**DINSE manual welding systems: Maximum performance and functionality meeting the highest demands.**

For mobile or stationary MIG/MAG welding high performance and durable materials are essential. This is where DINSE’s tested quality comes into play: Proven and highly resilient torch sets for sustained, precision work.

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**Our quality promise:**

Minimal wear – maximum availability.

Only components that meet our highest demands are used for DINSE manual welding systems. This ensures exceptionally long service life from your DINSE equipment. Storage costs and downtime to replace wearing parts are reduced to a minimum.

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**Powerful product range**

- Minimal wear
- Intelligent component system
- Efficient dual circuit cooling system
- Outstanding workpiece accessibility

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**BLACKline manual welding systems**

*No compromise in quality and performance!*

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**Cost-effective repairs**

One of the qualities that distinguish DINSE products is the high level of cost-effectiveness. DINSE never replace worn parts in case of wear. This makes the torch sets extremely durable and easy to handle.

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**Optimal design**

The optimal design of welding torches also ensures that its functional and ergonomic qualities are maintained even under the most demanding requirements. The lightweight design guarantees exceptionally good comfort and accessibility.

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**Efficient gas routing**

All DINSE torch sets come equipped as standard with a separate shield gas hose. This ensures a superior gas shield yielding perfect welding results, with no loss of gas.

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**Proven in production**

DINSE’s gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross ribs to the contact tip. This draws away large amounts of heat from the welding torch. This ensures an efficient cooling for welding to reduce thermal effects and increase productivity and accessibility. The unique DINSE gas cooling system yields the best possible protection for your system and equipment.

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**Modular design**

DINSE torches set the standards for extreme flexibility in all applications. No matter what the task you will find the right components perfectly adapted to one another for cost-effective problem-free production.

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**DINSE GAS COOLING**

The DINSE GAS COOLING system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross ribs to the contact tip. This draws away large amounts of heat from the welding torch. This ensures a highly efficient cooling for welding to reduce thermal effects and increase productivity and accessibility. The unique DINSE gas cooling system yields the best possible protection for your system and equipment.

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**DINSE – passionate about perfection.**

"No compromise in quality and performance!"

DINSE – passionate about perfection.
Our quality promise: Minimal wear – maximum availability.

Only components that meet our highest demands are used for DINSE manual welding torches. This means every single part of each DINSE item goes through tests and inspections to ensure the quality that our customers expect.

Cost-effective repairs
One of the qualities that distinguishes DINSE products is their high degree of cost-effectiveness. This is particularly evident in the repair of worn parts. The design of the torch ensures easy access and rapid repair.

Optimal design
The optimal design of welding torches also promotes their longevity, because the design of the torch head guarantees maximum comfort and accessibility.

Long lifespan
With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch. The contact tip and gas nozzle are cooled simultaneously, which results in very efficient cooling.

Efficient gas routing
All DINSE torch sets come equipped as standard with a separate shield gas hose. This ensures an even, effective gas shield, yielding perfect welding results, with no loss of gas.

DINSE’s basic products for mobile or stationary MIG/MAG welding high performance and durable materials are essential. This is where DINSE’s tested quality comes into play: Proven and highly resilient torch sets for maximum productivity.

Proven in production
DINSE GAS COOLING

The unique DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts. This ensures an even, effective gas shield, with no loss of gas. This means that DINSE torches deliver superior performance, even in the most demanding of applications, and are the ideal choice for both mobile and stationary welding processes.

DINSE – passionate about perfection.
Our quality promise:  

Minimal wear – maximum availability

Only components that meet our highest demands are used for DINSE manual welding torches. This ensures very strong fit between DINSE torches and gas nozzles, even through wear and therefore minimal wear and downtime for welding operators.

Cost-effective repairs
One of the qualities that distinguishes DINSE products is the high level of cost-effectiveness. A high level of quality means you will only have to repair or replace parts that are damaged or worn out. This makes the torch set cost-effective and easy to repair.

Optimal design
The entire range of welding torches is also popular because of its ergonomic qualities. The sleek design of the torch neck guarantees exceptionally good component accessibility.

Long lifespan
With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch neck. The contact tips and gas nozzles are cooled simultaneously, which results in very effective cooling, ensuring a long lifespan.

WATER COOLING

With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch neck. The contact tips and gas nozzles are cooled simultaneously, which results in very effective cooling, ensuring a long lifespan.

Wire feeders
Light, sturdy and fully isolated by plastic housing
Perfect balance throughout the entire speed range
Universal 200 x 140 mm Blackline housing for all tasks – especially for PUSH-PULL drive

Gas nozzles/Gas distributors
Wire guide liner
The right liner / capillary liner for any application and any wire diameter
Ideal protection, e.g. when there is high thermal stress or especially high demands

Contact tips
Lightly loaded, fully isolated by plastic housing
Perfect fit for optimal current transfer
Specially selected alloyed components minimize wear

Wire feeders
Light, sturdy and fully isolated by plastic housing
Perfect balance throughout the entire speed range
Universal 200 x 140 mm Blackline housing for all tasks – especially for PUSH-PULL drive

Gas nozzles/Gas distributors
Wire guide liner
The right liner / capillary liner for any application and any wire diameter
Ideal protection, e.g. when there is high thermal stress or especially high demands

Contact tips
Lightly loaded, fully isolated by plastic housing
Perfect fit for optimal current transfer
Specially selected alloyed components minimize wear

With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch neck. The contact tips and gas nozzles are cooled simultaneously, which results in very effective cooling, ensuring a long lifespan.

Proven in production
DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross riffs to the contact tip. This keeps away huge amounts of heat from the welding torch.

Efficient gas routing
All DINSE torch sets come equipped as standard with a separate shield gas hose. This ensures a superior gas shield yielding perfect welding results, with no loss of gas.

Modular design
DINSE torches set the standards for extreme flexibility in all applications. No matter what the task you will find the right components perfectly adapted to one another for cost-effective problem-free production.

The unique DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross riffs to the contact tip. This keeps away huge amounts of heat from the welding torch.

Proven in production
DINSE GAS COOLING

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Modular design
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Our quality promise:  

Minimal wear – maximum availability

Only components that meet our highest demands are used for DINSE manual welding torches. This ensures very strong fit between DINSE torches and gas nozzles, even through wear and therefore minimal wear and downtime for welding operators.

Cost-effective repairs
One of the qualities that distinguishes DINSE products is the high level of cost-effectiveness. A high level of quality means you will only have to repair or replace parts that are damaged or worn out. This makes the torch set cost-effective and easy to repair.

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Wire feeders
Light, sturdy and fully isolated by plastic housing
Perfect balance throughout the entire speed range
Universal 200 x 140 mm Blackline housing for all tasks – especially for PUSH-PULL drive

Gas nozzles/Gas distributors
Wire guide liner
The right liner / capillary liner for any application and any wire diameter
Ideal protection, e.g. when there is high thermal stress or especially high demands

Contact tips
Lightly loaded, fully isolated by plastic housing
Perfect fit for optimal current transfer
Specially selected alloyed components minimize wear

Wire feeders
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DINSE manual welding systems: Maximum performance and functionality meeting the highest demands.

For mobile or stationary MIG/MAG welding high performance and durable materials are essential. This is where DINSE’s tested quality comes into play: Proven and highly resilient torch sets for maximum productivity.

WATER COOLING

With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch neck. The contact tips and gas nozzles are cooled simultaneously, which results in very effective cooling, ensuring a long lifespan.

Efficient gas routing
All DINSE torch sets come equipped as standard with a separate shield gas hose. This ensures a superior gas shield yielding perfect welding results, with no loss of gas.

Modular design
DINSE torches set the standards for extreme flexibility in all applications. No matter what the task you will find the right components perfectly adapted to one another for cost-effective problem-free production.

The unique DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross riffs to the contact tip. This keeps away huge amounts of heat from the welding torch.

Proven in production
DINSE GAS COOLING

The DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross riffs to the contact tip. This keeps away huge amounts of heat from the welding torch.

Efficient gas routing
All DINSE torch sets come equipped as standard with a separate shield gas hose. This ensures a superior gas shield yielding perfect welding results, with no loss of gas.

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With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch neck. The contact tips and gas nozzles are cooled simultaneously, which results in very effective cooling, ensuring a long lifespan.

Efficient gas routing
All DINSE torch sets come equipped as standard with a separate shield gas hose. This ensures a superior gas shield yielding perfect welding results, with no loss of gas.

Modular design
DINSE torches set the standards for extreme flexibility in all applications. No matter what the task you will find the right components perfectly adapted to one another for cost-effective problem-free production.
BLACKline 230/330 – the flexible range.
The right manual welding torch for any requirement. From the handy, standard design to the fully-equipped torch handle. All the way up to the slimline DINSE BLACKline range.

BLACKline 230/330 – even more powerful.
Lightweight, operator-friendly, functional! BLACKline also offers the iron and mixed gas and CO2 torches at the same time. The DINSE BLACKline family of torches is instantly recognizable by the separated torch neck and the DINSE connector. The mating parts of the gas- and water-cooled variants are connected and can be removed individually.

BLACKline 304/305/306 – top quality in production.
Designed for especially high performance and maximum productivity. Thanks to their currently low cost, they are the cost-effective solution for the most powerful manual welding torches in the DINSE range. The sliding swivel neck allows outstanding flexibility in welding.

An intelligent system – from start to finish.
With DINSE, all of the individual parts are well-engineered and perfectly attuned to one another – from the connectors to the manual welding fittings with gas- or water-cooling. Other versions of DINSE fittings are available for connecting the powerful DINSE wire-feeders to the torch head. Optimal connectors ensure an uninterrupted flow of gas and water and trouble-free wire-feed. Kink protection is integrated at the connector end. This guarantees optimal monitoring during the welding process and allows you to constantly monitor the gas flow of your equipment.

Conductive handles
Our various conductive handles are engineered for their extreme quality and optimal handling. All the handles are individually detachable and excellent ergonomic qualities for all welding applications.

DINSE connectors
The original, tried and tested DINSE connectors and Euro connectors are available upon request. Optimal connectors allow you to constantly monitor the gas flow of your equipment.

Rugged fitting
The DINSE fittings are constantly undergoing development making them even more resistant to breakage, top-quality insulation, resistance to breakage, top-quality insulation, heat resistance, and excellent ergonomic qualities for all welding applications.

Machine version for automated welding
Machine version for automated welding is available upon request for the complete range of DINSE products.

Machine remote control, with integrated control of power sources
Machine remote control, with integrated control of power sources is available upon request for the complete range of DINSE products.

Manual remote control
Manual remote control is available for the complete range of DINSE products.

Optimal connectors
The original, tried and tested DINSE connectors ensure optimal connection of the torch head to the gas or water supply. The DINSE fittings can be used for almost any manual welding system.

Precision measurement equipment
Precision measurement equipment is available for the complete range of DINSE products. This allows you to constantly monitor the gas flow of your equipment.

Optimal connectors
The DINSE fittings are constantly undergoing development making them even more resistant to breakage, top-quality insulation, and excellent ergonomic qualities for all welding applications.
BLACKline 230/330 – the flexible range.

Suitable, operator-friendly,分数线: DIX also offers the flexible and manual 230 and 330 DIZMAN manual welding torches. The line includes 3 models: DIX, DIZ and MIZ. The material parts of the gas- and water-cooled variants are connected and can therefore be used separately.

BLACKline 230/330 – even more powerful.

Lightweight, operator-friendly,分数线: DIX also offers the flexible and manual 230 and 330 DIZMAN manual welding torches. The line includes 3 models: DIX, DIZ and MIZ. The material parts of the gas- and water-cooled variants are connected and can therefore be used separately.

BLACKline 304/305/306 – top quality in production.

Designed for especially high performance and maximum productivity. Thanks to an optimized shape, the BLACKline 304/305/306 manual welding torches are ideally suited for welding with high current. The right manual welding torch for any requirement: From the handy, standard design to the powerful, especially high-current models. The line includes 3 models: 304, 305 and 306.

Comfortable handles

Our various comfortable handles are manufactured for their unique technology, ease-of-use, durability and excellent ergonomic qualities for efficiency in welding. MP: Manual welding, ergonomic and high-grip, very fast component assembly, optional thumb switch for top, very good component accessibility. MPW: Manual welding, for fittings with quick change torch head. Minimal remote control, with integrated control of the power source. MPW (Manual PUSH-PULL, torch handle with precision reservoir handle for a variety of quick change torch heads. MPW: Manual version for water-cooled welding.

Precise measurement equipment

Precise metering requires the welding process allows optimal setting of the parameters. The preset flow of the coolant can be determined with the aid of the flow rate meter. This allows the cutting procedure to be adapted to the welding process and the welding quality to be directly evaluated. The medium ensures improved welding and effortless working. Kink protection is integrated at the connector end. This guarantees the uninterrupted flow of gas and water and trouble-free wire-feed. The DINSE fittings are constantly undergoing development making you to constantly monitor the gas flow of your equipment.

Rugged fittings

The DINSE fittings are constantly undergoing development making you to constantly monitor the gas flow of your equipment.

Optimal connectors

The original, tried and tested DINSE connector and flow connectors allow the manual welding torches to be used with all standard water hoses and water-cooled wire-feeders. The DINSE fittings ensure precise measurement equipment and excellent ergonomic qualities for effortless welding. Comfortable handles...
BLACKline 230/330 – the flexible range.

Lightweight, operator-friendly, flexible: BLACKline also offers the tried and tested 230 and 330. BLACKline torque neck is singly separable and complies with the new DIN EN 50019. The wearing parts of the gas and water-cooled variants are connected and can be removed to meet any requirement.

- Wire Ø 0.8 - 1.0 mm
- DIX 230
- MDW 230
- MG 230
- MS 230

BLACKline 230/330 – even more powerful.

Designed for especially high performance and maximum productivity. Thanks to the effective DINSE dual circuit water cooling system the BLACKline 230/330 is suitable for welding with 200 A/60% DC mixed gas.

- 200 A/ 60% DC mixed gas
- 250 A/ 60% DC CO2
- Also as MPW
- MDW 330
- MGZ 330
- MSZ 330

BLACKline 304/305/306 – top quality in production.

Designed for especially high performance and maximum productivity. Thanks to the effective DINSE dual circuit water cooling system the BLACKline 304/305/306 is suitable for welding with 270 A/60% DC CO2, 300 A/60% DC CO2, 320 A/60% DC mixed gas, 500 A/60% DC CO2, 550 A/60% DC mixed gas.

- W 230
- DIX 330
- MDW 330
- MG 330
- MS 330

BLACKline 304/305/306 – even more powerful.

Designed for especially high performance and maximum productivity. Thanks to the effective DINSE dual circuit water cooling system the BLACKline 304/305/306 is suitable for welding with 250 A/60% DC CO2, 270 A/60% DC CO2, 60% DC mixed gas, 250 A/60% DC mixed gas, 320 A/60% DC mixed gas, 450 A/60% DC mixed gas, 500 A/60% DC CO2, 550 A/60% DC mixed gas.

- 200 A/ 60% DC mixed gas
- 250 A/ 60% DC CO2
- Also as MPW
- MDW 330
- MGZ 330
- MSZ 330

An intelligent system – from start to finish.

With DINSE, all of the individual parts are well-engineered and perfectly attuned to one another – from the connectors to the wire-feed adaptations and more. DINSE are available upon request.

Comfortable handles

One-piece comfort handles are reserved for their comfort and ease of operation. They enable even the smallest and smallest of fingers a positive handling experience.

- 500 A/60% DC CO2
- 500 A/60% DC mixed gas
- 550 A/60% DC CO2
- 550 A/60% DC mixed gas

Precise measurement equipment

Precise measurement equipment includes a flow rate meter, which makes the welding process as well as the welding head. The gas flow meter allows the cooling process to be monitored to ensure sufficient cooling. The gas flow meter allows the cooling process to be determined with the aid of the flow rate meter. This allows you to constantly monitor the gas flow of your equipment.

Rugged fittings

The DINSE fittings are constantly undergoing development making them more durable. The latest generation is especially resistant to abrasion and weld spatter. At the same time, the innovative, flexible hose material ensures improved handling and trouble-free withdrawal. Kink protection is integrated at the connector end. This guarantees an uninterrupted flow of gas and water and trouble-free wire-feed.

Optimal connectors

The DINSE fittings are constantly undergoing development making them more durable. The latest generation is especially resistant to abrasion and weld spatter. At the same time, the innovative, flexible hose material ensures improved handling and trouble-free withdrawal. Kink protection is integrated at the connector end. This guarantees an uninterrupted flow of gas and water and trouble-free wire-feed.

DINSE connector

For water-cooled applications

- Wire Ø 1.0 - 1.2 mm
- DIX 330
- MSZ 330

DINSE connector

For gas-cooled applications

- Wire Ø 1.0 - 1.2 mm
- DIX 330
- MSZ 330

An intelligent system – from start to finish.

With DINSE, all of the individual parts are well-engineered and perfectly attuned to one another – from the connectors to the wire-feed adaptations and more. DINSE are available upon request.
BLACKline 230/330 – the flexible range.

Lightweight, operator-friendly, functional: BLACKline also offers the real and manual 230 and 330 models in all variants. The new DINSE fitting system features excellent performance in all variants.

The wearing parts of the gas- and water-cooled variants are common and contribute to their popularity.

The right manual welding torch for any requirement: From the handy, standard design to the powerful, dual circuit water-cooled systems. The unique DINSE torch handle to the handle with integrated PUSH-PULL drive.

The effective DINSE dual circuit water cooling system the BLACKline 304/305/306 with corresponding cooling channels. Optimized and rational and weld spatter. For TIG, plasma, and plasma and air, the system is suitable for the small and medium-sized industry. This protection is integrated at the connector and the power source.

An intelligent – from start to finish. With DINSE, all of the individual parts are well-engineered and perfectly attuned to one another – from the connectors to the前往下一页

BLACKline 230/330 – even more powerful.

Designed for especially high performance and maximum productivity. Thanks to the effective DINSE dual circuit water cooling system the BLACKline 304/305/306.

The允许 outstanding efficiency in welding.

Comfortable handles

Our various comfortable handles are renewed for their optimum technology, best working position, heat-resistant and excellent ergonomics qualities for offshore welding.

Optimal connectors

Optimal connectors for connecting the powerful DINSE wire-feeders to the machine version for automated welding.

The DINSE fittings are constantly undergoing development making it possible to optimally adjust the gas, water and CO2 flows. The DINSE parts are available upon request.

Optimum connection equipment

The DINSE range is constantly undergoing development making it possible to optimally adjust the gas, water and CO2 flows. The DINSE parts are available upon request.

Optimal connectors

The DINSE range is constantly undergoing development making it possible to optimally adjust the gas, water and CO2 flows. The DINSE parts are available upon request.

Optimal connections

The DINSE range is constantly undergoing development making it possible to optimally adjust the gas, water and CO2 flows. The DINSE parts are available upon request.
Our quality promise:
Minimal wear – maximum availability.

Implementing our latest research and development results, DINSE has successfully introduced into the market a new concept of welding torches.

Only components that meet our highest demands are used for DINSE manual welding systems. This ensures long service life and a high level of reliability. Cost-effective repairs are possible without reducing the quality of the welding result.

Our new designs of DINSE welding systems are constructed with the highest level of cost effectiveness. The costs for the torch set are low, and the life expectancy is high.

The entire range of welding torches is also popular because of its ergonomic qualities. The sleek design of the torch neck guarantees exceptionally good component accessibility.

Welding heads:
- Light and fully adjustable for ideal welding.
- Flow ceased through the pilot arc for optimal welding.
- Stainless steel exhaust hoods with adjustable height for easy handling - especially for PUSH-PULL drive.
- Fully adjustable height for gas nozzle.
- Laminar gas flow for perfect cooling and welding efficiency.
- Power feeders:
  - Light, sturdy and fully isolated by plastic housing.
  - Powerful torque throughout the entire speed range.
  - Constant wire feed independently of torsion, flexure or length of the fitting – especially for PUSH-PULL drive.
  - Compatible with various coil sizes and all popular power sources.
- Contact tips:
  - Perfectly fit for optimal current transfer.
  - Specially selected alloyed components minimize wear.
- Gas nozzles/Gas distributors:
  - Gas nozzles in various lengths and diameters, corresponding to your requirements.
  - Rugged trapezoidal threads for ideal heat transfer.
  - Trouble-free changing of the gas nozzles – even after several welding applications.
  - Laminar gas routing without turbulence thanks to well-engineered gas distributor geometry.
- Wire guide liner:
  - The right liner/capillary liner for any application and any wire diameter.
  - Ideal protection, e.g. when there is high thermal stress or especially high demands.

With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch. The contact tip and gas nozzle are cooled simultaneously, which results in very efficient cooling.

This results in a significantly longer lifespan and maximum productivity when welding over long periods of time.

Blackline manual welding systems

Blackline manual welding systems: Maximum performance and functionality meeting the highest demands.

For mobile or stationary MIG/MAG welding high performance and durable materials are essential. This is where DINSE’s tested quality comes into play: Proven and highly robust designs are set for maximum performance.

DINSE torches set the standards for extreme flexibility in all applications.

Modular design:
DINSE torches feature the flexibility and fit for all applications. As a result we can offer you an optimal tool adapted to one another for cost-effective problem-free production.

The unique DINSE gas cooling system delivers a cascade-like flow of gas through concentrically arranged longitudinal ducts with numerous cross ribs to the contact tip. This ensures a high degree of cooling for welding up to 300 A with the longest possible duty-cycle. This is a demand of shipyards and for vehicle and container construction.

Efficient gas routing:
All DINSE torch sets come equipped as standard with a separate shield gas hose.

This ensures a superior gas shield yielding perfect welding results, with no loss of gas.

Cost-effective repairs:
All of the above makes our DINSE products to the high level of cost effectiveness. This is also reflected in the cost of a single piece. This makes the torch set cost-effective and easy to replace.

Optimal design:
The entire range of welding torches is also popular because of its ergonomic qualities. The sleek design of the torch neck guarantees exceptionally good component accessibility.

With the DINSE dual circuit water cooling system, the coolant flows through concentrically arranged ducts along the entire length of the welding torch. The contact tip and gas nozzle are cooled simultaneously, which results in very efficient cooling.

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