

SHOCKWAVE™ IMPACT DUTY ACCESSORIES

SHOCKWAVE™ MATRIX CARBIDE™ IMPACT DUTY DRIVER BITS

OVERVIEW

Our SHOCKWAVE™ MATRIX CARBIDE™ Impact Duty Driver Bits have new-to-world innovation that solves your frustration of driver bit tips wearing out prematurely. The impact driver bits combine our optimized SHOCK ZONE™ technology with our new proprietary MATRIX CARBIDE™ Steel to give this driver bit the ability to absorb the peak torques of impacts while also providing you with extreme wear resistance. This revolutionary advancement in impact driver bit technology is backed with a LIFETIME TIP WARRANTY™ ensuring that you will continue to be able to drive fasteners long after all other impact bits have failed.

FEATURES

- LIFETIME TIP WARRANTY™ ensures the best fit over the life of the bit
- Optimized SHOCK ZONE™ absorbs peak torque and prevents breaking
- MATRIX CARBIDE™ Steel provides extreme wear resistance and bit life



SHOCKWAVE™ MATRIX CARBIDE™ PHILLIPS IMPACT DRIVER BITS

Drive Size	Length	1 Pack	2 Pack	10 Pack (Bulk)
PH1	1"	-	48-32-3411	-
PH1	2.25"	-	48-32-3911	-
PH2	1"	-	48-32-3412	48-32-3812
PH2	2.25"	-	48-32-3912	48-32-3862
PH2	3.5"	48-32-3562	-	48-32-3892
PH3	1"	-	48-32-3413	-
PH3	2.25"	-	48-32-3913	-

AVAILABLE FALL 2019

SHOCKWAVE™ MATRIX CARBIDE™ TORX® IMPACT DRIVER BITS

Drive Size	Length	1 Pack	2 Pack	10 Pack (Bulk)
T20	1"	-	48-32-3414	-
T20	2.25"	-	48-32-3984	-
T25	1"	-	48-32-3436	48-32-3836
T25	2.25"	-	48-32-3985	48-32-3885
T25	3.5"	48-32-3561	-	48-32-3896

AVAILABLE FALL 2019

SHOCKWAVE™ MATRIX CARBIDE™ SQUARE RECESS IMPACT DRIVER BITS

Drive Size	Length	1 Pack	2 Pack	10 Pack (Bulk)
SQ1	1"	-	48-32-3421	-
SQ1	2.25"	-	48-32-3921	-
SQ2	1"	-	48-32-3422	48-32-3822
SQ2	2.25"	-	48-32-3922	48-32-3872
SQ2	3.5"	48-32-3572	-	48-32-3895
SQ3	1"	-	48-32-3423	-
SQ3	2.25"	-	48-32-3923	-

SHOCKWAVE™ MATRIX CARBIDE™ IMPACT INSERT BIT SETS

Description	Includes		Part No.
 3 Pc SHOCKWAVE™ MATRIX CARBIDE™ Impact 3" Magnetic Bit Holder Set	(1) 3" Bit Holder (2) #2 Phillips SHOCKWAVE™ MATRIX CARBIDE™ Impact 1" Insert Bits (2 pk) (48-32-3412)		48-32-3100
 25 Pc SHOCKWAVE™ MATRIX CARBIDE™ Impact Driver Bit Set	(1) 3" Magnetic Bit Holder (1) Insert Bit 1" PH1 (5) Insert Bit 1" PH2 (1) Insert Bit 1" PH3 (1) Insert Bit 1" SQ1 (3) Insert Bit 1" SQ2 (1) Insert Bit 1" SQ3	(1) Insert Bit 1" T15 (2) Insert Bit 1" T20 (3) Insert Bit 1" T25 (2) Power Bit 2-1/4" PH2 (2) Power Bit 2-1/4" SQ2 (2) Power Bit 2-1/4" T25	48-32-3101

SHOCKWAVE™ IMPACT DUTY DRIVER BITS

OVERVIEW

Our SHOCKWAVE™ Impact Duty Driver Bits are engineered to be the Most Durable, Best Fitting driver bits on the market. The WEAR GUARD TIP™ delivers increased wear resistance which protects your impact bit's fit over the life of the bit. The SHOCK ZONE™ is optimized for each tip type and length of driver bit in the set to absorb peak torque and prevent breaking. The driver bits have CUSTOM ALLOY76™ for a customized steel and heat treatment per tip type to extend the life of your driver bits, providing up to 50X life versus other impact driver bits on the market. Our MILWAUKEE® SHOCKWAVE™ driver bits are built to provide you with extreme durability for the most demanding applications.

FEATURES

- Optimized SHOCK ZONE™: absorbs peak torque and prevents breaking
- WEAR GUARD TIP™: protects the fit over the life of the driver bit
- CUSTOM ALLOY76™: steel is customized per tip type to extend the life of the driver bit



+ SHOCKWAVE™ PHILLIPS IMPACT BITS

Bit	Length	1 Pack	2 Pack	5 Pack	15 Contractor Pack	25 Contractor Pack	25 Pack + Compact Magnetic Bit Holder	10 Pack	25 Pack	250 Pack	Bulk 10	Bulk 25	Bulk 250
PH1	1"	-	48-32-4411	48-32-4661	-	-	-	-	48-32-4111	48-32-4280	-	48-32-4711	48-32-4880
	2"	48-32-4461	-	AVAILABLE FALL 2019 48-32-4638	-	-	-	-	48-32-4160	-	-	48-32-4760	-
	3.5"	48-32-4560	-	AVAILABLE FALL 2019 48-32-4565	-	-	-	-	-	-	-	-	-
	6"	AVAILABLE FALL 2019 48-32-4800	-	-	-	-	-	48-32-4801	-	-	48-32-4201	-	-
PH2	1"	-	48-32-4412	48-32-4601	48-32-5003	48-32-4604	48-32-5009	-	48-32-4112	48-32-4281	-	48-32-4712	48-32-4881
	2"	48-32-4462	-	48-32-4602	48-32-5004	-	-	-	48-32-4162	48-32-4262	-	48-32-4762	48-32-4862
	3.5"	48-32-4562	-	48-32-4564	-	-	-	-	48-32-4191	-	-	48-32-4791	-
	6"	48-32-4802	-	-	-	-	-	48-32-4207	-	-	48-32-4807	-	-
PR2	1"	-	48-32-4444	-	-	48-32-4644	-	-	48-32-4114	-	-	48-32-4746	-
PH3	1"	-	48-32-4413	48-32-4663	-	-	-	-	48-32-4113	48-32-4282	-	48-32-4713	48-32-4882
	2"	48-32-4463	-	AVAILABLE FALL 2019 48-32-4639	-	-	-	-	48-32-4163	48-32-4263	-	48-32-4763	48-32-4863
	3.5"	48-32-4563	-	AVAILABLE FALL 2019 48-32-4566	-	-	-	-	48-32-4192	-	-	48-32-4792	-
	6"	AVAILABLE FALL 2019 48-32-4308	-	-	-	-	-	48-32-4208	-	-	48-32-4808	-	-

✦ SHOCKWAVE™ POZIDRIV® IMPACT BITS

Bit	Length	1 Pack	2 Pack	Bit	Length	1 Pack	2 Pack	Bit	Length	1 Pack	2 Pack
PZ1	1"	-	48-32-4431	PZ2	1"	-	48-32-4432	PZ3	1"	-	48-32-4433
	2"	48-32-4831	-		2"	48-32-4832	-		2"	48-32-4833	-

○ SHOCKWAVE™ SQUARE RECESS IMPACT BITS

Bit	Length	1 Pack	2 Pack	5 Pack	10 Contractor Pack	15 Contractor Pack	10 Pack	25 Pack	10 Pack (Bulk)	25 Pack (Bulk)
SQ1	1"	-	48-32-4421	48-32-4621	-	-	-	48-32-4161	-	48-32-4761
	2"	48-32-4471	-	48-32-4671	-	-	-	48-32-4171	-	48-32-4771
	3-1/2"	48-32-4571	-	AVAILABLE FALL 2019 48-32-4575	-	-	-	48-32-4194	-	48-32-4794
	6"	AVAILABLE FALL 2019 48-32-4622	-	-	-	-	-	-	-	-
SQ2	1"	-	48-32-4422	48-32-4605	48-32-5008	-	-	48-32-4122	-	48-32-4722
	2"	48-32-4472	-	48-32-4606	-	48-32-5010	-	48-32-4172	-	48-32-4772
	3-1/2"	48-32-4572	-	48-32-4574	-	-	-	48-32-4195	-	48-32-4795
	6"	48-32-4805	-	48-32-4855	-	-	48-32-4215	-	48-32-4815	-

□ SHOCKWAVE™ SQUARE RECESS IMPACT BITS

Bit	Length	1 Pack	2 Pack	5 Pack	10 Contractor Pack	15 Contractor Pack	10 Pack	25 Pack	10 Pack (Bulk)	25 Pack (Bulk)
SQ3	1"	-	48-32-4423	-	-	-	-	-	-	48-32-4723
	2"	48-32-4473	48-32-4910	-	-	-	-	48-32-4173	-	48-32-4773
	3-1/2"	48-32-4573	-	-	-	-	-	48-32-4196	-	48-32-4796
	6"	48-32-4809	-	-	-	-	48-32-4216	-	48-32-4816	-

✦ SHOCKWAVE™ TORX® IMPACT BITS

Bit	Length	1 Pack	2 Pack	5 Pack	7 Pc	15 Pack Contractor Pack	25 Pack + Compact Magnetic Bit Holder	10 Pack	25 Pack	10 Pack (Bulk)	25 Pack (Bulk)
T10	1"	-	48-32-4427	AVAILABLE FALL 2019 48-32-4627	-	-	-	-	-	-	-
	2"	48-32-4482	-	AVAILABLE FALL 2019 48-32-4682	-	-	-	-	48-32-4182	-	48-32-4782
	3-1/2"	-	-	AVAILABLE FALL 2019 48-32-4576	-	-	-	-	-	-	-
T15	1"	-	48-32-4428	AVAILABLE FALL 2019 48-32-4628	-	-	-	-	48-32-4134	-	48-32-4734
	2"	48-32-4483	-	AVAILABLE FALL 2019 48-32-4683	-	-	-	-	-	-	48-32-4783
	3-1/2"	-	-	AVAILABLE FALL 2019 48-32-4577	-	-	-	-	48-32-4394	-	48-32-4594
	6"	-	-	-	-	-	-	AVAILABLE FALL 2019 48-32-4244	-	AVAILABLE FALL 2019 48-32-4844	-
T20	1"	-	48-32-4414	AVAILABLE FALL 2019 48-32-4614	-	48-32-5011	48-32-5013	-	48-32-4135	-	48-32-4735
	2"	48-32-4484	48-32-4984	AVAILABLE FALL 2019 48-32-4684	-	48-32-5012	-	-	48-32-4184	-	48-32-4784
	3-1/2"	-	-	AVAILABLE FALL 2019 48-32-4578	-	-	-	-	48-32-4395	-	48-32-4595
	6"	-	-	-	-	-	-	AVAILABLE FALL 2019 48-32-4245	-	AVAILABLE FALL 2019 48-32-4845	-
T25	1"	-	48-32-4436	AVAILABLE FALL 2019 48-32-4636	-	48-32-5014	48-32-5016	-	48-32-4136	-	48-32-4736
	2"	48-32-4485	48-32-4985	48-32-4685	-	48-32-5015	-	-	48-32-4185	-	48-32-4785
	3-1/2"	48-32-4561	-	AVAILABLE FALL 2019 48-32-4579	-	-	-	-	48-32-4396	-	48-32-4596
	6"	48-32-4810	-	-	-	-	-	48-32-4246	-	48-32-4846	-
T27	2"	48-32-4486	-	-	-	-	-	-	-	-	48-32-4786
	3-1/2"	-	-	-	-	-	-	-	48-32-4397	-	48-32-4597
	6"	-	-	-	-	-	-	AVAILABLE FALL 2019 48-32-4247	-	AVAILABLE FALL 2019 48-32-4847	-
T30	1"	-	-	AVAILABLE FALL 2019 48-32-4637	-	-	-	-	-	-	-
	2"	48-32-4487	48-32-4914	48-32-4687	-	-	-	-	48-32-4187	-	48-32-4787
	3-1/2"	AVAILABLE FALL 2019 48-32-4289	-	AVAILABLE FALL 2019 48-32-4580	-	-	-	-	48-32-4398	-	48-32-4598
	6"	AVAILABLE FALL 2019 48-32-4290	-	-	-	-	-	AVAILABLE FALL 2019 48-32-4248	-	AVAILABLE FALL 2019 48-32-4848	-
T40	2"	48-32-4488	-	-	-	-	-	-	48-32-4188	-	48-32-4788
T50	1"	-	48-32-4989	-	-	-	-	-	48-32-4189	-	48-32-4789
7 Pc TORX® Insert Bits (T10, T15, T20, T25, T27, T30, T40)		-	-	-	48-32-4615	-	-	-	-	-	-

SHOCKWAVE™
IMPACT DUTY ACCESSORIES

SHOCKWAVE™
IMPACT DUTY ACCESSORIES

SHOCKWAVE™ SLOTTED IMPACT BITS

Drive Size	Length	1 Pack	2 Pack	25 Pack (Bulk)	25 Pack
SL#4	1"	-	-	48-32-4715	48-32-4115
SL#4	2"	-	-	48-32-4755	48-32-4155
SL#6	1"	-	48-32-4416	48-32-4716	48-32-4116
SL#6	2"	48-32-4916	-	48-32-4756	48-32-4156
SL#8	1"	-	48-32-4417	48-32-4717	48-32-4117
SL#8	2"	48-32-4919	-	48-32-4757	48-32-4157

Drive Size	Length	1 Pack	2 Pack	25 Pack (Bulk)	25 Pack
SL#10	1"	-	48-32-4418	48-32-4718	48-32-4118
SL#10	2"	48-32-4918	-	48-32-4758	48-32-4158
SL#12	1"	-	-	48-32-4719	48-32-4119
SL#12	2"	-	-	48-32-4759	48-32-4159
SL#8 / SL#10	2"	-	48-32-4290	-	-

SHOCKWAVE™ ECX™ IMPACT BITS

Drive Size	Length	25 Pack (Bulk)	25 Pack
ECX1	1"	48-32-4741	48-32-4141
ECX1	2"	48-32-4744	48-32-4144
ECX2	1"	48-32-4742	48-32-4142
ECX2	2"	48-32-4745	48-32-4145

Drive Size	Length	2 Pack
ECX™ Combo	1"	48-32-4440
ECX™ Combo	2"	48-32-4443

SHOCKWAVE™ HEX IMPACT BITS

SAE Bit	Length	25 Pack (Bulk)
1/16"	1"	48-32-4700
5/64"	1"	48-32-4701
3/32"	1"	48-32-4702

SAE Bit	Length	25 Pack (Bulk)
7/64"	1"	48-32-4703
1/8"	1"	48-32-4704
9/64"	1"	48-32-4705

SAE Bit	Length	25 Pack (Bulk)
5/32"	1"	48-32-4706
3/16"	1"	48-32-4707
1/4"	1"	48-32-4709

SAE Bit	Length	9 Pack
9 Pc SAE Hex Insert Bits (1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 1/4")	1"	48-32-4616

METRIC HEX IMPACT BITS

Metric Bit	Length	25 Pack (Bulk)
2.5mm	1"	48-32-4724
3mm	1"	48-32-4725
4mm	1"	48-32-4726

Metric Bit	Length	25 Pack (Bulk)
5mm	1"	48-32-4727
6mm	1"	48-32-4728
8mm	1"	48-32-4729

Metric Bit	Length	25 Pack (Bulk)
10mm	1"	48-32-4730
12mm	1"	48-32-4731

Metric Bit	Length	8 Pack
8 Pc Metric Hex Insert Bits (2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm)	1"	48-32-4617

SHOCKWAVE™ DOUBLE-ENDED BITS

Bit	Length	1 Pack
PH2/SL#10	2-3/8"	48-32-4310
PH2/SQ2	2-3/8"	48-32-4311

Bit	Length	1 Pack
PH2/T25	2-3/8"	48-32-4312
T20/T25	2-3/8"	48-32-4313

SHOCKWAVE™ SPECIALTY IMPACT DUTY DRIVER BITS

SHOCKWAVE™ SPECIALTY IMPACT DRIVER BITS

Description	Includes		Part No.
 Specialty Wood Screws SHOCKWAVE™ Impact 1" Insert Bits (2 pk)	(2) Specialty Wood Screws Bit 1" One Size		48-32-4448
 Specialty Wood Screws SHOCKWAVE™ Impact 2" Insert Bits (2 pk)	(2) Specialty Wood Screws Bit 2" One Size		48-32-4648
 7 Pc SHOCKWAVE™ Impact Hex Security 1" Insert Bit Set	(1) Hex Security Bit 1" 5/64" (1) Hex Security Bit 1" 3/32" (1) Hex Security Bit 1" 7/64" (1) Hex Security Bit 1" 1/8"	(1) Hex Security Bit 1" 9/64" (1) Hex Security Bit 1" 5/32" (1) Hex Security Bit 1" 3/16"	48-32-4619
 9 Pc SHOCKWAVE™ Impact Security 1" Insert Bit Set	(1) TORX® Security Bit 1" T20 (2) TORX® Security Bit 1" T25 (1) TORX® Security Bit 1" T30 (1) Hex Security Bit 1" 1/8"	(1) Hex Security Bit 1" 5/32" (1) Spanner Bit 1" SL#10 (1) Clutch G Bit 1" 3/16" (1) Clutch G Bit 1" 5/32"	48-32-4620
 10 Pc SHOCKWAVE™ Impact TORX® Security 1" Insert Bit Set	(1) TORX® Security Bit 1" T7 (1) TORX® Security Bit 1" T8 (1) TORX® Security Bit 1" T9 (1) TORX® Security Bit 1" T10 (1) TORX® Security Bit 1" T15	(1) TORX® Security Bit 1" T20 (1) TORX® Security Bit 1" T25 (1) TORX® Security Bit 1" T27 (1) TORX® Security Bit 1" T30 (1) TORX® Security Bit 1" T40	48-32-4618

SHOCKWAVE™ IMPACT DUTY MAGNETIC BIT HOLDERS

OVERVIEW

MILWAUKEE® SHOCKWAVE™ Impact Duty Magnetic Bit Holders are engineered for extreme durability and up to 30X longer life. They are made from CUSTOM ALLOY76™ Steel that maximizes resistance to wear and shock. The bit holders feature an optimized SHOCK ZONE™ which absorbs peak torque and prevents the adapter from breaking. SHOCKWAVE™ Magnetic Bit Holders offer extreme durability for even the most demanding applications.

FEATURES

- CUSTOM ALLOY76™ Steel maximizes resistance to wear and shock
- Optimized SHOCK ZONE™ absorbs peak torque and prevents breaking
- Internal Magnet holds fastener
- C-Ring holds insert bit in place



SHOCKWAVE™ IMPACT MAGNETIC BIT HOLDERS

Description	Size	1 Pack	5 Piece	6 Piece	11 Piece	10 Pack	Bulk 10	250 Pack	Bulk 250
SHOCKWAVE™ Impact Magnetic Bit Holder	Compact	48-32-4502	-	-	-	-	48-32-4504	48-32-4204	48-32-4804
SHOCKWAVE™ Impact Magnetic Bit Holder	3"	48-32-4503	-	-	-	48-32-4305	48-32-4505	48-32-4203	48-32-4803
SHOCKWAVE™ Impact Magnetic Bit Holder	6"	48-32-4511	-	-	-	-	48-32-4521	-	-
SHOCKWAVE™ Impact Magnetic Bit Holder	12"	48-32-4512	-	-	-	-	48-32-4522	-	-

IMPACT BIT HOLDER SETS

Description	Includes	Part No.
 5 Pc SHOCKWAVE™ Impact Conduit Reaming Bit Holder	(1) Conduit Reaming Bit Holder (1) ECX™ Insert Bit 1" ECX2 (1) Phillips Insert Bit 1" PH2 (1) Square Recess Insert Bit 1" SQ2 (1) Slotted Insert Bit 1" SL#10	48-32-2350
 5 Pc SHOCKWAVE™ Impact Conduit Reamer Replacement Blades	(2) Cap Screws (1) Hex Key (2) Replacement Blades	48-32-2351
 6 Pc SHOCKWAVE™ 30° KNUCKLE™ Impact Pivoting Bit Holder	(1) 30° KNUCKLE™ Impact Pivoting Bit Holder (1) Phillips Insert Bit 1" PH1 (1) Phillips Insert Bit 1" PH2 (1) Square Recess Insert Bit 1" SQ1 (1) Square Recess Insert Bit 1" SQ2 (1) Slotted Insert Bit 1" SL#10	48-32-2300
 11 Pc SHOCKWAVE™ 30° KNUCKLE™ Impact Pivoting Bit Holder	(1) 30° KNUCKLE™ Impact Pivoting Bit Holder (1) Phillips Insert Bit 1" PH1 (1) Phillips Insert Bit 1" PH2 (1) Phillips Insert Bit 1" PH3 (1) Square Recess Insert Bit 1" SQ1 (1) Square Recess Insert Bit 1" SQ2 (1) Slotted Insert Bit 1" SL#6 (1) Slotted Insert Bit 1" SL#10 (1) Slotted Insert Bit 1" SL#12 (1) TORX® Insert Bit 1" T25	48-32-2301
 SHOCKWAVE™ Impact Right Angle Adapter	(1) Impact Right Angle Adapter	48-32-2390

SHOCKWAVE™ IMPACT DUTY LOCKING BIT HOLDERS

OVERVIEW

MILWAUKEE® SHOCKWAVE™ Impact Duty Locking Bit Holders are engineered to be the most durable, strongest locking bit holders on the market. The intuitive auto-locking design fits all inserts and 1/4" hex bits and the small-profile quick release collar allows for easy one-handed bit tip changes. The new locking bit holders feature two magnets to maximize magnetic transfer and holding power to the fastener and prevent drops. As with all SHOCKWAVE™ Impact Duty Accessories, each bit holder features an optimized SHOCK ZONE™ geometry to provide up to 30X longer life and absorb 3X more torque to prevent breakage.

FEATURES

- Auto-Locking Design: Fits all inserts and 1/4" hex bits
- Quick Release Collar: One-handed bit changes
- Dual Magnets: Maximize magnetic transfer and holding power to fastener
- Optimized SHOCK ZONE™: Absorbs peak torque and prevents breaking

SHOCKWAVE™ IMPACT LOCKING BIT HOLDERS

Description	1 Pack
2-7/8" SHOCKWAVE™ Impact Locking Bit Holder	48-32-4531
6" SHOCKWAVE™ Impact Locking Bit Holder	48-32-4532
12" SHOCKWAVE™ Impact Locking Bit Holder	48-32-4533
18" SHOCKWAVE™ Impact Locking Bit Holder	48-32-4534

