

**SUPER COBALT - WELDOUT™ CARBIDE SPOT WELD DRILLS**

Carbide ALTiN

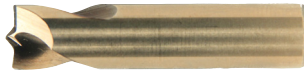
Specialty Tools - Spotweld Drills

**Type 186**

**Weldout™ Spot weld Super Cobalt High-Speed Steel Gold Finish - Heavy-Duty Spur Point**

- This rugged high performance drill is designed to effectively cut auto body panel spot welds.

*High red hardness of cobalt steel permits speeds 30% greater than high speed Steel drill*



Part No.	Diameter MM	Approx Spotweld Size, Inches	Overall Length Inches	Flat Length Inches	Qty. per/pack
66420	6.5mm	1/4	1.56	.44	5
37240	6.5mm	1/4	1.49	.44	5
37520	6.5mm	1/4	1.75	none	5
37660	6.5mm TE*	1/4	3.62	none	5
66430	8.0mm	5/16	1.56	.44	5
37250	8.0mm	5/16	1.49	.44	5
37510	8.0mm	5/16	1.69	.75	5
37470	8.0mm	5/16	1.75	none	5
37670	8.0mm TE*	5/16	3.62	none	5
37530	10.0mm	3/8	1.75	none	5
37680	10.0mm TE*	3/8	3.62	none	5

The spur point on the **Type 186** is designed to cut through the weld on one panel while leaving the second panel free of holes.

**Type 187**

**Weldout™ Spotweld Super Cobalt High-Speed Steel Gold Finish - Heavy-Duty Spur Point**

- This rugged high performance drill is designed to effectively cut auto body panel spot welds.



Part No.	Diameter MM	Approx Spotweld Size, Inches	Overall Length Inches	Flat Length Inches	Qty. per/pack
66180	8.0	5/16	2.25	none	5
66190	10.00	3/8	2.25	none	5
37671	8.0 TE*	5/16	3.62	none	5
37681	10 TE	3/8	3.62	none	5

The modified point on the **Type 187** drill is chip resistant with slightly greater penetration into the second panel.

**Weldout™ Spot weld Drills Sets**

Selection of the most popular sizes of spot weld drills in an attractive, rugged black steel case.

**TYPE 186 WO-6 SET**

Part No.	Description of Sizes
35010	6.5mm, 8.0mm & 10.0mm single-end drills with 1.75" length
	6.5mm, 8.0mm & 10.0mm twin end drills with 3.62" length

**TYPE 187 WO-4 SET**

Part No.	Description of Sizes
35050	8.0mm & 10mm Single-end
	8.0mm & 10mm Twin-end In Type 187 Length

**Type 187-B**

**Carbide ALTiN Coated Spot weld Drills**

- Designed to cut spot welds from Boron Steel
- Use in high temperature operations and difficult to machine materials. ALTiN coating improves lubricity, eliminating lubrication requirements.
- **Recommended (900 RPM - 1,000 RPM)**



Carbide ALTiN coating improves lubricity.

**TYPE 187-B**

Part No.	Diameter MM	Approx Spotweld Size, Inches	Overall Length Inches	Flat Length Inches	Qty. per/pack
85890	8.0	5/16	2.00	NONE	1
85900	10.0	3/8	2.25	NONE	1

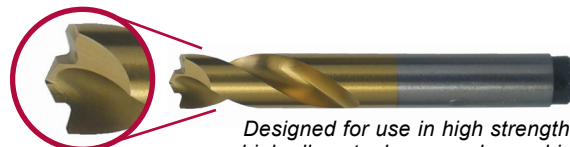
**TYPE 187-B WITH FLAT**

Part No.	Diameter MM	Approx Spotweld Size, Inches	Overall Length Inches	Flat Length Inches	Qty. per/pack
85880	8.0	5/16	1.75	.750	1

**Type 187-DN**

**Titanium Nitride Weldout™ Spot weld Drills M42 Cobalt High-Speed Steel - Heavy-Duty Spur Point**

- Titanium nitride coated M42 cobalt steel spot weld drills are designed for use in high strength high alloy steel commonly used in the automobile industry.
- Titanium nitride coating doubles the tool life, gives additional lubricity and protects the cutting edges of the drill in tough removal applications.
- Titanium nitride drills require a slower speed (490 RPM) when drilling difficult materials.



Heavy-Duty Spur Point

Designed for use in high strength high alloy steel commonly used in the automobile industry.

Part No.	Diameter MM	Approx Spotweld Size, Inches	Overall Length Inches	Flat Length Inches	Qty. per/pack
73450	8.0	5/16	2.25	none	1
73460	10.00	3/8	2.25	none	1
73470	8.0 TE*	5/16	3.62	none	1
73480	10 TE	3/8	3.62	none	1