

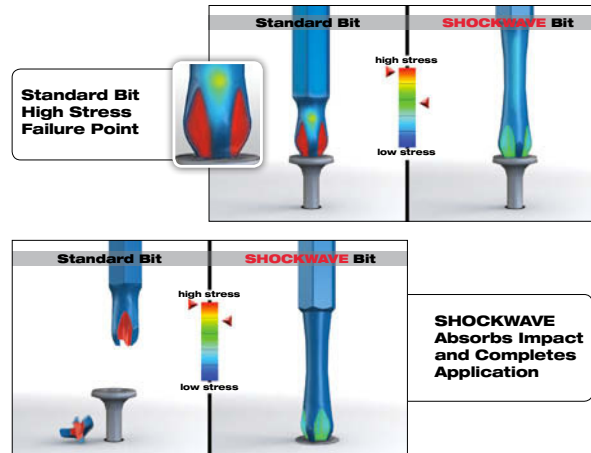
**Up To 10x Life**

- 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

\* patent pending

**SHOCKWAVE**  
IMPACT DUTY

**IMPACT DRIVING STRESS COMPARISON**  
STANDARD BIT VS. SHOCKWAVE™ BIT



**SHOCKWAVE™ INSERT BITS**

**PHILLIPS INSERT BITS**



Description	Individual Part Number	Qty	Bulk Part Number	Qty
#1 Phillips SHOCKWAVE™ Insert Bit	48-32-4411	2		
#2 Phillips SHOCKWAVE™ Insert Bit	48-32-4412	2		
#2 Phillips SHOCKWAVE™ Insert Bit	48-32-4601	5	48-32-4712	25
#2 Phillips SHOCKWAVE™ Insert Bit 25 Pc Tic-Tac	48-32-4604	25		
#3 Phillips SHOCKWAVE™ Insert Bit	48-32-4413	2		
#2 Phillips Reduced Diameter SHOCKWAVE™ Insert Bit	48-32-4444	2		
#2 Phillips SHOCKWAVE™ 2" Power Bit	48-32-4462	1	48-32-4762	25
#2 Phillips SHOCKWAVE™ 2" Power Bit	48-32-4602	5		
#3 Phillips SHOCKWAVE™ 2" Power Bit	48-32-4463	1		
#2 Phillips SHOCKWAVE™ 3-1/2" Power Bit	48-32-4562	1	48-32-4791	25

**SQUARE RECESS INSERT BITS**



Description	Individual Part Number	Qty	Bulk Part Number	Qty
#1 Square Recess SHOCKWAVE™ Insert Bit	48-32-4421	2	48-32-4761	25
#2 Square Recess SHOCKWAVE™ Insert Bit	48-32-4422	2		
#2 Square Recess SHOCKWAVE™ Insert Bit	48-32-4605	5	48-32-4722	25
#2 Square Recess SHOCKWAVE™ Insert Bit 10 Pc Tic-Tac	48-32-4607	10		
#3 Square Recess SHOCKWAVE™ Insert Bit	48-32-4423	2		
#1 Square Recess SHOCKWAVE™ 2" Power Bit	48-32-4471	1		
#2 Square Recess SHOCKWAVE™ 2" Power Bit	48-32-4472	1	48-32-4772	25
#2 Square Recess SHOCKWAVE™ 2" Power Bit	48-32-4606	5		
#3 Square Recess SHOCKWAVE™ 2" Power Bit	48-32-4473	1		
#2 Square Recess SHOCKWAVE™ 3-1/2" Power Bit	48-32-4572	1	48-32-4795	25

**BIT HOLDERS**



Description	Individual Part Number	Qty	Bulk Part Number	Qty
SHOCKWAVE™ Compact Magnetic Bit Tip Holder (2.36")	48-32-4502	1	48-32-4504	10
SHOCKWAVE™ Magnetic Bit Tip Holder (3")	48-32-4503	1	48-32-4505	10

**TORX® INSERT BITS**



Description	Individual Part Number	Qty	Bulk Part Number	Qty
T15 Torx® SHOCKWAVE™ 2" Power Bit	48-32-4483	1		
T20 Torx® SHOCKWAVE™ 2" Power Bit	48-32-4484	1	48-32-4784	25
T25 Torx® SHOCKWAVE™ 2" Power Bit	48-32-4485	1	48-32-4785	25
T30 Torx® SHOCKWAVE™ 2" Power Bit	48-32-4487	1		

**SHOCKWAVE IMPACT DUTY™ SET**

- 29 Pc SHOCKWAVE™ Driver Bit Set 48-32-4401**
- Includes:**
- Phillips Bits: 1" - (1) P1, (7) P2, (2) P3; 2" Power - (2) P2, (1) P3
  - Square Bits: 1" - (1) SQ1, (4) SQ2, (1) SQ3; 2" Power - (2) SQ2
  - Torx® Bits: 1" - (1) T15, (1) T20, (1) T25; 2" Power - (1) T25
  - Magnetic nut drivers: (1) 1/4" Red, (1) 5/16" Amber, (1) 3/8" Blue
  - Magnetic bit holder
  - Case with bulk storage container



## 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
1/4" Hex Shank to 1/4" SHOCKWAVE™ Socket Adapter	48-32-5030	1
1/4" Hex Shank to 3/8" SHOCKWAVE™ Socket Adapter	48-32-5031	1
1/4" Hex Shank to 1/2" SHOCKWAVE™ Socket Adapter	48-32-5032	1
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

## 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		
5/16" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4533	1		
3/8" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4535	1		
7/16" x 2-9/16" SHOCKWAVE™ Magnetic Nut Driver	49-66-4536	1		

## STANDARD DRIVING BIT SETS



21 Pc Driver Bit Set  
48-32-0221



21 Pc Drive Guide Set  
48-32-1700



38 Pc QUIK-LOK™ Drill and Drive Set  
48-32-1500



40 Pc Drive Guide Set  
48-32-1505

## 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