



563





# DRILL BITS

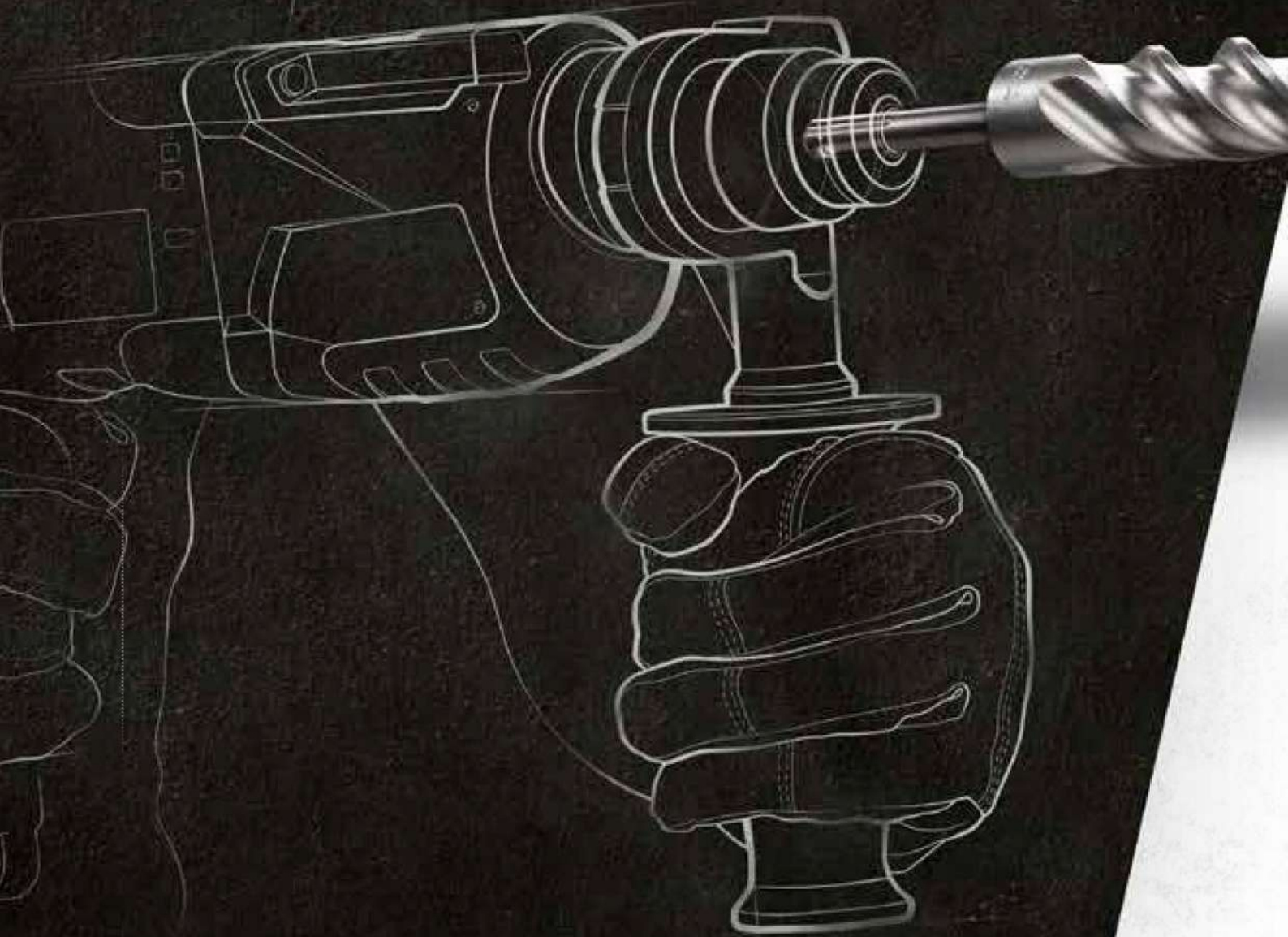
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**563**  
PRODUCTS

More information:







# **A GROUND-BREAKING SOLUTION FOR EVERY APPLICATION**



***SDS-PLUS AND SDS-MAX DRILL BITS WITH  
CARBIDE SELF-CENTRING SPLIT POINT***



***HEAT-TREATED AND TEMPERED  
WOOD DRILL BITS FOR LONG LIFE***



***HSS-E METAL DRILL BITS  
WITH 5% COBALT FOR HIGH DURABILITY***

563

More information:





# FULL OF POWER

**Bahco provides a wide range of professional, high-quality drills bits for use in most applications, and in almost any conditions.**

## SDS DRILL BITS FOR REINFORCED CONCRETE

When you need ultimate power our SDS-Plus and SDS-Max drill bits are up to the job. The carbide head ensures a long lifetime, while the self-centring tip provides you with optimum guidance and control when drilling, even in reinforced concrete.

## DRILL BITS FOR WOOD

We offer a wide selection of drill bits for wood to fit every need. Crafted from heat-treated and tempered high-carbon steel, our range of drill bits for wood feature a positive cutting angle for faster drilling and aggressive chip extraction.

## 5% COBALT HSS-E DRILL BITS FOR METAL

Our professional HSS-E drill bits are manufactured with a 5% cobalt content for increased heat resistance and cutting performance. The top angle of 135° with self-centring split-point tip ensures quick drilling and perfect centring. With the innovative Speed Point, you don't need to pre-punch or use a pilot drill.

# FULL SUPPORT

## SDS DRILL BITS FOR REINFORCED CONCRETE



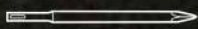
### SDS-PLUS AND SDS-MAX DRILL BITS

The strong carbide head ensures a long lifetime, even in reinforced concrete.



### MASONRY DRILL BITS

The carbide tip makes this drill suitable for rotary drilling in concrete, lightweight concrete, brick, stone, hollow block, ceramics, marble etc.



### SDS-PLUS AND SDS-MAX CHISELS

Need even more power? Choose one of the 18 SDS-Plus or SDS-Max chisels for extreme demolition work!

## DRILL BITS FOR WOOD



### AUGER DRILL BITS

Used to drill a high-precision splinter-free hole in all kinds of grained timber. The full screw tip generates a pull, making drilling easier with less manual power.



### FLAT DRILL BITS

These bits are ideal for fast, effective drilling in all grains, in soft and hardwood end-grained timber.



### TWIST DRILL BITS

Recommended for drilling in solid wood, chip-board and wooden fibre boards.

## 5% COBALT HSS-E DRILL BITS FOR METAL



### HSS-E COBALT DRILL BITS

The 135° self-centring split-point tip ensures quick drilling, perfect centring and less drilling pressure. Manufactured with 5% cobalt!



### HSS DRILL BITS

High-Speed Steel drills are suitable for drilling holes in brass, bronze, carbon steel, cast iron, steel alloys and stainless steel.



### STEP DRILLS

Designed for drilling thinner metal sheet, the Bahco step drills with their titanium-nitride surface last four to five times longer than ordinary step drills.



<b>DRILL BITS FOR REINFORCED CONCRETE</b>	<b>Concrete Drills</b>  3-25 mm   60-600 mm	✓	✓							
	<b>SDS-Plus Concrete</b>  4-26 mm   110-1000 mm	✓	✓							
	<b>SDS-Plus Reinforced Concrete</b>  5-32 mm   110-1000 mm	✓	✓	✓						
	<b>SDS-Max Reinforced Concrete</b>  12-52 mm   340-1320 mm	✓	✓	✓						
	<b>SDS-Plus Chisels</b>  20-60 mm   200-250 mm	✓	✓	✓						
	<b>SDS-Max Chisels</b>  24-115 mm   240-600 mm	✓	✓	✓						
<b>DRILL BITS FOR WOOD</b>	<b>Twist Drills</b>  3-20 mm   61-250 mm				✓	✓				
	<b>Flat Bit Drills</b>  6-40 mm   152-400 mm				✓	✓				
	<b>Auger Bit Drills</b>  6-32 mm   230-460 mm				✓	✓				
<b>DRILL BITS FOR METAL</b>	<b>HSS-R</b>  1-13 mm   34-151 mm					✓	✓	✓		
	<b>HSS-G</b>  1-20 mm   34-205 mm					✓	✓	✓		✓
	<b>HSS-E Cobalt</b>  0,5-20 mm   22-205 mm					✓	✓	✓	✓	✓
	<b>Step Drill Bits</b>  4-40,5 mm   76-100 mm						✓			

# DRILL BITS FOR REINFORCED CONCRETE



217 PRODUCTS



**SDS-MAX DRILLS FOR  
REINFORCED CONCRETE**



**UNRIVALLED POWER!**

LONG LIFETIME,  
HIGH-PERFORMANCE  
HAMMER DRILL BIT

HIGH RESISTANCE TO WEAR  
AND TORSION STRESSES

CANAL FLUTE FOR EFFECTIVE  
DUST REMOVAL

AGGRESSIVE SOLID  
CARBIDE HEAD

SELF-CENTRING  
SPLIT POINT

## SDS-PLUS DRILLS FOR CONCRETE



SELF-CENTRING  
SPLIT POINT

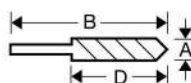
## CONCRETE DRILLS FOR MASONRY



CARBIDE HEAD

4656

## SDS MAX DRILLS FOR REINFORCED CONCRETE



### FEATURES:

- Use/Application: Masonry, Reinforced Concrete, Natural Stone and Artificial Stone
- Specially designed head geometry for better centre drilling, faster drilling progress and precision drilling
- Canal flute provides effective dust removal for increased endurance and reduced heat friction
- To withstand wear the drills are made of high-alloy steel produced with optimised hardening temperatures
- Immediate centring tip, prevents skidding on smooth surfaces
- Specially designed cutting head with 4-cutting edges to enable better precision-drilling in reinforced concrete
- Optimised 4x90° symmetry makes all four carbide cutting edges work evenly and simultaneously
- Fits directly into all hammer drilling machines with SDS max holders

### ASSORTMENT:

				A	B	D
4656-12-340	7314150386932	1	1	12	340	200
4656-12-540	7314150387021	1	1	12	540	400
4656-12-690	7314150387045	1	1	12	690	550
4656-14-340	7314150387069	1	1	14	340	200
4656-14-540	7314150387076	1	1	14	540	400
4656-15-340	7314150387083	1	1	15	340	200
4656-15-540	7314150387090	1	1	15	540	400
4656-16-340	7314150387106	1	1	16	340	200

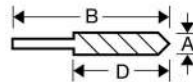
				A	B	D
4656-16-540	7314150387113	1	1	16	540	400
4656-16-940	7314150387120	1	1	16	940	800
4656-16-1320	7314150387137	1	1	16	1320	1180
4656-18-340	7314150387144	1	1	18	340	200
4656-18-540	7314150387151	1	1	18	540	400
4656-18-940	7314150387168	1	1	18	940	800
4656-18-1320	7314150387175	1	1	18	1320	1180
4656-20-320	7314150387182	1	1	20	320	200

				A	B	D
4656-20-520	7314150387199	1	1	20	520	400
4656-20-920	7314150387205	1	1	20	920	800
4656-20-1320	7314150387212	1	1	20	1320	1180
4656-22-320	7314150387229	1	1	22	320	200
4656-22-520	7314150387236	1	1	22	520	400
4656-22-920	7314150387243	1	1	22	920	800
4656-22-1320	7314150387250	1	1	22	1320	1200
4656-24-320	7314150387267	1	1	24	320	200
4656-24-520	7314150387274	1	1	24	520	400
4656-25-320	7314150387281	1	1	25	320	200
4656-25-520	7314150387298	1	1	25	520	400
4656-25-920	7314150387304	1	1	25	920	800
4656-25-1320	7314150387311	1	1	25	1320	1200
4656-26-520	7314150387328	1	1	26	520	400
4656-28-370	7314150387434	1	1	28	370	250
4656-28-570	7314150387458	1	1	28	570	450
4656-28-670	7314150387489	1	1	28	670	550
4656-28-920	7314150387526	1	1	28	920	800
4656-30-370	7314150387540	1	1	30	370	250
4656-30-570	7314150387571	1	1	30	570	450

				A	B	D
4656-32-370	7314150387595	1	1	32	370	250
4656-32-570	7314150387618	1	1	32	570	450
4656-32-920	7314150387632	1	1	32	920	800
4656-32-1320	7314150387649	1	1	32	1320	1200
4656-35-370	7314150387656	1	1	35	370	250
4656-35-570	7314150387663	1	1	35	570	450
4656-35-670	7314150387670	1	1	35	670	550
4656-37-370	7314150387687	1	1	37	370	250
4656-37-570	7314150387694	1	1	37	570	450
4656-37-920	7314150387700	1	1	37	920	800
4656-38-370	7314150387717	1	1	38	370	250
4656-38-570	7314150387724	1	1	38	570	450
4656-40-370	7314150387731	1	1	40	370	250
4656-40-570	7314150387748	1	1	40	570	450
4656-40-920	7314150387755	1	1	40	920	800
4656-40-1320	7314150387762	1	1	40	1320	1200
4656-45-570	7314150387779	1	1	45	570	450
4656-45-920	7314150387786	1	1	45	920	800
4656-50-570	7314150387793	1	1	50	570	450
4656-52-570	7314150387809	1	1	52	570	450

### 4651

## SDS+ DRILLS FOR REINFORCED CONCRETE



### FEATURES:

- Use/Application: Masonry, Reinforced Concrete, Natural Stone, Artificial Stone
- Specially designed head geometry for better centre drilling, faster drilling progress, precision drilling
- Canal flute provides effective dust removal for increased endurance and reduced heat friction
- To withstand wear the drills are made of high-alloy steel produced with an optimised hardening temperature
- Immediate centring tip prevents skidding on smooth surfaces
- Specially designed cutting head with 4-cutting edges improves precision-drilling in reinforced concrete
- Optimised 4x90° symmetry makes all four carbide cutting edges work evenly and simultaneously
- Fits directly into all hammer drilling machines with SDS-plus and HILTI TE-C drive

### ASSORTMENT:

				A	B	D
4651-5-110	7314150385683	1	1	5	110	50
4651-5-160	7314150385690	1	1	5	160	100
4651-5-210	7314150385706	1	1	5	210	150
4651-5-260	7314150385713	1	1	5	260	200
4651-5.5-110	7314150385720	1	1	5.5	110	50
4651-5.5-160	7314150385737	1	1	5.5	160	100
4651-6-110	7314150385744	1	1	6	110	50
4651-6-160	7314150385751	1	1	6	160	100
4651-6-210	7314150385768	1	1	6	210	150
4651-6-260	7314150385775	1	1	6	260	200
4651-6-310	7314150385782	1	1	6	310	250
4651-6.5-160	7314150385799	1	1	6.5	160	100
4651-6.5-210	7314150385805	1	1	6.5	210	150
4651-6.5-260	7314150385812	1	1	6.5	260	200
4651-6.5-310	7314150385829	1	1	6.5	310	250
4651-7-110	7314150385836	1	1	7	110	50
4651-7-160	7314150386253	1	1	7	160	100

				A	B	D
4651-8-110	7314150386277	1	1	8	110	50
4651-8-160	7314150386284	1	1	8	160	100
4651-8-210	7314150386291	1	1	8	210	150
4651-8-260	7314150386307	1	1	8	260	200
4651-8-310	7314150386314	1	1	8	310	250
4651-8-460	7314150386321	1	1	8	460	400
4651-9-160	7314150386338	1	1	9	160	100
4651-10-110	7314150386345	1	1	10	110	50
4651-10-160	7314150386352	1	1	10	160	100
4651-10-210	7314150386369	1	1	10	210	150
4651-10-260	7314150386376	1	1	10	260	200
4651-10-310	7314150386383	1	1	10	310	250
4651-10-450	7314150386390	1	1	10	450	390
4651-10-600	7314150386406	1	1	10	600	540
4651-10-1000	7314150386413	1	1	10	1000	940
4651-12-160	7314150386529	1	1	12	160	110
4651-12-210	7314150386536	1	1	12	210	160



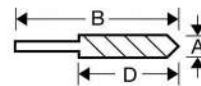


				A	B	D
4651-12-260	7314150386543	1	1	12	260	210
4651-12-310	7314150386550	1	1	12	310	260
4651-12-450	7314150386567	1	1	12	450	400
4651-12-600	7314150386574	1	1	12	600	550
4651-12-1000	7314150386581	1	1	12	1000	950
4651-14-160	7314150386598	1	1	14	160	110
4651-14-210	7314150386604	1	1	14	210	160
4651-14-260	7314150386611	1	1	14	260	210
4651-14-310	7314150386628	1	1	14	310	260
4651-14-450	7314150386635	1	1	14	450	400
4651-14-600	7314150386642	1	1	14	600	550
4651-14-1000	7314150386659	1	1	14	1000	950
4651-15-160	7314150386666	1	1	15	160	110
4651-15-260	7314150386673	1	1	15	260	210
4651-15-450	7314150386680	1	1	15	450	400
4651-16-160	7314150386697	1	1	16	160	110
4651-16-210	7314150386710	1	1	16	210	160
4651-16-260	7314150386727	1	1	16	260	210
4651-16-310	7314150386734	1	1	16	310	260

				A	B	D
4651-16-450	7314150386741	1	1	16	450	400
4651-16-600	7314150386758	1	1	16	600	550
4651-16-1000	7314150386765	1	1	16	1000	950
4651-18-250	7314150386789	1	1	18	250	200
4651-18-450	7314150386796	1	1	18	450	400
4651-20-250	7314150386802	1	1	20	250	200
4651-20-450	7314150386819	1	1	20	450	400
4651-22-250	7314150386826	1	1	22	250	200
4651-22-450	7314150386833	1	1	22	450	400
4651-24-250	7314150386840	1	1	24	250	200
4651-24-450	7314150386857	1	1	24	450	400
4651-25-250	7314150386864	1	1	25	250	200
4651-25-450	7314150386871	1	1	25	450	400
4651-28-250	7314150386888	1	1	28	250	200
4651-28-450	7314150386895	1	1	28	450	400
4651-30-250	7314150386901	1	1	30	250	200
4651-30-450	7314150386918	1	1	30	450	400
4651-32-450	7314150386925	1	1	32	450	400

#### 4652

### SDS+ DRILLS FOR CONCRETE



#### FEATURES:

- Use/Application: Masonry, Concrete, Natural Stone, Artificial Stone
- Particularly suitable for drilling plug holes for fastenings
- Canal flute provides effective dust removal for increased endurance and reduced heat friction
- To withstand wear, the drills are made of high-alloy steel produced with optimised hardening temperatures
- Immediate centring tip prevents skidding on smooth surfaces
- Enlarged rebar chamfers (+35°) prevent side tip damages
- Fits directly into all hammer drilling machines with SDS-plus and HILTI TE-C drive

#### ASSORTMENT:

				A	B	D
4652-4-110	7314150384365	1	1	4	110	50
4652-4-160	7314150384372	1	1	4	160	100
4652-5-110	7314150384815	1	1	5	110	50
4652-5-160	7314150384839	1	1	5	160	100
4652-5-210	7314150384846	1	1	5	210	150
4652-5,5-110	7314150384853	1	1	5,5	110	50
4652-5,5-160	7314150384860	1	1	5,5	160	100
4652-6-110	7314150384877	1	1	6	110	50
4652-6-160	7314150384891	1	1	6	160	100
4652-6-210	7314150384907	1	1	6	210	150
4652-6-260	7314150384969	1	1	6	260	200
4652-6,5-110	7314150384976	1	1	6,5	110	50
4652-6,5-160	7314150384990	1	1	6,5	160	100
4652-7-110	7314150385003	1	1	7	110	50
4652-7-160	7314150391981	1	1	7	160	100
4652-8-110	7314150385034	1	1	8	110	50
4652-8-160	7314150385058	1	1	8	160	100
4652-8-210	7314150385065	1	1	8	210	150
4652-8-260	7314150385072	1	1	8	260	200

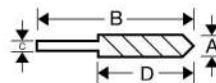
				A	B	D
4652-8-460	7314150385089	1	1	8	460	400
4652-9-160	7314150385096	1	1	9	160	100
4652-9-210	7314150385102	1	1	9	210	150
4652-10-110	7314150385119	1	1	10	110	50
4652-10-160	7314150385126	1	1	10	160	100
4652-10-210	7314150385133	1	1	10	210	150
4652-10-260	7314150385140	1	1	10	260	200
4652-10-310	7314150385164	1	1	10	310	250
4652-10-450	7314150385171	1	1	10	450	400
4652-10-600	7314150385188	1	1	10	600	550
4652-11-160	7314150385195	1	1	11	160	100
4652-11-210	7314150385201	1	1	11	210	150
4652-11-260	7314150385218	1	1	11	260	200
4652-12-160	7314150385225	1	1	12	160	100
4652-12-210	7314150385232	1	1	12	210	150
4652-12-260	7314150385249	1	1	12	260	200
4652-12-310	7314150385256	1	1	12	310	250
4652-12-450	7314150385263	1	1	12	450	400
4652-12-600	7314150385270	1	1	12	600	550

				A	B	D
4652-12-1000	7314150385287	1	1	12	1000	950
4652-13-160	7314150385294	1	1	13	160	100
4652-13-310	7314150385300	1	1	13	310	250
4652-14-160	7314150385317	1	1	14	160	100
4652-14-210	7314150385324	1	1	14	210	150
4652-14-260	7314150385331	1	1	14	260	200
4652-14-310	7314150385348	1	1	14	310	250
4652-14-450	7314150385355	1	1	14	450	400
4652-14-600	7314150385362	1	1	14	600	550
4652-14-1000	7314150385379	1	1	14	1000	950
4652-15-160	7314150385386	1	1	15	160	100
4652-15-260	7314150385393	1	1	15	260	200
4652-16-160	7314150385409	1	1	16	160	100
4652-16-210	7314150385416	1	1	16	210	150
4652-16-260	7314150385423	1	1	16	260	200
4652-16-310	7314150385430	1	1	16	310	250
4652-16-450	7314150385447	1	1	16	450	400
4652-16-600	7314150385454	1	1	16	600	550
4652-16-800	7314150385461	1	1	16	800	750
4652-16-1000	7314150385478	1	1	16	1000	950

				A	B	D
4652-18-200	7314150385485	1	1	18	200	150
4652-18-300	7314150385492	1	1	18	300	250
4652-18-450	7314150385508	1	1	18	450	400
4652-18-1000	7314150385515	1	1	18	1000	950
4652-20-200	7314150385522	1	1	20	200	150
4652-20-300	7314150385539	1	1	20	300	250
4652-20-450	7314150385546	1	1	20	450	400
4652-20-600	7314150385553	1	1	20	600	550
4652-20-1000	7314150385560	1	1	20	1000	950
4652-22-250	7314150385577	1	1	22	250	200
4652-22-450	7314150385584	1	1	22	450	400
4652-22-600	7314150385591	1	1	22	600	550
4652-22-1000	7314150385607	1	1	22	1000	950
4652-24-250	7314150385614	1	1	24	250	200
4652-24-450	7314150385621	1	1	24	450	400
4652-25-250	7314150385638	1	1	25	250	200
4652-25-450	7314150385645	1	1	25	450	400
4652-25-1000	7314150385652	1	1	25	1000	950
4652-26-250	7314150385669	1	1	26	250	200
4652-26-450	7314150385676	1	1	26	450	400

#### 4641

### DRILLS FOR MASONRY



#### FEATURES:

- Masonry drill for percussion drilling in concrete, brick, stone, ceramic tiles and marble etc
- Shank of low-alloy, hardened and tempered tool steel
- Black-oxidised surface with ground diameter

- Carbide tip ensures high drilling capacity and long-life
- High resistance to wear and torsion stresses

#### ASSORTMENT

				A	B	C	D
4641-3-60	7314150382859	1	1	3	60	3	35
4641-4-75	7314150382866	1	1	4	75	4	45
4641-5-85	7314150382873	1	1	5	85	5	40
4641-5-150	7314150382880	1	1	5	150	5	80
4641-5,5-85	7314150382897	1	1	5.5	85	5.5	40
4641-6-100	7314150383016	1	1	6	100	6	55
4641-6-150	7314150383023	1	1	6	150	6	85
4641-6,5-100	7314150383030	1	1	6.5	100	6.5	55
4641-7-100	7314150383047	1	1	7	100	7	55
4641-8-120	7314150383054	1	1	8	120	8	70
4641-8-200	7314150383061	1	1	8	200	8	130
4641-9-120	7314150383078	1	1	9	120	9	70
4641-10-120	7314150383085	1	1	10	120	10	70
4641-10-200	7314150383115	1	1	10	200	10	130
4641-11-150	7314150383122	1	1	11	150	10	90
4641-12-150	7314150383139	1	1	12	150	10	90
4641-12-200	7314150383146	1	1	12	200	10	130
4641-13-150	7314150383153	1	1	13	150	10	90
4641-14-150	7314150383160	1	1	14	150	11	90

				A	B	C	D
4641-16-150	7314150383177	1	1	16	150	11	90
4641-6-400	7314150383184	1	1	6	400	6	300
4641-8-400	7314150383191	1	1	8	400	8	300
4641-10-400	7314150383207	1	1	10	400	10	300
4641-10-600	7314150383221	1	1	10	600	10	450
4641-12-400	7314150383238	1	1	12	400	10	300
4641-12-600	7314150383245	1	1	12	600	10	450
4641-14-400	7314150383252	1	1	14	400	11	300
4641-14-600	7314150383269	1	1	14	600	11	450
4641-16-400	7314150383276	1	1	16	400	11	300
4641-16-600	7314150383283	1	1	16	600	11	450
4641-18-400	7314150383290	1	1	18	400	11	300
4641-18-600	7314150383306	1	1	18	600	11	450
4641-20-400	7314150383313	1	1	20	400	11	300
4641-20-600	7314150383320	1	1	20	600	11	450
4641-22-400	7314150383337	1	1	22	400	11	300
4641-24-400	7314150383344	1	1	24	400	11	300
4641-25-400	7314150383351	1	1	25	400	11	300



4641-PB

## DRILL SET FOR MASONRY



### FEATURES:

- Masonry drill for percussion drilling in concrete, brick, stone, ceramic tiles and marble etc
- Shank of low-alloy, hardened and tempered tool steel
- Black-oxidised surface with ground diameter
- Carbide tip ensures high drilling capacity and long-life
- High resistance to wear and torsion stresses

### ASSORTMENT:

4641-PB	7314150383368	1	5	130

# CHISELS FOR REINFORCED CONCRETE



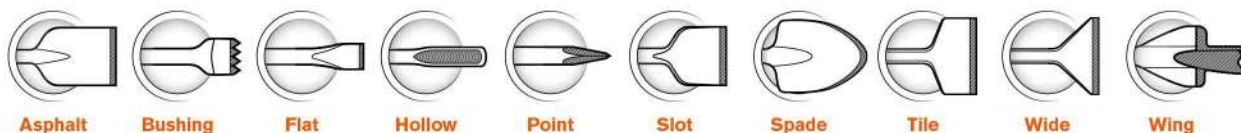
26 PRODUCTS



**HARDENED HIGH-QUALITY AND WEAR-RESISTANT TOOL STEEL**

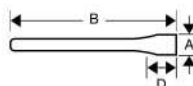
CHISELS ARE AVAILABLE IN 10 DIFFERENT SHAPES FOR THE MOST DEMANDING APPLICATIONS

FITS DIRECTLY INTO THE MOST COMMON HAMMER MACHINES



4659

## SDS MAX CHISELS FOR REINFORCED CONCRETE



### FEATURES:

- Use Application: Masonry, Reinforced Concrete, Natural Stone, Artificial Stone for light renovation and restoration chisel work
- Hardened high-quality and wear-resistant tool steel
- Point chisels are suitable for breakthroughs, wire slots and demolition work
- The flat chisel has a higher breaking power than point chisels, making well-directed use possible and allowing most demolition work and breakthroughs

- Scraping and spade chisels have a wider working tip which allows more materials to be removed, spades can also be used for removal of hard clay
- Hollow chisel, wing and wing canal are different versions created for the precise production of channels in masonry and concrete
- Tile chisel is ideal for removing tiles (floor and wall)
- Fits directly into all hammer drilling machines with SDS max holders

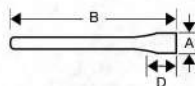
### ASSORTMENT:

				A	B	D
4659-ASPHALT-40	7314150388080	1	1	90	400	ASPHALT
4659-BUSHING-24	7314150388097	1	1	45	240	BUSHING
4659-FLAT-28	7314150387922	1	1	24	280	FLAT
4659-FLAT-40	7314150387939	1	1	24	400	FLAT
4659-FLAT-60	7314150387946	1	1	24	600	FLAT
4659-HOLLOW-30	7314150387991	1	1	26	300	HOLLOW
4659-POINT-28	7314150387892	1	1		280	POINT
4659-POINT-28-4	7314150388066	1	1	38	280	POINT
4659-POINT-40	7314150387908	1	1		400	POINT

				A	B	D
4659-POINT-60	7314150387915	1	1		600	POINT
4659-SLOT-30-3	7314150388028	1	1	22	300	SLOT
4659-SPADE-40	7314150388073	1	1	110	400	SPADE
4659-TILE-30-5	7314150388042	1	1	50	300	TILE
4659-TILE-30-8	7314150388059	1	1	80	300	TILE
4659-WIDE-30-8	7314150387953	1	1	80	300	WIDE
4659-WIDE-35-11	7314150387977	1	1	115	350	WIDE
4659-WIDE-36-5	7314150387984	1	1	50	360	WIDE
4659-WING-C38-3	7314150388011	1	1	35	380	WING

More information:












**FEATURES:**

- Use Application: Masonry, Reinforced Concrete, Natural Stone, Artificial Stone for light chisel work in renovation and restoration
- Hardened high-quality and wear-resistant tool steel
- Point chisels are suitable for breakthroughs and wire slots as well as demolition work
- The flat chisel has a higher breaking power than point chisels, making well-directed use possible and the tool suitable for most demolition work
- Scraping and spade chisels have a wider working tip which helps to remove more materials, spades can also be used for removal of hard clay
- Hollow, wing and wing canal are all different versions of chisels that can be used for the precise production of channels in masonry and concrete
- Tile chisel is ideal for removing tiles (floor and wall)
- Fits directly into all hammer drilling machines with SDS-plus and HILTI TE-C drive

**ASSORTMENT:**

				A	B	D
4655-FLAT-250	7314150387823	1	1	20	250	FLAT
4655-HOLLOW-240	7314150387847	1	1	22	240	HOLLOW
4655-POINT-250	7314150387816	1	1		250	POINT
4655-SLOT-25032	7314150387885	1	1	32	250	SLOT

				A	B	D
4655-TILE-20040	7314150387861	1	1	38	200	TILE
4655-TILE-25060	7314150387878	1	1	60	250	TILE
4655-WIDE-20040	7314150387830	1	1	38	200	WIDE
4655-WING-C-250	7314150387854	1	1	22	250	WING



**APPLICATION:**  
Concrete

**PRODUCT:**  
SDS-plus Concrete Drill Bit



More information:



# DRILL BITS FOR WOOD

86 PRODUCTS



**AUGER DRILLS FOR WOOD**



**FULL LENGTH HEAT-TREATED FOR EXTREME DURABILITY**

HEAT-TREATED ALL OVER FOR EXTREME DURABILITY

ONE SECTION OF THE SHANK HAS A HEXAGONAL SHANK FOR A FIRM GRIP IN THE CHUCK

SPIRALS WITH LEVIN PATTERN

MADE OF CHROME VANADIUM AND LACQUERED FOR RUST PROTECTION

FULL SCREW TIP

## FLAT DRILLS FOR WOOD



POSITIVE CUTTING ANGLE FOR FASTER DRILLING

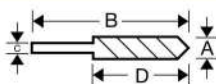
## TWIST DRILLS FOR WOOD



LIP AND SPUR DRILL

9626

## AUGER DRILLS FOR WOOD



### FEATURES:

- Auger bit for drilling in wood
- One section of tang with hexagonal shank for firm grip in the chuck. Additional 15mm long section with four flat sides, suitable for hand braces

- Spirals with Levin pattern
- Lacquered for rust protection
- 460 mm long auger bit for drilling in wood

### ASSORTMENT:

Icon	Barcode	X	Y	A	B	C	D	
	9626-6	7314150388806	1	1	6	230	5.5	155
	9626-7	7314150388813	1	1	7	230	6.5	155
	9626-8	7314150388820	1	1	8	230	7.5	155
	9626-9	7314150388837	1	1	9	230	8.5	155
	9626-10	7314150388844	1	1	10	230	9.5	155
	9626-11	7314150388851	1	1	11	230	10.5	155
	9626-12	7314150388868	1	1	12	230	11.5	155
	9626-13	7314150388875	1	1	13	230	12.5	155
	9626-14	7314150388882	1	1	14	230	12.5	155
	9626-16	7314150388899	1	1	16	230	12.5	155
	9626-18	7314150388905	1	1	18	230	12.5	155
	9626-20	7314150388912	1	1	20	230	12.5	155
	9626-22	7314150388929	1	1	22	230	12.5	155
	9626-23	7314150388936	1	1	23	230	12.5	155

Icon	Barcode	X	Y	A	B	C	D	
	9626-24	7314150388943	1	1	24	230	12.5	155
	9626-25	7314150388950	1	1	25	230	12.5	155
	9626-26	7314153024237	1	1	26	230	12.5	155
	9626-28	7314150388967	1	1	28	230	12.5	155
	9626-30	7314150388974	1	1	30	230	12.5	155
	9626-32	7314150388981	1	1	32	230	12.5	155
	9627-6-460	7314150388998	1	1	6	460	5.5	385
	9627-8-460	7314150389001	1	1	8	460	7.5	385
	9627-10-460	7314150389018	1	1	10	460	9.5	385
	9627-12-460	7314150389025	1	1	12	460	11.5	385
	9627-14-460	7314150389032	1	1	14	460	12.5	385
	9627-16-460	7314150389049	1	1	16	460	12.5	385
	9627-18-460	7314150389056	1	1	18	460	12.5	385
	9627-20-460	7314150389063	1	1	20	460	12.5	385

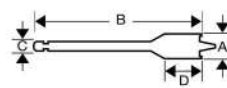


				A	B	C	D
9627-22-460	7314150389070	1	1	22	460	12.5	385
9627-24-460	7314150389087	1	1	24	460	12.5	385
9627-26-460	7314150389094	1	1	26	460	12.5	385

				A	B	C	D
9627-28-460	7314150389100	1	1	28	460	12.5	385
9627-30-460	7314150389117	1	1	30	460	12.5	385
9627-32-460	7314150389124	1	1	32	460	12.5	385

9629

## FLAT DRILLS FOR WOOD



### FEATURES:

- The flat bit has a positive cutting angle for faster drilling than conventional bits

- High-carbon steel, heat treated all over. Hardened blade forged directly from the round shaft
- 400 mm long flat bit drill for drilling wood

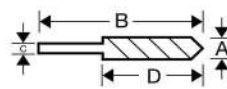
### ASSORTMENT:

				A	B	C	D
9629-6	7314150388417	1	1	6	152	6.35	38
9629-8	7314150388462	1	1	8	152	6.35	38
9629-10	7314150388479	1	1	10	152	6.35	38
9629-12	7314150388486	1	1	12	152	6.35	42
9629-14	7314150388493	1	1	14	152	6.35	42
9629-16	7314150388509	1	1	16	152	6.35	42
9629-18	7314150388516	1	1	18	152	6.35	42
9629-20	7314150388523	1	1	20	152	6.35	42
9629-22	7314150388530	1	1	22	152	6.35	42
9629-24	7314150388547	1	1	24	152	6.35	46
9629-25	7314150388554	1	1	25	152	6.35	46
9629-26	7314150388561	1	1	26	152	6.35	46
9629-28	7314150388578	1	1	28	152	6.35	46
9629-30	7314150388585	1	1	30	152	6.35	46
9629-32	7314150388592	1	1	32	152	6.35	46
9629-36	7314150388608	1	1	36	152	6.35	46

				A	B	C	D
9629-38	7314150388615	1	1	38	160	6.35	46
9629-40	7314150388622	1	1	40	160	6.35	46
9631-6-400	7314150388646	1	1	6	400	6.35	38
9631-8-400	7314150388677	1	1	8	400	6.35	38
9631-10-400	7314150388684	1	1	10	400	6.35	38
9631-12-400	7314150388691	1	1	12	400	6.35	42
9631-14-400	7314150388707	1	1	14	400	6.35	42
9631-16-400	7314150388714	1	1	16	400	6.35	42
9631-18-400	7314150388721	1	1	18	400	6.35	42
9631-20-400	7314150388738	1	1	20	400	6.35	42
9631-22-400	7314150388745	1	1	22	400	6.35	42
9631-26-400	7314150388769	1	1	26	400	6.35	46
9631-28-400	7314150388776	1	1	28	400	6.35	46
9631-30-400	7314150388783	1	1	30	400	6.35	46
9631-32-400	7314150388790	1	1	32	400	6.35	46
9631-24-400	7314150388752	1	1	24	400	6.35	46

9646

## TWIST DRILLS FOR WOOD



### FEATURES:

- Made of hardened and tempered, chrome-vanadium steel
- Precision ground

- 250 mm long Lip and Spur drill for drilling solid wood, chipboard and wood fibre board

### ASSORTMENT:

				A	B	C	D
9646-3	7314150388189	1	1	3	61	3	33
9646-4	7314150388202	1	1	4	75	4	43
9646-5	7314150388219	1	1	5	86	5	52
9646-6	7314150388226	1	1	6	97	6	60
9646-7	7314150388233	1	1	7	109	7	69
9646-8	7314150388240	1	1	8	117	8	75
9646-9	7314150388257	1	1	9	125	9	80
9646-10	7314150388264	1	1	10	133	10	87
9646-11	7314150388288	1	1	11	142	9.95	89
9646-12	7314150388295	1	1	12	151	9.95	96

				A	B	C	D
9646-13	7314150388301	1	1	13	151	9.95	96
9646-14	7314150388318	1	1	14	151	9.95	97
9646-15	7314150388325	1	1	15	160	9.95	100
9646-16	7314150388332	1	1	16	160	9.95	100
9646-18	7314150388349	1	1	18	180	9.95	120
9646-20	7314150388356	1	1	20	200	9.95	130
9646-6-250	7314150388363	1	1	6	250	6	200
9646-8-250	7314150388370	1	1	8	250	8	200
9646-10-250	7314150388387	1	1	10	250	10	200
9646-12-250	7314150388400	1	1	12	250	9.95	200

More information:





# DRILL BITS FOR METAL

34 PRODUCTS



## COBALT HSS-E DRILLS FOR METAL



**5% COBALT FOR EXTRA DURABILITY**

HEAT-TREATED ALL OVER FOR EXTREME DURABILITY

GROUND FLUTES ENABLES FAST DRILLING AND HIGH PRECISION

NO PRE-PUNCH THANKS TO THE INNOVATIVE SPEED POINT

CRAFTED WITH 5% COBALT FOR INCREASED HEAT RESISTANCE AND CUTTING PERFORMANCE



TOP ANGLE OF 135° WITH SELF-CENTRING SPLIT-POINT TIP

## HSS-G DRILLS FOR METAL



GROUND FLUTES ENABLE FAST DRILLING AND HIGH PRECISION

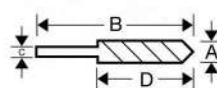
## HSS-R DRILLS FOR METAL



ROLLED FLUTE WITH HIGH ELASTICITY

4411

## COBALT HSS-E DRILLS FOR METAL



### FEATURES:

- The Cobalt High-speed steel (HSS) provides long-lasting high performance when drilling stainless steel materials
- Cobalt drills work brilliantly on alloyed and non-alloyed steel, stainless steel, cast iron, cast steel and acid and heat-resistant steels
- Ground flutes enable fast drilling and high precision
- Top angle of 135° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) and are designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Size range 1mm to 13mm
- Size 1mm up to 4mm, two drills in each tube

### ASSORTMENT:

				A	B	C	D
4411-1.00	7314150372744	2	1	1	34	1	12
4411-1.50	7314150372768	2	1	1.5	40	1.5	18
4411-2.00	7314150372775	2	1	2	49	2	24
4411-2.50	7314150372782	2	1	2.5	57	2.5	30
4411-3.00	7314150372799	2	1	3	61	3	33
4411-3.25	7314150372805	2	1	3.25	65	3.25	36
4411-3.30	7314150372812	2	1	3.3	65	3.3	36
4411-3.50	7314150372829	2	1	3.5	70	3.5	39

				A	B	C	D
4411-4.00	7314150372836	2	1	4	75	4	43
4411-4.20	7314150372843	1	1	4.2	75	4.2	43
4411-4.25	7314150372850	1	1	4.25	75	4.25	43
4411-4.50	7314150372867	1	1	4.5	80	4.5	47
4411-5.00	7314150372874	1	1	5	86	5	52
4411-5.50	7314150372881	1	1	5.5	93	5.5	57
4411-6.00	7314150372898	1	1	6	93	6	57
4411-6.50	7314150372904	1	1	6.5	101	6.5	63



				A	B	C	D
4411-6.80	7314150372911	1	1	6.8	109	6.8	69
4411-7.00	7314150372928	1	1	7	109	7	69
4411-7.50	7314150372935	1	1	7.5	109	7.5	69
4411-8.00	7314150372942	1	1	8	117	8	75
4411-8.50	7314150372959	1	1	8.5	117	8.5	75
4411-9.00	7314150372966	1	1	9	125	9	81

				A	B	C	D
4411-9.50	7314150394463	1	1	9.5	125	9.5	87
4411-10.00	7314150372973	1	1	10	125	10	87
4411-10.20	7314150372980	1	1	10.2	133	10.2	87
4411-11.00	7314150372997	1	1	11	142	11	94
4411-12.00	7314150373000	1	1	12	151	12	101
4411-13.00	7314150373017	1	1	13	151	13	101

**INDUSTRIAL PACK:**

- Size range 0.5 to 20mm
- In boxes of 10, 5 or 1, depending on dimensions

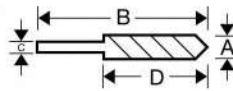
				A	B	C	D
4511-0.50-10P	7314150373079	10	1	0.5	22	0.5	6
4511-0.75-10P	7314150373062	10	1	0.75	28	0.75	9
4511-1.00-10P	7314150373055	10	1	1	34	1	12
4511-1.50-10P	7314150373086	10	1	1.5	40	1.5	18
4511-1.75-10P	7314150373093	10	1	1.75	46	1.75	22
4511-2.00-10P	7314150373109	10	1	2	49	2	24
4511-2.50-10P	7314150373116	10	1	2.5	57	2.5	30
4511-2.70-10P	7314150373123	10	1	2.7	61	2.7	33
4511-2.90-10P	7314150373130	10	1	2.9	61	2.9	33
4511-3.00-10P	7314150373147	10	1	3	61	3	33
4511-3.10-10P	7314150373185	10	1	3.1	65	3.1	36
4511-3.25-10P	7314150373192	10	1	3.25	65	3.25	36
4511-3.30-10P	7314150373208	10	1	3.3	65	3.3	36
4511-3.50-10P	7314150373215	10	1	3.5	70	3.5	39
4511-3.80-10P	7314150373222	10	1	3.8	75	3.8	43
4511-4.00-10P	7314150373239	10	1	4	75	4	43
4511-4.20-10P	7314150373246	10	1	4.2	75	4.2	43
4511-4.50-10P	7314150373253	10	1	4.5	80	4.5	47
4511-4.80-10P	7314150373260	10	1	4.8	86	4.8	52
4511-5.00-10P	7314150373277	10	1	5	86	5	52
4511-5.20-10P	7314150373284	10	1	5.2	86	5.2	52
4511-5.50-10P	7314150373291	10	1	5.5	93	5.5	57
4511-6.00-10P	7314150373307	10	1	6	93	6	57
4511-6.20-10P	7314150373314	10	1	6.2	101	6.2	63
4511-6.50-10P	7314150373321	10	1	6.5	101	6.5	63
4511-6.80-10P	7314150373338	10	1	6.8	109	6.8	69
4511-7.00-10P	7314150373345	10	1	7	109	7	69
4511-7.20-10P	7314150373352	10	1	7.2	109	7.2	69
4511-7.50-10P	7314150373369	10	1	7.5	109	7.5	69
4511-7.80-10P	7314150373376	10	1	7.8	117	7.8	75
4511-8.00-10P	7314150373383	10	1	8	117	8	75
4511-8.50-10P	7314150373390	10	1	8.5	117	8.5	75

				A	B	C	D
4511-8.60-10P	7314150373406	10	1	8.6	125	8.6	81
4511-8.80-10P	7314150373413	10	1	8.8	125	8.8	81
4511-9.00-10P	7314150373420	10	1	9	125	9	81
4511-9.20-10P	7314150373437	10	1	9.2	125	9.2	81
4511-9.50-10P	7311518339081	10	1	9.5	125	9.5	81
4511-9.60-10P	7314150373451	10	1	9.6	133	9.6	87
4511-10.00-5P	7314150392247	5	1	10	133	10	87
4511-10.20-5P	7314150392254	5	1	10.2	133	10.2	87
4511-10.30-5P	7314150392261	5	1	10.30	133	10.30	87
4511-10.50-5P	7314150392278	5	1	10.5	133	10.5	87
4511-10.80-5P	7314150392285	5	1	10.8	142	10.8	94
4511-11.00-5P	7314150392292	5	1	11	142	11	94
4511-11.50-5P	7314150392308	5	1	11.5	142	11.5	94
4511-12.00-5P	7314150392315	5	1	12	151	12	101
4511-12.50-5P	7314150392322	5	1	12.5	151	12.5	101
4511-12.80-5P	7314150392339	5	1	12.8	151	12.8	101
4511-13.00-5P	7314150392346	5	1	13	151	13	101
4511-13.50-1P	7314150392353	1	1	13.5	160	13.5	108
4511-14.00-1P	7314150392360	1	1	14	160	14	108
4511-14.50-1P	7314150392377	1	1	14.5	169	14.5	114
4511-15.00-1P	7314150392384	1	1	15	169	15	114
4511-15.50-1P	7314150392391	1	1	15.5	169	15.5	120
4511-16.00-1P	7314150392407	1	1	16	178	16	120
4511-16.50-1P	7314150392414	1	1	16.5	184	16.5	125
4511-17.00-1P	7314150392421	1	1	17	184	17	125
4511-17.50-1P	7314150392438	1	1	17.5	191	17.5	130
4511-18.00-1P	7314150392445	1	1	18	191	18	130
4511-18.50-1P	7314150392452	1	1	18.5	198	18.5	135
4511-19.00-1P	7314150392469	1	1	19	198	19	135
4511-19.50-1P	7314150392476	1	1	19.5	205	19.5	140
4511-20.00-1P	7314150392483	1	1	20	205	20	140

More information:



# HSS-G DRILLS FOR METAL



**FEATURES:**

- High-speed steel (HSS) drill for drilling in bronze, brass, carbon steel, cast iron, alloy steel and stainless steel
- Ground flutes enable fast drilling and high precision
- Top angle of 130° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter

- Drill bits have a cylindrical shank (shank equal to drill bit diameter) and are designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Size range 1mm to 13mm
- Size 1mm up to 4mm, two drills in each tube

**ASSORTMENT:**

				A	B	C	D
4413-1.00	7314150371754	2	1	1	34	1	12
4413-1.50	7314150371761	2	1	1.5	40	1.5	18
4413-2.00	7314150371785	2	1	2	49	2	24
4413-2.50	7314150371792	2	1	2.5	57	2.5	30
4413-3.00	7314150371815	2	1	3	61	3	33
4413-3.25	7314150371822	2	1	3.25	65	3.25	36
4413-3.30	7314150371877	2	1	3.3	65	3.3	36
4413-3.50	7314150371884	2	1	3.5	70	3.5	39
4413-4.00	7314150371891	2	1	4	75	4	43
4413-4.20	7314150371907	1	1	4.2	75	4.2	43
4413-4.25	7314150371914	1	1	4.25	75	4.25	43
4413-4.50	7314150371921	1	1	4.5	80	4.5	47
4413-5.00	7314150371938	1	1	5	86	5	52
4413-5.50	7314150371945	1	1	5.5	93	5.5	57

				A	B	C	D
4413-6.00	7314150371952	1	1	6	93	6	57
4413-6.50	7314150371969	1	1	6.5	101	6.5	63
4413-6.80	7314150371976	1	1	6.8	109	6.8	69
4413-7.00	7314150371983	1	1	7	109	7	69
4413-7.50	7314150371990	1	1	7.5	109	7.5	69
4413-8.00	7314150372003	1	1	8	117	8	75
4413-8.50	7314150372010	1	1	8.5	117	8.5	75
4413-9.00	7314150372027	1	1	9	125	9	81
4413-9.50	7314150394456	1	1	9.5	125	9.5	87
4413-10.00	7314150372034	1	1	10	133	10	87
4413-10.20	7314150372041	1	1	10.2	133	10.2	87
4413-11.00	7314150372058	1	1	11	142	11	94
4413-12.00	7314150372065	1	1	12	151	12	101
4413-13.00	7314150372072	1	1	13	151	13	101

**INDUSTRIAL PACK:**

- Size range 1 to 20mm
- In boxes of 10, 5 or 1, depending on dimensions

				A	B	C	D
4513-1.00-10P	7314150372119	10	1	1	34	1	12
4513-1.50-10P	7314150372126	10	1	1.5	40	1.5	18
4513-1.75-10P	7314150372133	10	1	1.75	46	1.75	22
4513-2.00-10P	7314150372140	10	1	2	49	2	24
4513-2.50-10P	7314150372157	10	1	2.5	57	2.5	30
4513-2.70-10P	7314150372164	10	1	2.7	61	2.7	33
4513-2.90-10P	7314150372171	10	1	2.9	61	2.9	33
4513-3.00-10P	7314150372188	10	1	3	61	3	33
4513-3.10-10P	7314150372195	10	1	3.1	65	3.1	36
4513-3.25-10P	7314150372201	10	1	3.25	65	3.25	36
4513-3.30-10P	7314150372218	10	1	3.3	65	3.3	36
4513-3.50-10P	7314150372225	10	1	3.5	70	3.5	39
4513-3.80-10P	7314150372232	10	1	3.8	75	3.8	43
4513-4.00-10P	7314150372249	10	1	4	75	4	43
4513-4.20-10P	7314150372256	10	1	4.2	75	4.2	43
4513-4.50-10P	7314150372263	10	1	4.5	80	4.5	47
4513-4.80-10P	7314150372270	10	1	4.8	86	4.8	52
4513-5.00-10P	7314150372287	10	1	5	86	5	52
4513-5.20-10P	7314150372294	10	1	5.2	86	5.2	52
4513-5.50-10P	7314150372300	10	1	5.5	93	5.5	57
4513-6.00-10P	7314150372317	10	1	6	93	6	57

				A	B	C	D
4513-6.20-10P	7314150372324	10	1	6.2	101	6.2	63
4513-6.50-10P	7314150372331	10	1	6.5	101	6.5	63
4513-6.80-10P	7314150372348	10	1	6.8	109	6.8	69
4513-7.00-10P	7314150372355	10	1	7	109	7	69
4513-7.20-10P	7314150372362	10	1	7.2	109	7.2	69
4513-7.50-10P	7314150372379	10	1	7.5	109	7.5	69
4513-7.80-10P	7314150372386	10	1	7.8	117	7.8	75
4513-8.00-10P	7314150372393	10	1	8	117	8	75
4513-8.50-10P	7314150372409	10	1	8.5	117	8.5	75
4513-8.60-10P	7314150372416	10	1	8.6	125	8.6	81
4513-8.80-10P	7314150372423	10	1	8.8	125	8.8	81
4513-9.00-10P	7314150372430	10	1	9	125	9	81
4513-9.20-10P	7314150372447	10	1	9.2	125	9.2	81
4513-9.50-10P	7314150372454	10	1	9.5	125	9.5	81
4513-9.60-10P	7314150372461	10	1	9.6	133	9.6	87
4513-10.00-5P	7314150391998	5	1	10	133	10	87
4513-10.20-5P	7314150392001	5	1	10.2	133	10.2	87
4513-10.30-5P	7314150392018	5	1	10.3	133	10.3	87
4513-10.50-5P	7314150392025	5	1	10.5	133	10.5	87
4513-10.80-5P	7314150392032	5	1	10.8	142	10.8	94
4513-11.00-5P	7314150392049	5	1	11	142	11	94



				A	B	C	D
4513-11.50-5P	7314150392056	5	1	11.5	142	11.5	94
4513-12.00-5P	7314150392063	5	1	12	151	12	101
4513-12.50-5P	7314150392070	5	1	12.5	151	12.5	101
4513-12.80-5P	7314150392087	5	1	12.8	151	12.8	101
4513-13.00-5P	7314150392094	5	1	13	151	13	101
4513-13.50-1P	7314150392100	1	1	13.5	160	13.5	108
4513-14.00-1P	7314150392117	1	1	14	160	14	108
4513-14.50-1P	7314150392124	1	1	14.5	169	14.5	114
4513-15.00-1P	7314150392131	1	1	15	169	15	114
4513-15.50-1P	7314150392148	1	1	15.5	169	15.5	

				A	B	C	D
4513-16.00-1P	7314150392155	1	1	16	178	16	120
4513-16.50-1P	7314150392162	1	1	16.5	184	16.5	125
4513-17.00-1P	7314150392179	1	1	17	184	17	125
4513-17.50-1P	7314150392186	1	1	17.5	191	17.5	130
4513-18.00-1P	7314150392193	1	1	18	191	18	130
4513-18.50-1P	7314150392209	1	1	18.5	198	18.5	135
4513-19.00-1P	7314150392216	1	1	19	198	19	135
4513-19.50-1P	7314150392223	1	1	19.5	205	19.5	140
4513-20.00-1P	7314150392230	1	1	20	205	20	140

#### 4415

### HSS-R DRILLS FOR METAL



#### FEATURES:

- High-speed steel (HSS) drill for drilling in bronze, brass, carbon steel, cast iron, alloy steel and stainless steel
- Rolled flute with high elasticity and a low risk of breakage due to the manufacturing process
- Oxide coating reduces wear with good and rapid chip removal

- Drill bits have a cylindrical shank (shank equal to drill bit diameter) and are designed for use in drill stands and drill drivers
- Manufactured to DIN 338
- Size range 1mm to 13mm
- Size 1mm up to 4mm, two drills in each tube

#### ASSORTMENT:

				A	B	C	D
4415-1.00	7314150394210	2	1	1	34	1	12
4415-1.50	7314150394227	2	1	1.5	40	1.5	18
4415-2.00	7314150394234	2	1	2	49	2	24
4415-2.50	7314150394241	2	1	2.5	57	2.5	30
4415-3.00	7314150394258	2	1	3	61	3	33
4415-3.25	7314150394265	2	1	3.25	65	3.25	36
4415-3.50	7314150394272	2	1	3.5	70	3.5	39
4415-4.00	7314150394289	2	1	4	75	4	43
4415-4.25	7314150394296	1	1	4.25	75	4.25	43
4415-4.50	7314150394302	1	1	4.5	80	4.5	47
4415-5.00	7314150394319	1	1	5	86	5	52
4415-5.50	7314150394326	1	1	5.5	93	5.5	57

				A	B	C	D
4415-6.00	7314150394333	1	1	6	93	6	57
4415-6.50	7314150394340	1	1	6.5	101	6.5	63
4415-7.00	7314150394357	1	1	7	109	7	69
4415-7.50	7314150394364	1	1	7.5	109	7.5	69
4415-8.00	7314150394371	1	1	8	117	8	75
4415-8.50	7314150394388	1	1	8.5	117	8.5	75
4415-9.00	7314150394395	1	1	9	125	9	81
4415-10.00	7314150394401	1	1	10	133	10	87
4415-11.00	7314150394418	1	1	11	142	11	94
4415-12.00	7314150394425	1	1	12	151	12	101
4415-13.00	7314150394432	1	1	13	151	13	101

More information:





4513-SET-19 / 25

## HSS-G DRILL SET FOR METAL - 19 / 25 PCS



### FEATURES:

- High-speed steel (HSS) drill for bronze, brass, carbon steel, cast iron, alloy steel and stainless steel
- Ground flutes enable fast drilling and high precision
- Top angle of 130° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Size range 0.5 to 20mm
- Contains 19 or 25 drills from 1.0mm to 10.0mm x 0.5mm in a plastic case

### ASSORTMENT:

Product Code	Barcode	Case Qty	Drill Qty	Weight (g)
4513-SET-19	7314150372096	1	19	600
4513-SET-25	7314150372102	1	25	1300

4515-SET-19

## HSS-R DRILL SET FOR METAL - 19 PCS



### FEATURES:

- High-speed steel (HSS) drill for bronze, brass, carbon steel, cast iron, alloy steel and stainless steel
- Rolled flute with high elasticity and a low risk of breakage due to the manufacturing process
- Oxide coating reduces wear with good and rapid chip removal
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) designed for use in drill stands and drivers
- Manufactured to DIN 338
- Contains 19 drills from 1.0mm to 10.0mm x 0.5mm in a plastic case

### ASSORTMENT:

Product Code	Barcode	Case Qty	Drill Qty	Weight (g)
4515-SET-19	7314150394449	1	19	600

4513-SET-6

## HSS-G DRILL SET FOR METAL - 6 PCS



### FEATURES:

- High-speed steel (HSS) drill for bronze, brass, carbon steel, cast iron, alloy steel and stainless steel
- Ground flutes enable fast drilling and high precision
- Top angle of 130° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Contains 6 drills from 2.0mm to 8.0mm x 1.0mm (excl. 7.0mm) in a plastic cassette

### ASSORTMENT:

Product Code	Barcode	Case Qty	Drill Qty	Weight (g)
4513-SET-6	7314150372089	1	6	130

4511-SET-19

## COBALT HSS-E DRILL SET FOR METAL - 19 PCS



### FEATURES:

- The Cobalt High-speed steel (HSS) provides long lasting high performance when drilling in stainless steel materials
- Cobalt drills work effectively with alloyed and non-alloyed steel, stainless steel, cast iron, cast steel and acid and heat-resistant steels
- Ground flutes enable fast drilling and high precision
- Top angle of 135° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Size range 0.5mm to 20mm
- Contains 19 drills from 1.0mm to 10.0mm x 0.5mm in a plastic case

### ASSORTMENT:

Product Code	Barcode	Case Qty	Drill Qty	Weight (g)
4511-SET-19	7314150373031	1	19	600



4511-SET-25

## COBALT HSS-E DRILL SET FOR METAL - 25 PCS



### FEATURES:

- The Cobalt High-speed steel (HSS) provides long-lasting high performance when drilling in stainless steel materials
- Cobalt drills work effectively with alloyed and non-alloyed steel, stainless steel, cast iron, cast steel and acid and heat-resistant steels
- Ground flutes enable fast drilling and high precision
- Top angle of 135° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Size range 0.5mm to 20mm
- Contains 25 drills from 1.0mm to 13.0mm x 0.5mm in a plastic case

### ASSORTMENT:

4511-SET-25	7314150373048	1	25	1300

4511-SET-6

## COBALT HSS-E DRILL SET FOR METAL - 6 PCS



### FEATURES:

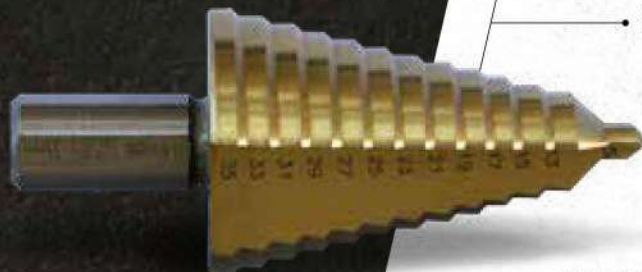
- The Cobalt High-speed steel (HSS) provides long-lasting high performance when drilling in stainless steel materials
- Cobalt drills work effectively with alloyed and non-alloyed steel, stainless steel, cast iron, cast steel and acid and heat-resistant steels
- Ground flutes enable fast drilling and high precision
- Top angle of 135° with self-centring split-point tip for quick cutting and perfect centring
- Speed Point, no need to pre-punch or pilot drill up to 10mm diameter
- Drill bits have a cylindrical shank (shank equal to drill bit diameter) and are designed for use in drill stands and drivers
- Manufactured to DIN 338 N
- Size range 0.5mm to 20mm
- Contains 6 drills from 2.0 to 8.0mm x 1.0mm (excl. 7.0mm) in a plastic cassette

### ASSORTMENT:

4511-SET-6	7314150373024	1	6	130

# STEP DRILL BITS

5 PRODUCTS



5X

LASTS UP TO FIVE TIMES LONGER THAN ORDINARY STEP DRILL BITS

TITANIUM-NITRIDE (TiN) COATING WITH A SURFACE HARDNESS

SELF-LUBRICATES WHILE RUNNING DRY

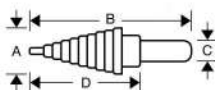


SELF-CENTRING POINT

**LASTS UP TO 5 TIMES LONGER!**

## 228-SD

### STEP DRILL - 4 TO 12 MM



#### FEATURES:

- For making holes in thin metal sheets
- Titanium-nitride-coated step drill with a surface hardness that makes the tool last 4 to 5 times longer than ordinary step drill bits. That same surface reduces friction, resulting

in a tool that runs cooler and, in effect, self-lubricates whilst running dry

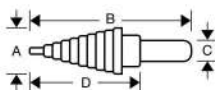
- Drills holes from 4 to 12 mm in 1 mm increments
- Shank 1/4" (6 mm)

#### ASSORTMENT:

					A	B	C	D	
228-SD	7311518277048	1	24		4-5-6-7-8-9-10-11-12	76	6	40	70

## 229-SD

### STEP DRILL - 4 TO 22 MM

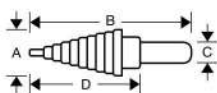


#### ASSORTMENT:

					A	B	C	D	
229-SD	7311518277055	1	24		4-6-8-10-12-14-16-18-20-22	76	6	40	70



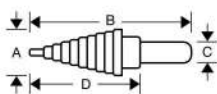
**230-SD**  
**STEP DRILL - 5 TO 35 MM**



**ASSORTMENT:**

				A	B	C	D	
230-SD	7311518280956	1	1	5-13-15-17-19-21-23-25-27-29-31-33-35	83	12,7	58	175

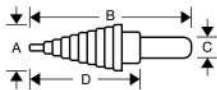
**232-SD**  
**STEP DRILL - 6 TO 37 MM**



**ASSORTMENT:**

				A	B	C	D	
232-SD	7314150214839	1	1	6-9-12.5-15.2-18.6-20.4-22.5-26-28.3-30.5-34-37	100	10	75	300

**234-SD**  
**STEP DRILL - 6.5 TO 40.5 MM**



**ASSORTMENT:**

				A	B	C	D	
234-SD	7314150214846	1	1	6.5-8.5-10.5-12.5-16.5-20.5-25.5-29-32.5-36.5-40.5	96	10	71	300

**228-SET-SD**  
**HSS STEP DRILLS SET - 3 PCS**



**FEATURES:**

- For making holes in thin metal sheets
- Titanium-nitride-coated step drill with a surface hardness that makes the tool last 4 to 5 times longer than an ordinary step drill bit
- 3 piece HSS step drill set contents 4 to 12 mm in 1 mm increments
- 4 to 22 mm in 2 mm increments
- 5 to 35 mm in 2 mm increments

**ASSORTMENT:**

228-SET-SD	7314150217946	1	1	560

More information:

