

Up To 10x Life

- Compression Forged Tip**
Ideal fit and reduces breakage
- Shock Zone Geometry™**
Designed to flex with spring-like action
Reduces stress at the tip
- Custom Engineered Steel & Heat Treatment**
High shock resistance

ENGINEERED FOR IMPACT DRIVERS

* patent pending

SHOCKWAVE™ IMPACT DUTY

SHOCKWAVE™ INSERT BITS

Description	Individual Part Number	Qty	Individual Part Number	Qty	Bulk Part Number	Qty	Bulk Part Number	Qty
SHOCKWAVE™ Insert Bit Phillips #1	48-32-4411	2	48-32-4661	5			48-32-4880	250
SHOCKWAVE™ Insert Bit Phillips #2	48-32-4412	2	48-32-4601	5	48-32-4712	25	48-32-4881	250
SHOCKWAVE™ Insert Bit Phillips #2 Red. Dia.	48-32-4444	2						
SHOCKWAVE™ Insert Bit Phillips #3	48-32-4413	2	48-32-4663	5	48-32-4713	25	48-32-4882	250
SHOCKWAVE™ Insert Bit Sq Recess #1	48-32-4421	2	48-32-4621	5	48-32-4761	25		
SHOCKWAVE™ Insert Bit Sq Recess #2	48-32-4422	2	48-32-4605	5	48-32-4722	25		
SHOCKWAVE™ Insert Bit Sq Recess #3	48-32-4423	2						
SHOCKWAVE™ Insert Bit Slotted 7/64"					48-32-4715	25		
SHOCKWAVE™ Insert Bit Slotted 1/8"	48-32-4416	2			48-32-4716	25		
SHOCKWAVE™ Insert Bit Slotted 3/16"	48-32-4417	2			48-32-4717	25		
SHOCKWAVE™ Insert Bit Slotted 1/4"	48-32-4418	2			48-32-4718	25		
SHOCKWAVE™ Insert Bit Slotted 9/32"					48-32-4719	25		
SHOCKWAVE™ Insert Bit TORX® T15					48-32-4734	25		
SHOCKWAVE™ Insert Bit TORX® T20	48-32-4414	2			48-32-4735	25		
SHOCKWAVE™ Insert Bit TORX® T25	48-32-4436	2			48-32-4736	25		
SHOCKWAVE™ 7Pc TORX® 1" Insert Bit Set	48-32-4615	7						
SHOCKWAVE™ Insert Bit Ecx #1	48-32-4441	2			48-32-4741	25		
SHOCKWAVE™ Insert Bit Ecx #2	48-32-4442	2			48-32-4742	25		
SHOCKWAVE™ Insert Nut Driver Set (1/4", 5/16", 3/8", 7/16", 1/2")	49-66-4563	5						

EXPAND DO MORE

CARRY LESS

100's OF COMBINATIONS

30° KNUCKLE™ 2-3/8" 60.3 mm 3" 76.2 mm 6" 152.4 mm 12" 304.8 mm

Description	Individual Part Number	Qty	Individual Part Number	Qty	Bulk Part Number	Qty
SHOCKWAVE™ 30° Knuckle	48-32-2301					
SHOCKWAVE™ Bit Tip Holder Mag 2.36"	48-32-4502		48-32-4504	10		
SHOCKWAVE™ Bit Tip Holder Mag 3"	48-32-4503		48-32-4505	10	48-32-4803	250
SHOCKWAVE™ Bit Tip Holder Mag 6"	48-32-4511					
SHOCKWAVE™ Bit Tip Holder Mag 12"	48-32-4512					
SHOCKWAVE™ 3" Magnetic Drive Guide	48-32-4508		48-32-4509	10		



SHOCKWAVE™ SOCKETS, NUT DRIVERS & STANDARD ADAPTERS

SHOCKWAVE™ SOCKETS AND ADAPTERS

IMPACT DUTY STEEL

- Chrome-molybdenum sockets

DEEP WELL, THIN WALL CONSTRUCTION

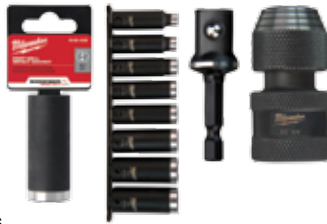
- Provides access in tight areas

6-PT RECESSED CORNERS

- Maximum surface contact on fastener

LASER ETCHED SIZE MARKINGS

- Easy identification, won't wear off



Description	Individual Part Number	Qty	Bulk Part Number	Qty
1/4" Hex Shank to 1/4" SHOCKWAVE™ Socket Adapter	48-32-5030	1	48-32-5730	10
1/4" Hex Shank to 3/8" SHOCKWAVE™ Socket Adapter	48-32-5031	1	48-32-5731	10
1/4" Hex Shank to 1/2" SHOCKWAVE™ Socket Adapter	48-32-5032	1	48-32-5732	10
1/4" Hex Shank Socket Adapter Set (1/4", 3/8", 1/2")	48-32-5033	3		
3/8" Square x 1/4" SHOCKWAVE™ Hex Adapter	48-03-4405	1		
1/2" Square x 1/4" SHOCKWAVE™ Hex Adapter	48-03-4410	1		
5/16" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4422	1		
3/8" SHOCKWAVE™ Deep Well, Thin Wall, 3/8" Drive	49-66-4424	1		
7/16" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4425	1		
1/2" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4426	1		
9/16" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4427	1		
5/8" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4428	1		
11/16" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4429	1		
3/4" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4430	1		
13/16" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4431	1		
7/8" SHOCKWAVE™ Deep Well, 3/8" Drive	49-66-4432	1		
8 Pc 3/8" SHOCKWAVE™ Drive Deep Well Set (5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4")	49-66-4419	8		
1/2" SHOCKWAVE™ Socket Deep Well 3/8"	49-66-4461	1		
1/2" SHOCKWAVE™ Socket Deep Well 7/16"	49-66-4462	1		
1/2" SHOCKWAVE™ Socket Deep Well 1/2"	49-66-4463	1		
1/2" SHOCKWAVE™ Socket Deep Well 9/16"	49-66-4464	1		
1/2" SHOCKWAVE™ Socket Deep Well 5/8"	49-66-4465	1		
1/2" SHOCKWAVE™ Socket Deep Well 11/16"	49-66-4466	1		
1/2" SHOCKWAVE™ Socket Deep Well 3/4"	49-66-4467	1		
1/2" SHOCKWAVE™ Socket Deep Well 13/16"	49-66-4468	1		
1/2" SHOCKWAVE™ Socket Deep Well 7/8"	49-66-4469	1		
1/2" SHOCKWAVE™ Socket Deep Well 1"	49-66-4471	1		
1/2" SHOCKWAVE™ Socket Deep Well 1-1/16"	49-66-4472	1		
1/2" SHOCKWAVE™ Socket Deep Well 1-1/8"	49-66-4473	1		
1/2" SHOCKWAVE™ Socket Deep Well 1-1/4"	49-66-4475	1		
8Pc 1/2" SHOCKWAVE™ Drive Deep Well Set	49-66-4484	8		
12Pc 1/4" Drive Metric Socket Set	49-66-4301	12		

SHOCKWAVE™ MAGNETIC NUT DRIVERS

COLOR CODED BANDS

- For fast, easy identification



CHAMFERED EDGE

- Better fit
- Reduced rounding of fasteners

Description	Individual Part Number	Qty	Bulk Part Number	Qty
1/4" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4502	1	49-66-4702	10
5/16" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4503	1	49-66-4703	10
3/8" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4505	1	49-66-4705	10
7/16" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4506	1	49-66-4706	10
1-7/8" SHOCKWAVE™ Magnetic Nut Driver Set (1/4", 5/16", 3/8")	49-66-4561	3		
1-7/8" SHOCKWAVE™ Magnetic Nut Driver Set (1/4", 5/16", 3/8", 7/16")	49-66-4562	4		
1/4" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4522	3	49-66-4732	10
5/16" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4523	3	49-66-4733	10
3/8" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4525	3	49-66-4735	10
7/16" x 1-7/8" SHOCKWAVE™ Magnetic Nut Driver	49-66-4526	3	49-66-4736	10
1/4" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4532	1	49-66-4832	250
5/16" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4533	1	49-66-4833	250
3/8" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4535	1	49-66-4835	250
7/16" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4536	1		
1/2" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4537	1	49-66-4737	10
2-9/16" SHOCKWAVE™ Mag Nut Driver 7mm			49-66-4607	10
2-9/16" SHOCKWAVE™ Mag Nut Driver 8mm			49-66-4608	10
2-9/16" SHOCKWAVE™ Mag Nut Driver 10mm			49-66-4610	10
2-9/16" SHOCKWAVE™ Mag Nut Driver 12mm			49-66-4612	10
2-9/16" SHOCKWAVE™ Mag Nut Driver 13mm			49-66-4613	10

ADAPTERS



30° Off-Set Drive Adapter



Right Angle Drive Attachment

Description	Part Number
30° Off-Set Drive Adapter	48-32-2100
Right Angle Drive Attachment	49-22-8510
1/2" Square to 7/16" Hex Quick Change Impact Adapter	48-66-0061