



DINSE

# THE PRECISE ONE



## DIX METZ 58xx

350 A / WIRE DIAMETER 0.8 - 1.2mm

ABSOLUTELY ACCURATE  
IN EVERY POSITION.



1 TORCH  
3 LENGTHS  
9 VARIANTS

SCHWEISSEN

WELDING

SCHWEISSEN

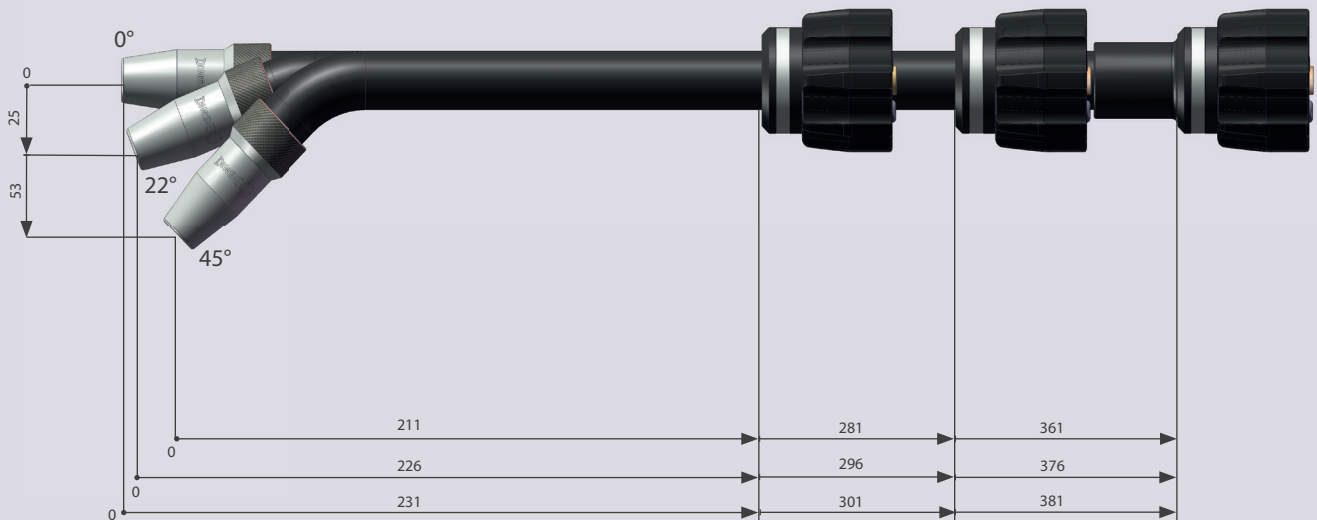
WELDING

SCHWEISSEN



# DIX METZ 5800 / 5822 / 5845

## Standard / L / XL



APPLICATION	TECHNICAL DATA (DIN EN 60 974 - 7)		
Non- and alloyed steels / high alloyed steels	DIX METZ 5800 Standard / L / XL	350A/100% ED C1	300A/100% ED M21
Aluminium-, magnesium-, copper- and nickel alloys	DIX METZ 5822 Standard / L / XL	350A/100% ED C1	300A/100% ED M21
Small to medium material thicknesses	DIX METZ 5845 Standard / L / XL	350A/100% ED C1	300A/100% ED M21

## ICUSTOMIZED TORCH CONFIGURATION

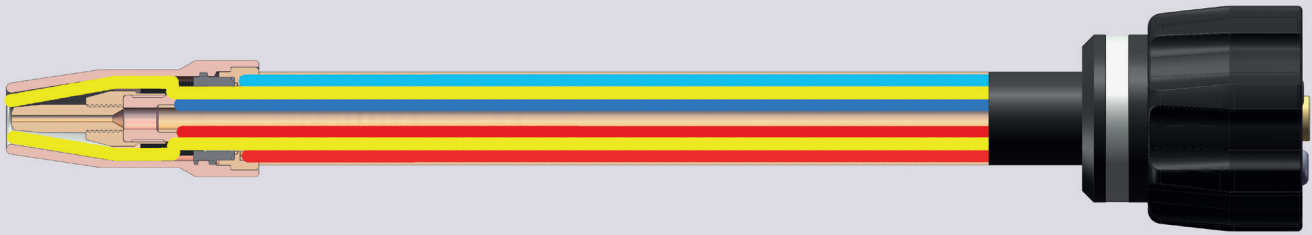
Each variant hits the bull's eye.

Don't limit yourself. DINSE gives you maximum flexibility for your application. That's why our torch necks are now available in nine different lengths and bending angles. You choose the right torch for your welding task - we deliver the precise torch neck with the desired dimensions for optimum component accessibility directly from our stock.

## COMPATIBILITY AND COST EFFECTIVENESS

Be satisfied with only the best.

Automated and robotic welding reires system componets that guarantee maximum availability, lasting durability and high repeatability. At DINSE, all components are standardized and perfectly matched to one another. All consumables are optimized for high performance and resistance to high temperature loads.



- ▶ Highly reduced external diameter
- ▶ Especially filigree wear parts
- ▶ Outstanding component accessibility
- ▶ Excellently centered and insulated inner part of the torch
- ▶ Perfect for thin sheet welding

## SEPARATE SHIELD GAS FLOW

**We don't do things by halves.**

The gas supply of DINSE torches is well thought through. The shield gas is flowing separately through the torch set to the gas nozzle. The best condition for a superior gas shield and a perfect welding result – with no gas losses.

## MAXIMUM COOLING

**Now you can get started.**

With the DINSE dual-circuit liquid cooling system, the coolant flows through the entire length of the torch neck. Contact tip and gas nozzle are cooled simultaneously, which creates very efficient cooling. This results in a significantly longer lifespan of the consumables, maximum productivity when welding heavy duty cycles.

Description	Dimension	Part name	Part number
Gas nozzle	ID ø 11 mm	DIX 1-3-5811 A	6390158110
Gas nozzle	ID ø 15 mm	DIX 1-3-5815 A	6390158150
Contact tip	M6 x 24 mm	DIX 3-1-__	6190300__
Tip adapter		DIX GS 5800	619040560
Gas diffusor		DIX GVT 5800	619100560
Torch neck standard	0°	DIX 6-3-5800 METZ	6391635800
Torch neck standard	22°	DIX 6-3-5822 METZ	6391635822
Torch neck standard	45°	DIX 6-3-5845 METZ	6391635845
Torch neck L	0°	DIX 6-3-5800 L METZ	6391635802
Torch neck L	22°	DIX 6-3-5822 L METZ	6391635803
Torch neck L	45°	DIX 6-3-5845 L METZ	6391635804
Torch neck XL	0°	DIX 6-3-5800 XL METZ	6391635805
Torch neck XL	22°	DIX 6-3-5822 XL METZ	6391635806
Torch neck XL	45°	DIX 6-3-5845 XL METZ	6391635807
Connecting piece		DIX MEPS 300/500	639061500041
Connecting piece,MEPTZ		DIX MES 300/500	6390665000
Clamp sleeve		DIX MEPS 300/500	629270270

Torch head		Standard	L	XL
DIX METZ 5800	0°	631315800	631158001	631158004
DIX METZ 5822	22°	631315822	631158002	631158005
DIX METZ 5845	45°	631315845	631158003	631158006



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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