




# MANUAL TORCH SET SERIES WITH BALL JOINT



## MQ(Z).NEO

- ▶ The ball joint and a highly flexible cover hose relieve the welder
- ▶ Separate shield gas hose optimizes gas coverage and prevents gas losses
- ▶ High-quality, compatible wear parts: Work interruption and stock holding reduced to a minimum
- ▶ DINSE quality cooling for long duty cycle and high productivity
- ▶ Ergonomic and robust handle for maximum grip safety



# MANUAL TORCH SET WITH BALL JOINT

## MQZ 304.neo

up to 500 A



### TECHNICAL DATA (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	500 A/60%
Duty cycle mixed gas	450 A/60%
Wire diameter	0,8 - 1,6 mm

## MQZ 305.neo

up to 550 A



### TECHNICAL DATA (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	550 A/60%
Duty cycle mixed gas	500 A/60%
Wire diameter	1,2 - 2,0 mm

## MQZ 306.neo

up to 550 A



### TECHNICAL DATA (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	550 A/60%
Duty cycle mixed gas	500 A/60%
Wire diameter	1,2 - 2,0 mm



gas-cooled



liquid-cooled

All DINSE MQ(Z).neo torch sets come equipped as standard with a separate shield gas hose. This ensures a superior gas shield yielding and perfect welding results - gas losses excluded



## MQ/MQZ 230.neo

up to 270 A

liquid-cooled applications

### TECHNICAL DATA MQZ 230.NEO (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	270 A/60%
Duty cycle mixed gas	250 A/60%
Wire diameter	0,8 - 1,0 mm

gas-cooled applications

### TECHNICAL DATA MQ 230.NEO (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	250 A/60%
Duty cycle mixed gas	200 A/60%
Wire diameter	0,8 - 1,0 mm



## MQ/MQZ 330.neo

up to 400 A

liquid-cooled applications

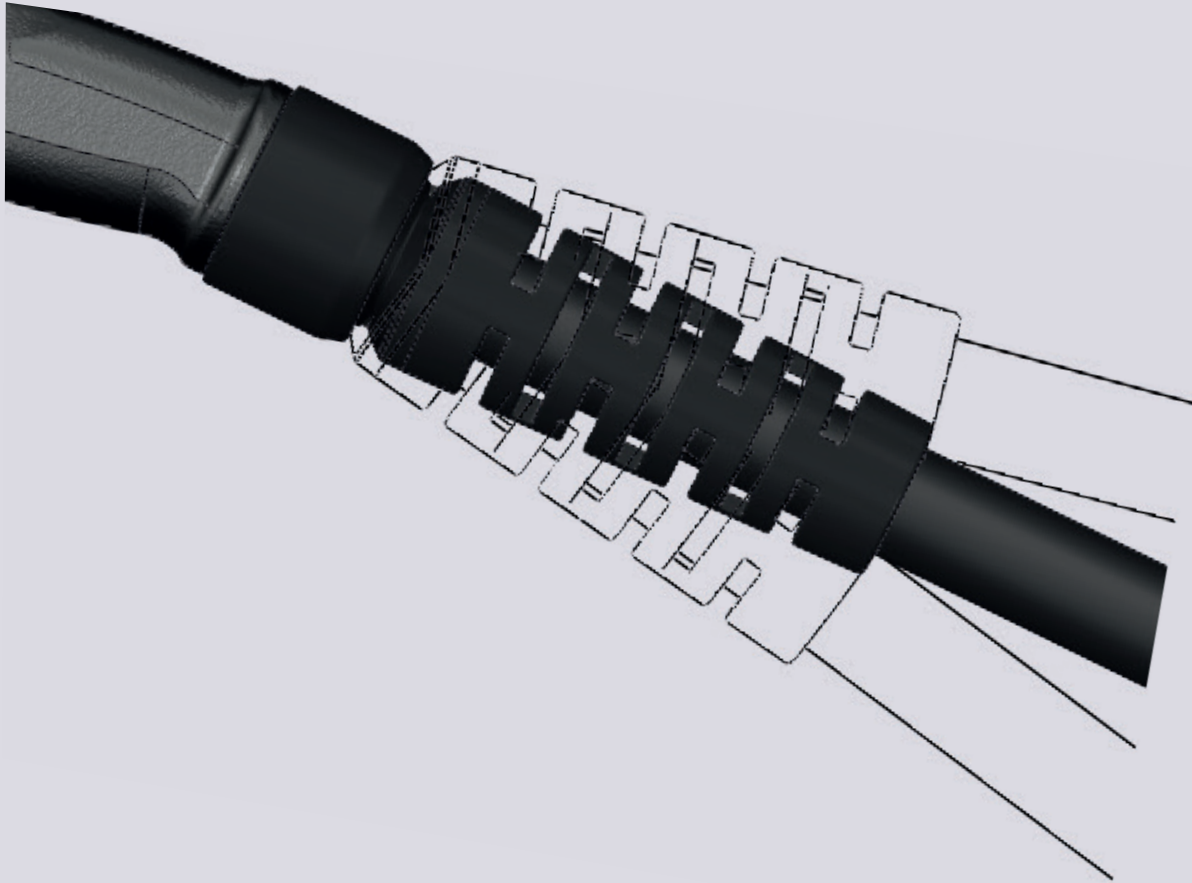
### TECHNICAL DATA MQZ 330.NEO (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	400 A/60%
Duty cycle mixed gas	320 A/60%
Wire diameter	1,0 - 1,2 mm

gas-cooled applications

### TECHNICAL DATA MQ 330.NEO (DIN EN 60 974 - 7)

Duty cycle CO <sub>2</sub>	300 A/60%
Duty cycle mixed gas	270 A/60%
Wire diameter	1,0 - 1,2 mm



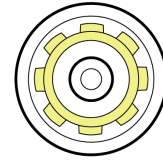
## INNOVATIVE BALL JOINT FOR MAXIMUM ERGONOMICS

Heat- and break- resistance and best insulation - that is what distinguishes the DINSE handles.

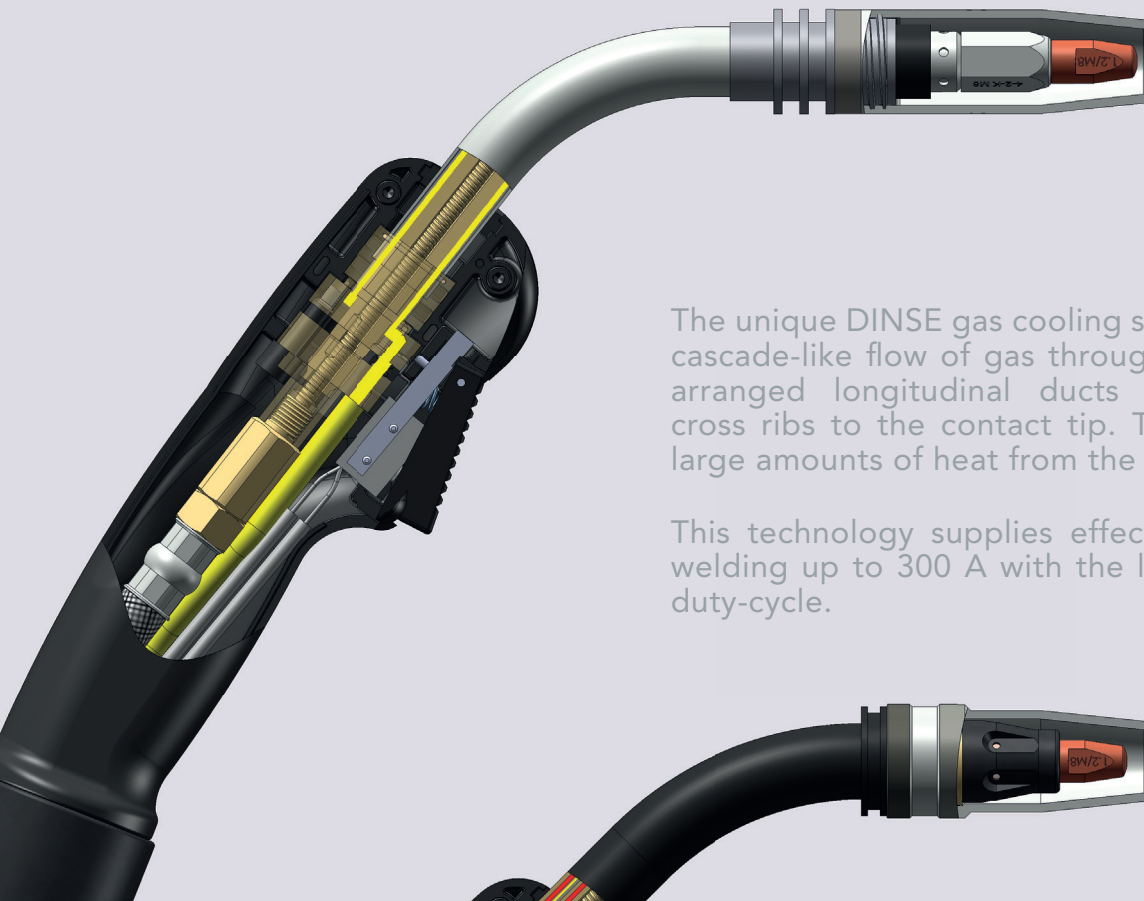
Our new, high-quality ball joints with the housing type MQ(Z).neo make working easier and relieve the welder - for example, in static constrained posture, in challenging positions or when welding over an extended period of time.

In combination with the ergonomic shaped handle and the decoupled cover hose stress is minimized, even in almost acrobatic positions.

The agile joints are movable into all directions and allow excellent handling and fatigue-free working. The cover hose is flexible and has very little rotational resistance.

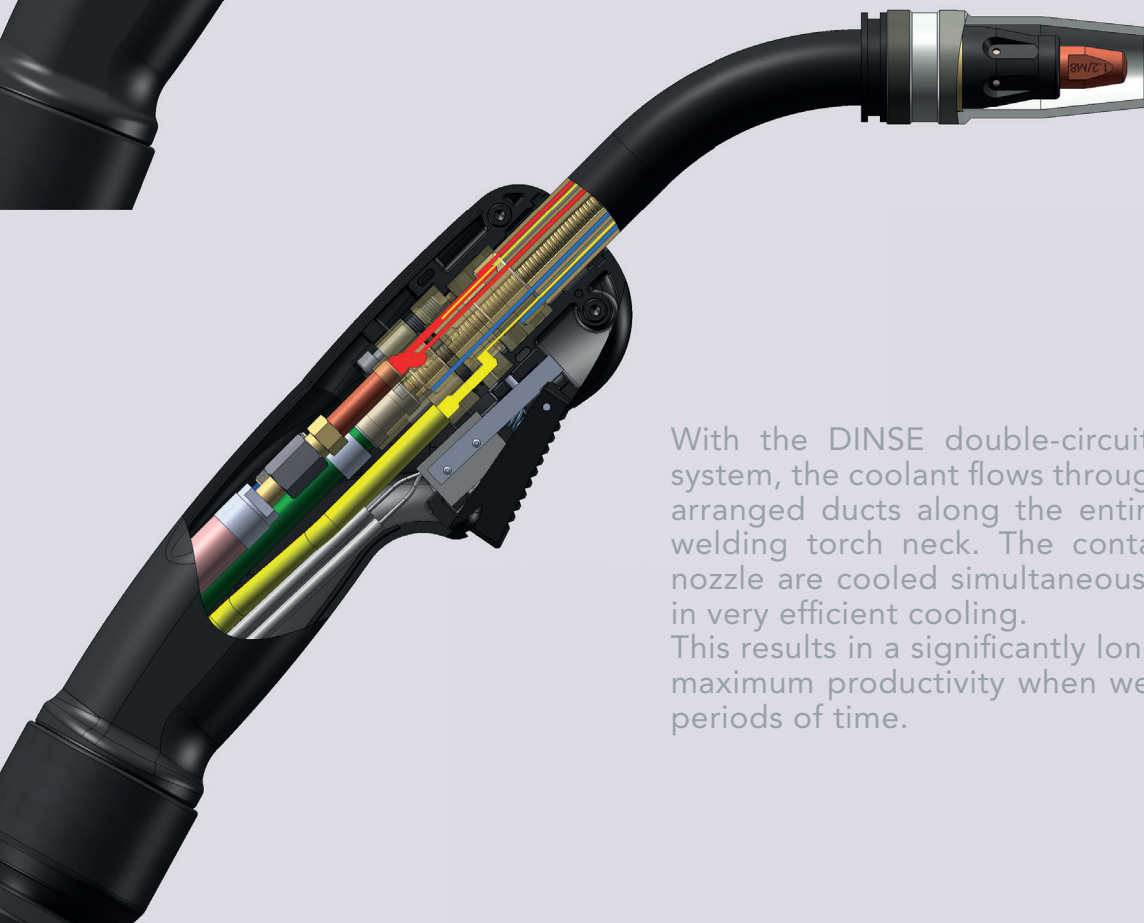


# COOLING



The unique DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross ribs to the contact tip. This draws away large amounts of heat from the welding torch.

This technology supplies effective cooling for welding up to 300 A with the longest possible duty-cycle.



With the DINSE double-circuit liquid cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch neck. The contact tip and gas nozzle are cooled simultaneously, which results in very efficient cooling.

This results in a significantly longer lifespan and maximum productivity when welding over long periods of time.

# FLEXIBLE DOWN TO THE LAST DETAIL

## CONNECTORS

for gas-cooled applications



DINSE Connector

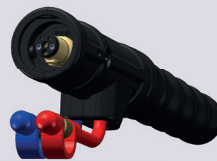


Euro Connector

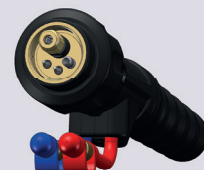


Connector with Power Pin

for liquid-cooled applications



DINSE Connector



Euro Connector



Connector with Power Pin

## GAS NOOZLES & GAS DIFFUSER

- ▶ Gas nozzles in different lengths and diameters according to your requirements
- ▶ Robust trapezoid thread for ideal heat transfer
- ▶ Easy replacement of the gas nozzle - even after many welding applications
- ▶ Laminar gas flow without turbulence thanks to elaborated gas diffuser geometry

## CONTACT TIPS

- ▶ Perfect fit for optimum current transfer
- ▶ Selected alloying components minimize wear



DINSE is your dependable partner for the entire welding process. Contact us and schedule an appointment for personal consultation today! Together with you we will find the best solution for your application.



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