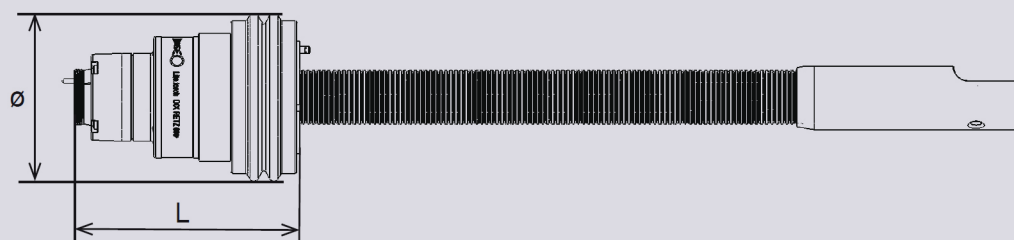


PERFECT CONNECTION  
HIGHEST PRECISION

Technical Data – Rotary Interface	
Welding processes	MIG/MAG welding and brazing
Protection class	IP 23
Torsional moment	20.0 Nm
Cut-out torque	11.5 Nm
Rotation	+/- 260°
Dimensions (without torch set)	(Ø x L) 120 mm x 146.5 mm
Weight (with 1 m torch set)	approx. 2.6 kg (weight without torch head)
Ambient temperature (during operation)	+ 5° C - + 55° C / 14° F - + 104° F
Wire diameter	0.8 - 1.6 mm

Parameters for liquid-cooled robotic and automatic torch sets according to DIN EN 60974-7	
Minimum water flow rate	1.1 l/min (0.29 gal./min)
Pump pressure (dynamic pressure)	max. 6 bar (87 Psi max.)
Maximum water temperature	55° C (131° F)
Coolant	de-mineralized (de-ionized) water



T.Connector HW:	Cooling	Variant
RET 362 - x	gas-cooled	-
RET 363 - x/WB	gas-cooled	Wire brake
RETZ 662 - x	liquid-cooled	-
RETZ 663 - x/WB	iquid-cooled	Wire brake

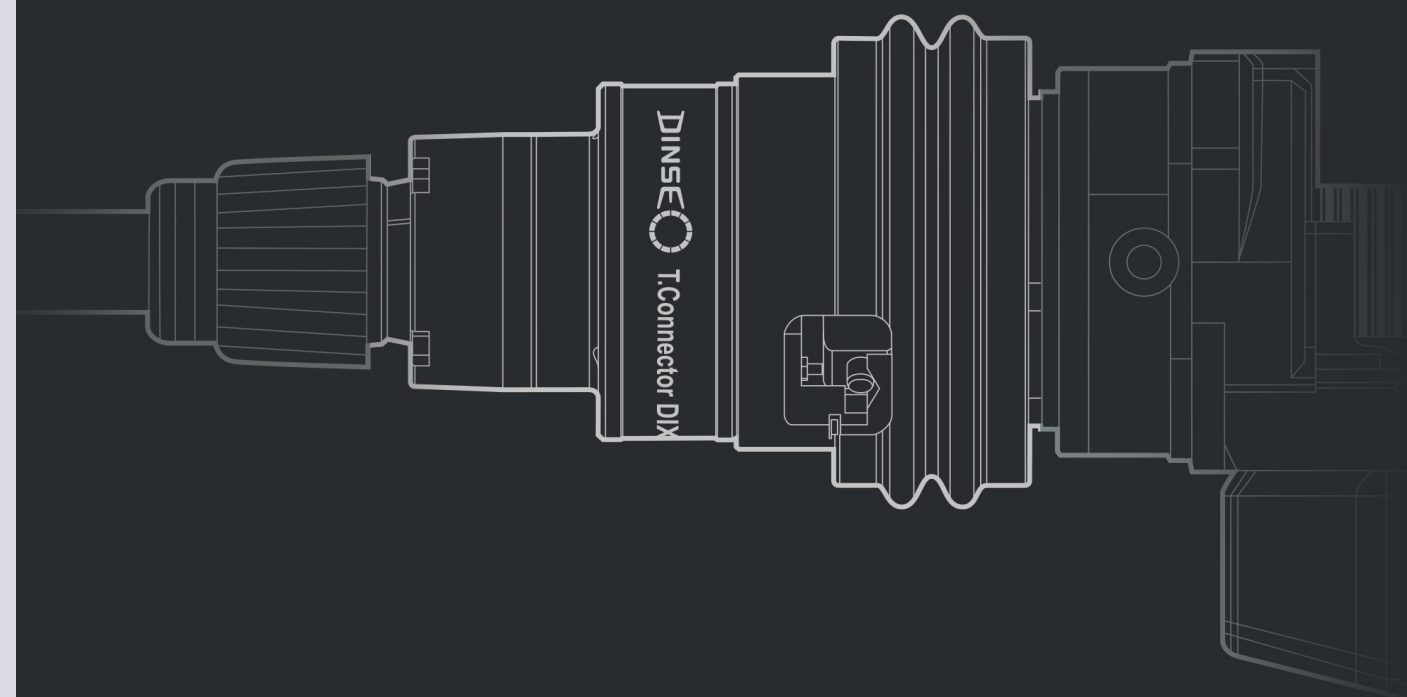


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Together with you we will find the best solution for your application.

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# THE NEW T.CONNECTOR HW

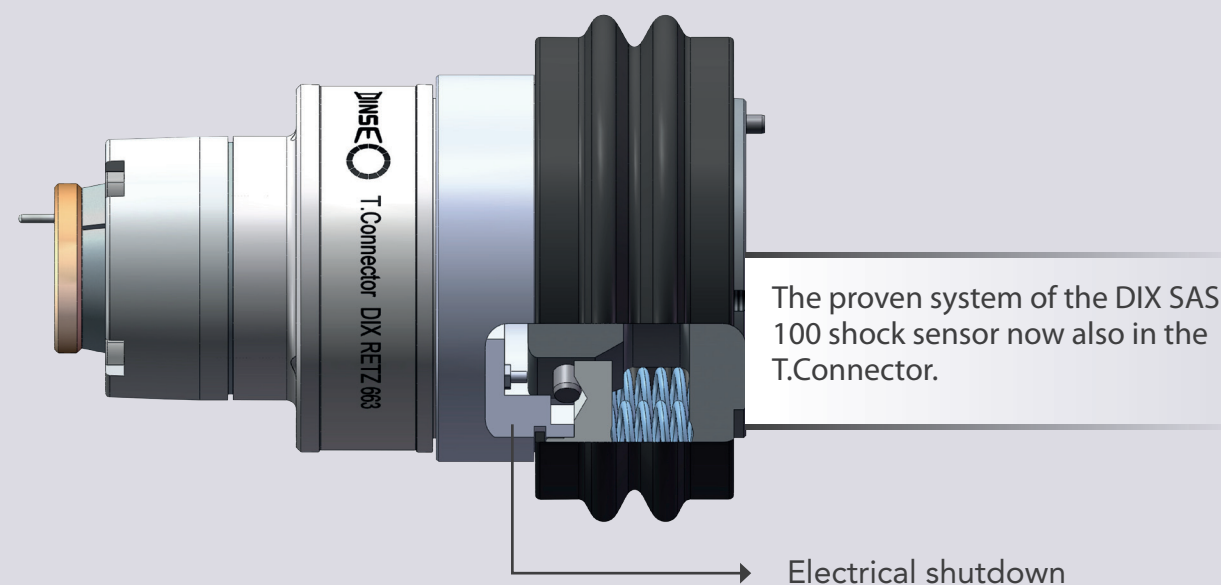
Totally convincing:

- ▶ Perfect connection to the robot
- ▶ Easy installation
- ▶ Slim design
- ▶ Low weight
- ▶ High availability
- ▶ Integrated shock sensor
- ▶ Maximum flexibility through +/- 260° rotation

## WITH SHOCK SENSOR



# T.CONNECTOR HW



## EXTREMELY ROBUST

Take advantage of first class quality:

With  $\pm 260^\circ$  of rotation of the sixth axis, the T.Connector HW allows maximum flexibility and optimal component accessibility. The high torsion-resistant hose package is characterized by its extremely low wear, long service life and long maintenance intervals.

## LIGHT AND EFFICIENT

Now we make it really easy:

Manufactured mostly out of aluminium, the T.Connector HW has a very light weight. Therefore it is ideal for robots with a low payload capacity on the sixth axis.

## TOTAL INSURANCE

Don't let it come to a crash:

The integrated shock sensor with a deflection of  $7^\circ$  und  $\pm 0,03$  mm reset accuracy provides reliable protection during collision in the setup and automatic operation. The shutdown signal is carried out electronically.

## MODULAR DESIGN

A fitting solution for each application:

Determine your requirements regarding the system. It is available in a gas- or liquid-cooled version and with or without wire brake. Touch sensing can be carried out by the end of the wire or the gas nozzle. The wire brake ensures a constant stick-out during the measurement process. Even when parts have deviations or tolerances, a perfect welding result is ensured.