

PRODUCT INFORMATION

WELDING NOZZLES

SWAGED HD TYPE

DESCRIPTION

A range of nozzles used in the welding of mild steel using the oxy/acetylene process with HD (Type 3, 4 and 5) style torch equipment. Weldability offer swaged nozzle in sizes 1 to 25, as detailed below.



FURTHER INFORMATION

These welding nozzles connect to an HD (Type 3, 4 or 5) mixer (BB5003) which connects to a shank (BB5001).

Lightweight type welding nozzles are also available to fit a lightweight mixer BB6003 (part numbers CCLW01 to CCLW25).

The CCSWB blanking nozzle is for use in testing gas hand equipment for leaks. Without outlet holes, they prevent gases from passing through them, thus forcing the gas to exit via leaks in hoses etc.

| Mild Steel Thickness | | | Nozzle size | Operating Pressure | | | | Gas Consumption | | | |
|----------------------|------|-----|-------------|--------------------|-----|--------|-----|-----------------|--------------------|--------|--------------------|
| | | | | Acetylene | | Oxygen | | Acetylene | | Oxygen | |
| mm | in | swg | | bar | psi | bar | psi | l/h | ft ³ /h | l/h | ft ³ /h |
| 0.9 | | 20 | 1 | 0.14 | 2 | 0.14 | 2 | 28 | 1 | 28 | 1 |
| 1.2 | | 18 | 2 | 0.14 | 2 | 0.14 | 2 | 57 | 1 | 57 | 2 |
| 2.0 | | 14 | 3 | 0.14 | 2 | 0.14 | 2 | 86 | 3 | 86 | 3 |
| 2.6 | | 12 | 5 | 0.14 | 2 | 0.14 | 2 | 140 | 5 | 140 | 5 |
| 3.2 | 1/8 | 10 | 7 | 0.14 | 2 | 0.14 | 2 | 200 | 7 | 200 | 7 |
| 4.0 | 3/32 | 8 | 10 | 0.21 | 3 | 0.21 | 3 | 280 | 10 | 280 | 10 |
| 5.0 | 3/16 | 6 | 13 | 0.28 | 4 | 0.28 | 4 | 370 | 13 | 370 | 13 |
| 6.5 | 1/4 | 3 | 18 | 0.28 | 4 | 0.28 | 4 | 520 | 18 | 520 | 18 |
| 8.2 | 5/16 | 0 | 25 | 0.42 | 6 | 0.42 | 6 | 710 | 25 | 710 | 25 |

ARTICLES & ACCESSORIES

| Part Number | Product Description | Part Number | Product Description |
|-------------|-----------------------------|-------------|------------------------------|
| CCSW01 | NO. 1 SWAGED WELDING NOZZLE | CCSW10 | NO. 10 SWAGED WELDING NOZZLE |
| CCSW02 | NO. 2 SWAGED WELDING NOZZLE | CCSW13 | NO. 13 SWAGED WELDING NOZZLE |
| CCSW03 | NO. 3 SWAGED WELDING NOZZLE | CCSW18 | NO. 18 SWAGED WELDING NOZZLE |
| CCSW05 | NO. 5 SWAGED WELDING NOZZLE | CCSW25 | NO. 25 SWAGED WELDING NOZZLE |
| CCSW07 | NO. 7 SWAGED WELDING NOZZLE | CCSWB | SWAGED BLANKING NOZZLE |

For further information, contact Weldability | Sif technical support

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