



Made in U.S.A.

Double Ended Drill Bits

Made of High Speed Steel for superb durability. 135° Split Point prevents the drill bit from walking. Long life. Won't break under normal use. *Please use #12020 Boron Buster when drilling Boron.*

Size	12/pkg	144/pkg
1/8" dia.	12000	12000-144
3/16" dia.	12018	12018-144
1/4" dia.	12019	12019-144

222402 Double-Ended Drill Bit Assortment
12 Double-Ended Drill Bits *Four each of 12000, 12018, 12019* Box Qty. 1

12027 Box Qty 5
12029 Box Qty 25



12026
8mm x 1.69"

Made in U.S.A.

Cobalt Spotweld Replacement Bit

Very popular replacement bit for some pneumatic spot weld removal tools. Top quality. *Please use #12020 Boron Buster when drilling Boron.* (.75 Flat On Shank)
Box Qty. 1

12047 Box Qty 5
12049 Box Qty 25



12046
8mm x 1.49"

Made in U.S.A.

Cobalt Spotweld Replacement Bit

Very popular replacement bit for some pneumatic spot weld removal tools. Top quality. *Please use #12020 Boron Buster when drilling Boron.* (.44 Flat On Shank)
Pkg Qty. 1



12020
BORON BUSTER

Extends the life of drill bits and saw blades. Reduces friction and heat on cutting edge for longer tool life and better finish. For use when drilling or cutting Boron and Hi-Strength Steel. *30g Tin Can*
Box Qty. 1

SUPER - COBALT Spot Weld Cutting Bits

A premium quality spot weld bit designed to remove spot welds from sheet metal by drilling through the outside panel with little or no damage to the inside panel.

Please use #12020 Boron Buster when drilling Boron.

- Eliminates pilot hole
- 135° Self - Centering Split Point
- Made of Super Cobalt Steel
- Performs best at low RPM
- Cuts extremely fast

Description	1 pkg	5 pkg	10 pkg	25 pkg
6.5mm (1/4" dia.)	12070	12071	12072	12073
8mm (5/16" dia.)	12030	12031	12033	12032
10mm (3/8" dia.)	12035	12036	12038	12037

Also available: **#222400** Cobalt Assortment (includes 5 - 8mm bits and 5 - 10mm bits).

SUPER M7 High Speed Spot Weld Cutting Bits

A premium quality spot weld bit designed to remove spot welds from sheet metal by drilling through the outside panel with little or no damage to the inside panel.

Please use #12020 Boron Buster when drilling Boron.

- Eliminates pilot hole
- 135° Self - Centering Split Point
- Made of Super M7 High Speed Steel
- Performs best at low RPM
- Cuts extremely fast

Description	1 pkg	5 pkg	10 pkg	25 pkg
8mm (5/16" dia.)	12086	12085	12080	12087
10mm (3/8" dia.)	12096	12095	12090	12097

HIGH SPEED SCREW MACHINE DRILL BITS

135° Split Point

Product Number	Size Dia.	Dec. Equiv.	Flute Length	Overall Length	Pkg. Qty.
12001	1/16"	.0625	5/8"	1-5/8"	12
12002	5/64"	.0781	11/16"	1-11/16"	12
12003	3/32"	.0938	3/4"	1-3/4"	12
12004	7/64"	.1094	13/16"	1-13/16"	12
12005	1/8"	.1250	7/8"	1-7/8"	12
12006	9/64"	.1406	15/16"	1-15/16"	12
12007	5/32"	.1562	1"	2-1/16"	12

Boron Buster #12020 is recommended when drilling Boron.

DRILL BITS

MAGNUM Jobber Drill Bits

135° Split Point, Black & Gold



Special Hi-Molybdenum tool steel. 135° split point for fast penetration and accurate starting without a center punch. Precision ground point, flute, body, clearance and drill diameter for the ultimate in accuracy and performance. Body and clearance are gold surface treated for maximum lubricity. Harder than high-speed steel. Withstands substantially higher drilling temperatures while maintaining sharpness. Recommended for use in work hardening grades of stainless steel and other hard metal drilling applications.

Item No.	Dia.	Overall Length	Box Qty.	Item No.	Dia.	Overall (mm) Length	Box Qty.
12260	1/16"	1-7/8"	12	12296	5/8"	7-1/8"	1
12261	5/64"	2"	12	12297	41/64"	7-1/8"	1
12262	3/32"	2-1/4"	12	12298	21/32"	7-1/8"	1
12263	7/64"	2-5/8"	12	12299	43/64"	7-3/8"	1
12264	1/8"	2-3/4"	12	12300	11/16"	7-3/8"	1
12265	9/64"	2-7/8"	12	12301	45/64"	7-3/8"	1
12266	5/32"	3-1/8"	12	12302	23/32"	7-3/8"	1
12267	11/64"	3-1/4"	12	12303	47/64"	7-3/8"	1
12268	3/16"	3-1/2"	12	12304	3/4"	7-3/8"	1
12269	13/64"	3-5/8"	12				
12270	7/32"	3-3/4"	12	12401	1.0	41mm (1-5/8")	10
12271	15/64"	3-7/8"	12	12404	1.5	48mm (1-7/8")	10
12272	1/4"	4"	12	12406	2.0	51mm (2")	10
12273	17/64"	4-1/8"	12	12408	2.5	60mm (2-23/64")	10
12274	9/32"	4-1/4"	12	12410	3.0	70mm (2-3/4")	10
12275	19/64"	4-3/8"	6	12412	3.5	73mm (2-7/8")	10
12276	5/16"	4-1/2"	6	12414	4.0	83mm (3-1/4")	10
12277	21/64"	4-5/8"	6	12416	4.5	86mm (3-3/8")	10
12278	11/32"	4-3/4"	6	12418	5.0	92mm (3-5/8")	10
12279	23/64"	4-7/8"	6	12420	5.5	95mm (3-3/4")	10
12280	3/8"	5"	6	12422	6.0	102mm (4")	10
12281	25/64"	5-1/8"	6	12424	6.5	105mm (4-1/8")	10
12282	13/32"	5-1/4"	6	12426	7.0	105mm (4-1/8")	10
12283	27/64"	5-3/8"	6	12428	7.5	111mm (4-3/8")	5
12284	7/16"	5-1/2"	6	12430	8.0	114mm (4-1/2")	5
12285	29/64"	5-5/8"	6	12432	8.5	121mm (4-3/4")	5
12286	15/32"	5-3/4"	6	12434	9.0	124mm (4-7/8")	5
12287	31/64"	5-7/8"	6	12436	9.5	127mm (5")	5
12288	1/2"	6"	6	12438	10.0	130mm (5-1/8")	5
12289	33/64"	6-5/8"	1	12440	10.5	133mm (5-15/64")	5
12290	17/32"	6-5/8"	1	12442	11.0	140mm (5-1/2")	5
12291	35/64"	6-5/8"	1	12444	11.5	143mm (5-5/8")	5
12292	9/16"	6-5/8"	1	12446	12.0	149mm (5-7/8")	5
12293	37/64"	6-5/8"	1	12448	12.5	152mm (6")	5
12294	19/32"	7-1/8"	1	12450	13.0	152mm (6")	5
12295	39/64"	7-1/8"	1				



SUPER PREMIUM COBALT Spot Weld Drill Bits - w/TiCN Coating *Shallow Point*

Packaged in a 10-pack plastic sleeve to protect bits!



A premium quality spot weld bit designed to remove spot welds from sheet metal by drilling through the outside panel with little or no damage to the inside panel. Eliminates pilot hole. Self-centered shallow point. Performs best at low RPM (100-400). Includes Titanium CarboNitride (TiCN)* coating. Longer life. For use by hand drilling machines. For increased drill bit life, use with IES Boron Buster (#12020).

**TiCN is an excellent all purpose coating that helps tools typically last 3 to 10 times longer than uncoated tools.*

Item No.	Description	Box Qty.
12225	6mm x 80mm	1
12226	6mm x 80mm	5
12227	6mm x 80mm	10
12228	6mm x 80mm	20
12229	6mm x 80mm	30
12235	8mm x 80mm	1
12236	8mm x 80mm	5
12237	8mm x 80mm	10
12238	8mm x 80mm	20
12239	8mm x 80mm	30
12245	10mm x 90mm	1
12246	10mm x 90mm	5
12247	10mm x 90mm	10
12248	10mm x 90mm	20
12249	10mm x 90mm	30

SUPER COBALT Spot Weld Replacement Drill Bits - w/TiCN Coating *Shallow Point*

A very popular replacement bit for pneumatic spot weld removal tools like Spottle & Spitznagel. Top quality replacement drill bits. Includes Titanium CarboNitride (TiCN)* coating. Longer life. For use by hand drilling machines. For increased drill bit life, use with IES Boron Buster (#12020).

**TiCN is an excellent all purpose coating that helps tools typically last 3 to 10 times longer than uncoated tools.*



8mm x 39mm



8mm x 45mm

Item No.	Description	Box Qty.
12250	8mm x 39mm	1
12251	8mm x 39mm	5
12252	8mm x 39mm	10
12253	8mm x 39mm	20
12254	8mm x 39mm	30
12255	8mm x 45mm	1
12256	8mm x 45mm	5
12257	8mm x 45mm	10
12258	8mm x 45mm	20
12259	8mm x 45mm	30

DRILL BITS

IES™ Boron Buster Carbide Spot Weld Bit w/ TiCN Coating

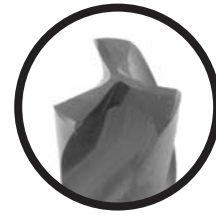
Finally a drill bit designed to cut spotwelds from Boron Steel! The Boron Buster Carbide Spotweld Bit has an TiCN coating (Titanium CarboNitride) that creates a protective oxide layer that keeps its hardness at higher temperatures and also improves lubricity. Tools coated in TiCN typically last 3-10 times longer than uncoated tools. Comes with a "Tri-flute" head and has three flat sides on the shank that can be used in most conventional electric and pneumatic drills.

- Designed to cut spot welds from Boron Steel
- High Temperature Applications
- Recommended 900RPM-1,000RPM
- Best When Used With #12020 Boron Buster Cutting Tool Lubricant/Coolant

Carbide bits are brittle and may break due to the angle, pressure and speed being exerted by the operator. We will not warranty broken bits.

TiCN - Titanium CarboNitride

AlTiN - Aluminum Titanium Nitride



"Tri-Flute"

12210 3 Flats on Shank



Overall Length: 50mm

12205 .750 Flat on Shank



Overall Length: 46mm

Prod No.	Description	Bx Qty.
12210	8mm (5/16") w/ 3 Flats On Shank (TiCN Coating)	1
12205	8mm (5/16") w/ .75 Flat On Shank (AlTiN Coating)	1



12214
Spot Weld Drill
Use for removing spot welds on flanges.
Box Qty. 1



Case included!



12213
8 x 44mm
Cobalt Spot Weld Bit
w/TiCN Coating
For use with #12214 Drill
Box Qty. 1



12215
8 x 44mm
Carbide Spot Weld Bit
w/TiCN Coating
For use with #12214 Drill
Box Qty. 1

DRILL BITS

HIGH SPEED JOBBER LENGTH DRILL BITS

135° Split Point



Made in U.S.A.

Product Number	Size Dia.	Dec. Equiv.	Flute Length	Overall Length	Pkg. Qty.
12008	11/64"	.1719	2-1/8"	3-1/4"	12
12009	3/16"	.1875	2-5/16"	3-1/2"	6
12010	13/64"	.2031	2-7/16"	3-5/8"	6
12011	7/32"	.2188	2-1/2"	3-3/4"	6
12012	1/4"	.250	2-3/4"	4"	6
12013	9/32"	.2812	2-15/16"	4-1/4"	6
12014	5/16"	.3125	3-3/16"	4-1/2"	6
12015	11/32"	.3438	3-7/16"	4-3/4"	6
12016	3/8"	.3750	3-5/8"	5"	6
12017	13/32"	.4062	3-7/8"	5-1/4"	6



12025

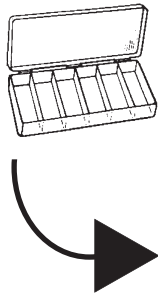
Drill Tree
High Speed Steel
Drills Holes 1/8" To 1/2" In 1/32" Increments
13 different sizes
Self starting point
Automatically deburrs holes with next cutting edge
Box Qty. 1

39 Drill Bits / Saw Blades

222401

Body Shop Drill Assortment
Box Qty. 1

Now you can have the drill bit you need - when you need it!
All of these high quality drills are "Made In The U.S.A.!"



1/8" Double-end Drill Bit	1/8" - 1/2" Step Point Drill Bit	5/16" (8mm) 3/8" (10mm) Spot Weld Bit	1/4" (6.5mm) Spot Weld Bit	8mm (5/16") Spot Weld Bit	10mm (3/8") Spot Weld Bit
HIGH SPEED STEEL	HIGH SPEED STEEL	HIGH SPEED STEEL	SUPER COBALT	SUPER COBALT	SUPER COBALT
Qty. 6	Qty. 1	Qty. 1 each	Qty. 1	Qty. 2	Qty. 1

Drawings are not actual size

Here's what you get!

Description	Qty.
1. 1/8" Double-end Drill Bit	6
2. 1/8-1/2 Step Point Drill Bit	1
3. 5/16" HSS Spot Weld Bit	1
3/8" HSS Spot Weld Bit	1
4. 1/4" Super Cobalt Spot Weld Bit	1
5. 8mm Super Cobalt Spot Weld Bit	2
6. 10mm Super Cobalt Spot Weld Bit	1

13 Total Pcs.

DRILL BITS

Product #	Size	Box Qty.
12100	1/16"	12
12102	5/64"	12
12104	3/32"	12
12106	7/64"	12
12108	1/8"	12
12110	9/64"	12
12112	5/32"	12
12114	11/64"	12
12116	3/16"	12
12118	13/64"	12
12120	7/32"	12
12122	15/64"	12
12124	1/4"	12
12128	9/32"	12
12132	5/16"	6
12136	11/32"	6
12140	3/8"	6
12144	13/32" *	6
12148	7/16" *	6
12152	15/32" *	6
12156	1/2" *	6

* 3/8" shank



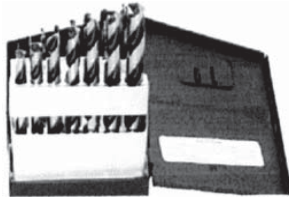
SUPER PREMIUM MAGNUM DRILL BITS

Mechanics Length

Super Premium Magnum, mechanics length drill bits are made of Hi- Molybdenum tool steel, recommended for the toughest metal drilling applications. Their 135° split point prevents walking and also runs cooler - meaning a substantially longer cutting life. Sizes 3/16" diameter and larger have 3 flats to prevent slippage and are ideal for keyless chucks. All drills over 3/8" will fit a 3/8" chuck.

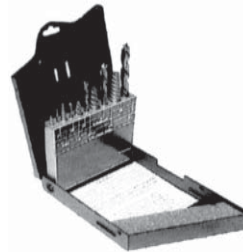
12170

13 piece Super Premium
Magnum Drill Set
(includes: 1/16" thru 1/4 by 64^{ths}.)
Box Qty. 1 Set



12171

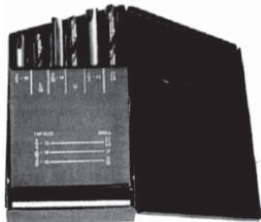
21 piece Super Premium
Magnum Drill Bit Set
(includes: 1/16" thru 1/4 by 64^{ths},
9/32" thru 1/2" by 32^{nds}.)
Box Qty. 1 Set



Left hand spiral cobalt drills and
bolt extractors for fast, easy stud
removal. Drill may loosen bolt with
counterclockwise rotation. 135° split
point will cut work hardened metals.
Durable metal case included.

12174

Studout Bolt Remover Set
Box Qty. 1



Special Hi-Molybdenum and Hi-
Tungsten tool steels, gold surface
treated for maximum lubricity.
Precision ground tap threads.
Designed for hard metal applications
for the ultimate in accuracy and
performance. 18 pieces. Durable
metal case included.

12172 (English) Super Premium Tap & Drill Set

12173 (Metric) Super Premium Tap & Drill Set



12020 BORON BUSTER

Extends the life of drill bits and saw blades. Reduces friction
and heat on cutting edge for longer tool life and better finish.
For use when drilling or cutting Boron and Hi-Strength Steel.
30g Tin Can
Box Qty. 1

STERLING® Hacksaw Blades

Bimetal, Shatterproof 10 per pkg.



Shatter resistant bi-metal construction allows blades to bend and flex. The high hardness tool steel cutting edge provides extended tool life compared to other hacksaw blades. The original varied pitch tooth design was patented and introduced in 1937, on hand hacksaw blades.

Item No.	Length x Width x Thickness	TPI	Recommended Uses
510280	12" x 1/2" x .025	24/20	Varied pitch mitigates tooth strippage problems and allows faster cuts in a wider variety of applications
510290	12" x 1/2" x .025	32	For very thin gauge sheet metal, tubing, trim, etc.

STERLING® Reciprocating Saw Blades

Universal 1/2" Shank Metal Cutting 5 per pkg.



Tough, shatterproof bi-metal reciprocating blades. Fits all popular machines and out performs standard blades by a wide margin. The teeth retain their hardness and stay sharper longer. Breakage is eliminated because of bi-metal construction.

Item No.	Length x Width x Thickness	TPI	Recommended Uses
510381	6" x 3/4" x .035	18	For heavy gauge sheet metal, conduit, pipe, tubing, thin fiberglass.
510382	8" x 3/4" x .035	18	For heavy gauge sheet metal, conduit, pipe, tubing, thin fiberglass.
510383	6" x 3/4" x .035	24	For metals lighter than 18 gauge, thin wall tubing, formed sheet, trim, etc.
510384	4" x 3/4" x .035	32	For very thin gauge metals, sheet, tubing, trim, etc.

STERLING® RUFF-NECK™ - DEMOLITION BLADES Reciprocating Saw Blades

Universal 1/2" Shank Metal Cutting 2 per pkg.



Tough, shatterproof bi-metal reciprocating blades. Fits all popular machines and out performs standard blades by a wide margin. The teeth retain their hardness and stay sharper longer. Breakage is eliminated because of bi-metal construction.

Item No.	Length x Width x Thickness	TPI	Recommended Uses
510385	6" x 1" x .062	12/8	Wavy set for metal lath, thin steel plate, metal demolition work and nail embedded wood.
510386	9" x 1" x .062	12/8	

STERLING® METAL SCROLL CUTTING Reciprocating Saw Blades

Universal 1/2" Shank Metal Cutting 5 per pkg.



Tough, shatterproof bi-metal reciprocating blades. Fits all popular machines and out performs standard blades by a wide margin. The teeth retain their hardness and stay sharper longer. Breakage is eliminated because of bi-metal construction.

Item No.	Length x Width x Thickness	TPI	Recommended Uses
510387	3" x 1/4" x .035	18	For scroll cutting metals lighter than 14 gauge.
510388	3" x 1/4" x .035	24	For scroll cutting the thinnest sheet metals, etc

SAW BLADES / SCREWDRIVER BITS



STERLING® Jig Saw Blades

Durable, high performance bi-metal jig/sabre saw blades outlast all other types of carbon and high speed steel blades. These shatter proof metal cutting blades are available in "T" style Universal and 1/4" Style Universal.

T STYLE UNIVERSAL 5 per pkg.

Item No.	Length x Width x Thickness	TPI	Recommended Uses
510389	3" x 5/16" x .042	18	Mild steel up to 3/16", nonferrous up to 1/4".
510390	3" x 5/16" x .042	24	Thin wall tubing and metal under 1/8".

1/4" STYLE UNIVERSAL 5 per pkg

Item No.	Length x Width x Thickness	TPI	Recommended Uses
510391	3-1/2" x 5/16" x .042	18	1/16" - 1/8" steel, conduit, plastics. etc.
510392	3-1/2" x 5/16" x .042	24	1/16" steel and under thin metals, formica, etc.



STERLING® Air Saw Blades Universal 1/2" Shank 5 per pkg.

Bi-metals blades to fit popular pneumatic saw machines. High-speed cutting edge welded to tough, shatter resistant back makes this the ideal blade for air saw applications. The bi-metal construction obsoletes solid high-speed steel blades previously available. Fits all standard air saws.

PROD NO.	Length x Width x Thickness	TPI	Recommended Uses
510379	3-5/8" x 1/2" x .025	18	For scroll cutting metals lighter than 14 gauge.
510380	3-5/8" x 1/2" x .025	24	For scroll cutting metals lighter than 18 gauge.

SCREWDRIVER BITS

Hardened
Made in U.S.A
Box Qty. 1



Slotted Head

Torx Head

Product	Description	Shank
95005	..... #5 Slotted.....	1/4"
95006	..... #6 Slotted.....	1/4"
95010	..... #10 Slotted.....	1/4"
95014	..... T-10 Torx.....	1/4"
95015	..... T-15 Torx.....	1/4"
95040	..... T-40 Torx.....	1/4"
95130	..... T-30 Torx.....	5/16"
95140	..... T-40 Torx.....	5/16"
95150	..... T-50 Torx.....	5/16"