



OVER 190 SOCKETS AVAILABLE WITH 5 DIFFERENT DRIVE SIZES

1/4" DRIVE

3/8" DRIVE

1/2" DRIVE

3/4" DRIVE

1" DRIVE

**BOLD,
LONG LASTING
MARKINGS.**



**FORGED HIGH
TORQUE IMPACT
STEEL**



**NON-SLIP HEX
GEOMETRY**



**DUAL HOLE DESIGN
FOR EASIER
ATTACHMENT**



**STAMPED &
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SHOCKWAVE IMPACT DUTY 3/4" DRIVE SOCKET SETS

DESCRIPTION	INCLUDES	PART NO.
 6 PT STANDARD 8 PC SHOCKWAVE Impact Duty 3/4" Drive Standard 6 Point 8Pc Socket Set	49-66-6364 (26 MM) 49-66-6470 (32 MM) 49-66-6365 (27 MM) 49-66-6373 (35 MM) 49-66-6367 (29 MM) 49-66-6374 (36 MM) 49-66-6368 (30 MM) 49-66-6376 (38 MM)	49-66-7019
 6 PT DEEP 8 PC SHOCKWAVE Impact Duty 3/4" Drive Deep 6 Point 8Pc Socket Set	49-66-6401 (26 MM) 49-66-6407 (32 MM) 49-66-6402 (27 MM) 49-66-6410 (35 MM) 49-66-6404 (29 MM) 49-66-6411 (36 MM) 49-66-6405 (30 MM) 49-66-6413 (38 MM)	49-66-7020

DEEP IMPACT SOCKET SETS

DESCRIPTION	INCLUDES	PART NO.
 6 PT STANDARD 19 PC SHOCKWAVE 3/8" DR 19Pc DEEP IMPACT SOCKET PACKOUT SET	6 MM 11 MM 16 MM 21 MM 7 MM 12 MM 17 MM 22 MM 8 MM 13 MM 18 MM 23 MM 9 MM 14 MM 19MM 24 MM 10 MM 15 MM 90 MM	49-66-6801
 6 PT STANDARD 16 PC SHOCKWAVE 1/2" DR 16Pc DEEP IMPACT SOCKET PACKOUT SET	10 MM 14 MM 18 MM 22 MM 11 MM 15 MM 19 MM 23 MM 12 MM 16 MM 20 MM 24 MM 13 MM 17 MM 21MM 3" Extension	49-66-6803
 6 PT STANDARD 19 PC SHOCKWAVE 3/8" DR 19Pc DEEP IMPACT SOCKET TRAY SET	6 MM 11 MM 16 MM 21 MM 7 MM 12 MM 17 MM 22 MM 8 MM 13 MM 18 MM 23 MM 9 MM 14 MM 19MM 24 MM 10 MM 15 MM 90 MM	49-66-6816
 6 PT STANDARD 16 PC SHOCKWAVE 3/8" DR 16Pc DEEP IMPACT SOCKET TRAY SET	10 MM 14 MM 18 MM 22 MM 11 MM 15 MM 19 MM 23 MM 12 MM 16 MM 20 MM 24 MM 13 MM 17 MM 21MM 3" Extension	49-66-6818

SHOCKWAVE IMPACT DUTY 1/2" DRIVE LUG NUT WHEEL SOCKET

DESCRIPTION	INCLUDES	PART NO.
 1 PC SHOCKWAVE Impact Duty 1/2" Drive 17MM Metric Lug Nut Wheel Socket (BLUE)	17MM	4932493371A
 1 PC SHOCKWAVE Impact Duty 1/2" Drive 19MM Metric Lug Nut Wheel Socket (YELLOW)	19MM	4932493372A
 1 PC SHOCKWAVE Impact Duty 1/2" Drive 21MM Metric Lug Nut Wheel Socket (RED)	21MM	4932493373A
 1 PC SHOCKWAVE Impact Duty 1/2" Drive 22MM Metric Lug Nut Wheel Socket (GREY)	22MM	4932493374A
 3 PC SHOCKWAVE Impact Duty 1/2" Drive Metric 3PC Lug Nut Wheel Socket Sets	4932493371A (17MM) 4932493372A (19MM) 4932493373A(21MM)	49-66-7834





**PRECISE
FIT
CUSTOM
MACHINED
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**LONG LIFE.
PRECISE FIT.**



**OPTIMIZED
SHOCK
ZONE™**



**CUSTOM
ALLOY76™
STEEL**

SHOCKWAVE IMPACT DUTY ™

SHOCKWAVE IMPACT DUTY DRIVER BITS

Info	Drive Size	Length	1 Pack	2 Pack	5 Pack
	P2R	1"		48-32-4444	
	PH1	1"		48-32-4411	48-32-4661
	PH1	2"	48-32-4461		
	PH2	1"		48-32-4412	48-32-4601
	PH2	2"	48-32-4462		48-32-4602
	PH2	3-1/2"	48-32-4562		48-32-4564
	PH2	6"	48-32-4802		
	PH3	1"		48-32-4413	48-32-4663
	PH3	2"	48-32-4463		
	PH3	3-1/2"	48-32-4563		
	PH3	6"			

SHOCKWAVE IMPACT DUTY DRIVER BITS

Info	Metric	Length	25 Pack (Bulk)
	7/64"	1"	48-32-4703
	9/64"	1"	48-32-4705
	10mm	1"	48-32-4730
	12mm	1"	48-32-4731
	2.5mm	1"	48-32-4724
	3mm	1"	48-32-4725
	4mm	1"	48-32-4726
	5mm	1"	48-32-4727
	6mm	1"	48-32-4728
	8mm	1"	48-32-4729

Info	Drive Size	Length	1 Pack	2 Pack	5 Pack
	T10	2"	48-32-4482		
	T15	2"	48-32-4483		
	T20	1"		48-32-4414	
	T20	2"	48-32-4484	48-32-4984	
	T25	1"		48-32-4436	
	T25	2"	48-32-4485	48-32-4985	48-32-4685
	T25	3-1/2"	48-32-4561		
	T25	6"			
	T27	2"	48-32-4486		
	T30	2"	48-32-4487	48-32-4914	
	T40	2"	48-32-4488		

Info	Drive Size	Length	10 Pack
	PH1/PH1	65mm	48-32-4360
	PH2/PH2	65mm	48-32-4361
	PH3/PH3	65mm	48-32-4362
	PH1/PH1	100mm	48-32-4363
	PH2/PH2	100mm	48-32-4364
	PH3/PH3	100mm	48-32-4365

SHOCKWAVE IMPACT DUTY MAGNETIC ATTACHMENT AND PH2 BIT SETS



Description	Includes	SKU
SHOCKWAVE Impact Duty Magnetic Attachment and PH2 Bit Set 3PC	(1) Magnetic Attachment (2) Phillips Bit 2" P2	48-32-4550

M2 STEEL SCREW EXTRACTOR SET



Description	Includes	SKU
M2 Steel Screw Extractor Set 4PC	(1) Screw Extractors #1, (1) Screw Extractors #2 (1) Screw Extractors #3, (1) Screw Extractors #4	49-57-9001

Info	Drive Size	Length	1 Pack	2 Pack
	SL 1/4" #10	1"		48-32-4418
	SL 1/4" #10	2"	48-32-4918	
	SL 1/8" #6	1"		48-32-4416
	SL 1/8" #6	2"	48-32-4916	
	SL 3/16" #8	1"		48-32-4417
	SL 3/16" #8	2"	48-32-4919	

SHOCKWAVE MAGNETIC BIT HOLDERS



Description		SKU
2.36" Magnetic Bit Tip Holder		48-32-4502
3" Magnetic Bit Tip Holder		48-32-4503
6" Magnetic Bit Tip Holder		48-32-4511
12" Magnetic Bit Tip Holder		48-32-4512
Description	Includes	SKU
Shockwave 11PC 30° Knuckle	(1) Phillips Bit 1" P1	48-32-2301
	(1) Phillips Bit 1" P2	
	(1) Phillips Bit 1" P3	
	(1) Slotted Bit 1" SL 1/4"	
	(1) Slotted Bit 1" SL 1/8"	
	(1) Slotted Bit 1" SL 1/16"	
	(1) Slotted Bit 1" SL 1/32"	
	(1) Square Bit 1" SQ	
	(1) Square Bit 1" S02	
	(1) TORX Bit 1" T25	
(1) Shockwave 30 Knuckle Pivoting Bit Holder		

SHOCKWAVE IMPACT BIT SETS

DESCRIPTIONS	INCLUDES	PART NO.
 32 Pc SHOCKWAVE Impact Driver Bit Set	SHOCKWAVE Screwdriving Bits: 22 x 25 mm Length 1 x PH1 / 4 x PH2 / 1 x PR2 / 1 x PH3 / 1 x TX15 / 2 x TX20 / 2 x TX25 / 1 x TX30 / 1 x SQ1 / 3 x SQ2 / 1 x SQ3 / 1 x HEX 3/16" / 1 x HEX 1/4" / 1 x SL #8 / 1 x SL #10. 7 x 50 mm length 2 x PH2 / 1 x PH3 / 1 x SQ2 / 1 x TX20 / 1 x TX25 / 1 x SL #10. 2 x SHOCKWAVE Nut Drivers 48 mm Length: Hex 1/4", Hex 5/16". 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length	48-32-4004
 18 Pc SHOCKWAVE Impact Duty Driver Bit Set	SHOCKWAVE Screwdriving Bits: 7 x 25 mm Length 1 x PH1 / 1 x PH2 / 1 x PH3 / 1 x TX20 / 1 x TX25 / 1 x SQ1 / 1 x SQ2 / 1 x SL #8 / 1 x SL #10. 8 x 50 mm Length 2 x PH2 / 1 x PH3 / 2 x SQ2 / 1 x SQ3 / 1 x TX20 / 1 x TX25. 2 X 89 mm Length 1 x PH2 / 1 x SQ2. 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length	48-32-4403
 35 Pc SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE Screwdriving Bits: 24 x 25 mm Length 1 x PH1 / 2 x PH2 / 1 x PH3, 2 x PZ1 / 3 x PZ2 / 2 x PZ3, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50. 5 x 50 mm Length 1 x PH2 / 1 x PZ2, 1 x TX15 / 1 x TX20 / 1 x TX25. 3 x SHOCKWAVE Magnetic Nut Drivers: 48 mm Length 1 x Hex 7 mm / 1 x Hex 8 mm / 1 x Hex 10 mm. 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length	4932492003
 40 Pc SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE Screwdriving Bits: 25 x 25 mm Length 1 x PH1 / 2 x PH2, 1 x PZ1 / 3 x PZ2, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50, 1 x Hex 4 mm / 1 x Hex 5 mm, 1 x SL 0.6 x 4.5 / 1 x SL 0.8 x 5.5 / 1 x SL 1.2 x 6.5. 8 x 50 mm Length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30. SHOCKWAVE Magnetic Bit Holder: 1 x 60 mm Length, 1 x 152 mm Length. 3 x SHOCKWAVE 1/4" Hex Drill Bits: Ø 3 / 4 / 5 mm. 2 x SHOCKWAVE Magnetic Nut Drivers: 48 mm Length 1 x Hex 8 mm / 1 x Hex 10 mm	4932492004
 48 Pc SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE Screwdriving Bits: 24 x 25 mm Length 1 x PH1 / 3 x PH2 / 1 x PH3, 1 x PZ1 / 3 x PZ2 / 1 x PZ3, 2 x TX10 / 1 x TX15 / 3 x TX20 / 3 x TX25 / 2 x TX30 / 1 x TX40, 1 x Hex 4 mm / 1 x Hex 5 mm. 16 x 50 mm Length 2 x PH2 / 1 x PH3, 2 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 2 x TX20 / 2 x TX25 / 2 x TX30 / 2 x TX40. 4 x 90 mm Length 1 x PH2, 1 x PZ2, 1 x TX20 / 1 x TX25. 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length. 3 x SHOCKWAVE 1/4" Hex Multi - material Drill Bits: Ø 5 / 6 / 8 mm	4932492005

SHOCKWAVE IMPACT BIT SETS

DESCRIPTIONS	INCLUDES	PART NO.
 56 Pc SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE Screwdriving Bits: 48 x 25 mm Length 2 x PH1 / 3 x PH2 / 1 x PH3, 3 x PZ1 / 4 x PZ2 / 2 x PZ3, 3 x TX10 / 3 x TX15 / 4 x TX20 / 4 x TX25 / 4 x TX30 / 3 x TX40 / 2 x TX50, 2 x Hex 4 mm / 2 x Hex 5 mm, 2 x SL 0.6 x 4.5 / 2 x SL 0.8 x 5.5 / 2 x SL 1.2 x 6.5, 7 x 50 mm Length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25. 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length	4932492006
 75 Pc SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE Screwdriving Bits: 60 x 25 mm Length 1 x PH1 / 2 x PH2, 1 x PZ1 / 3 x PZ2 / 1 x PZ3, 2 x TX10 / 4 x TX15 / 12 x TX20 / 12 x TX25 / 12 x TX30 / 2 x TX40 / 1 x TX50, 1 x TX B07 / 1 x TX B08 / 1 x TX B09 / 1 x TX B010 / 1 x TX B015, 1 x Hex 4 mm / 1 x Hex 5 mm. 12 x 50 mm Length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 2 x TX15 / 2 x TX20 / 2 x TX25 / 2 x TX30. 2 x SHOCKWAVE Nut Drivers 48 mm Length: Hex 8 mm / Hex 10 mm. 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length	4932492008
 38 Pc SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE Screwdriving Bits: 16 x 25 mm Length 1 x PH1 / 2 x PH2, 1 x PZ1 / 2 x PZ2, 1 x TX10 / 1 x TX15 / 2 x TX20 / 3 x TX25 / 2 x TX30 / 1 x TX40. 21 x 50 mm Length 1 x PH1 / 3 x PH2 / 1 x PH3, 1 x PZ1 / 3 x PZ2 / 1 x PZ3, 1 x TX10 / 1 x TX15 / 1 x TX20 / 2 x TX25 / 3 x TX30 / 3 x TX40. 1 x SHOCKWAVE Magnetic Bit Holder 60 mm Length	4932492009
 46PC SHOCKWAVE Impact Duty Bit Set	SHOCKWAVE™ Screwdriving bits: 1" Length 1 x PH1 / 2 x PH2 / 1 x PH3, 1 x Hex 3 / 1 x Hex 4 / 1 x Hex 5 / 1 x Hex 6, 1 x SL#6 / 2 x SL#8 / 1 x SL#10, 1 x TX8 / 1 x TX10 / 1 x TX20 / 1 x TX25. 2" Length 1 x PH1 / 3 x PH2 / 1 x PH3, 1 x SL#10. 5 x Hammer Drill Bits 1 x 5mm / 1 x 5.5mm / 1 x 6mm / 1 x 8mm / 1 x 10mm 5 x Brad Point Drill Bits 1 x 4mm / 1 x 5mm / 1 x 6mm / 1 x 8mm / 1 x 10mm 2 x Multi-Material Drill Bits 1 x 6mm / 1 x 8mm 4 x Helix Titanium Drill Bits 1 x 3mm / 1 x 4mm / 1 x 5mm / 1 x 6mm 2 x SHOCKWAVE Magnetic Bit Holder: 2 x Compact 2 x SHOCKWAVE Magnetic Nut Drivers: 2 x 8mm Length 2 x Double Ended Bits: 1 x PH2/PH2, 1 x SL1/4" 2 x Socket Adaptor: 1 x 1/4" / 1 x 3/8"	48-32-5148



ACCESSORIES CASE

DESCRIPTION	OUTER DIMENSIONS	PART NO.
 Customizable Small Case For Impact Driver Accessories	L 99 x W 96 x H 53 mm	48-32-9920
 Customizable Medium Case For Impact Driver Accessories	L 99 x W 192 x H 53 mm	48-32-9921
 Customizable Large Case For Impact Driver Accessories	L 149 x W 192 x H 53 mm	48-32-9922
 Customizable Small Compact Case For Impact Driver Accessories	L 99 x W 96 x H 36 mm	48-32-9930
 Customizable Medium Compact Case For Impact Driver Accessories	L 99 x W 192 x H 36 mm	48-32-9931

DESCRIPTION	COMPATIBLE WITH	PART NO.
 Small & Medium Case Rows For Insert Bit Accessories 5PK	49-32-9920 49-32-9921 49-32-9930 49-32-9931	48-32-9932
 Small & Medium Case Rows For Impact Driver Accessories 5PK	49-32-9920 49-32-9921 49-32-9930 49-32-9931	48-32-9933
 Large Case Rows For Insert Bit Accessories 5PK	48-32-9922	48-32-9934
 Large Case Rows For Impact Driver Accessories 5PK	48-32-9922	48-32-9935

HSS DRILL BIT APPLICATION GUIDE

									
Material Class	Material Type	Hardness / Tensile Strength N/mm ²	Rockwell	RED COBALT - HSS-Ground - DIN 338	RED HEX - Shockwave HSS-Ground Titanium	Step Drills	Shockwave Step Drills	Cobalt Step Drills	Cooling Agent
Steel	Non-alloyed construction steel, non-alloyed case hardened steel	< 400	< HRB 69	●	●	●	●	●	Drilling emulsion, cutting oil
		400 - 800	< HRC 21	●	●	●	●	●	
	Sheet Steel	< 800	< HRC 21	●	●	●	●	●	Drilling emulsion, ester oil
	Non-alloyed tool steel	< 800	< HRC 21	●	●	●	●	●	Drilling emulsion, cutting oil
	Alloyed tool steel	< 800	< HRC 21	●	●	●	●	●	Drilling emulsion, ester oil
		> 800	> HRC 21	●	●	▲	▲	●	
	Alloyed hardened & tempered steel	< 1200	< HRC 37	●	●	▲	▲	▲	Drilling emulsion, ester oil
		> 1200	> HRC 38	●	●	▲	▲	▲	
Stainless Steel	Stainless steel <	1000	< HRC 30	●	●	▲		●	Rapeseed oil, cutting oil
	Stainless steel	1000 - 1200	HRC 30 - 37	●	●	▲		●	
Cast Iron	Malleable cast iron	750	HRB 99	●	●	●	●	●	Dry
	Soft	450	HRB 75	●	●	▲		●	Drilling emulsion, cutting oil
	Hard	700	HRB 96	●	●	●	●	●	
Aluminium		< 350	< HRC 59	●	●	●	●	●	Drilling emulsion, cutting oil
Copper				●	●	●	●	●	Drilling emulsion, cutting oil
Bronze				●	●	●	●	●	Dry
Brass				●	●	●	●	●	Drilling emulsion
Magnesium				●	●				Dry
Plastics	PVC, Polyamide, Thermoplastics			●	●	●	●	●	Water
Wood				●	●				Dry

● Most suitable. Recommended for these materials. ▲ Suitable. Recommended for intermittent use in these materials.

SHOCKWAVE RED HELIX TITANIUM HEX DRILL BIT SETS

- The SHOCKWAVE RED HELIX Titanium Drill Bits are engineered for use in impacts and drills with 1/4" Hex Shank. The drill bits now feature a QUAD EDGE Tip designed with four cutting edges that help decrease heat buildup and drill faster. The tapered drill bits' new Enhanced Tapered Web strengthens the bits' cores to increase flute durability. The bits also use a Variable Helix flute that includes an aggressive 35° Helix Angle which ends at 15°. The 135° Split Point Tip delivers a precision start and prevents walking for fast, accurate holes in Wood, PVC and mild steel.



**RED
HELIX™**

SHOCKWAVE
IMPACT DUTY

DESCRIPTIONS	INCLUDES	PART NO.
 10 Pc Metric SHOCKWAVE RED HELIX Titanium Drill Bit Set	(1) Ø 3 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 3.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 10 mm Metric Titanium SHOCKWAVE RED HELIX	48-89-4859
 19 Pc Metric SHOCKWAVE RED HELIX Titanium Drill Bit Set	(1) Ø 2 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 2.5 mm Metric Titanium SHOCKWAVE RED HELIX (2) Ø 3 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 3.5 mm Metric Titanium SHOCKWAVE RED HELIX (2) Ø 4 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 10 mm Metric Titanium SHOCKWAVE RED HELIX	48-89-4860
 25 Pc Metric SHOCKWAVE RED HELIX Titanium Drill Bit Set	(1) Ø 2 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 2.5 mm Metric Titanium SHOCKWAVE RED HELIX (2) Ø 3 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 3.5 mm Metric Titanium SHOCKWAVE RED HELIX (2) Ø 4 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 10 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 10.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 11 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 11.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 12 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 12.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 13 mm Metric Titanium SHOCKWAVE RED HELIX	48-89-4861
 29 Pc Metric SHOCKWAVE RED HELIX Titanium Drill Bit Set	(1) Ø 2 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 2.5 mm Metric Titanium SHOCKWAVE RED HELIX (2) Ø 3 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 3.2 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 3.5 mm Metric Titanium SHOCKWAVE RED HELIX (2) Ø 4 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4.2 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 4.8 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 5.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 6.8 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 7.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 8.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 9.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 10 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 10.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 11 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 11.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 12 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 12.5 mm Metric Titanium SHOCKWAVE RED HELIX (1) Ø 13 mm Metric Titanium SHOCKWAVE RED HELIX	48-89-4862

G2 SHOCKWAVE IMPACT DUTY CARBIDE MULTI-MATERIAL DRILL BITS

- Up to 85% faster in metal vs. standard masonry drill bits
- Up to 10x longer life in stacked materials
- For use with brick, block, concrete, steel, aluminum, ceramic tile, backer-board, wood, PVC, and drywall
- SHOCKWAVE Impact Duty engineered for hammer drill/drivers and impacts
- Use in hammer mode for faster drilling in masonry and concrete
- Durable carbide tip for a wide range of applications
- Ideal for drilling through layered materials
- Less bit changes for increased productivity



G2 MULTI MATERIAL DRILL BIT

Diameter	Length	Shank Type	1 Pack
3mm	90MM	1/4" Hex 	4932471091
4mm	90MM	1/4" Hex 	4932471092
5mm	100MM	1/4" Hex 	4932471093
5mm	150MM	1/4" Hex 	4932493873
5.5mm	100MM	1/4" Hex 	4932471094
5.5mm	150MM	1/4" Hex 	4932471095
6mm	100MM	1/4" Hex 	4932471096
6mm	150MM	1/4" Hex 	4932471097
6mm	200MM	1/4" Hex 	4932471098
6mm	400MM	1/4" Hex 	4932471099
6.5mm	100MM	1/4" Hex 	4932493874
6.5mm	150MM	1/4" Hex 	4932471100
6.5mm	200MM	1/4" Hex 	4932471101
6.5mm	400MM	1/4" Hex 	4932471102
7mm	100MM	1/4" Hex 	4932471103

Diameter	Length	Shank Type	1 Pack
7mm	150MM	1/4" Hex 	4932493875
8mm	120MM	1/4" Hex 	4932471104
8mm	260MM	1/4" Hex 	4932471105
8mm	400MM	1/4" Hex 	4932471106
10mm	120MM	1/4" Hex 	4932471107
10mm	260MM	1/4" Hex 	4932471108
10mm	400MM	1/4" Hex 	4932471109
12mm	150MM	1/4" Hex 	4932471110
12mm	260MM	1/4" Hex 	4932471111
12mm	400MM	1/4" Hex 	4932493876
14mm	260MM	1/4" Hex 	4932493877
14mm	400MM	1/4" Hex 	4932493878
16mm	260MM	1/4" Hex 	4932493879
16mm	400MM	1/4" Hex 	4932493880



G2 MULTI MATERIAL DRILL BIT SET (8PC)

Part No.	4932493871	4932493872
Description	8PC Carbide Multi-material Drill Bit Sets 1/4" Hex 	8PC Carbide Multi-material Drill Bit Sets 1/4" Hex 
Includes	4mm, (2) 5mm, (2) 6mm, 8mm, 10mm, 12mm	4mm, 5mm, 5.5mm, (2) 6mm, 7mm, 8mm, 10mm

G2 CARBIDE HAMMER DRILL BITS

- **POWER TIP** with dynamic cutting edges provides ultimate material disruption for increased productivity (available in sizes 10mm and above)
- Robust carbide for up to 9x life in concrete
- Precision ground carbide tip design for up to 4x faster speeds in concrete
- Easier Drilling. Start to Finish.
- Chip Breaker disperses material load throughout tip for balanced drilling experience
- Sharpened carbide edges for faster starts and less bit walking
- Equipped with 3-FLAT Shank to prevent bit from slipping in the drill chuck
- Carbide hammer drill bits available in diameters 3mm to 16mm.
- For use in concrete, brick, and block



G2 CARBIDE HAMMER DRILL BIT

Diameter	Length	Shank Type	PowerTip (Dynamic Cutting Edges)	1 Pack
3mm	90MM	3-FLAT	NO	4932471167
4mm	90MM	3-FLAT	NO	4932493883
5mm	90MM	3-FLAT	NO	4932471169
5mm	100MM	3-FLAT	NO	4932471171
5mm	150MM	3-FLAT	NO	4932493884
5.5mm	100MM	3-FLAT	NO	4932471173
5.5mm	150MM	3-FLAT	NO	4932493885
6mm	100MM	3-FLAT	NO	4932471175
6mm	150MM	3-FLAT	NO	4932471176
6mm	250MM	3-FLAT	NO	4932493886
6.5mm	100MM	3-FLAT	NO	4932471178
6.5mm	150MM	3-FLAT	NO	4932471179
7mm	100MM	3-FLAT	NO	4932471180
7mm	150MM	3-FLAT	NO	4932471181
8mm	100MM	3-FLAT	NO	4932471182
8mm	150MM	3-FLAT	NO	4932471183
8mm	200MM	3-FLAT	NO	4932493887
8mm	400MM	3-FLAT	NO	4932493888
9mm	120MM	3-FLAT	NO	4932493889

Diameter	Length	Shank Type	PowerTip (Dynamic Cutting Edges)	1 Pack
10mm	150MM	3-FLAT	YES	4932471186
10mm	260MM	3-FLAT	YES	4932471187
10mm	400MM	3-FLAT	YES	4932493890
11mm	150MM	3-FLAT	YES	4932493891
12mm	150MM	3-FLAT	YES	4932471188
12mm	260MM	3-FLAT	YES	4932471189
12mm	400MM	3-FLAT	YES	4932493892
14mm	150MM	3-FLAT	YES	4932471190
14mm	260MM	3-FLAT	YES	4932471191
16mm	160MM	3-FLAT	YES	4932493893



G2 CARBIDE HAMMER DRILL BIT SET (8PC)

Part No.	4932493881	4932493882
Description	8PC Carbide Multi-material Drill Bit Sets 3-FLAT	8PC Carbide Multi-material Drill Bit Sets 3-FLAT
Includes	4mm, 5mm, 5.5mm, (2) 6mm, 7mm, 8mm, 10mm	4mm, (2) 5mm, (2) 6mm, 8mm, 10mm, 12mm
Powertip (Dynamic Cutting Edges) on 10mm Diameters & up		

RED HELIX COBALT DRILL BIT SETS

- The RED HELIX Cobalt Drill Bits are engineered for extreme durability and longer life in hard metal applications. The drill bits now feature a QUAD EDGE Tip designed with four cutting edges that help decrease heat buildup and drill faster. The tapered drill bits' new Enhanced Tapered Web strengthens the bits' cores to increase flute durability. The bits also use a Variable Helix flute that includes an aggressive 35° Helix Angle which ends at 15°. The 135° Split Point Tip delivers a precision start and prevents walking for fast, accurate holes in Wood, PVC, mild steel, and stainless steel.


**RED
HELIX**

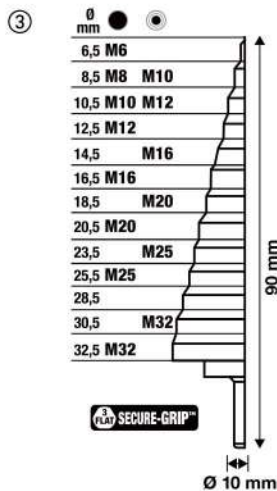
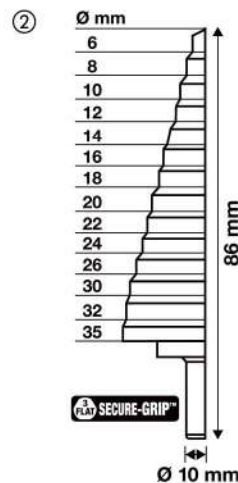
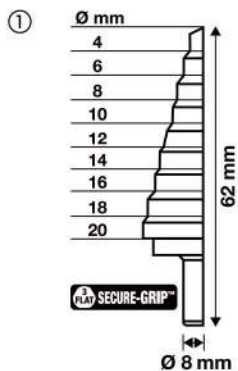
DESCRIPTIONS	INCLUDES	PART NO.
 19 Pc Metric RED HELIX Cobalt Drill Bit Set	(1) Ø 1 mm Cobalt RED HELIX Drill Bit (1) Ø 1.5 mm Cobalt RED HELIX Drill Bit (1) Ø 2 mm Cobalt RED HELIX Drill Bit (1) Ø 2.5 mm Cobalt RED HELIX Drill Bit (1) Ø 3 mm Cobalt RED HELIX Drill Bit (1) Ø 3.5 mm Cobalt RED HELIX Drill Bit (1) Ø 4 mm Cobalt RED HELIX Drill Bit (1) Ø 4.5 mm Cobalt RED HELIX Drill Bit (1) Ø 5 mm Cobalt RED HELIX Drill Bit (1) Ø 5.5 mm Cobalt RED HELIX Drill Bit (1) Ø 6 mm Cobalt RED HELIX Drill Bit (1) Ø 6.5 mm Cobalt RED HELIX Drill Bit (1) Ø 7 mm Cobalt RED HELIX Drill Bit (1) Ø 7.5 mm Cobalt RED HELIX Drill Bit (1) Ø 8 mm Cobalt RED HELIX Drill Bit (1) Ø 8.5 mm Cobalt RED HELIX Drill Bit (1) Ø 9 mm Cobalt RED HELIX Drill Bit (1) Ø 9.5 mm Cobalt RED HELIX Drill Bit (1) Ø 10 mm Cobalt RED HELIX Drill Bit	48-89-2530
 25 Pc Metric RED HELIX Cobalt Drill Bit Set	(1) Ø 1 mm Cobalt RED HELIX Drill Bit (1) Ø 1.5 mm Cobalt RED HELIX Drill Bit (1) Ø 2 mm Cobalt RED HELIX Drill Bit (1) Ø 2.5 mm Cobalt RED HELIX Drill Bit (1) Ø 3 mm Cobalt RED HELIX Drill Bit (1) Ø 3.5 mm Cobalt RED HELIX Drill Bit (1) Ø 4 mm Cobalt RED HELIX Drill Bit (1) Ø 4.5 mm Cobalt RED HELIX Drill Bit (1) Ø 5 mm Cobalt RED HELIX Drill Bit (1) Ø 5.5 mm Cobalt RED HELIX Drill Bit (1) Ø 6 mm Cobalt RED HELIX Drill Bit (1) Ø 6.5 mm Cobalt RED HELIX Drill Bit (1) Ø 7 mm Cobalt RED HELIX Drill Bit (1) Ø 7.5 mm Cobalt RED HELIX Drill Bit (1) Ø 8 mm Cobalt RED HELIX Drill Bit (1) Ø 8.5 mm Cobalt RED HELIX Drill Bit (1) Ø 9 mm Cobalt RED HELIX Drill Bit (1) Ø 9.5 mm Cobalt RED HELIX Drill Bit (1) Ø 10 mm Cobalt RED HELIX Drill Bit (1) Ø 10.5 mm Cobalt RED HELIX Drill Bit (1) Ø 11 mm Cobalt RED HELIX Drill Bit (1) Ø 11.5 mm Cobalt RED HELIX Drill Bit (1) Ø 12 mm Cobalt RED HELIX Drill Bit (1) Ø 12.5 mm Cobalt RED HELIX Drill Bit (1) Ø 13 mm Cobalt RED HELIX Drill Bit	48-89-2531


ALLIANCE SUPPLIES SDN.BHD.

COBALT STEP DRILL BIT

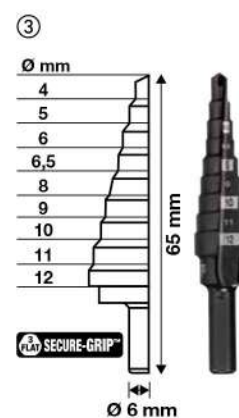
- New Aluminum Chromium Nitride (AlCrN) coating for 10x more life vs. MILWAUKEE standard step drill.
- For steel and stainless steel.
- RAPID STRIKE TIP:** Accurate start without walking and fast drilling without the need to pre-drill the material.
- Special tip and step geometry for jam-free performance - less risk of drill snagging when used with cordless tools and also prevents deformation of the drilled material.
- Optimised 2 flute ground sharpened edge geometry for 2 x faster and smoother cutting.
- With 3 flat secure grip to prevent step drill from slipping in the chuck and ensure maximum transmission of torque.
- Laser engraved size markings for best long term visibility.

Description	Shank Diameter (mm)	Overall Length (mm)	No. of Steps	Pack Quantity	Min. order quantity	Article Number	EAN Code
① 4 - 20 mm	8	62	10	1	1	48899372	045242603862
② 6 - 35 mm	10	86	16	1	1	48899395	045242567676
③ M6 - M32	10	90	14	1	1	48899380	045242567652
④ Cobalt Step Drill Set (2 Pc) Includes 2 cobalt step drill bits: 4 - 20 mm, 6 - 35 mm				2	1	48899398	045242529216



STEP DRILL BIT

	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	Step Drill Set (3 Pc) Includes 3 Step Drill Bits: 4 - 12 mm/1, 4 - 20 mm, 6 - 35 mm				3	1	48899399	045242344420

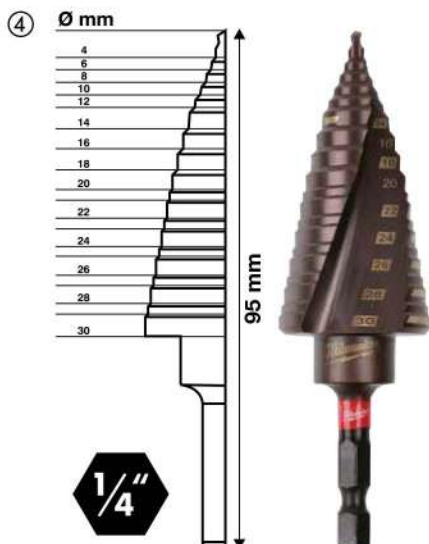
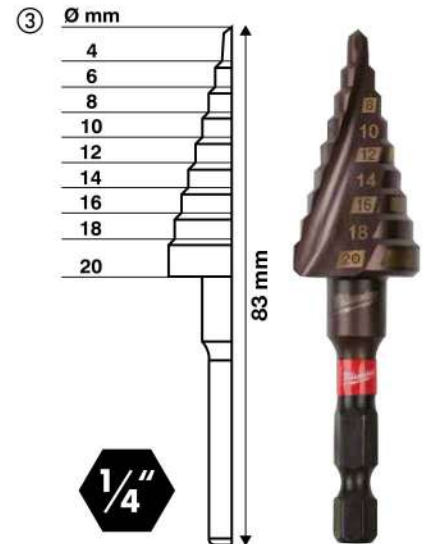
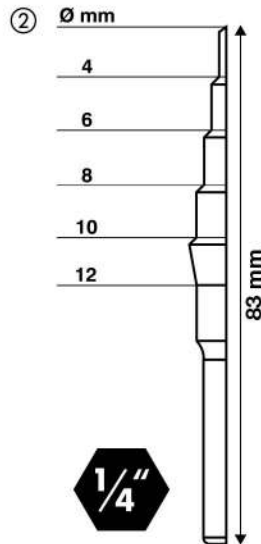
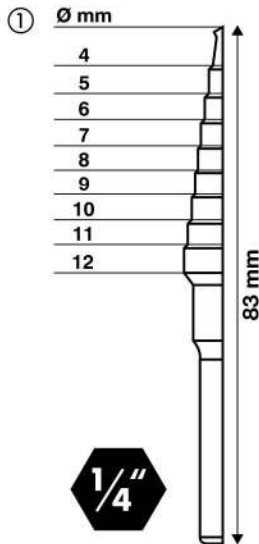


SHOCKWAVE IMPACT DUTY STEP DRILL BIT

- SHOCKWAVE Impact Duty step drills are designed to deliver best-in-class performance in impact drivers and also the versatility to be used in drill drivers.
- The 1/4" Hex shank with an optimised SHOCKZONE ensures maximum durability by preventing early shank breaks.
- New Titanium Aluminium Nitride coating helps to reduce heat generation for 5x more life.
- RAPID STRIKE TIP:** Accurate start without walking and fast drilling without the need to pre-drill the material.
- Dual spiral flute design: Optimised for impact driver speed and for smooth, jam-free drilling.
- Laser engraved markings: Do not wear away with time.



Description	Shank Diameter (mm)	Overall Length (mm)	No. of Steps	Pack Quantity	Min. Order Quantity	Article Number	EAN Code
① 4 - 12 mm / 1"	1/4" Hex	83	9	1	1	48899261	045242505166
② 4 - 12 mm / 2"	1/4" Hex	83	5	1	1	48899262	045242505173
③ 4 - 20 mm	1/4" Hex	83	9	1	1	48899263	045242505180
④ 4 - 30 mm	1/4" Hex	95	12	1	1	48899265	045242505203
SHOCKWAVE Impact Duty Step Drill Set (3 Pc)				3	1	48899266	045242505210
⑤ Includes 3 SHOCKWAVE Step Drill Bits: 4 - 12 mm/1, 4 - 20 mm, 4 - 30 mm							



CUTTING AND GRINDING WHEELS

METAL CUTTING WHEELS

Abrasive Type	Wheel Diameter (mm)	Thickness (mm)	Bore Size (mm)	Part No.	Image
WA60T	105	1	16	49 -94 -8400	
WA60T	125	1	22.2	49 -94 -8500	
A46S	180	1.6	22.2	49 -94 -8700	
A46T	355	3	25.4	49 -94 -8140	
A30R	355	2.5	25.4	49 -94 -8150	

METAL GRINDING WHEELS

Abrasive Type	Wheel Diameter (mm)	Thickness (mm)	Bore Size (mm)	Part No.	Image
A24R	100	6	16	49 -94 -8410	
A24R	125	6	22.2	49 -94 -8510	
A24R	180	6	22.2	49 -94 -8710	

SANDING BELTS

Paper Size (mm)	Grit	Pack Quality	Part No.	Image
75 X 457	40	5	4932480546	
75 X 457	60	5	4932480547	
75 X 457	80	5	4932480548	
75 X 457	100	5	4932480549	
75 X 457	150	5	4932480550	

POWERGRID SANDING MESH ACCESSORIES

- **SUPERIOR performance with** Faster Material Removal & Tight Corner Accessibility.
- **12X LONGER LIFE vs Standard Sandpaper.**
- **REUSABLE by** Shake, Rinse or Vacuum to Reuse Sanding Mesh.



Type	Grit	Pack Quality	Part No.
Pentagon Sanding Mesh	80	12	48-80-5080
Pentagon Sanding Mesh	120	12	48-80-5120
Pentagon Sanding Mesh	150	12	48-80-5150
Pentagon Sanding Mesh	180	12	48-80-5180
Pentagon Sanding Mesh	220	12	48-80-5220
Pentagon Sanding Mesh	320	12	48-80-5320
Pentagon Sanding Mesh	400	12	48-80-5400
Pentagon Sponge Interface Pad	-	1	48-80-5402
Pentagon Sanding Mesh Assorted Kits	80 x 4Pc, 120 x 4Pc, 180 x 4Pc, Pad saver x 1Pc	13	48-80-5405



**FASTER
THAN EVER**



Power Breakers

- 3 offset aggressive power breakers.
- +25% FASTER



Enlarged Rebar Chamfers

- Prevents side tip damage when hitting rebar
- Reduces the risk of the drill bit jamming when hitting rebar



Tapered Shoulder Design

- Thinner shoulder towards drill tip for less friction providing for greter speed



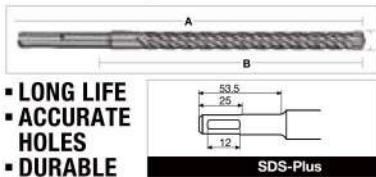
Centering Tip

- Ensures immediate spot drilling with pin point accuracy
- Prevents skidding on smooth surfaces

Reinforced Flute

- High volume flute geometry for optimum dust removal
- Reinforced flute design

SDS-PLUS M2 2 CUTTER DRILL BITS



- LONG LIFE
- ACCURATE HOLES
- DURABLE

SDS-Plus

Ø mm	A mm	B mm	Part # 4932
3	110	50	352892
3.2	110	50	451961
3.5	110	50	373908
4	110	50	339498
4	160	100	399143
5	110	50	307067
5	140	80	344290
5	160	100	399315
5	210	150	399316
5.5	110	50	339499
5.5	160	100	340408
5.5	210	150	399317
5.5	260	200	399318
5.5	310	250	399319
5.5	410	350	399320
6	110	50	307068
6	160	100	307069
6	210	150	373136
6	260	200	353819
6	310	250	399321
6	460	400 ▲	399322
6.5	110	50	344292
6.5	160	100	344293
6.5	210	150	399147
6.5	260	200	399148
6.5	310	250	399323
7	110	50	353820
7	160	100	340409
7	210	150	399222
7	250	190	399324
8	110	50	307070
8	160	100	307071
8	210	150	307072
8	260	200	353821
8	310	250	399325
8	400	340	399326
8	460	400 ▲	367013
8	600	540 ▲	399327
8	1000	940 ▲	399328

Ø mm	A mm	B mm	Part # 4932
8.5	160	100	451962
8.5	210	150	451963
9	160	100	353823
9	210	150	353822
9.5	310	250	451964
10	110	50	340410
10	160	100	307073
10	210	150	307074
10	260	200	344295
10	310	250	353824
10	350	290	451965
10	450	390	344296
10	600	540	367014
10	800	740	451966
10	1000	940	367015
10.5	160	100	451968
10.5	210	150	451969
10.5	260	200	451970
11	160	110	367066
11	210	160	451972
11	260	210	399329
12	160	110	307075
12	210	160	307076
12	260	210	344297
12	310	260	353825
12	360	310	451973
12	450	400 ▲	307077
12	600	550 ▲	367068
12	800	750 ▲	451974
12	1000	950 ▲	367017
12.7	160	110	451975
13	160	110	307946
13	210	160	451976
13	260	210	344298
13	310	260	451977
14	160	110	307078
14	210	160	353826
14	260	210	307079
14	310	260	399330
14	450	400 ▲	307088
14	600	550 ▲	367018
14	1000	950 ▲	367019
15	160	110	373910
15	210	160	451978

Ø mm	A mm	B mm	Part # 4932
15	260	210	344300
15	450	400 ▲	451979
16	160	110	307080
16	210	160	307081
16	260	210	399331
16	310	260	344301
16	450	400 ▲	307082
16	600	550 ▲	367069
16	800	750 ▲	367020
16	1000	950 ▲	367021
17	210	160	451980
17	310	260	451981
17	450	400 ▲	451982
18	200	150	344303
18	250	200	307083
18	300	250	344304
18	450	400 ▲	340411
18	600	550 ▲	367022
18	1000	950 ▲	367024
19	200	150	367070
19	450	400 ▲	367071
20	200	150	344305
20	250	200	307084
20	300	250	399027
20	450	400 ▲	307085
20	600	550 ▲	367025
20	1000	950 ▲	367026
22	250	200	373911
22	300	250	451984
22	450	400 ▲	344307
22	600	550 ▲	367027
22	1000	950 ▲	367029
23	250	200	451985
23	450	400 ▲	451986
24	250	200	373922
24	300	250	451987
24	450	400 ▲	307087
25	250	200	344308
25	300	250	451988
25	450	400 ▲	344309
25	600	550 ▲	451989
25	1000	950 ▲	367030
26	250	200	344310
26	450	400 ▲	344311

▲ Pre-drill with a short drill bit of the same diameter.

ALLIANCE SUPPLIES SDN.BHD.

M4

Longer Life!

Nothing but
HEAVY DUTY
Performance



Variable Flute Geometry
■ For Faster Drilling

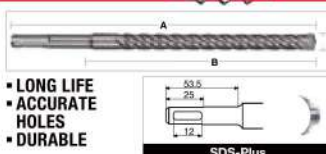


4 Cutter Single Solid Carbide Tip
■ Prevent Lock Up Rebar
■ Ensure Outstanding Lifetime



Centering Point
■ Ensures Optimum Guidance During Drilling

SDS-PLUS M4 4 CUTTER DRILL BITS



Ø mm	A mm	B mm	Part # 4932
5	110	50	352007
5	160	100	352008
5	210	150	430133
5.5	110	50	352009
5.5	160	100	352010
6	110	50	352011
6	160	100	352012
6	210	150	352013
6	260	200	352014
6	310	250	352015
6.5	110	50	430134

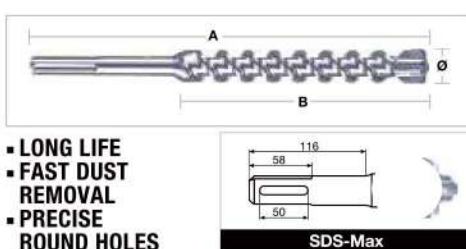
Ø mm	A mm	B mm	Part # 4932
6.5	160	100	430146
6.5	210	150	352016
6.5	260	200	352017
6.5	310	250	352018
7	110	50	352019
7	160	100	352020
8	110	50	352021
8	160	100	352022
8	210	150	352023
8	260	200	352024
8	310	250	352712
8	460	400	352713
9	160	100	352944
10	110	50	352025
10	160	100	352026
10	210	150	352027
10	260	200	352028
10	310	250	352029
10	450	400	352030
10	600	550	352945
10	1000	950	352946
11	160	110	451990
11	210	160	451991
12	160	110	352031

Ø mm	A mm	B mm	Part # 4932
12	210	160	352032
12	260	210	352033
12	310	260	352034
12	450	400	352035
12	600	550	352947
12	1000	950	352948
13	160	110	430136
13	260	210	430137
13	310	260	451982
14	160	110	352036
14	210	160	352037
14	260	210	352949
14	310	260	352038
14	450	400	352039
14	600	550	352950
14	1000	950	352951
15	160	110	430725
15	210	160	430138
15	260	210	352952
15	450	400	451984
16	160	110	430726
16	210	160	352953
16	260	210	352819
16	310	260	352954

Ø mm	A mm	B mm	Part # 4932
16	450	400	352820
16	600	550	352955
16	1000	950	352956
17	210	160	451995
18	250	200	356502
18	450	400	356503
20	250	200	356504
20	450	400	356505
22	250	200	399332
22	450	400	356506
24	250	200	356507
24	450	400	356508
25	250	200	399333
25	450	400	356509
28	250	200	399334
28	450	400	356510
30	250	200	399335
30	450	400	356511
32	450	400	399336

▲ Pre-drill with a short drill bit of the same diameter.

SDS-MAX M4 4 CUTTER DRILL BITS



Ø mm	A mm	B mm	Part # 4932
12	340	200	352750
12	540	400	352751
12	740	600	430727
14	340	200	352752
14	540	400	352753
15	340	200	352754
15	540	400	352755
16	340	200	352756
16	540	400	352757
16	940	800	352758
16	1320	1180	352759

Ø mm	A mm	B mm	Part # 4932
18	340	200	352760
18	540	400	352761
18	940	800	352762
18	1320	1180	352763
20	320	200	352764
20	520	400	352765
20	920	800	352766
20	1320	1200	352767
22	320	200	352768
22	520	400	352769
22	920	800	352770
22	1320	1200	352771
24	320	200	352772
24	520	400	352773
25	320	200	352774
25	520	400	352775
25	920	800	352776
25	1320	1200	352777
26	520	400	430728
28	370	250	352778
28	570	450	352779
28	670	550	352780
28	920	800	352781

Ø mm	A mm	B mm	Part # 4932
28	1320	1200	352782
30	370	250	352783
30	570	450	352784
32	370	250	352785
32	570	450	352786
32	920	800	352787
32	1320	1200	352788
35	370	250	352789
35	570	450	352790
35	920	800	352791
37	370	250	430364
37	570	450	430751
38	370	250	352792
38	570	450	352793
40	370	250	352794
40	570	450	352795
40	920	800	352796
40	1320	1200	352797
45	570	450	352798
50	570	450	430731
52	570	450	352799

▲ Pre-drill with a short drill bit of the same diameter.

SDS-PLUS SLEDGE SELF SHARPENING CHISELS

- 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	Article Number	Image
SDS-Plus SLEDGE Wide Chisel	250	40	1	4932478264	
SDS-Plus SLEDGE Tile Chisel	250	50	1	4932478265	
G2 SDS-Plus SLEDGE Pointed Chisel	250		1	4932493607	
G2 SDS-Plus SLEDGE Pointed Chisel	250	20	1	4932493609	

SDS-MAX SLEDGE SELF SHARPENING CHISELS

- 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	Article Number	Image
SDS-Max SLEDGE Pointed Chisel	400		1	4932478266	
			20	4932478274	
SDS-Max SLEDGE Flat Chisel	400	25	1	4932478267	
			20	4932478275	
SDS-Max SLEDGE 2 Wide Chisel	380	50	1	4932478268	
SDS-Max SLEDGE 3 Wide Chisel	300	80	1	4932478269	
SDS-Max SLEDGE Tile Chisel	380	50	1	4932478270	
SDS-Max SLEDGE Tile Chisel	300	50	1	4932478271	