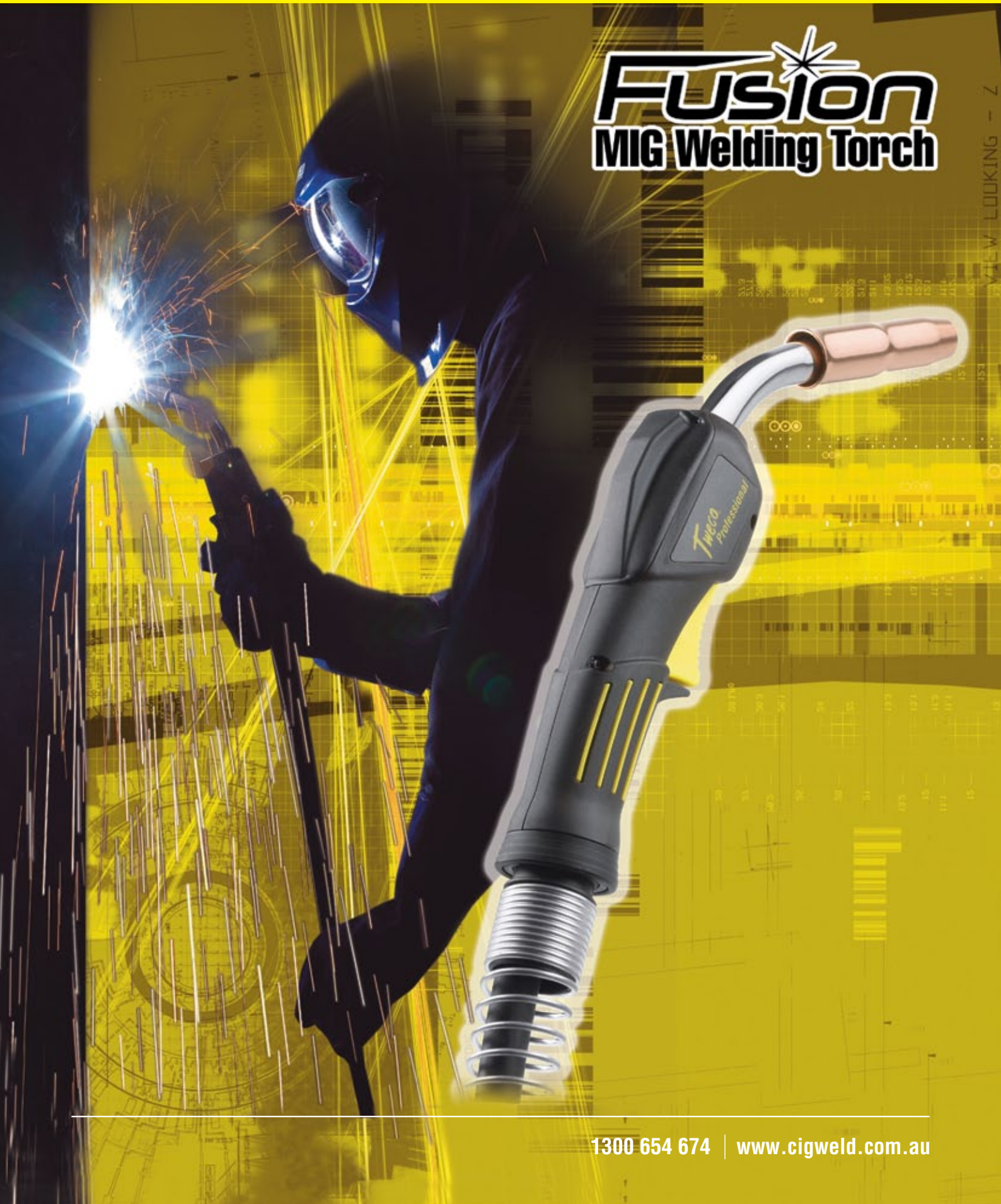


**Tweco®**  
**Professional**

**Fusion**  
**MIG Welding Torch**





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# Fusion MIG Torch



**150  
AMP**

**250  
AMP**

**400  
AMP**

## Specifications

| TORCH MODEL                   | PART NUMBER  | LENGTH | CONNECTION TYPE | DUTY CYCLE (CO <sub>2</sub> )# | CONTACT TIP | WIRES DIA. (mm) | COOLING TYPE |
|-------------------------------|--------------|--------|-----------------|--------------------------------|-------------|-----------------|--------------|
| Tweco Professional Fusion 150 | OTWF112X3035 | 3.6m   | Euro            | 60% @ 150 Amps                 | OTW14/30    | 0.6-1.2         | Air          |
| Tweco Professional Fusion 250 | OTWF212X3035 | 3.6m   | Euro            | 60% @ 250 Amps                 | OTW14/35    | 0.6-1.2         | Air          |
| Tweco Professional Fusion 400 | OTWF412X3545 | 3.6m   | Euro            | 40% @ 400 Amps                 | OTW14H/45   | 0.9-2.0         | Air          |

#Duty cycles shown are for use with CO<sub>2</sub>, for mixed gas duty cycle may be reduced up to 20%

## Features

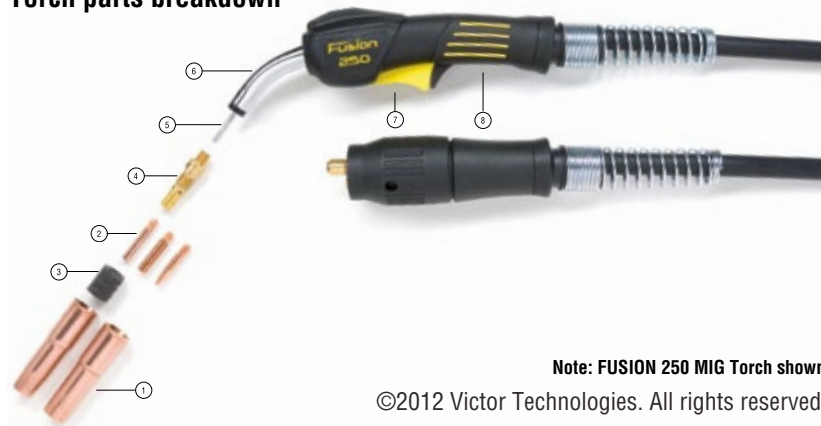
- Ergonomic handle design for ease of use and reduced operator fatigue.
- Impact resistant handle and trigger design.
- Steel spring strain relief and pivot mechanism on both ends of the MIG torch provides support to the cable minimising wirefeed issues.
- Metal jacketed conductor tube fitted as standard.

## Ordering Information

|                            |              |
|----------------------------|--------------|
| Tweco Fusion 150 MIG Torch | OTWF112X3035 |
| Tweco Fusion 250 MIG Torch | OTWF212X3035 |
| Tweco Fusion 400 MIG Torch | OTWF412X3545 |

The new Tweco® Professional Fusion MIG Torch has been designed to provide excellent performance and ease of operation whilst minimising operator fatigue. The Fusion range is available in 150, 250 and 400 Amp variants with Euro style back end connections, perfect for light duty to heavy duty applications.

## Torch parts breakdown



Note: FUSION 250 MIG Torch shown

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## FUSION 150A

| NO.                     | DESCRIPTION             | PART No.   |
|-------------------------|-------------------------|------------|
| <b>NOZZLE</b>           |                         |            |
| 1                       | Adjustable 13mm         | OTW22A/50  |
|                         | Adjustable 16mm         | OTW22A/62  |
| <b>CONTACT TIP</b>      |                         |            |
| 2                       | 0.6mm                   | OTW14/23   |
|                         | 0.8mm                   | OTW14/30   |
|                         | 0.9mm                   | OTW14/35   |
|                         | 1.0mm                   | OTW14/40   |
|                         | 1.2mm                   | OTW14/45   |
|                         | 0.8mm Tapered           | OTW14T/30  |
|                         | 0.9mm Tapered           | OTW14T/35  |
|                         | 1.2mm Tapered           | OTW14T/45  |
| <b>INSULATOR</b>        |                         |            |
| 3                       |                         | OTW32      |
| <b>DIFFUSER</b>         |                         |            |
| 4                       |                         | OTW52      |
| <b>GUN LINER</b>        |                         |            |
| 5                       | 4.5m 0.8-0.9mm Hard     | OTW42/3035 |
| <b>CONDUCTOR TUBE</b>   |                         |            |
| 6                       | 45° Metal Jacket        | 62J-45S    |
| <b>TRIGGER ASSEMBLY</b> |                         |            |
| 7                       | Fusion Trigger Assembly | W7005001   |
| <b>HANDLE MOULDING</b>  |                         |            |
| 8                       | Fusion Handle Moulding  | W7005000   |

## FUSION 250A

| NO.                     | DESCRIPTION             | PART No.   |
|-------------------------|-------------------------|------------|
| <b>NOZZLE</b>           |                         |            |
| 1                       | Adjustable 13mm         | OTW22A/50  |
|                         | Adjustable 16mm         | OTW22A/62  |
| <b>CONTACT TIP</b>      |                         |            |
| 2                       | 0.6mm                   | OTW14/23   |
|                         | 0.8mm                   | OTW14/30   |
|                         | 0.9mm                   | OTW14/35   |
|                         | 1.0mm                   | OTW14/40   |
|                         | 1.2mm                   | OTW14/45   |
|                         | 0.8mm Tapered           | OTW14T/30  |
|                         | 0.9mm Tapered           | OTW14T/35  |
|                         | 1.2mm Tapered           | OTW14T/45  |
| <b>INSULATOR</b>        |                         |            |
| 3                       |                         | OTW32      |
| <b>DIFFUSER</b>         |                         |            |
| 4                       |                         | OTW52      |
| <b>GUN LINER</b>        |                         |            |
| 5                       | 4.5m 0.8-0.9mm Hard     | OTW42/3035 |
|                         | 4m 1.0-1.2mm Hard       | OTW42/4045 |
| <b>CONDUCTOR TUBE</b>   |                         |            |
| 6                       | 45° Metal Jacket        | 62J-45S    |
| <b>TRIGGER ASSEMBLY</b> |                         |            |
| 7                       | Fusion Trigger Assembly | W7005001   |
| <b>HANDLE MOULDING</b>  |                         |            |
| 8                       | Fusion Handle Moulding  | W7005000   |

## FUSION 400A

| NO.                     | DESCRIPTION                | PART No.   |
|-------------------------|----------------------------|------------|
| <b>NOZZLE</b>           |                            |            |
| 1                       | Adjustable 13mm            | OTW24A/50  |
|                         | Adjustable 16mm            | OTW24A/62  |
|                         | Adjustable Heavy Duty 16mm | OTW24H/62  |
|                         | Adjustable Heavy Duty 19mm | OTW24H/75  |
| <b>CONTACT TIP</b>      |                            |            |
| 2                       | Heavy Duty 0.9mm           | OTW14H/35  |
|                         | Heavy Duty 1.0mm           | OTW14H/40  |
|                         | Heavy Duty 1.2mm           | OTW14H/45  |
|                         | Heavy Duty 1.6mm           | OTW14H/116 |
|                         | Heavy Duty 2.0mm           | OTW14H/564 |
|                         | 0.8mm Tapered              | OTW14T/30  |
|                         | 0.9mm Tapered              | OTW14T/35  |
|                         | 1.2mm Tapered              | OTW14T/45  |
| <b>INSULATOR</b>        |                            |            |
| 3                       |                            | OTW34A     |
| <b>DIFFUSER</b>         |                            |            |
| 4                       |                            | OTW54A     |
| <b>GUN LINER</b>        |                            |            |
| 5                       | 4.5m 0.9-1.2mm Hard        | OTW44/3545 |
| <b>CONDUCTOR TUBE</b>   |                            |            |
| 6                       | 45° Metal Jacket           | 64J-45S    |
| <b>TRIGGER ASSEMBLY</b> |                            |            |
| 7                       | Fusion Trigger Assembly    | W7005001   |
| <b>HANDLE MOULDING</b>  |                            |            |
| 8                       | Fusion Handle Moulding     | W7005000   |



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