



Spot Weld Drill, HSSE-Co 5 ground



Ideal for removing spot welds and especially useful for vehicle body repairs.

- ◆ Self-Centering Nib
- ◆ Use with any chuck type drill
- ◆ Operate at max. 1800 RPM
- ◆ Titanium Nitride (TiN) Coating extends cutting life

(TiN is a hard ceramic material giving the bit it's golden color. It extends the cutting life by three or more times, and cannot be properly sharpened, as the new edge will not have the coating provided.)

Tips:

Maximum RPM is 1800. Start the bit centering nib against the metal. Do not start the drill bit at an angle or you increase the odds of breaking off a flute. Heat is the largest factor in dulling and can be seen as a blue-tinge of the cutting edge. Cutting chips remove heat from the drilling point. Remove your finger from the trigger when cutting has stopped to prevent excessive heat. Good, consistent pressure will maximize the bits life. Cutting fluid, while helpful, is not necessary.

Package: Individual packed in plastic box.

Ø mm	L ₁ mm	Code
6.00	66	97180600
7.00	74	97180700
8.00	79	97180800
8.00	117	97180801
10.00	89	97181000





Pneumatic Spot Weld Drill, HSSE-Co 5 ground



Ideal for cutting through spot welds on high strength steel.

High speed steel allows for faster cutting speeds and the Cobalt alloy helps maintain the hardness at higher temperatures. The self-centering nib helps start and set the bit. The flat lip angle of the tip ensures strong support for the cutting edge.

- ◆ Special drill bit for the removal of spot welds.
- ◆ No center-punching is required.
- ◆ The self-centering nib is also suitable for high-strength car body sheets.
- ◆ Optimised geometry tip means a longer service life than conventional spot weld drill bits.
- ◆ Used on pneumatic tools.
- ◆ Long cutting life thanks to HSS-E Co 5% material.
- ◆ The use of cutting oil is recommended.

Tips:

Do not use in drills with an impact chuck or spindles.

Set the drill to a suitable speed. The speed of compressed air devices is generally set too high.

Package: Individual packed in plastic box.

Ø mm	L ₁ mm	Code
6.00	40	97180605
6.50	40	97180655
8.00	40	97180805
8.00	44	97180806
10.00	40	97181005
10.00	44	97181006





Pneumatic Boron Spot Weld Drill, Solid Carbide, TiAlN Coated



Ideal for use on spot welds made for boron steel with tensile strength from 450N/mm²--1580N/mm².

- ◆ Triple fluted to spread the torque forces over a greater area, and special multi-layer coating is applied to help reduce friction.
- ◆ Self-centering and easy cutting action, leaving no damage to underlying panels.
- ◆ Special geometry precisely ground on CNC machine by CBN.
- ◆ Used on pneumatic tools
- ◆ Due to the brittle nature of solid carbide, it has a higher possibility to break or chip instead of dull.

Tips:

Start the bit centering nib against the metal. Let the C-clamp approach the panel from behind and take the impact. Do not let the drill bit impact the metal. Do not start the drill bit at an angle or you increase the odds of breaking off a flute or edge. Set the depth correctly so there is no "pop through" lateral torque applied on the bit. Firmly hold the drill with both hands. Good, consistent pressure and lower RPM will maximize the bit life. Cutting fluid, while helpful, is not necessary.

Package: Individual packed in plastic box.

Ø mm	L ₁ mm	Code
8.00	40	97180807
8.00	44	97180808
8.00	80	97180809
10.00	44	97181007

