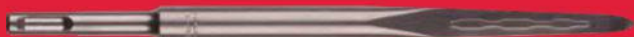


# SLEDGE™ CHISELS

**2X**  
**MORE LIFE**  
 \*VS STANDARD CHISELS

Our SLEDGE™ Chisels stay sharper for longer. Reinforced edges deliver maximum durability and reduced wear over the life of the chisel. We've engineered these chisels to maintain sharper edges for increased productivity with an optimized tip for fast removal of concrete, rust, cutting troughs, and asphalt.

No re-sharpening or re-hardening necessary for reduced downtime. High grade forged steel for maximum durability and longer life in concrete demolition over our standard scraping chisels. For use with SDS-Plus & Max rotary hammers.



**EXTRA LONG**  
 WORKING LENGTH

**SELF-SHARPENING TIP**

MADE IN  
**GERMANY**

**RE-GRINDED TIP**  
 STAYS SHARPER, BEST PERFORMANCE AND AVOIDS JAMMING

## SDS-Plus SLEDGE<sup>™</sup> self sharpening chisels

**NEW**

Up to 2x longer life compared to standard chisels.  
 Self-sharpening tip geometry.  
 Extra long working length for more material removal.  
 Re-grinded tip stays sharper for longer and avoids jamming.  
 Made in Germany.

| Description                                   | Total length (mm) | Blade width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---|-------------------|------------------|---------------|---------------------|----------------|---------------|
| ① SDS-Plus SLEDGE <sup>™</sup> pointed chisel | 250               | -                | 1             | 1                   | 4932478262     | 4058546344399 |
|   |                   |                  | 10            | 1                   | 4932478272     | 4058546344498 |
| ② SDS-Plus SLEDGE <sup>™</sup> flat chisel    | 250               | 20               | 1             | 1                   | 4932478263     | 4058546344405 |
|   |                   |                  | 10            | 1                   | 4932478273     | 4058546344504 |
| ③ SDS-Plus SLEDGE <sup>™</sup> wide chisel    | 250               | 40               | 1             | 1                   | 4932478264     | 4058546344412 |
| ④ SDS-Plus SLEDGE <sup>™</sup> tile chisel    | 250               | 50               | 1             | 1                   | 4932478265     | 4058546344429 |

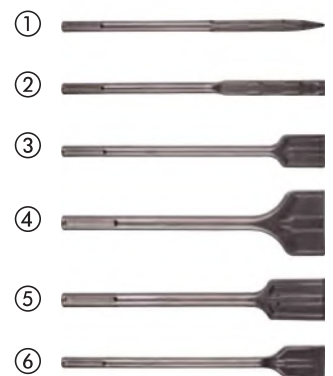


## SDS-Max SLEDGE<sup>™</sup> self sharpening chisels

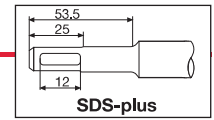
**NEW**

Up to 2x longer life compared to standard chisels.  
 Self sharpening tip geometry.  
 Extra long working length for more material removal.  
 Re-grinded tip stays sharper for longer and avoids jamming.  
 Made in Germany.

| Description                                  | Total length (mm) | Blade width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|-------------------|------------------|---------------|---------------------|----------------|---------------|
| ① SDS-Max SLEDGE <sup>™</sup> pointed chisel | 400               | -                | 1             | 1                   | 4932478266     | 4058546344436 |
|  |                   |                  | 20            | 1                   | 4932478274     | 4058546344511 |
| ② SDS-Max SLEDGE <sup>™</sup> flat chisel    | 400               | 25               | 1             | 1                   | 4932478267     | 4058546344443 |
|  |                   |                  | 20            | 1                   | 4932478275     | 4058546344528 |
| ③ SDS-Max SLEDGE <sup>™</sup> 2 wide chisel  | 380               | 50               | 1             | 1                   | 4932478268     | 4058546344450 |
| ④ SDS-Max SLEDGE <sup>™</sup> 3 wide chisel  | 300               | 80               | 1             | 1                   | 4932478269     | 4058546344467 |
| ⑤ SDS-Max SLEDGE <sup>™</sup> tile chisel    | 380               | 50               | 1             | 1                   | 4932478270     | 4058546344474 |
| ⑥ SDS-Max SLEDGE <sup>™</sup> tile chisel    | 300               | 50               | 1             | 1                   | 4932478271     | 4058546344481 |



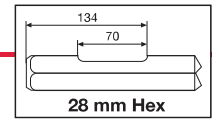
## SDS-Plus chisels



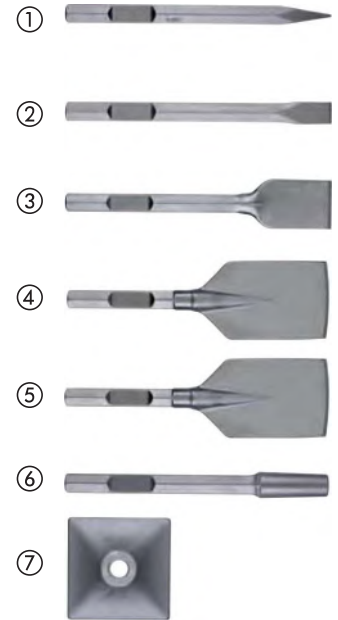
| Description  | Total length (mm) | Blade width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|-------------------|------------------|---------------|---------------------|----------------|---------------|
| ① SDS-Plus thin pointed chisel   | 180               | -                | 1             | 1                   | 4932451731     | 4002395276813 |
| ② SDS-Plus pointed chisel  | 250               | -                | 1             | 1                   | 4932339625     | 4002395304813 |
| ③ SDS-Plus thin flat chisel  | 180               | 14               | 1             | 1                   | 4932451732     | 4002395276820 |
| ④ SDS-Plus flat chisel   | 250               | 20               | 1             | 1                   | 4932339626     | 4002395304820 |
| ⑤ SDS-Plus wide chisel   | 250               | 40               | 1             | 1                   | 4932367146     | 4002395334377 |
| ⑥ SDS-Plus 3 pc chisel set: 1 x Pointed chisel, 1 x Flat chisel, 1 x Wide chisel | 250               | -                | 3             | 1                   | 4932430001     | 4002395376629 |
| ⑦ SDS-Plus tile removal chisel   | 250               | 40               | 1             | 1                   | 4932353424     | 4002395320202 |
|  | 250               | 50               | 1             | 1                   | 4932352343     | 4002395370023 |
| ⑧ SDS-Plus gouge chisel  | 250               | 22               | 1             | 1                   | 4932339627     | 4002395304837 |
| ⑨ SDS-Plus plaster removal chisel  | 165               | 75               | 1             | 1                   | 4932352344     | 4002395370030 |
| ⑩ SDS-Plus floor / wall scraper  | 250               | 100              | 1             | 1                   | 4932352919     | 4002395375776 |
| Spare 1 mm thick floor / wall scraper blade with 3 x bolts / nuts                | -                 | -                | 1             | 1                   | 4932352920     | 4002395375783 |
| ⑪ SDS-Plus mortar chisel   | 125               | 32               | 1             | 1                   | 4932472029     | 4058546324254 |
|  | 200               | 32               | 1             | 1                   | 4932472030     | 4058546324261 |



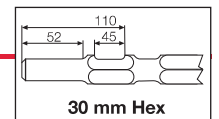
## 28 mm Hex chisels



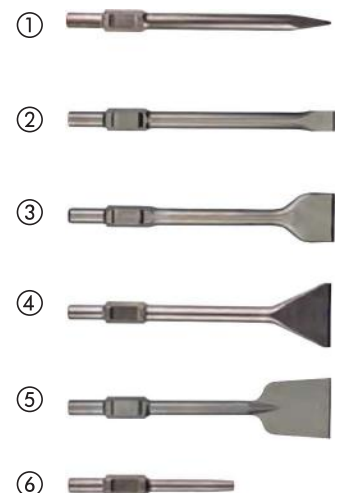
| Description                         | Total length (mm) | Blade width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-------------------------------------|-------------------|------------------|---------------|---------------------|----------------|---------------|
| ① 28 mm Hex pointed chisel          | 400               | -                | 1             | 1                   | 4932459774     | 4058546029463 |
| ② 28 mm Hex 400 x 35 mm flat chisel | 400               | 35               | 1             | 1                   | 4932459775     | 4058546029470 |
| ③ 28 mm Hex flat wide chisel        | 400               | 80               | 1             | 1                   | 4932459776     | 4058546029487 |
| ④ 28 mm Hex spade chisel            | 400               | 125              | 1             | 1                   | 4932459777     | 4058546029494 |
| ⑤ 28 mm Hex asphalt cutter          | 400               | 90               | 1             | 1                   | 4932459778     | 4058546029500 |
| ⑥ 28 mm Hex taper tool holder       | -                 | -                | 1             | 1                   | 4932459779     | 4058546029517 |
| ⑦ 28 mm Hex tamping plate           | 200               | 200              | 1             | 1                   | 4932459780     | 4058546029524 |



## 30 mm Hex chisels



| Description                  | Total length (mm) | Blade width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|------------------------------|-------------------|------------------|---------------|---------------------|----------------|---------------|
| ① 30 mm Hex pointed chisel   | 400               | -                | 1             | 1                   | 4932464162     | 4058546221072 |
| ② 30 mm Hex flat chisel      | 400               | 32               | 1             | 1                   | 4932464163     | 4058546221089 |
| ③ 30 mm Hex flat wide chisel | 400               | 75               | 1             | 1                   | 4932464164     | 4058546221096 |
| ④ 30 mm Hex spade chisel     | 400               | 100              | 1             | 1                   | 4932464165     | 4058546221102 |
| ⑤ 30 mm Hex asphalt cutter   | 400               | 90               | 1             | 1                   | 4932464166     | 4058546221119 |
| ⑥ 30 mm Hex taper toolholder | -                 | -                | 1             | 1                   | 4932464167     | 4058546221126 |





Nothing but **HEAVY DUTY.**<sup>™</sup>



# 4X

## LIFE IN REBAR\*

\*Vs Standard 2 cutter drill bit

At MILWAUKEE®, we strive to do things better. To make life easier in the toughest working conditions. We pour our energy into the relentless improvement of our products, and even the most minor improvements begin with understanding the challenges of the jobsite.

This intrinsic understanding of the challenge has led to the creation of our next generation MX4™, a game-changer in drill bit technology. Solid carbide construction means longer life, Target Tip Technology and a shaper angled tip means greater accuracy and next level speed in drilling through the toughest materials.

**MX4™ is the benchmark in SDS-Plus and SDS-Max drill bits. Because at MILWAUKEE®, every bit matters.**



**NEW**



# TARGET TIP TECHNOLOGY

IMPROVED PERFORMANCE ON REBAR



**FULL CARBIDE TIP\***

FOR BEST PERFORMANCE

\*≤10MM



**SHARPER ANGLED TIP**

IMPROVED REBAR PERFORMANCE

# 116 HOLES PER CHARGE\*

\* at a depth of 50mm with a 6mm MX4 drill bit, using a 5.5amp High output battery.

## PRECISION GERMAN ENGINEERING

## 4 VARIABLE FLUTE DESIGN

FOR FASTER DRILLING



**PGM RATED**

FOR PRECISE DRILLING

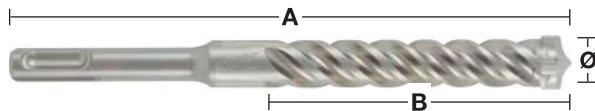
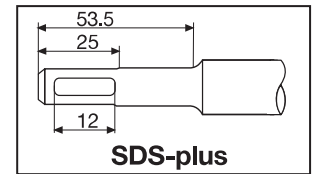
**NEW TARGET TIP TECHNOLOGY**



## SDS-Plus MX4 drill bits - 4 cut

**NEW**


Symmetrical 4 cutter geometry (4 x 90°). Perfect round holes for optimal anchor fitting  
 New sharper angled tip design for easy spot drilling with pinpoint accuracy and increased performance on rebar  
 One piece solid full welded carbide tip on 5-10 mm and one piece slotted carbide tip on 12-32 mm for best lifetime  
 4 flute geometry: The high volume 4 flute geometry ensures the optimum removal of dust and debris  
 PGM rated  
 Made in Germany



| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pre-drill | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|-----------|---------------|---------------------|----------------|---------------|
| 5             | 115                 | 50                    |           | 1             | 1                   | 4932352007     | 4002395366644 |
| 5             | 165                 | 100                   |           | 1             | 1                   | 4932352008     | 4002395368891 |
| 5             | 215                 | 150                   |           | 1             | 1                   | 4932478465     | 4058546346560 |
| 5             | 265                 | 200                   |           | 1             | 1                   | 4932478466     | 4058546346577 |
| 5             | 315                 | 250                   |           | 1             | 1                   | 4932478467     | 4058546346584 |
| 5.5           | 115                 | 50                    |           | 1             | 1                   | 4932352009     | 4002395368907 |
| 5.5           | 165                 | 100                   |           | 1             | 1                   | 4932352010     | 4002395368914 |
| 5.5           | 215                 | 150                   |           | 1             | 1                   | 4932478469     | 4058546346607 |
| 5.5           | 315                 | 250                   |           | 1             | 1                   | 4932478470     | 4058546346614 |
| 6             | 115                 | 50                    |           | 1             | 1                   | 4932352011     | 4002395368921 |
| 6             | 165                 | 100                   |           | 1             | 1                   | 4932352012     | 4002395368938 |
| 6             | 215                 | 150                   |           | 1             | 1                   | 4932352013     | 4002395366705 |
| 6             | 265                 | 200                   |           | 1             | 1                   | 4932352014     | 4002395366712 |
| 6             | 315                 | 250                   |           | 1             | 1                   | 4932352015     | 4002395366729 |
| 6.5           | 165                 | 100                   |           | 1             | 1                   | 4932430146     | 4002395378074 |
| 6.5           | 215                 | 150                   |           | 1             | 1                   | 4932352016     | 4002395366736 |
| 6.5           | 265                 | 200                   |           | 1             | 1                   | 4932352017     | 4002395366743 |
| 6.5           | 315                 | 250                   |           | 1             | 1                   | 4932352018     | 4002395366750 |
| 6.5           | 465                 | 400                   |           | 1             | 1                   | 4932464596     | 4058546225414 |
| 7             | 115                 | 50                    |           | 1             | 1                   | 4932352019     | 4002395366767 |
| 7             | 165                 | 100                   |           | 1             | 1                   | 4932352020     | 4002395366774 |
| 8             | 115                 | 50                    |           | 1             | 1                   | 4932352021     | 4002395366781 |
| 8             | 165                 | 100                   |           | 1             | 1                   | 4932352022     | 4002395366798 |
| 8             | 215                 | 150                   |           | 1             | 1                   | 4932352023     | 4002395366804 |
| 8             | 265                 | 200                   |           | 1             | 1                   | 4932352024     | 4002395366811 |
| 8             | 315                 | 250                   |           | 1             | 1                   | 4932352712     | 4002395373703 |
| 8             | 465                 | 400                   | ✓         | 1             | 1                   | 4932352713     | 4002395373710 |
| 9             | 165                 | 100                   |           | 1             | 1                   | 4932352944     | 4002395376025 |
| 10            | 115                 | 50                    |           | 1             | 1                   | 4932352025     | 4002395366828 |
| 10            | 165                 | 100                   |           | 1             | 1                   | 4932352026     | 4002395366835 |
| 10            | 215                 | 150                   |           | 1             | 1                   | 4932352027     | 4002395366842 |
| 10            | 265                 | 200                   |           | 1             | 1                   | 4932352028     | 4002395366859 |
| 10            | 315                 | 250                   |           | 1             | 1                   | 4932352029     | 4002395366866 |
| 10            | 455                 | 390                   | ✓         | 1             | 1                   | 4932352030     | 4002395366873 |
| 10            | 600                 | 540                   | ✓         | 1             | 1                   | 4932352945     | 4002395376032 |
| 10            | 1000                | 940                   | ✓         | 1             | 1                   | 4932352946     | 4002395376049 |
| 12            | 160                 | 100                   |           | 1             | 1                   | 4932352031     | 4002395366880 |
| 12            | 210                 | 160                   |           | 1             | 1                   | 4932352032     | 4002395366897 |
| 12            | 260                 | 210                   |           | 1             | 1                   | 4932352033     | 4002395366903 |
| 12            | 310                 | 250                   |           | 1             | 1                   | 4932352034     | 4002395366910 |
| 12            | 450                 | 400                   | ✓         | 1             | 1                   | 4932352035     | 4002395366927 |
| 12            | 600                 | 540                   | ✓         | 1             | 1                   | 4932352947     | 4002395376056 |
| 12            | 1000                | 940                   | ✓         | 1             | 1                   | 4932352948     | 4002395376063 |
| 14            | 160                 | 110                   |           | 1             | 1                   | 4932352036     | 4002395366934 |
| 14            | 210                 | 150                   |           | 1             | 1                   | 4932352037     | 4002395366941 |
| 14            | 260                 | 200                   |           | 1             | 1                   | 4932352949     | 4002395376070 |
| 14            | 310                 | 250                   |           | 1             | 1                   | 4932352038     | 4002395366958 |

✓ Pre drill with a short drill bit of the same diameter.

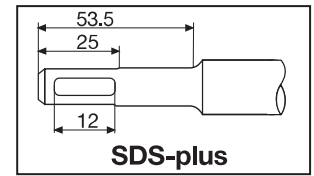


# SDS-Plus M2 drill bits - 2 cut

Made in Germany

**FASTEST:** New aggressive tip geometry with 3 chip breakers demolishes the concrete quicker and a tapered shoulder design minimises friction enabling the M2 drill bit to deliver faster drilling speed

**DURABILITY:** Rebar chamfers on the tip prevent side tip damage when hitting metal reinforcement and a thicker core body ensures higher power transfer, lower vibrations and less flute breakages

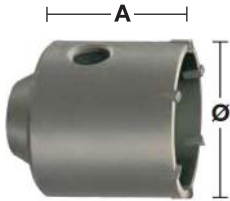
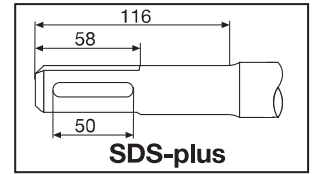


| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pre-drill | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|-----------|---------------|---------------------|----------------|---------------|
| 3             | 110                 | 50                    |           | 1             | 1                   | 4932352892     | 4002395375509 |
| 3.5           | 110                 | 50                    |           | 1             | 1                   | 4932373908     | 4002395353378 |
| 4             | 110                 | 50                    |           | 1             | 1                   | 4932339498     | 4002395304561 |
| 4             | 160                 | 100                   |           | 1             | 1                   | 4932399143     | 4002395357505 |
| 4.8           | 110                 | 50                    |           | 1             | 1                   | 4932352130     | 4002395367832 |
| 5             | 110                 | 50                    |           | 1             | 1                   | 4932307067     | 4002395308835 |
| 5             | 160                 | 100                   |           | 1             | 1                   | 4932399315     | 4002395359431 |
| 5             | 210                 | 150                   |           | 1             | 1                   | 4932399316     | 4002395359448 |
| 5.5           | 110                 | 50                    |           | 1             | 1                   | 4932339499     | 4002395304578 |
| 5.5           | 160                 | 100                   |           | 1             | 1                   | 4932340408     | 4002395311910 |
| 5.5           | 210                 | 150                   |           | 1             | 1                   | 4932399317     | 4002395359455 |
| 5.5           | 260                 | 200                   |           | 1             | 1                   | 4932399318     | 4002395359462 |
| 5.5           | 310                 | 250                   |           | 1             | 1                   | 4932399319     | 4002395359479 |
| 5.5           | 410                 | 350                   |           | 1             | 1                   | 4932399320     | 4002395359486 |
| 6             | 110                 | 50                    |           | 1             | 1                   | 4932307068     | 4002395308842 |
| 6             | 160                 | 100                   |           | 1             | 1                   | 4932307069     | 4002395308859 |
| 6             | 210                 | 150                   |           | 1             | 1                   | 4932373136     | 4002395346394 |
| 6             | 260                 | 200                   |           | 1             | 1                   | 4932353819     | 4002395320127 |
| 6             | 310                 | 250                   |           | 1             | 1                   | 4932399321     | 4002395359493 |
| 6             | 460                 | 400                   | ✓         | 1             | 1                   | 4932399322     | 4002395359509 |
| 6.5           | 110                 | 50                    |           | 1             | 1                   | 4932344292     | 4002395312276 |
| 6.5           | 160                 | 100                   |           | 1             | 1                   | 4932344293     | 4002395312269 |
| 6.5           | 210                 | 150                   |           | 1             | 1                   | 4932399147     | 4002395357574 |
| 6.5           | 260                 | 200                   |           | 1             | 1                   | 4932399148     | 4002395357581 |
| 6.5           | 310                 | 260                   |           | 1             | 1                   | 4932399323     | 4002395359516 |
| 7             | 110                 | 50                    |           | 1             | 1                   | 4932353820     | 4002395320134 |
| 7             | 160                 | 100                   |           | 1             | 1                   | 4932340409     | 4002395311927 |
| 7             | 210                 | 150                   |           | 1             | 1                   | 4932399222     | 4002395358366 |
| 7             | 250                 | 200                   |           | 1             | 1                   | 4932399324     | 4002395359523 |
| 8             | 110                 | 50                    |           | 1             | 1                   | 4932307070     | 4002395308866 |
| 8             | 160                 | 100                   |           | 1             | 1                   | 4932307071     | 4002395308873 |
| 8             | 210                 | 150                   |           | 1             | 1                   | 4932307072     | 4002395308880 |
| 8             | 260                 | 200                   |           | 1             | 1                   | 4932353821     | 4002395320141 |
| 8             | 310                 | 250                   |           | 1             | 1                   | 4932399325     | 4002395359530 |
| 8             | 400                 | 350                   |           | 1             | 1                   | 4932399326     | 4002395359547 |
| 8             | 460                 | 400                   | ✓         | 1             | 1                   | 4932367013     | 4002395336692 |
| 8             | 600                 | 540                   | ✓         | 1             | 1                   | 4932399327     | 4002395359554 |
| 8             | 1000                | 940                   | ✓         | 1             | 1                   | 4932399328     | 4002395359561 |
| 9             | 160                 | 100                   |           | 1             | 1                   | 4932353823     | 4002395320165 |
| 9             | 210                 | 150                   |           | 1             | 1                   | 4932353822     | 4002395320158 |
| 10            | 110                 | 50                    |           | 1             | 1                   | 4932340410     | 4002395311934 |
| 10            | 160                 | 100                   |           | 1             | 1                   | 4932307073     | 4002395308897 |
| 10            | 210                 | 150                   |           | 1             | 1                   | 4932307074     | 4002395308903 |
| 10            | 260                 | 200                   |           | 1             | 1                   | 4932344295     | 4002395312252 |
| 10            | 310                 | 250                   |           | 1             | 1                   | 4932353824     | 4002395320172 |
| 10            | 450                 | 400                   | ✓         | 1             | 1                   | 4932344296     | 4002395312245 |
| 10            | 600                 | 550                   | ✓         | 1             | 1                   | 4932367014     | 4002395336708 |
| 10            | 1000                | 950                   | ✓         | 1             | 1                   | 4932367015     | 4002395336715 |

✓ Pre drill with a short drill bit of the same diameter.

## SDS-Plus TCT core cutters

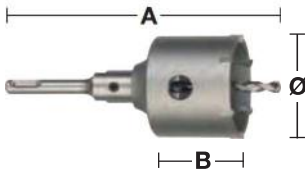
Core cutters for rotary hammers up to 4 kg.  
 All TCT cores have a M16 x 2 thread and fit to both SDS-Plus and Hex 11 arbors.  
 Arbor and pilot drill bit required additionally.  
 Made in Germany.  
 Not suitable for reinforced concrete.



| Diameter (mm) | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|---------------|---------------------|----------------|---------------|
| 35            | 58                  | 1             | 1                   | 4932344478     | 4002395312559 |
| 50            | 58                  | 1             | 1                   | 4932344479     | 4002395312566 |
| 65            | 50                  | 1             | 1                   | 4932344480     | 4002395312573 |
| 68            | 50                  | 1             | 1                   | 4932399099     | 4002395357031 |
| 82            | 50                  | 1             | 1                   | 4932344481     | 4002395312580 |
| 90            | 50                  | 1             | 1                   | 4932344482     | 4002395312597 |

## SDS-Plus TCT core cutter - set

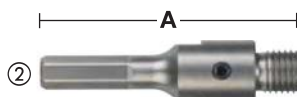
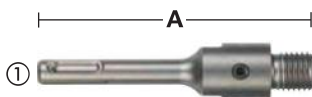
Set version includes: TCT core cutter, SDS-Plus arbor 105 mm length, TCT pilot drill bit Ø 8 x 120 mm and allen key.



| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|---------------|---------------------|----------------|---------------|
| 65            | 182                 | 50                    | 4             | 1                   | 4932399295     | 4002395359097 |
| 68            | 182                 | 50                    | 4             | 1                   | 4932399296     | 4002395359103 |
| 82            | 182                 | 50                    | 4             | 1                   | 4932399297     | 4002395359110 |

## SDS-Plus TCT core cutter arbors

Both SDS-Plus and Hex arbors include an allen key and require a pilot drill bit additionally.



| Description  | Reception | Diameter (mm) | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|-----------|---------------|---------------------|---------------|---------------------|----------------|---------------|
| ① SDS-plus arbor   | SDS-Plus  |               | 105                 | 2             | 1                   | 4932399966     | 4002395366255 |
| ① SDS-plus arbor   | SDS-Plus  |               | 370                 | 2             | 1                   | 4932399967     | 4002395366262 |
| ② Hex arbor  | 11 mm Hex |               | 90                  | 2             | 1                   | 4932399968     | 4002395366279 |
| ③ TCT pilot drill bit for use in masonry, concrete, brick etc. |           | 8             | 120                 | 1             | 1                   | 4932399125     | 4002395357291 |



## SDS-Max vario extension system

Flexible tool system: can be extended to variable lengths in combination with core cutters or tunnel bits.

We recommend a maximum of 3 extensions.

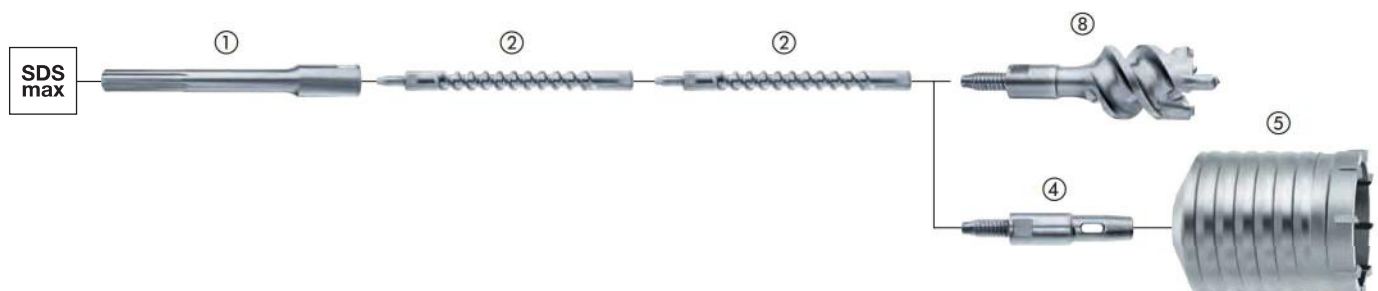
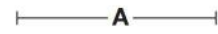
Cost effective: different drill sizes can be exchanged easily and fast with the threaded stud system.

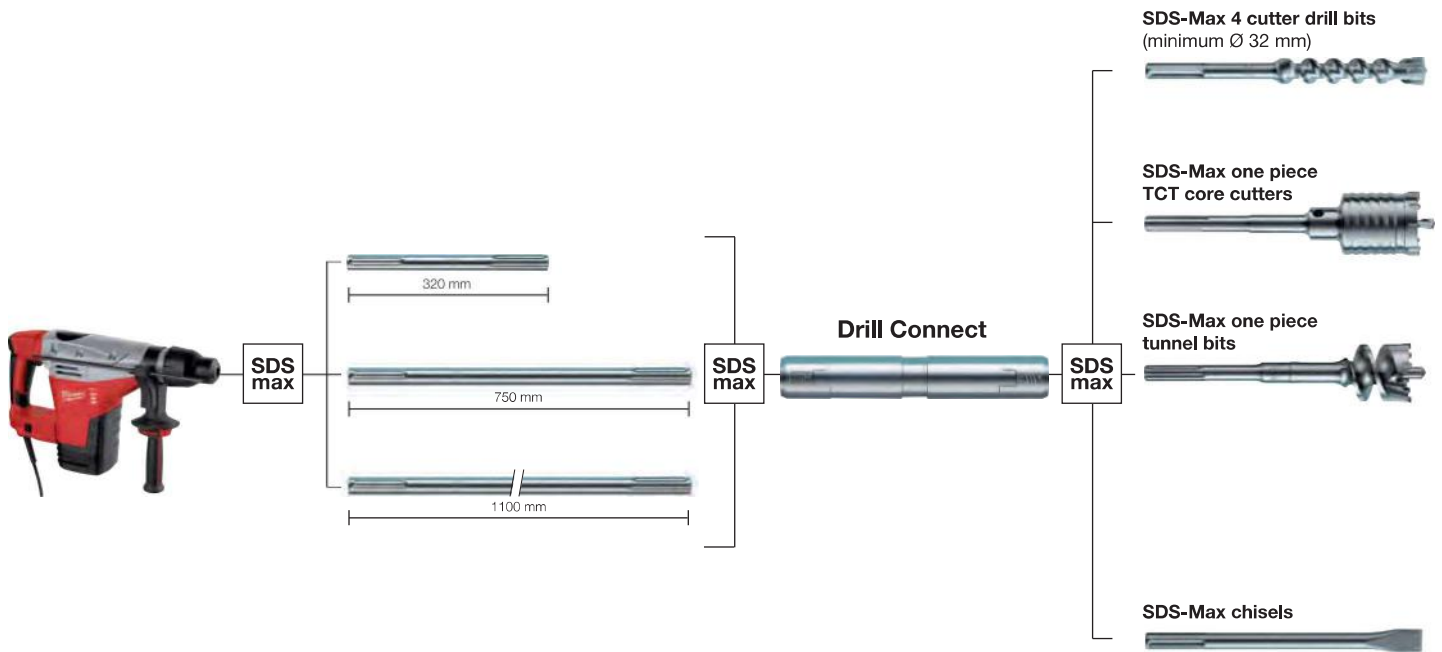
Suitable for rotary hammers up to 8 kg.

Vario tunnel bits (supplied with thread).

Not suitable for reinforced concrete.

| Description   | Diameter (mm) | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---|---------------|---------------------|---------------|---------------------|----------------|---------------|
| ① SDS-Max arbor with internal thread                            | -             | 195                 | 1             | 1                   | 4932430736     | 4002395383979 |
| ② Vario extension (incl. threaded stud)                         | 25            | 280                 | 1             | 1                   | 4932430737     | 4002395383986 |
| ③ Vario threaded stud   | -             | -                   | 1             | 1                   | 4932430738     | 4002395383993 |
| ④ Vario threaded stud with tapered end 1:8 for TCT core cutters | -             | -                   | 1             | 1                   | 4932430748     | 4002395384099 |
| ⑤ TCT core cutter   | 40            | 100                 | 1             | 1                   | 4932245992     | 4002395307180 |
|   | 50            | 100                 | 1             | 1                   | 4932430732     | 4002395383931 |
|   | 60            | 100                 | 1             | 1                   | 4932430733     | 4002395383948 |
|   | 65            | 100                 | 1             | 1                   | 4932245994     | 4002395307203 |
|   | 68            | 100                 | 1             | 1                   | 4932430734     | 4002395383955 |
|   | 80            | 100                 | 1             | 1                   | 4932245995     | 4002395307210 |
|   | 90            | 100                 | 1             | 1                   | 4932430735     | 4002395383962 |
|   | 100           | 100                 | 1             | 1                   | 4932367304     | 4002395336432 |
|   | 125           | 100                 | 1             | 1                   | 4932367306     | 4002395336456 |
|   | 150           | 100                 | 1             | 1                   | 4932367308     | 4002395336470 |
| ⑥ Ejector tool  | -             | -                   | 1             | 1                   | 4932604214     | 4002395311231 |
| ⑦ Pilot drill bit   | 11            | 120                 | 1             | 1                   | 4932245967     | 4002395307111 |
| ⑧ Vario tunnel drill bits (supplied with thread)                | 30            | 150                 | 1             | 1                   | 4932430739     | 4002395384006 |
|   | 35            | 150                 | 1             | 1                   | 4932430740     | 4002395384013 |
|   | 40            | 150                 | 1             | 1                   | 4932430743     | 4002395384044 |
|   | 45            | 150                 | 1             | 1                   | 4932430744     | 4002395384051 |
|   | 55            | 150                 | 1             | 1                   | 4932430745     | 4002395384068 |
|   | 60            | 150                 | 1             | 1                   | 4932430741     | 4002395384020 |
|   | 68            | 150                 | 1             | 1                   | 4932430746     | 4002395384075 |
|   | 80            | 150                 | 1             | 1                   | 4932430747     | 4002395384082 |
|   | 90            | 150                 | 1             | 1                   | 4932430742     | 4002395384037 |

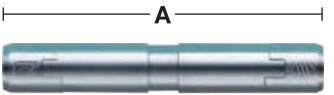




## Drill connect

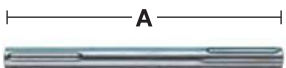
Suitable for use with drilling tools with a Ø of 32 mm and above.  
For use with rotary hammers up to 8 kg in weight.

| Description   | Tool reception | Drill connect reception | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|----------------|-------------------------|---------------------|---------------|---------------------|----------------|---------------|
| Drill connect | SDS-Max        | SDS-Max                 | 190                 | 1             | 1                   | 4932399128     | 4002395357321 |



## Extension pieces

| Description       | Tool reception | Drill connect reception | Length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-------------------|----------------|-------------------------|---------------|---------------|---------------------|----------------|---------------|
| SDS-Max extension | SDS-Max        | SDS-Max                 | 320           | 1             | 1                   | 4932399242     | 4002395358533 |
| SDS-Max extension | SDS-Max        | SDS-Max                 | 750           | 1             | 1                   | 4932399129     | 4002395357338 |
| SDS-Max extension | SDS-Max        | SDS-Max                 | 1100          | 1             | 1                   | 4932399243     | 4002395358540 |



## Grease

This grease has been specially formulated to lubricate and protect both the tool and accessories ensuring increased lifetime.

Apply sparingly directly onto the reception of the drill bit, chisel or core cutter, etc.  
Contains 50 grams.

| Description                                  | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|---------------|---------------------|----------------|---------------|
| Grease                                       | 1             | 1                   | 4932352273     | 4002395369324 |
| Counter display with 15 x single grease tube | 15            | 1                   | 4932352274     | 4002395369331 |



# SHOCKWAVE IMPACT DUTY

## Multi material drill bits

**NEW**

Impact rated: Designed for use with impact drivers and all types of 3 jaw chuck tools like rotary drill/ drivers and percussion drills.

Hex shank up to 260mm total length, 3 flat shank on 400mm total length drill bits.

Tungsten carbide tipped (TCT) drill bits allow drilling into concrete, bricks, roof tiles, aerated concrete blocks, thin metal, aluminium, soft to medium hardness ceramic tiles, all wood types and PVC.

White flute to identify the drill bit easily in the users tool box.

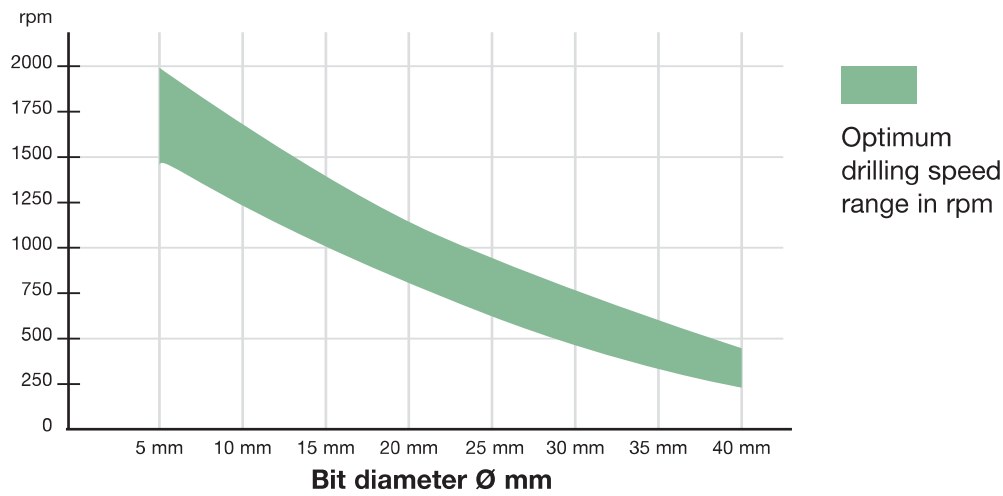
| Diameter (mm)                             | Total length (mm)   | Working length (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---|---|---------------------|---------------|---------------------|----------------|---------------|
| 3   | 90  | 45                  | 1             | 1                   | 4932471091     | 4058546287191 |
| 4   | 90  | 45                  | 1             | 1                   | 4932471092     | 4058546287207 |
| 5   | 100   | 50                  | 1             | 1                   | 4932471093     | 4058546287214 |
| 5.5                                       | 100   | 50                  | 1             | 1                   | 4932471094     | 4058546287221 |
| 5.5                                       | 150   | 90                  | 1             | 1                   | 4932471095     | 4058546287238 |
| 6   | 100   | 50                  | 1             | 1                   | 4932471096     | 4058546287245 |
| 6   | 150   | 90                  | 1             | 1                   | 4932471097     | 4058546287252 |
| 6   | 200   | 140                 | 1             | 1                   | 4932471098     | 4058546287269 |
| 6   | 400   | 340                 | 1             | 1                   | 4932471099     | 4058546287276 |
| 6.5                                       | 150   | 100                 | 1             | 1                   | 4932471100     | 4058546287283 |
| 6.5                                       | 200   | 140                 | 1             | 1                   | 4932471101     | 4058546287290 |
| 6.5                                       | 400   | 340                 | 1             | 1                   | 4932471102     | 4058546287306 |
| 7   | 100   | 50                  | 1             | 1                   | 4932471103     | 4058546287313 |
| 8   | 120   | 60                  | 1             | 1                   | 4932471104     | 4058546287320 |
| 8   | 260   | 200                 | 1             | 1                   | 4932471105     | 4058546287337 |
| 8   | 400   | 340                 | 1             | 1                   | 4932471106     | 4058546287344 |
| 10  | 120   | 60                  | 1             | 1                   | 4932471107     | 4058546287351 |
| 10  | 260   | 200                 | 1             | 1                   | 4932471108     | 4058546287368 |
| 10  | 400   | 340                 | 1             | 1                   | 4932471109     | 4058546287375 |
| 12  | 150   | 90                  | 1             | 1                   | 4932471110     | 4058546287382 |
| 12  | 260   | 260                 | 1             | 1                   | 4932471111     | 4058546287399 |
| <b>Multi material drill bit set (8pc)</b> |   |                     |               |                     |                |               |
| ①   | Ø 4 x 90 mm, Ø 5 / 5.5 / 6 / 6 x 100 mm, Ø 8 / 10 x 120 mm, Ø 12 x 150 mm |                     | 8             | 6                   | 4932471112     | 4058546287405 |
| <b>Multi material drill bit set (8pc)</b> |   |                     |               |                     |                |               |
|   | Ø 4 x 90mm, Ø 5 / 5.5 / 5.5 x 100mm, Ø 6 / 7 x 100mm, Ø 8 / 10 x 120mm    |                     | 8             | 6                   | 4932471113     | 4058546287412 |



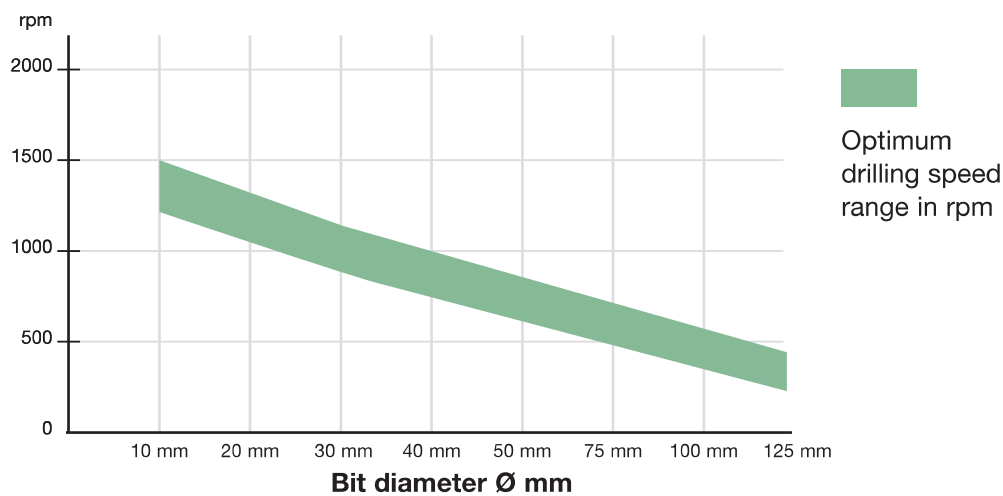
**Wood drilling speeds**

The following tables give recommended drilling speeds for the most efficient cutting speed. The tables should only be used as a guide and are dependant on the user and material being drilled.

**Auger bits**



**Forstner bits / Selffeed bits**



## SWITCHBLADE™ selffeed bits

**Speed:** Aggressive feed screw design allows the bit to pull through the wood faster and without effort, resulting in faster drilling.

**Replaceable SWITCHBLADE™:** The SWITCHBLADE™ replaceable blade system ensures your blade is always razor sharp. It increases productivity by eliminating resharpening downtime and it increases the overall life of the bit.

**Application:** Suitable for all general contractors, electricians, plumbers and HVAC engineers who require to drill through holes in wood for all types of pipe, vents and wire trunking.

Each selffeed bit is supplied with 1x blade, 2x replaceable feed screws, 1x set screws and 1x allen key.



| Diameter (mm) | Shank reception | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|---------------|-----------------|---------------|---------------------|----------------|--------------|
| 35            | 7/16" Hex       | 1             | 1                   | 48255120       | 045242157471 |
| 38            | 7/16" Hex       | 1             | 1                   | 48255125       | 045242157488 |
| 51            | 7/16" Hex       | 1             | 1                   | 48255135       | 045242157495 |
| 54            | 7/16" Hex       | 1             | 1                   | 48255140       | 045242157525 |
| 57            | 7/16" Hex       | 1             | 1                   | 48255143       | 045242225903 |
| 65            | 7/16" Hex       | 1             | 1                   | 48255150       | 045242157532 |

## SWITCHBLADE™ set

| Description | Pack quantity | Min. order quantity | Article Number | EAN Code |
|-------------|---------------|---------------------|----------------|----------|
|-------------|---------------|---------------------|----------------|----------|

### SWITCHBLADE™ selffeed bits set (5pc)

4 x SWITCHBLADE™ selffeed bits: Ø 35 / 38 / 54 / 65 mm, QUIK-LOK extension 140 mm length, 4 x Replacement SWITCHBLADE™ blades (1 for each size bit), 4 x feed screws, 4 x set screws, 1 x allen key

5 1 49225100 045242157686



## SWITCHBLADE™ replacement blades

| Diameter (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|---------------|---------------|---------------------|----------------|--------------|
| 35            | 1             | 1                   | 48255420       | 045242225842 |
| 38            | 1             | 1                   | 48255425       | 045242225859 |
| 51            | 1             | 1                   | 48255435       | 045242225866 |
| 54            | 1             | 1                   | 48255440       | 045242225873 |
| 57            | 1             | 1                   | 48255443       | 045242225880 |
| 65            | 1             | 1                   | 48255450       | 045242226474 |

### SWITCHBLADE™ service kit in storage container

1x feed screw, 2x set screws, 1x allen key, 1x storage container also can store spare SWITCHBLADE™

5 1 48255280 045242225934





# SHOCKWAVE IMPACT DUTY <sup>TM</sup>

## Selffeed bits

All sizes have removable and replaceable feed screws.  
 Two feed screws supplied with each bit.  
 Feed screw provides fast, effortless feeding even in gummy woods.  
 Internal cutting plane shaves hole radius for clean, smooth holes without pressure.  
 Each selffeed bit is supplied with 2 x feed screws, 1 x set screw and 1 x allen key.

| Diameter (mm)                    | Shank reception | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|----------------------------------|-----------------|---------------|---------------------|----------------|--------------|
| 25                               | 7/16" Hex       | 1             | 1                   | 48251002       | 045242119028 |
| 29                               | 7/16" Hex       | 1             | 1                   | 48251122       | 045242119073 |
| 32                               | 7/16" Hex       | 1             | 1                   | 48251252       | 045242119127 |
| 35                               | 7/16" Hex       | 1             | 1                   | 48251372       | 045242119172 |
| 38                               | 7/16" Hex       | 1             | 1                   | 48251502       | 045242119226 |
| 44                               | 7/16" Hex       | 1             | 1                   | 48251752       | 045242119271 |
| 51                               | 7/16" Hex       | 1             | 1                   | 48252002       | 045242119325 |
| 54                               | 7/16" Hex       | 1             | 1                   | 48252122       | 045242119370 |
| 57                               | 7/16" Hex       | 1             | 1                   | 48252252       | 045242119424 |
| 65                               | 7/16" Hex       | 1             | 1                   | 48252562       | 045242119479 |
| Feed screw coarse thread 1/4"    |                 | 1             | 1                   | 48286870       | 045242122707 |
| Allen key 1/8" for all arbors    |                 | 1             | 1                   | 49960060       | 045242221455 |
| Set screw for drills up to 65 mm |                 | 1             | 1                   | 06832625       | -            |



## Large selffeed bits

Large selffeed bits in 76, 92 and 116 mm sizes have double internal cutter blades that shave hole radius for clean, smooth holes without pressure.  
 Replaceable arbor.

| Diameter (mm)                     | Shank reception | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-----------------------------------|-----------------|---------------|---------------------|----------------|---------------|
| 76                                | 7/16" Hex       | 1             | 1                   | 48253001       | 045242119509  |
| 92                                | 7/16" Hex       | 1             | 1                   | 48253621       | 045242119554  |
| 116                               | 7/16" Hex       | 1             | 1                   | 48254621       | 045242119608  |
| Replaceable arbor                 |                 | 1             | 1                   | 48070201       | 045242088904  |
| Feed screw regular thread         |                 | 1             | 1                   | 48286880       | 045242122806  |
| Set screw for drills up over 76mm |                 | 1             | 1                   | 06833150       | 4058546040864 |
| Allen key 5/32"                   |                 | 1             | 1                   | 49960070       | 045242221554  |



## Selffeed bits contractors kit

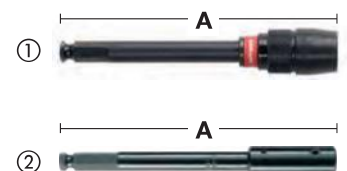
| Description  | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|--|---------------|---------------------|----------------|--------------|
| Contractors kit (7pc)  |               |                     |                |              |
| Selffeed bits Ø 25 / 29 / 32 / 38 / 44 / 54 / 65 mm, extension 140 mm length and feed screws | 7             | 1                   | 49220130       | 045242180301 |



## Shank extensions

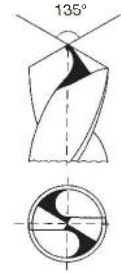
For selffeed bits, auger bits and holesaws (25 mm / 1" diameter and larger) with 7/16" Hex shank

|   | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|---|---------------------|---------------|---------------------|----------------|--------------|
| ① | 140                 | 1             | 1                   | 48281030       | 045242122653 |
|   | 300                 | 1             | 1                   | 48284006       | 045242122516 |
| ② | 450                 | 1             | 1                   | 48284011       | 045242122561 |
|   | 600                 | 1             | 1                   | 48284016       | 045242122615 |



## HSS-G metal drill bits - short - DIN 1897 - 5 and 10 pack

Drill bit quality: High quality high speed steel. Tip geometry: Split Point DIN 1412 C. Point angle: 135°. Tolerance: h8. Flute / Helix angle: Type N flute and normal 20 - 30° angle. Right hand cutting edge. Surface / Colour: Polished silver. Withstands high drill point pressure due to short overall length. Excellent concentricity. Polished type N flute with right hand cutting edge, eliminates binding for faster chip removal and faster cutting with less effort. Application: Most suited for drilling sheet and thin walled materials. Suitable for drilling in sheet steel, thin alloyed and non-alloyed material up to 900 N/mm<sup>2</sup>. Also suitable for wood and plastics.

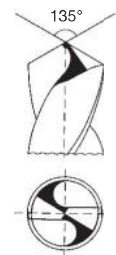


| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|---------------|---------------------|----------------|---------------|
| 2.0           | 38                  | 12                    | 10            | 1                   | 4932352200     | 4002395368532 |
| 2.5           | 43                  | 14                    | 10            | 1                   | 4932352201     | 4002395368549 |
| 3.0           | 46                  | 16                    | 10            | 1                   | 4932352202     | 4002395368556 |
| 3.2           | 49                  | 18                    | 10            | 1                   | 4932352203     | 4002395368563 |
| 3.3           | 49                  | 18                    | 10            | 1                   | 4932352204     | 4002395368570 |
| 3.5           | 52                  | 20                    | 10            | 1                   | 4932352205     | 4002395368587 |
| 3.7           | 52                  | 20                    | 10            | 1                   | 4932352206     | 4002395368594 |
| 4.0           | 55                  | 22                    | 10            | 1                   | 4932352207     | 4002395368600 |
| 4.2           | 55                  | 22                    | 10            | 1                   | 4932352208     | 4002395368617 |
| 4.5           | 58                  | 24                    | 10            | 1                   | 4932352209     | 4002395368624 |
| 4.8           | 62                  | 26                    | 10            | 1                   | 4932352210     | 4002395368631 |
| 5.0           | 62                  | 26                    | 10            | 1                   | 4932352211     | 4002395368648 |
| 5.2           | 62                  | 26                    | 10            | 1                   | 4932352212     | 4002395368655 |
| 5.5           | 66                  | 28                    | 10            | 1                   | 4932352213     | 4002395368662 |
| 6.0           | 66                  | 28                    | 10            | 1                   | 4932352214     | 4002395368679 |
| 6.5           | 70                  | 31                    | 10            | 1                   | 4932352215     | 4002395368686 |
| 7.0           | 74                  | 34                    | 10            | 1                   | 4932352216     | 4002395368693 |
| 7.5           | 74                  | 34                    | 5             | 1                   | 4932352217     | 4002395368709 |
| 8.0           | 79                  | 37                    | 5             | 1                   | 4932352218     | 4002395368716 |
| 8.5           | 79                  | 37                    | 5             | 1                   | 4932352219     | 4002395368723 |
| 9.0           | 84                  | 40                    | 5             | 1                   | 4932352220     | 4002395368730 |
| 10.0          | 89                  | 43                    | 5             | 1                   | 4932352221     | 4002395368747 |

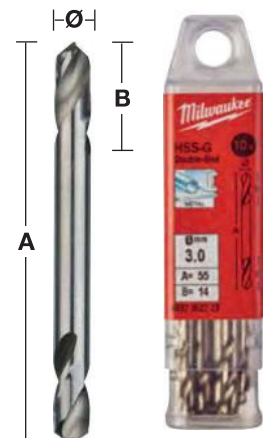


## HSS-G metal drill bits - double ended - 10 pack

Drill bit quality: High quality high speed steel. Tip geometry: Split Point DIN 1412 C. Point angle: 135°. Tolerance: h8. Flute / Helix angle: Type N flute and normal 20 - 30° angle. Right hand cutting edge. Surface / Colour: Polished silver. Split point tip for good centering. Both ends can be used. Due to its short length it can be used with higher feed pressure without the risk of breakage. Excellent concentricity. Polished type N flute with right hand cutting edge, eliminates binding for faster chip removal and faster cutting with less effort. Application: Suitable drilling in steel, non-ferrous metals and plastic. Most suitable for thin sheet materials e.g. rivet holes.



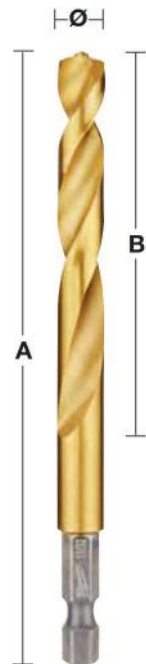
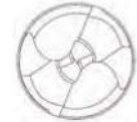
| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|---------------|---------------------|----------------|---------------|
| 2.5           | 43                  | 10                    | 10            | 1                   | 4932352222     | 4002395368754 |
| 3.0           | 46                  | 11                    | 10            | 1                   | 4932352223     | 4002395368761 |
| 3.2           | 49                  | 12                    | 10            | 1                   | 4932352224     | 4002395368778 |
| 3.3           | 49                  | 12                    | 10            | 1                   | 4932352225     | 4002395368785 |
| 3.5           | 52                  | 14                    | 10            | 1                   | 4932352226     | 4002395368792 |
| 4.0           | 55                  | 14                    | 10            | 1                   | 4932352227     | 4002395368808 |
| 4.1           | 55                  | 14                    | 10            | 1                   | 4932352228     | 4002395368815 |
| 4.2           | 55                  | 14                    | 10            | 1                   | 4932352229     | 4002395368822 |
| 4.5           | 58                  | 16                    | 10            | 1                   | 4932352230     | 4002395368839 |
| 4.8           | 62                  | 18                    | 10            | 1                   | 4932352231     | 4002395368846 |
| 5.0           | 62                  | 18                    | 10            | 1                   | 4932352232     | 4002395368853 |
| 5.5           | 66                  | 19                    | 10            | 1                   | 4932352233     | 4002395368860 |
| 6.0           | 66                  | 19                    | 10            | 1                   | 4932352234     | 4002395368877 |



## RED HEX - SHOCKWAVE™ HSS-TiN metal drill bits

Impact rated drill bit with 1/4" hex shank optimised for impact drivers.  
Titanium Nitride coating dispenses heat and makes the drill bit suitable for use also in high speed.

| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|---------------|---------------------|----------------|---------------|
| 2             | 59.5                | 17                    | 2             | 1                   | 48894703       | 045242501557  |
| 2.5           | 62                  | 19                    | 2             | 1                   | 48894704       | 045242501564  |
| 3             | 65                  | 23                    | 2             | 1                   | 48894763       | 045242506866  |
| 3.2           | 66.5                | 23                    | 2             | 1                   | 48894706       | 045242501571  |
| 3.3           | 67                  | 24                    | 2             | 1                   | 4932471089     | 4058546287177 |
| 3.5           | 69                  | 25                    | 2             | 1                   | 48894707       | 045242501588  |
| 4             | 71.5                | 26                    | 2             | 1                   | 48894708       | 045242501595  |
| 4.2           | 74                  | 28                    | 1             | 1                   | 48894709       | 045242501601  |
| 4.5           | 76                  | 29                    | 1             | 1                   | 48894710       | 045242501618  |
| 4.8           | 78                  | 29                    | 1             | 1                   | 48894711       | 045242501625  |
| 5             | 80                  | 31                    | 1             | 1                   | 48894712       | 045242501632  |
| 5.5           | 104                 | 60                    | 1             | 1                   | 48894764       | 045242506873  |
| 6             | 105                 | 63                    | 1             | 1                   | 48894714       | 045242501649  |
| 6.5           | 107                 | 64                    | 1             | 1                   | 48894715       | 045242501656  |
| 6.8           | 108                 | 65                    | 1             | 1                   | 48894716       | 045242501663  |
| 7             | 109                 | 66                    | 1             | 1                   | 48894717       | 045242501670  |
| 7.5           | 110                 | 67                    | 1             | 1                   | 48894718       | 045242501687  |
| 8             | 111                 | 70                    | 1             | 1                   | 48894719       | 045242501694  |
| 8.5           | 114                 | 72                    | 1             | 1                   | 48894720       | 045242501700  |
| 9             | 117                 | 73                    | 1             | 1                   | 48894721       | 045242501717  |
| 9.5           | 118                 | 74                    | 1             | 1                   | 48894722       | 045242501724  |
| 10            | 120                 | 76                    | 1             | 1                   | 48894723       | 045242501731  |
| 10.2          | 121                 | 77                    | 1             | 1                   | 4932471090     | 4058546287184 |
| 10.5          | 122                 | 78                    | 1             | 1                   | 48894724       | 045242501748  |
| 11            | 125                 | 80                    | 1             | 1                   | 48894725       | 045242501755  |
| 11.5          | 126                 | 81                    | 1             | 1                   | 48894726       | 045242501762  |
| 12            | 127                 | 82                    | 1             | 1                   | 48894727       | 045242501779  |
| 12.5          | 128                 | 83                    | 1             | 1                   | 48894728       | 045242501786  |
| 13            | 130                 | 83                    | 1             | 1                   | 48894729       | 045242501793  |



① SHOCKWAVE™ HSS-G TiN Red Hex drill bits set (10pc)

Ø 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10 mm

② SHOCKWAVE™ HSS-G TiN Red Hex drill bit set (19pc)

Ø 2 / 2.5 / 2 x 3 / 3.5 / 2 x 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm

①



②



| Diameter (mm) | Total length (mm) A | Working length (mm) B | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|---------------------|-----------------------|---------------|---------------------|----------------|---------------|
| 2.5           | 62                  | 19                    | 10            | 1                   | 4932478175     | 4058546341084 |
| 3.0           | 65                  | 23                    | 10            | 1                   | 4932478176     | 4058546341091 |
| 3.5           | 69                  | 25                    | 10            | 1                   | 4932478177     | 4058546341107 |
| 4.0           | 71.5                | 26                    | 10            | 1                   | 4932478178     | 4058546341114 |
| 4.5           | 76                  | 29                    | 10            | 1                   | 4932478179     | 4058546341121 |
| 5.0           | 80                  | 31                    | 10            | 1                   | 4932478180     | 4058546341138 |
| 6.0           | 105                 | 63                    | 10            | 1                   | 4932478181     | 4058546341145 |
| 7.0           | 109                 | 66                    | 5             | 1                   | 4932478182     | 4058546341152 |
| 8.0           | 111                 | 70                    | 5             | 1                   | 4932478183     | 4058546341169 |
| 10.0          | 120                 | 76                    | 5             | 1                   | 4932478184     | 4058546341176 |



**NEW**

## Step drills

- Step Drill advantages over conventional drill bits:
  - One drill bit to drill multiple sizes
  - Do more carry less! - Best option for enlarging existing holes.
  - More durable than twist drill bits, thick core resists breakage.
  - More accurate and less walking, tip starts on contact.
  - Clean burr free holes, less reaming required.
  - Drills plastic without splitting or cracking.
  
- Step drills are ideal for drilling into the following materials:
  - Ferrous & non-ferrous sheets metals, profiles and pipes.
  - Copper, brass and aluminium.
  - Stainless steel.
  - Plastics.
  - Maximum material thickness 4 mm.
  - To ensure best lifetime we recommend the use of a coolant.
  
- Trades:
  - Electrical: drilling of panels and cabinets for cable gland installation.
  - Plumbing / HVAC: access holes for pipework and installation.
  - Metal workers / fabrication: various sizes and hole enlargement.
  - Automotive: holes for cable installation (mobile telephones, antennas, re-directing electrical wiring).
  - Maintenance repair operations: various applications, sizes and hole enlargement.



### MILWAUKEE® Advantages

#### Spot drill - Drill - Deburr - All in one go

- ① RAPID STRIKE TIP™: Accurate start without walking and fast drilling without the need to pre-drill the material.
- ② Special tip and step geometry for jam-free performance - less risk of drill snagging when used with high speed cordless tools and also prevents deformation of the drilled material.
- ③ Optimised 2 flute ground sharpened edge geometry for 2 x faster and smoother cutting.
- ④ Produced from custom engineered steel with black oxide coating for 4 x longer life. Optimised for use with high speed cordless drills.
- ⑤ Laser engraved size markings for best long term visibility.
- ⑥ Each step is relief ground to drill and deburr automatically.
- ⑦ With 3 flat secure grip to prevent step drill from slipping in the chuck and ensure maximum transmission of torque.



## Step drills

|   | Description   | Shank diameter (mm) | Overall length (mm) | No. of steps | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|---|---------------|---------------------|---------------------|--------------|---------------|---------------------|----------------|--------------|
| ① | PG7 - PG21    | 10                  | 68                  | 9            | 1             | 1                   | 48899321       | 045242364060 |
| ② | M6 - M32      | 10                  | 92                  | 13           | 1             | 1                   | 48899332       | 045242344437 |
| ③ | 4 - 12 mm / 1 | 6                   | 65                  | 9            | 1             | 1                   | 48899301       | 045242342532 |
| ④ | 4 - 20 mm     | 8                   | 65                  | 9            | 1             | 1                   | 48899320       | 045242344406 |
| ⑤ | 6 - 35 mm     | 10                  | 90                  | 14           | 1             | 1                   | 48899335       | 045242344413 |
| ⑥ | 6 - 40.5 mm   | 10                  | 90                  | 17           | 1             | 1                   | 48899340       | 045242547777 |

⑦ **Step drill set (3pc)**

Includes 3 step drill bits: 4 - 12 mm/1, 4 - 20 mm, 6 - 35 mm

3

1

48899399

045242344420

**Step & drill bit combo set (10pc)**

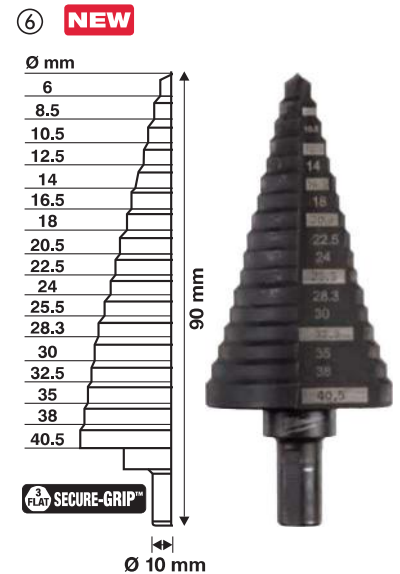
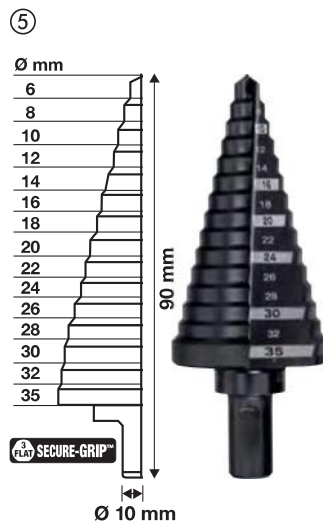
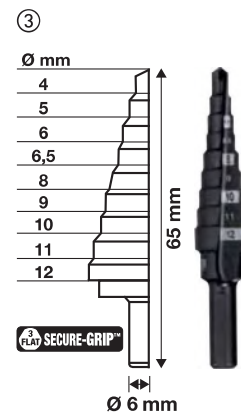
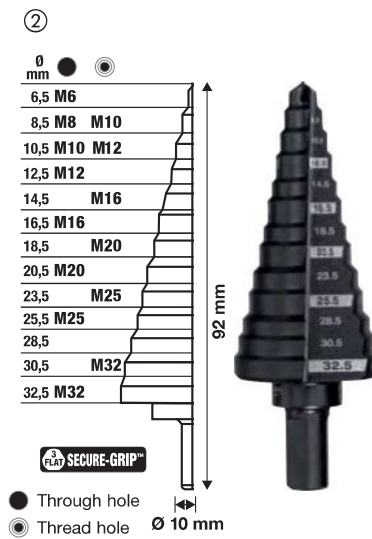
⑧ Includes 2 x step drill bits: 4 - 12 mm/1, 4 - 20 mm. THUNDERWEB metal drill bits: 2 x 2 mm, 2 x 3 mm, 2 x 4 mm, 1 x 5 mm, 1 x 6mm

10

1

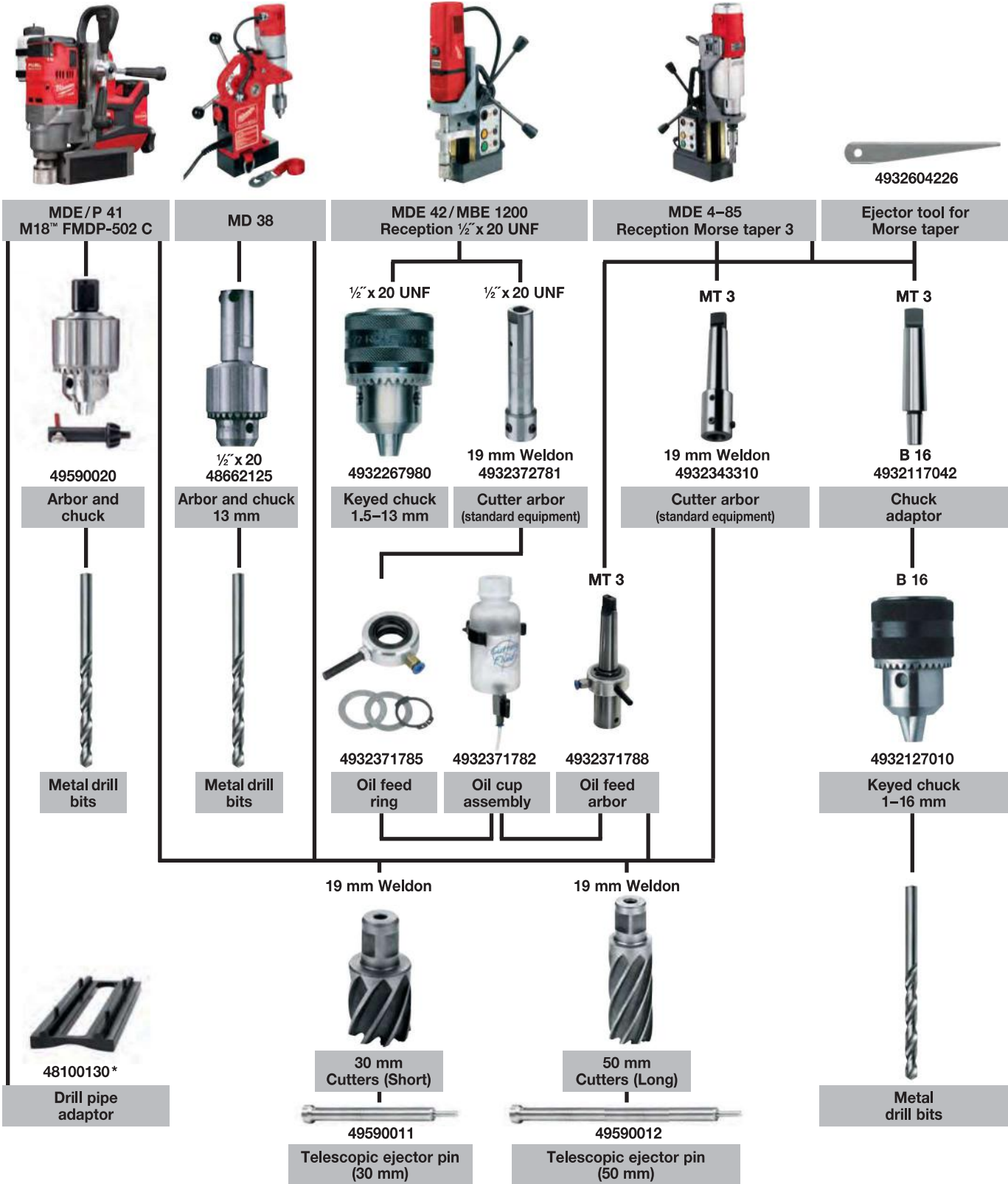
48899350

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## System accessories - Magnetic drill stands



**SHOCKWAVE**   
**IMPACT DUTY** <sup>TM</sup>

# DRIVING PERFORMANCE FORWARD

FASTENING

**NEXT GENERATION  
 SHOCKWAVE™ IMPACT DRIVER BITS**



**WEAR  
 GUARD  
 TIP™**

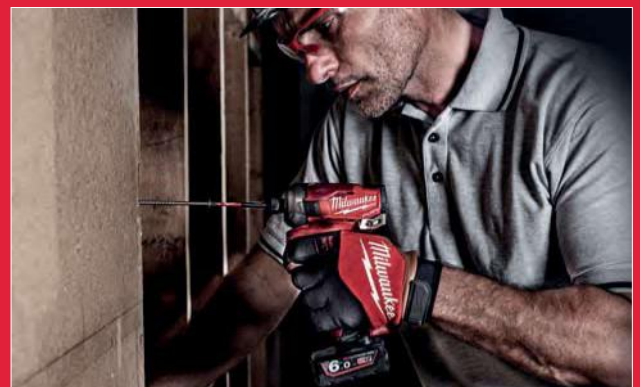


**CUSTOM  
 ALLOY 76™  
 STEEL**



**OPTIMIZED  
 SHOCK ZONE™**

MILWAUKEE® SHOCKWAVE™ IMPACT DUTY driver bits are engineered to be the most durable, best fitting driver bits on the market. The WEAR GUARD TIP™ is laser hardened to create an outer shield that protects the fit over the life of the bit. The SHOCK ZONE™ is optimized for each tip type and length of driver bit, absorbing peak torque and preventing breaking. The customized CUSTOM ALLOY 76™ steel and heat treatment for each tip type is engineered to ensure best performance across tip types and extended life vs. standard bits. The SHOCKWAVE™ impact driver bits provide extreme durability for the most demanding job site applications.



## SHOCKWAVE™ IMPACT DUTY screwdriving bits

# IMPACT

Designed for use with impact drivers the SHOCKWAVE™ IMPACT DUTY accessory line is not only ideal for heavy duty impact applications, but also delivers a full system solution for all the user's drilling and fastening needs.

Laser hardened WEAR GUARD TIP™ for improved wear resistance and protection of the fit over the life of the bit.



### SHOCK ZONE™ Geometry - designed to flex:

SHOCK ZONE™ reduces stress at the tip resulting in less tip breakages. The combination of the SHOCK ZONE™ design and special heat treatment absorbs impacts and allows the bit to flex with spring like action.

Custom engineered steel - MILWAUKEE® custom metal formula makes the SHOCKWAVE™ bits more resistant to shock from impacting.



- A) 25 mm 1/4" Hex - DIN 3126 - C 6.3
- B) 50 mm 1/4" Hex - DIN 3126 - E 6.3
- C) 90 mm 1/4" Hex - DIN 3126 - E 6.3
- D) 150 mm 1/4" Hex - DIN 3126 - E 6.3

| Type  | Total length (mm) | Supplied in | Pack quantity | Min. order quantity | Article Number | EAN Code   |               |
|---|-------------------|-------------|---------------|---------------------|----------------|------------|---------------|
| <b>Philips</b><br>   | PH 1              | 25          | ①             | 2                   | 1              | 4932430850 | 4002395385126 |
|   |                   | 50          | ①             | 1                   | 1              | 4932471564 | 4058546294632 |
|   |                   | 90          | ①             | 1                   | 1              | 4932430851 | 4002395385133 |
|   | PH 2              | 25          | ①             | 2                   | 1              | 4932430852 | 4002395385140 |
|   |                   | 25          | ②             | 25                  | 10             | 4932430853 | 4002395385157 |
|   |                   | 50          | ①             | 1                   | 1              | 4932430854 | 4002395385164 |
|   |                   | 50          | ②             | 10                  | 10             | 4932430855 | 4002395385171 |
|   |                   | 90          | ①             | 1                   | 1              | 4932430856 | 4002395385188 |
|   |                   | 150         | ①             | 1                   | 1              | 4932471565 | 4058546294649 |
|   | PH 3              | 25          | ①             | 2                   | 1              | 4932430857 | 4002395385195 |
|   |                   | 50          | ①             | 1                   | 1              | 4932430858 | 4002395385201 |
|   |                   | 90          | ①             | 1                   | 1              | 4932430859 | 4002395385218 |
| <b>Pozidrive</b><br> | PZ 1              | 25          | ①             | 2                   | 1              | 4932430860 | 4002395385225 |
|   |                   | 25          | ②             | 25                  | 10             | 4932430861 | 4002395385232 |
|   |                   | 50          | ①             | 1                   | 1              | 4932471566 | 4058546294656 |
|   |                   | 90          | ①             | 1                   | 1              | 4932430862 | 4002395385249 |
|   | PZ 2              | 25          | ①             | 2                   | 1              | 4932430863 | 4002395385256 |
|   |                   | 25          | ②             | 25                  | 10             | 4932430864 | 4002395385263 |
|   |                   | 50          | ①             | 1                   | 1              | 4932430865 | 4002395385270 |
|   |                   | 50          | ②             | 10                  | 10             | 4932430866 | 4002395385287 |
|   |                   | 90          | ①             | 1                   | 1              | 4932430867 | 4002395385294 |
|   |                   | 150         | ①             | 1                   | 1              | 4932471928 | 4058546298272 |
|   | PZ 3              | 25          | ①             | 2                   | 1              | 4932430868 | 4002395385300 |
|   |                   | 25          | ②             | 25                  | 10             | 4932430869 | 4002395385317 |
|   |                   | 50          | ①             | 1                   | 1              | 4932430870 | 4002395385324 |
|   |                   | 150         | ①             | 1                   | 1              | 4932471929 | 4058546298289 |

### ① Blister




### ② Storage container



Minimum order quantity = 10 pcs (come in counter display) orders. > 10 pcs must be ordered in multiples of 10 (i.e. 10,20,30)

### ③ Counter display



|   | Type            | Total length (mm) | Supplied in | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---|-----------------|-------------------|-------------|---------------|---------------------|----------------|---------------|
|  | TORX® B0 TX B07 | 25                | ①           | 2             | 1                   | 4932471577     | 4058546294762 |
|   | TX B08          | 25                | ①           | 2             | 1                   | 4932471578     | 4058546294779 |
|   | TX B09          | 25                | ①           | 2             | 1                   | 4932471579     | 4058546294786 |
|   | TX B010         | 25                | ①           | 2             | 1                   | 4932471580     | 4058546294793 |
|   | TX B015         | 25                | ①           | 2             | 1                   | 4932471581     | 4058546294809 |
|   | TX B020         | 25                | ①           | 2             | 1                   | 4932471582     | 4058546294816 |
|   | TX B025         | 25                | ①           | 2             | 1                   | 4932471583     | 4058546294823 |
|   | TX B030         | 25                | ①           | 2             | 1                   | 4932471584     | 4058546294830 |
|   | TX B040         | 25                | ①           | 2             | 1                   | 4932471585     | 4058546294847 |
|   | Hex             | Hex 2.5 mm        | 25          | ①             | 2                   | 1              | 4932430893    |
| Hex 3 mm  |                 | 25                | ①           | 2             | 1                   | 4932430894     | 4002395385560 |
| Hex 4 mm  |                 | 25                | ①           | 2             | 1                   | 4932430895     | 4002395385577 |
| Hex 5 mm  |                 | 25                | ①           | 2             | 1                   | 4932430896     | 4002395385584 |
| Hex 6 mm  |                 | 25                | ①           | 2             | 1                   | 4932430897     | 4002395385591 |
| Hex 8 mm  |                 | 25                | ①           | 2             | 1                   | 4932430898     | 4002395385607 |
| Hex 10 mm   |                 | 25                | ①           | 2             | 1                   | 4932430899     | 4002395385614 |
| Hex 12 mm   |                 | 25                | ①           | 2             | 1                   | 4932430900     | 4002395385621 |
| Slotted   | SL 0.6 x 4.5    | 25                | ①           | 2             | 1                   | 4932430901     | 4002395385638 |
|   | SL 0.8 x 5.5    | 25                | ①           | 2             | 1                   | 4932430902     | 4002395385645 |
|   | SL 1.2 x 6.5    | 25                | ①           | 2             | 1                   | 4932430903     | 4002395385652 |

① Blister







## SHOCKWAVE™ IMPACT DUTY locking bit holder

Custom engineered steel - MILWAUKEE® custom metal formula makes the SHOCKWAVE™ bits more resistant to shock from impacting.

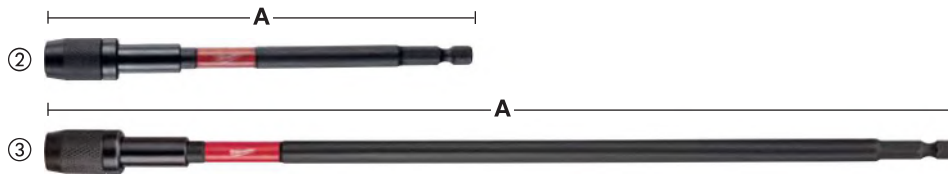
Optimised SHOCK ZONE™ absorbs up to 3X more torque.

Dual internal magnets ensure magnetism to fasteners.

Auto-Locking - One handed bit release.

1/4" Hex reception (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

| Description                               | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---|---------------------|---------------|---------------------|----------------|---------------|
| ① Locking bit holder 73 mm                | 73                  | 1             | 1                   | 4932459398     | 4058546010591 |
| ② Locking bit holder 152 mm - long series | 152                 | 1             | 1                   | 4932471824     | 4058546297237 |
| ③ Locking bit holder 305 mm - long series | 305                 | 1             | 1                   | 4932471825     | 4058546297244 |



## SHOCKWAVE™ IMPACT DUTY socket adaptors - Hex reception

| Description  | Total length (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|-------------------|---------------|---------------------|----------------|---------------|
| ① Socket adaptor: 1/2" Hex - 1/4" square. DIN 3126 - E 6.3 | 50                | 1             | 1                   | 4932471826     | 4058546297251 |
| ② Socket adaptor: 1/2" Hex - 3/8" square. DIN 3126 - E 6.3 | 50                | 1             | 1                   | 4932478054     | 4058546339876 |
| ③ Socket adaptor: 1/2" Hex - 1/2" square. DIN 3126 - E 6.3 | 50                | 1             | 1                   | 4932471827     | 4058546297268 |



## SHOCKWAVE™ IMPACT DUTY magnetic nut drivers

Custom engineered steel and heat treatment for maximum strength and extreme durability.

Strong magnetic tip for secure grip.

1/4" Hex reception (DIN 3126 - E 6.3). Very suitable for high torque and impact applications.

| Size AF (across flats) (mm)                          | For anchor thread size | Total length (mm) A | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|------------------------|---------------------|---------------|---------------------|----------------|---------------|
| 5.5  | M3                     | 65                  | 1             | 1                   | 4932352536     | 4002395371945 |
| 6.0  | M3.5                   | 65                  | 1             | 1                   | 4932352537     | 4002395371952 |
| 1/4"   | -                      | 65                  | 1             | 1                   | 4932352538     | 4002395371969 |
| 7.0  | M4                     | 65                  | 1             | 1                   | 4932352539     | 4002395371976 |
| 3/16"  | -                      | 65                  | 1             | 1                   | 4932352540     | 4002395371983 |
| 8.0  | M5                     | 65                  | 1             | 1                   | 4932352541     | 4002395371990 |
| 3/8"   | -                      | 65                  | 1             | 1                   | 4932352542     | 4002395372003 |
| 10.0   | M6                     | 65                  | 1             | 1                   | 4932352543     | 4002395372010 |
| 12.0   | M7                     | 65                  | 1             | 1                   | 4932352544     | 4002395372027 |
| 13.0   | M8                     | 65                  | 1             | 1                   | 4932352545     | 4002395372034 |
| 17.0   | M10                    | 65                  | 1             | 1                   | 4932352546     | 4002395372041 |
| SHOCKWAVE™ IMPACT DUTY magnetic nut driver set (5pc) |                        |                     | 5             | 1                   | 4932352822     | 4002395374809 |
| Ø 7 / 8 / 10 / 12 / 13 mm                            |                        |                     |               |                     |                |               |





# SHOCKWAVE™ **IMPACT DUTY**

## SHOCKWAVE™ right angle attachment

The right angle attachment is a useful device for screwdriving or drilling applications in restricted, difficult to reach areas.

Impact rated: suitable to use with latest 18V impact drivers as well as cordless drill drivers.

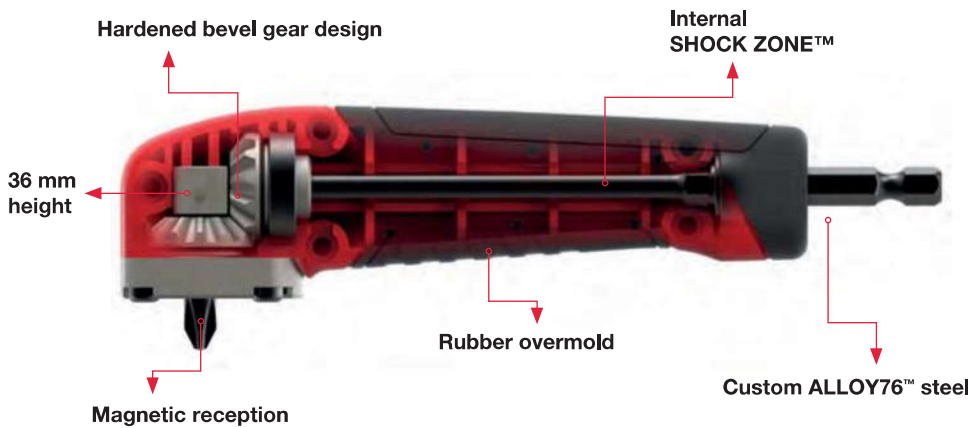
Internal SHOCK ZONE™ and advanced gear design for excellent power transmission and impact durability.

For all 1/4" Hex driving and drilling accessories.

Very compact design: only 36 mm in height and a true 90° angle to allow access into confined spaces.

Ergonomic rubber overmold for secure and comfortable handling.

Pack contains 1 x right angle attachment and 10 x 25 mm screwdriving bits.



| Description  | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|---------------|---------------------|----------------|---------------|
| Counter display SHOCKWAVE™ Right Angle Attachment set (11pc)   | 11            | 12                  | 4932471274     | 4058546289027 |
| 1 x Right Angle Attachment, 1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30 |               |                     |                |               |



## SHOCKWAVE™ **KNUCKLE™** offset attachment

Impact rated: suitable to use with latest 18V impact drivers as well as cordless drill drivers.

Very compact offset attachment.

Ideally suited to working in confined and limited spaces.

Solid metal construction to absorb impact action.

0° and 30° positions.

1/4" Hex shank fits directly into the chuck preventing slippage.

\* Height when 30° tilted 40 mm



\* Height when 30° tilted 40 mm



| Description  | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|--|---------------|---------------------|----------------|---------------|
| Counter display KNUCKLE™ set (11pc)  | 11            | 10                  | 4932459781     | 4058546029531 |
| 1 x KNUCKLE™, 1 x PH1 / 2 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 1 x TX25 |               |                     |                |               |

# SHOCKWAVE™ IMPACT DUTY



With the most skilled tradesmen in mind, MILWAUKEE® continues to increase its variety of impact wrenches to allow for further versatility on the jobsite. Alongside this, MILWAUKEE® have widened our range of SHOCKWAVE™ IMPACT DUTY sockets by introducing even more reception sizes to our extensive line of products.



1/4"



**NEW**

3/8"



1/2"



3/4"



1"

## 1/4" SHOCKWAVE™ IMPACT DUTY impact sockets - deep

SHOCKWAVE™ IMPACT DUTY steel (Chrome-Molybdenum) is high quality alloy steel which provides ultimate strength and durability.

Best fitting thanks to 6 gripping points.

Recessed corners allow torque to be transferred across the flats of the socket rather than producing stress on the points or corners.

Thin wall construction provides access to tight spaces.

Deep wall construction provides clearance for protruding bolts.

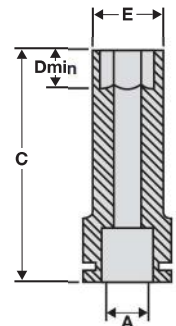
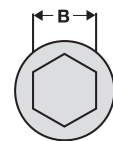
Laser etched size markings for easy identification and won't wear off.

| A (mm)      | B (mm) | C (mm) | D (mm) | E (mm) | For anchor thread size | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-------------|--------|--------|--------|--------|------------------------|---------------|---------------------|----------------|---------------|
| 1/4" square | 4      | 50     | 3      | 7.7    | M2                     | 1             | 1                   | 4932472283     | 4058546339296 |
| 1/4" square | 4.5    | 50     | 3.5    | 8      | -                      | 1             | 1                   | 4932472284     | 4058546339302 |
| 1/4" square | 5      | 50     | 4      | 8.8    | M2.5                   | 1             | 1                   | 4932472285     | 4058546339319 |
| 1/4" square | 5.5    | 50     | 4.5    | 9.5    | M3                     | 1             | 1                   | 4932472286     | 4058546339326 |
| 1/4" square | 6      | 50     | 6      | 9.8    | M3.5                   | 1             | 1                   | 4932478000     | 4058546339333 |
| 1/4" square | 7      | 50     | 6      | 11.4   | M4                     | 1             | 1                   | 4932478001     | 4058546339340 |
| 1/4" square | 8      | 50     | 7.5    | 12.5   | M5                     | 1             | 1                   | 4932478002     | 4058546339357 |
| 1/4" square | 9      | 50     | 7.5    | 13.8   | -                      | 1             | 1                   | 4932478003     | 4058546339364 |
| 1/4" square | 10     | 50     | 9      | 14.3   | M6                     | 1             | 1                   | 4932478004     | 4058546339371 |
| 1/4" square | 11     | 50     | 11     | 16.8   | M7                     | 1             | 1                   | 4932478005     | 4058546339388 |
| 1/4" square | 12     | 50     | 12     | 17.8   | -                      | 1             | 1                   | 4932478006     | 4058546339395 |
| 1/4" square | 13     | 50     | 12     | 18.8   | M8                     | 1             | 1                   | 4932478007     | 4058546339401 |

### 1/4" SHOCKWAVE™ IMPACT DUTY socket set (21pc)

12 x 1/4" sockets: 4 / 4.5 / 5 / 5.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm. 50 mm total length. 6 x screwdriving bits 25 mm in length: PH 2, PZ 2, TX 15, TX 20, TX 25, TX 30. 1 x socket adaptor 1/4" Hex > 1/4" square drive. 1 x bit adaptor 1/4" square (F) > 1/4" Hex. 1 x 60mm magnetic bit holder for screwdriving bits

① 21 1 4932352862 4002395375202



①



# SHOCKWAVE™ IMPACT DUTY

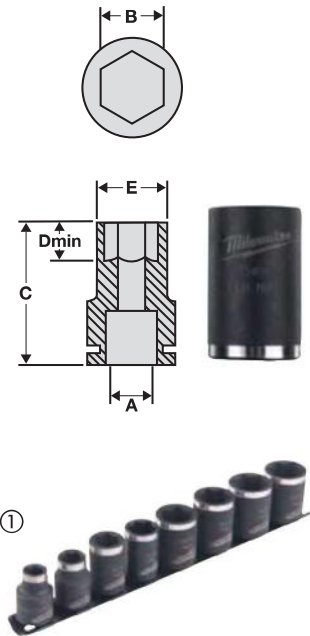


TM

## 3/8" SHOCKWAVE™ IMPACT DUTY impact sockets

**NEW**

| A (mm)   | B (mm)  | C (mm) | D (mm) | E (mm) | For anchor thread size | Pack quantity | Min. order quantity | Article Number | EAN Code      |  |
|--|---|--------|--------|--------|------------------------|---------------|---------------------|----------------|---------------|--|
| 3/8" square  | 8   | 28     | 4.8    | 12.5   | M5                     | 1             | 1                   | 4932478008     | 4058546339418 |  |
| 3/8" square  | 10  | 28     | 5.3    | 15     | M6                     | 1             | 1                   | 4932478009     | 4058546339425 |  |
| 3/8" square  | 11  | 30     | 5.8    | 17     | -                      | 1             | 1                   | 4932478010     | 4058546339432 |  |
| 3/8" square  | 12  | 30     | 6.4    | 18.8   | M7                     | 1             | 1                   | 4932478011     | 4058546339449 |  |
| 3/8" square  | 13  | 30     | 6.9    | 18.8   | M8                     | 1             | 1                   | 4932478012     | 4058546339456 |  |
| 3/8" square  | 14  | 30     | 7.4    | 19.8   | M9                     | 1             | 1                   | 4932478013     | 4058546339463 |  |
| 3/8" square  | 15  | 30     | 8      | 21.8   | -                      | 1             | 1                   | 4932478014     | 4058546339470 |  |
| 3/8" square  | 16  | 30     | 8.5    | 23.8   | -                      | 1             | 1                   | 4932478015     | 4058546339487 |  |
| 3/8" square  | 17  | 32     | 9.7    | 23.8   | M10                    | 1             | 1                   | 4932478016     | 4058546339494 |  |
| 3/8" square  | 18  | 32     | 10.9   | 25.8   | -                      | 1             | 1                   | 4932478017     | 4058546339500 |  |
| 3/8" square  | 19  | 32     | 11.9   | 25.8   | M12                    | 1             | 1                   | 4932478018     | 4058546339517 |  |
| 3/8" square  | 21  | 32     | 12.9   | 29.8   | -                      | 1             | 1                   | 4932478019     | 4058546339524 |  |
| 3/8" square  | 22  | 32     | 13.9   | 31.8   | M14                    | 1             | 1                   | 4932478020     | 4058546339531 |  |
| <b>3/8" SHOCKWAVE™ IMPACT DUTY socket set (8 pc)</b> |   |        |        |        |                        |               |                     |                |               |  |
| ①  | 8 x impact sockets: 8 / 10 / 12 / 13 / 16 / 17 / 18 / 19 mm |        |        |        |                        | 8             | 1                   | 4932478288     | 4058546344658 |  |

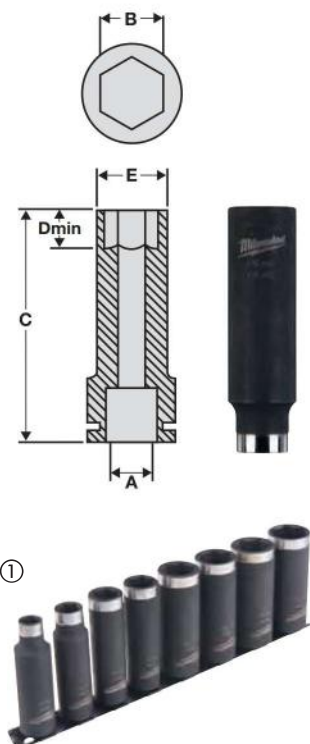


FASTENING

## 3/8" SHOCKWAVE™ IMPACT DUTY impact sockets - deep

**NEW**

| A (mm)  | B (mm)   | C (mm) | D (mm) | E (mm) | For anchor thread size | Pack quantity | Min. order quantity | Article Number | EAN Code      |  |
|---|--|--------|--------|--------|------------------------|---------------|---------------------|----------------|---------------|--|
| 3/8" square   | 8  | 63     | 4.8    | 12.5   | M5                     | 1             | 1                   | 4932478021     | 4058546339548 |  |
| 3/8" square   | 10   | 63     | 5.3    | 15     | M6                     | 1             | 1                   | 4932478022     | 4058546339555 |  |
| 3/8" square   | 11   | 63     | 5.8    | 17     | -                      | 1             | 1                   | 4932478023     | 4058546339562 |  |
| 3/8" square   | 12   | 63     | 6.4    | 18.8   | M7                     | 1             | 1                   | 4932478024     | 4058546339579 |  |
| 3/8" square   | 13   | 63     | 6.9    | 18.8   | M8                     | 1             | 1                   | 4932478025     | 4058546339586 |  |
| 3/8" square   | 14   | 63     | 7.4    | 19.8   | M9                     | 1             | 1                   | 4932478026     | 4058546339593 |  |
| 3/8" square   | 15   | 63     | 8      | 21.8   | -                      | 1             | 1                   | 4932478027     | 4058546339609 |  |
| 3/8" square   | 16   | 63     | 8.5    | 23.8   | -                      | 1             | 1                   | 4932478028     | 4058546339616 |  |
| 3/8" square   | 17   | 63     | 9.7    | 23.8   | M10                    | 1             | 1                   | 4932478029     | 4058546339623 |  |
| 3/8" square   | 18   | 63     | 10.9   | 25.8   | -                      | 1             | 1                   | 4932478030     | 4058546339630 |  |
| 3/8" square   | 19   | 63     | 11.9   | 25.8   | M12                    | 1             | 1                   | 4932478031     | 4058546339647 |  |
| 3/8" square   | 21   | 63     | 12.9   | 29.8   | -                      | 1             | 1                   | 4932478032     | 4058546339654 |  |
| 3/8" square   | 22   | 63     | 13.9   | 31.8   | M14                    | 1             | 1                   | 4932478033     | 4058546339661 |  |
| <b>3/8" SHOCKWAVE™ IMPACT DUTY socket set deep (8 pc)</b> |  |        |        |        |                        |               |                     |                |               |  |
| ①   | 8 x deep impact sockets: 8 / 10 / 12 / 13 / 16 / 17 / 18 / 19 mm |        |        |        |                        | 8             | 1                   | 4932478289     | 4058546344665 |  |



## Carbide Blade

Carbide blade suitable for cutting wood, plastic and plasterboard.

| Diameter (mm) | Thickness (mm) | Bore size (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------------|----------------|----------------|---------------|---------------------|----------------|---------------|
| 76            | 1              | 10             | 1             | 1                   | 4932464716     | 4058546226619 |



## Flap discs

**NEW**

Maximum productivity with CERA TURBO™, 50% faster material removal and 2x longer lifetime vs. bonded disc.

Ceramic hybrid disc: grinds steel, stainless steel.

Plastic backing pad.

Highly flexible: perfectly adjusts to working piece.

Low heat development: no metal discolouration, especially on stainless steel.

Made in Germany.

Best for ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401) and non-ferrous metals (aluminium, titan, etc.),

Orders must be in multiples of 10 pcs.



| Type | Disc diameter (mm) | Grit | Bore size (mm) | Backing pad material | Pack quantity | Min. order quantity | Article Number | EAN Code   |               |
|------|--------------------|------|----------------|----------------------|---------------|---------------------|----------------|------------|---------------|
| 50   | SLC 50 / 115       | 115  | 40             | 22.2                 | Plastic       | 1                   | 10             | 4932472228 | 4058546326241 |
|      | SLC 50 / 115       | 115  | 60             | 22.2                 | Plastic       | 1                   | 10             | 4932472229 | 4058546326258 |
|      | SLC 50 / 115       | 115  | 80             | 22.2                 | Plastic       | 1                   | 10             | 4932472230 | 4058546326265 |
|      | SLC 50 / 125       | 125  | 40             | 22.2                 | Plastic       | 1                   | 10             | 4932472231 | 4058546326272 |
|      | SLC 50 / 125       | 125  | 60             | 22.2                 | Plastic       | 1                   | 10             | 4932472232 | 4058546326289 |
|      | SLC 50 / 125       | 125  | 80             | 22.2                 | Plastic       | 1                   | 10             | 4932472233 | 4058546326296 |

## Flap discs Zirconium

**NEW**

High quality zirconium grain: longer lifetime on ferrous metals and stainless steel.

Suitable for ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401).

Natural fibre backing pad: low vibration & noise, no harmful dust.

Highly flexible: perfectly adjusts to working piece.

Made in Germany.



| Type | Disc diameter (mm) | Grit | Bore size (mm) | Backing pad material | Pack quantity | Min. order quantity | Article Number | EAN Code   |               |
|------|--------------------|------|----------------|----------------------|---------------|---------------------|----------------|------------|---------------|
| 50   | SL 50 / 115        | 115  | 40             | 22.2                 | Natural Fibre | 1                   | 10             | 4932472220 | 4058546326166 |
|      | SL 50 / 115        | 115  | 60             | 22.2                 | Natural Fibre | 1                   | 10             | 4932472221 | 4058546326173 |
|      | SL 50 / 115        | 115  | 80             | 22.2                 | Natural Fibre | 1                   | 10             | 4932472222 | 4058546326180 |
|      | SL 50 / 115        | 115  | 120            | 22.2                 | Natural Fibre | 1                   | 10             | 4932472223 | 4058546326197 |
|      | SL 50 / 125        | 125  | 40             | 22.2                 | Natural Fibre | 1                   | 10             | 4932472224 | 4058546326203 |
|      | SL 50 / 125        | 125  | 60             | 22.2                 | Natural Fibre | 1                   | 10             | 4932472225 | 4058546326210 |
|      | SL 50 / 125        | 125  | 80             | 22.2                 | Natural Fibre | 1                   | 10             | 4932472226 | 4058546326227 |
|      | SL 50 / 125        | 125  | 120            | 22.2                 | Natural Fibre | 1                   | 10             | 4932472227 | 4058546326234 |



## FIXTEC Nut

FIXTEC: Disc changing in seconds, no extra tools required.  
 12 seconds from removing the worn disc to fixing a new disc.  
 Only 8 mm thick, enabling more surface of disc on the material.  
 Compatible to all manufacturers angle grinders up to Ø 150 mm with standard M14 spindle thread.  
 With integrated keyholes, for removal of the nut with a standard pin spanner in the event of the nut becoming too tight.



| Description             | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-------------------------|---------------|---------------------|----------------|---------------|
| Counter display         | 1             | 12                  | 4932352473     | 4002395371327 |
| FIXTEC nut - M14 thread |               |                     |                |               |



## FIXTEC Nut XL

FIXTEC: Disc changing in seconds, no extra tools required.  
 For large angle grinders Ø 180 mm to Ø 230.  
 12 seconds from removing the worn disc to fixing a new disc.



| Description   | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---|---------------|---------------------|----------------|---------------|
| Counter display   | 1             | 12                  | 4932464610     | 4058546225551 |
| FIXTEC Nut for 180 & 230 mm angle grinders - M14 thread |               |                     |                |               |





## Metal: Heavy duty TORCH™ carbide teeth

Carbide teeth provide for longest life in thick metals - up to 50x more life compared to Bi-Metal blades  
 Thick 1.27 mm robust blade body for precise straight cuts  
 25 mm blade height for improved stability and minimum vibration

THE  
**TORCH™**  
 CARBIDE TEETH

| Blade length (mm) | Tooth pitch (mm) | Teeth per inch | Ref. No. |        |            |        |            |        |     |  | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|-------------------|------------------|----------------|----------|--------|------------|--------|------------|--------|-----|--|---------------|---------------------|----------------|--------------|
| 150               | 3.6              | 7              | -        | 5 - 13 | Ø 10 - 100 | 5 - 13 | Ø 10 - 100 | 5 - 13 | Yes |  | 1             | 1                   | 48005201       | 045242521036 |
|                   |                  |                |          |        |            |        |            |        |     |  | 5             | 1                   | 48005501       | 045242520862 |
| 230               | 3.6              | 7              | -        | 5 - 13 | Ø 10 - 175 | 5 - 13 | Ø 10 - 175 | 5 - 13 | Yes |  | 1             | 1                   | 48005202       | 045242520787 |
|                   |                  |                |          |        |            |        |            |        |     |  | 5             | 1                   | 48005502       | 045242520879 |
| 300               | 3.6              | 7              | -        | 5 - 13 | Ø 10 - 250 | 5 - 13 | Ø 10 - 250 | 5 - 13 | Yes |  | 1             | 1                   | 48005203       | 045242520794 |
|                   |                  |                |          |        |            |        |            |        |     |  | 5             | 1                   | 48005503       | 045242520886 |

## Wood with nails: Heavy duty AX™ carbide teeth demolition blades



















**AX™**  
 CARBIDE TEETH



Up to 50x longer life than standard Bi-Metal blades. Carbide teeth deliver long life and extreme durability in the toughest applications. Cuts through hardened screws and fasteners.  
 Up to 2x faster than standard Bi-Metal blades. A fast and aggressive 5 Tpi tooth pattern allows for the fastest cutting in nail embedded wood and a wide range of construction materials (wood/nails/bolts/screws/cast iron/asphalt roofing felt shingles).  
 Up to 25% more cuts per charge vs. standard Bi-Metal blades. Optimised for use with cordless reciprocating saws.  
**FANG TIP™**: For faster plunge cutting and reaching into restricted areas.  
**NAIL GUARD™**: Protects the tooth during nail impacts for increased durability and lifetime.  
 Sloped shape: Excellent for plunge cutting and reaching into restricted areas.

| Blade length (mm) | Tooth pitch (mm) | Teeth per inch | Ref. No. |          |          |            |     |     |     |  | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|-------------------|------------------|----------------|----------|----------|----------|------------|-----|-----|-----|--|---------------|---------------------|----------------|--------------|
| 150               | 5                | 5              | -        | 10 - 100 | 10 - 100 | Ø 10 - 100 | Yes | Yes | Yes |  | 1             | 1                   | 48005221       | 045242483716 |
|                   |                  |                |          |          |          |            |     |     |     |  | 5             | 1                   | 48005521       | 045242521104 |
| 230               | 5                | 5              | -        | 10 - 175 | 10 - 175 | Ø 10 - 175 | Yes | Yes | Yes |  | 1             | 1                   | 48005226       | 045242483723 |
|                   |                  |                |          |          |          |            |     |     |     |  | 5             | 1                   | 48005526       | 045242521111 |
| 300               | 5                | 5              | -        | 10 - 250 | 10 - 250 | Ø 10 - 250 | Yes | Yes | Yes |  | 1             | 1                   | 48005227       | 045242483730 |
|                   |                  |                |          |          |          |            |     |     |     |  | 5             | 1                   | 48005527       | 045242521128 |

## Metal: THIN KERF blades

| Blade length (mm)   | Tooth pitch (mm) | Teeth per inch | Ref. No. |  |  |  |  |  |  |  | Pack quantity | Min. order quantity | Article Number | EAN Code        |              |
|---|------------------|----------------|----------|---|---|---|---|---|---|---|---------------|---------------------|----------------|-----------------|--------------|
|    | 100              | 1              | 24       | S522AF  | 0.5 - 3   | 0.5 - 3   | Ø 8 - 50  | 0.5 - 3   | 0.5 - 3   | No  | No            | 5                   | 1              | <b>48005185</b> | 045242082865 |
|    | 150              | 1              | 24       | S922AF  | 0.5 - 3   | 0.5 - 3   | Ø 8 - 100   | 0.5 - 3   | 0.5 - 3   | No  | No            | 5                   | 1              | <b>48005186</b> | 045242082872 |
|    | 100              | 1.4            | 18       | S522EF  | 1.5 - 4   | 1.5 - 4   | Ø 10 - 50   | 1.5 - 4   | 1.5 - 4   | No  | No            | 5                   | 1              | <b>48005183</b> | 045242082841 |
|    | 150              | 1.4            | 18       | S922EF  | 1.5 - 4   | 1.5 - 4   | Ø 10 - 100  | 1.5 - 4   | 1.5 - 4   | No  | No            | 5                   | 1              | <b>48005184</b> | 045242082858 |
|   |                  |                |          |   |   |   |   |   |   |   |               | 50                  | 1              | <b>48016184</b> | 045242084739 |
|    | 150              | 1.4            | 18       | S922EF  | 1.5 - 4   | 1.5 - 4   | Ø 10 - 100  | 1.5 - 4   | 1.5 - 4   | No  | No            | 5                   | 1              | <b>48004184</b> | 045242081042 |
|   | 230              | 1.4            | 18       | S1122EF   | 1.5 - 4   | 1.5 - 4   | Ø 10 - 100  | 1.5 - 4   | 1.5 - 4   | No  | No            | 5                   | 1              | <b>48005188</b> | 045242082896 |
|   |                  |                |          |   |   |   |   |   |   |   |               | 50                  | 1              | <b>48016188</b> | 045242084876 |
|  | 230              | 1.4            | 18       | S1122EF   | 1.5 - 4   | 1.5 - 4   | Ø 10 - 160  | 1.5 - 4   | 1.5 - 4   | No  | No            | 5                   | 1              | <b>48004188</b> | 045242081066 |
|  | 300              | 1.4            | 18       | -   | 1.5 - 4   | 1.5 - 4   | Ø 10 - 180  | 1.5 - 4   | 1.5 - 4   | No  | Yes           | 5                   | 1              | <b>48005189</b> | 045242082902 |
|   |                  |                |          |   |   |   |   |   |   |   |               | 50                  | 1              | <b>48016189</b> | 045242084883 |
|  | 90               | 1.8            | 14       | S422BF  | 1.5 - 6   | 1.5 - 6   | -   | 1.5 - 4   | -   | Yes   | No            | 5                   | 1              | <b>48005162</b> | 045242082803 |
|  | 100              | 1.8            | 14       | S522BF  | 3 - 10  | -   | Ø 10 - 50   | 3 - 10  | 2 - 4   | No  | No            | 5                   | 1              | <b>48005181</b> | 045242082827 |
|  | 150              | 1.8            | 14       | S922BF  | 3 - 10  | -   | Ø 10 - 100  | 3 - 10  | 2 - 4   | No  | No            | 5                   | 1              | <b>48005182</b> | 045242082834 |
|   |                  |                |          |   |   |   |   |   |   |   |               | 50                  | 1              | <b>48016182</b> | 045242084722 |
|  | 150              | 1.8            | 14       | S922BF  | 3 - 10  | -   | Ø 10 - 100  | 3 - 10  | 2 - 4   | No  | No            | 5                   | 1              | <b>48004182</b> | 045242081035 |
|  | 230              | 1.8            | 14       | S1122BF   | 3 - 10  | -   | Ø 10 - 160  | 3 - 10  | 2 - 4   | No  | No            | 5                   | 1              | <b>48005187</b> | 045242082889 |
|   |                  |                |          |   |   |   |   |   |   |   |               | 50                  | 1              | <b>48016187</b> | 045242084869 |
|  | 230              | 1.8            | 14       | S1122BF   | 3 - 10  | -   | Ø 10 - 160  | 3 - 10  | 2 - 4   | No  | No            | 5                   | 1              | <b>48004187</b> | 045242080991 |

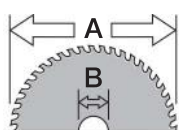


## Circular saw blades for metal

**NEW**

1. Engineered tooth geometry for optimum performance.
2. Top grade carbide and cermet tooth tips for superior lifetime.
3. Fully hardened and tensioned blade body for accurate cuts.
4. Deep gullets provide rapid and efficient chip removal.
5. Laser cut resin filled expansion slots for noise and vibration dampening.

- Cuts clean. Burr free edges reduce extra finishing processes.
- Cuts cool. The cut material can be handled immediately after cutting.
- Cuts fast. Quicker than all other conventional cutting methods.
- Cost cutter. Less expensive per cut than abrasive discs.
- Reduced noise.
- Reduced vibration.
- Total safety: no sparks, no coolants, cool to touch.



Ø mm

| Blade diameter (mm) | Bore size (mm) | No. of teeth | Cutting width (kerf) (mm) | Material wall thickness (mm) | Material suitability |                         |                                       |            |            |            |               |                        |           |        |           |       |   | Article Number | EAN Code |
|---------------------|----------------|--------------|---------------------------|------------------------------|----------------------|-------------------------|---------------------------------------|------------|------------|------------|---------------|------------------------|-----------|--------|-----------|-------|---|----------------|----------|
|                     |                |              |                           |                              | Mild steel           | Sheet steel up to 2.5mm | Corrugated steel I panels up to 2.5mm | Steel tube | Steel pipe | Angle iron | Steel channel | Stainless steel sheets | Cast iron | Copper | Aluminium | Rebar | Sandwich material (steel, foam, panels) |                |          |
| 135                 | 20             | 30           | 1.6                       | 1-2.5                        | ✓                    | ✓                       | ✓                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✖         | ✓     | 48404070                                | 045242233786   |          |
|                     |                | 50           | 1.6                       | 1-2.5                        | ✖                    | ✖                       | ✖                                     | ✖          | ✖          | ✖          | ✖             | ✖                      | ✓         | ✓      | ✖         | ✖     | 48404075                                | 045242233793   |          |
| 150                 | 20             | 34           | 1.6                       | >2.5                         | ✓                    | ✓                       | ✓                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✖         | ✓     | 48404215                                | 045242568994   |          |
| 165                 | 5/8"           | 48           | 1.6                       | 1-2.5                        | ✓                    | ✓                       | ✓                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✖         | ✓     | 48404220                                | 045242569069   |          |
| 174                 | 20             | 60           | 1.6                       | 1-2.5                        | ✓                    | ✓                       | ✓                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✖         | ✖     | 48404225                                | 045242569052   |          |
|                     |                | 42           | 1.8                       | >2.5                         | ✓                    | ✖                       | ✖                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✖         | ✖     | 48404515                                | 045242134465   |          |
| 203                 | 5/8"           | 50           | 1.8                       | 1-2.5                        | ✓                    | ✓                       | ✓                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✖         | ✓     | 48404520                                | 045242134472   |          |
|                     |                | 58           | 2.4                       | >2.5                         | ✖                    | ✖                       | ✖                                     | ✖          | ✖          | ✖          | ✖             | ✖                      | ✓         | ✓      | ✖         | ✖     | 48404345                                | 045242569113   |          |
|                     |                | 70           | 1.6                       | 0.5-1.5                      | ✓                    | ✓                       | ✓                                     | ✓          | ✓          | ✓          | ✓             | ✖                      | ✖         | ✖      | ✓         | ✓     | 4932478815                              | 4058546360979  |          |

- ✓ Most suitable. Recommended for these materials.
- ◆ Suitable. Recommended for intermittent use in these materials. Very good cutting characteristics, but greatly reduced lifetime of the blade.
- ✖ Not suitable. Not recommended for these materials.

### Optimising Blade Life

1. Clamp the workpiece securely to avoid vibration.
2. Do NOT stack or bundle cutting material. The gaps between layers allow for more opportunities to chip the teeth. The life of the blade is severely affected by this type of cutting.
3. Lower the blade to its maximum cutting capacity and allow the tool to come to full speed before applying the blade to the material.
4. Do NOT force the saw blade into the material. Start gently, then gradually apply enough pressure to avoid sparks.
5. Optimal cutting speed and pressure will produce little or no sparks. Sparking creates heat build up which shortens saw blade life.
6. Keep the cut straight. If following a cut line and you wander off the line, getting back on line may cause side loading of the blade and break teeth. Use an edge guide whenever possible.
7. Do NOT apply side pressure on the blade as this will cause chipping of the teeth.
8. Periodically allow the tool to run free of the cutting material to cool the blade and tool especially when making long cuts or cuts in thick material.



## Bandsaw blades

### Choosing the right tooth geometry

|   |  |  |                                       |                                       |                                    |
|---|--|--|---------------------------------------|---------------------------------------|------------------------------------|
| <b>8/10 Tpi</b><br>Tooth pitch 2.3/1.8 mm | <b>10 Tpi</b><br>Tooth pitch 2.5 mm    | <b>12/14 Tpi</b><br>Tooth pitch 1.8/1.4 mm | <b>14 Tpi</b><br>Tooth pitch 1.8 mm   | <b>18 Tpi</b><br>Tooth pitch 1.4 mm   | <b>25 Tpi</b><br>Tooth pitch 1 mm  |
| <b>FOR CUTTING STOCK</b><br>5 to 13 mm    | <b>FOR CUTTING STOCK</b><br>8 to 13 mm | <b>FOR CUTTING STOCK</b><br>4 to 8 mm      | <b>FOR CUTTING STOCK</b><br>5 to 8 mm | <b>FOR CUTTING STOCK</b><br>4 to 5 mm | <b>FOR CUTTING STOCK</b><br>< 4 mm |



## Premium Bi-Metal bandsaw blades

Multi pitch Bi-Metal blades with matrix II high speed steel teeth with 8% cobalt outlast conventional blades up to 3 times, requiring fewer blade changes.

Precision formed teeth create fast, clean cuts.

Optimised for cordless bandsaws: More cuts per charge.

Suitable for cutting: Angle iron, galvanised pipe and even tougher steels such as cast iron and stainless steel.



### Premium bandsaw blade 1139.83 x 12.7 x 0.51 mm (Corded & M18 Deep Cut)

| Material wall thickness (mm) | Tooth pitch (mm) | Teeth per inch | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|------------------------------|------------------|----------------|---------------|---------------------|----------------|--------------|
| 5 - 13                       | 3.1 / 2.5        | 8 / 10         | 3             | 1                   | 48390601       | 045242530298 |
|                              |                  |                | 25            | 1                   | 48390605       | 045242539697 |
| 4 - 8                        | 2.1 / 1.8        | 12 / 14        | 3             | 1                   | 48390611       | 045242530328 |
|                              |                  |                | 25            | 1                   | 48390615       | 045242539703 |



### Premium bandsaw blade 898.52 x 12.7 x 0.51 mm (M18 Compact)

| Material wall thickness (mm) | Tooth pitch (mm) | Teeth per inch | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|------------------------------|------------------|----------------|---------------|---------------------|----------------|--------------|
| 5 - 13                       | 3.1 / 2.5        | 8 / 10         | 3             | 1                   | 48390609       | 045242536412 |
|                              |                  |                | 25            | 1                   | 48390606       | 045242537754 |
| 4 - 8                        | 2.1 / 1.8        | 12 / 14        | 3             | 1                   | 48390619       | 045242536429 |
|                              |                  |                | 25            | 1                   | 48390616       | 045242537761 |



### Premium bandsaw blade 687.57 x 12.7 x 0.51 mm (M12 Sub Compact)

| Material wall thickness (mm) | Tooth pitch (mm) | Teeth per inch | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|------------------------------|------------------|----------------|---------------|---------------------|----------------|--------------|
| 4 - 8                        | 2.1 / 1.8        | 12 / 14        | 3             | 1                   | 48390711       | 045242536436 |



### Premium bandsaw blade 776.29 x 12.7 x 0.51 mm (M12 Sub Compact)

| Material wall thickness (mm) | Tooth pitch (mm) | Teeth per inch | Pack quantity | Min. order quantity | Article Number | EAN Code     |
|------------------------------|------------------|----------------|---------------|---------------------|----------------|--------------|
| 4-8                          | 2.1/1.8          | 12/14          | 3             | 1                   | 48390631       | 045242605125 |
|                              |                  |                | 25            | 1                   | 48390636       | 045242605132 |
| 5-13                         | 3.1/2.5          | 8/10           | 3             | 1                   | 48390630       | 045242605156 |
|                              |                  |                | 25            | 1                   | 48390635       | 045242605163 |





**Speedcross Blades**

# SPEEDCROSS

**MAXIMUM SPEED,  
LONG LIFE,  
LOW VIBRATION!**

- Universal blades for a variety of materials
- Classed into two categories for maximum lifetime
- 10 mm segments height (STEELHEAD™: 4mm) to ensure long lifetime
- Laser welded segments for best performance
- Low vibration



**HUDD  
HARD UNIVERSAL**



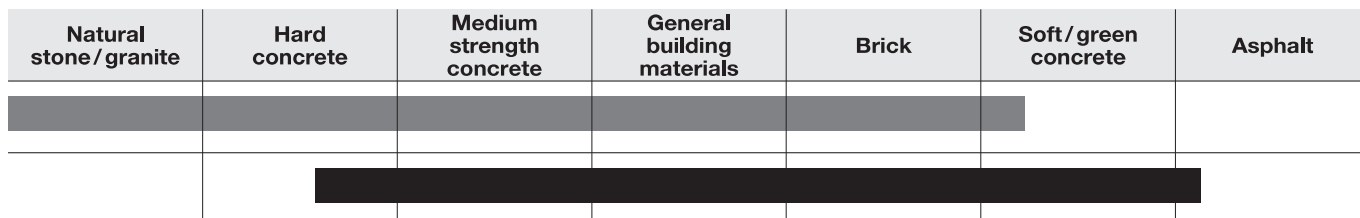
**AUDD  
ABRASIVE UNIVERSAL**

**Application areas**

The Speedcross blades are both universal in application but their best performance is achieved at different ends of the spectrum. The HUDD is predominantly a blade for very hard to medium-hard general building materials, the harder the material the better the performance. Alternatively the AUDD is most suitable for hard materials to soft/abrasive materials, its best performance is achieved when used in standard hardness concrete and general building materials.

Hard materials

Soft/Abrasive materials



■ HUDD    ■ AUDD

Speedcross diamond blades make the perfect match for the MX FUEL 350mm Cut Off Saw



**Speedcross HUDD**



| Type      | Disc diameter (mm) | Bore size (mm) | Segment height (mm) | Cutting width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-----------|--------------------|----------------|---------------------|--------------------|---------------|---------------------|----------------|---------------|
| HUDD 115  | 115                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399819     | 4002395364749 |
| HUDD 125  | 125                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399820     | 4002395364756 |
| HUDD 150  | 150                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399821     | 4002395364763 |
| HUDD 230  | 230                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399822     | 4002395364770 |
| HUDD 350* | 350                | 25.4           | 8                   | 2.6                | 1             | 1                   | 4932471985     | 4058546298845 |

SAWING, CUTTING AND GRINDING

## Speedcross AUDD

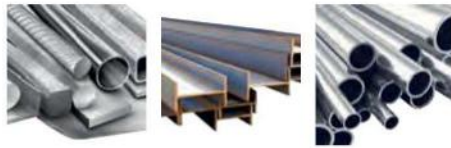


\*For Speedcross AUDD 350mm only

| Type      | Disc diameter (mm) | Bore size (mm) | Segment height (mm) | Cutting width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|-----------|--------------------|----------------|---------------------|--------------------|---------------|---------------------|----------------|---------------|
| AUDD 115  | 115                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399823     | 4002395364787 |
| AUDD 125  | 125                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399824     | 4002395364794 |
| AUDD 150  | 150                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399825     | 4002395364800 |
| AUDD 230  | 230                | 22.23          | 10                  | 2.6                | 1             | 1                   | 4932399826     | 4002395364817 |
| AUDD 350* | 350                | 25.4           | 10                  | 2.6                | 1             | 1                   | 4932471987     | 4058546298869 |

## Speedcross STEELHEAD<sup>™</sup>

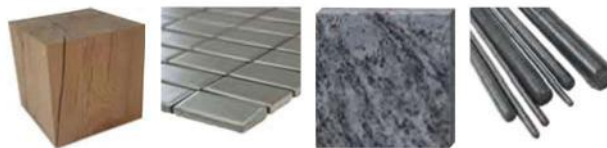
STEELHEAD<sup>™</sup> is most suitable for steel and stainless steel. Also suitable for heavily reinforced concrete  
 High density of special brazed diamonds ensure a very aggressive cutting progress  
 Due to the versatility and the outstanding performance the diamond disc is also perfect for fire brigades and for rescue operations



| Type                       | Disc diameter (mm) | Bore size (mm) | Segment height (mm) | Cutting width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|----------------------------|--------------------|----------------|---------------------|--------------------|---------------|---------------------|----------------|---------------|
| STEELHEAD <sup>™</sup> 350 | 350                | 25.4           | 4                   | 2.8                | 1             | 1                   | 4932471988     | 4058546298876 |

## Speedcross DHMM

A brazed diamond disc designed for a wide range of applications.  
 Outstanding cutting performance due to extremely high diamond concentration.  
 Suitable for a vast variety of material like PVC, granite, tiles, hard artificial stone, composite material, drywall, thin wood, threaded rods and sheet metal.



| Type    | Disc diameter (mm) | Bore size (mm) | Segment height (mm) | Cutting width (mm) | Pack quantity | Min. order quantity | Article Number | EAN Code      |
|---------|--------------------|----------------|---------------------|--------------------|---------------|---------------------|----------------|---------------|
| DHMM 76 | 76                 | 10             | 2.2                 | 1.2                | 1             | 1                   | 4932471333     | 4058546289614 |