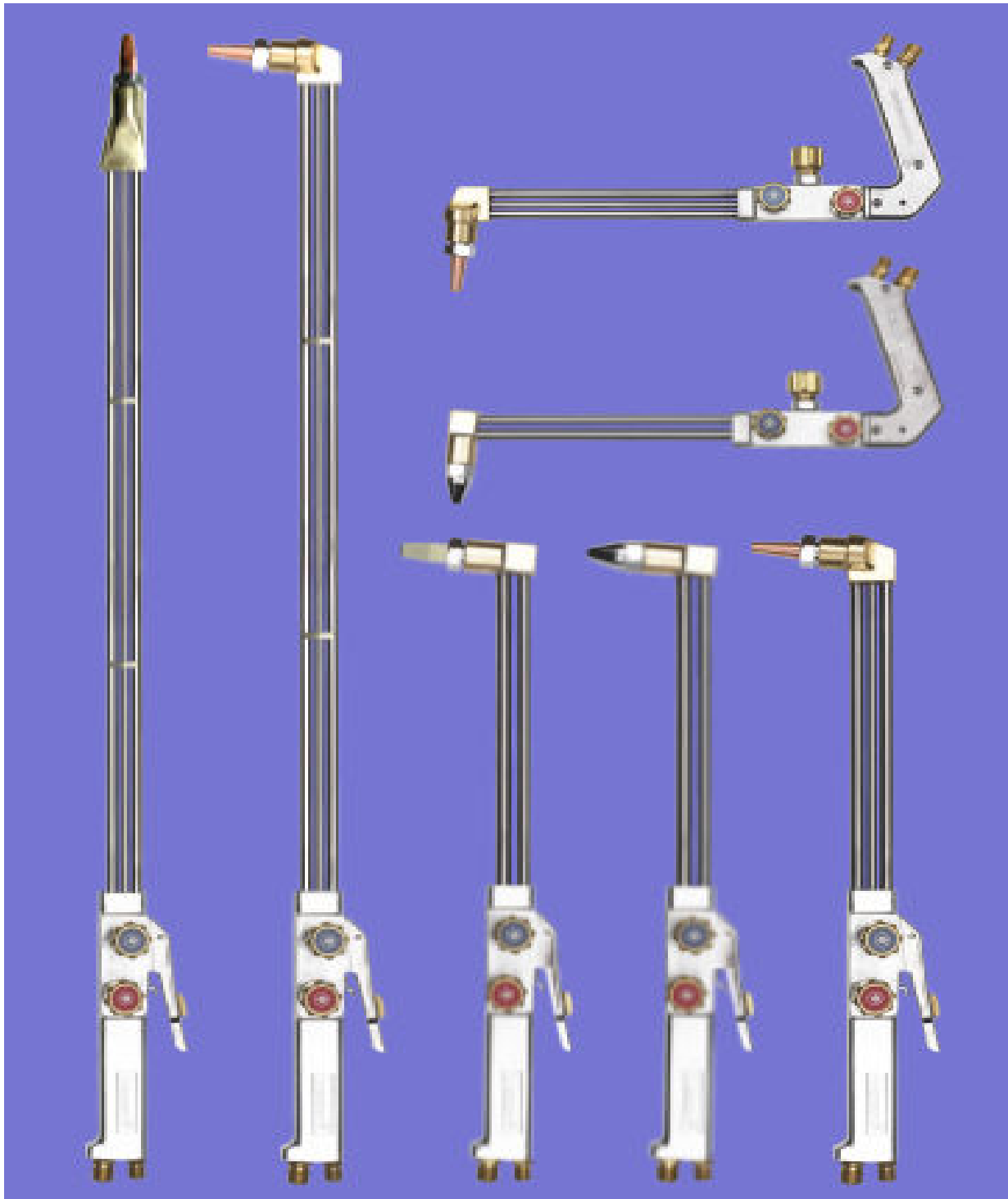


ESSEN

**The Universal Hand Cutting Torch for
Fabrication and Scrap Cuts**



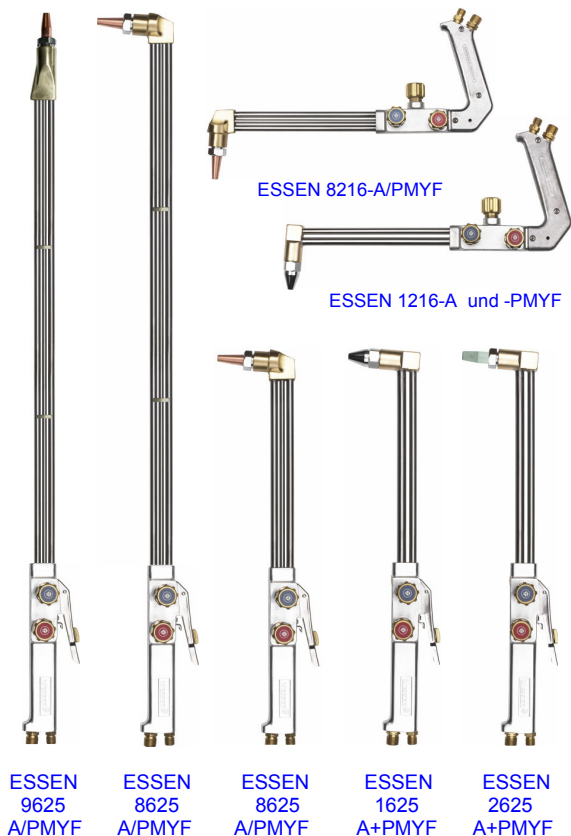
Hand Cutting Torch **ESSEN**

With the heavy duty hand cutting torch series **ESSEN** Messer continues the tradition of torches with the quality and reliability which is synonymous with *Original-Messer-Quality*.

ESSEN cutting torches are a proven design incorporating the latest technical features necessary to meet the ever changing applications and requirements of the hand cutting market.

Under consideration of the latest safety features the **ESSEN** cutting torch series is available again in various versions. Their ergonomic, and modern functional design permits secure, steady and effortless control by hand and their balanced weight enables the operator positive and comfortable working conditions for a continuous operation.

ESSEN: the high-value, universal hand cutting torch for flame cutting and flame gouging.



- Designed in accordance to the most current internationally recognized standards EN ISO, BSP, CGA, NFE and AS.
- Manufactured under the quality management system of EN ISO 9001.
- 100% tested before despatch.
- Principally designed for general workshop cutting up to 500 mm / 20 inches work-piece thickness.
- Available for all kind of fuel gases.
- High operating safety and advanced efficiency by ergonomically designed and robust construction.
- Compact, solid and seawater-proof light-metal alloy handpiece and wear-resistant stainless steel connecting tubes.
- Drop forged torch head made from brass for rough operations.
- Modern, practical shape and balanced weight enables safety and tireless operation of the Cutting Torch.
- Precise adjustment and accurate control of the flame by newly designed monoblock adjusting valves.
- Laterally positioned back-to-back adjusting valve arrangement enables comfortable and easy operation (also with gloves).
- Cutting oxygen and adjusting valves in front of the hand assure maximum safety for the operator.
- Large cross-sectional areas enable high gas flow and ensures that the required oxygen and fuel gas flow rates, even on heavy duty applications with low gas pressures, are still maintained.
- Reduced maintenance costs and downtime by maintenance-free monoblock adjusting valves and interchangeable inlet connections.

ESSEN model type	Length [mm]	Article No.	Gas service	Torch head bending [°]	Cutting thickness [mm]	Hand cutting and gouging nozzles
1625-A	530	716.06601	A	95°	3 - 300	Ring nozzle A-R and A-RS
1216-A	450	716.00712				Block nozzle A-B and NK-Block nozzle
2625-A	530	716.06802				Ring nozzle PL-RC, LPN and GRICUT 1233-PMYF
1625-PMYF	530	716.06602	PMYF		3 - 500	Block nozzle GRICUT 2280-PMY
1216-PMYF	450	716.00713				Nozzle-mix nozzle: ANME, PNME, VADURA 8317 A, GRICUT 8281-PMYF, GRICUT 8281-PM and NK 8310-A.
2625-PMYF	530	716.06801				Gouging nozzles: FAG and AGNM
8625-A/PMYF	530	716.06600	A/PMYF	180°		
8625-A/PMYF	800	716.06800				
9625-A/PMYF	800	716.06801				
8216-A/PMYF	450	716.00709	A/PMYF	95°		

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