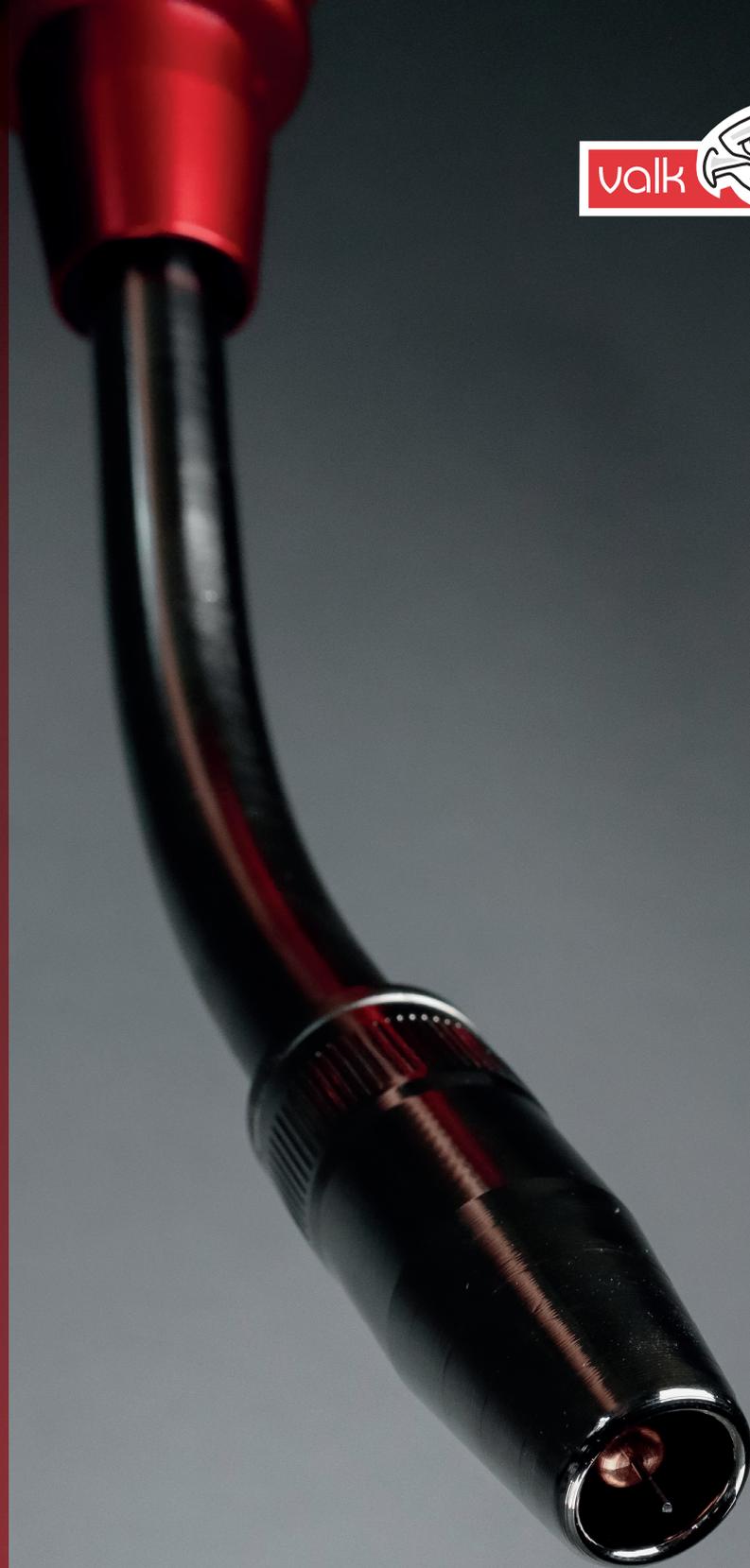


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VWPR Mig II robotic welding torch



"The enthusiastic response from the companies that tested the first units was remarkable. The tool life and the wear on the parts was extended by a factor of 5 which resulted in very large savings in terms of both production and Total Cost of Ownership (TCO)."
 - Sander Verhoef, Manager R&D

VWPR Mig II robotic welding torch

With the full in-house development and production of the new MIG II torch, Valk Welding has managed to take a big step forward. The focus was both on durability and greatly improved performance, both in service life and welding quality:

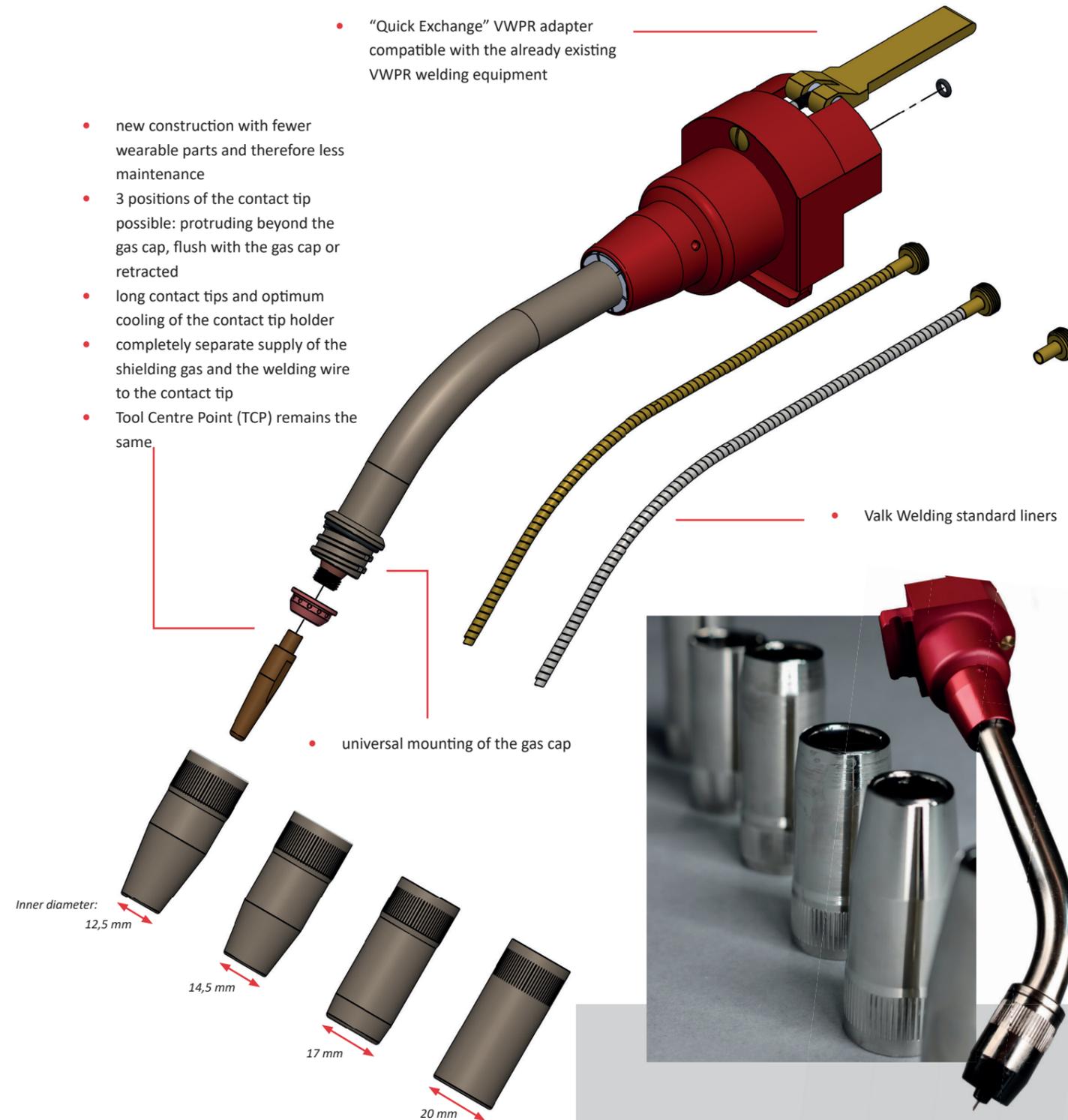
- a completely new and unique construction with far fewer wearable parts, therefore much less maintenance.
- "Quick Exchange" VWPR adapter compatible with the already existing VWPR welding equipment to change the torch quickly and accurately.
- universal mounting of the gas cap.
- 3 positions of the contact tip are possible: protruding beyond the gas cap (Extended), flush with the gas cap (Flushed) or retracted (Retracted), depending on your need.
- Long contact tips and optimal cooling of the contact tip holder for better weld quality, due to optimal current transfer and less wear.
- Valk Welding standard liners are supplied pre-assembled to size ensuring optimal wire feeding.

- completely separated from the welding wire supply is the supply of the shielding gas up to the contact tip which guarantees higher purity and thus increased weld quality.
- Tool Centre Point (TCP) remains the same as that of the existing VWPR torches and is thus interchangeable.

Given its great advantages, this torch is the right choice for all MIG applications, whether for steel, stainless steel, or aluminium. With the same advantages, specialty torches can also be made where a standard torch does not give optimal reach to the welding robot.



	Retracted	Flushed	Extended
Reachability	•	••	•••
Short stick-out	•	••	•••
Long stick-out	•••	••	•
Contact tip protection	•••	••	•



MIG II Compact
 Where necessary, shorter contact tips can also be used so that in combination with a short gas cap we have a VWPR MIG II Compact to handle optimal welding torch positions in very tight spaces for perfect weld quality.

The strong connection



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