

RotabroachTM



ROTABROACH™ Magnetic Drills

**The NEXT LEVEL of Metal
Cutting Performance,
This Is ROTABROACH™...**



**POWER To
Cut Metal.™**



02

ROTABROACH.CO.UK

POWER To Cut Metal.

03



POWER TOOLS

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The ULTIMATE
Portable Drilling
Solution.

MAGNETIC DRILL Selection Chart

Lightweight, powerful and full of features; Rotabroach™ magnetic drills take incredible cutting performance to any site, anywhere.

Magnetic Drilling Series	Cutter Capacity (mm)	Cutter Depth (mm)	Drill Chuck Capacity (mm)	Motor Power (W)	Weight (Kg)	Height (mm)	Arbor	Stroke (mm)	Tapping
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The **COMMANDO SERIES** delivers fantastic performance at excellent value.

COMMANDO 35	35mm	50mm	13mm	1050W	12Kg	435mm	Weldon	105mm	⊗
COMMANDO 40	40mm	50mm	13mm	1100W	14Kg	510mm	Weldon	85mm	⊗

The **ELEMENT™ SERIES** are performance machines designed to increase speed of working and optimise tool life. Fitted with a range of enhanced features, the **ELEMENT™** Mag Drills are a comprehensive range of machines designed for high volume work and heavy duty applications.

ELEMENT™ 30	32mm	35mm	13mm	850W	12Kg	414mm	Weldon	65mm	⊗
ELEMENT™ 40	40mm	50mm	13mm	1200W	13Kg	514mm	Weldon	80mm	⊗
ELEMENT™ 40 PERMANENT MAGNET	40mm	50mm	13mm	1200W	15Kg	514mm	Weldon	140mm	⊗
ELEMENT™ 50	50mm	50mm	13mm	1500W	15Kg	586mm	MT2	140mm	⊙
ELEMENT™ 50 PIVOT MAGNET	50mm	50mm	13mm	1500W	18Kg	640mm	Weldon	150mm	⊙
ELEMENT™ 50 LOW PROFILE	50mm	50mm	N/A	1200W	11Kg	179mm	MT2	62mm	⊗
ELEMENT™ 50 AUTOMATIC	50mm	50mm	20mm	1500W	18.5Kg	586mm	MT2	140mm	⊙
ELEMENT™ 75	75mm	75mm	16mm	1800W	23Kg	713mm	MT3	185mm	⊙
ELEMENT™ 100	100mm	100mm	16mm	2000W	25Kg	733mm	MT3	200mm	⊙

The **SPECIALIST SERIES** are designed for specialist applications, this series caters for both semi-autonomous drilling applications and ‘anti-spark’ environments, with both a hydraulic and pneumatic drilling option.

EAGLE	52mm	50mm	16mm	6.9 Bar Max Pneumatic	21Kg	560mm	Weldon	70mm	⊗
RAVEN	52mm	50mm	16mm	6.9 Bar Max Pneumatic	16Kg	525mm	Weldon	70mm	⊗
GATOR	52mm	50mm	16mm	140 Bar Hydraulic	23Kg	520mm	Weldon	70mm	⊗

COMMANDO 35 Magnetic Drill

COMMANDO
35

PACKING A POWERFUL 1050W MOTOR, IT'S CAPABLE OF DRILLING UP TO 35MM IN DIAMETER AND 50MM DEPTH OF CUT. FITTED WITH THERMAL OVERLOAD PROTECTION, IT'S THE PERFECT MACHINE FOR BOTH ON-SITE AND WORKSHOP DRILLING.



SPECIFICATIONS:

Cutter Capacity	35mm
Depth of Cut	50mm
Drill Chunk Capacity	13mm
No Load Speed	850RPM
Motor Specification	1050W
Magnet Adhesion	8000N
Length	245mm
Height	435mm
Width	155mm
Magnet Size	160 x 80mm
Weight	12kg
Motor	110/230V
Stroke	105mm

PART CODE: Commando 35/1 (110V), Commando 35/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity
35mm

Depth of Cut
50mm

Twist Drill Capacity
13mm

Weight
12Kg

8000N
Magnet Adhesion

1050W
Motor

KEY FEATURES:

Thermal Overload PROTECTION

Designed to shut down in cases of excessive heat generation, protecting your motor and machine.

INCLUDED:
Carry Case; Drill Chuck; Hex Keys; Safety Strap; Guard; Integrated Coolant System

COMMANDO 40 Magnetic Drill

COMMANDO
40

HIGH PERFORMANCE, ON ANY BUDGET. IDEAL FOR COUNTERSINKING AND TWIST DRILLING, THE COMMANDO 40 COMBINES A POWERFUL MOTOR WITH THE FLEXIBILITY OF 6 SPEEDS.



SPECIFICATIONS:

Cutter Capacity	40mm
Depth of Cut	50mm
Drill Chuck Capacity	13mm
Countersink	30mm
Tapping	No
No Load Speed	270 - 610RPM
Motor Specification	1100W
Magnet Adhesion	8000N
Length	265mm
Height	510mm
Width	180mm
Magnet Size	165 x 80mm
Weight	14kg
Motor	110/230V
Stroke	85mm

PART CODE: Commando 40/1 (110V), Commando 40/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity
40mm

Depth of Cut
50mm

Twist Drill Capacity
13mm

Weight
14Kg

8000N
Magnet Adhesion

Countersink Capacity
30mm

KEY FEATURES:

Variable SPEED

6 electronic speed settings, ideal for larger diameter cutting, countersinking and twist drills, providing maximum versatility.

Thermal Overload PROTECTION

Designed to shut down in cases of excessive heat generation, protecting your motor and machine.

INCLUDED:
Carry Case; Drill Chuck; Hex Keys; Safety Strap; Guard; Integrated Coolant System



INTERNAL Coolant System



INTERNAL Cabling



QUICK RELEASE
Interchangeable Handle



CUTSMART™ Technology



MAGNETIC Detection



ELEMENT™

POWER performance.
POWER the way you
work with metal.

FEATURES available in the series:

<p>CUTSMART™</p> <p>Safe and efficient working with our integrated LED digital panel display. It shows machine load, prolongs machine life and allows instant restarts after cutting out.</p>	<p>Internal CABLING</p> <p>Designed to minimize the risk of machine damage, our internal cabling design is essential to prevent potential magnetic drill downtime, keeping you working for longer.</p>	<p>QUICK Release Interchangeable Handle</p> <p>Effortless convenience with our tool-free, quick-release interchangeable handle. Designed to quickly, easily adjust to tight angles and difficult environments.</p>	<p>MAGNETIC Detection</p> <p>Detects unsafe levels of magnetic adhesion, providing a visual notification to the user of unsafe adhesion levels through a colour changing system.</p>
<p>PERMAMAG</p> <p>Fitted with patented permanent magnet technology, the machine will be safely magnetised on material just 3mm thick and stay adhered even if the power is cut, protecting the user and machine.</p>	<p>AUTO Function</p> <p>Featuring fully automatic drilling, this machine drills the hole, retracts and powers off – ready to be moved safely on to the next hole.</p>	<p>Swivel BASE</p> <p>This feature is included as standard on the Element™ 100 & 75 and allows the machine to be rotated up to 30 degrees, left or right and adjusted up to 10mm forwards and backwards.</p>	<p>Variable SPEED</p> <p>24 speeds available for maximum versatility for threading, countersinking and large diameter drilling.</p>
<p>Electronic Overload PROTECTION</p> <p>Designed to protect the user and machine from being overloaded, maximising product life and user safety.</p>	<p>2 Speed GEARBOX</p> <p>Ideal for optimal speed changes on HSS and TCT Cutters.</p>	<p>4 Speed GEARBOX</p> <p>Ideal for high capacity drilling applications for maximum performance.</p>	<p>Ideal for PIPE</p> <p>Designed for drilling pipes with a minimum diameter of 89mm width and standard magnetic drilling applications.</p>

ELEMENT™ 30 Magnetic Drill

ELEMENT30

THE SINGLE SPEED
LIGHTWEIGHT ELEMENT™ 30
IS BOTH POWERFUL AND
EASILY PORTABLE.



- CUTSMART
- Electronic Overload PROTECTION
- Internal CABLING
- QUICK Release Interchangeable Handle
- MAGNETIC Detection

SPECIFICATIONS:

Cutter Capacity	32mm
Depth of Cut	35mm
Twist Drill Capacity	13mm
Drill Chuck Capacity	13mm
No Load Speed	600RPM
Motor Specification	850W
Magnet Adhesion	10000N
Length	270mm
Height	414mm
Width	165mm
Magnet Size	180 x 90mm
Weight	12kg
Motor	110/230V
Stroke	65mm

PART CODE: Element 30/1 (110V), Element 30/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity
32mm

Depth of Cut
35mm

Twist Drill Capacity
13mm

Weight
12Kg

10000N
Magnet Adhesion

850W
Motor

KEY FEATURES:

- CUTSMART Protection for safe and efficient working
 - Fitted with ELECTRONIC overload protection
 - Tool-free QUICK Release interchangeable handle
 - Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
 - Detect unsafe levels of magnetic adhesion with MAGNETIC Detection
- INCLUDED:**
Carry Case; Internal Coolant System; Safety Strap; 4mm A/F Tee Handled Hexagon Key; 3mm Hexagon Key; 6mm Hexagon Key; Drill Chuck Adaptor; Drill Chuck and Key; Safety Glasses

ELEMENT™ 40 Magnetic Drill

ELEMENT40

ENHANCED DRILLING ON ANY JOB.
FEATURING A 2 SPEED GEARBOX,
THE ELEMENT™ 40 IS IDEAL FOR
COUNTERSINKING AND LARGER
DIAMETER DRILLING.



- CUTSMART
- Electronic Overload PROTECTION
- 2 Speed GEARBOX
- Internal CABLING
- QUICK Release Interchangeable Handle
- MAGNETIC Detection

SPECIFICATIONS:

Cutter Capacity	40mm
Depth of Cut	50mm
Twist Drill Capacity	13mm
Drill Chuck Capacity	13mm
No Load Speed	300 - 600RPM
Motor Specification	1200W
Magnet Adhesion	10000N
Length	285mm
Height	514mm
Width	185mm
Magnet Size	180 x 90mm
Weight	13kg
Motor	110/230V
Stroke	80mm

PART CODE: Element 40/1 (110V), Element 40/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity
40mm

Depth of Cut
50mm

Twist Drill Capacity
13mm

Weight
13Kg

10000N
Magnet Adhesion

1200W
Motor

KEY FEATURES:

- CUTSMART Protection for safe and efficient working
 - Fitted with ELECTRONIC overload protection
 - Tool-free QUICK Release interchangeable handle
 - Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
 - Detect unsafe levels of magnetic adhesion with MAGNETIC Detection
 - 2 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters
- INCLUDED:**
Carry Case; Internal Coolant System; Safety Strap; 4mm A/F Tee Handled Hexagon Key; 3mm Hexagon Key; 6mm Hexagon Key; Drill Chuck Adaptor; Drill Chuck and Key; Safety Glasses

ELEMENT™ 40 Permanent Magnet
Magnetic Drill

ELEMENT40
Permanent Magnet

FEATURING PATENTED
PERMANENT MAGNET
TECHNOLOGY, KEEPING
YOU SAFE EVEN WHEN THE
POWER GOES OUT.

CUTSMART

Electronic Overload
PROTECTION

PERMAMAG

Internal
CABLING

QUICK Release
Interchangeable
Handle

2 Speed
GEARBOX



ELEMENT™ 50 Magnetic Drill

ELEMENT50

LARGE CAPACITY DRILLING,
COUNTERSINKING AND
TAPPING, ALL IN ONE
POWERFUL MACHINE.

CUTSMART

Electronic Overload
PROTECTION

2 Speed
GEARBOX

Internal
CABLING

QUICK Release
Interchangeable
Handle

MAGNETIC
Detection

Variable
SPEED



SPECIFICATIONS:

Cutter Capacity	40mm
Depth of Cut	50mm
Twist Drill Capacity	13mm
Drill Chuck Capacity	13mm
Countersink	30mm
No Load Speed	300-600RPM
Motor Specification	1200W
Magnet Adhesion	5000N
Length	285mm
Height	514mm
Width	185mm
Magnet Size	210 x 90mm
Weight	13KG
Motor	110/230V
Stroke	85mm

PART CODE: Element 40/1PERM (110V), Element 40/3PERM (230V)

KEY SPECIFICATIONS:

Cutter Capacity
40mm

Depth of Cut
50mm

Twist Drill Capacity
13mm

Weight
13Kg

5000N
Magnet Adhesion

Countersink
Capacity
30mm

KEY FEATURES:

- PERMAMAG technology ensures the magnet stays permanent when the power cuts out
- CUTSMART Protection for safe and efficient working
- Fitted with ELECTRONIC overload protection
- Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
- 2 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters
- Tool-free QUICK Release interchangeable handle

INCLUDED:
Carry Case; Internal Coolant System; Safety Strap; 4mm A/F Tee Handled Hexagon Key; 3mm Hexagon Key; 6mm Hexagon Key; Drill Chuck Adaptor; Drill Chuck and Key; Safety Glasses

SPECIFICATIONS:

Cutter Capacity	50mm
Depth of Cut	50mm
Twist Drill Capacity	20mm
Drill Chuck Capacity	13mm
Morse Taper	MT2
Countersink	30mm
Tapping	M20
No Load Speed	100 - 500RPM
Motor Specification	1500W
Magnet Adhesion	13500N
Length	315mm
Height	586mm
Width	195mm
Magnet Size	200 x 98mm
Weight	15kg
Motor	110/230V
Stroke	140mm

PART CODE: Element 50/1 (110V), Element 50/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity
50mm

Depth of Cut
50mm

Twist Drill Capacity
20mm

Weight
15Kg

13500N
Magnet Adhesion

Countersink
Capacity
30mm

KEY FEATURES:

- CUTSMART Protection for safe and efficient working
- Fitted with ELECTRONIC overload protection
- Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
- Tool-free QUICK Release interchangeable handle
- Detect unsafe levels of magnetic adhesion with MAGNETIC Detection
- Variable SPEED for larger diameter cutting, providing maximum versatility
- 2 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters

INCLUDED:
Carry Case; Internal Coolant System; 16mm Chuck; Arbor Assembly - 6mm Hexagonal Spanner; Safety Glasses; Arbor Shank; Drift; Safety Strap; 3mm Hexagonal Spanner; Stationary Rings; Pilot Pin

ELEMENT™ 50 Pivot Magnet Magnetic Drill

ELEMENT 50
Pivot Magnet

IDEAL FOR THIN GAUGE
MATERIAL AND UNEVEN
SURFACES, INCLUDING
PIPEWORK AND OTHER
TOUGH SURFACES.

CUTSMART

Electronic Overload PROTECTION

PERMAMAG

Internal CABLING

QUICK Release Interchangeable Handle

2 Speed GEARBOX

Variable SPEED

Ideal for PIPE



ELEMENT™ 50 Automatic Magnetic Drill

ELEMENT 50
Automatic

THE NEXT LEVEL OF
EFFICIENCY, DESIGNED TO
DRILL THROUGH, RETRACT AND
POWER DOWN, COMPLETELY
AUTOMATICALLY.

CUTSMART

Electronic Overload PROTECTION

2 Speed GEARBOX

AUTO Function

Internal CABLING

QUICK Release Interchangeable Handle

MAGNETIC Detection

Variable SPEED



SPECIFICATIONS:

Cutter Capacity	50mm
Depth of Cut	50mm
Twist Drill Capacity	20mm
Drill Chuck Capacity	13mm
Morse Taper	MT2
Countersink	30mm
Tapping	M20
No Load Speed	100-500RPM
Motor Specification	1500W
Magnet Adhesion	8430N
Length	317mm
Height	640mm
Width	190mm
Magnet Size	277 x 190mm
Weight	18kg
Motor	110/230V
Stroke	150mm

PART CODE: Element 50/IPM (110V), Element 50/3PM (230V)

KEY SPECIFICATIONS:

Cutter Capacity 50mm

Depth of Cut 50mm

Twist Drill Capacity 20mm

Weight 18Kg

8430N Magnet Adhesion

Countersink Capacity 30mm

KEY FEATURES:

- Ideal for PIPE with a minimum diameter of 89mm
- CUTSMART Protection for safe and efficient working.
- Fitted with ELECTRONIC overload protection
- Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
- 2 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters
- Tool-free QUICK Release interchangeable handle
- PERMAMAG technology ensures the magnet stays permanent when the power cuts out
- Variable SPEED for larger diameter cutting, providing maximum versatility

INCLUDED:
Carry Case; Internal Coolant System; 16mm Chuck; Arbor Assembly - 6mm Hexagonal Spanner; Safety Glasses; Arbor Shank; Drift; Safety Strap; 3mm Hexagonal Spanner; Stationery Rings; Pilot Pin

SPECIFICATIONS:

Cutter Capacity	50mm
Depth of Cut	50mm
Twist Drill Capacity	20mm
Drill Chuck Capacity	13mm
Morse Taper	MT2
Countersink	30mm
Tapping	M20
No Load Speed	100-500RPM
Motor Specification	1500W
Magnet Adhesion	13500N
Length	395mm
Height	586mm
Width	255mm
Magnet Size	200 x 98mm
Weight	18.5KG
Motor	110/230V
Stroke	140mm

PART CODE: Element 50/1AUTO (110V), Element 50/3AUTO (230V)

KEY SPECIFICATIONS:

Cutter Capacity 50mm

Depth of Cut 50mm

Twist Drill Capacity 20mm

Weight 18.5Kg

13500N Magnet Adhesion

Countersink Capacity 30mm

KEY FEATURES:

- AUTO Function fully automatic drilling
- CUTSMART Protection for safe and efficient working
- Fitted with ELECTRONIC overload protection
- Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
- 2 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters
- Tool-free QUICK Release interchangeable handle
- Detect unsafe levels of magnetic adhesion with MAGNETIC Detection
- Variable SPEED for larger diameter cutting, providing maximum versatility

INCLUDED:
Carry Case; Internal Coolant System; 16mm Chuck; Arbor Assembly - 6mm Hexagonal Spanner; Safety Glasses; Arbor Shank; Drift; Safety Strap; 3mm Hexagonal Spanner; Stationery Rings; Pilot Pin

ELEMENT™ 50

Low Profile

MAXIMUM
PERFORMANCE,
MINIMUM SIZE;
THE ELEMENT™ 50
LOW PROFILE IS THE
LARGEST CAPACITY
DRILL ON THE
MARKET.

With 1200W motor and 6 speeds, its small in height, but big in capacity. Fitted with CutSmart™ technology to maximise performance of the machine and cutting tool life, the Low Profile has the power to transform how you work on site.



CUTSMART™ Electronic Overload PROTECTION
Internal CABLING QUICK Release Interchangeable Handle MAGNETIC Detection Variable SPEED

SPECIFICATIONS:

Cutter Capacity	50mm
Depth of Cut	50mm
Countersink	30mm*
No Load Speed	250-500RPM
Motor Specification	1200W
Magnet Adhesion	10000N
Length	334mm
Height	179mm
Width	100mm
Magnet Size	192 x 82mm
Weight	11kg
Motor	110/230V
Stroke	62mm

*Requires an extension arbor RD32059.

KEY SPECIFICATIONS:

Cutter Capacity
50mm

Depth of Cut
50mm

1200W
Motor

**Weight
11Kg**

10000N
Magnet Adhesion

Countersink
Capacity
30mm*

KEY FEATURES:

- **DRILLSMART Protection** for safe and efficient working
- Fitted with **ELECTRONIC** overload protection
- Minimise machine damage and prevent magnetic drill downtime with **Internal CABLING**
- Tool-free **QUICK Release** interchangeable handle
- Detect unsafe levels of magnetic adhesion with **MAGNETIC Detection**
- **Variable SPEED** for larger diameter cutting, providing maximum versatility

INCLUDED:
Carry Case; Fixed Guard; Safety Strap; Coolant bottle; 4mm Hexagonal Wrench; coolant Bottle; Ratchet Handle; Safety Strap; Safety Glasses

PART CODE: Element 50 LOWPROFILE 1 (110V), Element 50 LOWPROFILE 3 (230V)

ELEMENT™ 75 Magnet Magnetic Drill

ELEMENT75

LARGE CAPACITY MACHINE. DRILLS HOLES UP TO 75MM AND WITH 12 FORWARD AND REVERSE SPEEDS, TAPS UP TO M24.

CUTSMART

Electronic Overload PROTECTION

2 Speed GEARBOX

Swivel BASE

Internal CABLING

QUICK Release Interchangeable Handle

MAGNETIC Detection

Variable SPEED

SPECIFICATIONS:

Cutter Capacity	75mm
Depth of Cut	75mm
Twist Drill Capacity	26mm
Drill Chuck Capacity	16mm
Morse Taper	MT3
Countersink	40mm
Tapping	M24
No Load Speed	70 -500RPM
Motor Specification	1800W
Magnet Adhesion	18500N
Length	375mm
Height	713mm
Width	214mm
Magnet Size	220 x 114mm
Weight	23kg
Motor	110/230V
Stroke	185mm

PART CODE: Element 75/1 (110V), Element 75/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity 75mm

Depth of Cut 75mm

Twist Drill Capacity 26mm

Weight 23Kg

18500N Magnet Adhesion

Countersink Capacity 40mm

KEY FEATURES:

- CUTSMART Protection for safe and efficient working
- Fitted with ELECTRONIC overload protection
- Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
- Tool-free QUICK Release interchangeable handle
- Detect unsafe levels of magnetic adhesion with MAGNETIC Detection
- Variable SPEED for larger diameter cutting, providing maximum versatility
- 2 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters

INCLUDED:
Carry Case; Internal Coolant System; 16mm Chuck; Arbor Assembly - 6mm Hexagonal Spanner; Safety Glasses; Arbor Shank; Drill; Safety Strap; 3mm Hexagonal Spanner; Stationery Rings; Pilot Pin

ELEMENT™ 100 Magnetic Drill

ELEMENT100

100MM CAPACITY DRILLING DESIGNED TO TAKE ON THE TOUGHEST JOBS WITH 4 GEARS AND A POWERFUL 2000W MOTOR.

CUTSMART

Electronic Overload PROTECTION

4 Speed GEARBOX

Swivel BASE

Internal CABLING

QUICK Release Interchangeable Handle

MAGNETIC Detection

Variable SPEED

SPECIFICATIONS:

Cutter Capacity	100mm
Depth of Cut	100mm
Twist Drill Capacity	32mm
Drill Chuck Capacity	16mm
Morse Taper	MT3
Countersink	40mm
Tapping	M30
No Load Speed	45 -700RPM
Motor Specification	2000W
Magnet Adhesion	20000N
Length	370mm
Height	733mm
Width	230mm
Magnet Size	228 x 114mm
Weight	25kg
Motor	110/230V
Stroke	200mm

PART CODE: Element 100/1 (110V), Element 100/3 (230V)

KEY SPECIFICATIONS:

Cutter Capacity 100mm

Depth of Cut 100mm

Twist Drill Capacity 32mm

Weight 25Kg

20000N Magnet Adhesion

Countersink Capacity 40mm

KEY FEATURES:

- CUTSMART Protection for safe and efficient working
- Fitted with ELECTRONIC overload protection
- Minimise machine damage and prevent magnetic drill downtime with Internal CABLING
- Tool-free QUICK Release interchangeable handle
- Detect unsafe levels of magnetic adhesion with MAGNETIC Detection
- Variable SPEED for larger diameter cutting, providing maximum versatility
- 4 Speed GEARBOX ideal for optimal speed changes on HSS and TCT cutters

INCLUDED:
Carry Case; Internal Coolant System; 16mm Chuck; Arbor Assembly - 6mm Hexagonal Spanner; Safety Glasses; Arbor Shank; Drill; Safety Strap; 3mm Hexagonal Spanner; Stationery Rings; Pilot Pin

Specialist: **EAGLE** Pneumatic Magnetic Drill

EAGLE

A POWERFUL PNEUMATIC MAG DRILL, MANUFACTURED FROM ZA12 ALLOY ANTI-SPARK MATERIAL FOR USE IN HAZARDOUS AREAS.



SPECIFICATIONS:

Cutter Capacity	52mm
Depth of Cut	50mm
Drill Chuck Capacity	16mm
No Load Speed	270RPM
Motor Specification	28cfm
Magnet Adhesion	7000N
Length	370mm
Height	540mm
Width	175mm
Magnet Size	165 x 80mm
Weight	21kg
Stroke	70mm

PART CODE: **RD130C**

KEY SPECIFICATIONS:

Cutter Capacity
52mm

Depth of Cut
50mm

7000N
Magnet Adhesion

Weight 21Kg

INCLUDED:

Safety Strap;
Hexagon Spanner 4mm;
Hexagon Spanner 3mm;
Pipe Fixing Strap

KEY FEATURES:

- Manufactured from ZA12 alloy anti-spark material
- Ideal in corrosive and hazardous areas
- Fully ATEX approved to EXII 2GDe T6 IIC T85°C
- Atlas Copco pneumatic motor for safety in hazardous areas

Specialist: **RAVEN** Pneumatic Magnetic Drill

RAVEN

A TOUGH, LIGHTWEIGHT AND VERSATILE PNEUMATIC MAG DRILL, DESIGNED FOR USE IN NON-CORROSIVE ATMOSPHERES.



SPECIFICATIONS:

Cutter Capacity	52mm
Depth of Cut	50mm
No Load Speed	270RPM
Motor Specification	28cfm
Magnet Adhesion	7000N
Length	315mm
Height	540mm
Width	160mm
Magnet Size	165 x 80mm
Weight	16kg
Stroke	70mm

PART CODE: **CM/330/C**

KEY SPECIFICATIONS:

Cutter Capacity
52mm

Depth of Cut
50mm

7000N
Magnet Adhesion

Weight 16Kg

INCLUDED:

Safety Strap;
Hexagon Spanner 4mm;
Hexagon Spanner 3mm;
Pipe Fixing Strap

KEY FEATURES:

- Mechanically activated magnet
- For use on pneumatic supplies in non-corrosive atmospheres
- Fully ATEX approved to EXII 2GDe T6 IIC T85°C
- Atlas Copco pneumatic motor for safety in hazardous areas

Specialist: GATOR Hydraulic Magnetic Drills

GATOR

A MECHANICALLY ACTIVATED
MAGNETIC BASE. THE GATOR IS
USED IN APPLICATIONS WHEN ONLY
HYDRAULIC SUPPLIES ARE MOST
CONVENIENT OR NECESSARY.

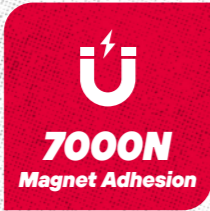


SPECIFICATIONS:

Cutter Capacity	52mm
Depth of Cut	50mm
Drill Chuck Capacity	16mm
No Load Speed	630RPM
Motor Specification	140bar
Magnet Adhesion	7000N
Length	320mm
Height	520mm
Width	160mm
Magnet Size	165 x 80mm
Weight	23kg
Stroke	70mm

PART CODE: RD140

KEY SPECIFICATIONS:



KEY FEATURES:

- A powerful tool designed for precision and efficiency
- Hydraulic system ensuring optimal performance
- Tackle heavy duty drilling tasks at ease with a 52mm cutter capacity

INCLUDED:

Safety Strap;
Hexagon Spanner 4mm;
Hexagon Spanner 3mm;
Pipe Fixing Strap

MAG DRILL ACCESSORIES

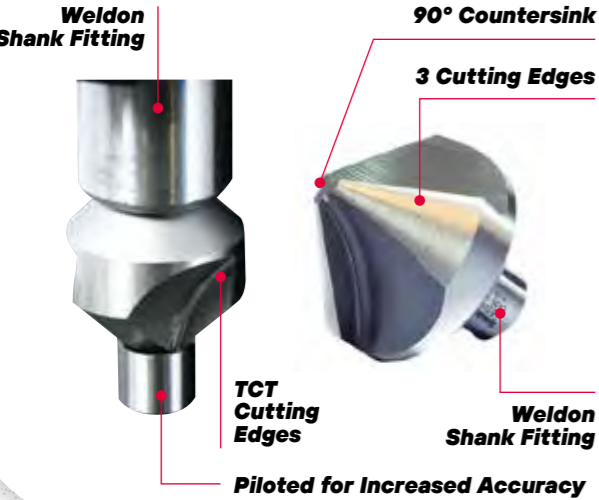
MAG DRILL
Accessories

Choosing the
RIGHT MAG DRILL
ACCESSORY for
the RIGHT job.



MAG DRILL ACCESSORIES: Cutting Tools

COUNTERSINKS:



- Weldon Shank Countersinks available in HSS M2AL or with Tungsten Carbide Tips for harder wear materials.
- For best countersinking results always use coolant and a variable speed machine to ensure best tool performance.

Part Number	Product Description
CK30	HSS M2AL Countersink upto 30mm diameter holes
CK40	HSS M2AL Countersink upto 40mm diameter holes
CK55	HSS M2AL Countersink upto 55mm diameter holes

Part Number	Product Description
RPCC201	Tungsten Carbide Tipped Countersink upto 40mm diameter holes
RPCC100	Tungsten Carbide Kit Includes pilots for 14,18 & 22mm holes

TWIST DRILLS:



- M42 Twist Drills with weldon shanks ideal for smaller diameter drilling with magnetic drills.
- No requirement for chucks, simply put straight into the magnetic drill.
- Suitable for materials up to <1100N/mm² such as Stainless Steel and Rail Track.

Part Number	DIA	D.O.C	Product Description
RRTW060	6mm	25mm	6mm M42 Weldon Shank Twist Drill
RRTW070	7mm	25mm	7mm M42 Weldon Shank Twist Drill
RRTW080	8mm	25mm	8mm M42 Weldon Shank Twist Drill
RRTW090	9mm	25mm	9mm M42 Weldon Shank Twist Drill
RRTW100	10mm	25mm	10mm M42 Weldon Shank Twist Drill
RRTW110	11mm	25mm	11mm M42 Weldon Shank Twist Drill
RRTW120	12mm	25mm	12mm M42 Weldon Shank Twist Drill
RRTW130	13mm	25mm	13mm M42 Weldon Shank Twist Drill

CUTTER ADAPTORS:

NITTO Universal Cutter Adaptor

Fein Quick-in-Shank

NITTO Threaded Adaptor



Use the cutter adaptors to allow you to fit Rotabroach™ cutters in other non-weldon shank accepting magnetic drills.

Part Number	Product Description
CQA01	Fein Quick-In Shank
CQA02	One-Touch Shank
CQA03	Nitto Threaded Adaptor

Fits any Weldon Shank Cutter

MAG DRILL ACCESSORIES: Arbors, Adaptors and Cutting Lubricants

MORSE TAPER ARBORS:

Rotabroach™ manufacture a range of Morse Taper Arbors allowing to you utilise other types of machinery for use with annular cutters, larger diameter tools and shank diameters.

Range of Morse Taper Shanks Available

High Quality Manufacturing



Part Number	Morse Taper	Shank Dia	Depth
CA120	2	19.05mm	50mm
CA130	3	19.05mm	50mm
CA130 + Pilot RA3120	3	19.05mm	75mm
CA130 + Pilot RA3122	3	19.05mm	100mm
CA130X	3	32mm	50mm
CA130X + Pilot RA3121	3	32mm	75mm
CA130X + Pilot RA3123	3	32mm	100mm
CA1375 + Pilot SRA130	3	19.05mm	75mm
CA3310 + Pilot 20ZAXL400P	3	32mm	100mm
CA140	4	19.05mm	50mm
CA1475	4	19.05mm	75mm
CA340	4	32mm	50mm
CA3475	4	32mm	75mm
CA1575	5	19.05mm	75mm
CA3510	5	32mm	100mm
CA1510	5	19.05mm	100mm

CUTTING LUBRICANTS:

- Rotabroach™ cutting fluid and lubricants have been formulated to ensure you get the most out of your cutters.
- For applications where fluid is unsuitable we have our 'Slick-Stik™' lubrication sticks ensuring you can still use lubrication even when working at height.

Part Number	Volume
RD208	1L Neat Cutting Fluid
RD229	5L Neat Cutting Fluid
RD2094	Cutting Paste 500g
RD40068	Slick-Stik™ 1.68oz
RD40065	Slick-Stik™ 16oz



EXTENSION ARBORS:

Designed for extended reach, whilst maintaining concentricity over various lengths.

Range of extensions available

Part Number	Extension
RD2091	25mm
RD2090	50mm
RD2092	75mm
RD2102	100mm
RD2103	150mm
RD2104	200mm
RD2105	250mm



Fits any Weldon Shank Machine

VACUUM PAD:

- For applications where it is unsuitable to fit the magnet of a drill directly to the material surface.
- Holding force of 368KG at the centre position, magnetic drills can be used on even non-magnetic surfaces.
- An air supply of 4 cubic feet per minute and minimum pressure of 70psi is required.

Part Number	Product Description
DB121	Rotabroach™ Vacuum Pad



Fits all Rotabroach™ Machines

370kg Holding Force

SWARF STICK:

This hand held lightweight tool helps attract ferrous metal chippings and swarf which can easily be removed from the work area. Simply push in the handle and place the tool over the metal chippings and swarf. The stick will attract the waste to itself.

Part Number	CT/010/100
-------------	------------

Lightweight and easy to use



Rail: RHINO 4 Magnetic Drill

RHINO4 RAIL

THE RHINO 4 DELIVERS
FASTER DRILLING
CAPABILITY WITH A HONDA
4 STROKE ENGINE.



POWERED by
HONDA

SPECIFICATIONS:

Cutter Capacity	36mm
No Load Speed	320RPM
Motor Specification	1500W 2.0HP
Magnet Adhesion	n/a
Length	540mm
Height	420mm
Width	420mm
Weight	20kg
Motor	4 stroke petrol

KEY SPECIFICATIONS:



INCLUDED:

4mm A/F Tee Handled
Hexagon Key; Coolant Feed
Dispenser; 8mm Hex Key;
3/16" Long Hex Key



KEY FEATURES:

- Low noise
- Minimal hand-arm vibration
- Superb fuel efficiency
- Honda 4 stroke engine
- Designed for railway engineers
- Delivers fast drilling capacity

BUILT FOR RAIL.

PART CODE: RD074



Rail: RHINO E Magnetic Drill

RHINO E RAIL

THE RHINO E IS AN
ELECTRIC MACHINE,
DESIGN SPECIFICALLY FOR
TOUGH, RAIL WORKING
ENVIRONMENTS.



SPECIFICATIONS:

Cutter Capacity	40mm
Twist Drill Capacity	13.5mm
No Load Speed	270-610RPM
Motor Specification	1100W
Length	640mm
Height	320mm
Width	180mm
Weight	16kg
Motor	110/230V

KEY SPECIFICATIONS:



INCLUDED:

4mm A/F Tee
Handled Hexagon Key;
3mm Hexagon key;
Coolant Feed Dispenser



KEY FEATURES:

- Ideal for tunnel work and confined spaces with poor ventilation
- Powerful 1100W electric motor
- Thermal overload protection for increased machine durability

BUILT FOR RAIL.

PART CODE: CM/127/1 (110V), CM/127/3 (230V)



ELEMENT™ 14 Chop Saw and BLADE RANGE



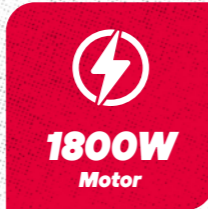
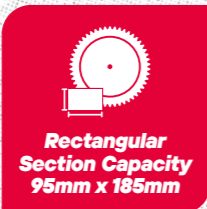
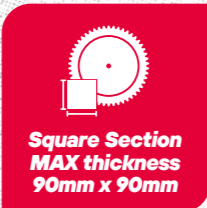
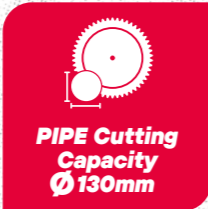
ELEMENT™ 14
Chop Saw

MAKE LIGHT WORK OF CUTTING
STEEL PLATE, SQUARE TUBE,
ANGLE IRON, PIPE, TUBE AND
SHEET METAL.

SPECIFICATIONS:

No Load Speed	1300/1450
Motor Specification	110V 1800W 230v 2200W
Cutting Capacity Box Section	120 x 120mm
Cutting Capacity Rectangular Section	95 x 180mm
Cutting Capacity Pipe	130mm
Overall Dimensions	565 x 285 x 405mm
Weight	28kg
Safety Features	Retracting blade guard and metal chip collection chamber.

KEY SPECIFICATIONS:



KEY FEATURES:

- **EFFORTLESS** cutting for steel plate, square tube, angle iron, pipe, tube and sheet metal
- **QUICKER**, more accurate and **SAFER** than conventional abrasive cutting saws
- **SPARK FREE** with no burr
- **SWIVEL VICE** to enable 45° cutting

INCLUDED:

Cermet-tipped Steel Cutting Blade;
Hexagonal Key; Quick Release Vice

PART CODE: Element 14/1A (110V), Element 14/3A (230V)

ELEMENT™ 14 Chop Saw
and BLADE RANGE

14" CERMET
BLADES

CERMET BLADES PRODUCE A
CLEAN, COOL CUT, WITH MINIMAL
VIBRATION AND SPARKS. CERMET
TIPPED, OFFERING INCREASED
TOOL LIFE.



- Last up to **20 TIMES LONGER** than conventional abrasive discs
- **UP TO 40%** better life than TCT blades
- **TRIPLE CHIP** design for added durability











14" Cermet Blades • Specifications:

Part No.	Teeth	Bore
STEEL		
RAPB355FS	66T	25.4mm (1")
ALUMINIUM		
RAPB355AL	80T	25.4mm (1")
MULTI-PURPOSE		
RAPB355MP	36T	25.4mm (1")
STAINLESS STEEL		
RAPB355SS	120T	25.4mm (1")

ANNULAR Cutters

Choosing the
RIGHT cutter for
the **RIGHT** job.



ANNULAR CUTTER MATERIAL GUIDE	RAPTOR E	RAPTOR X	RAPTOR X+	RAPTOR T	RAPTOR CTX	RAPTOR RAIL XR	RAPTOR RAIL TR
	HSS Cutters designed for faster cutting.	Raptor X the original high performance annular cutter for 3X life.	Specially formulated coated cutter ideal for harder materials.	Tungsten Carbide Tipped Cutters ideal for tough steels.	Cermet Carbide Tipped Cutters for Hardox® style materials.	HSS Rail Geometry Cutters ideal for Rail Track.	Tungsten Carbide Tipped Rail Cutters ideal for hardened Rail Track.
	HSS M2	HSS M2AL	HSS M2AL	TCT	CTCT	HSS M2AL	TCT
	<750N	<900N	<900N	<1400N	<1800N	<900N	<1400N
 Mild Steel	✓	✓	✓	✓	✓	✗	✗
 Structural Steel	✓	✓	✓	✓	✓	✗	✗
 Construction Steel	✓	✓	✓	✓	✓	✗	✗
 High Strength Steel	✗	✓	✓	✓	✓	✗	✗
 Fine Grain Steel	✗	✗	✓	✓	✓	✗	✗
 Stainless Steel	✗	✗	✓	✓	✓	✗	✗
 Hardox®	✗	✗	✗	✗	✓	✗	✗
 Inconel®	✗	✗	✗	✗	✓	✗	✗
 Standard Railtrack	✗	✗	✗	✗	✗	✓	✓
 Hardened Railtrack	✗	✗	✗	✗	✗	✗	✓

RAPTOR E

HSS M2

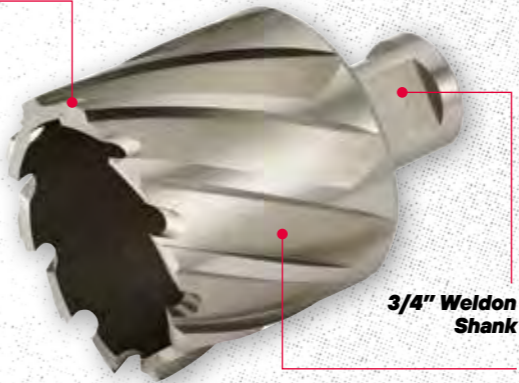
High Speed Steel Cutters, ideal for fast speed cutting in general fabrication.



RAPTOR E

HSS M2

Alternative tooth geometry, for greater heat dissipation



3/4" Weldon Shank

Thin wall technology for faster cuts

Suitable for Drilling:



- Thin wall technology for the fastest cutting speed.
- Alternative tooth geometry for heat dissipation in the cutting action.
- New range of major size annular cutters, ideal for site fabrication.
- Always use a pilot pin to enhance cutter life by 80%.

Raptor E Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
PILOT1011S	RE10S - RE11S
PILOT1011L	RE10L - RE11L
PILOTS	RE12S - RE40S
PILOTL	RE12L - RE40L

Diameter (mm)	30mm Depth of Cut	50mm Depth of Cut
10mm	RE10S	RE10L
11mm	RE11S	RE11L
12mm	RE12S	RE12L
13mm	RE13S	RE13L
14mm	RE14S	RE14L
15mm	RE15S	RE15L
16mm	RE16S	RE16L
17mm	RE17S	RE17L
18mm	RE18S	RE18L
19mm	RE19S	RE19L
20mm	RE20S	RE20L
21mm	RE21S	RE21L
22mm	RE22S	RE22L
23mm	RE23S	RE23L
24mm	RE24S	RE24L
25mm	RE25S	RE25L
26mm	RE26S	RE26L
27mm	RE27S	RE27L
28mm	RE28S	RE28L
29mm	RE29S	RE29L
30mm	RE30S	RE30L
31mm	RE31S	RE31L
32mm	RE32S	RE32L
33mm	RE33S	RE33L
34mm	RE34S	RE34L
35mm	RE35S	RE35L
36mm	RE36S	RE36L
37mm	RE37S	RE37L
38mm	RE38S	RE38L
39mm	RE39S	RE39L
40mm	RE40S	RE40L



RAPTOR^X

HSS M2AL

Raptor X high performance HSS annular cutter for 3X life.



Available as individuals and in kits

RAPTOR^X

HSS M2AL



Unique and original design geometry used by Rotabroach™ since 1975

Strip landed for enhanced clearance, leading to extended tool life

Made from M2AL for drilling harder materials

Suitable for Drilling:



- X3 Longer life than standard HSS Annular cutters.
- Unique and original design geometry used by Rotabroach™ since 1975.
- Market leading cutting performance for speed and tool life.
- Strip landed for enhanced clearance leading to extended tool life.
- Made from high grade M2AL for drilling harder materials.
- Always use a pilot pin to enhance cutter life by 80%.

Raptor X Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
SRA3057	RAP110 – RAP120
SRA25	RAP130 – RAP650
RA3013	RAPL120
SRA50	RAPL130-RAPL650

Diameter (mm)	30mm Depth of Cut	50mm Depth of Cut
11mm	RAP110	RAPL110
12mm	RAP120	RAPL120
13mm	RAP130	RAPL130
14mm	RAP140	RAPL140
15mm	RAP150	RAPL150
16mm	RAP160	RAPL160
17mm	RAP170	RAPL170
18mm	RAP180	RAPL180
19mm	RAP190	RAPL190
20mm	RAP200	RAPL200
21mm	RAP210	RAPL210
22mm	RAP220	RAPL220
23mm	RAP230	RAPL230
24mm	RAP240	RAPL240
25mm	RAP250	RAPL250
26mm	RAP260	RAPL260
27mm	RAP270	RAPL270
28mm	RAP280	RAPL280
29mm	RAP290	RAPL290
30mm	RAP300	RAPL300
31mm	RAP310	RAPL310
32mm	RAP320	RAPL320
33mm	RAP330	RAPL330
34mm	RAP340	RAPL340
35mm	RAP350	RAPL350
36mm	RAP360	RAPL360
37mm	RAP370	RAPL370
38mm	RAP380	RAPL380
39mm	RAP390	RAPL390
40mm	RAP400	RAPL400
41mm	RAP410	RAPL410
42mm	RAP420	RAPL420
43mm	RAP430	RAPL430
44mm	RAP440	RAPL440
45mm	RAP450	RAPL450
46mm	RAP460	RAPL460
47mm	RAP470	RAPL470
48mm	RAP480	RAPL480
49mm	RAP490	RAPL490
50mm	RAP500	RAPL500
51mm	RAP510	RAPL510
52mm	RAP520	RAPL520
53mm	RAP530	RAPL530
54mm	RAP540	RAPL540
55mm	RAP550	RAPL550
56mm	RAP560	RAPL560
57mm	RAP570	RAPL570
58mm	RAP580	RAPL580
59mm	RAP590	RAPL590
60mm	RAP600	RAPL600
61mm	RAP610	RAPL610
62mm	RAP620	RAPL620
63mm	RAP630	RAPL630
64mm	RAP640	RAPL640
65mm	RAP650	RAPL650

RAPTOR X+

HSS M2AL

Raptor X+ with Specially formulated coating for 70% longer tool life.



Available as individuals and in kits

RAPTOR X+ HSS M2AL

Suitable for long drilling runs under load



Ideal for drilling harder materials, due to lower heat levels at the cutting edge



Unique PVD coating developed exclusively for Rotabroach™ high performance tool ranges.

Suitable for Drilling:



- Extend tool life by up to 70% longer compared to other HSS Cutters.
- Reduced heat generation at the cutting edge for optimal performance.
- Unique coating exclusive to Rotabroach™ High Performance tooling lines.
- Always use a pilot pin to enhance cutter life by 80%.

Raptor X+ Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
SRA3057	RAPXPLUS110 – RAPXPLUS120
SRA25	RAPXPLUS130 – RAPXPLUS600
RA3013	RAPXPLUSL120
SRA50	RAPXPLUSL130–RAPXPLUSL650

Diameter (mm)	30mm Depth of Cut	50mm Depth of Cut
11mm	RAPXPLUS110	RAPXPLUSL110
12mm	RAPXPLUS120	RAPXPLUSL120
13mm	RAPXPLUS130	RAPXPLUSL130
14mm	RAPXPLUS140	RAPXPLUSL140
15mm	RAPXPLUS150	RAPXPLUSL150
16mm	RAPXPLUS160	RAPXPLUSL160
17mm	RAPXPLUS170	RAPXPLUSL170
18mm	RAPXPLUS180	RAPXPLUSL180
19mm	RAPXPLUS190	RAPXPLUSL190
20mm	RAPXPLUS200	RAPXPLUSL200
21mm	RAPXPLUS210	RAPXPLUSL210
22mm	RAPXPLUS220	RAPXPLUSL220
23mm	RAPXPLUS230	RAPXPLUSL230
24mm	RAPXPLUS240	RAPXPLUSL240
25mm	RAPXPLUS250	RAPXPLUSL250
26mm	RAPXPLUS260	RAPXPLUSL260
27mm	RAPXPLUS270	RAPXPLUSL270
28mm	RAPXPLUS280	RAPXPLUSL280
29mm	RAPXPLUS290	RAPXPLUSL290
30mm	RAPXPLUS300	RAPXPLUSL300
31mm	RAPXPLUS310	RAPXPLUSL310
32mm	RAPXPLUS320	RAPXPLUSL320
33mm	RAPXPLUS330	RAPXPLUSL330
34mm	RAPXPLUS340	RAPXPLUSL340
35mm	RAPXPLUS350	RAPXPLUSL350
36mm	RAPXPLUS360	RAPXPLUSL360
37mm	RAPXPLUS370	RAPXPLUSL370
38mm	RAPXPLUS380	RAPXPLUSL380
39mm	RAPXPLUS390	RAPXPLUSL390
40mm	RAPXPLUS400	RAPXPLUSL400

ANNULAR Cutters

RAPTOR T

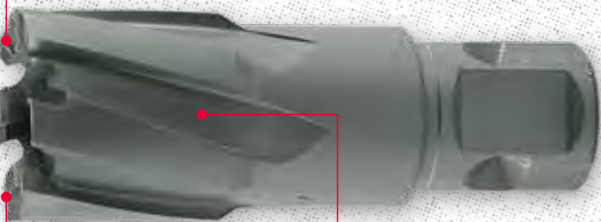
CARBIDE TCT

Raptor T Carbide Tipped Cutters for the toughest materials.



Available as individuals and in kits

Rotabroach™ carbide tips for 3x longer life than other carbide cutters



Specialist 3 step alternative tooth geometry

Fully fluted, hardened Cutter body

- Specialist 3 step alternative tooth geometry for the smoothest cut.
- Extensive range of diameters and sizes for every application.
- Designed for drilling tougher materials up to 1400N/mm2.
- Always use a pilot pin to enhance cutter life by 80%.
- 150mm & 200mm Depth of Cut options supplied with Specialist pins*.

Raptor T Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
SRA90	CWC12-CWC17
RA3089	CWC18-CWC52
SRA50	CWCL12-CWCL17
RA356	CWCL18-CWCL65
RA3094	CWCL66+
SRA130	CWCT12-CWCT17
RA3120	CWCT18-CWCT65
RA3121	CWCT66+
20ZAXL400P	CWCX12-CWCX17
RA3122	CWCX66+

Suitable for Drilling:



ANNULAR Cutters

RAPTOR T CARBIDE TCT

Dia (mm)	35mm D.O.C	50mm D.O.C	75mm D.O.C	100mm D.O.C	150mm* D.O.C	200mm* D.O.C
12mm	CWC12	CWCL12				
13mm	CWC13	CWCL13				
14mm	CWC14	CWCL14	CWCT14	CWCX14		
15mm	CWC15	CWCL15	CWCT15	CWCX15		
16mm	CWC16	CWCL16	CWCT16	CWCX16		
17mm	CWC17	CWCL17	CWCT17	CWCX17		
18mm	CWC18	CWCL18	CWCT18	CWCX18	CWCXX18	
19mm	CWC19	CWCL19	CWCT19	CWCX19	CWCXX19	
20mm	CWC20	CWCL20	CWCT20	CWCX20	CWCXX20	
21mm	CWC21	CWCL21	CWCT21	CWCX21	CWCXX21	
22mm	CWC22	CWCL22	CWCT22	CWCX22	CWCXX22	CWCXXX22
23mm	CWC23	CWCL23	CWCT23	CWCX23	CWCXX23	CWCXXX23
24mm	CWC24	CWCL24	CWCT24	CWCX24	CWCXX24	CWCXXX24
25mm	CWC25	CWCL25	CWCT25	CWCX25	CWCXX25	CWCXXX25
26mm	CWC26	CWCL26	CWCT26	CWCX26	CWCXX26	CWCXXX26
27mm	CWC27	CWCL27	CWCT27	CWCX27	CWCXX27	CWCXXX27
28mm	CWC28	CWCL28	CWCT28	CWCX28	CWCXX28	CWCXXX28
29mm	CWC29	CWCL29	CWCT29	CWCX29	CWCXX29	CWCXXX29
30mm	CWC30	CWCL30	CWCT30	CWCX30	CWCXX30	CWCXXX30
31mm	CWC31	CWCL31	CWCT31	CWCX31	CWCXX31	CWCXXX31
32mm	CWC32	CWCL32	CWCT32	CWCX32	CWCXX32	CWCXXX32
33mm	CWC33	CWCL33	CWCT33	CWCX33	CWCXX33	CWCXXX33
34mm	CWC34	CWCL34	CWCT34	CWCX34	CWCXX34	CWCXXX34
35mm	CWC35	CWCL35	CWCT35	CWCX35	CWCXX35	CWCXXX35
36mm	CWC36	CWCL36	CWCT36	CWCX36	CWCXX36	CWCXXX36
37mm	CWC37	CWCL37	CWCT37	CWCX37	CWCXX37	CWCXXX37
38mm	CWC38	CWCL38	CWCT38	CWCX38	CWCXX38	CWCXXX38
39mm	CWC39	CWCL39	CWCT39	CWCX39	CWCXX39	CWCXXX39
40mm	CWC40	CWCL40	CWCT40	CWCX40	CWCXX40	CWCXXX40
41mm	CWC41	CWCL41	CWCT41	CWCX41	CWCXX41	CWCXXX41
42mm	CWC42	CWCL42	CWCT42	CWCX42	CWCXX42	CWCXXX42
43mm	CWC43	CWCL43	CWCT43	CWCX43	CWCXX43	CWCXXX43
44mm	CWC44	CWCL44	CWCT44	CWCX44	CWCXX44	CWCXXX44
45mm	CWC45	CWCL45	CWCT45	CWCX45	CWCXX45	CWCXXX45
46mm	CWC46	CWCL46	CWCT46	CWCX46	CWCXX46	CWCXXX46
47mm	CWC47	CWCL47	CWCT47	CWCX47	CWCXX47	CWCXXX47
48mm	CWC48	CWCL48	CWCT48	CWCX48	CWCXX48	CWCXXX48
49mm	CWC49	CWCL49	CWCT49	CWCX49	CWCXX49	CWCXXX49
50mm	CWC50	CWCL50	CWCT50	CWCX50	CWCXX50	CWCXXX50
51mm	CWC51	CWCL51	CWCT51	CWCX51	CWCXX51	
52mm	CWC52	CWCL52	CWCT52	CWCX52	CWCXX52	

*150mm & 200mm D.O.C Made to Order

Dia (mm)	35mm D.O.C	50mm D.O.C	75mm D.O.C	100mm D.O.C	150mm* D.O.C	200mm* D.O.C
53mm		CWCL53	CWCT53	CWCX53	CWCXX53	
54mm		CWCL54	CWCT54	CWCX54	CWCXX54	
55mm		CWCL55	CWCT55	CWCX55	CWCXX55	
56mm		CWCL56	CWCT56	CWCX56	CWCXX56	
57mm		CWCL57	CWCT57	CWCX57	CWCXX57	
58mm		CWCL58	CWCT58	CWCX58	CWCXX58	
59mm		CWCL59	CWCT59	CWCX59	CWCXX59	
60mm		CWCL60	CWCT60	CWCX60	CWCXX60	
61mm		CWCL61		CWCX61	CWCXX61	
62mm		CWCL62		CWCX62	CWCXX62	
63mm		CWCL63		CWCX63	CWCXX63	
64mm		CWCL64		CWCX64	CWCXX64	
65mm		CWCL65		CWCX65	CWCXX65	
66mm		CWCL66		CWCX66	CWCXX66	
67mm		CWCL67		CWCX67	CWCXX67	
68mm		CWCL68		CWCX68	CWCXX68	
69mm		CWCL69		CWCX69	CWCXX69	
70mm		CWCL70		CWCX70	CWCXX70	
71mm		CWCL71		CWCX71	CWCXX71	
72mm		CWCL72		CWCX72	CWCXX72	
73mm		CWCL73		CWCX73	CWCXX73	
74mm		CWCL74		CWCX74	CWCXX74	
75mm		CWCL75		CWCX75	CWCXX75	
76mm		CWCL76		CWCX76	CWCXX76	
77mm		CWCL77		CWCX77	CWCXX77	
78mm		CWCL78		CWCX78	CWCXX78	
79mm		CWCL79		CWCX79	CWCXX79	
80mm		CWCL80		CWCX80	CWCXX80	
81mm		CWCL81		CWCX81	CWCXX81	
82mm		CWCL82		CWCX82	CWCXX82	
83mm		CWCL83		CWCX83	CWCXX83	
84mm		CWCL84		CWCX84	CWCXX84	
85mm		CWCL85		CWCX85	CWCXX85	
86mm		CWCL86		CWCX86	CWCXX86	
87mm		CWCL87		CWCX87	CWCXX87	
88mm		CWCL88		CWCX88	CWCXX88	
89mm		CWCL89		CWCX89	CWCXX89	
90mm		CWCL90		CWCX90	CWCXX90	
91mm		CWCL91		CWCX91	CWCXX91	
92mm		CWCL92		CWCX92	CWCXX92	
93mm		CWCL93		CWCX93	CWCXX93	
94mm		CWCL94		CWCX94	CWCXX94	
95mm		CWCL95		CWCX95	CWCXX95	
96mm		CWCL96		CWCX96	CWCXX96	
97mm		CWCL97		CWCX97	CWCXX97	
98mm		CWCL98		CWCX98	CWCXX98	
99mm		CWCL99		CWCX99	CWCXX99	
100mm		CWCL100		CWCX100	CWCXX100	

*150mm & 200mm D.O.C Made to Order

RAPTOR^{CTX}

CERMET CARBIDE TCT

Raptor CTX Cermet Carbide Tipped Cutters for Hardox® & Inconel® applications.

SSAB



Available as individuals and in kits

RAPTOR^{CTX}

CERMET CARBIDE TCT



- Cermet Carbide Tips designed to drill the hardest materials.
- Custom brazing process to ensure secure Cermet Carbide Tips under high pressure.
- Specialist straight flute design to aid swarf evacuation and keep the cutting surface cool.

Suitable for Drilling:



- Raptor CTX specialist cermet carbide tips cutting 6X more holes than Raptor T Carbide cutters.
- Specialist flute geometry for cutting the hardest materials under significant heat.
- Ideal for use in plant, defence heavy haulage refurbishment and upgrades.
- SSAB tested and approved for drilling Hardox 500.
- Always use a pilot pin to enhance cutter life by 80%.

Diameter (mm)	25mm D.O.C
18mm	CTX18
19mm	CTX19
20mm	CTX20
21mm	CTX21
22mm	CTX22
23mm	CTX23
24mm	CTX24
25mm	CTX25
26mm	CTX26
27mm	CTX27
28mm	CTX28
29mm	CTX29
30mm	CTX30
31mm	CTX31
32mm	CTX32
33mm	CTX33
34mm	CTX34
35mm	CTX35
36mm	CTX36
37mm	CTX37
38mm	CTX38
39mm	CTX39
40mm	CTX40

Raptor CTX Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
SRA25	CTCT18 - CTCT40



ANNULAR Cutters

RAPTOR
RAILXR



Suitable for Drilling:



STANDARD
RAIL RACK

- *HSS Rail cutters ideal for use on Standard Rail Track applications.*
- *Raptor Rail geometry for use in Battery, Corded & Petrol Rail Drills.*
- *Custom flute design to aid swarf evacuation and rail drilling speeds.*
- *Available with alternative shank variants for use in Cembre™ / Trak-Star™ machines.*

Raptor Rail XR Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
SRA25	SRCV130 - SRCV360
SRA50	SRCVL130 - SRCVL360

Diameter (mm)	25mm D.O.C	50mm D.O.C
13mm	SRCV130	SRCVL130
14mm	SRCV140	SRCVL140
15mm	SRCV150	SRCVL150
16mm	SRCV160	SRCVL160
17mm	SRCV170	SRCVL170
18mm	SRCV180	SRCVL180
19mm	SRCV190	SRCVL190
20mm	SRCV200	SRCVL200
21mm	SRCV210	SRCVL210
22mm	SRCV220	SRCVL220
23mm	SRCV230	SRCVL230
24mm	SRCV240	SRCVL240
25mm	SRCV250	SRCVL250
26mm	SRCV260	SRCVL260
27mm	SRCV270	SRCVL270
28mm	SRCV280	SRCVL280
29mm	SRCV290	SRCVL290
30mm	SRCV300	SRCVL300
31mm	SRCV310	SRCVL310
32mm	SRCV320	SRCVL320
33mm	SRCV330	SRCVL330
34mm	SRCV340	SRCVL340
35mm	SRCV350	SRCVL350
36mm	SRCV360	SRCVL360

ANNULAR Cutters

RAPTOR
RAILTR



Suitable for Drilling:



STANDARD
RAIL RACK



HARDENED
RAIL RACK

- *TCT Rail Cutters designed for hardened rail.*
- *Designed to cut 3 X longer than HSS Rail Cutters, material dependant.*
- *Custom flute design to aid swarf evacuation and rail drilling speeds.*
- *Available with alternative shank variants for use in Cembre™ / Trak-Star™ machines.*

Raptor Rail XR Pilot Pin Size Guide:

Pilot Pin Code	Suitable Cutter Sizes
SRA25	SCRWC18 - SCRWC36
SRA50	SCRWCL18 - SCRWCL36*

*Available upon request

Diameter (mm)	25mm D.O.C	50mm D.O.C
18mm	SCRWC18	SCRWCL18
19mm	SCRWC19	SCRWCL19
20mm	SCRWC20	SCRWCL20
21mm	SCRWC21	SCRWCL21
22mm	SCRWC22	SCRWCL22
23mm	SCRWC23	SCRWCL23
24mm	SCRWC24	SCRWCL24
25mm	SCRWC25	SCRWCL25
26mm	SCRWC26	SCRWCL26
27mm	SCRWC27	SCRWCL27
28mm	SCRWC28	SCRWCL28
29mm	SCRWC29	SCRWCL29
30mm	SCRWC30	SCRWCL30
31mm	SCRWC31	SCRWCL31
32mm	SCRWC32	SCRWCL32
33mm	SCRWC33	SCRWCL33
34mm	SCRWC34	SCRWCL34
35mm	SCRWC35	SCRWCL35
36mm	SCRWC36	SCRWCL36

SITEH3RO™

SITEH3RO™

**Turn your Impact
Wrench into a
multipurpose metal
working machine.**

PATENT PENDING



SITEH3RO™



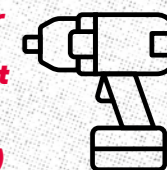
Connect Click **GO**

**Drill new, expand,
thread and align
holes for the major
diameters**

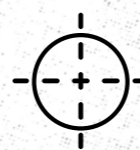
**SMOOTH,
EASY CUT**

75%
Longer life with
SITEH3RO™ coating

Suitable for
1/2" and
3/4" Impact
Wrenches
(holder
dependent)



**Make NEW
HOLES with
Step Drills
& Step
Reamers**



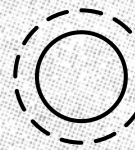
**ALIGN
HOLES
with Car
Reamers**



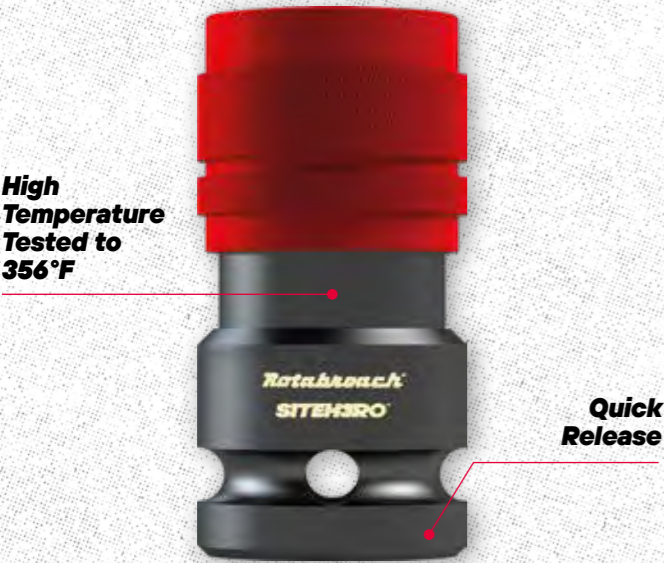
**THREAD
HOLES
with Taps**



**EXPAND
HOLES with
Step Drills
and Step &
Car Reamers**



SITEH3RO™ HOLDER



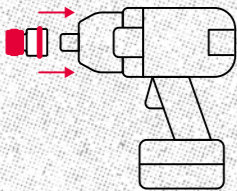
Suitable for 1/2" and 3/4" Impact Wrenches

SITEH3RO™ Holder Sizes:

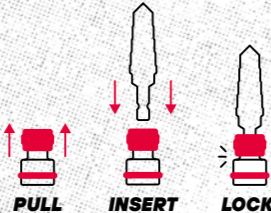
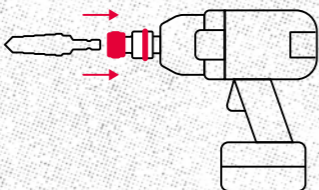
Part Number	Description	Size	Impact Wrench
RSH12	1/2" Square Holder	1/2"	1/2" Impact Wrench
RSH34	3/4" Square Holder	3/4"	3/4" Impact Wrench

Turn your Impact Wrench into a multipurpose metal working machine.

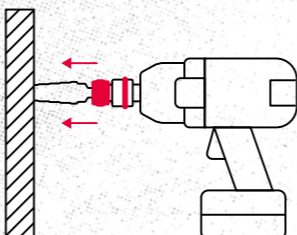
1. Connect
Connect the holder to the Impact Wrench



2. Click
Insert the tool



3. GO
Start DRILLING!



CAR REAMER



- Align, clean out and expand holes on site with your Impact Wrench and SITEH3RO™.
- High performance coating for up to 75% longer tool life.
- Available in 18 major diameter sizes.
- Suitable for use in standard 3-jaw drill chucks.
- Smooth, easy cut.

CAR REAMER Sizes:

Part Number	Diameter	Shank
CR08	8mm	7/16" Hex Impact Shank
CR10	10mm	
CR11	11mm	
CR12	12mm	
CR13	13mm	
CR14	14mm	
CR15	15mm	
CR16	16mm	
CR17	17mm	
CR18	18mm	
CR19	19mm	
CR20	20mm	
CR21	21mm	
CR22	22mm	
CR23	23mm	
CR24	24mm	
CR25	25mm	
CR26	26mm	

CAR REAMER Kits:

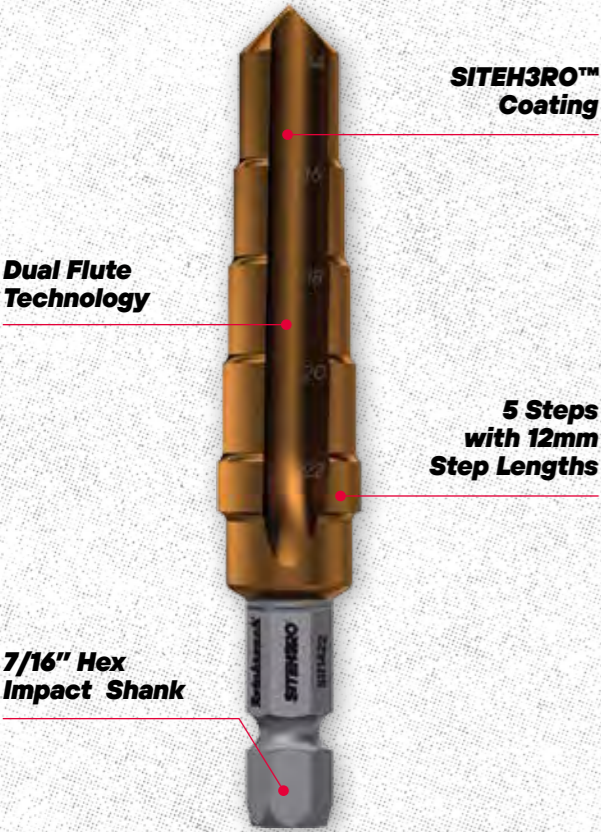
Part Number	Size Range	Kit Description
SHRCR1	14, 18, 22mm	3 Piece Kit
SHRCR2	12, 14, 18, 22 & 26mm	5 Piece Kit
SHRCR3	8, 10, 12, 14, 16, 18, 20, 22, 24, 26mm	10 Piece Kit

75%
Longer life with SITEH3RO™ coating

Suitable for 1/2" and 3/4" Impact Wrenches (holder dependent)



STEP REAMER



- Expand and clean out holes with your Impact Wrench.
- 3 tools allow you to expand and clean out holes across 15 sizes from 8mm to 28mm in up to 12mm thick material.
- Ideal for expanding holes and available in all major bolt sizes.
- High performance coating, providing up to 75% longer tool life.
- Suitable for use in standard 3-jaw drill chucks.

STEP REAMER Sizes:

Part Number	Diameter	Shank
SR816	8mm to 16mm	7/16" Hex Impact Shank
SR1422	14mm to 22mm	
SR2028	20mm to 28mm	

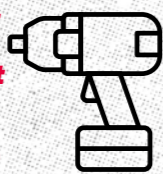
All STEP REAMERS include 5 steps with 12mm Step Lengths.

STEP REAMER Kit:

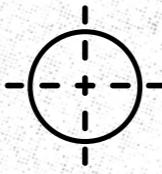
Part Number	Diameter	Shank
SHRSR1	8mm to 16mm 14mm to 22mm 20mm to 28mm	7/16" Hex Impact Shank

75%
Longer life with
SITEH3RO™ coating

Suitable for
1/2" and
3/4" Impact
Wrenches
(holder
dependent)



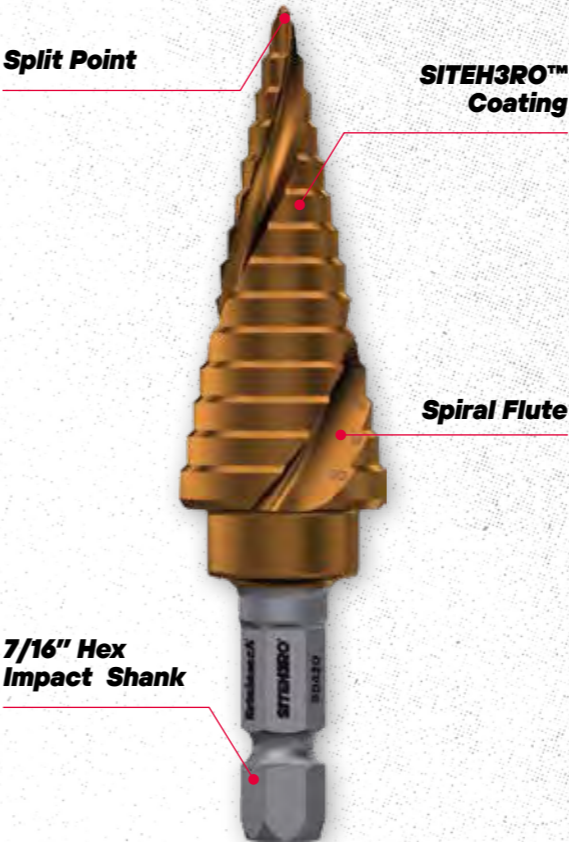
NEW
HOLES



EXPAND
HOLES



STEP DRILL



- Drill new holes and expand thin gauge material with an Impact Wrench and SITEH3RO™.
- Utilise in SITEH3RO™ holders for Impact Wrenches or any standard drill chuck.
- Holes from 4mm to 30mm in diameter, each step 5mm.
- High performance coating for up to 75% longer tool life.
- Suitable for use in standard 3-jaw drill chucks.

STEP DRILL Sizes:

Part Number	Diameter	Shank
SD412	4mm to 12mm	7/16" Hex Impact Shank
SD420	4mm to 20mm	
SD430	4mm to 30mm	

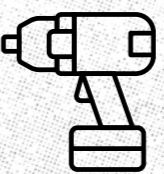
All STEP DRILLS include a spiral flute with 118° point.

STEP DRILL Kit:

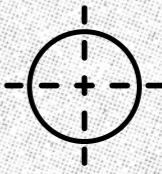
Part Number	Diameter	Shank
SHRSD1	4mm to 12mm 4mm to 20mm 4mm to 30mm	7/16" Hex Impact Shank

75%
Longer life with
SITEH3RO™ coating

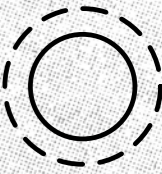
Suitable for
1/2" and
3/4" Impact
Wrenches
(holder
dependent)



NEW
HOLES



EXPAND
HOLES



TAPS

Spiral Point Machine Tap



SITEH3RO™ Coating

7/16\" Hex Impact Shank

- **Spiral Point Machine Tap : One Tap Solution.**
- **Suitable for use in standard 3-jaw drill chucks.**
- **Thread holes with your Impact Wrench – up to 20 X faster than hand tapping.**
- **High performance coating for up to 75% longer tool life.**
- **Thread holes from M5 to M30.**
- **Tap holes in material up to 25mm deep.**
- **Available in 8 major sizes.**

TAP Sizes:

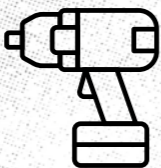
Part Number	Diameter	Shank
TPM5	M5 x 0.80	7/16" Hex Impact Shank
TPM6	M6 x 1.00	
TPM8	M8 x 1.25	
TPM10	M10 x 1.50	
TPM12	M12 x 1.75	
TPM14	M14 x 2.00	
TPM16	M16 x 2.00	
TPM18	M18 x 2.50	
TPM20	M20 x 2.50	
TPM24	M24 x 3.00	
TPM27	M27 x 3.00	
TPM30	M30 x 3.50	

TAP Kits:

Part Number	Diameter	Kit
SHRTP1	M6, M8, M10, M12, M16	5 Piece Kit
SHRTP2	M12, M16, M20, M24	4 Piece Kit
SHRTP3	M5, M6, M8, M10, M12, M14, M16, M18, M20, M24, M27, M30	12 Piece Kit

75%
Longer life with
SITEH3RO™ coating

Suitable for
1/2" and
3/4" Impact
Wrenches
(holder
dependent)



THREAD
HOLES



KITS



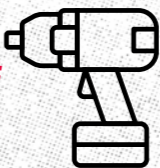
- **Align, Thread, Expand and Drill New Holes**
- **SITEH3RO™ kit solutions for all major applications**
- **Multiple kit sizes available per tool type**

SITEH3RO™ Ultimate Kit:

Part Number	Tool Type	Diameter	Qty
SHR1	Step Drills	4-12mm / 4-20mm / 4-30mm	3
	Step Reamers	8-16mm / 14-22mm / 20-28mm	3
	Taps	M6, M8, M10 & M12	4
	Car Reamers	14mm / 18mm & 22mm	3
	Holders	1/2" & 3/4"	2

75%
Longer life with
SITEH3RO™ coating

Suitable for
1/2" and
3/4" Impact
Wrenches
(holder
dependent)



NEW
HOLES



EXPAND
HOLES



THREAD
HOLES



ALIGN
HOLES



CAR REAMER Kits:

Part Number	Size Range	Kit Description
SHRCR1	14, 18, 22mm	3 Piece Kit
SHRCR2	12, 14, 18, 22 & 26mm	5 Piece Kit
SHRCR3	8, 10, 12, 14, 16, 18, 20, 22, 24, 26mm	10 Piece Kit

STEP REAMER Kit:

Part Number	Diameter	Shank
SHRSR1	8mm to 16mm 14mm to 22mm 20mm to 28mm	7/16" Hex Impact Shank

STEP DRILL Kit:

Part Number	Diameter	Shank
SHRSD1	4mm to 12mm 4mm to 20mm 4mm to 30mm	7/16" Hex Impact Shank

TAP Kits:

Part Number	Diameter	Kit
SHRTP1	M6, M8, M10, M12, M16	5 Piece Kit
SHRTP2	M12, M16, M20, M24	4 Piece Kit
SHRTP3	M5, M6, M8, M10, M12, M14, M16, M18, M20, M24, M27, M30	12 Piece Kit

POWER Tool Accessories -

Choosing the
RIGHT tool for
the RIGHT job.

POWER TOOL Accessory Selection Chart

The ROTABROACH™ range of POWER TOOL Accessories has expanded to help provide you with the power to cut metal in even more applications. Use this guide to identify what the correct tool for your application is for the material type, thickness, and power tool you are using, whatever the application.

Align New Expand Thread Countersink

Product	Max Dia.	Application					Material Thickness						Material Type			Shank		
		Align	New	Expand	Thread	C'SINK	2mm	5mm	12mm	15mm	25mm	50mm	Plastics	Steel <900N	Stainless Steel	3 Flats	1/4" Impact Shank	Hex shank

CONE DRILLS : CONECUT™

CONECUT™	40mm																	
----------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

STEP DRILLS : MULTICUT™

MULTICUT X™	36mm																	
MULTICUT X SPIRAL™	36mm																	
MULTICUT X +™	30mm																	

MINI CUTTERS : STORM™

STORM™ CUTTERS	25mm																	
----------------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

HOLESAWS

TCT HOLESAWS	100mm																	
--------------	-------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--


HSS FABRICATION TOOLING

COUNTERSINKS	31mm																	
THREADING	M24																	
HEXI-BIT	30mm																	


* Where indicated please refer to the individual product page for further detail on the depth of cut.

CONE DRILLS


- Ideal for HVAC, Electrical and Plumbing Installations.
- Designed for material up to 2mm thick, for the best finish.
- Maximum flexibility on hole expansion in thin materials.
- Non slip points for easier starts.
- Available with 3 flat shanks or 1/4" impact ready shanks.
- Available as Singles or Sets.




1/4" SHANK




3 FLAT SHANK




Surface TREATED



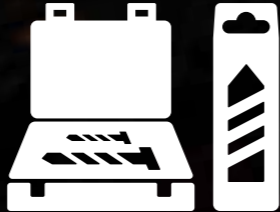
IMPACT Driver Ready



COMBI Ready



50% LONGER Life



Available as
individuals
and in kits

CONECUT™



Align
Holes



New
Holes



Expand
Holes

Straight
Line Flute

M2 HSS High
Speed Steel

3 Flat & 1/4" Impact
Shanks available



- Made from High Grade M2 High Speed Steel.
- Non-Slip Point for easier starts and better concentricity.
- Treated with Bluemax surface treatment to maximise tool life.

Traditional 3 Flat Shank:

Product Code	Size Range	Shank Size	Shank Type
O2X0R	3-14mm	6mm	3 Flat Shank
O2X1R	6-20mm	10mm	
O2X25R	16-25mm	10mm	
O2X20/25R	20-25mm	10mm	
O2X830R	8-30mm	10mm	
O2X2R	16-30.5mm	10mm	
O2X3R	25-40mm	10mm	

1/4" Impact Shank: Ideal for use in Impact Drivers


Product Code	Size Range	Shank Type
O2X0HTIR	3-14mm	1/4" Impact Shank
O2X1HTIR	6-20mm	
O2X2HTIR	16-30.5mm	

CONECUT™ Kits:


Product Code	Size Range	Shank Type
O2XKIT1R	3-14mm 6-20mm 16-30.5mm	3 Flat Shank
O2XKIT2R	3-14mm 6-20mm 16-30.5mm	1/4" Impact Shank

Suitable for Drilling:







Surface TREATED




COMBI Ready




50% LONGER LIFE with M2 High Speed STEEL



M2 HSS High Speed STEEL




MAX Depth 2mm




3 FLAT SHANK and 1/4" IMPACT SHANK available

STEP DRILLS


- Designed for HVAC, Electrical and sheet metal work.
- All major diameters, Conduit and Tapping with clearance sizes available.
- Straight, Spiral and Coated solutions for multiple material applications.
- Suitable for standard 3 flat drill chucks and 1/4" impact drivers.
- Split point technology for faster starts and secure drilling.




Straight and Spiral Flute Options




SPLIT POINT




BLUE MAX
Surface TREATED



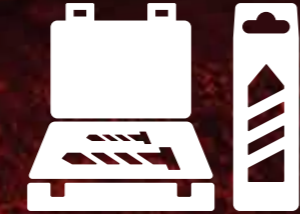
MULTIPLE Shank Options



PLUSCUT Flute

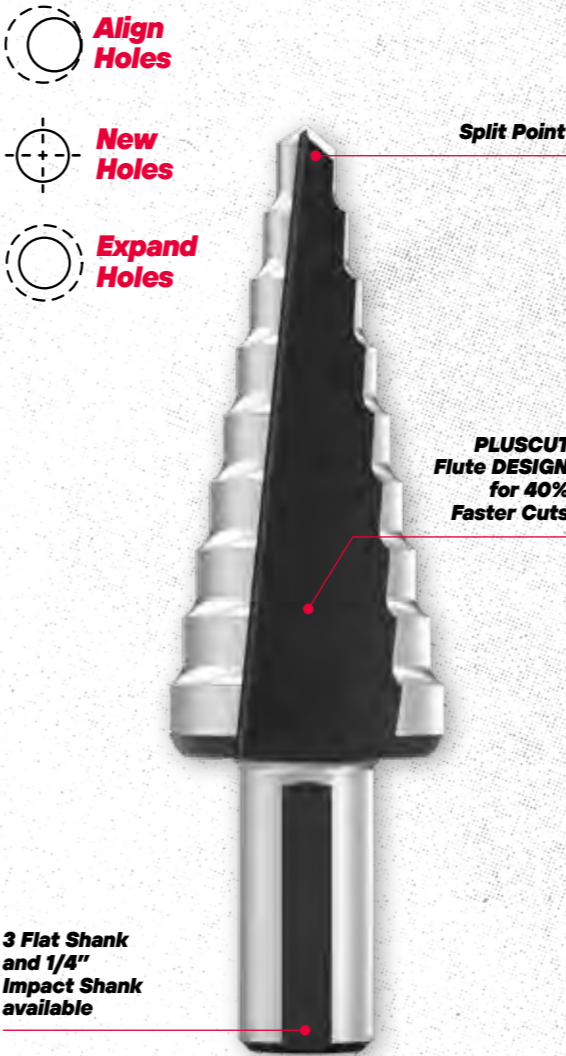


X+ COATED TOOLS



Available as individuals and in kits

MULTICUT[™]X



- Multicut[™] custom dual flute design for cleaner faster cuts.
- Made from HSS M2 material for longer life.
- Nonslip shanks for both 3 Flat & 1/4" Impact Shanks.
- Available in all major diameter sizes across applications.
- Bluemax surface treated flutes for lower cutting temperatures.

Traditional 3 Flat Shank:

Product Code	Size Range	Steps	Shank Size	D.O.C
06XRPX1MR	4-12mm	9	6mm	5mm
06XRPX7MR	4-20mm	9	10mm	4mm
06XRPX10MR	4-30mm	14	10mm	4mm
06XRPX36MR	6-36mm	11	10mm	5mm

Electrical Sizes:

Product Code	Size Range	Steps	Shank Size	D.O.C
06XRPX535MR	5-35mm	13	13mm	3.5mm
06XRPX1625MR	16, 20, 25mm Major Diameters	9	10mm	5mm
06XRPX1632MR	16,20,25, 32mm Major Diameters	10	13mm	5mm
06XCT1225MR	Tap & Clearance M12, M16, M20, M25	10	7mm (Tap) 4mm (Clear)	10mm

1/4" Impact Shank:

Product Code	Size Range	Steps	Shank Size	D.O.C
06XRPX1MIMPR	4-12mm	9	1/4"	5mm
06XRPX7MIMPR	4-20mm	9	1/4"	4mm
06XRPX10MIMPR	4-30mm	14	1/4"	4mm

MULTICUT X[™] Kits:

Product Code	Size Range	Shank Type
SDKITR1	4-12mm 4-20mm 4-30mm	3 Flat Shank
SDKIT2ELECTICALR	12-25mm 16-25mm 16-32mm	3 Flat Shank
SDKITR3	4-12mm 4-20mm 4-30mm	1/4" Impact Shank

Suitable for Drilling:



STEEL




ALUMINIUM




COPPER/BRASS




PLASTIC




SPLIT POINT




COMBI and IMPACT Driver Ready




MAX Depth 7mm



PLUSCUT Flute

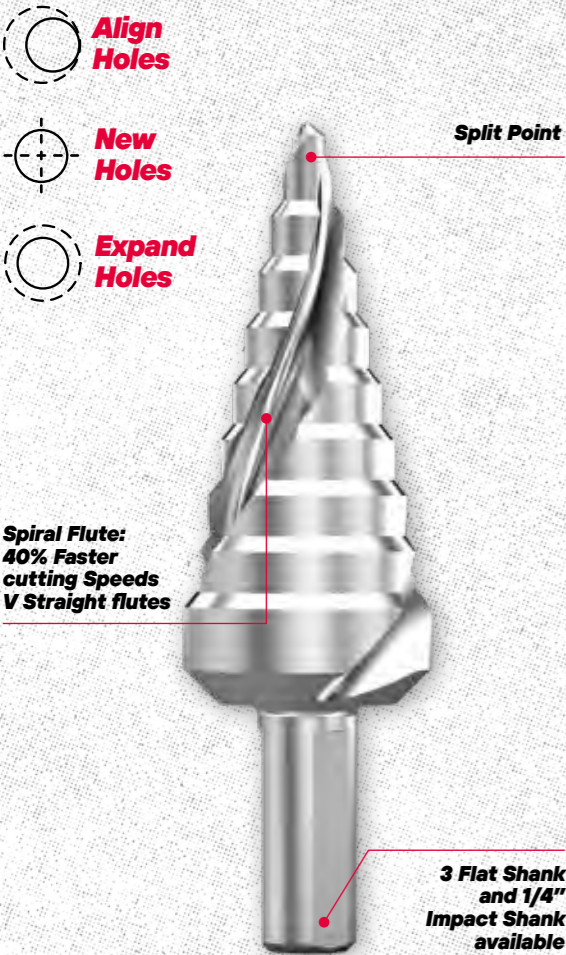


BLUE MAX
Surface TREATED



3 FLAT SHANK and 1/4" IMPACT SHANK available

MULTICUT X SPIRAL



- Spiral Flute design for 40% faster cutting speeds.
- Multicut™ flute design for optimum tool performance.
- Minimal vibration and reduced torque requirements.
- Extend battery tool life with easier cutting spiral action.

Traditional 3 Flat Shank:

Product Code	Size Range	Steps	Shank Size	D.O.C
06SR412MR	4-12mm	9	6mm	6mm
06SR420MR	4-20mm	9	8mm	4.5mm
06SR430MR	4-30mm	14	10mm	4mm
06SR636MR	6-36mm	11	10mm	5mm

Electrical Sizes:

Product Code	Size Range	Steps	Shank Size	D.O.C
06SR535MR	5-35mm	9	13mm	3.5mm
06SR1632MR	16, 20, 25, 32mm Major Diameters	9	13mm	5mm

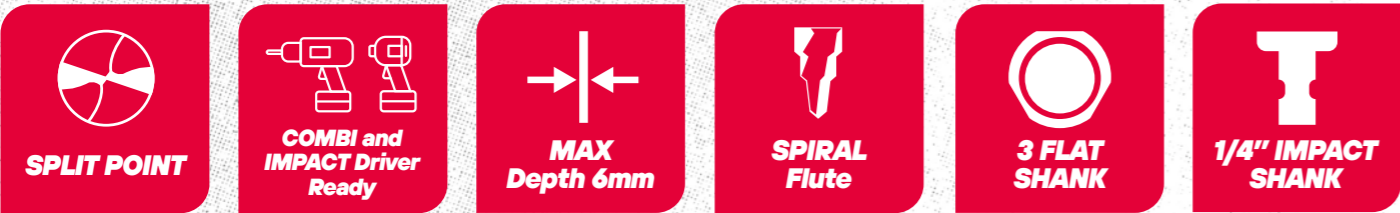
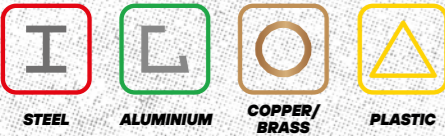
1/4" Impact Sizes:

Product Code	Size Range	Steps	Depth of Cut
06SR412IMPMPR	4-12mm	9	5mm
06SR420IMPMPR	4-20mm	9	4mm
06SR430IMPMPR	4-30mm	14	4mm

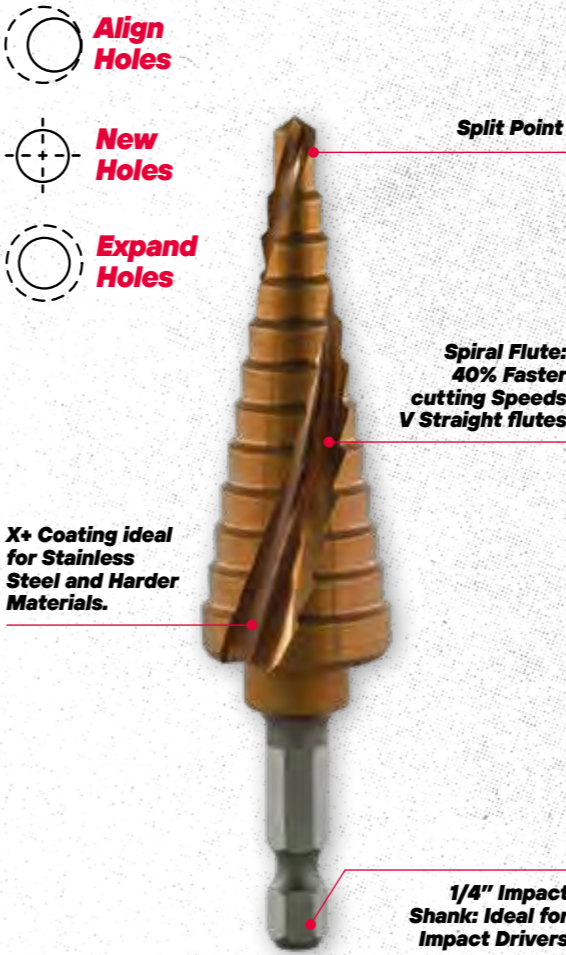
MULTICUT X SPIRAL™ Kits:

Product Code	Size Range	Shank Type
SDKITR4	4-12mm 4-20mm 4-30mm	3 Flat Shank
SDKITR5	4-12mm 4-20mm 4-30mm	1/4" Impact Shank

Suitable for Drilling:



MULTICUT X+



- X+ coating for 75% longer tool life.
- Ideal for use on Stainless Steel and harder materials.
- Reduced heat at the cutting edge, prolonging tool life.
- Exclusive coating for industry leading performance.

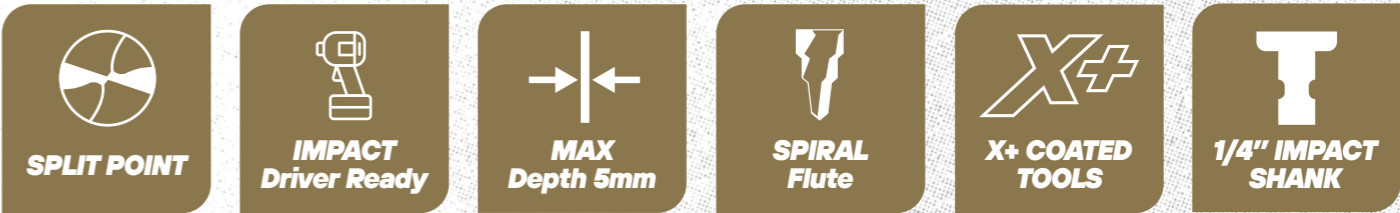
1/4" Impact Shank:

Product Code	Size Range	Steps	Depth of Cut
06SR412IMPMPRXP	4-12mm	9	5mm
06SR420IMPMPRXP	4-20mm	9	4mm
06SR430IMPMPRXP	4-30mm	14	4mm

MULTICUT X+™ Kits:

Product Code	Size Range	Shank Type
SDKITR6	4-12mm 4-20mm 4-30mm	1/4" Impact Shank


Suitable for Drilling:



MINI CUTTERS & TCT HOLESAWS

- Mini Cutters & TCT Holesaws are designed for speed & life improvements.
- Cut 3 X Faster than Twist Drills with Mini Cutters.
- Clean Burr Free holes every time.
- TCT Holesaws are designed for making easy work of stainless steel.
- Low power consumption cutting tools, ideal for site.

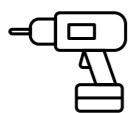
TCT


3 FLAT SHANK

HSS

3X

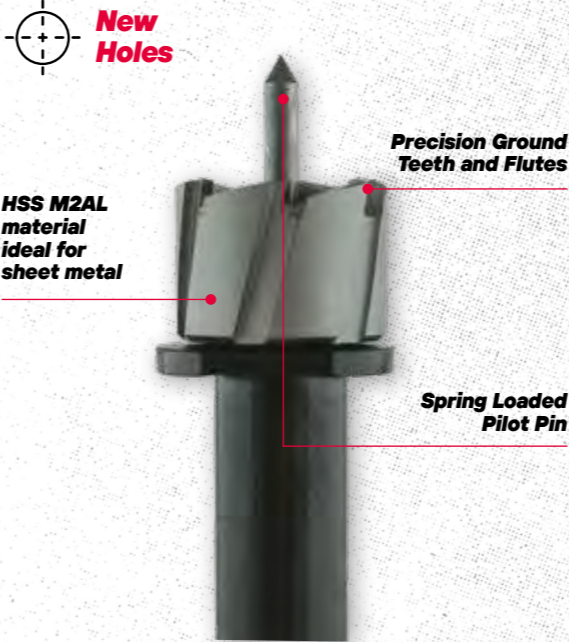
FASTER TO CUT V TWIST DRILLS


COMBI Ready

10X

LIFE OF BI-METAL HOLESAWS

MINI CUTTERS: STORM™



Suitable for Drilling:


RANGE OF STEEL


COPPER/BRASS


ALUMINIUM


PLASTIC

MINI CUTTER Kits:

Kit Code	Product Description	Shank Type
RK603	Mini Cutter Kit including Arbor & Pin, 8, 10, 12, 14, 16, 18, 20mm	1/2" Arbor Kit
RK604	Mini Cutter Kit including Arbor & Pin, 8, 10, 12, 14, 16, 18, 20mm	3/8" Arbor Kit

- Drill Clean Burr Free Holes, ideal for Sheet Metal.
- Ideal for Aerospace and Vehicle maintenance.
- Low battery power consumption.
- Cutting depths from 6.4mm up to 20mm / 12.7mm +20mm diameter.
- Size range from 6mm to 25mm.

Dia (mm)	Part Number	D.O.C (mm)	Arbor Required
6mm	RCM060	6.4mm	RA116/ RA117
7mm	RCM070	6.4mm	RA116/ RA117
8mm	RCM080	6.4mm	RA116/ RA117
9mm	RCM090	6.4mm	RA116/ RA117
10mm	RCM100	6.4mm	RA116/ RA117
11mm	RCM110	6.4mm	RA116/ RA117
12mm	RCM120	6.4mm	RA116/ RA117
13mm	RCM130	6.4mm	RA116/ RA117
14mm	RCM140	6.4mm	RA116/ RA117
15mm	RCM150	6.4mm	RA116/ RA117
16mm	RCM160	6.4mm	RA116/ RA117
17mm	RCM170	6.4mm	RA116/ RA117
18mm	RCM180	6.4mm	RA116/ RA117
19mm	RCM190	6.4mm	RA116/ RA117
20mm	RCM200	6.4mm	RA116/ RA117
21mm	RCM210	12.7mm	RA118
22mm	RCM220	12.7mm	RA118
23mm	RCM230	12.7mm	RA118
24mm	RCM240	12.7mm	RA118
25mm	RCM250	12.7mm	RA118

3X

FASTER TO CUT V TWIST DRILLS


COMBI Ready


3 FLAT SHANK

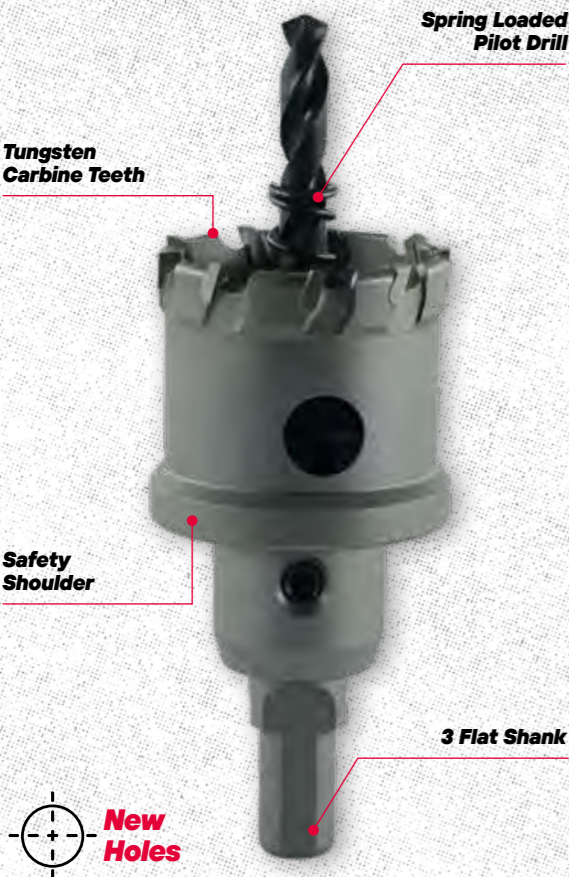
HSS

High Speed STEEL


6mm to 25mm Diameter


6.4 to 20mm Depth

TCT HOLESAWS



TCT HOLESAW Kit:

Kit Code	Size Range	Shank Type
RHSKIT1	14,16,18,20 & 22mm	3 Flat Shank

Spare Drills and Springs:

SKU	Description
RD40095	Drill
RD40094	Spring

Dia (mm)	25mm D.O.C	50mm D.O.C	Dia (mm)	25mm D.O.C	50mm D.O.C
14mm	RHS1425		61mm	RHS6125	RHS6150
15mm	RHS1525		62mm	RHS6225	RHS6250
16mm	RHS1625		63mm	RHS6325	RHS6350
17mm	RHS1725		64mm	RHS6425	RHS6450
18mm	RHS1825		65mm	RHS6525	RHS6550
19mm	RHS1925	RHS1950	66mm	RHS6625	
20mm	RHS2025	RHS2050	67mm	RHS6725	
21mm	RHS2125	RHS2150	68mm	RHS6825	
22mm	RHS2225	RHS2250	69mm	RHS6925	
23mm	RHS2325	RHS2350	70mm	RHS7025	
24mm	RHS2425	RHS2450	71mm	RHS7125	
25mm	RHS2525	RHS2550	72mm	RHS7225	RHS7250
26mm	RHS2625	RHS2650	73mm	RHS7325	RHS7350
27mm	RHS2725	RHS2750	74mm	RHS7425	
28mm	RHS2825	RHS2850	75mm	RHS7525	
29mm	RHS2925	RHS2950	76mm	RHS7625	
30mm	RHS3025	RHS3050	77mm	RHS7725	
31mm	RHS3125	RHS3150	78mm	RHS7825	
32mm	RHS3225	RHS3250	79mm	RHS7925	
33mm	RHS3325	RHS3350	80mm	RHS8025	
34mm	RHS3425	RHS3450	81mm	RHS8125	
35mm	RHS3525	RHS3550	82mm	RHS8225	
36mm	RHS3625	RHS3650	83mm	RHS8325	
37mm	RHS3725	RHS3750	84mm	RHS8425	
38mm	RHS3825	RHS3850	85mm	RHS8525	
39mm	RHS3925	RHS3950	86mm	RHS8625	
40mm	RHS4025	RHS4050	87mm	RHS8725	
41mm	RHS4125	RHS4150	88mm	RHS8825	
42mm	RHS4225	RHS4250	89mm	RHS8925	
43mm	RHS4325	RHS4350	90mm	RHS9025	RHS9050
44mm	RHS4425	RHS4450	91mm	RHS9125	
45mm	RHS4525	RHS4550	92mm	RHS9225	
46mm	RHS4625	RHS4650	93mm	RHS9325	
47mm	RHS4725	RHS4750	94mm	RHS9425	
48mm	RHS4825	RHS4850	95mm	RHS9525	RHS9550
49mm	RHS4925	RHS4950	96mm	RHS9625	
50mm	RHS5025	RHS5050	97mm	RHS9725	
51mm	RHS5125	RHS5150	98mm	RHS9825	
52mm	RHS5225	RHS5250	99mm	RHS9925	
53mm	RHS5325	RHS5350	100mm	RHS10025	RHS10050
54mm	RHS5425	RHS5450	101mm	RHS10125	
55mm	RHS5525	RHS5550	102mm	RHS10225	
56mm	RHS5625	RHS5650	103mm	RHS10325	
57mm	RHS5725	RHS5750	104mm	RHS10425	
58mm	RHS5825	RHS5850	105mm	RHS10525	
59mm	RHS5925	RHS5950	106mm	RHS10625	
60mm	RHS6025	RHS6050			

Spring LOADED

COMBI Ready

SAFETY Shoulder

MAX Dia 106mm

MAX Depth 50mm

3 FLAT SHANK



Suitable for Drilling:

STEEL

ALUMINIUM

COPPER/BRASS

PLASTIC

STAINLESS STEEL

- Ideal for Stainless Steel and Thicker gauge material in steel girders up to 25mm thick.
- 10 X Longer Life & 3 X Faster Cutting Speeds than Bi-metal Holesaws.
- Spring loaded and supplied with arbor and drill bit as standard.
- Safety collar for user safety and tool protection.
- Size range from 14mm to 106mm (25mm & 50mm Depth of Cut Options).



Available as individuals and in kits

HSS FABRICATION TOOLING

- Essential tooling for Fabrication applications.
- HSS Countersinks available in 3 Flute & 5 Flute versions.
- HSS Hand and Machine Taps for Metric ISO applications.
- Hexibit™ tooling platform for metal and wood working.



HSS

Available as
individuals
and in kits

High Speed
STEEL

COUNTERSINKS

3 Flute design
Self Centering

MS HSS Material:
Ideal for Metal

Standard
Shank Design



Countersink

Suitable for Drilling:



RANGE OF
STEEL



COPPER/
BRASS



ALUMINIUM



PLASTIC

5 Flute design
Self Centering

MS HSS Material:
Ideal for Metal

Standard
Shank Design



COUNTERSINKS 3 Flute:

Product Code	Nominal Diameter (mm)	Shank Size (mm)	Angle	Material Type
26BR6	6.3mm	5mm	90°	HSS M2
26BR8	8.3mm	6mm	90°	HSS M2
26BR10	10.4mm	6mm	90°	HSS M2
26BR12	12.4mm	8mm	90°	HSS M2
26BR16	16.5mm	10mm	90°	HSS M2
26BR20	20.5mm	10mm	90°	HSS M2
26BR25	25mm	10mm	90°	HSS M2
26BR28	28mm	12mm	90°	HSS M2
26BR31	31mm	12mm	90°	HSS M2

COUNTERSINK 3 Flute Set:

Kit Code	Size Range	Product Description
26BSR1	6.3, 8.3, 10.4, 12.4, 16.5, 20.5mm	6 Piece 3 Flute 90° Countersink Set

COUNTERSINKS 5 Flute:

Product Code	Nominal Diameter (mm)	Shank Size (mm)	Angle	Material Type
26AR8	8mm	5mm	90°	HSS M2
26AR12	12mm	6.35mm	90°	HSS M2
26AR16	16mm	8mm	90°	HSS M2
26AR20	20mm	10mm	90°	HSS M2
26BR16	16.5mm	10mm	90°	HSS M2

COUNTERSINK 5 Flute Kit:

Kit Code	Size Range	Product Description
26KR1	8, 12, 16, 20mm	4 Piece 3 Flute 90° Countersink Set

- HSS M2 Countersinks.
- Available as 3 Flute & 5 Flute.
- All major countersinking sizes.
- Available as singles and sets.

HSS

High Speed
STEEL



Available
In Kits



3 FLAT
SHANK

HEXIBIT™

- Quick change Hex Shank system for drilling, expanding, deburring, and countersinking.
- Core size diameters ideal for Metal & Wood working applications.
- Compact length tools, ideal for working in small spaces.
- Available as singles and multi-tool sets.



HEXIBIT™ Range:

Product Type	Product Code	Product Description	Diameter Range (mm)	Material Thickness
Cone Drill	15TR314	Hexibit™ 3-14mm Cone Drill	3-14mm	2mm
	15TR620	Hexibit™ 6-20mm Cone Drill	6-20mm	2mm
Twist Drills	15TDR2.5	Hexibit™ 2.5mm Twist Drill	2.5mm / M3 Thread	14mm
	15TDR3.3	Hexibit™ 3.3mm Twist Drill	3.3mm / M4 Thread	18mm
	15TDR4	Hexibit™ 4mm Twist Drill	4mm	18mm
	15TDR4.2	Hexibit™ 4.2mm Twist Drill	4.2mm / M5 Thread	20mm
	15TDR5	Hexibit™ 5mm Twist Drill	5mm / M6 Thread	26mm
	15TDR7	Hexibit™ 7mm Twist Drill	7mm	30mm
	15TDR8.5	Hexibit™ 8.5mm Twist Drill	8.5mm / M10 Thread	33mm
	15TDR9.5	Hexibit™ 9.5mm Twist Drill	9.5mm	38mm
Step Drills	15SR412	Hexibit™ 4-12mm Step Drill	4,6,8,10,12mm	5mm
	15S1412	Hexibit™ 4-12mm Step Drill	4,5,6,7,8,9,10,11,12mm	5mm
	15SR513	Hexibit™ 5-13mm Step Drill	5,7,9,11,13mm	5mm
	15SR820	Hexibit™ 8-20mm Step Drill	8,10,12,14,16,18,20mm	5mm
	15SR11020	Hexibit™ 10-20mm Step Drill	10,11,12,13,15,16,17,18,19,20mm	5mm
Metal Countersinks	15MR6	Hexibit™ 6mm 3 Flute 90° Countersink	6.3mm Head Diameter / M3 Screw Size	
	15MR8	Hexibit™ 8mm 3 Flute 90° Countersink	8.3mm Head Diameter / M4 Screw Size	
	15MR10	Hexibit™ 10mm 3 Flute 90° Countersink	10.4mm Head Diameter / M5 Screw Size	
	15MR12	Hexibit™ 12mm 3 Flute 90° Countersink	12.4mm Head Diameter / M6 Screw Size	
	15MR16	Hexibit™ 16mm 3 Flute 90° Countersink	16.5mm Head Diameter / M8 Screw Size	
	15MR20	Hexibit™ 20mm 3 Flute 90° Countersink	20.5mm Head Diameter / M10 Screw Size	
	15MR25	Hexibit™ 25mm 3 Flute 90° Countersink	25mm Head Diameter / M12 Screw Size	
	15W10	Hexibit™ 10mm 5 Flute 90° Countersink	For Wood Screws : Upto & Including No10	
Wood Countersinks	15W15	Hexibit™ 15mm 5 Flute 90° Countersink	For Wood Screws : Upto & Including No16	
	15W20	Hexibit™ 20mm 5 Flute 90° Countersink	For Wood Screws : Upto & Including No20	
Deburrers	15DR208	Hexibit™ 2-8mm 90° Deburring cutter	Min & Max Cut : 2mm – 8mm	
	15DR513	Hexibit™ 5-13mm 90° Deburring cutter	Min & Max Cut : 5mm – 13mm	
	15DR720	Hexibit™ 7-20mm 90° Deburring cutter	Min & Max Cut : 7mm – 20mm	

Suitable for Drilling:



HEXIBIT™ Kits:

Kit Code	Size Range	Shank Type
15KR1	Metal Countersinks: 6,8,10,12,16,20mm	Hexibit™ Metal 6 Piece Countersink Set
15KR2	Metal Countersinks: 12,16 & 20mm Wood Countersinks: 10 & 15mm Deburring Cutter: 5-13mm	Hexibit™ Metal and Wood 6 Piece Countersink Deburring Set
15KR3	Metal Countersink: 16mm Wood Countersink: 15mm Deburring Cutter: 5-13mm Step Drills: 5-13mm & 8-20mm Cone Drill: 3-14mm	Hexibit™ Metal, Wood Countersinking, Step Drill, Deburring & Cone Drill 6 Piece Kit
15KR4	Metal Countersink: 12 & 16mm Deburring Cutter: 5-13mm Step Drills: 5-13mm & 8-20mm Cone Drill: 3-14mm	Hexibit™ Metal Countersinking, Deburring, Step & Cone Drill Kit 6 Piece Kit.
15KR5	Metal Countersink: 16mm Wood Countersink: 15mm Step Drills: 4-12mm, 5-13mm & 8-20mm Cone Drill: 3-14mm	Hexibit™ Metal & Wood Countersinks with Step & Cone Drills 6 Piece Kit
15KR6	Metal Countersink: 12mm, 16mm Step Drills: 4-12mm, 5-13mm & 8-20mm Cone Drill: 3-14mm	Hexibit™ Step and Cone Drill Kit with Metal Countersinks 6 Piece Kit



THREADING



- **HSS Hand & Machine Taps from M2 material.**
- **Original design since 1954 for the best results.**
- **Blue Max surface treated for longer life.**
- **ISO Metric thread sizes only.**
- **Available as individuals & sets.**

Available
In Kits

Surface
TREATED

High Speed
STEEL

Suitable for:

RANGE OF
STEEL

COPPER/
BRASS

ALUMINIUM

PLASTIC

Thread

METRIC COARSE Hand Taps:

Product Code	Product Description	Thread Size	Standard	Type
08X3MRP	M3 X 0.50 Plug Hand Tap	M3 x 0.50	ISO	Plug
08X3MRS	M3 X 0.50 Second Hand Tap	M3 x 0.50	ISO	Second
08X3MRT	M3 X 0.50 Taper Hand Tap	M3 x 0.50	ISO	Taper
08X3MR-3	M3 X 0.50 Hand Tap Set of 3	M3 x 0.50	ISO	Set (Plug, Second & Taper)
08X4MRP	M4 X 0.70 Plug Hand Tap	M4 x 0.70	ISO	Plug
08X4MRS	M4 X 0.70 Second Hand Tap	M4 x 0.70	ISO	Second
08X4MRT	M4 X 0.70 Taper Hand Tap	M4 x 0.70	ISO	Taper
08X4MR-3	M4 X 0.70 Hand Tap Set of 3	M4 x 0.70	ISO	Set (Plug, Second & Taper)
08X5MRP	M5 X 0.80 Plug Hand Tap	M5 X 0.80	ISO	Plug
08X5MRS	M5 X 0.80 Second Hand Tap	M5 X 0.80	ISO	Second
08X5MRT	M5 X 0.80 Taper Hand Tap	M5 X 0.80	ISO	Taper
08X5MR-3	M5 X 0.80 Hand Tap Set of 3	M5 X 0.80	ISO	Set (Plug, Second & Taper)
08X6MRP	M6 X 1.0 Plug Hand Tap	M6 X 1.0	ISO	Plug
08X6MRS	M6 X 1.0 Second Hand Tap	M6 X 1.0	ISO	Second
08X6MRT	M6 X 1.0 Taper Hand Tap	M6 X 1.0	ISO	Taper
08X6MR-3	M6 X 1.0 Hand Tap Set of 3	M6 X 1.0	ISO	Set (Plug, Second & Taper)
08X8MRP	M8 X 1.25 Plug Hand Tap	M8 X 1.25	ISO	Plug
08X8MRS	M8 X 1.25 Second Hand Tap	M8 X 1.25	ISO	Second
08X8MRT	M8 X 1.25 Taper Hand Tap	M8 X 1.25	ISO	Taper
08X8MR-3	M8 X 1.25 Hand Tap Set of 3	M8 X 1.25	ISO	Set (Plug, Second & Taper)
08X10MRP	M10 X 1.5 Plug Hand Tap	M10 X 1.5	ISO	Plug
08X10MRS	M10 X 1.5 Second Hand Tap	M10 X 1.5	ISO	Second
08X10MRT	M10 X 1.5 Taper Hand Tap	M10 X 1.5	ISO	Taper
08X10MR-3	M10 X 1.5 Hand Tap Set of 3	M10 X 1.5	ISO	Set (Plug, Second & Taper)

METRIC COARSE Hand Taps (Continued):

Product Code	Product Description	Thread Size	Standard	Type
08X12MRP	M12 X 1.75 Plug Hand Tap	M12 X 1.75	ISO	Plug
08X12MRS	M12X 1.75 Second Hand Tap	M12 X 1.75	ISO	Second
08X12MRT	M12 X 1.75 Taper Hand Tap	M12 X 1.75	ISO	Taper
08X12MR-3	M12 X 1.75 Hand Tap Set of 3	M12 X 1.75	ISO	Set (Plug, Second & Taper)
08X14MRP	M14 X 2.00 Plug Hand Tap	M14 X 2.00	ISO	Plug
08X14MRS	M14 X 2.00 Second Hand Tap	M14 X 2.00	ISO	Second
08X14MRT	M14 X 2.00 Taper Hand Tap	M14 X 2.00	ISO	Taper
08X14MR-3	M14 X 2.00 Hand Tap Set of 3	M14 X 2.00	ISO	Set (Plug, Second & Taper)
08X16MRP	M16 X 2.00 Plug Hand Tap	M16 X 2.00	ISO	Plug
08X16MRS	M16 X 2.00 Second Hand Tap	M16 X 2.00	ISO	Second
08X16MRT	M16 X 2.00 Taper Hand Tap	M16 X 2.00	ISO	Taper
08X16MR-3	M16 X 2.00 Hand Tap Set of 3	M16 X 2.00	ISO	Set (Plug, Second & Taper)
08X18MRP	M18 X 2.50 Plug Hand Tap	M18 X 2.50	ISO	Plug
08X18MRS	M18 X 2.50 Second Hand Tap	M18 X 2.50	ISO	Second
08X18MRT	M18 X 2.50 Taper Hand Tap	M18 X 2.50	ISO	Taper
08X18MR-3	M18 X 2.50 Hand Tap Set of 3	M18 X 2.50	ISO	Set (Plug, Second & Taper)
08X20MRP	M20 X 2.50 Plug Hand Tap	M20 X 2.50	ISO	Plug
08X20MRS	M20 X 2.50 Second Hand Tap	M20 X 2.50	ISO	Second
08X20MRT	M20 X 2.50 Taper Hand Tap	M20 X 2.50	ISO	Taper
08X20MR-3	M20 X 2.50 Hand Tap Set of 3	M20 X 2.50	ISO	Set (Plug, Second & Taper)
08X24MRP	M24 X 3.00 Plug Hand Tap	M24 X 3.00	ISO	Plug
08X24MRS	M24 X 3.00 Second Hand Tap	M24 X 3.00	ISO	Second
08X24MRT	M24 X 3.00 Taper Hand Tap	M24 X 3.00	ISO	Taper
08X24MR-3	M24 X 3.00 Hand Tap Set of 3	M24 X 3.00	ISO	Set (Plug, Second & Taper)

METRIC SPIRAL FLUTE Machine Taps:

Product Code	Product Description	Thread Size	Standard	Type
08B3MR	M3 X 0.50 Spiral Flute Machine Tap	M3 X 0.50	ISO	Single
08B4MR	M4 X 0.70 Spiral Flute Machine Tap	M4 X 0.70	ISO	Single
08B5MR	M5 X 0.80 Spiral Flute Machine Tap	M5 X 0.80	ISO	Single
08B6MR	M6 X 1.00 Spiral Flute Machine Tap	M6 X 1.00	ISO	Single
08B8MR	M8 X 1.25 Spiral Flute Machine Tap	M8 X 1.25	ISO	Single
08B10MR	M10 X 1.50 Spiral Flute Machine Tap	M10 X 1.50	ISO	Single
08B12MR	M12 X 1.75 Spiral Flute Machine Tap	M12 X 1.75	ISO	Single

Manufactured from HSS M2 Material, Spiral Flute machine taps are designed for threading blind holes, effectively preventing chips from remaining in the holes.

METRIC SPIRAL POINT Machine Taps:

Product Code	Product Description	Thread Size	Standard	Type
08A3MR	M3 X 0.50 Spiral Point Machine Tap	M3 X 0.50	ISO	Single
08A4MR	M4 X 0.70 Spiral Point Machine Tap	M4 X 0.70	ISO	Single
08A5MR	M5 X 0.80 Spiral Point Machine Tap	M5 X 0.80	ISO	Single
08A6MR	M6 X 1.00 Spiral Point Machine Tap	M6 X 1.00	ISO	Single
08A8MR	M8 X 1.25 Spiral Point Machine Tap	M8 X 1.25	ISO	Single
08A10MR	M10 X 1.50 Spiral Point Machine Tap	M10 X 1.50	ISO	Single
08A12MR	M12 X 1.75 Spiral Point Machine Tap	M12 X 1.75	ISO	Single

Manufactured from HSS M2 Material, Spiral point machine taps are designed for threading through holes in many types of materials.

POWER To Cut Metal.™

Rotabroach

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