

TECHNICAL DATA

www.useies.com

Made in Germany

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

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 a Titanium and CarboNitride (TiCN)* dual coating for longer life. For use by hand drilling machines.

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

For increased drill bit life, use with IES Boron Buster (#12020).



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

	Box/1	Box/5	Box/10	Box/20	Box/30
6mm x 70mm	12225	12226	12227	12228	12229
8mm x 80mm	12235	12236	12237	12238	12239
10mm x 90mm	12245	12246	12247	12248	12249

Made in Germany



8mm x 39mm (for use with Spitznagel®)



8mm x 45mm (for use with Spotle®)

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

A very popular replacement bit for some pneumatic spot weld removal tools like Spotle & Spitznagel. Top Quality replacement drill bits. Includes a Titanium and CarboNitride (TiCN)* dual coating for longer life.

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

For increased drill bit life, use with IES Boron Buster (#12020).

	Box/1	Box/5	Box/10	Box/20	Box/30
8mm x 39mm ("Spitznagel")	12250	12251	12252	12253	12254
8mm x 45mm ("Spotle")	12255	12256	12257	12258	12259

Made in Germany

3 Flats on Shank



Overall Length: 50mm



"Tri-Flute" with AlTiN Coating!

IES BORON BUSTER Carbide Spot Weld Bit w/AlTiN coating and 3 flats on shank

A drill bit designed to cut spot welds from Boron Steel! The Boron Buster Carbide Spot weld Bit has an AlTiN coating (Aluminum Titanium Nitride) that creates a protective oxide layer that keeps it hardness at higher temperatures and also improves lubricity. Tools coated in AlTiN typically last 3 - 10 times longer than uncoated tools. Comes with a "Tri-flute" head and 3 flats on shank that prevents turning in the chuck, and can be used in most conventional electric and pneumatic drills.

Designed to cut spot welds from Boron Steel.

High Temperature Applications.

Recommended 900 RPM - 1,000 RPM.

Best When Used With #12020 Boron Buster.

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.

12210 8mm (5/16") w/ 3 flats on shank **1/Box**

Made in U.S.A.



.750 Flat on Shank, Overall Length: 1-7/8"



"Tri-Flute" with AlTiN Coating!

IES BORON BUSTER Carbide Spot Weld Bit w/AlTiN coating and .750 flat on shank

Finally a drill bit designed to cut spot welds from Boron Steel! The Boron Buster Carbide Spot weld Bit has an AlTiN coating (Aluminum Titanium Nitride) that creates a protective oxide layer that keeps it hardness at higher temperatures and also improves lubricity. Tools coated in AlTiN typically last 3 - 10 times longer than uncoated tools. Comes with a "Tri-flute" head and a .750 flat 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 900 RPM - 1,000 RPM.

Best When Used With #12020 Boron Buster.

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.

12205 8mm (5/16") .750 flat shank **1/Box**
12206 8mm (5/16") .750 flat shank **10/Box**
12207 8mm (5/16") .750 flat shank **25/Box**

NOTICE TO PURCHASER: Drill bits are a consumable item and as such carry no warranties expressed or implied. There are several procedures the user can implement in order to extend drill bit life, but ultimately the drill bit will break or dull. It is up to the technician to ensure proper usage.

International Epoxies & Sealers | P.O. Box 185 San Antonio, FL 33576 USA | Toll Free: (800) 451-7206

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Made in U.S.A.



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. Eliminates pilot hole. Self-centered split point. Made of Super M7 High Speed steel. Performs best at low RPM. Cuts extremely fast.

For best results, use with #12020 IES Boron Buster.

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

Made in U.S.A.

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. Eliminates pilot hole. Self-centered split point. Made of Super Cobalt steel. Performs best at low RPM. Cuts extremely fast.

For best results, use with #12020 IES Boron Buster.

	Box/1	Box/5	Box/10	Box/25
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 (5-8mm bits and 5-10mm bits)



Made in U.S.A.



DOUBLE ENDED DRILL BITS

Made of high speed steel for superb durability. 135° Split Point prevents the bit from walking. Long life. Will not break under normal use.

For best results, use with #12020 IES Boron Buster.

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

Made in U.S.A.

COBALT SPOT WELD REPLACEMENT BITS

A very popular replacement bit for pneumatic spot weld removal tools like Spotle & Spitznagel. Top quality.

For best results, use with #12020 IES Boron Buster.

The 1.49" has a .44 Flat On Shank.

The 1.69" has a .75 Flat On Shank.

	Pkg/1	Pkg/5	Pkg/25
8mm x 1.49"	12046	12047	12049
8mm x 1.69"	12026	12027	12029



Made in U.S.A.

STEP POINT DRILL BIT

A High Speed Steel. Drills holes 1/8" - 1/2" in 1/32" Increments. 13 Different Sizes. Self-Starting Point. Automatically deburrs holes with next cutting edge.

For best results, use with #12020 IES Boron Buster.

12025 Step Point Drill Bit 1/Box



IES 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 & Hi Strength Steel.

Ideal for drilling out spot welds

Extends tool life

Reduces friction and heat

Wax-like formulation keeps the lubricant on the cutting tool

Easy clean up! Washes off completely with water

12020 30g Tin can 12/Box

NOTE: When using IES Drill Bits:

Use with IES Boron Buster for maximum performance.

IES DRILL BIT ASSORTMENT

A popular drill bit assortment containing the following:

- 6 - 12000 1/8" Double Ended Drill Bit
- 1 - 12025 Step Point Drill Bit
- 1 - 12086 8mm (5/16") Super M7 Spot Weld Bit
- 1 - 12096 10mm (3/8") Super M7 Spot Weld Bit
- 1 - 12070 6.5mm (1/4") Super Cobalt Spot Weld Bit
- 2 - 12030 8mm (5/16") Super Cobalt Spot Weld Bit
- 1 - 12035 10mm (3/8") Super Cobalt Spot Weld Bit

222401 Drill Bit Assortment 1/Box



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