THE DIRECT ONE



DIX METZ 64xx

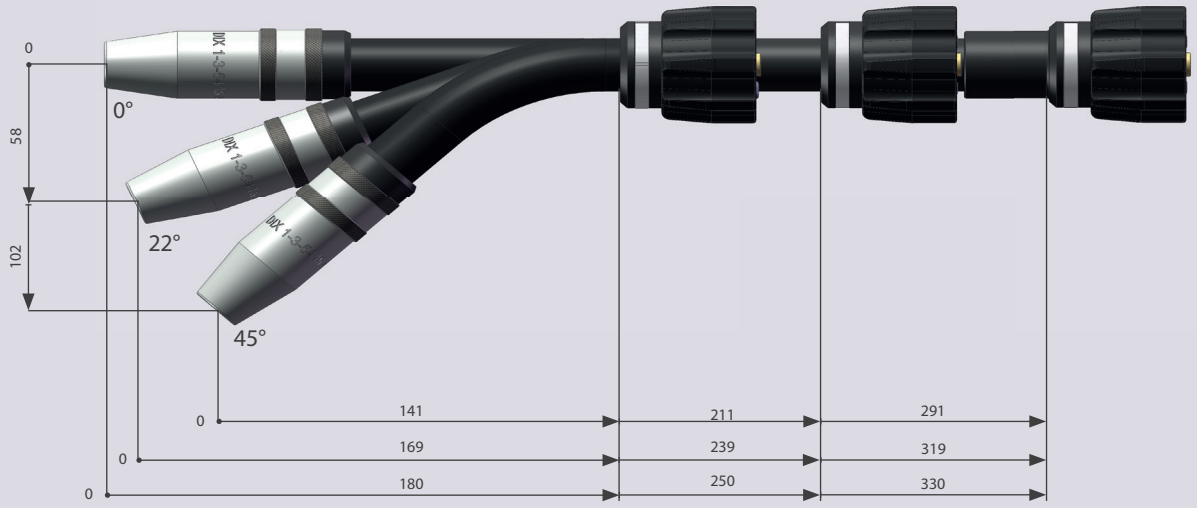
450 A / WIRE DIAMETER 1.0 - 1.6mm

REDUCED TO THE ESSENTIAL.

1 TORCH
3 LENGTHS
9 VARIANTS

liquid-cooled

DIX METZ 6400 /6422 /6445
Standard / L / XL



APPLICATION

Non- and alloyed steels / high alloyed steels
Aluminium-, magnesium-, copper- and nickel alloys
Medium to large material thicknesses

TECHNICAL DATA (DIN EN 60 974 - 7)

DIX METZ 6400 Standard / L / XL	450A/100% ED C1	400A/100% ED M21
DIX METZ 6422 Standard / L / XL	450A/100% ED C1	400A/100% ED M21
DIX METZ 6445 Standard / L / XL	450A/100% ED C1	400A/100% ED M21

CUSTOMIZED TORCH CONFIGURATION

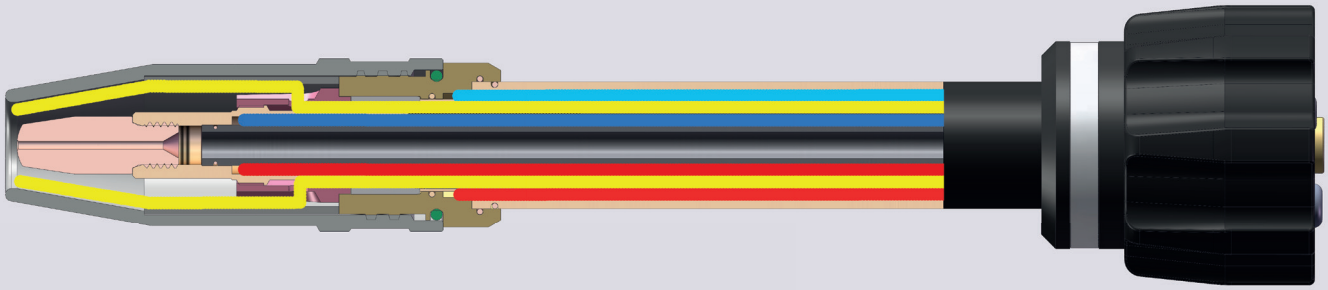
Each variant hits the bull's eye.

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 components 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.



- High TCP accuracy due to reinforced inner tube
- Absolutely reliable stability even when welding in the high amperage range
- Contact tip that is directly screwed into the inner tube ensures excellent current transfer
- Optimal heat dissipation due to less wear parts
- High performance with closed cooling circuit

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 13 mm	DIX	1-3-5413 A	6390154130
Gas nozzle	ID ø 15 mm	DIX	1-3-5415 A	6390154150
Gas nozzle	ID ø 18 mm	DIX	1-3-5418 A	6390154180
Insulator		DIX	2-3-500	6390250000
Contact tip	M8 x 28 mm	DIX	3-2-_._ M8	6290301_ _
Contact tip	M8 x 28 mm	DIX	3-2-_._ M8 CR-ZR	6290331_ _
Gas diffusor		DIX	10-3-540	6391054000
O-ring 22x2 Viton	(VPE 10 pcs.)			639060003
Torch neck standard	0°	DIX	6-3-6400 METZ	6390636400
Torch neck standard	22°	DIX	6-3-6422 METZ	6390636422
Torch neck standard	45°	DIX	6-3-6445 METZ	6390636445
Torch neck L	0°	DIX	6-3-6400 L METZ	6390636402
Torch neck L	22°	DIX	6-3-6422 L METZ	6390636403
Torch neck L	45°	DIX	6-3-6445 L METZ	6390636404
Torch neck XL	0°	DIX	6-3-6400 XL METZ	6390636405
Torch neck XL	22°	DIX	6-3-6422 XL METZ	6390636406
Torch neck XL	45°	DIX	6-3-6445 XL METZ	6390636407
Connecting piece		DIX	MES 300/500	639061500041
Connecting piece,MEPTZ		DIX	MEPS 300/500	6390665000
Clamp sleeve		DIX	SH 270	629270270

Torch head		Standard	L	XL
DIX METZ 6400	0°	631136401	631164001	631164004
DIX METZ 6422	22°	631136402	631164002	631164005
DIX METZ 6445	45°	631136403	631164003	631164006

MORE SERVICE
MORE PERFORMANCE

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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DINSE 01/2017
Technical and/or optical changes are subject for modifications.