



ONE STOP
LUBRICATION EQUIPMENT

HOLEMAKER-TECHNOLOGY.COM
HMT

Cutting Tool Innovation

Speed up Metalworking

Edition 9: 2020



UK made range of premium
VersaDrive Magnet Drills

UK Built 

JOIN THE REVOLUTION

New Products & Innovations



Rapid-Lock Quick-release
VersaDrive adapters



VersaDrive
Site Installation Kit



Superlong Hole Cutters
& Rebar Cutters

VersaDrive Cutting Tools

VersaDrive Magnetic Drills

CarbideMax Broach Cutters



ONE STOP
LUBRICATION EQUIPMENT

One Stop Lubrication Equipment
PO Box 120 Wallsend NSW 2287
Ph 0487 372894
email francois@onestoplubrication.com

HOLEMAKER-TECHNOLOGY.COM

HMT

Cutting Tool Innovation

Speed up Metalworking

OUR STORY

The background to the forming of Holemaker Technology was in a small family-run welding & engineering supplies business, where we worked with engineering contractors & steel erectors in the South of England.

Over the years we received a stream of requests for specialist metal drilling tools to overcome problems with a challenging project. We would hunt high & low to try and help our customers out, but frequently find that the products needed were just not available. We realised this was a constant and ongoing challenge for metalworkers.

Drilling or modifying the connection holes that hold steel components together when limited only to the use of portable or hand-held tools seemed to us to be the biggest pain point in the industry, often contributing to missed deadlines and painful project over-runs caused by changes to specification or drawings, fabrication errors or even emergency repairs.

By 2014 we realised the time had come to make a difference. We put everything on the line to start a new company dedicated to filling this gap in the market, with one aim: To speed up metalworking through cutting tool innovation.

Combining our pioneering, impact rated and now patented VersaDrive system with the latest generation of high-torque cordless power tools has created a revolutionary level of drilling speed & performance, never before possible with portable tools.

After 6 years, around 300,000 tools, and one patent, our products are now sold widely through distributors in over 36 countries. There is a long way still to go and we invite you to join our journey and help us continue to improve and speed up metalworking.

Regards

Piers Crane & Hugh Crane - Co-Founders



WHAT WE DO

Holemaker Technology is a specialist manufacturer of cutting and drilling products

We believe in cutting tool innovation to speed up metalworking.

We believe that Construction creates, connects, and improves the world we live in.

Creating & maintaining steel structures and components needs specialist skills and tooling.

Portable Cutting & Drilling tools is our specialist area, where you have to take the tools to the job to create and modify the connection holes which hold our world together.

A relentless focus on product innovation and improvement provides the metalwork and fabrication industries with a new and unique range of tooling to speed up any task that involves working with connection holes.





OUR MISSION & VALUES

HMT MISSION

To speed up metalworking through cutting tool innovation

HMT VISION

To be the leading brand of fabricator's cutting tools

THE 5 HMT VALUES

Innovate, Specialise, Optimise, Be Agile and Be Nice



ONE STOP
LUBRICATION EQUIPMENT

One Stop Lubrication Equipment
PO Box 120 Wallsend NSW 2287
Ph 0487 372894
email francois@onestoplubrication.com



TEAM

A hand picked team full of energy and enthusiasm, with industry experience drawn from market leading industrial brands.



PRODUCTS

The motto here is - if the products are right, then the success will follow. A relentless focus on quality control and Patent-protected innovation means that each HMT product is created to be a market leader in its own right.



SERVICE

With a stock holding of more than £1M we have an average 95% stock availability on catalogue items meaning orders placed by 3.30PM will be shipped to you the same day. Your order will be processed & confirmed within 2 hours and courier tracking will be emailed on despatch of goods. Barcoded warehousing technology ensures total picking accuracy.



SUPPORT

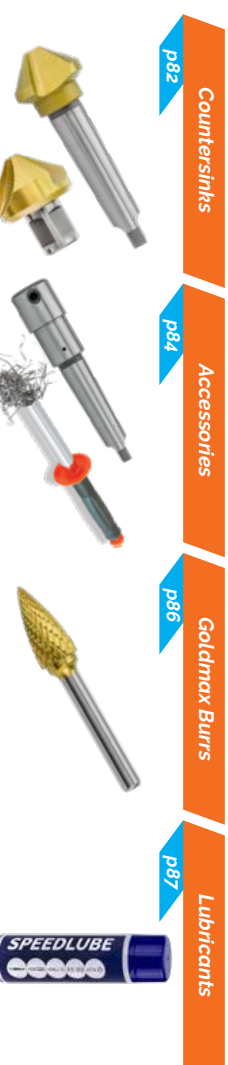
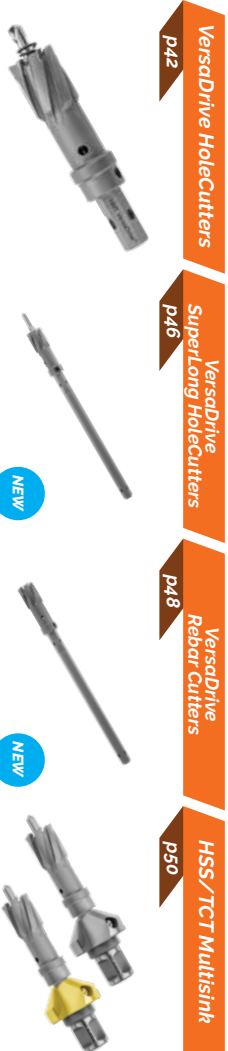
One of our core values is "Optimise", and this means helping users get the best out of their HMT tooling, with training, demonstrations and site visits in addition to data sheets and training videos. A wide network of dealers and local stockists hold the products available all over the UK & Ireland.



HOLEMAKER-TECHNOLOGY.COM
HMT

WORKING WITH US

We want every experience that you have with HMT to be effortless and enjoyable. Here's the 4 pillars we constantly work on and improve to deliver this.





VERSADRIVE[®]

PATENT PROTECTED

VersaDrive by Holemaker Technology is the 1st modular cutting system in the world that allows cutting tools to be used across Impact Wrenches/ Drivers as well as Rotary drills like Magnet drills, Hand-Held drills and Pillar drills.

This innovative system features a range of Impact rated and Rotary rated cutting tools as well as a collection of specially designed and custom engineered adapters to rapidly fit cutting tool to power tool, with fast tool changeover.

Tools in the range have also been specifically designed and developed to outperform and outlast the closest comparable products. With faster cuts, longer life and more holes per product VersaDrive tools save time, money & increase productivity.



*The world's 1st modular quick-change cutting & drilling system for use with both **Impact** and **Rotary** tools*

IMPACT RATED

WHY IMPACT?

For high speed applications like drilling, reaming and tapping VersaDrive's range of Impact Rated tools and adapters offer precision performance alongside the speed, safety and controlled power offered by Impact drivers and wrenches.

Phenomenal cutting performance is achieved through the design of the tool, cutting with the double hardened edges of the cutting face rather than the tip.



Features & Benefits

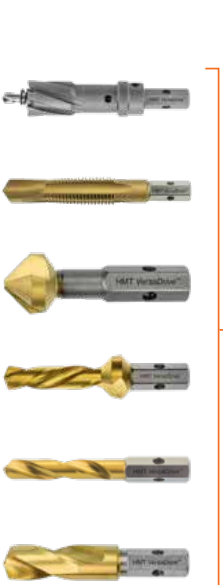
- Up to 10x longer life
- Up to 15x faster than standard everyday methods
- Quick-change, Rapid-Lock adapters
- Dual hardened for Impact use
- High-Grade tool steel
- Non-Slip Hex shank fits all standard 1/2" drill chucks
- Safer working - minimal kickback
- Precision ground for accurate, clean holes
- GoldMax Low-friction titanium coating to stop burn-out

ROTARY RATED

WHY ROTARY?

For slow speed applications like heavy duty tapping, countersinking or broaching with a holesaw optimum performance can be achieved by cutting with the tip and flutes of the tool.

Our rotary rated range of tools have been designed to do just this and provide excellent cutting performance whilst outlasting any comparable tool on the market.



The VersaDrive Patent Protected Shank System

VersaDrive Patent-Protected Hex shank. The VersaDrive Hexagon shank design fits into all standard drill chucks. No slipping in the chuck like standard tools. Three concentric lock positions give perfect alignment and accuracy when the tooling is used in any of the modular adapters to optimise metalworking processes and increase the tools working life.



VersaDrive Showcase Set - 25pc Metric



Part No	Description	RSP £
VSD-SHOWCASE2	VersaDrive Showcase Set 25pc	£929.00

NEW

The new 2020 showcase set is designed for sales people to present the VersaDrive range of products out in the field. One of every top VersaDrive product is included with typical sizing.

Presented in a high quality ABS case with foam insert.

Includes the following system:

- 1/4" Impact Driver Adapter
- Magnet Drill Adapter
- 300mm Extension Arbor.
- Impact Step Drill x 2
- Drillsink
- Cobalt Blacksmiths Drill Bit
- Sheet Metal Drill Tap x 2
- Long Series ImpactaTap
- 101030 TCT HoleCutters x 2
- Multisink & Broaching Pilot
- 1/2" Impact Wrench Adapter
- SDS Adapter
- Impact Reamer x 2
- M16 ImpactaTap
- Cobalt Drill Bit
- Countersink
- Heavy Duty Drill Tap
- Spiral Flute ImpactaTap
- Pilot Pin & Pilot Drill

VersaDrive Site Installation Kit - 30pc Metric



Part No	Description	RSP £
VSD-ANSET-IME	VersaDrive Site Installation Kit 30pc Metric	£795.00

NEW

The Site Installation Kit is created to combine an essential set of best-selling VersaDrive products to overcome all common site installation and steel erection holmaking challenges. Keeps the job moving when you find an unexpected challenge.

Presented in a high quality ABS case with foam insert.

Includes the following system:

- 1/4" Impact Driver Adapter
- Magnet Drill Adapter
- 300mm Extension Arbor.
- Spare Pilot Drill & Pilot Pin
- ImpactaTaps M8, M10, M12, M16, M20
- Countersinks 16.5mm, 20.5mm, 25.0mm
- 1/2" Impact Wrench Adapter
- SDS Adapter
- Hex Keys 3, 4, 5mm
- Impact Reamers 10, 14, 18, 22mm
- TurboTip Drill Bits 6.8mm, 8.5mm, 10.5mm, 12mm, 14mm
- TCT HoleCutters complete with Arbor & Pilot Drill/Spring 12, 14, 18, 22, 26mm

VersaDrive 1/4" Rapid-Lock Impact Driver Adapter



Part No	Drive Size	Ø mm	L mm	RSP £	10 Pack
111025-014A	1/4" Hex	28	75	£29.50	£280.25

5% Saving*

Adapter Benefits

This upgraded VersaDrive Impact Driver adapter features:

- New Rapid-Lock, single handed loading
- Improved Quick Release collar that prevents accidental tool release caused by vibrations or contact with the workpiece
- Knurled collar - ultimate grip in greasy or damp conditions
- High quality, Heavy Duty steel components
- Increased strength for withstanding the drive forces from the latest generation of high torque 1/4" Hex Impact Drivers.
- Converts standard 1/4" Impact Drivers for use with VersaDrive

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

VersaDrive 1/2" Rapid-Lock Impact Wrench Adapter



Part No	Drive Size	Ø mm	L mm	RSP £	10 Pack
111130-012A	1/2" Drive	28	55	£36.20	£343.90

5% Saving*

Adapter Benefits

Rated to 650nm
Supplied with retention pin & ring

This upgraded VersaDrive Impact Wrench adapter features:

- New Rapid-Lock, single handed loading action
- Improved Quick Release collar that prevents accidental tool release caused by vibrations or contact with the workpiece
- Knurled collar - ultimate grip in greasy or damp conditions
- High quality, Heavy Duty steel components
- Increased strength for withstanding the drive forces from the latest generation of high torque 1/2" Impact Wrenches
- Converts standard 1/2" Impact Wrenches for use with VersaDrive

VersaDrive Rapid-Lock Weldon Adapter



Part No	Shank Size	Ø mm	L mm	RSP £	10 Pack
111035-01	19.05mm / 3/4"	28	66	£43.95	£417.55

5% Saving*

Adapter Benefits

This upgraded VersaDrive Magnet Drill adapter features:

- New Rapid-Lock, single handed loading
- Improved Quick Release collar mechanism preventing accidental tool release caused by vibrations or contact with the workpiece
- Fits to all standard magnet drills with 19mm (3/4") Weldon magnet drill shank

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

VersaDrive Rapid-Lock SDS+ Adapter



Part No	Ø mm	L mm	£ RSP	10 Pack
112010-01	28	140	£33.50	£318.25

5% Saving*

Adapter Benefits

This upgraded SDS+ VersaDrive adapter features:

- New Rapid-Lock, single handed loading action
- Improved Quick Release collar that prevents accidental tool release caused by vibrations or contact with the workpiece
- Knurled collar - ultimate grip in greasy or damp conditions
- High quality, Heavy Duty steel components
- Converts all standard SDS+ Rotary Hammer Drills for use with VersaDrive system (In rotary mode)



VersaDrive Heavy Duty Impact Wrench Adapter



Part No	Drive Size	Ø mm	L mm	RSP £	10 Pack
111120-012A	1/2" Drive	25	55	£65.96	£626.55
111110-034A	3/4" Drive	38	60	£56.40	£535.80

Adapter Benefits

- Impact hardened Manganese Phosphate adapter
- ½" HD adapter has Pull-Forward Release - reduces risk of tool loosening during use
- ¾" Adapter has pullback release
- Developed to work with latest generation of high torque cordless impact wrenches capable of generating above 1,000Nm of Torque

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

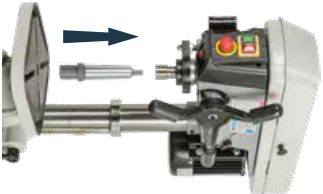
VersaDrive Extension Arbor - 300mm



Part No	Ø	L	£ RSP	10 Pack
111010-0002	23mm	300mm	£22.15	£210.45

Adapter Benefits

- Join multiple extensions for extra length.
- Will pass through holes larger than 23mm
- Not rated for impact wrench use



VersaDrive Magnet Drill Adapter



Part No	Shank Size	Ø mm	L mm	£ RSP	10 pack
111030-0001	19.05mm / 3/4"	30	63.5	£28.25	£268.40
111000-0001	M8 x 1.25	Pack of 10 Spare Grub Screws		£7.30	£69.35

Adapter Benefits

- 3x stainless steel M8 doghead grub screws supplied per adapter
- Fits into any standard 19.05mm / 3/4" magnet drill arbor

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

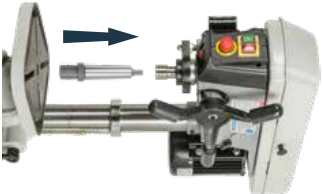
VersaDrive Morse Taper Arbor



Part No	Shank Size	Ø mm	L mm	£ RSP	10 Pack
111040-0001	MT2	30	80	£59.75	£567.65
111040-0002	MT3	30	99	£66.35	£630.35

Adapter Benefits

- 3x stainless steel M8 doghead grub screws supplied per adapter
- Ideal for workshop use with radial arm drills & pillar drills



VersaDrive Magnet Drill Adapter



Part No	Shank Size	Ø mm	L mm	£ RSP	10 pack
111030-0001	19.05mm / 3/4"	30	63.5	£28.25	£268.40
111000-0001	M8 x 1.25	Pack of 10 Spare Grub Screws		£7.30	£69.35

Adapter Benefits

- 3x stainless steel M8 doghead grub screws supplied per adapter
- Fits into any standard 19.05mm / 3/4" magnet drill arbor

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

VersaDrive Morse Taper Arbor



Part No	Shank Size	Ø mm	L mm	£ RSP	10 Pack
111040-0001	MT2	30	80	£59.75	£567.65
111040-0002	MT3	30	99	£66.35	£630.35

Adapter Benefits

- 3x stainless steel M8 doghead grub screws supplied per adapter
- Ideal for workshop use with radial arm drills & pillar drills

The first step drill optimised for use with impact wrenches & impact drivers allowing the user to create holes in seconds.

Featuring a spiral flute design with self-starting drill tip, for fast, smooth drilling with a rotary drill or impact wrench and market leading 5mm thick drilling capacity.

VersaDrive Step Drills have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock Adapter for use in a wide range of power tools such as Magnetic Drills.

- Market Leading 5mm thick drilling capacity
- Fast, smooth drilling with minimal kickback.
- Specially hardened for impact wrench use.
- Precision ground flutes with easy chip clearance
- 135° split point angle for easy starting & accuracy.
- GoldMax low-friction titanium coating to stop burn out.
- High strength, non-slip shank design.

CREATES HOLES IN SECONDS

IMPACT RATED

RECOMMENDED FOR USE WITH:

Impact Drivers
Impact Wrenches
Rotary Drills

CAN ALSO BE USED WITH:

SDS+ Adapter
Extension Arbor

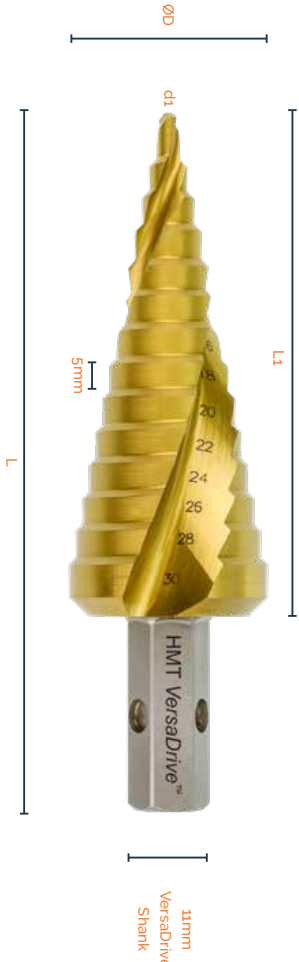
ADAPTERS



Impact Driver Adapter 111026-014A Page 12	Impact Wrench Adapter 111130-012A Page 12	Use with any standard chuck	SDS+ Adapter 112010-01 Page 13	Extension - 300mm 111010-0002 Page 14
---	---	-----------------------------	--------------------------------------	---

Quick Guide

- For fastest performance use on Impact wrenches & impact drivers
- Excellent life and performance when used with rotary pistol drills or drill presses
- Suitable for stainless and harder materials if used at low RPM
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 90 for more details and RPM information



Metric

Part No	Ø D mm	d1 mm	L1 mm	L mm	Step Diameters	Step Depth mm	RSP Each £	10 Pack RSP
505020-0120	12mm	4mm	47	75	4, 6, 8, 10, 12mm	5mm	£33.15	£314.95
505020-0220	22mm	4mm	58	86	4, 6, 8, 10, 12, 14, 16, 18, 22mm	5mm	£46.30	£439.85
505020-0300	30mm	4mm	77	105	4, 6, 8, 10, 12, 14, 16, 18, 22, 24, 26, 28, 30mm	5mm	£57.90	£550.05
505020-0400	40mm	6mm	72	101	6, 8, 10, 12, 16, 20, 25, 29, 32, 36, 40mm	6mm	£103.60	£984.20

Inch

Part No	Ø D	d1	L1	L	Step Diameters	Step Depth	RSP Each £	10 Pack RSP
505030-0010	1/2"	1/8"	1-1/2"	2-43/64	3/16, 1/4, 5/16, 3/8, 7/16, 1/2"	3/16"	£33.15	£314.95
505030-0020	7/8"	3/16"	2-9/32"	3-15/32	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8"	3/16"	£46.30	£439.85
505030-0030	1 3/8"	1/4"	1-31/32	3 5/32	1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8"	3/16"	£57.90	£550.05

Step Drill Sets

Part No:	Set Contents	RSP £	x6 Sets RSP
505020-SET1	3 piece Set: 12, 22, 30mm Step Drills	£124.00	£706.80
505020-SET2	4 piece Set: 12, 22, 30, 40mm Step Drills	£207.95	£1,165.35
505030-SET1	3 piece Set: 1/2, 7/8, 1-3/8" Step Drills	£127.55	£727.05

*5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



VersaDrive reamers are the perfect hole alignment and enlarging tool for metalworkers & steel erectors for keeping the job moving when a hole is misaligned or the incorrect size for the fitting.

Featuring a specially designed 6 flute cutting geometry and Titanium coating, VersaDrive™ Reamers are fully Impact rated and perform fastest when used with an impact wrench providing ultimate cutting performance with virtually no power tool kickback.

VersaDrive Reamers have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock Adapter for use in a wide range of power tools such as Magnetic Drills.

Precision 6-flute design for smooth cutting

Safer reaming with minimal kickback

Specially hardened for impact wrench use

High grade tool steel for high accuracy and long life

Goldmax low-friction titanium coating to stop burn-out

High strength, non-slip shank design

Use on Impact or Rotary

ENLARGE OR ALIGN EXISTING HOLES WITH AN IMPACT WRENCH

IMPACT RATED

RECOMMENDED FOR USE WITH:

Impact Drivers
Impact Wrenches
Rotary Drills
Magnet Drills

CAN ALSO BE USED WITH:

SDS+ Adapter
Extension Arbor

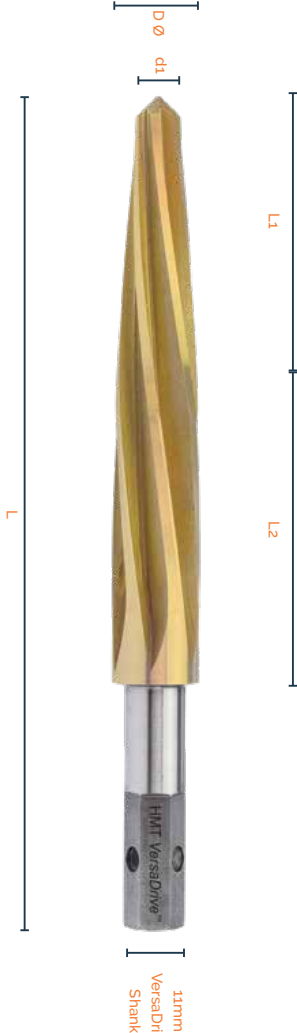
ADAPTERS



VersaDrive Impact Adapters Magnet Drill Adapter Use with any standard drill chuck
111026-014A & 111130-0124 111035-01 111010-01 111010-0002
Page 12 Page 13 Page 13 Page 14

Quick Guide

- For fastest performance use on Impact wrenches & impact drivers
- Impact driven reamers are not recommended for Flame or Plasma cut holes. Use with a Magnet Drill
- Reamer should be rotating before starting the cut & steady feed pressure should be used through the cut
- For materials thicker than 20mm use of ImpactMag reamers is recommended - see page 81
- Refer to the full technical data sheet on page 96 for more details and RPM information



Metric Reamers

Part No	D Ø mm	d1 Ø mm	I1 mm	I2 mm	L mm	Shank mm	£ RSP	10 Pack RSP
501030-0080	8mm	4.4	34	36	108	11.0	£31.30	£297.35
501030-0100	10mm	6	34	36	108	11.0	£31.30	£297.35
501030-0120	12mm	7.1	43	59	144	11.0	£31.30	£297.35
501030-0140	14mm	7.5	52	50	144	11.0	£35.90	£341.05
501030-0160	16mm	8.0	58	56	152	11.0	£37.30	£354.35
501030-0180	18mm	9.4	58	56	170	11.0	£43.20	£410.40
501030-0200	20mm	11.2	61	65	178	11.0	£47.15	£472.15
501030-0210	21mm	12.3	61	66	185	11.0	£53.45	£507.80
501030-0220	22mm	13.2	61	66	185	11.0	£56.20	£533.90
501030-0240	24mm	15.1	63	64	185	11.0	£62.25	£591.40
501030-0260	26mm	15.9	61	64	185	11.0	£73.65	£699.70

Inch size Reamers

Part No	D Ø	d1 Ø	I1	I2	L	£ RSP	10 Pack RSP
501040-0040	1/2" (12.7mm)	19/64"	1-15/16"	2-1/16"	5 1/2"	£36.90	£350.55
501040-0060	9/16" (14.3mm)	9/32"	2-1/16"	1-15/16"	5 1/2"	£38.95	£370.05
501040-0080	5/8" (15.9mm)	5/16"	2-11/64"	2-21/64"	6"	£40.15	£381.45
501040-0070	11/16" (17.5mm)	3/8"	2-1/4"	2-1/4"	6"	£46.90	£445.55
501040-0080	3/4" (19.05mm)	13/32"	2-31/64"	2-33/64"	7"	£52.60	£499.70
501040-0085	13/16" (20.63mm)	15/32"	2-33/64"	2-31/64"	7"	£57.45	£545.80
501040-0090	7/8" (22.2mm)	17/32"	2-19/32"	2-13/32"	7"	£60.95	£579.05
501040-0100	15/16" (23.8mm)	19/32"	2-43/64"	2-21/64"	7"	£67.55	£641.75
501040-0110	1" (25.4mm)	5/8"	2-43/64"	2-21/64"	7"	£72.95	£693.05
501040-0120	1-1/16" (27mm)	45/64"	2-91/16"	2-71/16"	7"	£79.90	£759.05

Reamer Sets

Part No:	Set Contents	RSP £	x6 Sets Savings
501030-3SET	Set contains: 14, 18, 22mm VersaDrive Reamers	£130.35	£743.00
501030-SET	Set contains: 12, 14, 18, 22, 26mm VersaDrive Reamers	£236.95	£1,350.65
501040-3SET	Set contains: 1/2, 5/8, 3/4" VersaDrive Reamers	£120.55	£687.15
501040-5SET	Set contains: 1/2, 5/8, 3/4, 7/8, 1 1/16" VersaDrive Reamers	£261.75	£1,492.00

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



VersaDrive™ TurboTip Impact drill bits are stepped tip bits that drill at twice the speed of standard bits without the need for pilot drilling while cutting a perfectly round hole.

Turbobcharge your drilling performance by using this revolutionary tool with an impact wrench or impact driver. Double hardened and titanium coated for faster drilling & reduced wear.

VersaDrive™ TurboTip drill bits have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock adapter for use in a wider range of power tools such as Magnetic Drills.

Patented Drill Point

50% Faster Drilling with 30% less pressure

Incredible Finished Hole quality

Instant drill start with no slipping

No 'snatch' when drill bit breaks through

Fantastic Tool Life

Fully Impact Rated on structural steel

DRILLS AT 2X THE SPEED WITH NO PILOT DRILLING NEEDED

IMPACT RATED

RECOMMENDED FOR USE WITH:

Impact Drivers
Impact Wrenches
Rotary Drills

CAN ALSO BE USED WITH:

Magnetic Drills
SDS+ Adapter
Extension Arbor

ADAPTERS



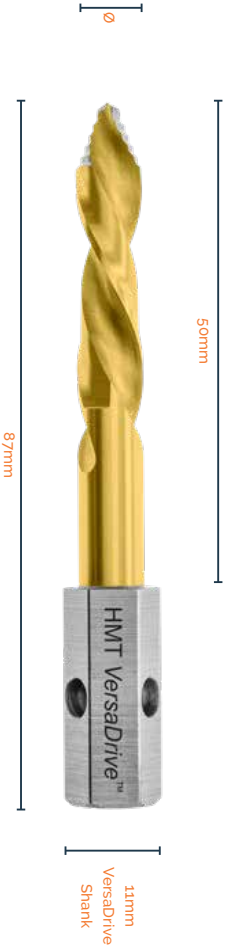
VersaDrive Impact adapters Use with any Magnet Drill Adapter SDS+ Adapter Extension - 300mm
111026-014A & 111130-0124 111035-01 112010-01 111010-0002
Page 12 Page 13 Page 13 Page 14

Quick Guide

- For fastest performance use on Impact wrenches & impact drivers
- For optimum life and accuracy use with pistol drills and magnet drills
- Suitable for use on Stainless Steel and harder materials if used at low RPM in rotary tools
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 91 for more details and RPM information



Metric



Part No	Ø D mm	Tap Size (Metric Coarse)	RSP £	10 Pack RSP
209015-0060	6.0mm		£17.90	£170.05
209015-0068	6.8mm	M8	£20.50	£194.75
209015-0070	7.0mm		£20.85	£198.10
209015-0080	8.0mm		£21.40	£203.30
209015-0085	8.5mm	M10	£21.75	£206.65
209015-0090	9.0mm		£21.95	£208.55
209015-0100	10.0mm		£22.75	£216.15
209015-0105	10.5mm		£22.90	£217.55
209015-0110	11mm		£23.05	£219.00
209015-0120	12mm	M14	£24.90	£236.55
209015-0130	13mm		£28.35	£269.35
209015-0140	14mm	M16	£31.00	£294.50
209015-0160	16mm	Available Q3 2020	£36.65	£348.15
209015-0180	18mm	Available Q3 2020	£42.60	£404.70
209015-0200	20mm	Available Q3 2020	£49.90	£474.05
209015-0220	22mm	Available Q3 2020	£57.80	£549.10

Inch

Part No	Ø D	Metric Tap Size	Inch Tap Size	RSP £	10 Pack RSP
209016-0010	3/16"	4.8mm		£16.15	£172.45
209016-0020	#7	5.1mm		£18.70	£177.65
209016-0030	7/32"	5.6mm	1/4-20 UNC	£19.25	£182.90
209016-0040	1/4"	6.4mm		£19.75	£187.15
209016-0050	#F	6.6mm	5/16-18 UNC	£21.45	£203.80
209016-0060	9/32"	7.1mm		£22.95	£218.05
209016-0070	5/16"	7.9mm	3/8-16 UNC	£23.55	£223.75
209016-0080	11/32"	8.7mm		£24.15	£229.45
209016-0090	3/8"	9.5mm		£25.00	£237.50
209016-0100	27/64"	10.7mm	1/2-13 UNC	£26.25	£239.90
209016-0120	7/16"	11.1mm		£26.35	£240.85
209016-0130	1/2"	12.7mm		£31.20	£296.40

TurboTip Drill Bit Sets

Part No	Contents	£ RSP	x6 Sets
209015-SET1	4 piece TurboTip Drill Bit Set contains: 6, 8, 10, 12mm	£84.15	£479.70
209015-SET2	7 piece TurboTip Drill Bit Set contains: 6, 7, 8, 9, 10, 11, 12mm	£147.95	£843.35
209015-SET3	7 piece TurboTip Drill Bit Set contains: 6, 8, 8, 5, 10, 10, 5, 12, 14mm	£159.45	£908.90

5% Saving

5% Saving



VersaDrive Impactataps are the first and only range of taps that are suitable to be driven by impact wrenches and impact drivers, providing at least 45x faster performance than tapping by hand.

With a specially designed twin-lead, cutting geometry - the dual hardening process with Titanium coating provides a fantastic solution for tapping holes in steel.

VersaDrive Impactataps have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills (up to M10) or used with a VersaDrive Rapid Lock adapter for use in a wide range of power tools such as Magnetic Drills. They can even be used by hand in a socket wrench.

- Ground Flutes create the perfect tapped hole
- Safer tapping with minimal kickback
- Specially hardened for impact wrench use
- High grade tool steel for high accuracy & long life
- Goldmax low friction titanium coating to stop burn out
- High strength, non slip shank design
- Wide range of sizes

15X FASTER THAN HAND TAPPING

IMPACT RATED

RECOMMENDED FOR USE WITH:

Impact Drivers
Impact Wrenches
Magnet Drills

CAN ALSO BE USED WITH:

SDS+ Adapter
Extension Arbor

ADAPTERS



- Impact Driver Adapter 111026-014A Page 12
- Impact Wrench Adapter 111130-012A Page 12
- Magnet Drill Adapter 111035-01 Page 13
- SDS+ Adapter 112010-01 Page 13
- Extension - 300mm 111010-0002 Page 14

Quick Guide

- For fastest performance use on impact wrenches & impact drivers
- Check the minimum torque requirement
- Tapping Stainless Steel requires higher impact torque
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 92 for more details and RPM information



Metric Coarse Thread

Part No	M Thread Size & Pitch	L mm	l1 mm	Shank mm	Tap Hole Size (Metric Coarse thread)	RSP £	10 Pack RSP
308010-0050	M5 x 0.80	55	18	11.0	4.2mm	£17.00	£161.50
308010-0060	M6 x 1.00	55	20	11.0	5.0mm	£19.10	£181.45
308010-0080	M8 x 1.25	60	22	11.0	6.8mm	£22.85	£217.10
308010-0100	M10 x 1.50	70	24	11.0	8.5mm	£30.60	£290.70
308010-0120	M12 x 1.75	80	29	11.0	10.2mm	£32.15	£362.90
308010-0140	M14 x 2.00	90	32	11.0	12.0mm	£42.15	£400.45
308010-0160	M16 x 2.00	90	32	11.0	14.0mm	£45.80	£435.10
308010-0200	M20 x 2.50	100	37	11.0	17.5mm	£59.55	£565.75
308010-0240	M24 x 3.00	110	45	11.0	21.0mm	£70.30	£667.85
308010-0270	M27 x 3.00	130	48	11.0	24.0mm	£75.90	£721.05
308010-0300	M30 x 3.50	130	48	11.0	26.5mm	£93.30	£791.35

Impactatap® Sets

Part No	Contents	£ RSP	x6 Sets
308010-SET1	5 piece Set contains: M6, M8, M10, M12, M16 VersaDrive Impactataps	£139.45	£794.90
308010-SET2	4 piece Set contains: M12, M16, M20, M24 VersaDrive Impactataps	£203.40	£1,159.40

Impactatap® & TurboTip Set

Part No	Contents	£ RSP	x6 Sets
328015-SET1	TurboTip Drill Bit, 6.8, 8.5, 10.5, 14mm & Impactataps, M6, M10, M12, M16 c.w 1/2" Impact Adapter	£163.90	£934.25

*5% saving applies only when ordered in Multipack quantities - saving already applied to price shown





UNC Impactataps Sets available from stock

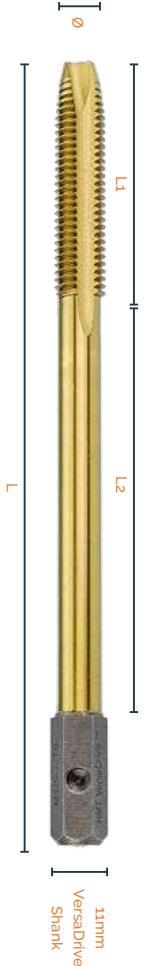
Part No	M Thread Size & Pitch	L mm	l1 mm	Shank mm	Tap Hole Size mm	Tap Hole Size Inch	RSP £	10 Pack RSP
308050-0010	1/4 x 20 UNC	58	20	11.0	5.10mm	#7	£20.05	£190.50
308050-0020	5/16 x 18 UNC	60	22	11.0	6.60mm	#7	£24.65	£234.20
308050-0030	3/8 x 16 UNC	70	24	11.0	8.00mm	5/16	£33.80	£321.10
308050-0040	1/2 x 13 UNC	80	29	11.0	10.80mm	27/64	£43.45	£412.80
308050-0050	5/8 x 11 UNC	90	32	11.0	13.50mm	17/32	£49.20	£467.40
308050-0060	3/4 x 10 UNC	100	37	11.0	16.50mm	21/32	£62.40	£592.80
308050-0065	7/8 x 9 UNC	105	40	11.0	19.50mm	49/64	£67.45	£640.80
308050-0070	1 x 8 UNC	110	45	11.0	22.25mm	7/8	£75.00	£712.50
Sets							RSP £	x8 Sets
308050-SET1	HMT VersaDrive Impactataps Set, 1/4, 5/16, 3/8, 1/2, 5/8 UNC						£167.75	£956.20
308050-SET2	HMT VersaDrive Impactataps Set, 1/2, 5/8, 3/4, 1"						£224.65	£1,280.55

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



Part No	M Thread Size & Pitch	L mm	l1 mm	Shank mm	Tap Hole Size mm	RSP £	10 Pack RSP
308030-0060	M6 x 0.75 MF	60	19	11.0	5.2mm	£20.05	£190.50
308030-0800	M8 x 1.00 MF	70	22	11.0	7.0mm	£24.65	£234.20
308030-0100	M10 x 1.25 MF	70	24	11.0	8.8mm	£32.05	£304.50
308030-0120	M12 x 1.50 MF	80	29	11.0	10.5mm	£40.00	£380.00
308030-0160	M16 x 1.50 MF	90	32	11.0	14.5mm	£45.25	£429.90
308030-0180	M18 x 1.50 MF	100	37	11.0	16.5mm	£52.60	£499.70
308030-0200	M20 x 1.50 MF	100	37	11.0	18.5mm	£59.40	£564.30
308030-0240	M24 x 1.50 MF	120	92	11.0	22.5mm	£73.25	£695.90

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



Spiral Point Taps for fast chip ejection in through holes.

Part No	M Thread Size & Pitch	L mm	l1 mm	l2 mm	Shank mm	Tap Hole Size mm	RSP £	10 Pack RSP
308015-0080	M8 x 1.25	140	45	112	11.0	6.8mm	£43.55	£413.75
308015-0100	M10 x 1.50	155	50	127	11.0	8.5mm	£50.35	£478.35
308015-0120	M12 x 1.75	180	55	152	11.0	10.2mm	£65.10	£618.45
308015-0160	M16 x 2.0	200	65	172	11.0	14.0mm	£78.60	£746.70
308015-0200	M20 x 2.5	230	70	202	11.0	17.5mm	£98.60	£938.60
308015-0240	M24 x 3.0	260	75	232	11.0	21.0mm	£109.35	£1,038.85

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



Used for tapping holes used with Galvanised Fixings								5
Part No	M Thread Size & Pitch	L mm	l1 mm	Shank mm	Tap Hole Size (Metric Coarse thread)	RSP £	10 Pack RSP	
308020-0050	M5 x 0.80 (+0.15")	55	18	11.0	4.2	£21.35	£202.85	
308020-0060	M6 x 1.00 (+0.15")	55	20	11.0	5.0	£24.05	£228.50	
308020-0080	M8 x 1.25 (+0.15")	60	22	11.0	6.8	£28.50	£270.75	
308020-0100	M10 x 1.50 (+0.15")	70	24	11.0	8.5	£38.25	£363.40	
308020-0120	M12 x 1.75 (+0.15")	80	29	11.0	10.2	£47.85	£454.60	
308020-0160	M16 x 2.00 (+0.15")	90	32	11.0	14.0	£57.35	£544.85	
308020-0200	M20 x 2.50 (+0.15")	100	37	11.0	17.5	£63.80	£606.10	
308020-0240	M24 x 3.00 (+0.15")	110	45	11.0	21.0	£88.10	£836.95	
308020-0300	M30 x 3.50 (+0.15")	130	48	11.0	26.5	£105.60	£1,003.20	
Sets			Contents			RSP £	x8 Sets	
308020-SET1	HMT VersaDrive Oversize Galv Impact Tap 6 Pc Set: M5, M6, M8, M10, M12, M16					£187.65	£1,069.50	

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

Impactataps® BSW Thread



Part No	M Thread Size & Pitch	L mm	I1 mm	Shank mm	Tap Hole Size	RSP £	10 Pack RSP Saving*
308070-0010	1/8 x 28 BSW	70	24	11.0	8.8mm	£36.85	£350.10
308070-0020	1/4 x 19 BSW	90	32	11.0	11.8mm	£41.15	£390.95
308070-0030	3/8 x 19 BSW	90	32	11.0	15.25mm	£45.25	£429.90
308070-0040	1/2 x 14 BSW	100	37	11.0	19mm	£60.65	£576.20
308070-0050	5/8 x 14 BSW	100	37	11.0	21mm	£71.45	£678.80
308070-0060	3/4 x 14 BSW	100	37	11.0	24.5mm	£81.85	£777.60
308070-0070	1 x 11 BSW	110	45	11.0	30.75mm	£88.15	£837.45

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

Impactataps® BSW Thread



Part No	M Thread Size & Pitch	L mm	I1 mm	Shank mm	Tap Hole Size	RSP £	10 Pack RSP Saving*
308060-0010	1/4 x 20 BSW	58	20	11.0	5.1mm	£20.05	£190.50
308060-0015	5/16 x 18 BSW	60	22	11.0	6.5mm	£24.65	£234.20
308060-0020	3/8 x 16 BSW	70	24	11.0	7.9mm	£32.00	£304.00
308060-0030	1/2 x 12 BSW	80	29	11.0	10.5mm	£43.45	£412.80
308060-0040	5/8 x 11 BSW	90	32	11.0	13.5mm	£49.20	£467.40
308060-0050	3/4 x 10 BSW	100	37	11.0	16.25mm	£62.40	£592.80
308060-0060	1 x 8 BSW	110	45	11.0	22mm	£75.00	£712.50

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

FarrierTap - BSW Thread



Part No	M Thread Size & Pitch	L mm	I1 mm	Shank mm	Tap Hole Size	RSP £	10 Pack RSP Saving*
308060-0015	5/16 x 18 BSW	60	22	11.0	6.5mm	£24.65	£234.20
308060-0020	3/8 x 16 BSW	70	24	11.0	7.9mm	£32.00	£304.00

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

FarrierTap Combi DrillTap



Part No	M Thread Size & Pitch	d1	L	I1	Max tapping depth with impact wrench	RSP £	10 Pack RSP Saving*
301127-0030	3/8-16 BSW	7.9mm	92mm	22mm	8.5mm	£27.45	£260.80

FarrierTap Kit

Part No:	Set Contents	RSP £	x6 Sets
301127-SET1	Set contains: 3/8 BSW FarrierTap, 3/8 BSW Combi Drill Tap, 1/4" VersaDrive Impact Adapter	£83.50	£475.95

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

Clutched Tap Collet for Blind Hole Tapping

The HMT VersaDrive Clutched tap collet system is a unique method of effectively threading blind holes.

One collet works with the range of Patented VersaDrive taps. When the tap comes to the bottom of the hole, the clutch system will engage and stop the tap from breaking. The tap is then reversed out of the completed hole.

This system fits a 19.05mm (3/4") magnet drill arbor, or can be adapted for use with a 1/2" or 3/4" Impact Wrench.

- Quick change system accepts all VersaDrive taps
- Collets are pre-set to the appropriate clutch settings
- Further Clutch adjustment options available
- For blind hole tapping with VersaDrive Spiral Flute Taps
- For use with variable speed, reversible magnet drill, pillar drill, or Impact wrench

VERSATILE BLIND HOLE TAPPING

CLUTCHED TAP REPLACEMENT COLLET

120010 COLLET HOLDER



Part No	Description	RSP £
120010	Weldon Shank Tap Collet Holder, 19.05mm / 3/4"	£97.90

121015-M12	Clutched Blind Hole Tap Collet M6-M12 Capacity	£217.80
121015-M24	Clutched Blind Hole Tap Collet M16-M24 Capacity	£270.60

00200-12A-19	1/2" Drive Impact Adapter for Blind Hole Tapping	£75.50
00200-34A-19	3/4" Drive Impact Adapter for Blind Hole Tapping	£78.40

121015-SET12	Blind Hole Tapping Kit M6-M24 Capacity includes 1/2" Impact Adapter	£974.60
121015-SET34	Blind Hole Tapping Kit M6-M24 Capacity includes 3/4" Impact Adapter	£984.50



IMPACT RATED



VersaDrive Spiral Flute Taps - Metric Coarse



Part No	M Thread Size & Pitch	L mm	l1 mm	Shank mm	Tap Hole Size mm	RSP £	10 Pack RSP
309010-0060	M6 x 1.00	58	20	11.0	5.0mm	£26.75	£254.15
309010-0080	M8 x 1.25	60	22	11.0	6.8mm	£32.00	£304.00
309010-0100	M10 x 1.50	70	24	11.0	8.5mm	£42.85	£407.10
309010-0120	M12 x 1.75	80	29	11.0	10.2mm	£53.50	£508.25
309010-0160	M16 x 2.00	90	32	11.0	14.0mm	£64.10	£608.25
309010-0200	M20 x 2.50	100	37	11.0	17.5mm	£83.35	£791.85
309010-0240	M24 x 3.00	110	45	11.0	21.0mm	£98.45	£935.30
309010-0300	M30 x 3.50	130	48	11.0	26.5mm	£116.60	£1,107.70
Sets			Contents			RSP £	X8 Sets
309010-SET1	HMT VersaDrive Spiral Flute ImpactatTap Set, M6, M8, M10, M12, M16					£208.15	£1,186.50
309010-SET2	HMT VersaDrive Spiral Flute ImpactatTap Set, M12, M16, M20, M24					£269.40	£1,535.60

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

VersaDrive Spiral Flute Taps - UNC Thread



Part No	M Thread Size & Pitch	L mm	l1 mm	Shank mm	Tap Hole Size mm	Tap Hole Size Inch	RSP £	10 Pack RSP
309020-0010	1/4 x 20 UNC	58	20	11.0	5.1mm	#7	£29.45	£279.80
309020-0020	5/16 x 18 UNC	60	22	11.0	6.6mm	#8	£35.15	£333.95
309020-0030	3/8 x 16 UNC	70	24	11.0	8mm	5/16	£47.15	£447.95
309020-0040	1/2 x 13 UNC	80	29	11.0	10.8mm	27/64	£58.80	£558.60
309020-0050	5/8 x 11 UNC	90	32	11.0	13.5mm	17/32	£70.50	£669.75
309020-0060	3/4 x 10 UNC	100	37	11.0	16.5mm	21/32	£91.70	£871.15
309020-0065	7/8 x 9 UNC	105	40	11.0	19.5mm	49/64	£99.85	£948.60
309020-0070	1 x 8 UNC	110	45	11.0	22.5mm	7/8	£106.30	£1,028.85
309020-0110	1-1/4 x 7 UNC	128	41	11.0	28.17mm	1-7/64	£235.95	£2,241.55
Sets			Contents				RSP £	X8 Sets
309020-SET1	HMT VersaDrive Spiral Flute ImpactatTap Set, 1/4, 5/16, 3/8, 1/2, 5/8" UNC						£208.10	£1,186.15
309020-SET2	HMT VersaDrive Spiral Flute ImpactatTap Set, 1/2, 3/4, 1" UNC						£269.40	£1,535.60

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

VersaDrive Combi Drill Taps are a time saving solution for pilot drilling & tapping in one easy operation. The Titanium coating provides wear resistance and faster cutting performance.

VersaDrive™ Sheet Metal Impacta-DrillTaps have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock adapter for use in a wide range of power tools such as Magnetic Drills.

Recommended for use with Impact Drivers for high drilling and tapping productivity.

Ground flute twist drill creates the perfect tapping hole

Safer tapping with minimal kickback

Specially hardened for impact wrench use

High grade tool steel for high accuracy & long life

Goldmax low friction titanium coating to stop burn out

High strength, non slip shank design

Drill & Tap in one easy operation

DRILL & TAP IN ONE EASY OPERATION - WITH AN IMPACT WRENCH

IMPACT RATED

RECOMMENDED FOR USE WITH:

Impact Drivers
Impact Wrenches
Rotary Drills
Magnet Drills

CAN ALSO BE USED WITH:

SDS+ Adapter
Extension Arbor



ADAPTERS



VersaDrive Impact Adapters Magnet Drill Adapter Use with any standard drill chuck SDS+ Adapter Extension - 300mm

111026-014A & 111130-0124 111035-01 112010-01 111010-0002

Page 12 Page 13 Page 13 Page 14

Quick Guide

- For fastest performance use on impact wrenches & impact drivers (Check minimum torque requirement)
- Maximum tapping thickness is the thread diameter of the drill-tap
- Tapping Stainless Steel requires higher impact torque
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on page 94 for more details and RPM information



Metric Coarse

Part No	M Thread Size & Pitch	d1 mm	L mm	l1 mm	Max tapping depth with impact wrench	RSP £	10 Pack RSP
301125-0030	M3 x 0.50	2.5	55	6	3mm	£15.95	£151.55
301125-0040	M4 x 0.70	3.3	60	9	4mm	£17.85	£169.60
301125-0050	M5 x 0.80	4.2	71	13	5mm	£19.10	£181.45
301125-0060	M6 x 1.00	5.0	75	17	6mm	£20.15	£191.45
301125-0080	M8 x 1.25	6.8	82	20	8mm	£22.50	£213.75
301125-0100	M10 x 1.50	8.5	92	25	10mm	£24.65	£234.20
301125-0120	M12 x 1.75	10.2	103	31	12mm	£27.25	£258.90

Inch - UNC

NEW Part No	M Thread Size & Pitch	d1	L	l1	Max tapping depth with impact wrench	RSP £	10 Pack RSP
301126-0010	4-40 UNC	3/32	2-11/64	15/64	3/32"	£19.25	£182.90
301126-0020	6-32 UNC	7/64	2-23/64	23/64	1/8"	£20.60	£195.70
301126-0030	8-32 UNC	9/64	2-23/64	23/64	5/32"	£20.85	£198.10
301126-0040	10-24 UNC	5/32	2-51/64	33/64	13/64"	£21.05	£200.00
301126-0050	1/4-20 UNC	13/64	2-61/64	19/32	1/4"	£21.35	£202.85
301126-0060	5/16-18 UNC	1/4	3-15/64	45/64	5/16"	£23.25	£220.90
301126-0070	3/8-16 UNC	5/16	3-5/8	55/64	3/8"	£26.15	£248.45
301126-0080	1/2-13 UNC	27/64	41/16	1-7/64	1/2"	£29.25	£277.90

Sheet Metal Drill-Tap Sets

Part No:	Set Contents	RSP £	x6 Sets
301126-SET1	Set contains: M5, M6, M8, M10, M12 Combi Drill-Taps	£99.10	£564.90
301126-SET1	Set contains: 1/4, 5/16, 3/8, 1/2" UNC Combi Drill Taps	£98.95	£564.05

*5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



VersaDrive™ Heavy Duty Impacta-Drill Taps are an industrial metalwork or fabrication tool for drilling and tapping heavy steel in one easy operation.

Primarily they are designed to be used with a reversible Magnet drill, although they can also be adapted for use with an impact wrench to enlarge and tap existing holes.

With a drill point optimised for use in fixed drilling machines like

Magnetic Drills or Pillar drills, these are not recommended for use in a pistol drill. Where they are to be used with an impact wrench to enlarge and tap holes pilot drilling is recommended with a separate drill bit.

Fast Tapping with Minimal Kickback.

Specially hardened for Impact Wrench use.

High Grade Tool Steel for high accuracy & long life.

GoldMax low-friction titanium coating to stop burn-out

High strength, non-slip shank design

Unique Dual-Point Starting Angle for easy alignment & fast cut.

Chipbreaker action for Automatic chip clearance when Impact Tapping.

DRILL & TAP IN ONE EASY OPERATION

ROTARY RATED

RECOMMENDED FOR USE WITH:-

Magnet Drills
Multisink

CAN ALSO BE USED WITH:-

Impact Wrench
Extension Arbor
Morse Taper Drills



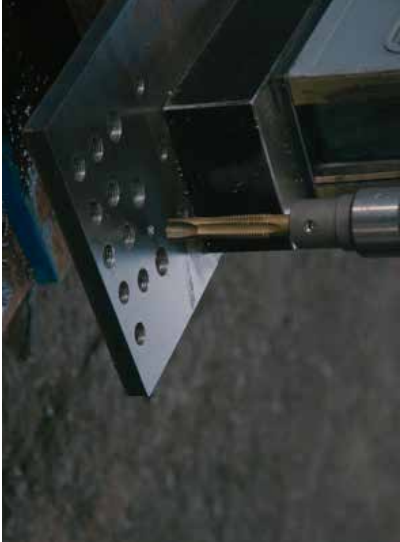
ADAPTERS



Magnet Drill Adapter 111035-01 Page 13	Multisink 601050- Page 50	Impact Wrench Adapter 111130-012A Page 12	Extension - 300mm 111010-0002 Page 14	Morse Taper Arbor 111040- Page 15
--	---------------------------------	---	---	---

Quick Guide

- Correct RPM is critical for good performance on larger drill taps
- Ideal for use in drill presses and magnet drills
- For impact wrench use, pilot drilling the hole with a separate drill bit is necessary
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on page 94 for more details and RPM information



Metric Coarse - Heavy Duty Drill-Taps

Part No	M Thread Size & Pitch	d1 mm	L mm	l1 mm	Max Tapping Depth	RSP £	10 Pack RSP
301130-0080	M8 x 1.25	6.8	100	30	20mm	£46.65	£433.70
301130-0100	M10 x 1.50	8.5	105	30	20mm	£48.65	£462.20
301130-0120	M12 x 1.75	10.2	117	35	25mm	£53.70	£510.15
301130-0160	M16 x 2.00	14	117	37	25mm	£62.50	£593.75
301130-0200	M20 x 2.50	17.5	135	40	35mm	£70.95	£674.05
301130-0240	M24 x 3.00	21	148	45	40mm	£91.80	£872.10

UNC Thread - Heavy Duty Drill-Taps

Part No	M Thread Size & Pitch	d1	L	l1	Max Tapping Depth	RSP £	10 Pack RSP
301140-0001	1/2-13 UNC	27/64	4-23/32	1-3/8	1	£61.85	£587.60
301140-0002	5/8-11 UNC	17/32	5-1/8	1-29/64	1	£68.95	£655.05
301140-0003	3/4-10 UNC	21/32	5-33/64	1-37/64	1-3/8	£76.70	£728.65
301140-0005	1-8 UNC	7/8	6-19/64	1-49/64	1-37/64	£112.90	£1,072.55

Heavy Duty Drill-Tap Sets

Part No:	Set Contents	RSP £	x6 Sets
301130-SET1	Set contains: M12, M16, M20, M24 Heavy Duty Comb Drill-Taps	£248.25	£1,415.05
301140-SET1	Set contains: 1/2, 5/8, 3/4, 1" UNC Comb Drill Taps	£318.45	£1,815.20

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



The VersaDrive Drillsink is an innovative combined drilling & countersinking tool to save metalworkers time & increase hole accuracy by drilling & then countersinking fixing holes in one operation.

This combination tool provides perfect countersinking accuracy every time by locating the drilled hole in perfect alignment to the countersink. This helps prevent tool chatter and blunting commonly found with standard countersinks.

VersaDrive™ Drillsinks have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock adapter for use in a wide range of power tools such as Magnetic Drills.

- Drill & Countersink in one easy operation
- Perfect concentricity creates the perfect Countersink
- Ground flutes for high accuracy and long life
- High-Grade tool steel
- High strength, non-slip shank design
- GoldMax low-friction titanium coating to stop burn-out
- Prevents the chattering of standard countersinks

ULTIMATE PRECISION FOR COUNTERSUNK HOLES

ROTARY RATED

RECOMMENDED FOR USE WITH:

Rotary Drills
Magnet Drills

CAN ALSO BE USED WITH:

Impact Wrenches/ Drivers
(up to 16.5mm)
SDS+ Adapter
Extension Arbor

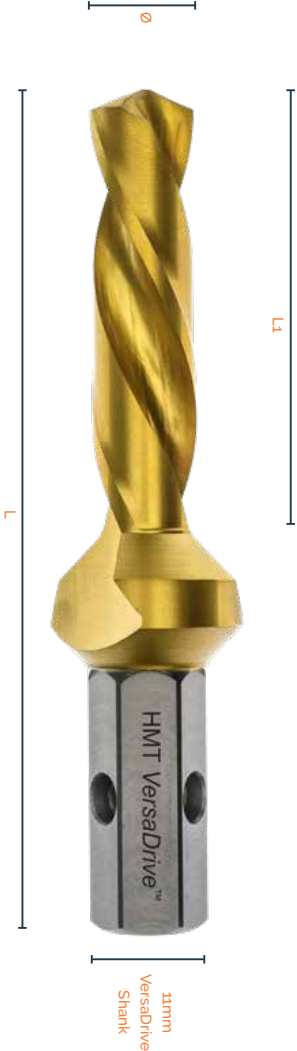
ADAPTERS



- Use with any standard drill chuck
- Magnet Drill Adapter 111035-01 Page 13
- Impact Wrench Adapter 111130-012A Page 12
- SDS+ Adapter 112010-01 Page 13
- Extension - 300mm 111010-0002 Page 14

Quick Guide

- Optimum life and performance when used with rotary pistol drills or drill presses
- Up to 16.5mm can be used on impact wrench & impact drivers for fast cutting performance
- Suitable for harder materials such as stainless steel when used at reduced RPM
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on page 98 for more details and RPM information



Clearance Hole Sizes

Part No	Ø Drill Size	Countersink Size	l1	L	Countersunk Screw	Point Angle	RSP £	10 Pack RSP
603070-08124	8mm	12.4mm	47mm	96mm	M6	90°	£33.80	£321.10
603070-10165	10mm	16.5mm	47mm	85mm	M8	90°	£41.70	£396.15
603070-11205	11mm	20.5mm	47mm	88mm	M10	90°	£49.70	£472.15
603070-12205	12mm	20.5mm	47mm	88mm	M10	90°	£51.80	£492.10
603070-13250	13mm	25mm	47mm	92mm	M12	90°	£60.10	£570.95
603070-14250	14mm	25mm	47mm	92mm	M12	90°	£61.80	£587.10

Tap Hole Sizes

Part No	Ø Drill Size	Countersink Size	l1	L	Countersunk Screw	Point Angle	RSP £	10 Pack RSP
603070-08165	6.8mm	16.5mm	47mm	85mm	M8 (Tapped)	90°	£36.65	£348.20
603070-08205	8.5mm	20.5mm	47mm	88mm	M10 (Tapped)	90°	£48.15	£457.45
603070-102250	10.2mm	25mm	47mm	93mm	M12 (Tapped)	90°	£56.10	£532.95

Drillsink Set

Part No	Contents	£ RSP	x8 Sets Saving
603070-SET14	Set contains: 8/12 4mm, 10/16 5mm, 12/20 5, 14/25mm VersaDrive Drillsink Bits	£159.10	£906.90

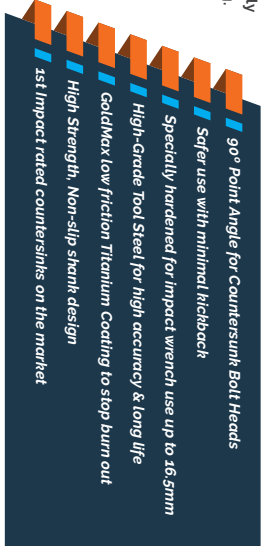
5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



The VersaDrive Countersink is a premium quality countersink with fully ground flutes and Titanium coating to help reduce wear and blunting.

VersaDrive™ Countersinks have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock Adapter for use in a wide range of power tools such as Magnetic Drills.

Utilise the convenience and power of an impact wrench to quickly deburr and countersink holes up to 16.5mm with minimal torque kick-back against the operator.



PRECISION COUNTERSINKING TOOL

ROTARY RATED

RECOMMENDED FOR USE WITH:

Rotary Drills
Magnet Drills
Pillar Drills

CAN ALSO BE USED WITH:

SDS+ Adapter
Extension Arbor



ADAPTERS



Use with any standard drill chuck
Magnet Drill Adapter
VersaDrive Impact Adapters
SDS+ Adapter
Extension - 300mm

111035-01 Page 13
111026-014A & 111130-012A Page 12
112010-01 Page 13
111010-0002 Page 14

Quick Guide

- Optimum life and performance when used with rotary pistol drills or drill presses
- Up to 16.5mm can be used on impact wrench & impact drivers for fast cutting performance
- Suitable for harder materials such as stainless steel when used at reduced RPM
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on page 99 for more details and RPM information



Metric - 90° Angle

Part No	D Ø mm	Ø d1 mm	I1 mm	L mm	Countersunk Screw	Point Angle	RSP £	10 Pack RSP
603060-0063	6.3mm	1.5	17	45	M3	90°	E13.65	E129.70
603060-0083	8.3mm	2.0	22	50	M4	90°	E17.90	E170.05
603060-0104	10.4mm	2.5	22	50	M5	90°	E21.35	E202.85
603060-0124	12.4mm	2.8	28	56	M6	90°	E27.10	E257.45
603060-0165	16.5mm	3.2	32	60	M8	90°	E31.15	E295.95
603060-0205	20.5mm	3.5	35	63	M10	90°	E37.10	E352.45
603060-0250	25mm	3.8	39	67	M12	90°	E46.60	E442.70
603060-0310	31mm	4.2	43	71	M16	90°	E55.30	E525.35

Inch - 82° Angle

NEW Part No	D Ø "	Ø d1 "	I1 "	L "	Point Angle	RSP £	10 Pack RSP
603065-0100	1/4"	1/16	7/64	1-27/32	82°	E15.05	E143.00
603065-0200	3/8"	7/64	5/32	2-3/64	82°	E23.50	E223.25
603065-0300	1/2"	7/64	7/32	2-9/32	82°	E29.80	E283.10
603065-0400	5/8"	1/8	9/32	2-7/16	82°	E34.25	E325.40
603065-0500	3/4"	1/8	11/32	2-9/16	82°	E40.80	E387.60
603065-0600	1"	11/64	31/64	2-23/32	82°	E51.25	E486.90

Countersink Set

Part No:	Set Contents	RSP £	x6 Sets
603060-5SET	Set contains: 12.4, 16.5, 20.5, 25, 31mm VersaDrive 90° Countersink Bits	E191.95	E1,094.15
603065-SET	Set contains: 1/4", 3/8", 1/2", 5/8", 3/4", 1" VersaDrive 82° Countersink Bits	E184.95	E1,054.25

*5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



VersaDrive Cobalt Drills are a premium grade 8% Cobalt drill bit with fully ground flutes, 135° Split point and Titanium coating for faster drilling & reduced wear.

Suitable for heavy fabrication use, this Cobalt drill bit can also be used to drill stainless steel, mild steel, cast iron and a wide range of other structural materials.

VersaDrive Drill Bits have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock adapter for use in a wide range of power tools such as Magnetic Drills.

Fast drilling with minimal kickback

Dual hardened for impact wrench use up to 10mm

Precision Ground Flutes with easy chip clearance

135° Split Point for easy starting and high accuracy

8% Cobalt for long life and endurance

GoldMax low-friction titanium coating to stop burn out

High Strength, Non-Slip Shank Design

HEAVY DUTY COBALT DRILL BITS

ROTARY RATED

RECOMMENDED FOR USE WITH:

Rotary Drills
Magnet Drills

CAN ALSO BE USED WITH:

Impact Wrenches/ Drivers
(4.2 - 10.5mm)
SDS+ Adapter
Extension Arbor

ADAPTERS



Use with any standard drill chuck	Magnet Drill Adapter 111035-01 Page 13	VersaDrive Impact Adapters 111026-014A & 111130-012A Page 12	SDS+ Adapter 112010-01 Page 13	Extension - 300mm 111010-0002 Page 14
-----------------------------------	--	--	--------------------------------------	---

Quick Guide

- Optimum life and performance when used with rotary pistol drills
- Up to 10mm can be used on impact wrench & impact drivers for fast cutting performance
- Suitable for harder materials such as stainless steel when used at reduced RPM
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 91 for more details and RPM information



Part No	Ø D mm	Tap Size (Metric Coarse)	Fitted Length in Magnet Drill Adapter	RSP £	10 Pack RSP
209010-0042	4.2mm	M5	98mm	£9.90	£94.05
209010-0050	5.0mm	M6	98mm	£10.70	£101.65
209010-0055	5.5mm	-	98mm	£12.45	£118.30
209010-0060	6.0mm	-	98mm	£13.35	£126.85
209010-0065	6.5mm	-	98mm	£13.55	£128.75
209010-0068	6.8mm	M8	98mm	£13.85	£131.60
209010-0070	7.0mm	-	98mm	£14.75	£140.15
209010-0075	7.5mm	-	98mm	£15.15	£143.95
209010-0080	8.0mm	-	98mm	£15.35	£145.85
209010-0085	8.5mm	M10	98mm	£16.15	£153.45
209010-0090	9.0mm	-	98mm	£16.35	£155.35
209010-0095	9.5mm	-	98mm	£17.05	£162.00
209010-0100	10mm	-	98mm	£17.55	£166.75
209010-0102	10.2mm	M12	98mm	£17.70	£168.15
209010-0105	10.5mm	-	98mm	£18.80	£178.60
209010-0115	11.5mm	-	98mm	£20.20	£191.90
209010-0120	12mm	M14	98mm	£21.15	£200.95
209010-0125	12.5mm	-	98mm	£22.65	£215.20
209010-0130	13mm	-	98mm	£23.95	£227.55

VersaDrive Drill Bit Sets

Part No	Contents	£ RSP	x6 Sets
209010-SET1	4 Piece VersaDrive Drill Bit Set contains: 6.0, 8.0, 10.0, 12.0mm	£68.05	£387.90
209010-SET2	4 Piece VersaDrive Drill Bit Set contains: 5.0, 6.8, 8.5, 10.2mm	£59.70	£340.30
209010-SET3	7 Piece VersaDrive Drill Bit Set contains: 5.0, 6.0, 6.8, 8.0, 8.5, 10, 10.2mm	£108.20	£616.75

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



VersaDrive Blacksmith Drill Bits are a premium grade 8% Cobalt drill bit with fully ground flutes, 135° Split point and Titanium coating for faster drilling & reduced wear.

Suitable for heavy fabrication use, this Blacksmith drill bit can also be used to drill stainless steel, mild steel, cast iron and a wide range of other structural materials.

VersaDrive Drill Bits have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock adapter for use in a wide range of power tools such as Magnetic Drills.

- Fast drilling with minimal kickback
- Precision Ground Flutes with easy chip clearance
- 135° Split Point for easy starting and high accuracy
- 8% Cobalt for long life and endurance
- GoldMax low-friction titanium coating to stop burn out
- High Strength, Non-Slip Shank Design

HEAVY DUTY COBALT DRILL BITS

ROTARY RATED

RECOMMENDED FOR USE WITH:

Rotary Drills
Magnet Drills
Multisink

CAN ALSO BE USED WITH:

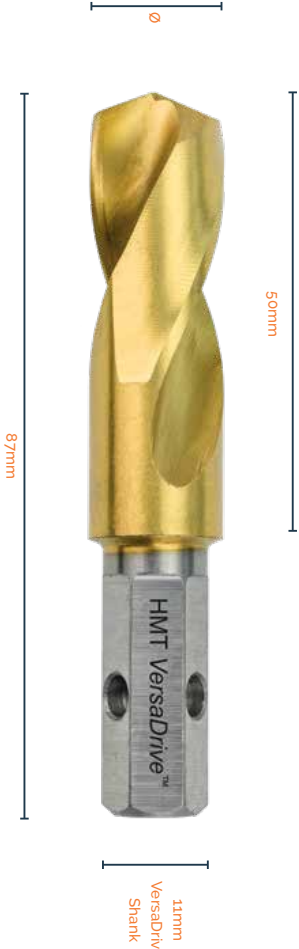
SDS+ Adapter
Extension Arbor

ADAPTERS

				
Use with any standard drill chuck	Magnet Drill Adapter 111035-01 Page 13	Multisink 601050- Page 50	SDS+ Adapter 112010-01 Page 13	Extension - 300mm 111010-0002 Page 14

Quick Guide

- Optimum life and performance when used with rotary pistol drills
- Not recommended for impact wrench or impact driver use as low RPM is required
- Suitable for harder materials such as stainless steel when used at reduced RPM
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 91 for more details and RPM information



Part No	Ø D mm	Tap Size (Metric Coarse)	Total Length in Magnet Drill Adapter	RSP £	10 Pack RSP
209010-0140	14mm	M16	98mm	£29.70	£282.15
209010-0160	16mm	-	98mm	£32.75	£311.15
209010-0180	18mm	-	98mm	£37.80	£341.55
209010-0200	20mm	-	98mm	£40.50	£359.10
209010-0210	21mm	M24	98mm	£47.10	£384.75
209010-0220	22mm	-	98mm	£51.10	£447.45

Blacksmith Drill Bit Set

Part No:	Set Contents	RSP £	x6 Sets
209010-SET4	7 Piece VersaDrive Drill Bit Set contains: 12, 13, 14, 16, 18, 20, 22mm	£228.15	£1,300.50

*5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



TCT HOLECUTTER[®]

TUNGSTEN CARBIDE TECHNOLOGY

VersaDrive TCT HoleCutters offer a fast, efficient and cost effective holemaking solution that outperform and outlast traditional HSS holesaws by up to 10 times!

Highly versatile and perfect for heavy duty applications VersaDrive HoleCutters are compatible with the VersaDrive system of extensions and adapters and feature cutting teeth manufactured from premium-grade Tungsten Carbide, one of the strongest materials for cutting tools. This ensures the highest levels of performance and durability, with faster cuts and increased life spans.

A complete hole cutting solution, the range offers Standard HoleCutters alongside product innovations like Superlong HoleCutters & Rebar Cutters.



THE RANGE

THE COMPLETE SOLUTION

VersaDrive HoleCutters offer the widest range of hole cutting solutions on the market.

Our flagship TCT HoleCutter is the ideal choice for inaccessible and heavy duty holemaking challenges.

It can also be combined with the HMT exclusive multisink system allowing you to broach and countersink in one pass.

For specialist jobs that require extended reach our innovative new Superlong HoleCutters are the only product on the market that offer a reach of 300mm without requiring an additional extension. Meanwhile the VersaDrive Rebar Cutter offers a solution when rebar or steel plate is encountered in reinforced concrete.

SIZES AVAILABLE

Standard HoleCutter:

Diameter (Ø) : 12mm - 80mm

Cutting Length (L) : 55mm

SuperLong HoleCutter:

Diameter (Ø) : 13mm - 50mm

Cutting Length (L) : 55mm

Total Length: 300mm

Rebar Cutters:

Diameter (Ø) : 13mm - 50mm

Cutting Length (L) : 55mm

Total Length: 275mm

REPLACING MAGNET DRILLS

Many steel erectors and fabricators tell us that they are able to replace heavy and awkward magnetic drills with a standard cordless drill fitted with a VersaDrive hole cutter.

This means:

No risk of a heavy magnet drill falling from height

Quick to position and drill

Carry less equipment

TCT HOLECUTTER



RAPID-LOCK SHANK

VersaDrive Hex shank fits all standard drill chucks. Rapid-lock adapters and extension arbors, offering the greatest flexibility & applications from a single tool.

TUNGSTEN CARBIDE TEETH

Premium grade Sandvik Tungsten carbide teeth for the highest performance cutting & 10x greater life than standard holesaws.

SPRING LOADED PILOT DRILL

Centres and stabilises cutter during drilling & ejects metal slug upon completion

1 HOLECUTTER - 3 SOLUTIONS

HEAVY DUTY HOLECUTTER

For use in many construction materials, especially structural steel.



Heavy Duty Hole Cutter

BROACH CUTTER

Quickly adapted to become a magnet drill broach cutter.*



Adapt to Broach Cutter

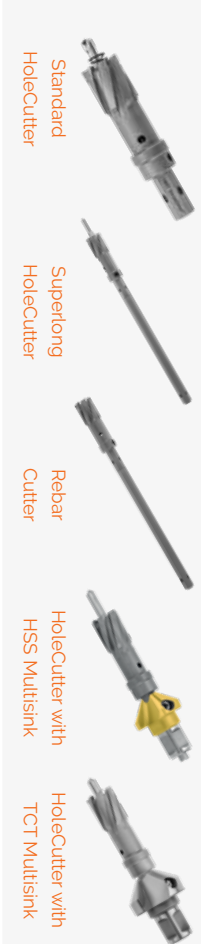
MULTISINK

Quickly adapted to become a broaching cutter for the Multisink system.*



Adapt to Multisink

Hole cutter products available



Standard HoleCutter

Superlong HoleCutter

Rebar Cutter

HoleCutter with HSS Multisink

HoleCutter with TCT Multisink

*When using with a magnet drill adapter or multisink tool replace supplied pilot drill with 101030P-0003 ejector pin

VersaDrive TCT Holecutters are a high performance solution for cutting larger diameter holes quickly and effectively. Premium grade Tungsten carbide teeth provide ultimate cutting performance in a wide range of Structural steels including Stainless Steel and Cast Iron.

These are rapidly becoming the go-to, alternative solution for fabricators and steel erectors needing to drill through heavy steel in locations and on projects where a rotary drill is more convenient and possibly safer than a Magnetic drill.

VersaDrive TCT Holecutters have a patented non-slip, Hex shank suitable for use in any standard 1/2" drill chuck for cordless or pistol drills or used with a VersaDrive Rapid Lock adapter for use in a wide range of power tools such as Magnetic Drills.

- Massive 70mm reach with 55mm depth of cut
- Premium quality Tungsten Carbide teeth
- Perfect for drilling heavy steel in remote locations.
- High strength, non-slip shank design.
- Use in standard 1/2" drill chuck or with magnet drill adapter
- One piece design includes arbor & (replaceable) pilot drill
- Combine with the multisink tool to broach & countersink in one operation

10X LONGER LIFE THAN STANDARD HOLESAWS

ROTARY RATED

RECOMMENDED FOR USE WITH:

Rotary Drills
Magnet Drills
HMT Multisink
Pillar Drills

CAN ALSO BE USED WITH:

SDS+ Adapter
Extension Arbor

ADAPTERS



Use with any standard 1/2" drill chuck

Magnet Drill Adapter
1110305-01
Page 13

Multisink Tool
604050
Page 50

SDS+ Adapter
112010-01
Page 13

Extension - 300mm
1110110-0002
Page 14

Quick Guide

- Optimum life and performance when used with rotary pistol drills
- Good results can be achieved with SDS Drills when used in Rotary Only mode
- Replace supplied pilot drill with 101030P-0003 ejector pin for use with a Magnet Drill or Multisink
- Suitable for use on Stainless Steel
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 89 for more details and RPM information



Part No	Ø D mm	Ø D Inch	Tap Size (Metric Coarse)	RSP Each £	10 Pack RSP
101030-0120	12mm		M14	£35.40	£336.30
101030-0130	13mm		-	£35.75	£339.65
101030-0140	14mm	9/16"	M16	£35.95	£341.55
101030-0150	15mm		-	£36.15	£343.45
101030-0160	16mm	5/8"	-	£37.20	£353.40
101030-0170	17mm	11/16"	-	£37.35	£354.85
101030-0175	17.5mm		M20	£37.50	£356.25
101030-0180	18mm		-	£37.50	£356.25
101030-0180	18mm		-	£37.70	£358.15
101030-0200	20mm	3/4"	-	£38.10	£361.95
101030-0210	21mm	13/16"	M24	£38.30	£363.85
101030-0220	22mm	7/8"	-	£38.65	£367.20
101030-0230	23mm		-	£40.30	£382.85
101030-0240	24mm	15/16"	M27	£40.50	£385.70
101030-0250	25mm	1"	-	£43.55	£413.75
101030-0260	26mm		-	£46.40	£440.80
101030-0270	27mm	1-1/16"	-	£49.10	£466.45
101030-0280	28mm		-	£52.35	£497.35
101030-0290	29mm	1-1/8"	-	£53.65	£509.70
101030-0300	30mm	1-3/16"	-	£54.10	£513.95
101030-0310	31mm		-	£55.10	£523.45
101030-0320	32mm	1-1/4"	M36	£56.05	£532.50
101030-0330	33mm	1-5/16"	-	£57.60	£547.20
101030-0340	34mm		-	£62.10	£589.95
101030-0350	35mm	11/3-8"	-	£66.80	£634.60
101030-0360	36mm		-	£72.35	£687.35

TCT HoleCutter Sets

Part No	Contents	RSP £	x6 Sets RSP
101030-SET1	3 piece Set: 14, 18, 22mm Holecutters	£102.05	£581.70
101030-SET2	5 piece Set: 14, 17, 18, 21, 22mm Holecutters	£140.75	£802.30

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

Part No	Ø D mm	Ø D Inch	RSP Each £	10 Pack RSP
101030-0370	37mm	1-7/16"	£72.70	£690.65
101030-0380	38mm	1-1/2"	£74.55	£708.25
101030-0390	39mm	1-9/16"	£75.80	£720.10
101030-0400	40mm		£76.20	£723.90
101030-0410	41mm	1-5/8"	£77.15	£732.95
101030-0420	42mm		£77.90	£740.05
101030-0430	43mm	1-11/16"	£78.25	£743.40
101030-0440	44mm	1-3/4"	£78.80	£748.60
101030-0450	45mm		£79.45	£754.80
101030-0460	46mm	1-13/16"	£79.85	£758.60
101030-0470	47mm		£80.55	£765.25
101030-0480	48mm	1-7/8"	£81.35	£772.85
101030-0490	49mm		£82.25	£778.10
101030-0500	50mm	2"	£83.25	£790.90
101030-0510	51mm		£86.00	£817.00
101030-0520	52mm	2-1/16"	£88.65	£842.20
101030-0550	55mm	2-5/32"	£91.50	£869.25
101030-0600	60mm	2-3/8"	£94.30	£895.85
101030-0650	65mm	2-9/16"	£100.50	£954.75
101030-0700	70mm	2-3/4"	£106.30	£1,009.85
101030-0750	75mm		£111.95	£1,063.55
101030-0800	80mm	3-5/32"	£116.35	£1,124.35

Pilot Drill Bits & Pilot Pins

Part No	Contents	£ RSP	10 Pack RSP
101030P-0001			
101030P-0130	HoleCutter Pilot Drill for 12 & 13mm Holecutters - Pack of 2 (Supplied WITH/OUT Ejection Spring)	£14.20	£134.90
101030P-0001	HoleCutter Pilot Drill for 14-80mm Holecutters Pack of 2 (Supplied WITH ejection spring)	£14.20	£134.90
101030P-0003	VersaDrive HoleCutter Magnet Broaching Multisink Pilot Pin, Pk2	£26.05	£247.50

5% Saving

5% Saving

Long reach version of the popular Carbidemax HoleCutter. Perfect for small diameter drilling through steelwork using a pistol drill where a separate extension isn't practical.

Ideal for applications where a metal plate is encountered amongst wood joists or where both sides of a steel beam require drilling

The fixed pilot pin requires a pre-drilled 1/4" or 6.35mm hole.

- 300mm reach, 50mm depth of cut
- High Strength, non slip shank design
- Fixed extended arbor and pin
- Heavy duty guide pin made from solid tool steel
- Pre-drill pilot holes with 101034-P02 1/4" Pilot Drill Bit
- One piece design includes non-replaceable heavy duty pilot pin
- Combine with other VersaDrive adapters for ultimate flexibility of working

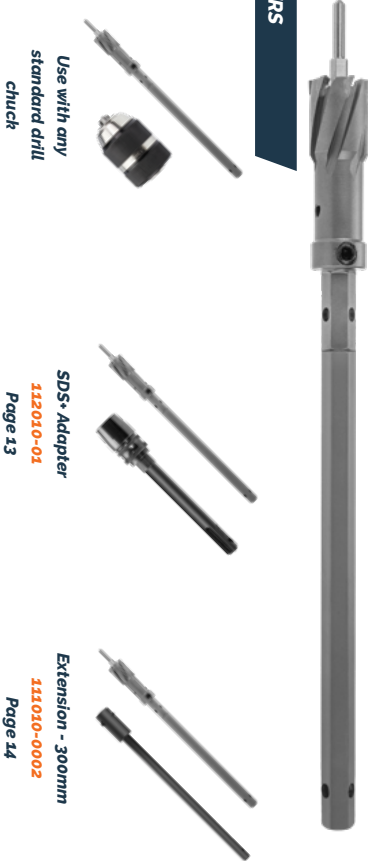
ULTRA LONG CUTTING CAPABILITY

ROTARY RATED

RECOMMENDED FOR USE WITH:

Rotary Drills
Cordless Drills
SDS Drills

ADAPTERS



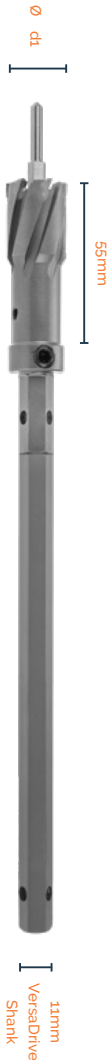
Use with any
standard drill
chuck

SDS+ Adapter
112010-01
Page 13

Extension - 300mm
112010-0002
Page 14

Quick Guide

- Designed to be used with a separate pilot drill, and remove slug between holes
- Optimum life and performance when used with rotary pistol drills
- Good results from SDS Drills when used in Rotary Only mode
- Use appropriate lubrication and correct RPM to achieve long tool life
- Refer to the full technical data sheet on Page 89 for more details and RPM information



NEW	Part No	Ø D mm	Ø D Inch	RSP £	10 Pack RSP	5% Saving
	101034-0130	13mm		£60.80	£577.60	
	101034-0140	14mm	9/16"	£61.20	£581.40	
	101034-0160	16mm	5/8"	£63.40	£602.30	
	101034-0170	17mm	11/16"	£63.60	£604.20	
	101034-0180	18mm		£63.80	£606.10	
	101034-0190	19mm	3/4"	£64.20	£609.90	
	101034-0200	20mm		£64.60	£615.60	
	101034-0210	21mm	13/16"	£65.20	£619.40	
	101034-0220	22mm	7/8"	£65.80	£625.10	
	101034-0230	23mm		£69.10	£656.45	
	101034-0240	24mm	15/16"	£69.70	£662.15	
	101034-0250	25mm	1"	£74.20	£704.90	
	101034-0260	26mm		£78.95	£750.05	

TCT SuperLong HoleCutter Sets

Part No	Contents	£ RSP	x6 Sets RSP	5% Saving
101034-SET1	14, 18, 22mm VersaDrive SuperLong HoleCutters	£191.00	£1,088.70	
101034-SET2	14, 16, 18, 20, 22mm VersaDrive SuperLong HoleCutters	£319.00	£1,818.30	

Pilot Drill Bits

Part No	Contents	£ RSP	10 Pack RSP	5% Saving
101034-P02	SuperLong Holesaw HSS Pilot Drill Bit 1/4" X 316mm	£24.60	£233.70	

*5% saving applies only when ordered in Multipack quantities
- saving directly applied to price shown



The HMT VersaDrive Rebar Cutter is designed for applications where concrete has steel plate or rebar reinforced areas.

SDS & masonry drills will not effectively create holes through metal. The triple cut CarbideMax teeth are specifically designed for effective cutting of metal. When a hole is found to contain steel or reinforcement, withdraw the SDS drill and cut through the steel with the rebar cutter, then continue with the SDS drilling.

- Fixed extended arbor for deep reach
- High strength, non slip shank design
- Use with lubricant for best results
- Unplugged cutter located by existing holes
- Remove concrete debris from the hole to achieve the best tool life

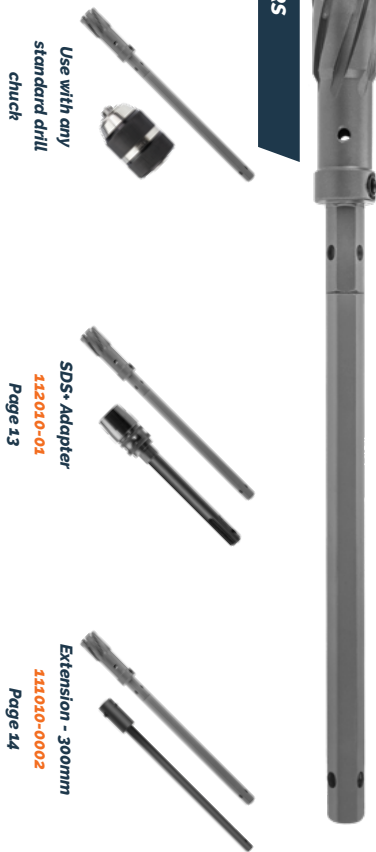
FAST AND EFFECTIVE REBAR CUTTING

ROTARY RATED

RECOMMENDED FOR USE WITH:

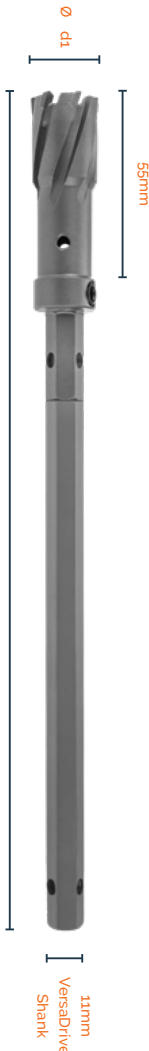
Rotary Drills
SDS Drills

ADAPTERS



Quick Guide

- Must be used with Hammer/Impact turned off
- Optimum life and performance when used with rotary pistol drills
- Good results from SDS Drills when used in Rotary Only mode
- Do not attempt to drill concrete or masonry with the rebar cutter as this will blunt the teeth.
- Refer to the full technical data sheet on page 89 for more details and RPM information



NEW	Part No	Ø D mm	Ø D Inch	RSP £	10 Pack RSP	5% Saving*
	101032-0130	13mm		£57.50	£546.25	
	101032-0140	14mm	9/16"	£59.80	£568.10	
	101032-0160	16mm	5/8"	£59.90	£569.05	
	101032-0180	18mm		£60.10	£570.95	
	101032-0200	20mm		£61.20	£581.40	
	101032-0220	22mm	7/8"	£62.90	£597.55	
	101032-0240	24mm	15/16"	£65.10	£618.45	
	101032-0250	25mm	1"	£66.70	£662.15	
	101032-0260	26mm		£74.30	£705.85	
	101032-0280	28mm		£83.75	£795.65	
	101032-0300	30mm	1-3/16"	£86.60	£822.70	
	101032-0320	32mm	1-1/4"	£89.70	£852.15	
	101032-0340	34mm		£94.50	£897.75	
	101032-0350	35mm	1-3/8"	£106.80	£1,014.60	
	101032-0360	36mm		£115.70	£1,099.15	
	101032-0380	38mm	1-1/2"	£119.20	£1,132.40	
	101032-0400	40mm	1-9/16"	£121.80	£1,157.10	
	101032-0450	45mm		£126.10	£1,197.95	
	101032-0500	50mm		£133.20	£1,265.40	

TCT Rebar Cutter Sets

Part No	Contents	£ RSP	x8 Sets RSP	5% Saving*
101032-SET1	14, 18, 22mm VersaDrive Rebar Cutters Includes SDS+ Adapter	£179.00	£1,020.30	
101032-SET2	14, 16, 18, 20, 22mm VersaDrive Rebar Cutters Includes SDS+ Adapter	£295.00	£1,681.50	

3% saving applies only when ordered in Multiple quantities
- saving already applied to price shown



The HSS Multisink System

The Multisink™ is a worldwide unique new Combination Countersinking Tool designed and developed by HMT for use with Magnetic Drills.

The tool allows the user to combine the multisink with the VersaDrive product range to Broach & Countersink, Drill & Countersink, Tap & Countersink or even Drill, Tap & Countersink in one operation - providing huge time-saving benefits.

- Innovative Combination Countersinking Tool.
- Save Time Completing Countersunk Holes.
- GoldMax low-friction titanium coating to stop burn-out.
- Broach & Countersink in one operation.
- Drill & Countersink in one operation.
- Tap & Countersink in one operation.
- Drill-Tap & Countersink in one operation.

INNOVATIVE COMBINATION COUNTERSINKING TOOL

RECOMMENDED FOR USE WITH:

Magnet Drills

CAN ALSO BE USED WITH:

Pillar Drills
Radial Arm Drills



Piloted Countersink **Broach & Countersink** **Drill & Countersink** **Tap & Countersink** **Drill, Tap & Countersink**

In one operation *In one operation* *In one operation* *In one operation* *In one operation*

14-26mm **14-22mm** **M16-M24** **M16-M24**

Quick Guide

- To Tap & Countersink or Drill, Tap and Countersink requires a Magnet Drill with variable speed and reverse features.
- For predrilled holes the Multisink should always be used with a pilot to avoid damage
- When used to drill or broach & countersink it is important to use the correct RPM for each separate operation
- When used for multiple operations eg Drill/Tap/Countersink, the correct RPM should be used for each separate operation
- Refer to the full technical data sheets at the back of the brochure for more details and RPM information



Use with HMT series Magnet Drills

Reduce Speed for Countersinking



HSS Multisink Kit - Order the HSS Multisink, as a Kit complete with HoleCutter & Pilot Pin - ready to use

Part No	d1 Ø	£ RSP
601050-SET4014	40mm HSS Multisink with 14mm HoleCutter	£122.00
601050-SET4018	40mm HSS Multisink with 18mm HoleCutter	£125.00
601050-SET4022	40mm HSS Multisink with 22mm HoleCutter	£130.00
601050-SET5518	55mm HSS Multisink with 18mm HoleCutter	£138.00
601050-SET5522	55mm HSS Multisink with 22mm HoleCutter	£142.00
601050-SET5526	55mm HSS Multisink with 26mm HoleCutter	£146.00

Other HoleCutter size combinations available to order - see Page 45
Minimum suitable HoleCutter size is 14mm

The HSS Multisink Tool

Part No	D Ø mm	Ø d2 mm	L mm	Point Angle	Shank mm	£ RSP	10 Pack RSP
601050-0400	40mm	14mm	100mm	90°	19.05mm / 3/4"	£94.75	£900.15
601050-0550	55mm	14mm	109mm	90°	19.05mm / 3/4"	£117.15	£1,112.95

Multisink Pilot

For countersinking bolt holes from 14-26mm diameter. Use Multisink with variable speed magnet drill. The speed must be reduced when countersinking.

Part No	d1 Ø	length mm	Shank mm	£ RSP	10 Pack RSP
601050-0140	14mm	52	11.0	£11.70	£111.15
601050-0160	16mm	52	11.0	£12.05	£114.50
601050-0180	18mm	52	11.0	£12.55	£119.25
601050-0200	20mm	52	11.0	£12.80	£121.60
601050-0220	22mm	52	11.0	£15.35	£145.85
601050-0240	24mm	52	11.0	£15.75	£149.65
601050-0260	26mm	52	11.0	£19.05	£181.00

Multisink Ejector Pilot Pin

For use with VersaDrive HoleCutters

Part No	d1 Ø	l1 mm	Unit of sale	£ RSP	10 Pack RSP
101030P-0003	6.35	145	Pack 2	£26.05	£247.50

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

The CarbideMax Multisink Tool is the Tungsten Carbide Tipped version of the unique HMT combination countersinking tool. Specifically designed for countersinking Inox and the hardest structural steels.

The tool allows the user to combine the multisink with the VersaDrive product range to Broach & Countersink, Drill & Countersink, Tap & Countersink or even Drill, Tap & Countersink in one operation - providing huge time-saving benefits.

- Innovative Combination Countersinking Tool
- Save Time Completing Countersunk Holes
- Broach & Countersink in one operation
- Drill & Countersink in one operation
- Tap & Countersink in one operation
- Drill-Tap & Countersink in one operation
- Designed for Inox and the hardest structural steels

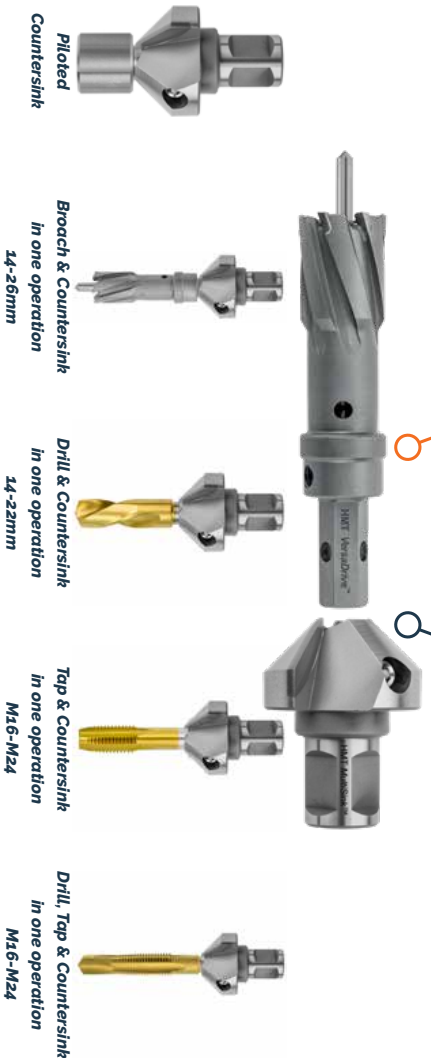
INNOVATIVE COMBINATION COUNTERSINKING TOOL

RECOMMENDED FOR USE WITH:

Magnet Drills

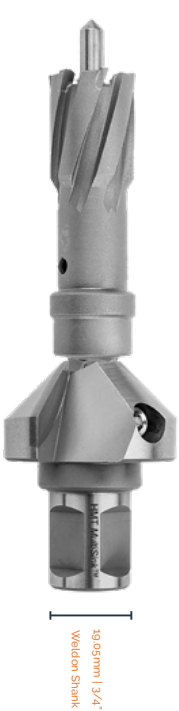
CAN ALSO BE USED WITH:

Pillar Drills
Radial Arm Drills



Quick Guide

- To Tap & Countersink or Drill, Tap and Countersink requires a Magnet Drill with variable speed and reverse features.
- For predrilled holes the Multisink should always be used with a pilot to avoid damage
- When using to drill or broach & countersink it is important to use the correct RPM for each separate operation
- When used for multiple operations eg Drill/Tap/Countersink, the correct RPM should be used for each separate operation
- Refer to the full technical data sheets at the back of the brochure for more details and RPM information



TCT Multisink Kit -

Order the TCT Multisink, as a kit complete with HoleCutter & Pilot Pin - ready to use

Part No	d1 Ø	£ RSP
601055-SET4014	40mm TCT Multisink with 14mm HoleCutter	£206.15
601055-SET4018	40mm TCT Multisink with 18mm HoleCutter	£207.65
601055-SET4022	40mm TCT Multisink with 22mm HoleCutter	£208.70
601055-SET5518	55mm TCT Multisink with 18mm HoleCutter	£237.85
601055-SET5522	55mm TCT Multisink with 22mm HoleCutter	£239.00
601055-SET5526	55mm TCT Multisink with 26mm HoleCutter	£246.35

Other HoleCutter size combinations available to order - see Page 45
Minimum suitable HoleCutter size is 14mm

CarbideMax TCT Multisink

Part No	D Ø	Ø d2	L	Point Angle	Shank mm	£ RSP	10 Pack RSP
601055-0400	40mm	14mm	100mm	90°	19.05mm / 3/4"	£168.05	£1,586.50
601055-0550	55mm	14mm	109mm	90°	19.05mm / 3/4"	£219.90	£2,089.05

Multisink Pilot

For countersinking bolt holes from 14-26mm diameter. Use Multisink with variable speed magnet drill. The speed must be reduced when countersinking.

Part No	d1 Ø	length mm	Shank mm	£ RSP	10 Pack RSP
601050-0140	14mm	52	11.0	£111.70	£111.15
601050-0160	16mm	52	11.0	£112.05	£114.50
601050-0180	18mm	52	11.0	£112.55	£119.25
601050-0200	20mm	52	11.0	£112.80	£121.60
601050-0220	22mm	52	11.0	£115.35	£145.85
601050-0240	24mm	52	11.0	£115.75	£149.65
601050-0260	26mm	52	11.0	£119.05	£181.00

Multisink Ejector Pilot Pin

For use with VersaDrive HoleCutter

Part No	d1 Ø	l1 mm	Unit of sale	£ RSP	10 Pack RSP
101030P-0003	6.35	145	Pack 2	£26.05	£247.50

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

HMT MAX Magnet Drill Range for Broaching

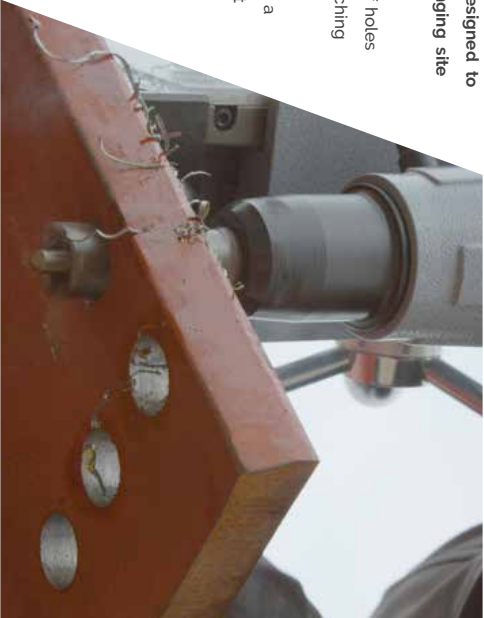
The established MAX range of magnet drills is designed to fill the need for robust broaching units for challenging site applications.

The units are optimised to give maximum number of holes at a high cutting speed using Carbidemax TCT Broaching cutters.

The tiny size of the RTQ40 and MAX30 gives them a leading position for on site applications where tight access to steelwork is required.

The MAX40 is a robust mid range performer for workshop or site use.

The MAX200 stands in a class of its own for large diameter broaching and countersinking work where extreme power and performance is required.



RTQ40



MAX30



MAX40



MAX200

Model	Max Cutter Diameter	Taper	Weight (kg)	Stroke	Drilling	Tapping
RTQ40	40mm	N/A	11.5kg	40mm	13mm	N/A
MAX30	30mm	N/A	8.5kg	90mm	13mm	N/A
MAX40	40mm	N/A	11.5kg	100mm	18mm	N/A
MAX200	200mm	MT4	53kg	280mm	50mm	N/A

VersaDrive Magnet Drill Range with Tapping Function

Much more than just a magnet drill.

The new and unique VersaDrive range of magnet drills is designed and built by the expert HMT team, in our Sheffield factory, to the highest standards.

Powered by the legendary Elbersstock motors & combined with the patented VersaDrive modular tooling system this range of portable drilling machines is like nothing else on the market.

Variable speed, variable torque and forward/reverse as standard provides the maximum consumable life and performance for all kinds of broaching, drilling, threading & countersinking applications.

2 YEAR WARRANTY

UK Built 



V60T



V85T



V100T



V125T

Model	Max Cutter Diameter	Taper	Weight (kg)	Stroke	Drilling	Tapping	Countersinking
V60T	60mm	MT2	18kg	220mm	20mm	M20	40mm
V85T	85mm	MT3	20.5kg	220mm	27mm	M27	55mm
V100T	100mm	MT3	24.5kg	280mm	30mm	M30	55mm
V125T	125mm	MT3	25kg	280mm	32mm	M32	65mm

MAX30 Magnet Drill

MAX40 Magnet Drill



Metal guard system supplied as part of a comprehensive kit package



Technical Specifications

CUTTER SIZE RANGE	12 - 30 mm
MAX CUTTER LENGTH	65mm
TWIST DRILL RANGE	5 - 13 mm
LENGTH	275 mm
WIDTH INC HANDLES	170 mm
HEIGHT	293 - 383 mm
STROKE	90 mm
WEIGHT	8,5 kg
MAGNET (L x W)	160 x 80 mm
MAGNETIC FORCE	1200 kg
MOTOR POWER	900 W
SPEED (No Load)	775 RPM
SPINDLE	19,05 mm (¾") Weldon
TAKES CHUCK	No
COOLANT SYSTEM	Removable
WARRANTY	1 Year

At just 8,5kg, the Max-30 is the lightest magnetic drill available and probably the most compact. With a powerful 900 Watt high speed motor which is perfectly optimised for broaching the most common structural sizes of 12-30mm, particularly when used with CarbideMax™ TCT Cutters. Very precise and stable cut due to the direct rack and slide design.

Perfect for sitework situations as 8,5kg is a simple one hand lift. **25% lighter than most competitors.**

Each machine comes in a robust plastic site carrying case with foam inserts to protect the machine and accessories. Free accessory pack contains: removable internal coolant system, bottle of broaching lubricant, safety pack with gloves, specs, ear plugs, removable metal guard, safety chain, 4 hex keys.

THE MARKET LEADING INDUSTRIAL COMPACT MAGNET DRILL.

Part No	Contents	Volt	List Price
803019-110	HMT MAX30 Magnet Drill Kit	110v	£459.00
803019-230	HMT MAX30 Magnet Drill Kit	230v	£459.00



Metal guard system available. Order separately.



Technical Specifications

CUTTER SIZE RANGE	12-40mm
MAX CUTTER LENGTH	80mm
TWIST DRILL RANGE	4,2-18mm
COUNTERSINKING	N/A
LENGTH	270mm
WIDTH INC HANDLES	165mm
HEIGHT	330-430mm
STROKE	100mm
WEIGHT	11,5 Kg
MAGNET SIZE (L x W)	80x60mm
MAGNETIC FORCE	800 Kg
MOTOR POWER	1050 W
SPEED (No Load)	800 RPM
SPINDLE	19,05mm (3/4") Weldon
TAKES CHUCK	No
COOLANT SYSTEM	Removable
WARRANTY	1 Year

The new MAX40 magnet drill is a robust yet portable unit, with a powerful single speed motor for structural broaching and drilling work

Designed as a mid range unit where power and portability is needed, the MAX40 is optimised for fast broaching with CarbideMax TCT cutters in 40, 55, and 80mm lengths, and works superbly with the Versadrive twist drill bits from 4,2 - 18mm

Each machine comes in a plastic site carrying case, moulded to protect the machine and accessories. Free accessory pack contains: removable internal coolant system, sliding guard system, safety chain, handles, hex keys.

POWERFUL & STABLE BROACHING UNIT WITH TWIST DRILLING CAPACITY. SIMPLE AND ROBUST FOR SITE OR WORKSHOP USE

VersaDrive V60T Magnet Drill



Metal guard system supplied as part of a comprehensive kit package

UK Built 

Technical Specifications

CUTTER SIZE RANGE	12 - 60mm TCT
MAX CUTTER CAPACITY	60mm TCT
TWIST DRILL CAPACITY	20mm
MAX TAP CAPACITY	M20
LENGTH	315mm
WIDTH (Inc Handles)	220mm
HEIGHT (Min-Max)	385 - 605mm
STROKE	220mm
WEIGHT	18 kg
MAGNET (L X W)	200 x 100mm
MAGNETIC ADHESION	1750 kgs
MOTOR POWER	1150w
TOTAL POWER	1270w
SPEED RPM (No Load)	100 - 250 / 180 - 450
SPINDLE	MT2
ARBOR	19.05 mm (¾") Weldon
TAKES CHUCK	Yes
COOLANT SYSTEM	Gravity Oil Fed
WARRANTY	2 Year

Part No	Contents	List Price
850060-S	HMT V60T VersaDrive Magnetic Drill Standard Kit	£1,175.00
850060-P	HMT V60T VersaDrive Magnetic Drill Pro Kit	£1,270.00

Please specify 110V or 230V

VersaDrive V85T Magnet Drill



Metal guard system supplied as part of a comprehensive kit package

UK Built 

Technical Specifications

CUTTER SIZE RANGE	12 - 85mm TCT
MAX CUTTER CAPACITY	85mm TCT
TWIST DRILL CAPACITY	27mm
MAX TAP CAPACITY	M27
LENGTH	325mm
WIDTH (Inc Handles)	240mm
HEIGHT (Min-Max)	425 - 645mm
STROKE	220mm
WEIGHT	20.5 kg
MAGNET (L X W)	200 x 100mm
MAGNETIC ADHESION	1750 kgs
MOTOR POWER	1800w
TOTAL POWER	1920w
SPEED RPM (No Load)	60 - 140 / 200 - 470
SPINDLE	MT3
ARBOR	19.05 mm (¾") Weldon
TAKES CHUCK	Yes
COOLANT SYSTEM	Gravity Oil Fed
WARRANTY	2 Year

Part No	Contents	List Price
850085-S	HMT V85T VersaDrive Magnetic Drill Standard Kit	£1,350.00
850085-P	HMT V85T VersaDrive Magnetic Drill Pro Kit	£1,445.00

Please specify 110V or 230V



The HMT VersaDrive V60T is the first UK Built portable drilling machine range designed for the 21st century, designed to meet a need in the market for a high-performance, low-maintenance, industrial quality portable drilling unit and to deliver constant performance in the most challenging drilling environments and fabrication conditions.

Combining light weight and portability with a high power all-day broaching capability up to 60mm diameter is combined with a forward reverse, variable speed motor that will tap holes up to M20 diameter. Fully rated for reaming, countersinking, and tapping. Advanced British electromagnets provide enhanced magnet hold for exceptional safety and stability.

Standard Kit: supplied with handles, heavy duty metal sliding guard system, MT2 broaching arbor, VersaDrive arbor.

Pro Kit: As above plus heavy duty waterproof, shock-resistant site case and gravity fed coolant system.

MARKET LEADING PERFORMANCE



The HMT VersaDrive V85T is the first UK Built portable drilling machine range designed for the 21st century, designed to meet a need in the market for a high-performance, low-maintenance, industrial quality portable drilling unit and to deliver constant performance in the most challenging drilling environments and fabrication conditions.

Combining light weight and portability with a high power all-day broaching capability up to 85mm diameter is combined with a forward reverse, variable speed motor that will tap holes up to M27 diameter. Fully rated for reaming, countersinking, and tapping. Advanced British electromagnets provide enhanced magnet hold for exceptional safety and stability.

Standard Kit: supplied with handles, heavy duty metal sliding guard system, MT3 broaching arbor, VersaDrive arbor.

Pro Kit: As above plus heavy duty waterproof, shock-resistant site case and gravity fed coolant system.

MARKET LEADING PERFORMANCE

VersaDrive V100T Magnet Drill



Metal guard system supplied as part of a comprehensive kit package

UK Built 

Technical Specifications

CUTTER SIZE RANGE	12 - 100mm TCT
MAX CUTTER CAPACITY	100mm TCT
TWIST DRILL CAPACITY	32mm
MAX TAP CAPACITY	M30
LENGTH	345mm
WIDTH (Inc Handles)	240mm
HEIGHT (Min-Max)	450 - 730mm
STROKE	280mm
WEIGHT	24.5 kg
MAGNET (L X W)	220 x 115mm
MAGNETIC ADHESION	2200 kgs
MOTOR POWER	1800w
TOTAL POWER	1900w
SPEED RPM (No Load)	60 - 140 / 200 - 470
SPINDLE	MT3
ARBOR	19.05 mm (¾") Weldon
TAKES CHUCK	Yes
COOLANT SYSTEM	Gravity Oil Fed
WARRANTY	2 Year

Part No	Contents	List Price
850100-S	HMT V100T VersaDrive Magnetic Drill Standard Kit	£1,495.00
850100-P	HMT V100T VersaDrive Magnetic Drill Pro Kit	£1,590.00

Please specify 110V or 230V

MARKET LEADING PERFORMANCE

VersaDrive V125T Magnet Drill



Metal guard system supplied as part of a comprehensive kit package

UK Built 

Technical Specifications

CUTTER SIZE RANGE	12 - 125mm TCT
MAX CUTTER CAPACITY	125mm TCT
TWIST DRILL CAPACITY	32mm
MAX TAP CAPACITY	M32
LENGTH	345mm
WIDTH (Inc Handles)	240mm
HEIGHT (Min-Max)	470 - 750mm
STROKE	280mm
WEIGHT	25 kg
MAGNET (L X W)	220 x 115mm
MAGNETIC ADHESION	2200 kgs
MOTOR POWER	1800w
TOTAL POWER	1900w
SPEED RPM (No Load)	60-140 / 100-220 / 140-310 / 210-490
SPINDLE	MT3
ARBOR	19.05 mm (¾") Weldon
TAKES CHUCK	Yes
COOLANT SYSTEM	Gravity Oil Fed
WARRANTY	2 Year

Part No	Contents	List Price
850125-S	HMT V125T VersaDrive Magnetic Drill Standard Kit	£1,745.00
850125-P	HMT V125T VersaDrive Magnetic Drill Pro Kit	£1,840.00

Please specify 110V or 230V

MARKET LEADING PERFORMANCE



The HMT VersaDrive V100T is the first UK Built portable drilling machine range designed for the 21st century, designed to meet a need in the market for a high-performance, low-maintenance, industrial quality portable drilling unit and to deliver constant performance in the most challenging drilling environments and fabrication conditions.

Combining light weight and portability with a high power all-day broaching capability up to 100mm diameter is combined with a forward reverse, variable speed motor that will tap holes up to M30 diameter. Fully rated for reaming, countersinking, and tapping. Advanced British electromagnets provide enhanced magnet hold for exceptional safety and stability.

In addition to standard through-hole tapping, the V100T can also be used with the VersaDrive blind hole tapping system up to M30 diameter. **Standard Kit:** supplied with handles, heavy duty metal sliding guard system, MT3 broaching arbor, VersaDrive arbor.

Pro Kit: As above plus heavy duty waterproof, shock-resistant site case and gravity fed coolant system.



The HMT VersaDrive V125T is the first UK Built portable drilling machine range designed for the 21st century, designed to meet a need in the market for a high-performance, low-maintenance, industrial quality portable drilling unit and to deliver constant performance in the most challenging drilling environments and fabrication conditions.

Combining light weight and portability with a high power all-day broaching capability up to 125mm diameter is combined with a forward reverse, variable speed motor that will tap holes up to M32 diameter. Fully rated for reaming, countersinking, and tapping. Advanced British electromagnets provide enhanced magnet hold for exceptional safety and stability.

In addition to standard through-hole tapping, the V125T can also be used with the VersaDrive blind hole tapping system up to M30 diameter. **Standard Kit:** supplied with handles, heavy duty metal sliding guard system, MT3 broaching arbor, VersaDrive arbor.

Pro Kit: As above plus heavy duty waterproof, shock-resistant site case and gravity fed coolant system.

RTQ40 Magnet Drill



Integrated lubricant system and feed hose

Technical Specifications

CUTTER SIZE RANGE	12-40mm
MAX CUTTER CAPACITY	40mm
TWIST DRILL CAPACITY	13mm
LENGTH	310mm
WIDTH	135mm
HEIGHT	180mm
STROKE	40mm
WEIGHT	10.8kg
MAGNET (L x W x H)	160x80x37mm
MAGNETIC FORCE	1200kg
MOTOR POWER	1050W
TOTAL POWER	1100W
SPEED RPM (No Load)	700RPM
SPINDLE	1905mm 3/4" Weldon
TAKES CHUCK	No
COOLANT SYSTEM	Gravity Oil Fed
WARRANTY	1 Year

- The new HMT RTQ40 is a low profile Magnet drill for tight access applications, being designed to fit into any space greater than 180mm. Suitable for use with any standard broaching cutters while optimised to work with the high-performance CarbideMax 40 cutters.
- Ratchet drive can be mounted on either side of the machine.
- Powerful motor and magnet gives excellent stability.
- Quick-change 1905mm 3/4" arbor for all standard broaching cutters

Each machine comes in a plastic case with hex keys, safety strap, ratchet and removable coolant system

IDEAL FOR TIGHT ACCESS APPLICATIONS

Part No	Contents	Volt	List Price
803084-110	HMT RTQ40 Low Profile Magnetic Drill 110V	110v	£889.00
803084-230	HMT RTQ40 Low Profile Magnetic Drill 230V	230v	£889.00

MAX200 Magnet Drill



Compatible with the largest CarbideMax XL broach cutters

Technical Specifications

CUTTER SIZE RANGE	12-200mm
MAX CUTTER LENGTH	200mm
TWIST DRILL RANGE	12-50mm
TAPPING RANGE	N/A
COUNTERSINKING	31-50mm
REAMING	39mm
LENGTH	480mm
WIDTH INC HANDLES	260mm
HEIGHT	660-840mm
STROKE	280mm
WEIGHT	53kg
MAGNET SIZE (L x W)	330x100mm
MAGNETIC FORCE	3900kg
MOTOR POWER	3800W
SPEED RPM (No Load)	11-70-150 2170-410 RPM
SPINDLE	MT4
ARBOR	Weldon XL 32mm 1 1/4"
TAKES CHUCK	Yes
WARRANTY	1 Year

- The Ultimate Magnetic Drill for the largest possible broaching, drilling and Countersinking tasks. Fantastic power and magnetic adhesion make this Mag Drill a world beater for heavy duty engineering tasks.
- Designed for heavy portable engineering works
- Huge Power 3800 Watt Motor
- High precision Twin column slideaway system
- Up to 200mm Broach Capacity

Each machine comes in a metal, heavy duty, wheeled case with MT4 broaching arbor, hex keys, safety strap and internal coolant system.

HUGE POWER AND MAGNET HOLD TO MAKE LIGHT WORK OF HEAVY ENGINEERING TASKS

CarbideMax TCT Broach cutters by Holmaker Technology are a new generation of broach cutter proven to more than halve the cost of hole broaching compared with traditional HSS cutters.

CarbideMax TCT cutters also offer a life expectancy up to 10X that of standard HSS cutters and cutting speeds up to 64% faster thanks to their individually brazed Tungsten Carbide cutting teeth and elaborate tool geometry.

This specialist construction also results in quieter, easier drilling, with smooth, accurate holes and chatter free performance throughout the cut.

The CarbideMax range - stronger and faster for longer, the ultimate value for money.



THE RANGE

WORLD'S LARGEST STOCKS

HMT hold the world's largest range of available TCT products.

The CarbideMax range also features an expansive selection of sizes, unique products and HMT exclusive lengths.

Sizes available:

Diameter (Ø) : 12mm - 150mm
Cutting Length (L) : 40mm - 200mm

EXTREME DRILLING DEPTH

For the most extreme drilling depths the CarbideMax range offers 150mm & 200mm extra long broach cutters.

With precision drilling flutes and a specially engineered geometry for accurate cutting these cutters come with a standard 19.05mm Weldon shank for use in any magnet drill with sufficient stroke.



XL - ULTRA LARGE DIAMETER

With the requirement for ultra large diameter broaching fast increasing, the CarbideMax-XL™ range offers cutters from 60mm right up to 200mm diameter with 110mm cutting depth as standard. These high quality TCT cutters have a reinforced 32mm diameter shank to withstand the high levels of torque generated.



Sizes available

Ø	12-80mm	12-65mm	12-50mm	14-60mm	18-50mm	18-50mm	65-150mm	16-120mm
L	40mm	55mm	80mm	110mm	150mm	200mm	55mm	110mm

A NEW GENERATION OF LONG-LIFE CUTTER

UP TO 10X LONGER LIFE

Tungsten Carbide is one of the hardest materials available for use in cutting tools. The HMT CarbideMax range uses Premium Grade Sandvik Tungsten Carbide teeth meaning that cutters are capable of drilling through the toughest steels whilst maintaining their strength & cutting surface for up to 10x longer than traditional HSS cutters.

UP TO 64% FASTER CUTS

The elaborate geometry of CarbideMax broach cutters means the teeth of the cutter do all the work. This reduces strain on the tool body and means that a strong but thin flexible alloy can be used for its construction. Thinner walls means CarbideMax tools need to remove less material from the work piece resulting in a faster cut and quieter, easier drilling.

ULTIMATE VALUE FOR MONEY

With lifespans up to 10x greater than standard HSS cutters and speeds up to 64% faster, HMT CarbideMax broach cutters will cut more holes, more quickly, for longer. Over the lifetime of the tool this means incredible value for money, greater job site efficiencies and fewer stops as fewer tools are reordered and replaced.

Features & Benefits

- Up to 10x the life of standard HSS cutters
- Up to 64% faster than HSS cutters
- Premium Sandvik Tungsten Carbide teeth
- Fits all standard 19.05mm Weldon shanks

- Works well in Stainless Steel & Cast Iron
- Elaborate tool geometry for a smooth cut
- More than halves the cost of hole broaching
- Reduced thickness tool made from flexible alloy steel results in fewer breakages



Standard Weldon Shank suitable for all magnet drills

Tool body made from flexible steel alloy which results in fewer breakages & faster cut

Highest performance teeth suitable for cutting the hardest steels

CarbideMax 40 - TCT Broach Cutters



Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108030-0120	12mm	19.05mm / 3/4"	£17.20	£163.40
108030-0130	13mm	19.05mm / 3/4"	£18.60	£176.70
108030-0140	14mm	19.05mm / 3/4"	£20.00	£190.00
108030-0150	15mm	19.05mm / 3/4"	£21.45	£203.80
108030-0160	16mm	19.05mm / 3/4"	£22.90	£217.55
108030-0170	17mm	19.05mm / 3/4"	£24.30	£230.85
108030-0180	18mm	19.05mm / 3/4"	£25.75	£244.65
108030-0190	19mm	19.05mm / 3/4"	£27.20	£258.40
108030-0200	20mm	19.05mm / 3/4"	£28.65	£271.25
108030-0210	21mm	19.05mm / 3/4"	£30.05	£285.50
108030-0220	22mm	19.05mm / 3/4"	£31.45	£298.80
108030-0230	23mm	19.05mm / 3/4"	£32.85	£312.10
108030-0240	24mm	19.05mm / 3/4"	£34.35	£326.35
108030-0250	25mm	19.05mm / 3/4"	£35.70	£339.15
108030-0260	26mm	19.05mm / 3/4"	£37.15	£352.95
108030-0270	27mm	19.05mm / 3/4"	£38.65	£367.20
108030-0280	28mm	19.05mm / 3/4"	£40.00	£380.00
108030-0290	29mm	19.05mm / 3/4"	£41.45	£393.80
108030-0300	30mm	19.05mm / 3/4"	£42.85	£407.10
108030-0310	31mm	19.05mm / 3/4"	£44.30	£420.85
108030-0320	32mm	19.05mm / 3/4"	£45.75	£434.65
108030-0330	33mm	19.05mm / 3/4"	£49.65	£471.70

5% saving applies only when ordered in Multipack quantities
- saving already applied to price shown

Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108030-0340	34mm	19.05mm / 3/4"	£51.05	£486.00
108030-0350	35mm	19.05mm / 3/4"	£52.65	£500.20
108030-0360	36mm	19.05mm / 3/4"	£54.15	£514.45
108030-0370	37mm	19.05mm / 3/4"	£55.95	£531.55
108030-0380	38mm	19.05mm / 3/4"	£57.15	£542.95
108030-0390	39mm	19.05mm / 3/4"	£58.65	£557.20
108030-0400	40mm	19.05mm / 3/4"	£60.15	£571.45
108030-0410	41mm	19.05mm / 3/4"	£61.70	£586.15
108030-0420	42mm	19.05mm / 3/4"	£63.15	£599.95
108030-0430	43mm	19.05mm / 3/4"	£64.65	£614.20
108030-0440	44mm	19.05mm / 3/4"	£66.20	£628.90
108030-0450	45mm	19.05mm / 3/4"	£67.65	£643.75
108030-0460	46mm	19.05mm / 3/4"	£69.15	£658.95
108030-0470	47mm	19.05mm / 3/4"	£70.70	£671.65
108030-0480	48mm	19.05mm / 3/4"	£72.15	£686.45
108030-0490	49mm	19.05mm / 3/4"	£73.65	£699.70
108030-0500	50mm	19.05mm / 3/4"	£75.25	£714.90
108030-0550	55mm	19.05mm / 3/4"	£82.70	£786.65
108030-0600	60mm	19.05mm / 3/4"	£90.15	£856.45
108030-0650	65mm	19.05mm / 3/4"	£98.80	£938.60
108030-0700	70mm	19.05mm / 3/4"	£120.70	£1146.65
108030-0750	75mm	19.05mm / 3/4"	£138.65	£1300.10
108030-0800	80mm	19.05mm / 3/4"	£151.60	£1440.20

CarbideMax 40 Pilot Pins

12-17mm Cutters



Part No	Dia Ø	Length	Unit of sale	£ RSP
108030P-0170	6.34	90	Pack 2	£9.50
108030P-0170-P10	6.34	90	Pack 10	£45.15

18-80mm Cutters



Part No	Dia Ø	Length	Unit of sale	£ RSP
108030P-0600	7.98	90	Pack 2	£11.80
108030P-0600-P10	7.98	90	Pack 10	£56.05

CarbideMax 55 - TCT Broach Cutters



Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108020-0120	12mm	19.05mm / 3/4"	£22.70	£216.65
108020-0130	13mm	19.05mm / 3/4"	£25.65	£246.60
108020-0140	14mm	19.05mm / 3/4"	£26.00	£247.00
108020-0150	15mm	19.05mm / 3/4"	£28.45	£270.30
108020-0160	16mm	19.05mm / 3/4"	£28.65	£276.05
108020-0170	17mm	19.05mm / 3/4"	£29.55	£280.75
108020-0175	17.5mm	19.05mm / 3/4"	£30.60	£290.70
108020-0180	18mm	19.05mm / 3/4"	£30.80	£292.60
108020-0190	19mm	19.05mm / 3/4"	£34.55	£328.25
108020-0200	20mm	19.05mm / 3/4"	£36.50	£346.75
108020-0210	21mm	19.05mm / 3/4"	£37.05	£352.00
108020-0220	22mm	19.05mm / 3/4"	£39.90	£376.05
108020-0230	23mm	19.05mm / 3/4"	£42.05	£399.50
108020-0240	24mm	19.05mm / 3/4"	£43.15	£409.95
108020-0250	25mm	19.05mm / 3/4"	£43.80	£416.10
108020-0260	26mm	19.05mm / 3/4"	£46.75	£444.15
108020-0270	27mm	19.05mm / 3/4"	£48.25	£458.40
108020-0280	28mm	19.05mm / 3/4"	£48.90	£464.55
108020-0290	29mm	19.05mm / 3/4"	£49.80	£473.10
108020-0300	30mm	19.05mm / 3/4"	£51.45	£488.80
108020-0310	31mm	19.05mm / 3/4"	£53.55	£508.75
108020-0320	32mm	19.05mm / 3/4"	£54.30	£515.85
108020-0330	33mm	19.05mm / 3/4"	£58.95	£560.05
108020-0340	34mm	19.05mm / 3/4"	£60.90	£578.55

Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108020-0360	36mm	19.05mm / 3/4"	£66.60	£631.75
108020-0370	37mm	19.05mm / 3/4"	£67.60	£644.10
108020-0380	38mm	19.05mm / 3/4"	£69.60	£661.20
108020-0390	39mm	19.05mm / 3/4"	£71.20	£676.40
108020-0400	40mm	19.05mm / 3/4"	£72.75	£691.15
108020-0410	41mm	19.05mm / 3/4"	£74.75	£710.15
108020-0420	42mm	19.05mm / 3/4"	£75.70	£719.15
108020-0430	43mm	19.05mm / 3/4"	£77.00	£731.50
108020-0440	44mm	19.05mm / 3/4"	£78.60	£748.60
108020-0450	45mm	19.05mm / 3/4"	£80.00	£760.00
108020-0460	46mm	19.05mm / 3/4"	£81.90	£778.05
108020-0470	47mm	19.05mm / 3/4"	£83.20	£790.10
108020-0480	48mm	19.05mm / 3/4"	£84.85	£806.10
108020-0490	49mm	19.05mm / 3/4"	£86.45	£821.30
108020-0500	50mm	19.05mm / 3/4"	£87.90	£835.05
108020-0510	51mm	19.05mm / 3/4"	£89.60	£851.20
108020-0520	52mm	19.05mm / 3/4"	£91.05	£866.00
108020-0530	53mm	19.05mm / 3/4"	£92.40	£877.80
108020-0540	54mm	19.05mm / 3/4"	£94.15	£894.45
108020-0550	55mm	19.05mm / 3/4"	£95.55	£907.75
108020-0560	56mm	19.05mm / 3/4"	£96.55	£918.65
108020-0570	57mm	19.05mm / 3/4"	£98.70	£938.65
108020-0580	58mm	19.05mm / 3/4"	£97.55	£924.85
108020-0590	59mm	19.05mm / 3/4"	£98.00	£931.00
108020-0600	60mm	19.05mm / 3/4"	£98.55	£936.25

CarbideMax 55 Pilot Pins

12-17mm Cutters



Part No	Dia Ø	Length	Unit of sale	£ RSP
108020P-0170	6.34	103	Pack 2	£11.80
108020P-0170-P10	6.34	103	Pack 10	£56.05

17.5-60mm Cutters



Part No	Dia Ø	Length	Unit of sale	£ RSP
108020P-0600	7.98	103	Pack 2	£14.10
108020P-0600-P10	7.98	103	Pack 10	£66.95

CarbideMax 55 TCT Sets



Part No	Set Contains	£ RSP	x6 Sets
108020-SET	14, 18, 22mm + 2 Pilot Pins	£98.70	£562.60
108020-5SET	12, 14, 18, 22, 26mm + 2 Pilot Pins	£160.60	£915.45

CarbideMax 80 - TCT Broach Cutters



CarbideMax 80 Pilot Pins

Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108010-0120	12mm	19.05mm / 3/4"	£47.25	£448.90
108010-0140	14mm	19.05mm / 3/4"	£51.90	£493.05
108010-0160	16mm	19.05mm / 3/4"	£52.65	£500.20
108010-0180	18mm	19.05mm / 3/4"	£53.45	£507.80
108010-0200	20mm	19.05mm / 3/4"	£56.40	£535.80
108010-0220	22mm	19.05mm / 3/4"	£58.00	£551.00
108010-0240	24mm	19.05mm / 3/4"	£62.40	£592.80
108010-0260	26mm	19.05mm / 3/4"	£65.30	£620.35
108010-0280	28mm	19.05mm / 3/4"	£71.30	£677.35
108010-0300	30mm	19.05mm / 3/4"	£74.25	£705.40
108010-0320	32mm	19.05mm / 3/4"	£76.15	£723.45
108010-0330	33mm	19.05mm / 3/4"	£77.25	£733.90
108010-0340	34mm	19.05mm / 3/4"	£80.00	£790.00
108010-0350	35mm	19.05mm / 3/4"	£83.20	£790.40
108010-0360	36mm	19.05mm / 3/4"	£90.95	£864.05
108010-0380	38mm	19.05mm / 3/4"	£92.10	£874.95
108010-0390	39mm	19.05mm / 3/4"	£98.10	£941.45
108010-0400	40mm	19.05mm / 3/4"	£102.50	£973.75
108010-0420	42mm	19.05mm / 3/4"	£109.95	£1,044.55
108010-0450	45mm	19.05mm / 3/4"	£117.30	£1,114.35
108010-0500	50mm	19.05mm / 3/4"	£132.20	£1,255.90

*5% saving applies only when ordered in Multipack quantities
- saving directly applied to price shown*

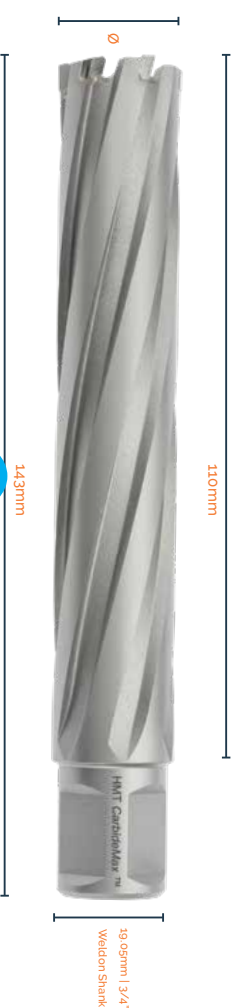
12-17mm Cutters

Part No	Dia Ø	Length	Unit of sale	£ RSP
108010P-0170	6.34	130	Pack 2	£26.95

18-60mm Cutters

Part No	Dia Ø	Length	Unit of sale	£ RSP
108010P-0600	7.98	130	Pack 2	£26.95

CarbideMax 110 - TCT Broach Cutters



CarbideMax 110 Pilot Pins

Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108040-0140	14mm	19.05mm / 3/4"	£64.25	£610.40
108040-0160	16mm	19.05mm / 3/4"	£67.35	£639.85
108040-0180	18mm	19.05mm / 3/4"	£68.85	£654.10
108040-0190	19mm	19.05mm / 3/4"	£69.85	£663.60
108040-0200	20mm	19.05mm / 3/4"	£70.15	£666.45
108040-0210	21mm	19.05mm / 3/4"	£70.95	£674.05
108040-0220	22mm	19.05mm / 3/4"	£71.30	£677.35
108040-0230	23mm	19.05mm / 3/4"	£74.25	£705.40
108040-0240	24mm	19.05mm / 3/4"	£75.50	£717.25
108040-0250	25mm	19.05mm / 3/4"	£75.70	£719.15
108040-0260	26mm	19.05mm / 3/4"	£78.65	£747.20
108040-0270	27mm	19.05mm / 3/4"	£80.85	£768.10
108040-0280	28mm	19.05mm / 3/4"	£83.20	£790.40
108040-0290	29mm	19.05mm / 3/4"	£86.30	£819.85
108040-0300	30mm	19.05mm / 3/4"	£89.10	£846.45
108040-0320	32mm	19.05mm / 3/4"	£95.10	£903.45
108040-0330	33mm	19.05mm / 3/4"	£98.10	£931.95
108040-0340	34mm	19.05mm / 3/4"	£99.40	£944.30
108040-0350	35mm	19.05mm / 3/4"	£104.05	£988.50
108040-0360	36mm	19.05mm / 3/4"	£107.00	£1,016.50
108040-0380	38mm	19.05mm / 3/4"	£118.75	£1,128.15
108040-0390	39mm	19.05mm / 3/4"	£134.95	£1,282.05
108040-0400	40mm	19.05mm / 3/4"	£149.70	£1,422.15
108040-0410	41mm	19.05mm / 3/4"	£156.50	£1,486.75
108040-0420	42mm	19.05mm / 3/4"	£161.45	£1,533.80
108040-0430	43mm	19.05mm / 3/4"	£173.20	£1,645.40
108040-0440	44mm	19.05mm / 3/4"	£177.85	£1,689.60
108040-0450	45mm	19.05mm / 3/4"	£183.10	£1,775.55
108040-0460	46mm	19.05mm / 3/4"	£186.90	£1,775.55
108040-0470	47mm	19.05mm / 3/4"	£188.55	£1,791.25
108040-0480	48mm	19.05mm / 3/4"	£191.40	£1,818.30
108040-0490	49mm	19.05mm / 3/4"	£192.20	£1,825.90
108040-0500	50mm	19.05mm / 3/4"	£192.95	£1,833.05
108040-0510	51mm	19.05mm / 3/4"	£195.05	£1,853.00
108040-0520	52mm	19.05mm / 3/4"	£195.40	£1,856.30
108040-0540	54mm	19.05mm / 3/4"	£197.75	£1,878.65
108040-0550	55mm	19.05mm / 3/4"	£199.20	£1,892.40
108040-0560	56mm	19.05mm / 3/4"	£203.80	£1,936.10
108040-0570	57mm	19.05mm / 3/4"	£209.65	£1,991.70
108040-0580	58mm	19.05mm / 3/4"	£214.35	£2,036.35
108040-0590	59mm	19.05mm / 3/4"	£219.40	£2,084.30
108040-0600	60mm	19.05mm / 3/4"	£221.55	£2,104.75

*5% saving applies only when ordered in Multipack quantities
- saving directly applied to price shown*

14-17mm Cutters

Part No	Dia Ø	Length	Unit of sale	£ RSP
108040P-0171	6.34	155	Pack 2	£28.35

18-60mm Cutters

Part No	Dia Ø	Length	Unit of sale	£ RSP
108040P-0600	7.98	155	Pack 2	£28.35

CarbideMax 150 - TCT Broach Cutters



Ideal for drilling matching holes through box or H section in one single pass

CarbideMax 150 Pilot Pins

1 Piece: 18-50mm Cutters

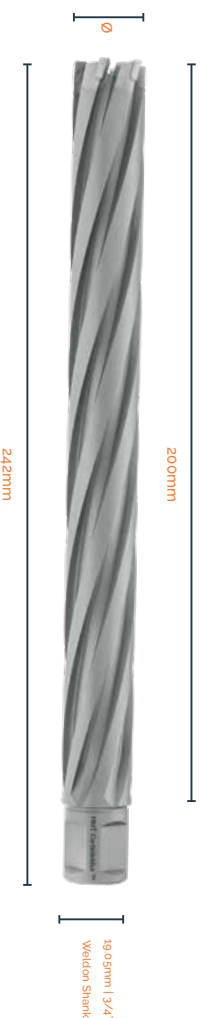
Part No	Diameter mm	Shank Size	RSP £
108045-0180	18mm	19.05mm / 3/4"	£111.05
108045-0200	20mm	19.05mm / 3/4"	£116.95
108045-0220	22mm	19.05mm / 3/4"	£123.40
108045-0240	24mm	19.05mm / 3/4"	£131.60
108045-0260	26mm	19.05mm / 3/4"	£146.80
108045-0280	28mm	19.05mm / 3/4"	£147.35
108045-0300	30mm	19.05mm / 3/4"	£170.30
108045-0320	32mm	19.05mm / 3/4"	£186.25
108045-0330	33mm	19.05mm / 3/4"	£193.85
108045-0360	36mm	19.05mm / 3/4"	£211.45
108045-0390	39mm	19.05mm / 3/4"	£229.05
108045-0500	50mm	19.05mm / 3/4"	£257.25



Part No	Dia Ø	Length	Unit of sale	RSP £
108045P-0600	7.98	205	Pack 2	£25.45



CarbideMax 200 - TCT Broach Cutters



Ideal for drilling matching holes through box or H section in one single pass

CarbideMax 200 Pilot Pins

2 Piece: 18-50mm Cutters

Part No	Diameter mm	Shank Size	RSP £
108050-0180	18mm	19.05mm / 3/4"	£179.95
108050-0200	20mm	19.05mm / 3/4"	£182.75
108050-0220	22mm	19.05mm / 3/4"	£185.50
108050-0240	24mm	19.05mm / 3/4"	£216.05
108050-0260	26mm	19.05mm / 3/4"	£218.80
108050-0300	30mm	19.05mm / 3/4"	£227.10
108050-0320	32mm	19.05mm / 3/4"	£230.25
108050-0330	33mm	19.05mm / 3/4"	£232.20
108050-0360	36mm	19.05mm / 3/4"	£248.80
108050-0390	39mm	19.05mm / 3/4"	£308.70
108050-0420	42mm	19.05mm / 3/4"	£329.30
108050-0450	45mm	19.05mm / 3/4"	£362.00
108050-0500	50mm	19.05mm / 3/4"	£415.40



Used when drilling material greater than 50mm thick. When the pilot pin reaches the extent to which it can retract inside the magnet drillarbor, the bottom section of the pilot can be removed to allow the hole to be completed without removing the pilot pin from the cutter.

Part No	Dia Ø	Length	Unit of sale	RSP £
108050P-0600-2P	7.98	255	Pack 2	£51.85



CarbideMax XL55 - TCT Broach Cutters



Part No	D Ø mm	Shank Size	RSP £
108020-0610	61mm	32mm / 1 1/4"	£120.80
108020-0620	62mm	32mm / 1 1/4"	£130.70
108020-0630	63mm	32mm / 1 1/4"	£153.60
108020-0640	64mm	32mm / 1 1/4"	£161.15
108020-0650	65mm	32mm / 1 1/4"	£173.20
108020-0660	66mm	32mm / 1 1/4"	£174.40
108020-0670	67mm	32mm / 1 1/4"	£175.35
108020-0680	68mm	32mm / 1 1/4"	£179.10
108020-0690	69mm	32mm / 1 1/4"	£180.85
108020-0700	70mm	32mm / 1 1/4"	£186.60
108020-0725	72.5mm	32mm / 1 1/4"	£194.10
108020-0750	75mm	32mm / 1 1/4"	£202.25
108020-0800	80mm	32mm / 1 1/4"	£213.25
108020-0850	85mm	32mm / 1 1/4"	£226.55

Part No	D Ø mm	Shank Size	RSP £
108020-0900	90mm	32mm / 1 1/4"	£239.80
108020-0950	95mm	32mm / 1 1/4"	£255.70
108020-1000	100mm	32mm / 1 1/4"	£266.55
108020-1025	102.5mm	32mm / 1 1/4"	£296.75
108020-1050	105mm	32mm / 1 1/4"	£337.30
108020-1100	110mm	32mm / 1 1/4"	£370.65
108020-1150	115mm	32mm / 1 1/4"	£422.20
108020-1200	120mm	32mm / 1 1/4"	£469.30
108020-1250	125mm	32mm / 1 1/4"	£515.70
108020-1270	127mm	32mm / 1 1/4"	£548.35
108020-1300	130mm	32mm / 1 1/4"	£567.05
108020-1350	135mm	32mm / 1 1/4"	£618.95
108020-1400	140mm	32mm / 1 1/4"	£674.25
108020-1450	145mm	32mm / 1 1/4"	£699.80
108020-1500	150mm	32mm / 1 1/4"	£785.05

32mm to 19.05mm Weldon Shank Adapter & Pilot



Adapts 32mm Shank XL55 cutters to 19.05mm standard Magnet Drill fitting; includes pilot for 55mm Depth Cutters

Part No	Details	£ RSP
103091-1932-55	19.05 Male to 32mm Female Weldon Adapter + Pilot for 55mm cutters	£27.40

32mm Weldon Shank Morse Taper Arbor and Pilot



Spring loaded for cutter slug ejection

Part No	Arbor Size	Shank Size	£ RSP
103013-0323	MT3	32mm / 1 1/4"	£141.35
103013-0324	MT4	32mm / 1 1/4"	£164.90
108020P-1500	7.88x115mm Pilot Pin, Pack 2		£29.65

CarbideMax XL110 - TCT Broach Cutters



Part No	D Ø mm	Shank Size	RSP £
108040-1100	110mm	32mm / 1 1/4"	£573.00
108040-1150	115mm	32mm / 1 1/4"	£619.60
108040-1200	120mm	32mm / 1 1/4"	£690.70
108040-1250	125mm	32mm / 1 1/4"	£714.45
108040-1300	130mm	32mm / 1 1/4"	£780.35
108040-1350	135mm	32mm / 1 1/4"	£780.35
108040-1400	140mm	32mm / 1 1/4"	£797.70
108040-1500	150mm	32mm / 1 1/4"	£852.45

NEW: 160-200mm TCT Cutters

Part No	D Ø mm	Shank Size	RSP £
108040-1600	160mm	32mm / 1 1/4"	£924.55
108040-1700	170mm	32mm / 1 1/4"	£941.60
108040-1800	180mm	32mm / 1 1/4"	£1,078.40
108040-1900	190mm	32mm / 1 1/4"	£1,036.65
108040-2000	200mm	32mm / 1 1/4"	£1,086.40

32mm Weldon Shank Morse Taper Arbor and Pilot



Spring loaded for cutter slug ejection

Part No	Arbor Size	Shank Size	£ RSP
103013-0323	MT3	32mm / 1 1/4"	£141.35
103013-0324	MT4	32mm / 1 1/4"	£164.90
108040P-1500-2P	7.88x165mm 2Pc Pilot Pin, Pack 2		£34.60

CarbideMax 30 Rail Broach Cutters



5%
Saving*

CarbideMax 30 Rail Pilot Pin 18 - 36mm Cutters



Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
106030-0180	18mm	19.05mm / 3/4"	£30.15	£286.45
106030-0200	20mm	19.05mm / 3/4"	£33.45	£317.80
106030-0220	22mm	19.05mm / 3/4"	£36.80	£349.60
106030-0240	24mm	19.05mm / 3/4"	£40.15	£381.45
106030-0260	26mm	19.05mm / 3/4"	£43.45	£412.80
106030-0280	28mm	19.05mm / 3/4"	£46.85	£445.10
106030-0300	30mm	19.05mm / 3/4"	£50.20	£476.90
106030-0320	32mm	19.05mm / 3/4"	£53.50	£508.25
106030-0360	36mm	19.05mm / 3/4"	£63.40	£602.30

*5% saving applies only when ordered in Multipack quantities
- saving already applied to price shown

Part No	Dia Ø	Length	Unit of sale	£ RSP
106030P-0360	7.98	77	Pack 2	£13.75

CarbideMax 55 Rail Broach Cutters



5%
Saving*

CarbideMax 55 Rail Pilot Pin 18 - 36mm Cutters



Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
106020-0180	18mm	19.05mm / 3/4"	£43.95	£417.55
106020-0200	20mm	19.05mm / 3/4"	£45.25	£429.90
106020-0220	22mm	19.05mm / 3/4"	£46.75	£444.15
106020-0240	24mm	19.05mm / 3/4"	£49.20	£467.40
106020-0260	26mm	19.05mm / 3/4"	£51.30	£487.35
106020-0280	28mm	19.05mm / 3/4"	£57.30	£544.35
106020-0300	30mm	19.05mm / 3/4"	£60.25	£572.40
106020-0320	32mm	19.05mm / 3/4"	£63.55	£603.75
106020-0330	33mm	19.05mm / 3/4"	£65.85	£623.70
106020-0360	36mm	19.05mm / 3/4"	£77.85	£739.60

*5% saving applies only when ordered in Multipack quantities
- saving already applied to price shown

Part No	Dia Ø	Length	Unit of sale	RSP £
106020P-0600	7.98	103	Pack 2	£14.10



HMT have developed a generation of ULTRA cutting tools for drilling very hard materials.

The specialist ULTRA coating is proven to significantly increase tool life working with extremely hard materials and wear plates such as Hardox.

Ultra Cutters can also be used to increase service life in other challenging materials such as Armor plates, Inconel, Stainless Steel etc.

CarbideMax Ultra Tools are produced from premium grade materials and coated using a range of state of the art, high-temperature surface coatings.



ULTRA coated Carbide Tools are capable of providing a service life increase in excess of 9X longer than uncoated TCT tools.

It should be understood that drilling holes in these very hard materials is a specialist task and good results are dependent on the right setup - including high torque/slow speed, geared Magnet Drills, like the VersaDrive Series, ample BioCut Blue lubricant.

Using the incorrect Magnet drill or a poorly maintained Magnet drill with unstable drilling operation, poor magnet hold and excessive pressure or inadequate lubrication is likely to result in rapid tool failure.



Wear Plate Uses

Wear plates and abrasion resistant steels are typically up to 5x harder than standard S275 Structural grade steel and are used in industries needing very hard or wear resistant steel plates, for instance aggregate & waste processing and conveying, Mining & excavation industries etc.

They are also used for fabricating & protecting earth moving excavation parts like digger buckets.

Machining Wear Plates

The extreme hardness and wear resistance of these materials makes machining them extremely challenging, especially when the application requires the use of portable tools like Magnetic Drills.

It should be understood that even with high tech tooling, successfully machining Wear plates is challenging with little or no margin for error. It requires experienced operators, quality, premium Magnetic Drills suitable for these applications, and the specially developed BioCut Blue cutting fluid when broaching or Speedlube Aerosol spray when countersinking.

Commonly found brands and types of wear plate include:

HARDOX - CREUSABRO - ABRO - RAEX - STRENN - BISALLOY

Test Results Comparison

Tool Used	Holes completed	Machine Used	Tested at (No Load) RPM
UnCoated			
Uncoated 18mm HMT CarbideMax TCT Broach Cutter	9	HMT VersaDrive V60T	390 RPM
Coated			
Coated 18mm CarbideMax ULTRA TCT Broach Cutter	75	HMT VersaDrive V60T	450 RPM
Coated 22mm CarbideMax ULTRA TCT Broach Cutter	84	HMT VersaDrive V60T	410 RPM
Coated 26mm CarbideMax ULTRA TCT Broach Cutter	56	HMT VersaDrive V60T	390 RPM
Multisink			
40mm ULTRA Coated TCT Multisink	50+	HMT VersaDrive VI25T & V60T	110 + 160 RPM

It should be noted that these test results were achieved by an experienced operator using a high quality and well maintained magnet drill. Used incorrectly or with inappropriate equipment it is possible that tool failure could occur significantly earlier.

BEST PRACTICE ADVICE FOR DRILLING WEAR PLATE STEEL:

Broaching Wear Plate Steel

- Cautionous & Gentle feed pressure should be used at all times, especially during the start of the cut and exiting the material
- Generous application of BioCut Blue cutting fluid should be used during the cut & applied frequently during the cut
- Backing off the cutter & applying more BioCut Blue is necessary for increasing tool life
- Swarf removal from the cutter is also required for longer tool life

Countersinking Wear Plate Steel

- For best results the Countersink must be piloted
- Do not allow the countersink to vibrate over swarf while cutting as this will cause chatter, ultimately causing the cutting edges to chip & blunt
- Regular Speedlube application & regular swarf removal on countersinking is essential
- A hand brush works better than mag stick to clean cutter and material surface

ULTRA Coated TCT Broach Cutters

CarbideMax Ultra cutters are specifically designed for the toughest broaching jobs on the planet, including Hardox steel.

Our ULTRA TCT Broach cutters are tipped with individually brazed cutting teeth of the highest quality carbide. They are designed with an elaborate cutting geometry which results in faster, quieter, easier drilling and chatter free performance.

- Increased wear resistance in the hardest materials
- Elaborate tool geometry for faster, quieter cutting
- Chatter free performance when used correctly
- Up to 55mm depth of cut
- Standard 19.05mm Weldon shank
- Use with high torque / slow speed, geared magnet drills
- ULTRA coated for optimum performance and lifespan

HARDOX BROACHING TOOL

WELDON SHANK



Ultra Coated CarbideMax 55 TCT Cutters Additional Sizes are available to order

Part No	Diameter mm	Shank Size	RSP £	10 Pack RSP
108070-0120	12mm	19.05mm / 3/4"	£38.30	£363.85
108070-0140	14mm	19.05mm / 3/4"	£40.50	£384.75
108070-0160	16mm	19.05mm / 3/4"	£45.85	£435.60
108070-0180	18mm	19.05mm / 3/4"	£48.10	£456.95
108070-0200	20mm	19.05mm / 3/4"	£56.90	£540.55
108070-0220	22mm	19.05mm / 3/4"	£59.25	£562.90
108070-0240	24mm	19.05mm / 3/4"	£65.60	£623.20
108070-0260	26mm	19.05mm / 3/4"	£68.35	£649.35

5% saving* 5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

CarbideMax ULTRA 55 Pilot Pins

ULTRA Coated Broach Cutter Set



Part No	D Ø	Length	Cutter Size	Qty	RSP £
108020P-0170	6.34	103	12-17mm	Pack 2	£11.80
108020P-0600	7.98	103	18-60mm	Pack 2	£14.10



5% Saving*

Part No	Set Contains	£ RSP	x6 Sets
108070-SET	ULTRA Broach cutters 12, 14, 18, 22 & 26mm	£216.90	£1,247.75

ULTRA Coated Multisink

Ultra coated Multisink for increased wear resistance whilst countersinking the toughest materials like Hardox, Inconel and Armor plate.

The Multisink™ is a worldwide unique new Combination Countersink Tool designed & developed by HMT for use with Magnetic Drills. The multisink combines with the VersaDrive product range to allow you to Broach & Countersink, Drill & Countersink, Tap & Countersink or even Drill, Tap & Countersink in one operation.

- Innovative Combination Countersinking Tool.
- Save Time Completing Countersink Holes.
- GoldMax low-friction titanium coating to stop burn-out.
- Broach & Countersink in one operation.
- Drill & Countersink in one operation.
- Tap & Countersink in one operation.
- Drill-Tap & Countersink in one operation

COMBINATION COUNTERSINKING TOOL FOR HARDOX

WELDON SHANK



Ultra Coated Multisink

Part No	D Ø mm	Point Angle	Shank mm	£ RSP	10 Pack RSP
601056-0400	40mm	90°	19.05mm / 3/4"	£213.15	£2,024.95
601056-0550	55mm	90°	19.05mm / 3/4"	£318.15	£3,022.45

5% Saving*

Multisink Pilot

For countersinking bolt holes from 14-26mm diameter. Use Multisink with variable speed magnet drill. The speed must be reduced when countersinking.

Part No	d1 Ø	length mm	Shank mm	£ RSP	10 Pack RSP
601050-0140	14mm	52	11.0	£11.70	£111.15
601050-0160	16mm	52	11.0	£12.05	£114.50
601050-0180	18mm	52	11.0	£12.55	£119.25
601050-0200	20mm	52	11.0	£12.80	£121.60
601050-0220	22mm	52	11.0	£15.35	£145.85
601050-0240	24mm	52	11.0	£15.75	£149.65
601050-0260	26mm	52	11.0	£19.05	£181.00

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



Weldon Shank Twist Drill Bits

HSS-XE twist drill bits with integrated magnet Weldon shank for simple and accurate drilling in steel and fast tool changing. Removes the need for using a separate drill chuck in a magnet drill.

Where drilling smaller holes or tapping size holes has been a long and time consuming job in the past, fitting the Silvermax Magnet Twist Drills into a magnet drill can suddenly make the job far quicker and safer than struggling with a pistol drill and jobber drills.

Integrated Weldon shank

Simple & Accurate drilling in steel

No need for a tool chuck when using a magnet drill

Fast tool changing

Quicker and safer than struggling with a pistol drill

Sizes from 5 - 12mm

Fits any standard 19.05mm arbor

USE WITH ANY STANDARD MAG DRILL



WELDON SHANK

Part No	Diameter mm	Shank Size	Tap Size (Metric Coarse)	RSP £	10 Pack RSP
201070-0050	5.0mm	19.05mm / 3/4"	M6	£12.00	£114.00
201070-0060	6.0mm	19.05mm / 3/4"	-	£12.35	£117.35
201070-0068	6.8mm	19.05mm / 3/4"	M8	£12.45	£118.30
201070-0070	7.0mm	19.05mm / 3/4"	-	£12.75	£121.15
201070-0080	8.0mm	19.05mm / 3/4"	-	£12.85	£122.10
201070-0085	8.5mm	19.05mm / 3/4"	M10	£13.45	£127.80
201070-0090	9.0mm	19.05mm / 3/4"	-	£13.85	£131.60
201070-0100	10.0mm	19.05mm / 3/4"	-	£14.05	£133.50
201070-0102	10.2mm	19.05mm / 3/4"	M12	£14.55	£138.25
201070-0110	11.0mm	19.05mm / 3/4"	-	£15.60	£148.20
201070-0120	12.0mm	19.05mm / 3/4"	-	£16.25	£154.40

Weldon Drill Bit Sets

Part No	Contents	£ RSP	x6 Sets
201070-SET	4 piece Set contains: 6, 8, 10, 12mm Weldon Drill Bits	£64.30	£309.55
201070-TSET	4 piece Set contains: 5.0, 6.8, 8.5, 10.2mm Weldon Drill Bits Tap Sizes	£64.30	£309.55

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown



ImpactaMag Reamers

The ImpactaMag™ HSS reamer is a unique double-use reamer for enlarging and aligning holes in metals and hard materials.

Specially designed cutting geometry allows the tool to be used in an Impact wrench or a Magnet drill. When used in an Impact wrench it is secured into a special adapter meaning the tool is easier to control, apply correct feed rate, and withdraw from the finished hole, enhancing tool life. This reamer will also fit into a standard Weldon magnet drill arbor.

Ideal for steel erection & bridge work

Ideal for modifying & enlarging holes

Secured directly to the Impact Wrench

Can be used with any standard Magnet Drill

Available in intermediate sizes

Unique 6 flute design for faster, smoother cut

Prepare holes ready for installation of TCB & friction grip bolts

MODIFY OR ENLARGE HOLES



IMPACT RATED

Part No	Max Diameter mm (D)	Shank Size	d1 mm	L mm	L1 mm	L2 mm	Minimum torque to Ream 15mm steel	RSP £	10 Pack RSP
501020-0140	14mm	19.05mm / 3/4"	7	140	52	50	340 Nm	£63.80	£606.10
501020-0180	18mm	19.05mm / 3/4"	9	165	61	53	360 Nm	£80.45	£764.30
501020-0200	20mm	19.05mm / 3/4"	11	178	62	65	380 Nm	£87.45	£830.80
501020-0220	22mm	19.05mm / 3/4"	13	178	62	65	400 Nm	£95.85	£910.60
501020-0240	24mm	19.05mm / 3/4"	15	178	63	63	520 Nm	£105.40	£1,001.30
501020-0260	26mm	19.05mm / 3/4"	16	178	67	60	520 Nm	£113.75	£1,080.65
501020-0270	27mm	19.05mm / 3/4"	17.5	178	67	60	520 Nm	£122.65	£1,165.20
501020-0280	28mm	19.05mm / 3/4"	19	178	67	60	600 Nm	£127.70	£1,213.15
501020-0300	30mm	19.05mm / 3/4"	21	178	64	63	650 Nm	£136.80	£1,299.60
501020-0320	32mm	19.05mm / 3/4"	22.5	178	64	63	650 Nm	£149.00	£1,415.50
501020-0330	33mm	19.05mm / 3/4"	23	200	70	57	650 Nm	£152.10	£1,444.95
501020-0360	36mm	19.05mm / 3/4"	26	200	71	57	800 Nm	£185.65	£1,763.70
501020-0390	39mm	19.05mm / 3/4"	29	200	70	56	1000 Nm	£203.05	£1,929.00

ImpactaMag® Reamer Sets

Part No	Set Contains	RSP £	x6 Sets
501020-3SET	14, 18, 22mm ImpactaMag Reamers	£175.25	£998.95
501020-SET-WO	14, 18, 22, 26, 32mm ImpactaMag Reamers	£350.90	£2,000.15

• Sets do not include adapter

ImpactaMag® Impact Adapter

Part No	Square Drive Size	Shank Size	RSP £
00200-12A-19	1/2"	19.05mm / 3/4"	£75.50
00200-34A-19	3/4"	19.05mm / 3/4"	£78.40

• Supplied with retention pin & ring.



VersaDrive CounterSink 90°



Part No	D Ø	Ø d1	l1	L	Shank	DIN 74	Point	RSP	10 Pack
	mm	mm	mm	mm	mm	SET SCREW BF	Angle	£	RSP
603060-0063	6.3mm	1.5	17	45	11.0	M3	90°	£13.66	£129.70
603060-0083	8.3mm	2.0	22	50	11.0	M4	90°	£17.90	£170.05
603060-0104	10.4mm	2.5	22	50	11.0	M5	90°	£21.35	£202.85
603060-0124	12.4mm	2.8	28	56	11.0	M6	90°	£27.10	£257.45
603060-0165	16.5mm	3.2	32	60	11.0	M8	90°	£31.15	£295.95
603060-0205	20.5mm	3.5	35	63	11.0	M10	90°	£37.10	£352.45
603060-0250	25mm	3.8	39	67	11.0	M12	90°	£46.60	£442.70
603060-0310	31mm	4.2	43	71	11.0	M16	90°	£55.30	£525.35

**5% saving applies only when ordered in Multipack quantities - saving already applied to price shown*

Combination Drillsink Tool 90°



Part No	Ø Drill	Countersink	l1	L	Shank	DIN 74	Point	RSP	10 Pack
	Size	Size	mm	mm	mm	SET SCREW BF	Angle	£	RSP
603070-00124	8mm	12.4mm	47mm	96mm	11.0	M6	90°	£33.80	£321.10
603070-08165	6.8mm	16.5mm	47mm	85mm	11.0	M6 (Tapped)	90°	£36.65	£348.20
603070-10165	10mm	16.5mm	47mm	85mm	11.0	M8	90°	£41.70	£396.15
603070-05205	8.5mm	20.5mm	47mm	89mm	11.0	M10 (Trapped)	90°	£48.15	£457.45
603070-11205	11mm	20.5mm	47mm	88mm	11.0	M10	90°	£49.10	£472.15
603070-12205	12mm	20.5mm	47mm	88mm	11.0	M10	90°	£51.80	£492.10
603070-102250	10.2mm	25mm	47mm	93mm	11.0	M12 (Tapped)	90°	£56.10	£532.95
603070-13250	13mm	25mm	47mm	92mm	11.0	M12	90°	£60.10	£570.95
603070-14250	14mm	25mm	47mm	92mm	11.0	M12	90°	£61.80	£587.10

**5% saving applies only when ordered in Multipack quantities - saving already applied to price shown*

DRILLSINK SET	
603070-SET4	Set contains 8/12.4mm, 10/16.5mm, 12/20.5, 14/25mm VersaDrive Drillsink Bits
RSP £	
£159.10	
x6 Sets	
£906.90	

GoldMax HSS Weldon Shank CounterSink 90°



Part No	D Ø	d1	L	Shank Size	Point Angle	RSP	10 Pack
	mm	mm	mm			£	RSP
601025-0300	30mm	4	47	19.05mm / 3/4"	90°	£56.20	£533.90
601025-0400	40mm	7	52	19.05mm / 3/4"	90°	£70.95	£674.05
601025-0550	55mm	9	60	19.05mm / 3/4"	90°	£99.65	£946.70

**5% saving applies only when ordered in Multipack quantities - saving already applied to price shown*

GoldMax Morse Taper Weldon Shank CounterSink 90°



Part No	D Ø	d1	d2	Shank Size	Point Angle	RSP
	mm	mm	mm			£
602015-0310	31mm	4.2	MT2		90°	£81.40
602015-0400	40mm	10	MT3		90°	£117.45
602015-0500	50mm	14	MT3		90°	£154.00
602015-0630	63mm	16	MT4		90°	£284.55
602015-0800	80mm	22	MT4		90°	£459.20

Weldon Shank - Morse Taper Arbor 19.05mm



Spring loaded for cutter slug ejection

Part No	Arbor Size	Shank Size	£ RSP	10 Pack
103013-0192	MT2	19.05mm / 3/4"	£80.65	£766.20
103013-0193	MT3	19.05mm / 3/4"	£88.80	£843.60
103013-0194	MT4	19.05mm / 3/4"	£138.85	£1,319.10

5% Saving*



- Select appropriate pilot pin from box below
- Will pass through hole diameters greater than 35mm

Part No	Extension Length	Shank Size	£ RSP	10 Pack
103090-0500	50mm	19.05mm / 3/4"	£58.55	£561.25
103090-0750	75mm	19.05mm / 3/4"	£83.70	£795.15
103090-1000	100mm	19.05mm / 3/4"	£99.15	£941.95

5% Saving*



Morse Taper Sleeve

NEW



Morse Taper Extension

NEW

Morse Taper sleeve reducers have a smaller internal taper size than the machine (drive) end, to allow a smaller morse taper to be fitted

Part No	Size	£ RSP	10 Pack
103615-R21	MT2 outside, MT1 inside	£9.25	£87.90
103615-R32	MT3 outside, MT2 inside	£13.60	£129.20
103615-R43	MT4 outside, MT3 inside	£18.90	£179.55

5% Saving*

Morse Taper Extensions have an Internal and an External Morse Taper and are used to extend the reach of Magnet Drill Arbors and enable the use of tooling with different size shanks. They increase versatility and improve access for difficult jobs. Hardened and ground high precision specification.

Part No	Size	£ RSP	10 Pack
103616-E32	MT3 outside, MT2 inside	£49.15	£466.95
103616-E33	MT3 outside, MT3 inside	£61.35	£582.85
103616-E34	MT3 outside, MT4 inside	£69.55	£660.75
103616-E44	MT4 outside, MT4 inside	£95.95	£911.55
103616E-E43	MT4 outside, MT3 inside	£69.10	£565.45

5% Saving*

Spring Loaded Extension Arbor



Spring Loaded extension arbor for very deep drilling using multiple extension arbors in series. The spring loaded design means only the bottom extension needs to be piloted, with standard cutter pilot pin. Will pass through hole diameters greater than 35mm.

Part No	Extension Length	Shank Size	£ RSP	10 Pack
103095-1000	100mm	19.05mm / 3/4"	£112.50	£1,065.75

5% Saving*



Replacement Grub Screws

Part No	Thread Size	Head Size	Unit of sale	£ RSP	10 Pack
103060-0606	M6 x 6	3mm	Pack 10	£3.55	£33.75
103060-0808	M8 x 8	4mm	Pack 10	£5.05	£48.00
103060-1010	M10 x 10	5mm	Pack 10	£5.70	£54.15
103060-1212	M12 x 12	6mm	Pack 10	£5.85	£55.60

5% Saving*

Tapered steel drifts for simple removal of Morse Taper arbors, drill bits and tooling from MT2, MT3 or MT4 machine spindles

Part No	Suits	£ RSP	10 Pack
103012-0002	MT1 & MT2	£8.35	£79.35
103012-0003	MT3	£9.10	£86.45
103012-0004	MT4	£12.85	£122.10

5% Saving*



Magnet Drill Chuck & Adapter

Part No	Description	Fitting Type	£ RSP	10 Pack
103017	Chuck Adapter	19.05mm / 3/4"	£23.25	£220.50
103070	Keyed Chuck	B16	£47.15	£447.95

5% Saving*

32mm to 19.05mm Weldon Shank Adapter & Pilot



Adapts 32mm Shank X-L55 cutters to 19.05mm standard Magne Drill fitting. Includes pilot for 55mm Depth Cutters

Part No	Details	£ RSP	10 Pack
103091-1932-55	19.05 Male to 32mm Female Weldon Adapter + Pilot for 55mm cutters	£27.40	£260.30
103091-1932-110	19.05 Male to 32mm Female Weldon Adapter + Pilot for 110mm cutters	£43.80	£416.10

5% Saving*



Spring loaded for cutter slug ejection

Part No	Arbor Size	Shank Size	£ RSP	10 Pack
103013-0323	MT3	32mm / 1 1/4"	£141.35	£1,342.55
103013-0324	MT4	32mm / 1 1/4"	£164.50	£1,566.55
108020P-1500	7.98x115mm Pilot Pin, Pack 2		£29.55	£281.70

5% Saving*



Magnetic Swarf Lifter



Part No	Total Length	Magnet Length	£ RSP	10 Pack RSP
103011-0001	400mm	180mm	£38.45	£365.30

5% Saving*

GoldMax Tungsten Carbide Burrs

Metal Cutting Lubricants

GoldMax TCT Burr - Flame



Standard 6mm Shank

Part No	Head Dimension	Total Length	£ RSP	10 Pack
402060-0060	6 x 16mm	60mm	£20.45	£194.30
402060-0120	12 x 25mm	70mm	£34.05	£323.50

5% Saving*

GoldMax TCT Burr - Cylinder



Standard 6mm Shank

Part No	Head Dimension	Total Length	£ RSP	10 Pack
402040-0060	6 x 16mm	60mm	£21.50	£202.35
402040-0120	12 x 25mm	69mm	£35.40	£336.30

5% Saving*

GoldMax TCT Burr - Ball Nose



Standard 6mm Shank

Part No	Head Dimension	Total Length	£ RSP	10 Pack
402020-0060	6 x 16mm	60mm	£21.30	£202.35
402020-0120	12 x 25mm	69mm	£33.40	£336.30

5% Saving*

GoldMax TCT Burr - Ball



Standard 6mm Shank

Part No	Head Dimension	Total Length	£ RSP	10 Pack
402010-0060	6 x 6mm	50mm	£20.00	£190.00
402010-0120	12 x 10mm	55mm	£31.20	£296.40

5% Saving*

GoldMax TCT Burr - Tree



Standard 6mm Shank

Part No	Head Dimension	Total Length	£ RSP	10 Pack
402060-0060	6 x 16mm	60mm	£20.65	£196.20
402060-0120	12 x 25mm	69mm	£34.35	£326.35

5% Saving*

GoldMax TCT Burr - 4 Piece Set



4 Piece set contains Flame, Cylinder, Ball Nose and Tree Burrs in 12mm head diameter

Part No	Head Dimension	£ RSP	x6 Sets
4020-SET1	12mm	£124.35	£712.25

5% Saving*

5% saving applies only when ordered in Multipack quantities - saving already applied to price shown

SpeedLube™ Lubricant Spray



SpeedLube™ is a high performance foaming lubricant suitable for a wide variety of metal drilling applications across a range of materials including stainless steel.

Aerosol propellant ensures the lubricant foams on contact to ensure maximum tool coverage and heat dissipation. Easy one-handed application provides fast, efficient lubricant coverage and minimises the amount of applications needed during the drilling process. Unique 360° valve which enables Speedlube to be sprayed from all angles.

Part No	Aerosol Size	Unit of Sale	£ RSP
701010-0002	500ml	Each	£10.65
701010-0002-P12	500ml	Pack of 12	£121.45

AeroPaste™ Lubricant Spray



AeroPaste™ is an aerosol applied paste-type, metalworking lubricant for hole broaching, tapping, reaming & drilling applications. Ideal for overhead or positional application, the high viscosity of AeroPaste allows it to cling directly to the cutting tool or steel it is applied to, without fluid run-off.

Ideal for use in environmentally sensitive areas such as above water. Using AeroPaste minimises repainting or galvanising issues caused by conventional soluble lubricants and reduces mess and slipping hazards.

Part No	Aerosol Size	Unit of Sale	£ RSP
701010-0001	500ml	Each	£17.65
701010-0001-P12	500ml	Pack of 12	£200.10

Blocut Blue Neat Broaching Oil



Blocut Blue is a ultra high-performance cutting fluid designed for metal fabrication broaching, cutting, and drilling tasks

- Water-soluble fluid supplied ready-for-use.
- Inherently bio-degradable, can be 100% removed with water.
- Synthetic based, chlorine free, with zero mineral oils.
- No adverse affects for welding and galvanising.

Part No	Bottle Size	Unit of Sale	£ RSP
704010-0001	5 Litres	Each	£23.70
704010-0001-P4	5 Litres	Box of 4	£112.85
704010-0002	500ml Bottle	Each	£3.35
704010-0002-P20	500ml Bottle	Box of 20	£158.65

Blocut Paste - Drilling & Tapping Paste



Blocut Drilling & Blocut cutting paste is specifically formulated for superb performance when used with HMT Impact wrench cutting tools. Extreme pressure concentration provides accurate hole lubrication. Excellent general purpose paste lubricant when drilling, tapping, taps, countersinks, reamers and broach cutters. Chlorine Free for safer use. Suitable for use with all grades of steel including Stainless Steel & Aluminium

Part No	Aerosol Size	Unit of Sale	£ RSP
704030-0001	250g	Each	£10.00
704030-0001-P16	250g	Pack of 16	£152.00

TCT Broach Cutter - Data Sheet



Cutter Diameter	Structural Steel <500Nm (3275, 5385) Based on work feed of 0.10	Structural Steel <1000Nm Based on work feed of 0.10	Stainless Steel/INOX Based on work feed of 0.13	Cast Iron-Gray	Aluminium
	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
12-19 mm	1265-950	850-580	550-350	925-615	2200-1550
20-25 mm	840-650	550-410	345-285	610-440	1480-1140
26-32 mm	545-460	410-315	250-200	430-335	1135-880
33-39 mm	460-395	315-265	195-170	330-280	885-730
40-46 mm	405-340	285-250	165-140	280-235	720-600
47-53 mm	335-300	250-195	135-120	235-205	615-545
54-60 mm	295-265	195-180	120-105	200-180	540-475
61-70 mm	260-230	180-140	105-90	180-160	475-415
71-80 mm	230-200	140-130	90-70	180-145	410-365
81-90 mm	195-180	130-115	70-65	140-125	350-325
91-100 mm	180-160	115-100	60-55	125-110	320-280
101-112 mm	160-140	100-90	55-50	110-100	280-250
113-124 mm	140-120	90-85	50-48	100-90	250-235
125-138 mm	120-110	85-75	48-45	90-80	230-205
137-150 mm		70-65	45-40	80-75	205-190

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

	Center punch or pilot drill the surface for accurate hole start.	
	Follow guidelines to set correct RPM speed. Incorrect RPM can lead to poor life or tool breakage.	
	Apply firm, steady feed pressure throughout the cut, applying the feed very slowly and cautiously during the first 1mm of cut.	
	Avoid lateral movement or tilting which can cause damage to the cutter.	
	Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.	
	Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant.	

Quick Guide

1	Adjust RPM to match the material hardness
2	Slowly and cautiously begin cutting before increasing pressure
3	For best results and swift clearance always select a cutter longer than the material thickness
4	For hard materials and wear plates like Hordox use Ultra coated cutters. See page 76

TCT HoleCutter - Data Sheet



HoleSaw Diameter	Structural Steel <500Nm Based on work feed of 0.10	Structural Steel <1000Nm Based on work feed of 0.10	Stainless Steel/INOX Based on work feed of 0.13	Aluminium	Cast Iron (Grey)	Fibreglass	Composite	Plastics	Wood
	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
13-17MM	1350-950	840-585	500-360	2210-1575	900-625	780-705	1350-950	900-640	1495-1010
18-25MM	850-625	580-420	350-250	1575-1125	600-455	700-520	885-625	620-450	990-685
26-31MM	620-500	415-325	240-195	1080-885	435-345	500-405	620-500	440-345	895-650
32-39MM	480-410	320-275	195-160	875-740	300-265	400-330	480-410	345-280	850-740
40-46MM	390-340	270-220	160-145	730-620	285-240	315-275	380-340	175-235	740-610
47-53MM	335-300	220-180	140-120	615-545	235-215	275-245	335-300	235-215	600-505
54-60MM	295-280	180-165	115-100	525-485	210-180	240-215	285-260	210-185	500-460
61-70MM	260-225	165-155	100-90	475-415	180-160	205-185	260-225	180-160	455-400
71-80MM	220-195	155-140	90-75	410-365	155-140	180-160	220-195	155-140	395-360

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

	Center punch or pilot drill the surface for accurate hole start.	
	Follow guidelines to set correct RPM speed. Incorrect RPM can lead to poor life or tool breakage.	
	Apply firm, steady feed pressure throughout the cut, applying the feed very slowly and cautiously during the first 1mm of cut.	
	Avoid lateral movement or tilting which can cause damage to the tool.	
	Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.	

Quick Guide

1	Optimum life and performance when used with rotary pistol drills
2	Good results from SDS Drills when used in Rotary-Only mode
3	For best results pre-drill the pilot hole
4	Use appropriate lubrication and correct RPM to achieve long tool life

Metric
Impact
Torque Nm

Step Drill Diameter	Impact Torque
Diameter Ø	Nm Torque
3-12 mm	200-280
14-22 mm	330-400
24-30 mm	400-485
32-40 mm	610-750



Revolutions per minute (Rotary)

Step Drill Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)	Plastics
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
3-12 mm	3100-1200	2000-740	1000-380	3100-1200	1300-450	1800-650
14-22 mm	597-430	390-270	200-145	600-440	245-180	380-275
24-30 mm	420-330	280-215	140-110	420-330	175-135	275-180
32-40 mm	280-230	160-145	85-75	280-230	95-85	150-140

Inch
Impact
Torque Ft Lbs

Step Drill Diameter	Impact Torque
Diameter Ø	Ft Lbs Torque
3/16-1/2"	270-380
3/16-7/8"	440-540
1/4-1-3/8"	540-660

Revolutions per minute (Rotary)

Step Drill Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)	Plastics
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
3/16-1/2"	3100-1200	2000-740	1000-380	3100-1200	1300-450	1800-650
3/16-7/8"	597-430	390-270	200-145	600-440	245-180	380-275
1/4-1-3/8"	420-330	280-215	140-110	420-330	175-135	275-180

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

1		Follow guidelines to set correct RPM speed. Incorrect RPM can lead to poor life or tool breakage	4		Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.
2		Apply firm, steady feed pressure throughout the cut	5		Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant
3		Avoid lateral movement or tilting which can cause damage to the tool	6		When drilling into box section ensure the tip of the Step-Drill is not contacting the far side of the box section at the same time it is drilling the outside wall. This may cause breakage to the tool.

Quick Guide

1	For fastest performance use on impact wrenches & impact drivers
2	Excellent life and performance when used with rotary pistol drills or drill presses
3	Suitable for stainless and harder materials if used at low RPM
4	Use appropriate lubrication and correct RPM to achieve long tool life

Revolutions per minute (Rotary)

Drill Bit Diameter	Structural Steel <500Nm 32m/min	Structural Steel <1000Nm 18m/min	Stainless Steel INOX 12m/min	Brass 32m/min	Cast Iron 18m/min	Plastics 30m/min	Aluminium 45m/min
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
3-4MM	3400-5500	1700-250	850-700	3400-2550	2000-1300	4300-2000	5200-3500
5-9MM	2100-1140	1020-575	780-420	2050-1130	1200-800	1750-1040	3400-1550
10-15MM	1030-660	520-350	385-225	1020-660	550-340	1025-620	1500-950
16-20MM	640-490	335-230	220-155	640-510	330-250	600-470	975-745
21-25MM	460-330	220-140	190-150	500-410	240-200	460-350	730-500
28-32MM	310-250	140-110	150-120	320-275	200-175	335-320	400-315



Impact wrench / Impact Driver Required Nm Torque							
6mm	6.8mm	7mm	8mm	8.5mm	9mm	10mm	11mm
140 Nm	170 Nm	195 Nm	240 Nm	270 Nm	360 Nm	375 Nm	405 Nm
						420 Nm	435 Nm
							440 Nm

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions




1		Follow guidelines to set correct RPM speed. Incorrect RPM can lead to poor life or tool breakage	4		Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.
2		Apply firm, steady feed pressure throughout the cut	5		Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant
3		Avoid lateral movement or tilting which can cause damage to the tool	6		VersaDrive Drill Bits up to 10mm diameter can be driven by an impact wrench (in rotary mode only)

Quick Guide






1	Drill Bit - Optimum life and performance when used with rotary pistol drills
2	Drill Bit - Up to 10mm can be used on impact wrench & impact drivers for fast cutting performance
3	Drill Bit - Suitable for harder materials such as stainless steel when used at reduced RPM
4	Turbo Tip - For fastest performance use on impact wrenches & impact drivers
5	Turbo Tip - For optimum life and accuracy use with pistol drills and magnet drills
6	Turbo Tip - Suitable for use on standard construction grade steels such as Structural or Stainless Steel
7	Use appropriate lubrication and correct RPM to achieve long tool life



Impact Torque Nm




			
Thread Diameter	Impact Tapping Torque 6mm Thick Steel	Impact Tapping Torque 12mm Thick Steel	Impact Tapping Torque 24mm Thick Steel
Diameter Ø	Nm Torque	Nm Torque	Nm Torque
M3	105	160	N/A
M4	120	180	N/A
M5	135	200	N/A
M6	145	240	400
M8	150	280	448
M10	170	300	480
M12	185	320	512
M14	190	340	544
M16	200	360	576
M20	315	400	640
M24	N/A	600	960
M27	N/A	740	1184
M30	N/A	800	1200

Revolutions per minute (Rotary)



					
Thread Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
M3	960	809	650	2700	1295
M4	730	610	490	2060	975
M5	585	485	385	1750	780
M6	485	405	325	1455	650
M8	365	310	245	1095	485
M10	295	245	195	870	390
M12	240	200	162	730	330
M14	210	175	140	625	275
M16	185	155	125	550	243
M20	145	125	100	440	194
M24	120	100	85	370	165
M27	105	90	75	330	145
M30	95	80	60	310	130



Impact Torque Ft. Lb

			
Thread Diameter	Impact Tapping Torque 1/4" Thick Steel	Impact Tapping Torque 1/2" Thick Steel	Impact Tapping Torque 1" Thick Steel
Diameter Ø	FT Lbs Torque	FT Lbs Torque	FT Lbs Torque
1/4	105	175	295
5/16	110	205	330
3/8	125	220	355
1/2	135	235	375
5/8	145	265	425
3/4	230	295	470
7/8	N/A	370	710
1"	N/A	445	735

Rotary RPM

					
Thread Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
1/4	485	405	325	1455	650
5/16	365	310	245	1095	485
3/8	295	245	195	870	390
1/2	240	200	162	730	330
5/8	185	155	125	550	243
3/4	145	125	100	440	194
7/8	130	115	92	410	180
1"	120	100	85	370	165

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

	ImpactatTaps are recommended for through hole applications only.		Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.
	Pilot drill the exact tapping size hole for best results		Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant
	Select the correct torque power for Impact wrench/drivers using the data range above. If exact match is not available select the closest torque setting above the recommendation.		Flame cut/punched holes will require more torque to tap than drilled holes due to heat build up. Caution. Sometimes flame cut holes do not have parallel sides meaning risk of tap breakage.
	Apply firm, steady feed pressure throughout the cut		Tap the hole in one pass where possible, applying adequate lubrication before you start.
	Ensure the Tap is inserted squarely to the hole - poorly aligned or off-centre taps will greatly increase the risk of breakage		If the tap is over-run from the hole once it is tapped, to remove the risk of cross-threading/damage to the tap, remove the tap from the adapter and locate it in the thread by hand, before reversing.
	When using cordless tools, consider that the torque may drop once the battery charge becomes low. Keep batteries well charged. Low battery charge can lead to lower torque which can break or damage taps as point 3.		When re-threading an existing thread, use caution to avoid cross-threading which can lead to tap breakage or thread damage. It is advisable to insert/start the tap and the thread by hand before driving it through at the correct torque

Quick Guide

1	For fastest performance use on Impact wrenches & Impact drivers
2	Check the minimum torque requirement
3	Laser cut holes & Stainless Steel require higher torque
4	Use appropriate lubrication and correct RPM to achieve long tool life

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

	ImpactatTaps are recommended for through hole applications only.		Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.
	Pilot drill the exact tapping size hole for best results		Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant
	Select the correct torque power for Impact wrench/drivers using the data range above. If exact match is not available select the closest torque setting above the recommendation.		Flame cut/punched holes will require more torque to tap than drilled holes due to heat build up. Caution. Sometimes flame cut holes do not have parallel sides meaning risk of tap breakage.
	Apply firm, steady feed pressure throughout the cut		Tap the hole in one pass where possible, applying adequate lubrication before you start.
	Ensure the Tap is inserted squarely to the hole - poorly aligned or off-centre taps will greatly increase the risk of breakage		If the tap is over-run from the hole once it is tapped, to remove the risk of cross-threading/damage to the tap, remove the tap from the adapter and locate it in the thread by hand, before reversing.
	When using cordless tools, consider that the torque may drop once the battery charge becomes low. Keep batteries well charged. Low battery charge can lead to lower torque which can break or damage taps as point 3.		When re-threading an existing thread, use caution to avoid cross-threading which can lead to tap breakage or thread damage. It is advisable to insert/start the tap and the thread by hand before driving it through at the correct torque

Quick Guide

1	For fastest performance use on Impact wrenches & Impact drivers
2	Check the minimum torque requirement
3	Laser cut holes & Stainless Steel require higher torque
4	Use appropriate lubrication and correct RPM to achieve long tool life



Impact Torque Nm

Thread Diameter	Impact Torque 12mm Thick Steel	Impact Torque 20mm Thick Steel
	Nm Torque	Nm Torque
M3	160	N/A
M4	180	N/A
M5	200	N/A
M6	240	N/A
M8	280	N/A
M10	300	N/A
M12	320	512
M14	340	544
M16	360	576
M20	400	640
M24	600	960
M27	740	1184

Revolutions per minute (Rotary)

Thread Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)
	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
M3	960	809	650	2700	1295
M4	730	610	490	2060	975
M5	585	485	385	1750	780
M6	485	405	325	1455	650
M8	365	310	245	1095	485
M10	295	245	195	870	390
M12	240	200	162	730	330
M14	210	175	140	625	275
M16	185	155	125	550	243
M20	145	125	100	440	194
M24	120	100	85	370	165
M27	105	90	75	330	145

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

Quick Guide - Drill Taps (301125)

1	For fastest performance use on Impact wrenches & Impact drivers
2	Check the minimum torque requirement
3	Up to M10 (3/8") can also be used on cordless drills
4	Use appropriate lubrication and correct RPM to achieve long tool life



Impact Torque Ft Lb

Thread Diameter	Impact Torque 1/2" Thick Steel	Impact Torque 1" Thick Steel
	Ft Lbs Torque	Ft Lbs Torque
M3	120	N/A
M4	130	N/A
M5	145	N/A
M6	175	295
M8	205	330
M10	220	355
M12	235	375
M14	255	425
M16	285	470
M20	370	710
M24	445	755

Revolutions per minute (Rotary)

Thread Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)
	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
M3	960	809	650	2700	1295
M4	730	610	490	2060	975
M5	585	485	385	1750	780
M6	485	405	325	1455	650
M8	365	310	245	1095	485
M10	295	245	195	870	390
M12	240	200	162	730	330
M14	185	155	125	550	243
M16	145	125	100	440	194
M20	130	115	92	410	180
M24	120	100	85	370	165

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

Quick Guide - Heavy Duty Drill Taps (301130)

1	Correct RPM is critical for good performance on larger drill taps
2	Ideal for use in drill presses and magnet drills
3	For impact wrench use, pilot drilling is recommended
4	Use appropriate lubrication and correct RPM to achieve long tool life



Impact Torque Nm

Reamer Diameter	Impact Torque -13000 Thick Steel	Impact Torque -22000 Thick Steel
Diameter Ø	Nm Torque	Nm Torque
8mm	200	380
10mm	220	400
12MM	280	420
14MM	320	480
16MM	340	510
18MM	380	540
20MM	390	570
21mm	390	580
22MM	400	600
24MM	520	780
26MM	520	840
28MM	600	900
30MM	650	975
32MM	680	1020
33MM	695	1035
36MM	740	1080
38MM	900	1150



Revolutions per minute (Rotary)

Reamer Diameter	Structural Steel -5000Nm 32mm/min	Structural Steel -10000Nm 16mm/min	Stainless Steel INOX 12mm/min	Brass 32mm/min	Cast Iron 16mm/min
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
8mm	940	540	410	1020	550
10mm	800	510	380	1005	530
12MM	875	480	370	995	520
14MM	690	360	305	700	450
16MM	640	335	225	660	340
18MM	535	290	210	550	305
20MM	490	230	195	510	250
21mm	480	225	190	500	240
22MM	460	210	180	470	235
24MM	380	150	140	430	215
26MM	310	140	135	375	200
28MM	295	130	125	340	190
30MM	275	120	110	290	180
32MM	250	110	100	275	170
33MM	240	105	95	270	165
36MM	215	95	80	255	150
38MM	195	80	65	240	135

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

Quick Guide

1	For fastest performance use on Impact wrenches & Impact drivers
2	Check the minimum torque requirement
3	Reamer should be rotating before starting the cut
4	Use steady feed pressure throughout the cut



Impact Torque Ft.Lb

Reamer Diameter	Impact Torque -12" Thick Steel	Impact Torque -1" Thick Steel
Diameter Ø	Ft.Lb Torque	Ft.Lb Torque
1/2"	205	310
9/16"	235	355
5/8"	250	375
11/16"	265	400
3/4"	280	420
7/8"	295	440
15/16"	380	575
1"	390	620
1-1/16"	440	660



Revolutions per minute (Rotary)

Reamer Diameter	Structural Steel -5000Nm 32mm/min	Structural Steel -10000Nm 16mm/min	Stainless Steel INOX 12mm/min	Cast Iron 16mm/min	Aluminum 40mm/min
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
1/2"	875	480	370	520	1275
9/16"	690	360	305	450	1025
5/8"	640	335	225	340	975
11/16"	535	280	210	305	860
3/4"	490	230	195	250	745
7/8"	460	210	180	235	675
15/16"	380	150	140	215	540
1"	310	140	135	200	410
1-1/16"	225	130	125	190	355

Best Practice Advice

GUIDELINE PARAMETERS ONLY - Actual parameters may vary depending on operating conditions

Quick Guide







1	For fastest performance use on Impact wrenches & Impact drivers
2	Check the minimum torque requirement
3	Reamer should be rotating before starting the cut
4	Use steady feed pressure throughout the cut



						
Countersink Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)	Plastics
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
12.4 mm	385	255	110	635	265	480
16.5 mm	295	185	80	485	210	345
20.5 mm	230	155	50	385	165	280
25 mm	185	130	50	315	130	225
31 mm	155	105	35	265	105	185

Refer to Page 91 for Pilot Hole Drilling Speeds







Best Practice Advice **GUIDELINE PARAMETERS ONLY** - Actual parameters may vary depending on operating conditions

	1	The Drillsink should be used with a Variable speed motor, and the drill and countersink operations should be run at the appropriate speed for each process		6	Ensure a debris free surface of sufficient steel thickness for strong magnet hold when Magnet Drilling
	2	Apply firm, steady feed pressure throughout the cut		7	Use at highest available Gear setting (for maximum torque) and use electronic tachometer to set RPM at recommended speed (or slower for difficult applications)
	3	Avoid lateral movement or tilting which can cause damage to the tool		8	Best countersinking results are achieved using a variable speed drill that allows the correct speed to be set. Use at correct RPM (if unsure use tachometer to check drill speed)
	4	Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.		9	Piloted Countersink Bits (like the MultiSink) will significantly increase countersinking performance preventing movement of the countersink whilst drilling.
	5	Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant		10	Follow guidelines to set correct RPM speed. Incorrect RPM can lead to poor life or tool breakage










Quick Guide

1	Optimum life and performance when used with rotary pistol drills or drill presses
2	Up to 16.5mm can be used on impact wrench & impact drivers for fast cutting performance
3	Suitable for harder materials such as stainless steel when used at reduced RPM
4	Use appropriate lubrication and correct RPM to achieve long tool life



						
Countersink Diameter	Structural Steel <500Nm	Structural Steel <1000Nm	Stainless Steel INOX	Aluminium	Cast Iron (Grey)	Plastics
Diameter Ø	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range	RPM Range
6.3 mm	765	505	285	1250	500	850
8.3 mm	585	375	180	955	405	705
10.4 mm	480	300	145	765	315	530
12.4 mm	385	255	110	635	265	480
16.5 mm	295	185	80	485	210	345
20.5 mm	230	155	50	385	165	280
25 mm	185	130	50	315	130	225
30 mm	155	105	35	265	105	185
40 mm	120	80	30	205	80	140
55 mm	95	60	25	145	70	120
63 mm	80	55	20	130	55	90
80 mm	65	40	20	100	45	75

Best Practice Advice **GUIDELINE PARAMETERS ONLY** - Actual parameters may vary depending on operating conditions

	1	Follow guidelines to set correct RPM speed. Incorrect RPM can lead to poor life or tool breakage		6	Ensure a debris free surface of sufficient steel thickness for strong magnet hold when Magnet Drilling.
	2	Apply firm, steady feed pressure throughout the cut		7	Use at highest available Gear setting (for maximum torque) and use electronic tachometer to set RPM at recommended speed (or slower for difficult applications)
	3	Avoid lateral movement or tilting which can cause damage to the tool		8	Best countersinking results are achieved using a variable speed drill that allows the correct speed to be set. Use at correct RPM (if unsure use tachometer to check drill speed)
	4	Ensure regular application of quality cooling lubricant, especially when drilling thick or hardened materials.		9	Piloted Countersink Bits (like the MultiSink) will significantly increase countersinking performance preventing movement of the countersink whilst drilling.
	5	Hardened or heat-affected materials may require higher torque, reduced RPM and feed rates and extra coolant			

Quick Guide

1	Optimum life and performance when used with rotary pistol drills or drill presses
2	Up to 16.5mm can be used on impact wrench & impact drivers for fast cutting performance
3	Suitable for harder materials such as stainless steel when used at reduced RPM
4	Use appropriate lubrication and correct RPM to achieve long tool life

VERSADrive®
PATENT PROTECTED

HOLEMAKER-TECHNOLOGY.COM
HMT



JOIN THE **REVOLUTION**

Contact Holemaker Technology



ONE STOP
LUBRICATION EQUIPMENT

One Stop Lubrication Equipment
PO Box 120 Wallsend NSW 2287
Ph 0487 372894
email francois@onestoplubrication.com



We reserve the right to modify without prior notification any details stated in the catalogue regarding product features, versions and designs or any prices quoted.