DINSE◯

Screw adapter DIX SAD 570

„New gas nozzle system with ingenious splitting."

▶ split system with screw adapter

▶ efficient solution for open cooling circuits

▶ wearing part replacement without leakage

▶ for automatic welding torches DIX METZ 57x, DIX MFTZ 57xx

▶ for manual welding torches DIX MSZ/MCZ 305

Dinse - intelligent cooling systems.

With the dual circuit liquid cooling, the cooling medium flows through the welding torch over the full length in circular channels. The wear parts are cooled separately and thus very effectively; the cooling liquid flows around the gas nozzle.

DINSE has now developed a gas nozzle system which significantly simplifies the replacement of wearing parts in welding torch models with an open cooling circuit.

This is achieved through ingenious splitting.

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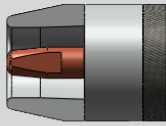
Gas nozzle   Screw adapter

Optimal engineering design

The new split system consists of a gas nozzle and a screw adapter. Only the front gas nozzle must be removed to carry out the replacement. The adapter remains fixed in place.

Uncomplicated wearing part replacement

The open water circuit of the support sleeve remains closed as a result of the newly designed screw adapter. The cooling liquid does not need to be shut off when replacing gas nozzle, contact tip or gas distributor.

Protective replacement procedure

The O-rings are subjected to stress caused by friction as a result of frequent replacement of gas nozzles. This is not the case with the split system – the area sealed by the O-rings is not touched.

Versatile use

The DIX SAD 570 screw adapter is available for the following welding torches:

▶ DIX METZ 57xx   (automatic welding)

▶ DIX MFTZ 57xx   (automatic welding)

▶ DIX MSZ / MCZ 305   (manual welding)
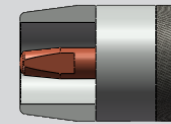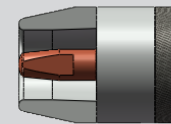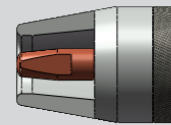
The DIX SAD 570 screw adapter can be combined with:		
Gas nozzle	DIX KMG 115 TR / 41	DI Ø 15 mm
Gas nozzle	DIX KMG 118 TR / 41	DI Ø 18 mm
Gas nozzle	DIX KMG 121 TR / 41	DI Ø 21 mm

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