

PRECISION  
QUALITY  
INNOVATION

**Starrett®**

# SAWS & HAND TOOLS

HOLE SAWS

ARBORS &  
ACCESSORIES

JIGSAW BLADES

RECIPROCATING  
SAW BLADES

HAND HACKSAW  
BLADES

MEASURING  
TAPES

LEVELS

RULES &  
SQUARES

LASER DISTANCE  
METERS

TRADESMAN'S  
TOOL BAGS



CATALOGUE 71E  
REVISED 2020

# PRECISION, QUALITY, INNOVATION

For more than 130 years, manufacturers, builders and craftsmen worldwide have depended upon precision tools and saws from The L.S. Starrett Company to ensure the consistent quality of their work.

They know that the Starrett name on a saw blade, hand tool or measuring tool ensures exceptional quality, innovative products and expert technical assistance.

With strict quality control, state-of-the-art equipment and an ongoing commitment to producing superior tools, the thousands of products in today's Starrett line continue to be the most accurate, robust and durable tools available. This catalogue features those tools most widely used on a jobsite or in a workshop environment.



## HOLE SAWS

Our full range of Hole Saws and Accessories, including Arbors, Pilot Drills, Core Ejectors and our Debris Collector. All solutions to help you safely optimise each job with the cost per cut in mind - saving you time and money.

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## HACKSAWS

Bi-Metal Safe-Flex®, Redstripe and high carbon Grey-Flex® blades and frames, bi-metal and Redstripe® power hack blades, compass and PVC saws to assist you with all of your sawing needs.

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## JIGSAWS & RECIP BLADES

Our Unified Shank® Jigsaws fit all major machines. The Starrett Bi-Metal Unique® Saw Technology provides our blades with 170% greater resistance to breakage than standard bi-metal blades, Starrett blades will also cut faster and last longer than other saws.

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## HAND TOOLS

The Starrett, Starrett Exact® and Starrett Exact® Plus range offer a wide variety of quality Tapes, Levels, Knives, Rules, Squares and more. All reliable, accurate and with excellent build quality. You can always trust a Starrett Tool.

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## LASER DISTANCE METERS

Starrett Laser Distance Meters are highly accurate, advanced and include features like IP54 Protection, Indirect Measurement Calculations and Bluetooth® to connect to Android and IOS devices, and a downloadable app, allowing users to control the meter through a smartphone or other compatible device.

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## TRADESMAN'S TOOL BAGS

Quality hard-wearing tool bags with reinforced ABS bases, internal and external elasticated pockets and compartments - these are ideal and reliable for the tough day-to-day needs of all trades.

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# WORLDWIDE MANUFACTURING



1 - Athol, Massachusetts, USA



2 - Laguna Hills, California, USA



3 - Waite Park, Minnesota, USA



4 - Cleveland, Ohio, USA



Starrett Manufacturing Factories



Starrett Distribution Centres and Offices



5 - Mount Airy, North Carolina, USA



6 - Columbus, Georgia, USA



7 - Itu, São Paulo, Brazil



8 - Jedburgh, Scotland



9 - Suzhou, China



# STARRETT WORLDWIDE

Hole Saw Depth	16mm 5/8"
<5mm	✓
Rec. Cutting Depth	3-13mm
>13mm	✗
Metal Inx (Stainless)	★
Non Ferrous Materials	★
Fibreglass	★
Size Range	15 - 100mm
Catalogue Number	SM

Hole Saw Depth	25mm 1"
<3mm	✓
Rec. Cutting Depth	3-13mm
>13mm	✓
Metal Inx (Stainless)	★
Non Ferrous Materials	★
Cast Iron	★
Fibreglass	★
Size Range	15 - 100mm
Catalogue Number	CTD

Hole Saw Depth	54mm 2.1/8"
<3mm	✓
Rec. Cutting Depth	3-13mm
>13mm	✓
Wood	★
Veneer	★
MDF	★
Plastic	★
Acrylic	★
Ceramic	★
Fibreglass	★
Formica	★
Plaster	★
Size Range	19 - 159mm
Catalogue Number	MPH

Hole Saw Depth	41mm 1.5/8"
<3mm	✓
Rec. Cutting Depth	3-13mm
>13mm	✓
Cast Iron	★
Wood	★
Nail Embedded Wood	★
Veneer	★
Plastic	★
Acrylic	★
Ceramic	★
Fibreglass	★
Formica	★
Plaster	★
Suspended Floors	★
Brick and Masonry	★
Size Range	19 - 152mm
Catalogue Number	CT

Hole Saw Depth	41mm 1.5/8"
<3mm	✓
Rec. Cutting Depth	3-13mm
>13mm	✓
Ceramic	★
Porcelain / Glass / Stone	★
Marble / Granite	★
Fibreglass	★
Brick and Masonry	★
Size Range	14 - 152mm
Catalogue Number	D

## Diamond Grit

Hole Saw Depth	20mm 25/32"
Size Range	5 - 12mm
Catalogue Number	D

## Diamond Tile Drills

TCT  
Stainless  
Steel



Carbide  
Deep Cut



TCT Multi Purpose



Carbide Tipped



Cutting Performance

Excellent



Good



Hole Saw Depth	Diameter Dependent
<3mm	<input type="checkbox"/>
Rec. Cutting Depth	
3-13mm	<input type="checkbox"/>
>13mm	<input checked="" type="checkbox"/>
Brick and Masonry	★
300mm	22mm & 28mm
150mm	≥ 38mm
Size Range	22 - 152mm
Catalogue Number	BMC

Diamond  
Dri-Core Drill



Hole Saw Depth	51mm 2"
<3mm	<input type="checkbox"/>
Rec. Cutting Depth	
3-13mm	<input checked="" type="checkbox"/>
>13mm	<input checked="" type="checkbox"/>
• Metal	★
• Inox (Stainless)	★
• Non Ferrous Materials	★
Cast Iron	★
Wood	★
Veneer	★
Plastic	★
Acrylic	★
Fibreglass	★
Formica	★
Plaster	★
Suspended Floors	★
Size Range	19 - 210mm
Catalogue Number	DCH

Bi-Metal Deep Cut



Hole Saw Depth	41mm 1.5/8"
<3mm	<input checked="" type="checkbox"/>
Rec. Cutting Depth	
3-13mm	<input checked="" type="checkbox"/>
>13mm	<input type="checkbox"/>
• Metal	★
• Inox (Stainless)	★
• Non Ferrous Materials	★
Cast Iron	★
Wood	★
Veneer	★
Plastic	★
Acrylic	★
Fibreglass	★
Formica	★
Plaster	★
Suspended Floors	★
Size Range	14 - 210mm
Catalogue Number	FCH

Bi-Metal Fast Cut




Hole Saw Depth	13mm 1/2"
<3mm	<input checked="" type="checkbox"/>
Rec. Cutting Depth	
3-13mm	<input type="checkbox"/>
>13mm	<input type="checkbox"/>
• Metal	★
• Inox (Stainless)	★
• Non Ferrous Materials	★
Wood	★
Veneer	★
Plastic	★
Acrylic	★
Fibreglass	★
Formica	★
Size Range	16 - 51mm
Catalogue Number	CSC

Bi-Metal  
Cordless  
Smooth Cut



MANUFACTURING QUALITY  
HOLE SAWS SINCE 1978

HOLE SAWS

HOLE SAW APPLICATION GUIDE									
Material Thickness and Application	BI-METAL			TUNGSTEN CARBIDE TIPPED			DIAMOND GRIT		
	Cordless Smooth Cut	Fast Cut	Deep Cut	Carbide Tipped	Multi Purpose	Stainless Steel	Carbide Deep Cut	Diamond Hole Saw / Tile Drill	Brick & Masonry Dri Core Drill
Catalogue Number	CSC	FCH	DCH	CT	MPH	SM	CTD	D	BMC
Hole Saw Depth	13mm 1/2"	41mm 1.5/8"	51mm 2"	41mm 1.5/8"	54mm 2.1/8"	16mm 5/8"	25mm 1"	Diameter dependent	Diameter dependent
Recommended Cutting Depths	<3mm	✓	✓		✓	✓	✓	✓	
	3-13mm		✓	✓	✓		✓	✓	
	>13mm			✓	✓		✓	✓	✓
<ul style="list-style-type: none"> <li>• Metal</li> <li>• Inox (Stainless)</li> <li>• Non Ferrous Materials</li> </ul>		★	★	★			★	★	
		★	★	★			★	★	
Cast iron			★	★	★		★		
Wood		★	★	★	★				
Nail Embedded Wood					★				
Veneer		★	★	★	★	★			
MDF					★				
Plastic		★	★	★	★	★			
Acrylic		★	★	★	★	★			
Fibreglass		★	★	★	★	★	★	★	
Formica		★	★	★	★	★			
Plaster			★	★	★	★			
Suspended Floors			★	★	★				
Ceramic					★	★		★	
Porcelain / Glass / Stone								★	
Brick and Masonry					★	★		★	★
Cutting Performance	Excellent	★			Good	★	For hole saw cutting speed recommendations please see Appendix One on page 78.		

## BI-METAL CSC CORDLESS SMOOTH CUT

Complete hole saw assembly including arbor, pilot drill and ejector spring, specifically for cordless power tools. Heat resistant high speed steel edge, with alloy backing and constant pitch of 8 TPI for stainless and mild sheet steel, plasterboard, wood and thin non-metallics.



### FEATURES

- Ideal for cutting stainless, tool & mild steel sheeting, wood and thin plastics.
- Safety stop at the base of the hole saw prevents saw travel beyond the hole saw depth - 13mm (1/2").
- Complete assembly - arbor, pilot drill and ejector spring included.
- Constant pitch teeth provide exceptionally smooth cuts. Pitch 8 teeth per 25mm / inch.
- Recommended cutting depth 3mm.

Cat. No.	Diameter	
	mm	Inch
CSC16	16mm	5/8"
CSC19	19mm	3/4"
CSC20	20mm	25/32"
CSC22	22mm	7/8"
CSC25	25mm	1"
CSC27	27mm	1.1/16"
CSC29	29mm	1.1/8"
CSC30	30mm	1.3/16"
CSC32	32mm	1.1/4"
CSC35	35mm	1.3/8"
CSC38	38mm	1.1/2"
CSC40	40mm	1.9/16"
CSC51	51mm	2"



General Purpose Kit 1  
KCS06001












Description	Cat. No.	Hole Saw Sizes	Arbors and Accessories
General Purpose Kit	KCS07011	16mm, 20mm, 25mm, 29mm, 30mm, 32mm & 38mm	A18 Dual Hex Chuck
General Purpose Kit 1	KCS06001	16mm, 20mm, 22mm, 25mm, 32mm & 40mm	-
Electricians Kit	KCS03001	20mm, 25mm, & 32mm	-

Cutting Performance		
Excellent		★
Good		☆
Hole Saw Depth	13mm 1/2"	
Rec. Cutting Depth	<3mm	☑
• Metal • Inox (Stainless) • Non Ferrous Materials		★
Wood		☆
Veneer		☆
Plastic		★
Acrylic		☆
Fibreglass		☆
Formica		☆

# FAST CUT BI-METAL FCH

The Fast Cut Saw combines a new tooth material, with enhanced heat and wear resistance, and a new tooth design, providing a smoother, faster cut on a wide range of materials, when compared against the previous Constant Pitch Saw. Specifically suited to cutting stainless and mild steel sheet, the Fast Cut will also cut through tubes with a wall thickness of up to 3mm (1/8").

Description	Cat No	Hole Saw Sizes	Arbors and Accessories
General Purpose Kit	KFC06023	22mm, 29mm, 35mm, 44mm, 51mm & 64mm	A1 & A10 Arbors
Electricians Kit	KFC06022	16mm, 20mm, 25mm, 29mm, 44mm & 51mm	A1 & A10 Arbors
Electricians Kit 1	KFC06021	16mm, 20mm, 25mm, 32mm, 40mm & 51mm	A1 & A10 Arbors
Ulti Mate Electricians Kit	KFC06071	16mm, 20mm, 25mm, 32mm, 40mm & 51mm	A3 Ulti Mate Arbor 6 Ulti Mate Arbor Adapters
Deluxe Electricians Kit	KFC11021	16mm, 20mm, 22mm, 25mm, 29mm, 35mm, 44mm, 51mm, 64mm, 68mm & 76mm	A1 & A2 Arbors
Plumbers Kit	KFC07021	19mm, 22mm, 29mm, 38mm, 44mm, 51mm & 57mm	A1 & A10 Arbors
Deluxe Plumbers Kit	KFC11022	16mm, 19mm, 22mm, 29mm, 35mm, 38mm, 44mm, 51mm, 57mm, 65mm & 68mm	A1 & A2 Arbors
Plumbers and Electricians Kit	KFC12021	16mm, 20mm, 22mm, 29mm, 35mm, 38mm, 40mm, 44mm, 51mm, 57mm, 65mm & 68mm	A1 & A2 Arbors
Universal Kit	KFC14021	16mm, 20mm, 22mm, 25mm, 29mm, 32mm, 35mm, 38mm, 44mm, 51mm, 57mm, 64mm, 68mm & 76mm	A1 & A2 Arbors
Universal Kit 2	KFC11031	19mm, 22mm, 25mm, 32mm, 35mm, 38mm, 44mm, 51mm, 57mm, 64mm & 76mm	A1 & A2 Arbors A5 Extension

Cutting Performance		
Excellent		★
Good		☆
Hole Saw Depth	41mm 1.5/8"	
Rec. Cutting Depth	up to 13mm	☑
• Metal		★
• Inox (Stainless)		★
• Non Ferrous Materials		★
Cast iron		★
Wood		☆
Veneer		☆
Plastic		★
Acrylic		☆
Fibreglass		☆
Formica		☆
Plaster		☆
Suspended Floors		☆

POS Packaging with Kit Contents.

EVA Case for Unbreakable Protection.





## BI-METAL HOLE SAWS



## FASTER & SMOOTHER

The Fast Cut Bi-Metal Hole Saws contain an extra cobalt HSS tooth material for enhanced heat and wear resistance, along with a new 5.5 TPI positive rake tooth design, to ensure a smoother and faster cut when compared against our previous Constant Pitch Hole Saw. Specifically designed to cut stainless steel, metals and mild steel sheet, the Fast Cut Saws will also cut through wood, plastic, plaster and other materials.

Recommended cutting depth - up to 13mm (1/2") in softer materials.

### FEATURES

- New tooth material with extra cobalt for enhanced heat and wear resistance - improving the product life.
- The 5.5 TPI positive rake tooth form provides less torque for a smoother, faster cut in all materials.
- 30% extra gullet volume for better material penetration.
- Ideal for 3mm stainless steel, mild steel sheet and tubes and other materials with a thickness of up to 13mm (1/2").
- Size range: 14mm - 210mm (9/16" - 8.9/32").
- 41mm (1.5/8") hole saw depth.

Cat. No.	Diameter		Appropriate Arbors
	mm	Inch	
FCH0096	14mm	9/16"	
FCH0058	16mm	5/8"	
FCH1016	17mm	11/16"	A1
FCH0034	19mm	3/4"	A4
FCH2532	20mm	25/32"	
FCH1036	21mm	13/16"	A1-1 (SDS plus)
FCH0078	22mm	7/8"	
FCH1056	24mm	15/16"	A3 & A3-3 (Ulti-Mate)
FCH0100	25mm	1"	A6 & A6-2 (Kwik-Change)
FCH0116	27mm	1.1/16"	
FCH0118	29mm	1.1/8"	
FCH0136	30mm	1.3/16"	
FCH0114	32mm	1.1/4"	
FCH0156	33mm	1.5/16"	
FCH0138	35mm	1.3/8"	
FCH0176	37mm	1.7/16"	
FCH0112	38mm	1.1/2"	
FCH0196	40mm	1.9/16"	
FCH0158	41mm	1.5/8"	
FCH1116	43mm	1.11/16"	
FCH0134	44mm	1.3/4"	
FCH1136	46mm	1.13/16"	
FCH0178	48mm	1.7/8"	
FCH0200	51mm	2"	A2
FCH0216	52mm	2.1/16"	A10
FCH0218	54mm	2.1/8"	A17-38 (Locking Arbor)
FCH056M	56mm	2.3/16"	
FCH0214	57mm	2.1/4"	A2-1 (SDS plus)
FCH0256	59mm	2.5/16"	
FCH0238	60mm	2.3/8"	A3 & A3-4 (Ulti-Mate)
FCH0212	64mm	2.1/2"	
FCH0296	65mm	2.9/16"	A6 & A6-3 (Kwik-Change)
FCH0258	67mm	2.5/8"	
FCH068M	68mm	2.11/16"	
FCH0234	70mm	2.3/4"	
FCH0278	73mm	2.7/8"	
FCH0300	76mm	3"	
FCH0318	79mm	3.1/8"	
FCH0314	83mm	3.1/4"	
FCH0338	86mm	3.3/8"	
FCH0312	89mm	3.1/2"	
FCH0358	92mm	3.5/8"	
FCH0334	95mm	3.3/4"	
FCH0378	98mm	3.7/8"	
FCH0400	102mm	4"	
FCH0418	105mm	4.1/8"	A2
FCH0414	108mm	4.1/4"	A10
FCH0438	111mm	4.3/8"	A17-38
FCH0412	114mm	4.1/2"	
FCH0434	121mm	4.3/4"	A2-1
FCH0500	127mm	5"	A3 & A3-5
FCH0514	133mm	5.1/4"	A6 & A6-3
FCH0512	140mm	5.1/2"	
FCH0600	152mm	6"	
FCH160M	160mm	6.5/16"	A2 or A10
FCH168M	168mm	6.5/8"	A17-38
FCH177M	177mm	6.31/32"	A2-1
FCH210M	210mm	8.9/32"	A3 & A3-5

# DEEP CUT BI-METAL DCH

The Deep Cut Saw combines the tried and tested tooth form from the previous Dual Pitch product, with a new tooth material for enhanced heat and wear resistance. The Deep Cut Saw also features an increased hole saw depth of 51mm (2"), and is ideal for cutting metal of more than 3mm thickness, tubes with a wall thickness of greater than 3mm and wood up to 51mm (2") thick.

Description	Cat No	Hole Saw Sizes	Arbors and Accessories
General Purpose Kit	KDC06021	22mm, 29mm, 35mm, 44mm, 51mm & 64mm	A1E & A10E Arbors
Electricians Kit	KDC05021	20mm, 25mm, 29mm, 44mm & 51mm	A1E & A10E Arbors
Deluxe Electricians Kit	KDC10021	20mm, 22mm, 25mm, 29mm, 35mm, 44mm, 51mm, 64mm, 68mm & 76mm	A1E & A2E Arbors
Plumbers Kit	KDC07021	19mm, 22mm, 29mm, 38mm, 44mm, 51mm & 57mm	A1E & A10E Arbors
Deluxe Plumbers Kit	KDC10022	19mm, 22mm, 29mm, 35mm, 38mm, 44mm, 51mm, 57mm, 65mm & 68mm	A1E & A2E Arbors
Universal Kit	KDC13021	20mm, 22mm, 25mm, 29mm, 32mm, 35mm, 38mm, 44mm, 51mm, 57mm, 64mm, 68mm & 76mm	A1E & A2E Arbors

Cutting Performance		
Excellent		★
Good		★
Hole Saw Depth	51mm 2"	
Rec. Cutting Depth	3-13mm	☑
	>13mm	☑
• Metal		★
• Inox (Stainless)		★
• Non Ferrous Materials		★
Cast iron		★
Wood		★
Veneer		★
Plastic		★
Acrylic		★
Fibreglass		★
Formica		★
Plaster		★
Suspended Floors		★

POS Packaging with Kit Contents.

EVA Case for Unbreakable Protection.





## BI-METAL HOLE SAWS



## DEEPER & STRONGER

The Deep Cut Bi-Metal Hole Saws combine the aggressive tooth form from our previous Dual Pitch Hole Saws, with the new extra cobalt HSS teeth to provide enhanced heat and wear resistance. Featuring a 10mm increase in hole saw depth and aggressive material penetration and kerf clearance, it is the complete multi-purpose hole saw to penetrate deep into metals, wood, plastic, plaster and other materials.

Recommended cutting depth - greater than 3mm (1/8").

### FEATURES

- 51mm (2") hole saw depth improves cutting performance on tubes, particularly where there is a need to cut through both sides.
- New tooth material with extra cobalt for enhanced heat and wear resistance - improving the product life.
- Ideal for solid materials greater than 3mm (1/8") in thickness.
- Aggressive material penetration and kerf clearance.
- Size range: 19mm - 210mm (3/4" - 8.9/32").
- 51mm (2") hole saw depth - requires arbors with an extended length pilot drill (e.g. A1E, A2E or A17-38E etc.).

Cat. No.	Diameter		Appropriate Arbors
	mm	Inch	
DCH0034	19mm	3/4"	A1E
DCH2532	20mm	25/32"	A4E
DCH1036	21mm	13/16"	A1-1E (SDS-plus)
DCH0078	22mm	7/8"	A3 & A3-3 (Ulti-Mate)
DCH1056	24mm	15/16"	A6 & A6-2 (Kwik-Change)
DCH0100	25mm	1"	
DCH0116	27mm	1.1/16"	
DCH0118	29mm	1.1/8"	
DCH0136	30mm	1.3/16"	
DCH0114	32mm	1.1/4"	
DCH0156	33mm	1.5/16"	
DCH0138	35mm	1.3/8"	
DCH0176	37mm	1.7/16"	
DCH0112	38mm	1.1/2"	
DCH0196	40mm	1.9/16"	
DCH0158	41mm	1.5/8"	
DCH1116	43mm	1.11/16"	
DCH0134	44mm	1.3/4"	
DCH1136	46mm	1.13/16"	
DCH0178	48mm	1.7/8"	
DCH0200	51mm	2"	A2E Quick-Hitch
DCH0216	52mm	2.1/16"	A10E Quick-Hitch
DCH0218	54mm	2.1/8"	A17-38E (Locking Arbor)
DCH056M	56mm	2.3/16"	A2-1E (SDS plus)
DCH0214	57mm	2.1/4"	A3 & A3-4 (Ulti-Mate)
DCH0256	59mm	2.5/16"	A6 & A6-3 (Kwik-Change)
DCH0238	60mm	2.3/8"	
DCH0212	64mm	2.1/2"	
DCH0296	65mm	2.9/16"	
DCH0258	67mm	2.5/8"	
DCH068M	68mm	2.11/16"	
DCH0234	70mm	2.3/4"	
DCH0278	73mm	2.7/8"	
DCH0300	76mm	3"	
DCH0318	79mm	3.1/8"	
DCH0314	83mm	3.1/4"	
DCH0338	86mm	3.3/8"	
DCH0312	89mm	3.1/2"	
DCH0358	92mm	3.5/8"	
DCH0334	95mm	3.3/4"	
DCH0378	98mm	3.7/8"	
DCH0400	102mm	4"	
DCH0418	105mm	4.1/8"	A2E
DCH0414	108mm	4.1/4"	A10E
DCH0438	111mm	4.3/8"	A17-38E
DCH0412	114mm	4.1/2"	A2-1E (SDS-plus)
DCH0434	121mm	4.3/4"	A3 & A3-5
DCH0500	127mm	5"	A6 & A6-3
DCH0514	133mm	5.1/4"	
DCH0512	140mm	5.1/2"	
DCH0600	152mm	6"	
DCH160M	160mm	6.5/16"	A2E or A10E
DCH168M	168mm	6.5/8"	A17-38E
DCH177M	177mm	6.31/32"	A2-1E
DCH210M	210mm	8.9/32"	A3 & A3-5

## CARBIDE CT

### HIGH PERFORMANCE TRIPLE CHIP TUNGSTEN CARBIDE

CT Hole Saws offer a cost effective solution for cutting nail embedded wood, or virtually any wood and metal combination, reinforced concrete and fibreglass. This saw is particularly suitable where there is a requirement for a high quality surface finish on the entry and exit hole and it also provides a smooth cut when cutting traditional lath and plaster.

Tungsten Carbide Tipped Teeth



### FEATURES

- A cost effective solution for cutting nail embedded wood, any wood and metal combination, reinforced concrete and fibreglass.
- Leaves high quality surface finish on entry and exit and provides a smooth cut.
- Tungsten Carbide Tipped Teeth for outstanding cutting performance and product durability.
- Suitable for use in electric and battery operated tools.
- Hole saw depth of 41mm (1-5/8").

Cat. No.	Diameter		Appropriate Arbors
	mm	Inch	
CT034	19mm	3/4"	A1 or A4 A1-1 (SDS plus) A3 & A3-3 (Ulti-Mate) A6 & A6-2 (Kwik-Change) XA1 or XA4 (Carbide Tipped)
CT2532	20mm	25/32"	
CT078	22mm	7/8"	
CT100	25mm	1"	
CT118	29mm	1.1/8"	
CT114	32mm	1.1/4"	HSS Pilot Drill A2 A10 A17-38 (Locking Arbor) A2-1 (SDS plus)
CT156	33mm	1.5/16"	
CT138	35mm	1.3/8"	
CT112	38mm	1.1/2"	
CT196	40mm	1.9/16"	
CT158	41mm	1.5/8"	
CT134	44mm	1.3/4"	
CT178	48mm	1.7/8"	
CT200	51mm	2"	
CT218	54mm	2.1/8"	
CT056MM	56mm	2.3/16"	Carbide Tipped Arbors XA2 XA10 XA17-38 (Locking Arbor) XA2-1 (SDS plus)
CT214	57mm	2.1/4"	
CT238	60mm	2.3/8"	
CT212	64mm	2.1/2"	
CT258	67mm	2.5/8"	
CT234	70mm	2.3/4"	Ulti-Mate Arbor System A3 & A3-4 for up to 102mm / 4".
CT300	76mm	3"	
CT318	79mm	3.1/8"	
CT314	83mm	3.1/4"	
CT338	86mm	3.3/8"	
CT312	89mm	3.1/2"	A3 & A3-5 for 102mm / 4" and above.
CT358	92mm	3.5/8"	
CT334	95mm	3.3/4"	
CT378	98mm	3.7/8"	
CT400	102mm	4"	
CT418	105mm	4.1/8"	Kwik-Change A6 & A6-3
CT414	108mm	4.1/4"	
CT438	111mm	4.3/8"	
CT412	114mm	4.1/2"	
CT434	121mm	4.3/4"	
CT500	127mm	5"	
CT512	140mm	5.1/2"	
CT600	152mm	6"	

Cutting Performance	
Excellent	★
Good	☆
Hole Saw Depth	41mm 1.5/8"
Rec. Cutting Depth	<3mm <input checked="" type="checkbox"/>
	3-13mm <input checked="" type="checkbox"/>
	>13mm <input checked="" type="checkbox"/>
Cast iron	★
Wood	☆
Nail Embedded Wood	☆










Veneer	★
Plastic	★
Acrylic	★
Ceramic	☆
Fibreglass	★
Formica	★
Plaster	★
Suspended Floors	★
Brick and Masonry	☆

## CARBIDE MPH TUNGSTEN CARBIDE TIPPED MULTI PURPOSE

MPH Hole Saws will power through wood, MDF, plastics, plasterboard and ceramic wall tiles. Cutting speeds will be up to five times faster than a bi-metal hole saw cutting the same material. For tradespeople, our range of kits provide the perfect solution to all your cutting needs.

### FEATURES

- Rapid, heat free stock removal of wood, MDF, plastics, plasterboard, and ceramic tiles.
- Carbide Tipped Teeth for outstanding cutting performance and product durability.
- Smooth cutting with minimal heat build up.
- Hole saw depth of 54mm (2.1/8").
- Arbors with extended length pilot drills are available, alternatively fit the longer A014CE pilot drill to our standard arbors.

Hole Saw Depth	54mm 2.1/8"
Rec. Cutting Depth	<div>&lt;3mm <input checked="" type="checkbox"/></div> <div>3-13mm <input checked="" type="checkbox"/></div> <div>&gt;13mm <input checked="" type="checkbox"/></div>
Wood	 ★
Veneer	 ★
MDF	 ★
Plastic	 ★
Acrylic	 ★
Ceramic	 ★
Fibreglass	 ★
Formica	 ★
Plaster	 ★

Cutting Performance	
Excellent	★
Good	★



Cat. No.	Diameter		Appropriate Arbors
	mm	Inch	
MPH0034	19mm	3/4"	Extended Length HSS Drill A1E A4E A1-1E (SDS-plus) A3 & A3-3 (Ulti-Mate) A6 & A6-2 (Kwik-Change)
MPH2532	20mm	25/32"	
MPH0078	22mm	7/8"	
MPH0100	25mm	1"	
MPH0116	27mm	1.1/16"	Carbide Tipped Arbors XA1 XA4
MPH0118	29mm	1.1/8"	
MPH0136	30mm	1.3/16"	
MPH0114	32mm	1.1/4"	
MPH0138	35mm	1.3/8"	Extended Length HSS Drill A2E Quick-Hitch A10E Quick-Hitch A17-38E Locking Arbor A2-1E (SDS plus) Carbide Tipped Arbors XA2 XA10 XA17-38 Locking Arbor XA2-1 (SDS plus) Ulti-Mate Arbor System A3 & A3-4 for up to 102mm / 4". A3 & A3-5 for 102mm / 4" and above. Kwik-Change A6 & A6-3 for up to 152mm / 6".
MPH0112	38mm	1.1/2"	
MPH0196	40mm	1.9/16"	
MPH0158	41mm	1.5/8"	
MPH0134	44mm	1.3/4"	
MPH0178	48mm	1.7/8"	
MPH0200	51mm	2"	
MPH0218	54mm	2.1/8"	
MPH0214	57mm	2.1/4"	
MPH0238	60mm	2.3/8"	
MPH0212	64mm	2.1/2"	
MPH0296	65mm	2.9/16"	
MPH0258	67mm	2.5/8"	
MPH68MM	68mm	2.11/16"	
MPH0234	70mm	2.3/4"	
MPH0278	73mm	2.7/8"	
MPH0300	76mm	3"	
MPH0318	79mm	3.1/8"	
MPH0314	83mm	3.1/4"	
MPH0338	86mm	3.3/8"	
MPH0312	89mm	3.1/2"	
MPH0358	92mm	3.5/8"	
MPH0334	95mm	3.3/4"	
MPH0378	98mm	3.7/8"	
MPH0400	102mm	4"	
MPH0418	105mm	4.1/8"	
MPH0414	108mm	4.1/4"	
MPH0456	109mm	4.5/16"	
MPH0438	111mm	4.3/8"	
MPH0412	114mm	4.1/2"	
MPH0458	118mm	4.5/8"	
MPH0434	121mm	4.3/4"	
MPH0500	127mm	5"	
MPH0512	140mm	5.1/2"	
MPH0600	152mm	6"	
MPH0614	159mm	6.1/4"	

Description	Cat No	Hole Saw Sizes	Arbors and Accessories
General Purpose Kit 1	KMP09021	19mm, 22mm, 29mm, 35mm, 44mm, 51mm, 57mm, 64mm & 68mm	A1E & A17-38E FREE XA014C
General Purpose Kit 2	KMP11021	19mm, 22mm, 29mm, 35mm, 38mm, 44mm, 51mm, 57mm, 64mm, 68mm & 76mm	A1E & A17-38E FREE XA014C
Downlight Hole Saw Kit	KMP12011	35mm, 40mm, 44mm, 51mm, 60mm, 65mm, 70mm, 73mm, 76mm, 83mm, 86mm, & 92mm	XA17-38 (supplied with carbide tipped pilot drill)

# CARBIDE SM STAINLESS STEEL [SHEET METAL]



## SPLIT-POINT DRILL

Faster penetration and self-centering helps keep the drill on target and prevents wandering

## PROGRESSIVE CARBIDE TOOTH GRIND

Faster cuts with minimal snagging, better swarf removal - minimising heat build up and prolonging the saws life. New shallow gullet design increases tooth strength

## SAFETY STOP COLLAR

Prevents the base of the saw from pushing through the material

## STEP DRILL

Faster cuts in thinner materials

## EJECTOR SPRING

For easy core removal

## SOLID ONE PIECE CONSTRUCTION



Ideal for cutting stainless and high alloy steels, non ferrous light metals and reinforced fabrics, at a much faster speed than is possible with a bi-metal hole saw.

The tough Tungsten Carbide Tipped Teeth have a positive cutting angle which provides fast and efficient removal of chips and swarf, recommended cutting depth is 5mm (3/16").

## FEATURES

- Ideal for production cutting, and particularly suitable for use in drills with limited speed control.
- Tungsten Carbide Tipped Teeth provide superb product life and cutting performance.
- Replacement pilot drills are available.
- Complete assembly - there is no requirement to purchase a separate arbor and pilot drill.
- Safety stop at the base of the hole saw prevents saw travel beyond the hole saw depth - 16mm.
- Recommended cutting depth 5mm (3/16").

Description	Cat. No.	Hole Saw Sizes
TCT Stainless Steel / Sheet Metal Hole Saw Kit	KSM07001	16mm, 20mm, 22mm, 25mm, 32mm, 40mm & 50mm

Cat. No.	Diameter	
	mm	Inch
SM15	15mm	19/32"
SM16	16mm	5/8"
SM17	17mm	11/16"
SM18	18mm	23/32"
SM19	19mm	3/4"
SM20	20mm	25/32"
SM21	21mm	13/16"
SM22	22mm	7/8"
SM23	23mm	29/32"
SM24	24mm	15/16"
SM25	25mm	1"
SM26	26mm	1.1/32"
SM27	27mm	1.1/16"
SM28	28mm	1.3/32"
SM29	29mm	1.1/8"
SM30	30mm	1.3/16"
SM31	31mm	1.7/32"
SM32	32mm	1.1/4"
SM33	33mm	1.5/16"
SM34	34mm	1.11/32"
SM35	35mm	1.3/8"
SM36	36mm	1.13/32"
SM37	37mm	1.7/16"
SM38	38mm	1.1/2"
SM39	39mm	1.17/32"
SM40	40mm	1.9/16"
SM45	45mm	1.25/32"
SM50	50mm	1.31/32"
SM51	51mm	2"
SM55	55mm	2.5/32"
SM60	60mm	2.3/8"
SM65	65mm	2.9/16"
SM70	70mm	2.3/4"
SM75	75mm	2.15/16"
SM80	80mm	3.5/32"
SM85	85mm	3.11/32"
SM90	90mm	3.17/32"
SM95	95mm	3.3/4"
SM100	100mm	3.15/16"

Cat No.	Description
SMD6	Replacement Pilot Drill

Hole Saw Depth	16mm 5/8"
Rec. Cutting Depth	≤ 5mm <input checked="" type="checkbox"/>
• Metal	★
• Inox (Stainless)	★
• Non Ferrous Materials	★
Fibreglass	★

## Cutting Performance

Excellent

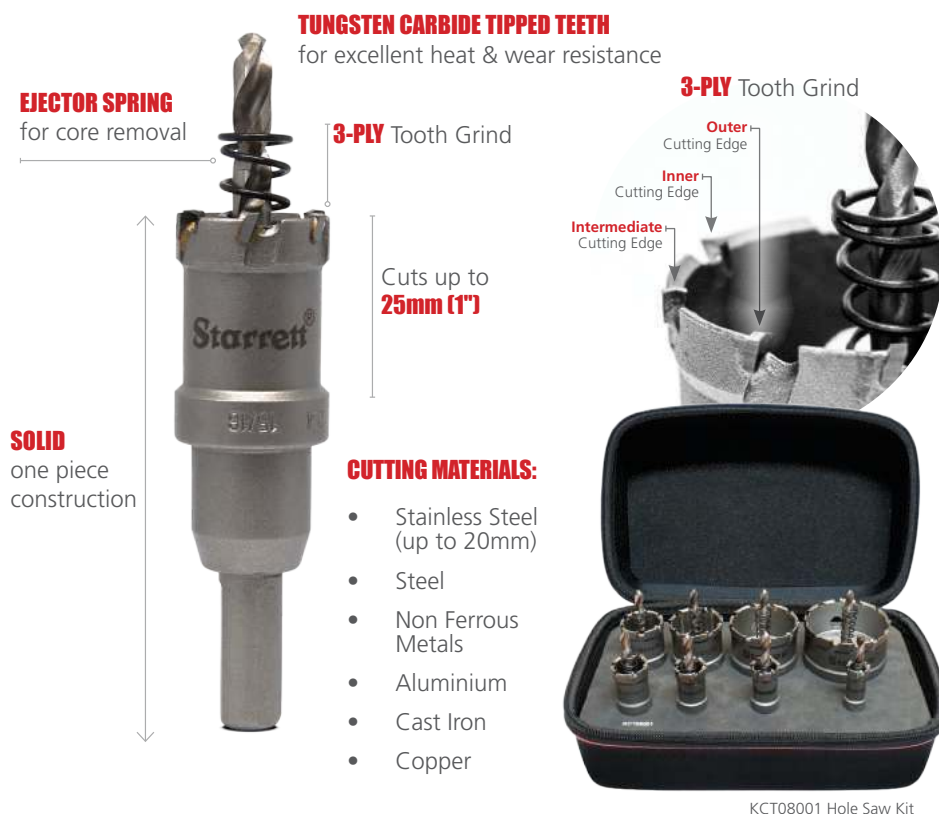


Good



# CARBIDE CTD

## CARBIDE TIPPED DEEP CUT



Hole Saw Depth	25mm 1"
Rec. Cutting Depth	
<3mm	✓
3-13mm	✓
>13mm	✓
Metal Inox (Stainless)	★
Non Ferrous Materials	★
Cast iron	★
Fibreglass	★
<b>Cutting Performance</b>	
Excellent	★
Good	★

The perfect solution for repeated intensive drilling in mild and stainless steel, cast iron, aluminium and copper of all thicknesses up to 25mm (1"). Featuring three different angles ground on to the cutting face of each tooth on the saw. This 3-Ply tooth grind delivers a fast cut, minimal snag when the saw begins the cut, efficient swarf removal minimising heat build up, and maximum saw life.

### FEATURES

- 3-Ply tooth grind on each tooth delivers maximum performance and makes the saw much more robust than 2-Ply equivalents.
- Supplied as one piece with no need for assembly.
- Ejector spring to aid ejection of the core from the saw.

Cat. No.	Diameter	
	mm	Inch
CTD15	15	19/32"
CTD16	16	5/8"
CTD17	17	11/16"
CTD18	18	22/32"
CTD19	19	3/4"
CTD20	20	25/32"
CTD21	21	13/16"
CTD22	22	7/8"
CTD23	23	29/32"
CTD24	24	15/16"
CTD25	25	1"
CTD26	26	1.1/32"
CTD27	27	1.1/16"
CTD28	28	1.3/32"
CTD29	29	1.1/8"
CTD30	30	1.3/16"
CTD32	32	1.1/4"
CTD33	33	1.5/16"
CTD34	34	1.11/32"
CTD35	35	1.3/8"
CTD36	36	1.13/32"
CTD38	38	1.1/2"
CTD39	39	1.17/32"
CTD40	40	1.9/16"
CTD45	45	1.25/32"
CTD50	50	1.31/32"
CTD51	51	2"
CTD55	55	2.5/32"
CTD60	60	2.3/8"
CTD64	64	2.1/2"
CTD65	65	2.9/16"
CTD70	70	2.3/4"
CTD75	75	2.15/16"
CTD80	80	2.5/32"
CTD85	85	3.11/32"
CTD90	90	3.17/32"
CTD95	95	3.3/4"
CTD100	100	3.15/16"

Cat No.	Description	
A014F	Replacement Pilot Drill	
A7CT	Replacement Ejector Spring	
Kit Cat. No.	No. of Saws	Hole Saw Diameters
KCT08001	8	16mm 20mm 22mm 25mm 32mm 40mm 51mm 64mm
KCT07001	7	16mm 20mm 22mm 25mm 32mm 40mm 50mm

## DIAMOND D

Cat. No.	Diameter		Appropriate Arbors
	mm	Inch	
D0096	14mm	9/16"	Carbide Tipped Arbors XA1 XA4 XA1-1 (SDS plus)
D0058	16mm	5/8"	
D1016	17mm	11/16"	
D0034	19mm	3/4"	
D2532	20mm	25/32"	
D1036	21mm	13/16"	Kwik-Change with Carbide Tipped Pilot Drill XA015C A6 & A6-2
D0078	22mm	7/8"	
D1056	24mm	15/16"	
D0100	25mm	1"	
D0116	27mm	1.1/16"	
D0118	29mm	1.1/8"	Carbide Tipped Arbors XA2 XA10 XA17-38 Locking Arbor XA2-1 (SDS plus)
D0136	30mm	1.3/16"	
D0114	32mm	1.1/4"	
D0156	33mm	1.5/16"	
D0138	35mm	1.3/8"	
D0176	37mm	1.7/16"	Kwik-Change with Carbide Tipped Pilot Drill XA015C A6 & A6-3 for up to 152mm / 6"
D0112	38mm	1.1/2"	
D0196	40mm	1.9/16"	
D0158	41mm	1.5/8"	
D1116	43mm	1.11/16"	
D0134	44mm	1.3/4"	Carbide Tipped Arbors XA2 XA10 XA17-38 Locking Arbor XA2-1 (SDS plus)
D1136	46mm	1.13/16"	
D0178	48mm	1.7/8"	
D0200	51mm	2"	
D0216	52mm	2.1/16"	
D0218	54mm	2.1/8"	Kwik-Change with Carbide Tipped Pilot Drill XA015C A6 & A6-3 for up to 152mm / 6"
D56MM	56mm	2.3/16"	
D0214	57mm	2.1/4"	
D0256	59mm	2.5/16"	
D0238	60mm	2.3/8"	
D0212	64mm	2.1/2"	Kwik-Change with Carbide Tipped Pilot Drill XA015C A6 & A6-3 for up to 152mm / 6"
D0296	65mm	2.9/16"	
D0258	67mm	2.5/8"	
D68MM	68mm	2.11/16"	
D0234	70mm	2.3/4"	
D0278	73mm	2.7/8"	Carbide Tipped Arbors XA2 XA10 XA17-38 Locking Arbor XA2-1 (SDS plus)
D0300	76mm	3"	
D0318	79mm	3.1/8"	
D0314	83mm	3.1/4"	
D0338	86mm	3.3/8"	
D0312	89mm	3.1/2"	Kwik-Change with Carbide Tipped Pilot Drill XA015C A6 & A6-3 for up to 152mm / 6"
D0358	92mm	3.5/8"	
D0334	95mm	3.3/4"	
D0378	98mm	3.7/8"	
D0400	102mm	4"	
D0418	105mm	4.1/8"	Carbide Tipped Arbors XA2 XA10 XA17-38 Locking Arbor XA2-1 (SDS plus)
D0414	108mm	4.1/4"	
D0438	111mm	4.3/8"	
D0412	114mm	4.1/2"	
D0434	121mm	4.3/4"	
D0500	127mm	5"	Kwik-Change with Carbide Tipped Pilot Drill XA015C A6 & A6-3 for up to 152mm / 6"
D0512	140mm	5.1/2"	
D0600	152mm	6"	

## DIAMOND GRIT HOLE SAWS

High performance saws for non-metallics. Synthetic diamond grit bonded over a durable steel platform. Capable of cutting through porcelain, glass, ceramics, brick and stone, these hole saws are the ideal solution in the toughest of cutting situations.

### FEATURES

- Small diameter hole saws are perfect for kitchen and bathroom installations.
- Smooth surface finish, ideal when cutting glass and porcelain.
- Arbors with carbide tipped pilot drills available.
- Hole saw depth of 41mm (1.5/8").



Note: Diamond Tile Drills and Hole Saws should always be cooled with water.

Hole Saw Depth	Tile Drill Depth	
<3mm	41mm (1.5/8") 20mm (25/32")	<input checked="" type="checkbox"/>
Rec. Cutting Depth	3-13mm	<input checked="" type="checkbox"/>
	>13mm	<input checked="" type="checkbox"/>
Ceramic		★
Porcelain / Glass / Stone		★
Marble / Granite		★
Fibreglass		★
Brick and Masonry		★
Cutting Performance		
Excellent		★
Good		☆

## DIAMOND GRIT TILE DRILLS

Cat. No.	Diameter	
	mm	Inch
D0005	5mm	3/16"
D0006	6mm	15/64"
D0065	6.5mm	1/4"
D0008	8mm	5/16"
D0010	10mm	3/8"
D0012	12mm	1/2"



- Able to cut rapidly through porcelain, glass, ceramics, brick and stone.
- Perfect for kitchen and bathroom installations.
- Smooth surface finish.
- Arbor and drill not required.



Description	Diamond Tile Drill Kit 2
Cat. No.	KD2000TD1
Tile Drill Sizes	5mm, 6mm, 6.5mm, 8mm, 10mm & 12mm
Accessories	Core Ejector Pin

Cat. No.	Size Range
DTDG01	5mm - 12mm



Cat. No.	WCD01
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TILE DRILL KIT. DRILL GUIDE & WATER BOTTLE

# DIAMOND BMC

## DIAMOND DRI-CORE DRILLS

Designed for intensive dry cutting on brickwork and blockwork, and particularly suitable for plumbers, electricians and other installation engineers, our Dri-Core Drills will be invaluable in the construction of flues, air vents and plumbing or electrical channels.



22mm & 28mm Drill Depth		300mm
38mm to 152mm Drill Depth		150mm
Rec. Cutting Depth	>13mm	<input checked="" type="checkbox"/>
Brick and Masonry		★
Cutting Performance		
Excellent		★
Good		☆

### FEATURES

- Faster rate of cut than TCT alternatives with less pressure required.
- 300mm saw length on 22 and 28mm diameter saws. 150mm saw length on all other diameters.
- **Note:** not for use on reinforced concrete.



Cat. No.	Size	
	mm	Inch
BMC22	22mm	7/8"
BMC28	28mm	1.3/32"
BMC38	38mm	1.1/2"
BMC42	42mm	1.21/32"
BMC48	48mm	1.7/8"
BMC52	52mm	2.1/16"
BMC65	65mm	2.9/16"
BMC78	78mm	3.1/16"
BMC102	102mm	4"
BMC107	107mm	4.7/32"
BMC117	117mm	4.19/32"
BMC127	127mm	5"
BMC152	152mm	6"



DIAMOND DRI-CORE DRILLS

Arbors & Accessories	Cat. No.
SDS Adapter	BMA2
Hex Adapter	BMA1
240mm SDS Adapter	BMA2240
240mm Hex Adapter	BMA1240
Pilot Drill - 13 x 200mm	BMA3200
Pilot Drill - 13 x 350mm	BMA3350
150 mm Extension	BMA4150
250mm Extension	BMA4250
Drift Key	BMA5

Description	Cat No	Core Drill Sizes	Arbors	Accessories
Diamond Dri-Core Drill Kit	BMKIT1	38mm, 52mm, 65mm, 117mm & 127mm	BMA1, BMA2, BMA1240 & BMA2240	BMA3200 Pilot Drill & BMA5 Drift Key



## ARBORS AND ACCESSORIES ULTI-MATE RAPID RELEASE ARBOR SYSTEM

**SUPER FAST TOOL FREE CHANGES BETWEEN DIFFERENT DIAMETERS AND TYPES OF HOLE SAW AND EASIER CORE EJECTION!**

Ulti-Mate from Starrett offers super fast, tool free changes between different diameters and types of hole saw, without adjustment of the drill chuck. Removal of cores from a hole saw after a cut is also much improved by the rapid release of the hole saw from the arbor.



Cat. No.	Description
A3	ULTI-MATE hole saw arbor with pilot drill
A3-6	ULTI-MATE hole saw arbor with pilot drill and one of each of the standard hole saw adapters
A3-3	Three ULTI-MATE hole saw adapters, suitable for hole saws from 14mm - 30mm / 9/16" - 1.3/16"
A3-4	Three ULTI-MATE hole saw adapters, suitable for hole saws from 32mm - 102mm / 1.1/4" - 4"
A3-5	ULTI-MATE hole saw adapter, suitable for heavy duty cutting on large diameter saws (102mm / 4" and greater)
A3-7	ULTI-MATE hole saw arbor with pilot drill, 20mm / 25/32" and 25mm / 1" Fast Cut Hole Saws and hole saw adapters.
A3-8	ULTI-MATE hole saw arbor with pilot drill, 20mm / 25/32" and 25mm / 1" Deep Cut Hole Saws and hole saw adapters.

# ULTI-MATE

## Rapid Release Arbor System

ATTACHING A HOLE SAW



LOCKING A HOLE SAW



RELEASING A HOLE SAW



REUSING THE ADAPTERS



### USING THE ULTI-MATE

ATTACHING A HOLE SAW

Screw the appropriate adapter on to the hole saw and push the hole saw and adapter down the drill (1). When the hole saw and adapter can be pushed no further, turn the hole saw and the collar will click on (2).

LOCKING A HOLE SAW

To lock a hole saw on to the ULTI-MATE, turn the collar on the arbor so that the arrow on the base of the arbor and the arrow on the collar are not aligned (1). This will then lock the saw and the arbor together, and ensure that the hole saw cannot be accidentally released whilst drilling.

RELEASING A HOLE SAW

To release the hole saw, align the arrow on the collar and the arrow on the base of the arbor (1) and pull the collar back (2). The saw will then be released. The release is spring loaded so please take care when releasing the saw.

REUSING THE HOLE SAW ADAPTERS

Once the hole saw has come to the end of its useful life, the arbor adapters can be reused, even if intensive use has resulted in the adapters becoming very firmly attached to the hole saw. Place the complete assembly in a vice, using the flats on either side of the arbor to hold the assembly still (1). The used hole saw can then be unscrewed from the adapter using a pair of grips or similar tool.





## KWIK-CHANGE ARBOR SYSTEM

FAST, TOOL FREE CHANGES BETWEEN DIFFERENT SIZES AND TYPES OF HOLE SAW, PLUS A SIMPLE METHOD OF CORE EJECTION AND HOLE ENLARGEMENT.

The new Kwik-Change Arbor system from Starrett offers fast, tool free changes between different sizes and types of hole saws, plus a simple method of core ejection and hole enlargement. Suitable for the standard Starrett hole saw range up to 152mm / 6" diameter, Kwik-Change will be an invaluable addition for any regular hole saw user.

### Kwik-Change Arbor and Hole Saw System

Cat No	Description
A6	Kwik-Change Chuck - Hex Shank
A6-1	Kwik-Change Chuck - SDS Shank
A6-2	Kwik-Change Arbor for 14-30mm hole saws
A6-3	Kwik-Change Arbor for 32-152mm hole saws
A015C	Kwik-Change High Speed Steel Pilot Drill
XA015C	Kwik-Change Carbide Tipped Pilot Drill

**KWIK-CHANGE  
BETWEEN HOLE  
SAWS**

**KWIK-CHANGE  
PILOT DRILL**

**CORE EJECTION  
& HOLE  
ENLARGEMENT**

### Kwik-Change Kits | Hex Shank Chuck

Cat No	Description	Kit Contents
A6-4	Kwik-Change Arbor Kit with High Speed Steel Drill	Kwik-Change Chuck, one A6-2 Arbor, one A6-3 Arbor, one A015C Pilot Drill
A6-5	Kwik-Change Arbor Kit with Carbide Tipped Drill	Kwik-Change Chuck, one A6-2 Arbor, one A6-3 Arbor, one XA015C Pilot Drill
A6-8	Kwik-Change Arbor Kit with Fast Cut Hole Saws	Kwik-Change Chuck, two A6-2 Arbors, one A6-3 Arbor, one A015C Pilot Drill, one 20mm (25/32"), one 25mm (1") and one 32mm (1.1/4") Fast Cut Bi Metal Hole Saws
A6-10	Kwik-Change Arbor Kit with Deep Cut Hole Saws	Kwik-Change Chuck, two A6-2 Arbors, one A6-3 Arbor, one A015C Pilot Drill, one 20mm (25/32"), one 25mm (1") and one 32mm (1.1/4") Deep Cut Bi Metal Hole Saws

### Kwik-Change Chuck | SDS Shank Chuck

A6-6	Kwik-Change Arbor Kit with High Speed Steel Drill	Kwik-Change Chuck, one A6-2 Arbor, one A6-3 Arbor, one A015C Pilot Drill
A6-7	Kwik-Change Arbor Kit with Carbide Tipped Drill	Kwik-Change Chuck, one A6-2 Arbor, one A6-3 Arbor, one XA015C Pilot Drill
A6-9	Kwik-Change Arbor Kit with Fast Cut hole Saws	Kwik-Change Chuck, two A6-2 Arbors, one A6-3 Arbor, one A015C Pilot Drill, one 20mm (25/32"), one 25mm (1") and one 32mm (1.1/4") Fast Cut Bi Metal Hole Saws
A6-11	Kwik-Change Arbor Kit with Deep Cut Hole Saws	Kwik-Change Chuck, two A6-2 Arbors, one A6-3 Arbor, one A015C Pilot Drill, one 20mm (25/32"), one 25mm (1") and one 32mm (1.1/4") Deep Cut Bi Metal Hole Saws

## Starrett® KWIK-CHANGE | ARBOR

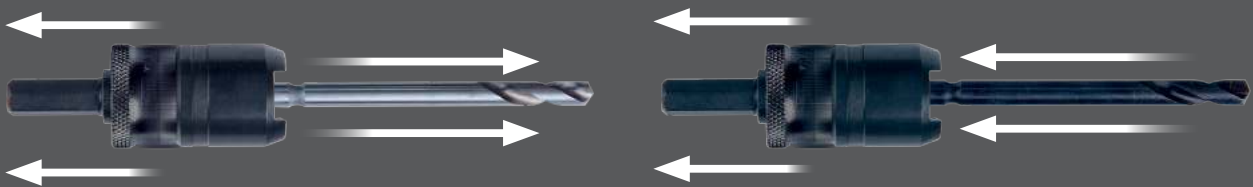
- Attach the arbors to all regularly used hole saws.
- Change between different sizes of saw at the push of a button!



**Push the button on the arbor and pull the hole saw down the pilot drill. To use a new hole saw, push the button on the arbor and slide the hole saw forward to remove it.**

## Starrett® KWIK-CHANGE | PILOT DRILL

- Pull back the chrome collar on the chuck to change the pilot drill.
- No tools required!
- Caution: Pilot drills may be hot after use.



**Pull back the collar on the chuck to remove the pilot drill, to insert a new drill pull back the collar on the chuck and insert the new drill.**

## Starrett® KWIK-CHANGE | HOLE ENLARGEMENT

- Attach arbors to hole saws of the same size as the existing hole and the same size as the required hole.
- Attach the larger diameter hole saw to the Kwik-Change chuck.
- Attach the smaller diameter hole saw to the drill and slide it down inside the larger diameter saw.
- Drill the hole. **This system is recommended for overhead or vertical surfaces only.**

**Attach the larger hole saw to the chuck, slide the smaller of the two hole saws inside the larger hole saw and use it as a pilot for the new, larger hole.**









## Starrett® KWIK-CHANGE | CORE EJECTION

- If the core is stuck in the hole saw after drilling a hole, press the arbor button and slide the hole saw and attached arbor off the drill.
- The pilot drill can then be used to push the core out of the saw using the side flutes or the holes in the base of the saw.
- Caution: Cores may be hot and sharp.



## ARBORS AND ACCESSORIES



For Use With Hole Saw Types		Bi-Metal Fast Cut FCH Carbide Tipped CT	Bi-Metal Deep Cut DCH TCT Multi Purpose MPH	Diamond Grit D Carbide Tipped CT TCT Multi Purpose MPH
Pilot Drill Type		Standard HSS Pilot Drill	Extended Length HSS Pilot Drill	Carbide Tipped Pilot Drill
Fits Hole Saw Diameters mm (inch)	Arbor Shank Sizes mm (inch)	Arbor Catalogue Number	Arbor Catalogue Number	Arbor Catalogue Number
14 - 30mm (9/16" - 1.3/16")	8.75mm (11/32") Hex (excluding SDS-Plus Arbors)	A1	A1E	XA1
		A1-1 	A1-1E 	XA1-1 
	6.5mm (1/4") Hex	A4	A4E	XA4
32 - 210mm (1.1/4" - 8.9/32")	11mm (7/16") Hex (excluding SDS-Plus Arbors)	A2 (Quick-Hitch)	A2E (Quick-Hitch)	XA2 (Quick-Hitch)
		A2-1 (Quick-Hitch) 	A2-1E (Quick-Hitch) 	XA2-1 (Quick-Hitch) 
		A10 (Quick-Hitch)	A10E (Quick-Hitch)	XA10 (Quick-Hitch)
	8.75mm (11/32") Hex	A17-38 Locking Arbor	A17-38E Locking Arbor	XA17-38 Locking Arbor

### QUICK-HITCH ARBORS

#### WITH HSS, HSS EXTENDED LENGTH OR CARBIDE TIPPED PILOT DRILLS

Two locating pins insert into the hole saw cap and prevent the hole saw overtightening on the screw thread. This allows easy and instant hole saw changes without tools and without removing the arbor from the chuck.



### SDS-PLUS ARBOR SHANKS

#### WITH HSS, HSS EXTENDED LENGTH OR CARBIDE TIPPED PILOT DRILLS

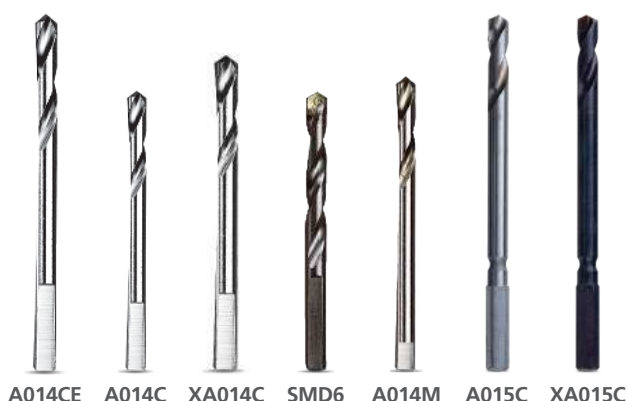
The SDS-Plus shank allows the arbors to be used in SDS-plus rotary hammer drills with the hammer action turned off.

### LOCKING ARBORS

#### WITH HSS, HSS EXTENDED LENGTH OR CARBIDE TIPPED PILOT DRILLS

For use with hole saws diameters 32mm - 210mm (1.1/4" - 8.9/32"), the arbor locks tightly on the saw eliminating vibration and is invaluable on exceptionally tough jobs and production runs.

## ARBOR PILOT DRILL



### HIGH SPEED STEEL PILOT DRILLS

Cat. No.	Fits Starrett Arbor Nos.	For Use with Saw Types
A014C	All Arbors - Except A3	For All FCH Saws
A014CE	Extended Length Pilot Drill Fits All Starrett Arbors except A3 Ulti Mate	For DCH and MPH Hole Saws
SMD6	-	Replacement drill for SM series hole saws
A014F	-	Replacement drill for CTD series hole saws
A014M	Fits Starrett A3 Ulti Mate Arbor	For all FCH, DCH, CT and MPH hole saws
A015C	Fits Starrett A6 Kwik- Change Arbor System	For all FCH, DCH, CT and MPH hole saws

### CARBIDE TIPPED PILOT DRILLS

Cat. No.	Fits Starrett Arbor Nos.	For Use with Saw Types
XA014C	All Arbors	For all CT, MPH and D Series Saws
XA015C	Fits Starrett A6 Kwik- Change Arbor System	For all CT, MPH and D Series Saws

## ARBOR ADAPTOR

Allows use of hole saws  
up to 152mm (6").



Cat. No.	Description
A12	Adaptor screws on to arbors with a 1/2" - 20 screw thread and allows use of hole saws up to 152mm (6")

## DUAL HEX ARBOR ADAPTOR



The Starrett Dual Hex Adaptor allows fast, tool free  
changes between our arbors with a 6.5mm (1/4") or  
8.75mm (11/32") Hex Shank, without adjustment of the  
drill chuck.

- Robust steel construction with hardened centre shaft  
and nose collar for maximum product life.
- 9.5mm (3/8") Shank fits with other branded arbors.

Cat. No.	Description
A18	A1, A1E, XA1, A4, A4E, XA4, A10, A10E, XA10, A17-38, A17-38E, XA17-38 & Cordless Smooth Cut (CSC) Hole Saws.

## ARBOR EXTENSIONS



300mm (12") A15 extension bar.

Cat. No.	For use with...	Fits Chuck Size
A5	A2, A2E, XA2 Arbors	13mm - 1/2"
A15	A1, A1E, XA1, A10, A10E, XA10, A17-38, A17-38E, XA17-38 Arbors	9.5mm - 3/8"

## HOLE ENLARGEMENT ARBOR

Replacing the pilot drill on your arbor, the A19 allows diameters to be enlarged by attaching a saw of the same size to that of the existing hole. This saw then acts as the pilot for the larger diameter saw that is attached to the arbor.



Please note: Hole Saws and Arbor are supplied separately.

Cat. No.	Minimum Hole Enlargement
A19	4.7mm (3/16") between pilot hole saw and cutting saw diameter.



## DEBRIS COLLECTOR

NO CLEAN UP - NO DRILL DAMAGE - NO DEBRIS SPREAD

### FEATURES:

- Bowl flexes with minimal pressure as the hole is sawn.
- Huge potential time saving - there is no need to mask at risk areas prior to sawing or clean up after sawing.
- Keeps dust and other debris out of the motor of the drill.
- Suitable for hole saws up to and including 121mm (4 3/4").
- **STAGE ONE** | Pass the shank of the arbor through the hole at the bottom of the DB2 and attach to the drill in the normal way. Always ensure that the Debris Collector spins freely prior to use.
- **STAGE TWO** | Site the saw for cutting the hole. The Debris Collector can be pulled down to provide a better view of the work area.
- **STAGE THREE** | Drill the hole.
- **STAGE FOUR** | All the dirt and debris from the cut hole is collected inside the Debris Collector.



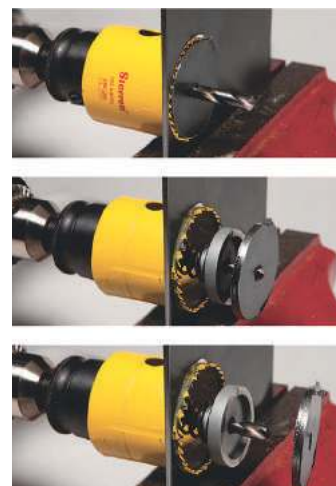
Cat No	Description
DB2	Debris Collector



# HOLE SAW CORE EJECTORS

A SIMPLE, BUT HIGHLY EFFECTIVE METHOD OF EJECTING THE CORE FROM A HOLE SAW AFTER COMPLETION OF THE CUT

- Select the appropriate size of ejector for the hole saw.
- Where it is necessary to assemble the two parts of the core ejector, twist the spring on to the ejector plate until it locks in place.
- Twist the spring on the assembled core ejector over the pilot drill until the pilot drill is protruding from the plate.
- Drill the hole.
- Please note that using the core ejector will reduce the cutting depth of the saw. The table below lists the recommended optimum maximum material thickness for each type of hole saw. The core ejector will function at greater material thicknesses than those listed, however its effectiveness will diminish.



- Assembled core ejector attached to a hole saw.
- After the hole has been drilled, the core can clearly be seen at the end of the pilot drill.

Cat No	Description
KA8-1	Core Ejector   suitable for 20 - 24mm hole saws
KA8-2	Core Ejector   suitable for 25 - 38mm hole saws
KA8-3	Core Ejector   suitable for 40 - 60mm hole saws
KA8-4	Core Ejector   suitable for 64 - 86mm hole saws
KA8-5	Core Ejector   suitable for 89 - 127mm hole saws
KA8-6	Core Ejector   suitable for 133 - 210mm hole saws

Core Ejector Cutting Recommendations	
Hole Saw Product Code	Recommended Maximum Material Thickness
FCH, DCH, CT	7mm
D and MPH	5mm



**PLEASE NOTE** In some applications it is possible that the core may be ejected from the saw at high speed. Please always wear safety glasses and gloves and take extra care if drilling vertically.

# Starrett®

**NEW**

## S1005 PORTABLE BAND SAW

DESIGNED FOR THE PROFESSIONALS

### LITHIUM-ION POWERED

LONG LIFE

**1 YEAR  
WARRANTY**

SAFETY SWITCH

BLADE SPEED  
170 m/min

IDEAL FOR  
REPEATED USE

RESISTS TOUGH IMPACTS

IDEAL FOR CUTTING

MAX Ø 64mm (2.1/2")



**FREE Starrett Tool Bag &  
Starrett Univerz™ Band Saw Blade**

**FREE  
Second  
Battery  
20 V / 2.0 Ah**



20V / 4.0 Ah  
LITHIUM-ION  
BATTERY  
WITH CHARGE  
DISPLAY

COMPACT &  
LIGHTWEIGHT

QUICK RELEASE  
LEVER FOR EASIER  
BLADE CHANGES

OVERMOULDED  
RUBBER HANDLE

Starrett® Univerz™ **50% More Blade Life\***

**bi-metal unique<sup>®</sup>** saw technology 0.35mm Blade Thickness - Designed by Starrett® Specifically for Portable Band Saws

**Blade:** Starrett® Univerz™ Bi-Metal Band Saw Blade  
**Blade Size:** 732mm x 13mm x 0.35mm  
**Tooth Pitches:** 10-14 TPI • 14-18 TPI • 24 TPI

Specifications subject to change without notice. Images for illustration purposes only.

\* When compared with directly comparable blades in other portable band saw machines.



HACKSAWS

## BI-METAL UNIQUE™ HAND HACKSAW BLADES

### SAFE-FLEX™ HIGH SPEED STEEL BLADES

A patented solid state diffusion process produces the industry's most advanced bi-metal hacksaw blade.



#### FEATURES

- Massive increase in tooth strength and reduction in tooth breakage and fracture when compared against traditional bi-metal blades.
- Excellent for interrupted cuts in cramped places or where the blade is subject to bending or twisting stresses.

2 Blades on card	10 Blade Tube Pack	50 Blade Tube Pack	50 Blade Visual Pack	100 Blade Visual Pack	Dimensions Length x Width x Thickness	TPI (25mm)
Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.		
KBS1218-2	KBS1218-10	BS1218	KBS1218-50	KBS1218-100	300mm x 13mm x 0.65mm 12" x 1/2" x .025"	18
KBS1224-2	KBS1224-10	BS1224	KBS1224-50	KBS1224-100		24
KBS1232-2	KBS1232-10	BS1232	KBS1232-50	KBS1232-100		32

## REDSTRIPE® HAND HACKSAW BLADES

### SOLID HIGH SPEED STEEL BLADES



#### FEATURES

- Ideal when the blade is not subject to bending and twisting stresses.
- Uniformly hardened blade holds the edge when cutting hard-to-machine alloys, maintaining the straightness of the cut.

2 Blades on card	10 Blade Tube Pack	50 Blade Tube Pack	50 Blade Visual Pack	-	Dimensions Length x Width x Thickness	TPI (25mm)
Cat. No.	Cat. No.	Cat. No.	Cat. No.	-		
KRS1218-2	KRS1218-10	RS1218	KRS1218-50	-	300mm x 13mm x 0.65mm 12" x 1/2" x .025"	18
KRS1224-2	KRS1224-10	RS1224	KRS1224-50	-		24
KRS1232-2	KRS1232-10	RS1232	KRS1232-50	-		32

## GREY-FLEX® HAND HACKSAW BLADES

### HIGH CARBON STEEL BLADES

These all-purpose blades are an economical alternative when cutting mild steel, copper, brass, aluminium and other similar materials. The blades feature an all carbon construction with a hardened cutting edge and flexible back.



50 Blade Tube Pack	Dimensions Length x Width x Thickness	TPI (25mm)
Cat. No.		
GF1218	300mm x 13mm x 0.65mm 12" x 1/2" x .025"	18
GF1224		24
GF1232		32

# Starrett®

## bi-metal unique™ saw technology

Totally different from other methods of producing bi-metal saw blades, Starrett Unique™ Technology joins two strips of high speed steel wire to a backing steel in a solid phase, using the principle of solid state diffusion bonding.

### ADVANTAGES

- **Massive increase in resistance to tooth breakage and fracture.** Unique™ Blades feature **170% more weld contact area** than standard bi-metal blades as a result of the solid state diffusion bonding process. **This ensures exceptionally strong teeth.**
- **SMOOTHER, FASTER CUTS** - Multi Edge Performance and the Split Chip Advantage generate thinner chips which are more quickly and easily removed from the saw cut. In tests, Unique™ blades proved to be an average of **35% faster than directly competing products.**
- **LONGER BLADE LIFE** - The exceptionally strong teeth, Multi Edge Performance and Split Chip Advantage ensure that Unique™ blades last an average of **35% longer than competing blades.**
- **LOWER COST PER CUT** - The increase in resistance to tooth breakage and fracture, smoother, faster cuts and longer blade life all combine to guarantee one simple benefit - lower cost per cut.

Starrett Bi-Metal Unique™ Saw Technology is currently available in our Safe-Flex™ Hand Hacksaw Blades, Reciprocating Blades and Unified Shank™ Jigsaw Blades.



## HACKSAW FRAMES

### 140

#### CLOSED GRIP

Light duty hacksaw frame accepting 300mm (12") blades. The blades can be tensioned by a single wing nut in the front of frame.

#### FEATURES

- 300mm (12") Starrett Bi-Metal Unique, high speed steel Safe-Flex hacksaw blade included.



Cat. No.	Description
K140	Non-Adjustable Light Duty Hacksaw Frame, Closed Grip

# Starrett®

## EXACT® PLUS

### 145

#### CLOSED GRIP - HIGH TENSION

Easy to use high tension heavy duty hacksaw frame with a closed grip and an efficient adjustment lever.

#### FEATURES

- 300mm (12") Starrett Bi-Metal Unique, high speed steel Safe-Flex hacksaw blade included.
- The handle is covered by rubber overmould for comfortable grip.
- Six turns of the tensioning handle will tension the blade to the recommended point.



Cat. No.	Description
K145	High-Tension Heavy-Duty Hacksaw Frame, Closed Grip

### 146 HOBBY SAW



Cat. No.

146

Ideal for lightweight cutting, particularly suitable for cutting in restricted places, unreachable by conventional hacksaw frames. The Hobby Saw accepts 250mm or 300mm (10" or 12") blades.

## HACKSAW FRAMES

### 147

#### BI-METAL COMPASS SAW

The ideal tool for cutting plasterboard, featuring a heavy-duty, variable pitch, bi-metal blade to cut most materials and provide an extra-long cutting life.

#### FEATURES

- 225mm (9") Starrett Bi-Metal Unique Blade included.
- Heavy duty plastic handle for ideal comfort and the best cutting leverage provides easy cutting.
- The blade rotates full 360° to easily cut at any angle.



Cat. No.	Description
K147	Compass Saw, Bi-Metal

#### REPLACEMENT BLADE FOR 147

#### FEATURES

- Heavy-duty, variable pitch, bi-metal blade cuts most materials and has extra-long cutting life.

Cat. No.	Description
PT26689	225mm (9") replacement blade for 147 compass saw

### 148

#### PVC SAWS

Used for cutting PVC and ABS materials. Also used for cutting plasterboard, plywood and general-purpose cutting.

#### FEATURES

- It is shipped with a 300mm (12") or 450mm (18") blade length.
- Featuring cast aluminium handle.



Cat. No.	Description
148-12	Handle with 300mm (12") Blade
148-18	Handle with 450mm (18") Blade

#### REPLACEMENT BLADE FOR 148

#### FEATURES

- Used for cutting plasterboard, plywood and general purpose cutting.

Cat. No.	Dimensions
PVC-12	300mm(12")
PVC-18	450mm (18")



## BI-METAL HIGH SPEED STEEL TEETH

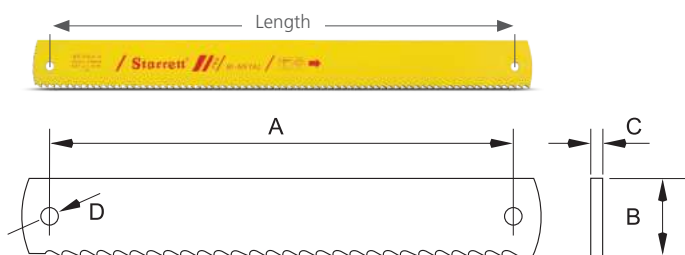
The bi-metal construction of these power hacksaw blades provides exceptional cutting action in a wide variety of applications. The hardened and tempered high speed steel teeth and durable alloy steel backing is resistant to shocks, breakages and can handle irregular shaped work pieces and interrupted cuts.

METRIC LINE			
Dimensions in mm (A x B x C x D)	Teeth per 25mm	Pack Qty	Cat. No.
300 x 34 x 2.00 x 8.50	6	5	BS300-6
	10	5	BS300-10
350 x 34 x 2.00 x 8.50	6	5	BS350-6
	10	5	BS350-10
400 x 34 x 2.00 x 8.50	4	5	BS400-4
	6	5	BS400-6
450 x 41 x 2.00 x 8.50	10	5	BS400-10
	4	5	BS450-4
450 x 41 x 2.00 x 8.50	6	5	BS450-6
	10	5	BS450-10

Blades from 300mm to 450mm in length are packaged and sold 5 blades per plastic tube.

INCH LINE				
Length x Width x Thickness x Diameter		Teeth per inch	Pack Qty	Cat. No.
inch (A x B x C x D)	mm (A x B x C x D)			
12 x 1.1/8 x .050 x .334	300 x 28 x 1.25 x 8.50	10	5	BS1210-5
		14	5	BS1214-5
14 x 1.1/8 x .050 x .334	350 x 28 x 1.25 x 8.50	10	5	BS1410-5
		14	5	BS1414-5
14 x 1.3/8 x .062 x .334	350 x 34 x 1.60 x 8.50	6	5	BS1406-6
		10	5	BS1410-6
14 x 1.5/8 x .075 x .413	350 x 41 x 2.00 x 10.50	4	5	BS1404-7
		6	5	BS1406-7
16 x 1.3/8 x .062 x .334	400 x 34 x 1.60 x 8.50	6	5	BS1606-6
		10	5	BS1610-6
16 x 1.5/8 x .075 x .413	400 x 41 x 2.00 x 10.50	4	5	BS1604-7
		6	5	BS1606-7
17 x 1.3/8 x .062 x .334	425 x 34 x 1.60 x 8.50	10	5	BS1710-6
		6	5	BS1706-6
18 x 1.3/8 x .062 x .413	450 x 34 x 1.60 x 10.50	4	5	BS1804-6
		6	5	BS1806-6
18 x 1.5/8 x .075 x .413	450 x 41 x 2.00 x 10.50	10	5	BS1810-6
		4	5	BS1804-7
18 x 1.7/8 x .088 x .413	450 x 47 x 2.25 x 10.50	6	5	BS1806-7
		10	5	BS1810-7
21 x 1.5/8 x .075 x .413	525 x 41 x 2.00 x 10.50	4	5	BS1804-8
		6	5	BS1806-8
21 x 1.7/8 x .088 x .413	525 x 47 x 2.25 x 10.50	6	1	BS2106-7
		4	1	BS2104-8
24 x 1.7/8 x .088 x .413	600 x 47 x 2.25 x 10.50	6	1	BS2106-8
		4	1	BS2404-8
		6	1	BS2406-8

Blades from 12" to 18" in length are packaged and sold 5 blades per plastic tube.  
Blades from 21" or wider, packaged and sold 1 blade per envelope.





## REDSTRIPE® SOLID HIGH SPEED STEEL

The solid, fully hardened molybdenum high speed steel composition of Redstripe Power Hacksaw Blades delivers extended life and efficient cutting action in a broad range of materials. These blades can withstand heavier feed pressures and provide faster cut rates than blades made from composite designs. Redstripe Power Hacksaw Blades will effectively cut tough alloys such as stainless steels.

METRIC LINE			
Dimensions in mm (A x B x C x D)	Teeth per 25mm	Pack Qty	Cat. No.
300 x 32 x 2.00 x 8.50	6	5	RS300-6
	10	5	RS300-10
350 x 32 x 2.00 x 8.50	6	5	RS350-6
	10	5	RS350-10
400 x 32 x 2.00 x 8.50	4	5	RS400-4
	6	5	RS400-6
	10	5	RS400-10
450 x 38 x 2.00 x 8.50	4	5	RS450-4
	6	5	RS450-6
	10	5	RS450-10
500 x 45 x 2.00 x 10.50	4	5	RS500-4
	6	5	RS500-6
	10	5	RS500-10
550 x 45 x 2.00 x 10.50	4	1	RS550-4
	6	1	RS550-6
	10	1	RS550-10
575 x 50 x 2.50 x 10.50	4	1	RS575-4
	6	1	RS575-6
600 x 50 x 2.50 x 10.50	4	1	RS600-4
	6	1	RS600-6
650 x 54 x 2.50 x 10.50	4	1	RS650-4
	6	1	RS650-6
700 x 54 x 2.50 x 10.50	4	1	RS700-4
	6	1	RS700-6
	4	1	RS850-4
850 x 60 x 3.00 x 12.50	6	1	RS850-6
	10	1	RS850-10
1000 x 125 x 3.50 x 12.50	2.1/2	1	RS1000-2.1/2

Blades from 300mm (12") to 500mm (20") length packaged and sold 5 blades per plastic tube.  
Blades from 525mm (21") or wider, packaged and sold 1 blade per envelope.

INCH LINE			
Length x Width x Thickness x Diameter		Teeth per inch	Pack Qty
inch (A x B x C x D)	mm (A x B x C x D)		
12 x 1 x .050 x .334	300 x 25 x 1.25 x 8.50	10	5
		14	5
14 x 1 x .050 x .334	350 x 25 x 1.25 x 8.50	10	5
		14	5
14 x 1.1/4 x .062 x .334	350 x 32 x 1.60 x 8.50	6	5
		10	5
		14	5
16 x 1.1/4 x .062 x .334	400 x 32 x 1.60 x 8.50	6	5
		10	5
16 x 1.1/2 x .075 x .334	400 x 38 x 2.00 x 8.50	4	5
		6	5
17 x 1.1/4 x .062 x .334	425 x 32 x 1.60 x 8.50	6	5
		10	5
18 x 1.1/4 x .062 x .413	450 x 32 x 1.60 x 10.50	6	5
		10	5
18 x 1.1/2 x .075 x .413	450 x 38 x 2.00 x 10.50	4	5
		6	5
		10	5
18 x 1.3/4 x .088 x .413	450 x 45 x 2.25 x 10.50	4	5
		6	5
20 x 1.1/2 x .075 x .413	500 x 38 x 2.00 x 10.50	6	5
		10	5
20 x 1.3/4 x .088 x .413	500 x 45 x 2.25 x 10.50	4	5
		6	5
21 x 1.1/2 x .075 x .413	525 x 38 x 2.00 x 10.50	10	1
		4	1
21 x 1.3/4 x .088 x .413	525 x 45 x 2.25 x 10.50	6	1
		4	1
24 x 1.3/4 x .088 x .492	600 x 45 x 2.25 x 12.50	4	1
		6	1
24 x 2 x .100 x .492	600 x 50 x 2.50 x 12.50	4	1
		6	1
26 x 2 x .100 x .492	650 x 50 x 2.50 x 12.50	4	1
		6	1
30 x 2.1/2 x .100 x .492	750 x 63 x 2.50 x 12.50	4	1
		6	1

# Starrett® bi-metal unique™ saw technology

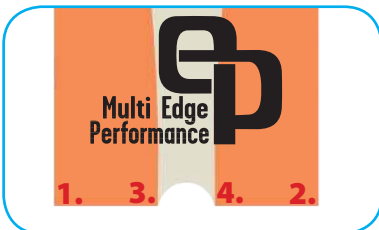


Totally different from other methods of producing bi-metal saw blades, Starrett Unique™ Technology joins two strips of high speed steel wire to a backing steel in a solid phase, using the principle of solid state diffusion bonding.

## ADVANTAGES

- Massive increase in resistance to tooth breakage and fracture. Unique™ Blades feature 170% more weld contact area than standard bi-metal blades as a result of the solid state diffusion bonding process. This ensures exceptionally strong teeth.
- Smoother, faster cuts. Multi Edge Performance and the Split Chip Advantage generate thinner chips which are more quickly and easily removed from the saw cut. In tests, Unique™ blades proved to be an average of 35% faster than directly competing products.
- Longer blade life. The exceptionally strong teeth, Multi Edge Performance and Split Chip Advantage ensure that Unique™ blades last an average of 35% longer than competing blades.
- Lower cost per cut. The increase in resistance to tooth breakage and fracture, smoother, faster cuts and longer blade life all combine to guarantee one simple benefit - lower cost per cut.

Starrett Bi-Metal Unique™ Saw Technology is currently available in Bi-Metal Unique™ Safe-Flex™ Hand Hacksaw Blades, Bi-Metal Unique™ Reciprocating Blades and Bi-Metal Unique™ Unified Shank™ Jigsaw Blades.



BI-METAL UNIQUE™ SAW TECHNOLOGY

## THE BONDING PROCESS

- Two strips of high speed steel wire are joined to the backing steel in a solid phase.

## THE CONTACT AREA

- 1. Traditional bi-metal blades feature one high speed steel wire, electron beam welded to the backing material.
- 2. Unique™ blades feature two wires, joined laterally to the backing steel in a solid phase, providing 170% more weld contact area.

## MULTI EDGE PERFORMANCE

- After initial use the soft backing material in the centre of the blade will wear away, forming a groove which acts as a natural chip breaker, and providing the blade with multiple cutting edges - Multi Edge Performance

## SPLIT CHIP ADVANTAGE

- The multiple cutting edges produce thinner chips that are more easily removed from the saw cut - The Split Chip Advantage.

# Starrett® dual cut™

CLEAN CUT ON BOTH SIDES OF THE MATERIAL



**dual cut™**  
Made for  
**WOOD**

DUAL CUT™ JIGSAW BLADES CUT SOFT & HARD WOOD, MDF, FORMICA & ACRYLIC

OUR UNIFIED SHANK® FITS ALL WELL KNOWN JIGSAW MACHINES

OUR BI-METAL UNIQUE® SAW TECHNOLOGY JIGSAW BLADES WILL LAST  
25% LONGER ON AVERAGE COMPARED TO EXISTING BI-METAL BLADES



JIGSAW BLADES

# BI-METAL UNIQUE™ JIGSAW BLADES

## UNIFIED SHANK™ - FITS ALL WELL KNOWN JIGSAW MACHINES

Starrett Unified Shank™ Jigsaw Blades incorporate the Starrett exclusive Bi-Metal Unique™ process technology. Blades made from this process resist breakage, cut faster and last longer than conventional saws. Unified Shank™ Jigsaws are available in twin packs for a limited range, five-blade packs and in various assortment packs.



	Cat. No.	Blade / Application Type	TPI (25mm)	Cutting Thickness	Blades per Pack	Blade Dimensions* Length x Width x Thickness	Competitors Jigsaw Blade Conversions**			
							Metabo	Makita	Lenox	Bosch
WOOD CUTTING	BU2DCS-2	Dual Cut™ Straight + Curved Cuts Smooth Finish Top & Bottom	9-19	4 - 20mm	2	50mm x 5mm x 1.3mm (2" x 3/16" x .050")	---	BR-13	---	T101AOF
	BU3DC-2	Dual Cut™ Scroll + Curved Cuts Smooth Finish Top & Bottom	9-19	6 - 30mm	2	75mm x 8mm x 1.5mm (3" x 5/16" x .060")	---	---	---	T101BIF
	BU36T	Tapered Blade - Clean Cuts	6	30 - 45mm	5	75mm x 7.5mm x 1.3mm (3" x 5/16" x .050")	---	---	456S 456J	---
	BU36	Fast Straight Cuts	6	30 - 45mm	5		23976	B-16 B-17	406S 486J	T144DF
	BU38	Fast Straight Cuts	8	30 - 45mm	5		23639	B-25	---	T127D
	BU310T	Tapered Blade - Clean Cuts	10	6 - 30mm	5		23975	B-19	450S	T101BF
	BU310DT	Tapered Downstroke Cuts	10	6 - 30mm	5		23686	---	450SR	T101BRF
	BU46	Fast Straight Cuts	6	45 - 60mm	5	100mm x 9.5mm x 1.3mm (4" x 3/8" x .050")	---	---	686S 686J	T301DL
MULTI-PURPOSE	BU56	Straight Fast & Thick Cuts	6	60 - 100mm	5	125mm x 9.5mm x 1.3mm (5" x 3/8" x .050")	23980	---	686J	T344DF
	BU214	Wood, Metal & Plastic	14	3 - 30mm	5	50mm x 7.5mm x 1mm (2" x 5/16" x .040")	23973	B-23	314S	T118BF U118BF
	BU218	Thin Metal	18	3 - 30mm	5	50mm x 9.5mm x 1mm (2" x 3/8" x .040")	23972	---	318S	T118AF
	BU214S	Scroll Cuts	14	3 - 30mm	5	50mm x 4.5mm x 1mm (2" x 3/16" x .040")	23970	B-26	416SC 416JC	T118BOF
	BU41014	Straight Cuts	10-14	4.8 - 60mm	5	100mm x 9.5mm x 1mm (4" x 3/8" x .040")	23979	---	---	T123X T318B
	BU418	Straight Cuts - Wood & Metal	18	3.2 - 60mm	5		---	---	518S 518J	T318BF
METAL CUTTING	BU224	Thin Metal	24	1.6 - 3.2mm	5	50mm x 7.5mm x 1mm (2" x 5/16" x .040")	23971	B-22 B-27	324S	T118AF
	BU232	Thin Curved Cuts	32	0.9 - 1.6mm	5		23636	B-24	332S	T118G U118G
	BU224S	Scroll Cuts	24	1.6 - 3.2mm	5	50mm x 4.5mm x 1mm (2" x 3/16" x .040")	23695	---	320SC 320JC	T101AOF
	BU424	Straight Cuts	24	1.6 - 3.2mm	5	100mm x 9.5mm x 1mm (4" x 3/8" x .040")	23978	---	424S 424J	T318AF
MULTI-PURPOSE CARBIDE GRIT	CTU218-2	Carbide Blade - Stainless Steel Cutting	18	2 - 5mm	2	50mm x 7.5mm x 1mm (2" x 5/16" x .040")	23663	---	---	T118EHM
	CTU224-2	Carbide Blade - Stainless Steel Cutting	24	1.5 - 3mm	2	50mm x 7.5mm x 1mm (2" x 5/16" x .040")	23662	---	---	T118AHM
	BU230X	Carbide Grit Blade - Fibreglass and Ceramic Cutting	Coarse CG	5 - 30mm	5	50mm x 7.5mm x 1mm (2" x 5/16" x .040")	23657	P-38788	300S 300J	T130 Riff U30 Riff

\* Length dimension references tooth bearing section of jigsaws. The total length, including blade shank, is approximately 25mm (1") longer.

\*\* Not directly comparable blades.

2 packs, 20 packs & 100 packs are also available on request for most jigsaw blades in the range - but only whilst stocks last - please ask for details.

## ASSORTMENT PACKS

### WITH UNIFIED SHANK™

Cat. No.	Blades per Pack	Description
BU1	5	Wood Cutting Assortment Pack: Includes one each: BU36, BU46, BU38, BU310T and BU214S
BU2	5	Multi-Purpose Assortment Pack: Includes one each: BU46, BU310T, BU214, BU224S and BU232
BU3	5	Metal Cutting Assortment Pack: Includes one each: BU41014, BU214, BU224, BU224S and BU232
BU4	19	Unified Shank Assortment Pack: Includes one each: BU36T, BU36, BU46, BU56, BU38 BU310T, BU310DT, BU2DCS, BU3DC, BU41014, BU214, BU214S, BU218, BU418, BU230X, BU224, BU224S, BU424, BU232
BU5	5	Unified Shank Assortment Pack: Includes one each: BU36, BU46, BU310T, BU41014 and BU214



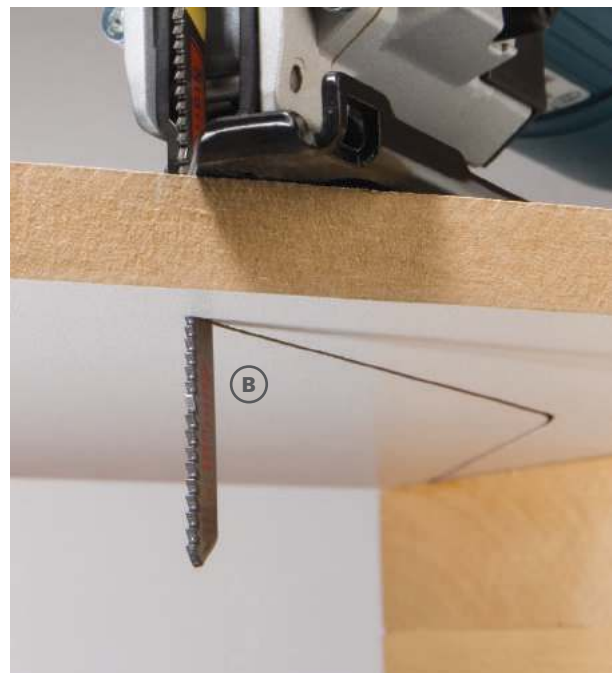
# dualcut™

CLEAN CUT ON BOTH SIDES OF THE MATERIAL

JIGSAW BLADES

## DUAL CUT JIGSAW BLADES UNIFIED SHANK

The two new wood-cutting saw designs with teeth in both directions offer a burr-free cut on both sides. Bi-Metal Unique Saw Technology provides 170% greater resistance to tooth breakage, longer life and a lower cost per cut than other blade manufacture techniques.



**OUR JIGSAW BLADES  
LAST 25% LONGER\***  
**STRONGER WITH 170%  
MORE WELD CONTACT**  
**FASTER, SMOOTHER &  
MORE PRECISE CUTS\*\***  
**UNBREAKABLE\*\*\***

\* On average when compared to existing bi-metal blades.

\*\* With our Multi Edge Performance & Split Chip Advantage.

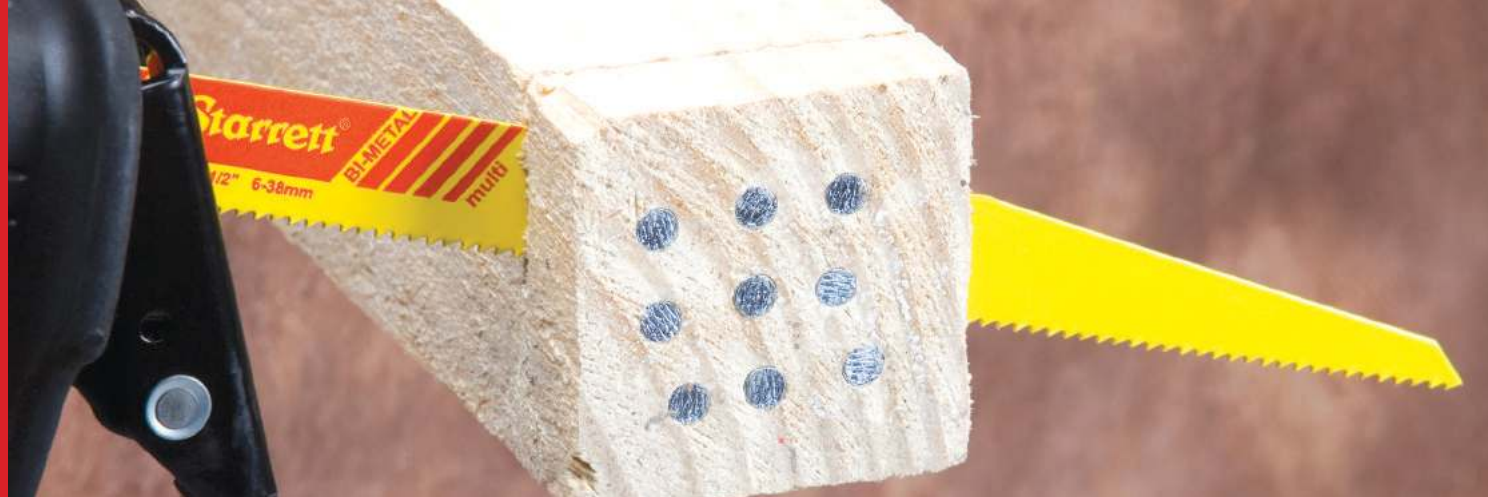
\*\*\* During normal use.

**PERFECT FINISH  
ON BOTH SIDES! (A) (B)**

	WOOD CUTTING BLADES									MULTI USE BLADES						METAL CUTTING BLADES						
Exclusive Unified Shank Jigsaw Blades																						
Cutting length	57	75	75	75	75	100	125	75	75	100	50	50	50	100	50	50	50	100	50	55	55	
Thickness	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
Cutting Direction	↕	↕	↑	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↕	↑	↑	↑	↑	↑	↑	
0.9-1.6mm																			✓	✓	✓	
1.6-3.2mm										✓						✓	✓	✓				
3.2-4.8mm										✓			✓	✓								
4.8-6.4mm										✓	✓	✓										
Soft	★★	★★		★★	★	★		★★	★★	★	★	★	★	★								
Hard	★★	★★	★	★★	★	★	★	★★		★	★	★										
6-30mm	★	★★			★			★★	★★	★	★	★	★	★								
30-45mm			★	★★	★					★												
45-60mm						★	★			★												
60-100mm							★															
3-12mm											★	★										
12-25mm								★★		★												
Contour cutting	✓										✓						✓					
Curved cutting		✓	✓	✓				✓	✓		✓		✓		✓	✓			✓			
Straight cutting		✓	✓	✓	✓	✓	✓	✓		✓				✓				✓		✓	✓	
Fast Cutting			✓	✓	✓	✓	✓	✓							✓							
Acrylic	✓	✓		✓				✓			✓	✓										
Ceramic															✓							
Fibreglass															✓							
Formica	✓	✓							✓													
Plaster							✓															
MDF	✓	✓						✓	✓				✓				✓					
Suspended Floors														✓				✓				
Tubes and profiles										✓				✓				✓				
Cutting Performance										Note: Use of a coolant is recommended for all metal cutting												
Excellent	★★		Satisfactory					★														



RECIPROCATING SAWS



## BI-METAL UNIQUE™ RECIPROCATING BLADES

### STRAIGHT SHAPE GENERAL PURPOSE

Fast cut general purpose reciprocating blades provide a comprehensive set of sawing solutions.



2 Blade Packs	5 Blade Packs	20 Blade Packs	Dimensions Length x Width x Thickness	TPI (25mm)
Cat. No.	Cat. No.	Cat. No.		
B414-2	B414-5	B414-20	100mm x 19mm x 0.90mm	14
B418-2	B418-5	B418-20	4" x 3/4" x .035"	18
B424-2	B424-5	B424-20		24
B66-2	B66-5	B66-20		6
B610-2	B610-5	B610-20	152mm x 19mm x 0.90mm	10
B614-2	B614-5	B614-20	6" x 3/4" x .035"	14
B618-2	B618-5	B618-20		18
B624-2	B624-5	B624-20		24
B818-2	B818-5	B818-20	203mm x 19mm x 0.90mm	18
			8" x 3/4" x .035"	

### TAPERED SHAPE GENERAL PURPOSE



2 Blade Packs	5 Blade Packs	20 Blade Packs	Dimensions Length x Width x Thickness	TPI (25mm)
Cat. No.	Cat. No.	Cat. No.		
BT63-2	BT63-5	BT63-20	152mm x 19mm x 1.30mm	3
BT66-2	BT66-5	BT66-20	6" x 3/4" x .050"	6
BT6610-2	BT6610-5	BT6610-20		6-10
BT96-2	BT96-5	BT96-20	228mm x 19mm x 1.30mm	6
BT910-2	BT910-5	BT910-20	9" x 3/4" x .050"	10
BT123-2	BT123-5	BT123-20		3
BT126-2	BT126-5	BT126-20	300mm x 19mm x 1.30mm	6
BT12610-2	BT12610-5	BT12610-20	12" x 3/4" x .050"	6-10
BT121014-2	BT121014-5	BT121014-20		10-14

# BI-METAL UNIQUE™ RECIPROCATING BLADES

## KING CUT FIRE RESCUE AND DEMOLITION



2 Blade Packs	5 Blade Packs	20 Blade Packs	Dimensions Length x Width x Thickness	TPI (25mm)	Shape
Cat. No.	Cat. No.	Cat. No.			
BR618-2	BR618-5	BR618-20	152mm x 19mm x 0.90mm 6" x 3/4" x .035"	18	Straight
BR61014-2	BR61014-5	BR61014-20		10-14	
BTR61014-2	BTR61014-5	BTR61014-20	152mm x 25mm x 1.60mm 6" x 1" x .063"	10-14	Tapered
BTR6610-2	BTR6610-5	BTR6610-20		6-10	
BR818-2	BR818-5	BR818-20	203mm x 19mm x 0.90mm 8" x 3/4" x .035"	18	Straight
BR81014-2	BR81014-5	BR81014-20	203mm x 19mm x 1.30mm 8" x 3/4" x .050"	10-14	
BTR81014-2	BTR81014-5	BTR81014-20	203mm x 25mm x 1.60mm 8" x 1" x .063"	10-14	Tapered
BTR8610-2	BTR8610-5	BTR8610-20		6-10	
BR91014-2	BR91014-5	BR91014-20	228mm x 19mm x 1.30mm 9" x 3/4" x .050"	10-14	Straight
BTR91014-2	BTR91014-5	BTR91014-20	228mm x 25mm x 1.60mm 9" x 1" x .063"	10-14	
BTR9610-2	BTR9610-5	BTR9610-20		6-10	Tapered
BR121014-2	BR121014-5	BR121014-20	300mm x 19mm x 1.30mm 12" x 3/4" x .050"	10-14	
BTR121014-2	BTR121014-5	BTR121014-20	300mm x 25mm x 1.60mm 12" x 1" x .063"	10-14	Tapered
BTR12610-2	BTR12610-5	BTR12610-20		6-10	

## SPECIAL PURPOSE SCROLL CUTTING



2 Blade Packs	5 Blade Packs	20 Blade Packs	Dimensions Length x Width x Thickness	TPI (25mm)	Shape
Cat. No.	Cat. No.	Cat. No.			
SB414-2	SB414-5	SB414-20	100mm x 8mm x 0.90mm 4" x 5/16" x .035"	14	Scroll
SB424-2	SB424-5	SB424-20		24	

## PLASTER CUTTING



2 Blade Packs	5 Blade Packs	Dimensions Length x Width x Thickness	TPI (25mm)	Shape
Cat. No.	Cat. No.			
VB66-2	VB66-5	152mm x 19mm x 0.90mm 6" x 3/4" x .035"	6V	Straight

## CARBIDE CUTTING



1 Blade Pack	20 Blade Packs	Dimensions Length x Width x Thickness	TPI (25mm)	Shape
Cat. No.	Cat. No.			
XR6-1	XR6-20	152mm x 19mm x 0.90mm 6" x 3/4" x .035"	#30 Coarse	Straight

# BI-METAL UNIQUE™ RECIPROCATING BLADES PNEUMATIC

Starrett now offers a line of bi-metal unique saw blades for pneumatic (or air) reciprocating saws. The line includes three blades for metal and a variable pitch multi-purpose blade for composites, steel sheets and wood.



	5 Blades per Pack	20 Blades per Pack	Dimensions Length x Width x Thickness	TPI (25mm)
METAL CUTTING	Cat. No.	Cat. No.		
	BS226-5	BS226-20		32
	BS227-5	BS227-20		24
MULTI-PURPOSE	BS228-5	BS228-20	92mm x 13mm x .65mm 3.5/8" x 1/2" x .025"	18
	BS229-5	BS229-20		14-18



## RECIPROCATING BLADE KIT ASSORTMENT PACK

Cat. No.	Description
SB6-A	150mm (6") general purpose blade assortment pack. Includes one each of B66, B610, B614, B618, B624

## PALLET DISMANTLING

This bi-metal reciprocating blade is ideal for pallet dismantling and comes with a low price tag with no print or paint. Instead, the identifying information is engraved directly on the blade. The rounded tip prevents the blade from catching while cutting nails and damaged pallets. This blade is packed in bulk boxes of 250 blades.

250 Blade Box	Dimensions Length x Width x Thickness
Cat. No.	
B810P-250	203mm x 19mm x 0.90mm (8" x 3/4" x .035")





TAPES



## TAPE MEASURES

Produced of yellow high visibility ABS plastic, these value priced tape measures are easy to locate and difficult to damage. Their ergonomic design provides a comfortable fit in the hand and incorporates industry standard standout and positive blade lock.

### FEATURES

- Positive lock holds blade firmly in place.
- Steel belt clip.



Cat. No.	Blade Length & Width	Graduation*
KTS12-12ME-N	3.5m (12') x 13mm (1/2")	Metric / Imperial
KTS12-3.5M-N	3.5m x 13mm	Metric
KTS34-16ME-N	5m (16') x 19mm (3/4")	Metric / Imperial
KTS34-5M-N	5m x 19mm	Metric
KTS1-26ME-N	8m (26') x 25mm (1")	Metric / Imperial
KTS1-8M-N	8m x 25mm	Metric

**\*Blade Graduation Style:**  
**Metric:** Graduated in Millimetres  
**Metric / Imperial:** Graduated Millimetres and 1/16"



## TAPE MEASURES

Produced of high impact resistant ABS plastic for extended case life, these tape measures offer overmould for improved grip. Their ergonomic design fits comfortably in the hand and incorporates industry standard standout and improved blade protection.

### FEATURES

- Nylon coated blade provides twice the abrasion resistance of other tapes.
- High impact resistant ABS plastic case and rubber plastic overmoulding.
- Includes a steel belt clip.

Cat. No.	Blade Length & Width	Graduation*
KTX12-12ME-N	3.5m (12') x 13mm (1/2")	Metric / Imperial
KTX12-3.5M-N	3.5m x 13mm	Metric
KTX34-16ME-N	5m (16') x 19mm (3/4")	Metric / Imperial
KTX1-16ME-N	5m (16') x 25mm (1")	Metric / Imperial
KTX1-5M-N	5m x 25mm	Metric
KTX1-26ME-N	8m (26') x 25mm (1")	Metric / Imperial
KTX1-8M-N	8m x 25mm	Metric

**\*Blade Graduation Style:**

**Metric:** Graduated in Millimetres

**Metric / Imperial:** Graduated Millimetres and 1/16"





## MEASURING TAPES

High impact resistant PC-ABS plastic for superior case life. These tape measures incorporate heavy overmoulding for improved grip.

### FEATURES

- Wider blade providing a 2.7m (9') standout.
- Nylon coated blade provides 6x abrasion resistance of standard blades.
- PC-ABS plastic case and heavy overmoulding.
- Positive lock holds blade firmly in place.
- Black anodized steel belt clip.



Cat. No.	Blade Length & Width	Graduation*
KTXP106-16ME-N	5m (16') x 27mm (1.06")	Metric / Imperial
KTXP106-5M-N	5m x 27mm	Metric
KTXP106-26ME-N	8m (26') x 27mm (1.06")	Metric / Imperial
KTXP106-8M-N	8m x 27mm	Metric
KTXP106-33ME-N	10m (33') x 27mm (1.06")	Metric / Imperial
KTXP106-10M-N	10m x 27mm	Metric

\*Blade Graduation Style:

**Metric:** Graduated in Millimetres

**Metric / Imperial:** Graduated Millimetres and 1/16"



## MEASURE STIX



Starrett Measure Stix are manufactured from high quality precision steel. They have a permanent adhesive backing providing convenient, at-a-glance measurements. Can be mounted on work benches, saw tables, drafting tables, etc.

### FEATURES

- High quality precision steel for extended service use.
- Sticks to most work surfaces.
- Easily cut to size with scissors.
- Available in left-to-right or right-to-left.

Cat. No.	Blade Size	Graduation*	Reading
SM44ME	13mm x 1.2m (1/2" x 4')	S12 (Metric/Imperial)	Left-to-right
SM412ME	13mm x 4m (1/2" x 12')	S12 (Metric/Imperial)	Left-to-right
SM412WMERL	13mm x 4m (1/2" x 12')	S12 (Metric/Imperial)	Right-to-left
SM66ME	19mm x 2m (3/4" x 6')	S12 (Metric/Imperial)	Left-to-right
SM44W	1/2" x 4'	S1 (Imperial)	Left-to-right
SM46WRL	1/2" x 6'	S1 (Imperial)	Right-to-left
SM412WRL	1/2" x 12'	S1 (Imperial)	Right-to-left
SM66W	3/4" x 6'	S1 (Imperial)	Left-to-right

\* See tape line illustrations below

### Short-Line Tape Graduations and Numbering Styles



#### S1 Imperial

- Graduated in 1/16" on both edges.
- Graduated 1/32" for the first foot of 1/2" and 3/4" wide blades only.
- Numbered in consecutive inches to 1' and repeat on one edge and consecutive inches on the other edge.
- Blades have stud marks every 16" on Imperial lines.



#### S12 Metric / Imperial

- Lower edge graduated in millimetres and numbered in consecutive centimetres to each decimetre and repeat.
- Top edge graduated in 16ths of an inch and numbered in consecutive inches and numbered at each foot.

## LONG TAPES

**Starrett®**

### STARRETT FIBREGLASS BLADE 538 SERIES - CLOSED REEL

Closed reel fibreglass long tapes are produced with a unique design with rubber plastic overmoulded on an ABS plastic case, providing a durable, comfortable, and highly visible measuring tool. Graduations are printed on both sides of the tape for user convenience.

#### FEATURES

- Rubber plastic overmoulded on ABS plastic case.
- Graduations on both sides of tape.
- Folding hook ring with snap for storage.



Cat. No.	Blade Size	Graduation*
KTS538-30M-N	13mm (1/2") x 30m	Metric
KTS538-100ME-N	13mm (1/2") x 30m (100')	Metric / Imperial

\*Blade Graduation Style:

**Metric:** Graduated in 2mm

**Metric/Imperial:** Graduation in 1/8" and 2mm

**Starrett®**  
**EXACT®**

### STARRETT EXACT STEEL BLADE 530 SERIES - CLOSED REEL



The closed reel steel long tape features a rugged rewind mechanism. Nylon rollers at case opening to reduce blade wear through sustained field use. Blades are produced with high visibility, easy-to-read graduations.

#### FEATURES

- Vinyl clad steel case.
- Nylon rollers to reduce blade wear.
- Easy-to-read graduations.
- Folding hook ring.

Cat. No.	Blade Size	Graduation*
530-15CM	9mm x 15m	Metric
530-20CM	9mm x 20m	Metric
530-30CM	9mm x 30m	Metric

\*Blade Graduation Style: Metric: Graduated in Millimetres

### REPLACEMENT BLADE 530 SERIES



Cat. No.	Blade Size	Graduation*
LHY530-15CM	3/8" x 15m	Metric
LHY530-20CM	3/8" x 20m	Metric
LHY530-30CM	3/8" x 30m	Metric

**Starrett®**



PROTRACTORS



## PROSITE PROTRACTOR

### 505A-12 AND 505A-7 ALUMINIUM MITRE

The popular ProSite 505 Protractor family consists of two 300mm (12") combination protractors, a 300mm (12") mitre protractor and two 175mm (7") mitre protractors. The combination protractors take the guesswork out of these functions: mitre cuts, single cuts, compound mitre cuts, included conversion table, protractor and roof pitches. The mitre protractors are ideal for carpenters, plumbers and all building trades that require the measuring and transferring of angles.

#### FEATURES

- ProSite Protractors take error-prone calculations out of the process of mitre cuts.
- This easy-to-use tool has two laser engraved scales.
- Mitre cut scale transfers readings directly to the mitre saw for mitre joints.
- Single cut scale transfers readings directly to the mitre saw.
- Made from durable 6.5mm (1/4") aluminium with Teflon® "O" ring for smooth and precise operation.
- Protractor saves time and reduces waste.

505A-12



505A-7



Cat. No.	Description
505A-12	300mm (12") Mitre Protractor
505A-7	175mm (7") Mitre Protractor

### 505P-7 PLASTIC MITRE

Our 175mm (7") hardened plastic mitre protractor offers the same functionality as the 505A-7 protractor.



Cat. No.	Description
505P-7	175mm (7") Plastic Mitre Protractor



## COMBINATION PROTRACTOR

### CP505A-12

#### ALUMINIUM COMBINATION

A 300mm (12") aluminium combination protractor, that is part of the popular ProSite 505 Protractor family. This protractor is a 5-in-1 functional tool that performs: mitre cut, single cut, compound cut conversion table, protractor, and roof pitches.

#### FEATURES

- 5-in-1 Protractor performs functions of the other ProSite Pitre Protractors and more.
- Mitre and single cut readings can be transferred directly to the mitre saw.
- The compound conversion table is specifically for the compound mitre saw and can be used for cutting crown moulding.
- Easily finds roof pitches.

Cat. No.	Description
CP505A-12	300mm (12") Combination Protractor



### CP505E-12

#### ALUMINIUM ELECTRONIC COMBINATION

#### FEATURES

- Provides direct readings for setting a saw for mitre and straight cuts.
- Full protractor function.
- Choice of output and a full 360° swing, horizontal and vertical levels and a step by step guide including all calculations for crown moulding work.
- Has a knob to lock in measurements.



Cat. No.	Description
CP505E-12	300mm (12") Electronic Combination Protractor

## UTILITY KNIVES



Cat. No.	Blade Width	Description
KUS055-N	9mm (3/8")	Small Plastic Slide Locking



Cat. No.	Blade Width	Description
KUS045-N	18mm (.710")	Large Plastic Slide Locking

### STARRETT

#### SMALL SIZE SLIDE LOCKING

Small ABS plastic utility knife features a slide locking system.

##### FEATURES

- This utility knife works with 9mm (3/8") blade (KS05R).
- Blade with 13 break-away segments.

#### LARGE SIZE SLIDE LOCKING

Large ABS plastic utility knife with a slide locking system.

##### FEATURES

- This utility knife works with 18mm (.710") blade (KS06R).
- Blade with 8 break-away segments.

### STARRETT EXACT



**Starrett®**  
**EXACT®**

Cat. No.	Blade Width	Description
KUX035-N	9mm (3/8")	Small Plastic Automatic Locking

Cat. No.	Blade Width	Description
KUX040-N	9mm (3/8")	Small Plastic Screw Locking

Cat. No.	Blade Width	Description
KUX025-N	18mm (.710")	Large Plastic - Automatic Locking

#### AUTOMATIC LOCKING METAL BLADE GUIDE

Small plastic utility knife with automatic locking, metal blade guide.

##### FEATURES

- This utility knife works with 9mm (3/8") blade (KS05R).
- ABS plastic body and rubber plastic overmoulded.
- Blade with 13 break-away segments.

#### SCREW LOCKING METAL BLADE GUIDE

Small plastic utility knife with screw locking, metal blade guide.

##### FEATURES

- This utility knife works with 9mm (3/8") blade (KS05R).
- ABS plastic body and rubber plastic overmoulded.
- Blade with 13 break-away segments.

#### AUTOMATIC LOCKING METAL BLADE GUIDE

Large plastic utility knife with automatic locking metal blade guide.

##### FEATURES

- This utility knife works with 18mm (.710") blade (KS06R).
- ABS plastic body and rubber plastic overmoulded.
- Blade with 8 break-away segments.



**Starrett®**  
**EXACT® PLUS**

## S011 HIDDEN EDGE® - SAFETY KNIFE. RETRACTABLE BLADE

The blade stays safely tucked away when not in use. Simply release the safety lock and squeeze the lever to use. With quick release blade change and storage for spares in the body, blade changes are fast and tool-free.

### FEATURES

- This utility knife is supplied with 3 trapezoidal blades (KS01R).
- It also works with hook blades (KSH01R).
- Easy to use safety lock and lever allows the blade to be exposed instantly.
- Thumb wheel accurately adjusts cutting depth.
- Fast, tool-free blade changes.



Cat. No.	Blade Type	Description
S011	Standard Trapezoidal (or Hook)	Hidden Edge Utility Knife
968	-	Leather Belt Holster for S011

## ALUMINIUM DIE-CAST BODY FOLDING KNIFE

Utility knife features a die-cast folding knife using trapezoidal or hook blade.

### FEATURES

- This utility knife works with trapezoidal (KS01R) or hook blades (KSH01R).
- Supplied with 1 blade and a dispenser with 3 spare trapezoidal blades.



Cat. No.	Blade Type	Description
KUXP010-N	Standard Trapezoidal (or Hook)	Aluminium Die-Cast Body Folding

## ALUMINIUM RETRACTABLE KNIFE

The Exact® Plus KUXP005-S features heavy duty aluminum body, non-slip rubber surface, five cut levels, integrated three-bladed dispenser. Provides safe use without blade exposure for cutting strings, wires and thin strings. Suitable for general applications.

Cat. No.	Blade Type	Description
KUXP005-N	Standard Trapezoidal (or Hook)	3 trapezoidal blades (KS01R) inside the knife dispenser and 1 already fitted. Hook blades (KSH01R) can be used. The dispenser has capacity for 4 blades.



# UTILITY KNIVES

## ALUMINIUM BODY AUTOMATIC LOCKING



Small extruded aluminium utility knife with automatic locking features break-away blades.

### FEATURES

- This utility knife works with 9mm (3/8") blade (KS05R).
- Aluminium body overmoulded with rubber.
- Internal dispenser with 4 blades.
- Automatic locking blade.



Cat. No.	Blade Width	Description
KUXP020-N	3/8" (9mm)	Small Extruded Aluminium Automatic Locking

## REPLACEMENT BLADES

Safe and easy handling with our blades in dispensers.



KS01R



KSH01R






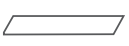

KS05R



KS06R



KSB-100D

	Cat. No.	Blade Type	Dispenser Description	Fits
	KS01R	Standard Trapezoidal	10 high carbon steel trapezoidal blades	S011 KUXP010-N KUXP005-N
	KSB-100D		100 high carbon steel trapezoidal blades	
	KSH01R	Hook	10 high carbon steel hook blades	
	KS05R	Break-away 3/8" (9mm)	10 high carbon steel break-away blades.	KUS055-N KUX035-N KUX040-N KUXP020-N
	KS06R	Break-away .710" (18mm)	10 high carbon steel break-away blades.	KUS045-N KUX025-N



LEVELS



## TORPEDO LEVELS

**Starrett®**

### STARRETT TORPEDO

Manufactured with 225mm (9") extruded aluminium frames with high visibility yellow and red ABS plastic construction for impact resistance.



#### FEATURES

- Vertical, horizontal, and 45° vials.
- V-grooved top surface and magnetic bottom surface.

Cat. No.	Length	Magnetic Model
KLTS9-N	225mm / 9"	Yes

### STARRETT EXACT TORPEDO

Manufactured with 240mm (9.1/2") extruded aluminium frames and finished with red high visibility powder coat paint, including impact resistant ABS grey plastic end caps.

**Starrett®**  
**EXACT®**



#### FEATURES

- Vertical, horizontal, and 45° vials.
- Milled top surface finished with a V-groove and a magnetic bottom surface.
- Includes impact resistant ABS plastic end caps.

Cat. No.	Length	Magnetic Model
KLTX95-N	240mm (9-1/2")	Yes

### STARRETT EXACT PLUS TORPEDO

Starrett Exact Plus torpedo levels are manufactured with a 250mm (10") sturdy die cast enclosed aluminium frame and finished with durable powder coat paint.

**Starrett®**  
**EXACT® PLUS**



- Vertical, horizontal, and 45° vials.
- Includes a milled top surface finished with a V-groove and a magnetic bottom surface.

Cat. No.	Length	Magnetic Model
KLTXP10-N	250mm (10")	Yes

## ALUMINIUM LEVELS

### STARRETT BOX BEAM

**Starrett®**

Produced with aluminium special box shape cross section frame for improved strength and rigidity.



#### FEATURES

- Two vertical vials and one horizontal vial with ABS plastic vial holders.
- Shock-absorbing end caps to protect working edges and preserve accuracy.

Cat. No.	Length
KLBS24-N	600mm (24")
KLBS48-N	1200mm (48")
KLBS72-N	1800mm (72")

### STARRETT EXACT BOX BEAM

**Starrett®**  
**EXACT®**

Manufactured of heavy duty aluminium with special box shape cross section frame for improved strength. The levels are designed with comfortable hand grips with soft touch.



#### FEATURES

- Two vertical vials and one horizontal vial with ABS plastic vial holders accurate to 0.001mm / 25mm (0.0005" / inch).
- Shock-absorbing end caps to protect working edges and preserve accuracy.
- Available with milled only or milled and magnetic bottom surface.

Cat. No.	Length	Magnetic
KLBX24-N	600mm (24")	No
KLBX48-N	1200mm (48")	No
KLBX78-N	1950mm (78")	No
KLBX16-1-N	400mm (16")	Yes
KLBX24-1-N	600mm (24")	Yes
KLBX48-1-N	1200mm (48")	Yes
KLBX78-1-N	1950mm (78")	Yes

### STARRETT EXACT PLUS BOX BEAM

**Starrett®**  
**EXACT® PLUS**

Manufactured from professional quality aluminium with special box shape cross section frame for improved strength. This level includes two milled surfaces, one of which is magnetic.



#### FEATURES

- Vertical and horizontal vials.
- Vial holders accurate to 0.001mm / 25mm (0.0005" / inch).
- Rubber plastic shock-absorbing end caps to protect working edges and preserve accuracy.
- Comfortable soft touch hand grips.

Cat. No.	Length	Magnetic
KLBXP24-1-N	600mm (24")	Yes
KLBXP48-1-N	1200mm (48")	Yes
KLBXP78-1-N	1950mm (78")	Yes

## ALUMINIUM LEVELS

**Starrett®**

### STARRETT EXACT I-BEAM

**EXACT®**

This level is produced with a heavy duty aluminium I-Beam cross section frame. The unique design includes impact resistant end caps and comfortable soft touch hand grips.



#### FEATURES

- Large 360° anti-shock vial sites allow maximum visibility and accuracy of 0.03mm per 25mm (0.001" / inch).
- Available with milled bottom surface.

Cat. No.	Length
KLIX24-N	600mm (24")
KLIX48-N	1200mm (48")
KLIX72-N	1800mm (72")

### STARRETT EXACT PLUS I-BEAM

**Starrett®**
**EXACT® PLUS**

Professional duty aluminium I-Beam cross section frame. Unique design includes special rubberized plastic impact resistant end caps.



#### FEATURES

- Large 360° anti-shock vial sites allow maximum visibility and accuracy of 0.02mm per 25mm (0.00075" / inch).
- Comfortable soft touch hand grips.
- Milled top surface and magnetic bottom surface.

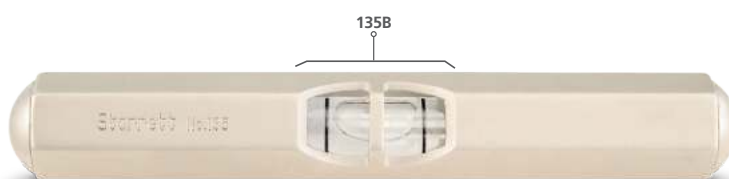
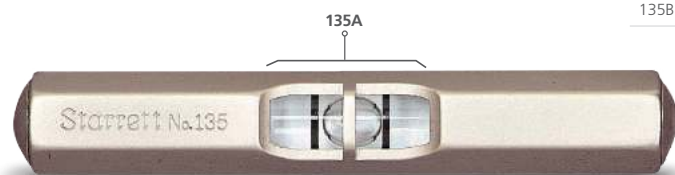
Cat. No.	Length	Magnetic Model
KLIXP24-1-N	600mm (24")	Yes
KLIXP48-1-N	1200mm (48")	Yes
KLIXP72-1-N	1800mm (72")	Yes

## POCKET LEVELS

### 135 SERIES

SATIN NICKEL-PLATED FINISH

Cat. No.	Size		Description
	Inch	Millimetre	
135A	2-1/2"	63mm	With Main Vial
135B	3-1/2"	88mm	





## SPECIALITY

### ANGLE METER

MAGNETIC ANGLE METER, 0 TO 90°

Large readable scale for accurate readings from 0 to 90° in any quadrant. Integral magnetic base frees hands when used on ferrous surfaces.

#### FEATURES

- Measures any angle for pitch or slope.
- Handy rise, run, angle and pitch information on back of the tool.



Cat. No.	Description
AM-2	Magnetic Angle Meter, 0 to 90°

### BE-1 BULL'S-EYE CIRCULAR LEVEL

Circular bull's-eye level has full 360° large sight for easy viewing. Each level features sturdy plastic construction and is ideal for home, workshop and industry use.

Cat. No.	Description
BE-1	44mm / 1-3/4" Circular Level



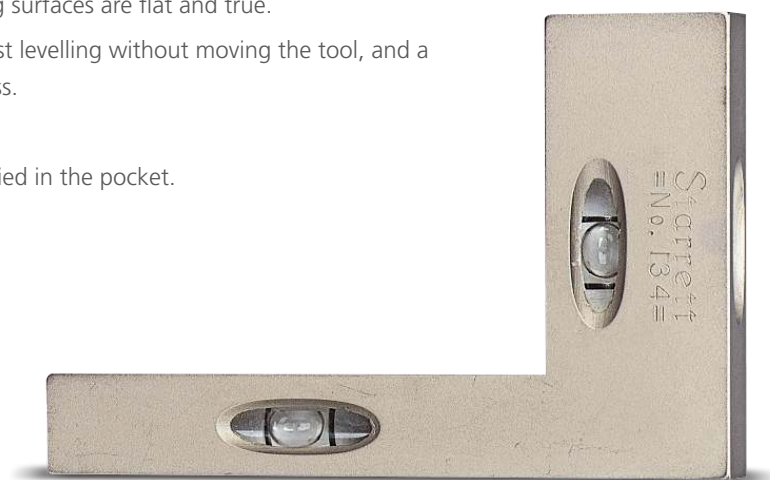
## CROSS TEST LEVELS

### 134

#### FEATURES

- Cast iron with a satin nickel finish, all working surfaces are flat and true.
- Level has two vials at right angles for cross test levelling without moving the tool, and a plumb level at the top for checking squareness.
- Accurate, well-made and reliable tool.
- Very light and compact and can be easily carried in the pocket.

Cat. No.	Size		Description
	Inch	mm	
134	2" x 3"	50 x 75mm	With Cross Test Vials and Plumb Vial

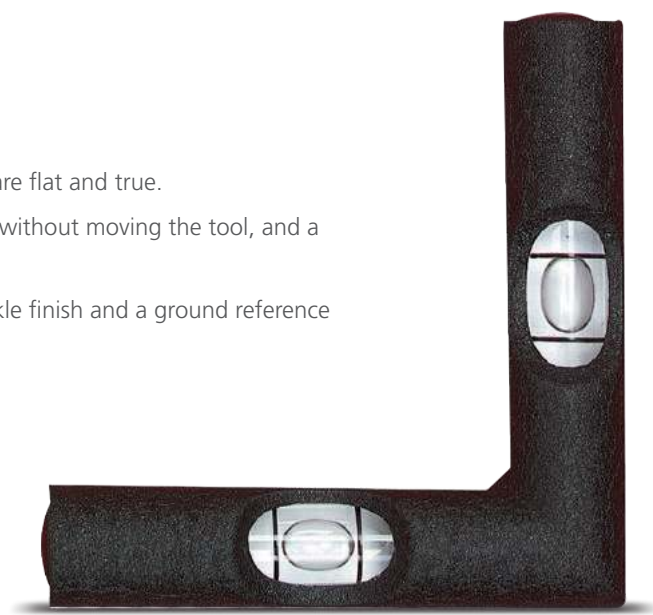


### 136

#### FEATURES

- Cast iron with a satin nickel finish, all working surfaces are flat and true.
- Level has two vials at right angles for cross test levelling without moving the tool, and a plumb level at the top for checking squareness.
- Level is light and compact, with an attractive black wrinkle finish and a ground reference surface.

Cat. No.	Size		Description
	Inch	mm	
136	2-3/4" x 2-3/4"	70 x 70mm	With Cross Test Vials





CHALK

## CHALK LINES

### Starrett®

High impact-resistant ABS plastic cases that hold 120g (4 oz) of chalk. Each chalk box line includes 30m (100') of line with a press-to-release feature and is manufactured with 3.5X faster line rewind. The chalk line is secured with a stainless steel hook.

#### FEATURES

- High impact resistant ABS plastic case.
- Holds 120g (4 oz) of chalk.
- 30m (100') press to release line.
- 3.5X faster line rewind.
- Stainless steel hook.

Cat. No.	Size	Feet	Metres
KCS001-N	120g (4 oz)	100'	30m



### Starrett® EXACT®

High impact-resistant ABS plastic cases with soft touch overmoulding that hold 120g (4 oz) of chalk. Each chalk line includes 30m (100') of line with a press-to-release feature and 6X faster line rewind.

#### FEATURES

- High impact-resistant case.
- Rubber plastic soft touch overmoulding.
- Holds 120g (4 oz) of chalk.
- 30m (100') press to release line and includes 50% stronger line than standard chalk lines.
- 6X faster line rewind.
- Stainless steel hook.
- Easy feed window.

Cat. No.	Size	Feet	Metres
KCX001-N	120g (4 oz)	100'	30m



# CHALK LINES



Available in 120g (4 oz) and 400g (14 oz) sizes. The 4 oz line is manufactured with a heavy duty die-cast aluminium with rubber plastic overmoulding. Available as chalk line only or as a combo pack including a 120g (4 oz) bottle of chalk.

## FEATURES

- Heavy-duty die-cast aluminium case.
- Rubber plastic overmoulding.
- Holds 120g (4 oz) of chalk.
- 30m (100') press-to-release line and includes 50% stronger line.
- 6X faster line rewind.
- Easy feed window.

Cat. No.	Size	Feet	Metres	Chalk
KCXP005-N				-
KCXP005B-N	120g (4 oz)	100'	30m	Blue
KCXP005R-N				Red



# CHALK BOXES

The 400g (14 oz) box is manufactured with a heavy ABS impact resistant plastic case, with rubber plastic overmoulding.

## FEATURES

- 45m (150') line.
- Oversized steel ring.
- 6X faster line rewind.



Cat. No.	Size	Feet	Metres
KCXP001-N	400g (14 oz)	150'	45m



## REFILLS



## TEMPORARY CHALK

Formulated and coloured to mark distinctively and lay down hard clean lines. New bottle design provides easier handling and a no-spill cap.

Cat. No.	Size	Color
SC4BLU	1800g (4 lbs)	Blue
SC4ORG		Orange
SC4RED		Red
SC4WHT	230g (8 oz)	White
SC8B		Blue
SC8O		Orange
SC8R		Red
SC8W		White

PERMANENT CHALK  
SUC ULTRA

Weather proof, formulated to provide a semi-permanent mark that will be visible over an extended time period - even outdoors.

The new plastic bottle design incorporates an easy-to-carry handle and includes a foldable, no-spill and no-lose cap.

Cat. No.	Size	Color
SUC4BLU	1800g (4lbs)	Permanent Blue
SUC4BLK		Permanent Black
SUC4RED		Permanent Red
SUC8B	230g (8oz)	Permanent Blue
SUC8BLK		Permanent Black
SUC8R		Permanent Red



## RULES AND SQUARES



## RULES

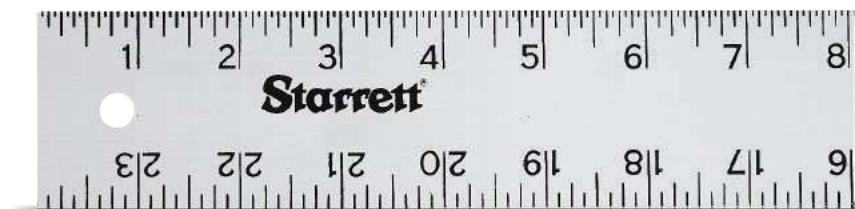
### STRAIGHT EDGE ALUMINIUM RULE

#### AMSE SERIES

Straight edge aluminium rules are parallel, made of anodized aluminium with smooth, square and straight edges. Centimetre and millimetre graduation readings on either edge.

#### FEATURES

- Ideal for schools and shops, wood-workers, tinsmiths, metal workers, and bench applications.
- They lie flat, resist bending and feature large, easy to read graduations and numbers that are heavier than conventional machine graduated scales.
- Rules are 50mm (2") wide with centimetre and millimetre graduations reading on either edge.
- Accurate and flexible.



Cat. No.	Length	Thickness
AMSE-500	500mm	2mm
AMSE-1000	1000mm	
AMSE-1500	1500mm	3mm
AMSE-2000	2000mm	

### ALUMINIUM METRESTICK

#### MS-2

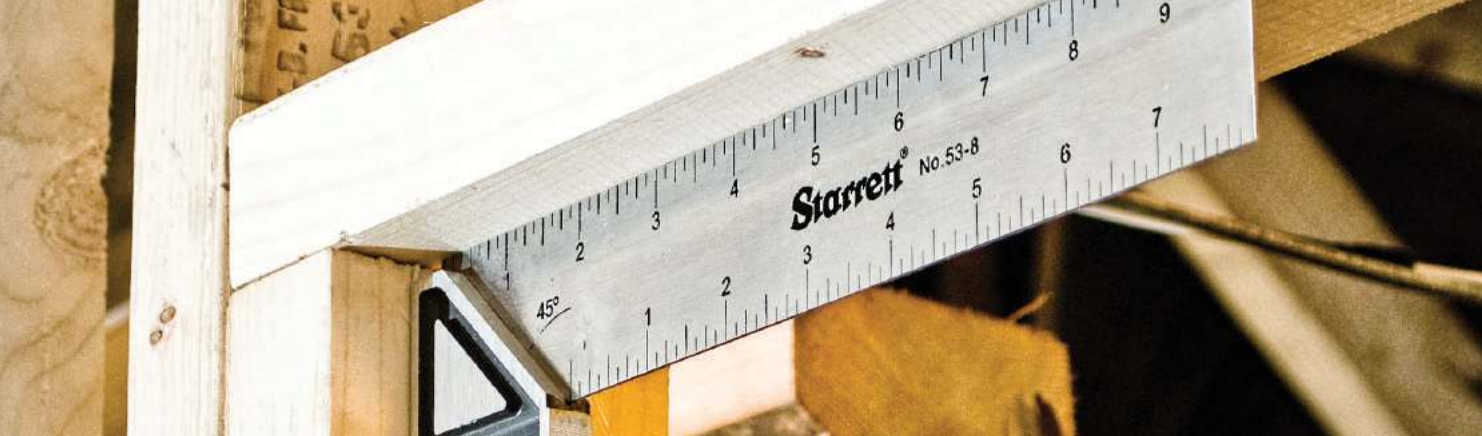
Aluminium Metrestick is parallel, accurate and flexible.

#### FEATURES

- This rule lies flat and features large, easy to read numbers.
- Anodized aluminium.



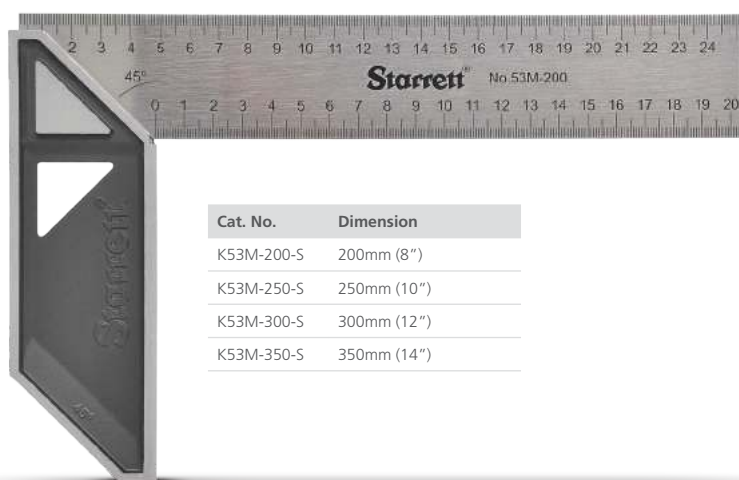
Cat. No.	Length	Thickness	Description	Graduation
MS-2	1m (39.37")	1.9mm (.075")	Ruled 2 Sides	Metric and Imperial



## SQUARES

### 53

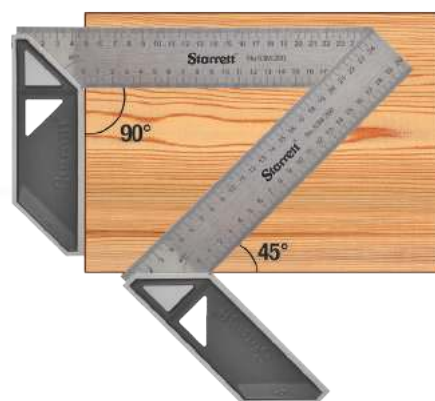
#### CARPENTERS' TRY SQUARE



Cat. No.	Dimension
K53M-200-S	200mm (8")
K53M-250-S	250mm (10")
K53M-300-S	300mm (12")
K53M-350-S	350mm (14")

#### FEATURES

- Stainless steel blade.
- Graduations etched on both sides of the blade.
- 50mm (2") cast aluminium handle.



### 15

#### UNIVERSAL BEVEL

200mm (8") stainless steel blade and plastic handle with one spirit level vial.



#### FEATURES

- Blade lock for transferring angles.
- Handle is ABS plastic for a comfortable grip.

Cat. No.	Dimension
K15-N	200mm (8")



# CALIPERS, DIVIDERS AND TRAMMELS

92

## CARPENTERS' DIVIDERS

These dividers combine rigidity, light weight and easy handling. The legs are forged steel, well-shaped, properly tempered and highly polished. The adjustable point may be quickly removed and a pencil inserted in its place.

### FEATURES

- Sturdy construction of the joint eliminates side deflection of the legs.
- Quadrant adjusting nut allows fine-adjustments for close measurements.
- Check nut located between the legs locks the legs in place.



Cat. No.	Size*	
	Inch	mm
92-6	6"	150mm
92-9	9"	225mm

\* Actual capacity is one-third greater than the listed size.

85

## EXTENSION DIVIDERS WITH CALIPER LEGS

Exceptionally rigid although light in weight and easy to handle. The head is made of forged steel.

### FEATURES

- The hardened points are bent slightly so they can be rotated and brought closer together if desired.
- Sturdy construction of the joint eliminates side deflection of the legs.
- Quadrant adjusting nut allows fine-adjustments for close measurements.



With Divider Legs Only	Complete with Divider Legs, Inside and Outside Legs	Size*	
Cat. No.	Cat. No.	Inch	mm
85A	85C	7"	175mm
85B	85D	9"	225mm
85E	85F	12"	300mm

\* Actual capacity is one-third greater than the listed size.

# CALIPERS, DIVIDERS AND TRAMMELS

## 50 IMPROVED TRAMMEL HEADS

These tools are used to measure the distance between points that are too great to be reached with dividers. The heads are die cast with black wrinkle finish and have hardened, forged steel divider points. The points screw into the heads, and the pencil socket accompanying each set of trammel heads can be used in place of either point.

### FEATURES

- The points screw into the heads.
- The heads are die cast with black wrinkle finish and have hardened, forged steel divider points.
- Has an adjustable point.

Cat. No.	Point Size		Description
	Inch	mm	
50A	3" 2-1/2"	75mm 63mm	(Adjustable) Includes 2 Heads, 2 Points, Pencil Socket
50B	3"	75mm	Includes 2 Heads, 2 Points, Pencil Socket



# PRECISION STRAIGHT EDGES

## 380

### STEEL STRAIGHT EDGES, NOT BEVELED, NOT GRADUATED

Steel straight edge is precision ground and finished to rigid Starrett standards. It is unexcelled for drawing or scribing straight lines and checking surfaces. 900mm (36") and longer are marked with arrows at two suspension points. If the straight edges are used on edge, they should be suspended at these two points to minimize deflection. Most jobs involve the use of straight edges.

#### FEATURES

- Precision ground and nicely finished to rigid Starrett standards.
- Unexcelled for drawing or scribing straight lines and checking surface for straightness.
- Not bevelled or graduated.
- Thickness and design permit shape retention and accuracy while portable and easy-to-handle.

Cat. No.	Length	Width x Thickness
380-24	600mm - 24"	36 x 4.4mm - 1-13/32" x 11/64"
380-36	900mm - 36"	60 x 5.5mm - 2-13/32" x 7/32"



# SQUARE

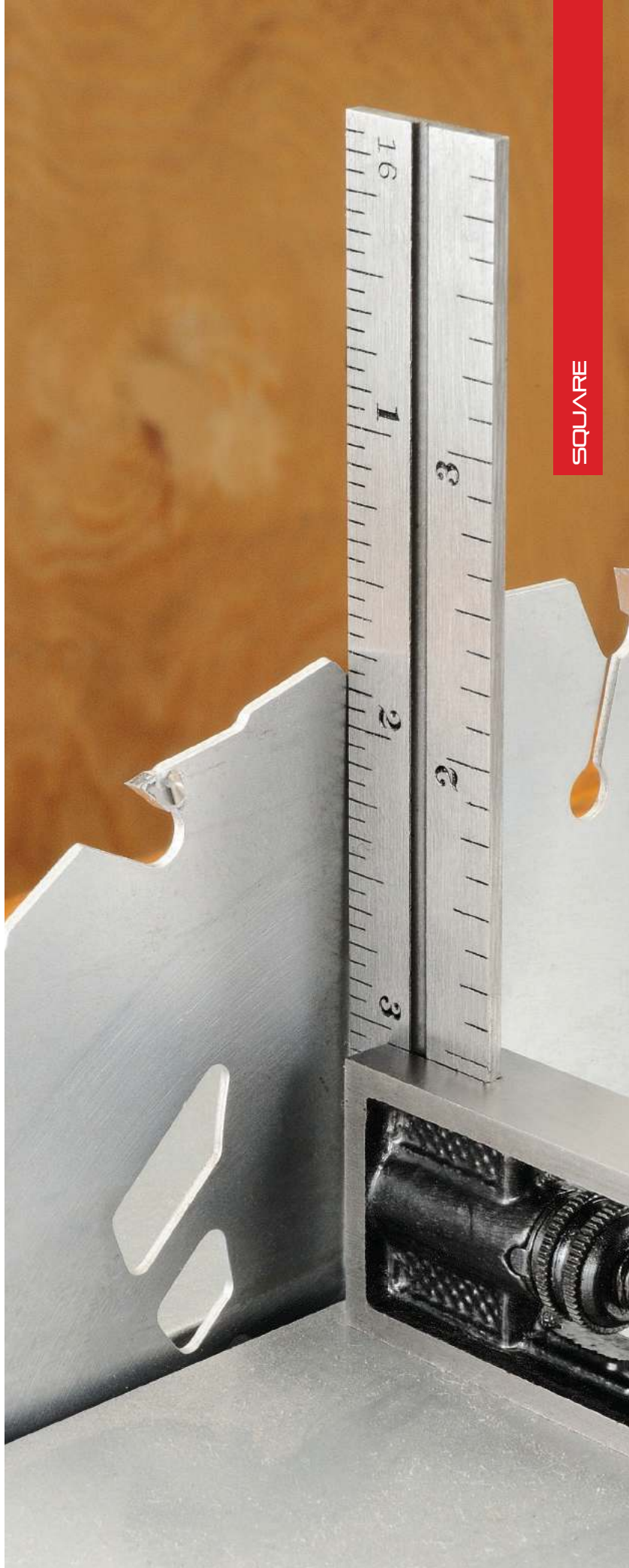
## 13 DOUBLE SQUARES WITH HARDENED BLADES

Popular with machinists, toolmakers, and patternmakers. The sliding blade is adjustable, making it practical for a wide variety of uses. The faces of the head are ground square.

### FEATURES

- mm both edges one side, mm and 1/2mm reverse side.

Cat. No.	Size
13MA	100mm



## STAIR GAUGES

### 111 LONG STAIR ATTACHMENTS

Attachments clamp to a framing or rafter square. Forms a handy gauge for laying out stair stringers, hip, valley and many other unusual cuts.

#### FEATURES

- Furnished in left and right pairs.
- Nickel plated cast iron.
- Ends are machined square for true work contact.
- Brass clamp screw to prevent marring the blade.

Cat. No.	Length	Slot Width
111	48mm (1-7/8")	5mm (3/16")



### 470 SHORT STAIR ATTACHMENTS

Attachments clamp to a framing or rafter square. Forms a handy gauge for laying out stair stringers, hip, valley, and many other unusual cuts. Fixtures have a smaller area that contacts the square blade.

#### FEATURES

- Furnished in left and right pairs.
- Nickel plated hexagonal steel.
- Brass clamp screw to prevent marring the blade.
- Slotted to keep two opposite hexagonal faces at right angles to the edge of the square.

Cat. No.	Length	Slot Width
470	19mm (3/4")	5mm (3/16")





## LASER DISTANCE METERS

## LASER DISTANCE METERS

# STARRETT® SERIES

## KLMS-30

The most compact version of the new line, Starrett®'s Laser Distance Meter model KLMS-30 fits in your pocket and is easy to store.



**IP54**  
PROTECTION

**CLASS 2**

**TOTAL RANGE:  
30 METRES**

\*Protection IP54:  
dust and splash proof.

### FEATURES

- Measuring range of 30 metres
- Laser Type 650 nm, class 2, <1mW
- Multifunction (area and volume calculation)
- Indirect Measuring (Pythagoras function)
- Addition and Subtraction
- Maximum and Minimum
- Front and back measuring references
- Ability to measure in metres, inches and feet

### BENEFITS

- Accuracy:  $\pm 2.0\text{mm}$
- Easy to read display with LED light
- Protection IP54\*
- Automatic power off
- Measurement response time of 0.5 seconds

### ACCESSORIES:

- 2 AAA batteries

# EXACT® SERIES

**Starrett®**  
**EXACT®**

## KLMX-50

Providing length, area and volume using only one button, the Starrett Exact Laser Distance Meter is a high quality, lightweight, ergonomic distance meter.



**IP54**  
PROTECTION

**15**

**CLASS 2**

**OVER 20 METRES OF  
EXTRA RANGE  
TOTAL OF  
70 METRES**

\*Protection IP54:  
dust and splash proof.

### FEATURES

- Measuring range of 50 metres
- Laser Type 650 nm, class 2, <1mW
- Multifunction (area and volume calculation)
- Indirect Measurement (Pythagoras function)
- Addition and Subtraction
- Maximum and Minimum
- Stake out function
- 3-15 seconds timer
- Measuring reference - front, centre (for tripod) & back
- Ability to measure in metres, inches and feet

### BENEFITS

- High accuracy:  $\pm 1.5\text{mm}$
- Stores up to 10 measurement results
- Buzzer
- Easy to read display with LED light
- Tripod mountable
- Protection IP54\*
- Automatic power off
- Measurement response time of 0.5 seconds

### ACCESSORIES:

- 1 carrying pouch
- 2 AA batteries

# EXACT® PLUS SERIES



## KLMXP-100

The Starrett Exact Plus Laser Distance Meter is the most advanced in the Starrett range. This unit includes Bluetooth® to connect to Android and IOS devices, and a downloadable app, allowing users to control the meter through a smartphone or other compatible device.



Extension to start measuring from corners.

\*Protection IP54: dust and splash proof.

### FEATURES

- Measuring range of 100 metres
- Laser Type 650 nm, class 2, <1mW
- Multifunction (area and volume calculation)
- 3 types of indirect measuring (Pythagoras function)
- Addition and Subtraction
- Maximum and Minimum
- Stake out function
- Angle measuring
- 3-15 seconds timer
- Measuring reference - front, back and extension
- Ability to measure in metres, inches and feet

### ACCESSORIES:

- 1 carrying pouch
- 2 AA batteries

### BENEFITS

- Bluetooth® with Android and IOS apps\*\*
- High accuracy:  $\pm 1.5\text{mm}$
- Stores up to 20 measurement results
- Buzzer
- Easy to read display with LED light
- Protection IP54\*
- Automatic power off
- Measurement response time of 0.5 seconds

\*\*The app allows users to take pictures and control the device through a smartphone, making it easier to measure and record data.



# HOLE SAW CUTTING SPEED RECOMMENDATIONS (RPM)

## BI-METAL

Bi-Metal Fast Cut (FCH) & Deep Cut (DCH) Hole Saws

Saw Diameter		Mild Steel	Stainless & Tool Steel	Cast Iron	Brass, Copper & Aluminium	Wood & Plastic
mm	inch					
14 - 25	9/16 - 1	580 - 350	300 - 175	400 - 235	790 - 470	800 - 500
27 - 51	1.1/16 - 2	325 - 170	160 - 85	215 - 115	435 - 230	500 - 200
52 - 76	2.1/16 - 3	165 - 115	80 - 55	110 - 75	220 - 150	200 - 150
79 - 102	3.1/8 - 4	110 - 85	55 - 40	70 - 55	140 - 110	150 - 100
105 - 127	4.1/8 - 5	80 - 65	40 - 30	55 - 25	110 - 85	100 - 85
133 - 152	5.1/4 - 6	55	25	55 - 25	75	75
160 - 210	6.5/16 - 8.9/32	40	20	55 - 25	60	60

Bi-Metal Cordless Smooth Cut Hole Saws (CSC)

Saw Diameter		Mild Steel	Stainless & Tool Steel	Wood, Plastic & Aluminium
mm	inch			
16 - 20	5/8 - 25/32	500	230	700
22 - 29	7/8 - 1.1/8	400	185	550
30 - 38	1.3/16 - 1.1/2	330	150	450

## TUNGSTEN CARBIDE TIPPED

Carbide Tipped Hole Saws (CT)

Saw Diameter		Cast Iron	Wood & Plastic	Fibreglass	Aluminium	Suspended Floor
mm	Inch					
19 - 25	3/4 - 1	420 - 320	3200 - 2800	800 - 500	1650 - 1400	500 - 400
29 - 51	1.1/8 - 2	300 - 160	2400 - 1300	450 - 200	1200 - 600	350 - 190
54 - 79	2.1/8 - 3.1/8	150 - 100	1200 - 850	190 - 150	580 - 400	180 - 120
83 - 102	3.1/4 - 4	90 - 80	800 - 650	140 - 100	380 - 300	110 - 95
105 - 127	4.1/8 - 5	75 - 60	620 - 480	100 - 85	300 - 200	90 - 80
140 - 152	5.1/2 - 6	50 - 40	420 - 350	80 - 75	180 - 120	70 - 60

TCT Multi Purpose Hole Saws (MPH)

Saw Diameter		All Materials
mm	Inch	
19 - 27	3/4 - 11/16	1700 - 1300
29 - 51	1.1/8 - 2	1100 - 650
54 - 76	2.1/8 - 3	600 - 425
79-102	3.1/8 - 4	400 - 325
111 - 159	4.3/8 - 6.1/4	300 - 210

Carbide Tipped Deep Cut Hole Saws (CTD)

Saw Diameter		Mild Steel	Stainless & Steel	Aluminium
mm	Inch			
15 - 21	19/32 - 13/16	700 - 1000	300 - 700	1000 - 1400
22 - 30	7/8 - 1.3/16	500 - 800	200 - 450	800 - 1100
32 - 40	1.1/4 - 1.9/16	300 - 600	175 - 315	600 - 850
45 - 50	1.25/32 - 1.31/32	200 - 500	120 - 225	500 - 750
51 - 60	2 - 2.38	200 - 400	95 - 195	400 - 550
64 - 75	2.1/2 - 2.15/16	150 - 300	80 - 150	300 - 450
80 - 100	2.5/32 - 3.15/16	100 - 200	60 - 120	200 - 300

TCT Stainless Steel Hole Saws (SM)

Saw Diameter		Mild Steel	Stainless & Steel
mm	inch		
15 - 25	19/32 - 1	800 - 640	460 - 370
26 - 39	1.1/32 - 1.17/32	590 - 460	320 - 270
40 - 55	1.9/16 - 2.5/32	400 - 320	220 - 170
60 - 85	2.3/8 - 3.23/64	265 - 200	140 - 105
90 - 100	3.9/16 - 4.23/32	175 - 130	90 - 65

## DIAMOND GRIT

Diamond Grit Hole Saws (D)

Saw Diameter		Minimum Speed	Maximum Speed
mm	Inch		
14 - 25	9/16 - 1	500	1000
27 - 51	1.1/16 - 2	250	500
52 - 83	2.1/16 - 3.1/4	150	300
86 - 152	3.3/8 - 6	100	200

Diamond Grit Brick and Masonry Dri-Core Drills (BMC)

Saw Diameter		Minimum Speed	Maximum Speed
mm	Inch		
22 - 52	9/16 - 1	250	500
65 - 78	2.9/16 - 3.1/16	150	300
102 - 152	4 - 6	100	200

**Starrett®**

# TRADESMAN'S TOOL BAGS



**12 EXTERNAL POCKETS  
AND 6 INTERNAL POCKETS**

**IDEAL FOR DAY-  
TO-DAY TOOLS**

**COMPACT**



Carry strap

Main compartment  
with zip closure

Removable  
shoulder strap

Velcro pocket and  
external compartments



Description	Compartments and pockets	Dimensions (mm) L x W x H	Weight (Kg)	Barcode	Catalogue No.
Small Bag	12 external pockets 6 internal pockets	300 x 170 x 220	0.833	0049 659 08429 8	BGS

## SMALL TOOL BAG



Compact and ideal for carrying tools  
for small jobs.  
Main zip compartment, removable  
shoulder strap, reinforced carry strap  
and external and internal pockets.

# 7 EXTERNAL POCKETS AND 6 INTERNAL POCKETS

REINFORCED  
WATERPROOF BASE

**WATERPROOF**



Large internal space  
and easy access

Main compartment  
with zip closure

Large pockets and  
external compartments

Removable  
shoulder strap



Description	Compartments and pockets	Dimensions (mm) L x W x H	Weight (Kg)	Barcode	Catalogue No.
Medium Bag	7 external pockets 6 internal pockets	400 x 220 x 320	1.056	0049 659 08510 5	BGM

## MEDIUM TOOL BAG



Hard-wearing, with ABS plastic reinforced base - ready for heavy use.  
Main zip compartment offers security and ease of storage.  
Has adjustable strap and pockets which allow for better organisation of tools.

## 21 EXTERNAL POCKETS, 5 INTERNAL AND 8 ELASTICATED COMPARTMENTS

CARRY HANDLE

**REINFORCED**



Various pockets and external and internal compartments

Quick and easy access to tools

Reinforced internal base with ABS plastic supports

Removable shoulder strap



Description	Compartments and pockets	Dimensions (mm) L x W x H	Weight (Kg)	Barcode	Catalogue No.
Large Bag	21 external pockets, 5 internal 8 elasticated compartments	410 x 240 x 270	1.612	0049 659 08567 9	BGL

## LARGE TOOL BAG

Large storage capacity, with easy access to tools and rubber carry handle. Removable shoulder strap and various internal and external compartments.



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## SAWS & HAND TOOLS

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