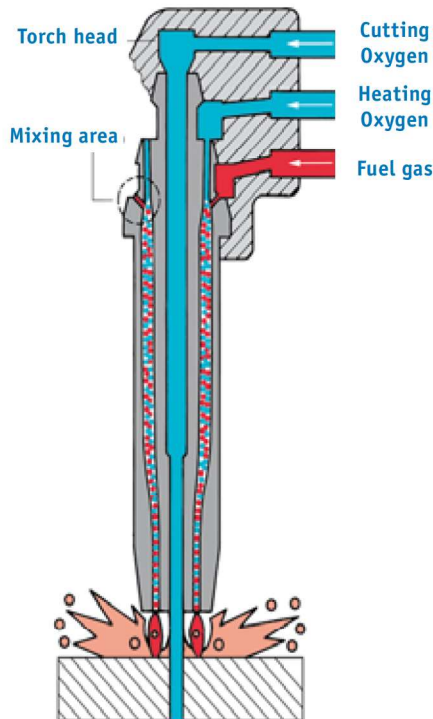


CUTTING TORCHES DORTMUND

KAYSER INFORMATION: GAS MIXING CUTTING SYSTEM DORTMUND I

For AGN and PNME nozzles



VERY ECONOMICAL

- Through long torch and nozzle life time.
- An integrated nozzle mixing system guarantees maximum life for gas-mixing nozzles.
- Its long torch and nozzle life time significantly affects the efficiency of the cutting process.

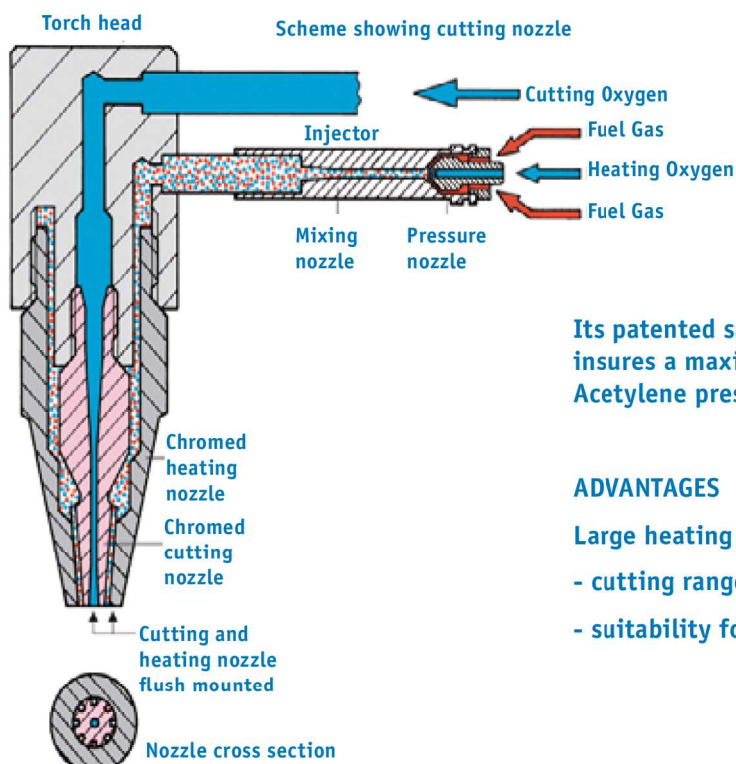
FLASHBACK SAFETY

The geometry of the mixture hole (oxygen / fuel gas) of a gas mixing nozzle is designed to prevent flashbacks making the most of the gas hole back to the torch, ie the flash back flame will be extinguished already inside the nozzle.

Therefore flashbacks do not reach (twin tube) the shank as it occurs with the injector torches.

KAYSER INFORMATION: INJECTOR CUTTING SYSTEM DORTMUND II

For AR / ARS / AB / NX / NFF And LPN / PLRC nozzles



Its patented safety injector design (double safety-injector) insures a maximum of flashback safety independent of the Acetylene pressure level.

ADVANTAGES

Large heating Oxygen flow, by that

- cutting range more than 100 mm beyond
- suitability for gouging

CUTTING TORCHES DORTMUND I

HAND CUTTING TORCHES DORTMUND I - SPRING LEVER DESIGN

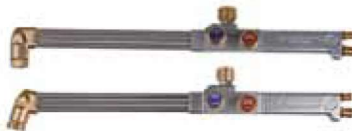
Oxygen/Acetylene - Propane - Methane (Natural gas)
For gas mixing nozzles AGN, PNME, cutting up to 300 mm



Art.-No.	Length	Torch head
33600	500 mm	90°
33603	700 mm	90°
33601	800 mm	90°
33602	1000 mm	90°
33617	1200 mm	90°
33618	1500 mm	90°
33610	500 mm	105°
33611	800 mm	105°
33612	1000 mm	105°
33614	1500 mm	105°
33606	500 mm	180°
33605	800 mm	180°
33609	1000 mm	180°
33607	1200 mm	180°
33608	1600 mm	180°

HAND CUTTING TORCHES DORTMUND I - HAND WHEEL DESIGN

Oxygen/Acetylene - Propane - Methane (Natural gas)
For gas mixing nozzles AGN, PNME, cutting up to 300 mm



Art.-No.	Length	Torch head
33620	500 mm	90°
33621	800 mm	90°
33622	1000 mm	90°
33630	500 mm	105°
33631	800 mm	105°
33632	1000 mm	105°
33634	1400 mm	105°
33623	1500 mm	105°
33624	500 mm	180°
33641	1500 mm	180°

HAND CUTTING TORCHES DORTMUND I - HAND WHEEL

Oxygen/Acetylene - Propane - Methane (Natural gas)
For gas mixing nozzles AGN, PNME, cutting up to 300 mm, with angular shaped shank.

Art.-No.	Length	Torch head
33682	500 mm	90°

CUTTING TORCHES DORTMUND II

INJECTOR-HAND CUTTING TORCHES DORTMUND II - SPRING LEVER DESIGN

Cutting range up to 300 mm
Oxygen - Acetylene



Art.-No.		Torch head	Length
33650	for AR / ARS nozzles	90°	500 mm
33633	for AR / ARS nozzles	90°	800 mm
33657	for AR / ARS nozzles	180°	500 mm
33659	for AR / ARS nozzles	180°	1000 mm
33651	for gouging block nozzles AB	180°	500 mm
33652	for block nozzles AB	90°	500 mm
33658	for block nozzles AB	90°	800 mm
33661	for block nozzles AB	90°	1000 mm
33667	for block nozzles AB	90°	1200 mm
33653	for gouging-block nozzles AB	90°	500 mm
33654	for flat head nozzles	90°	500 mm

Oxygen - Propane, Natural gas

Art.-No.			
33655	for LPN / PLRC / PR nozzles	90°	500 mm
33663	for LPN / PLRC / PR nozzles	180°	500 mm
33656	for NFF / NX nozzles	90°	500 mm
33666	for NFF / NX nozzles	90°	1000 mm
33664	for NFF / NX nozzles	90°	1200 mm

INJECTOR-HAND CUTTING TORCHES DORTMUND II - HAND WHEEL DESIGN

Cutting range up to 300 mm, length 500 mm
Oxygen - Acetylene



Art.-No.		Torch head
33670	for AR / ARS nozzles	90°
33672	for block nozzles AB	90°
33673	for gouging-block nozzles AB	90°
33677	for flat head nozzles	90°

Oxygen - Propane, Natural gas

Art.-No.		Torch head
33675	for LPN / PLRC / PR nozzles	90°
33676	for NFF / NX nozzles	90°

INJECTOR-HAND CUTTING TORCHES DORTMUND II - HAND WHEEL DESIGN

Oxygen - Acetylene
Cutting range up to 300 mm, length 500 mm
with angular shaped shank



Art.-No.		Torch head
33680	for AR / ARS nozzles	90°

INJECTOR-CUTTING TORCHES

INJECTOR-CUTTING TORCHES SKR / SKF

Oxygen - Acetylene
shank angular shaped, head 90°



Art.-No.

33400 for AR / ARS nozzles, without nozzles

33401 for AR / ARS nozzles, with cutting and welding nozzle AR H1 + S3

33500 for flat head, without nozzles

INJECTOR-CUTTING TORCHES SKR / SKB

Oxygen - Acetylene
shank straight shaped, head 90°



Art.-No.

33410 for AR / ARS nozzles, without nozzles

33411 for AR / ARS nozzles, with cutting and welding nozzle AR H1 + S3

33510 for block nozzles AB, without nozzles

Oxygen - Propane, Natural gas

Art.-No.

33460 for LPN / PLRC / PR nozzles, without nozzles

INJECTOR-CUTTING TORCHES SKFB / SKFR

Oxygen - Acetylene
shank straight shaped, head 145°



Art.-No.

33511 with angular shaped gouging block nozzle AB, 2

33415 with twin gouging, cutting and welding nozzle FHR H 0-1, S 1

INJECTOR-CUTTING TORCHES SKFB / SKFR

Oxygen - Acetylene
shank straight shaped, head 180°



Art.-No.

33416 with twin gouging, cutting and welding nozzle FHR H 0-1, S 1

MACHINE CUTTING TORCHES

MACHINE CUTTING TORCHES - 3 HOSES



without nozzles

Art.-No.

33700	Oxygen - Propane	for NFF / NX nozzles
33710	Oxygen - Acetylene	for AR / ARS nozzles
33720	Oxygen - Propane	for LPN / PLRC nozzles

ADJUSTMENT VALVE



Art.-No.

KAY500	for heating Oxygen	G 1/4"
KAY501	for cutting Oxygen	G 3/8"
502	for Fuel gas	G 3/8" LH

HOSE FOR MACHINE TORCHES



Steel coated, length ca. 1000 mm

Art.-No.

3370016	for heating Oxygen	G 1/4"
3370017	for cutting Oxygen	G 3/8"
3370018	for Fuel gas	G 3/8" LH

FLASHBACK ARRESTOR FOR MACHINE TORCH



Art.-No.	Gas	Type	Working pressure	Inlet	Outlet
64060	Fuel gas	3	max. 5 bar	G3/8" LH male	G3/8" LH fem.
64061	Oxygen	3	max. 20 bar	G1/4" male	G1/4" fem.
64067	Oxygen	3	max. 20 bar	G3/8" male	G3/8" fem.