BREAKER STEELS



PNEUMATIC TOOLS  
ACCESSORIES

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