



MER300ASC / 400ASC / 500ASC GAS COOLED ROBOTIC WELDING TORCHES MIG/MAG 300 - 500 Amp.



*These torches are characterized by the following features:*

- Simple and compact design, 100% reliable
- Technically proven, top quality, easy to maintain
- Reproducible position
- Improved operating through innovative cooling
- Swan Neck in 180 ° / 45 ° / 22,5°

### Performance Data:

Type	Maximum Current CO <sup>2</sup>	Duty Cycle CO <sup>2</sup>	Maximum Current Argon R.G.M.	Duty Cycle Argon	Wire Ø
MER300ASC	300	80%	180	80%	0.8 - 1.4 mm
MER400ASC	400	80%	260	80%	0.8 - 2.0 mm
MER500ASC	500	80%	340	80%	0.8 - 2.4 mm

### Welding Torches complete:

Type	Item no. 1.0m	Item no. 1.5m	Item no. 2.0m	Item no. 2.5m	Item no. 3.0m	Item no. 3.5m	Item no. 4.0m	Item no. 4.5m	Item no. 5.0m
MER300ASC 180°	36000	36003	36006	36009	36012	36015	36018	36021	36024
MER300ASC 45°	36001	36004	36007	36010	36013	36016	36019	36022	36025
MER300ASC 22.5°	36002	36005	36008	36011	36014	36017	36020	36023	36026
MER400ASC 180°	36200	36203	36206	36209	36212	36215	36218	36221	36224
MER400ASC 45°	36201	36204	36207	36210	36213	36216	36219	36222	36225
MER400ASC 22.5°	36202	36205	36208	36211	36214	36217	36220	36223	36226
MER500ASC 180°	36400	36403	36406	36409	36412	36415	36418	36421	36424
MER500ASC 45°	36401	36404	36407	36410	36413	36416	36419	36422	36425
MER500ASC 22.5°	36402	36405	36408	36411	36414	36417	36420	36423	36426

### Hose cable assembly complete:

Type	Item no. - 3.0m	Item no. - 3.5m	Item no. - 4.0m	Item no. - 4.5m
MER300-400-500ASC	36724	36725	36726	36727

Different lengths available upon request

To use with  
Gas Diffuser

MER300ASC	MER400ASC	MER500ASC
53105 M8	54105 M8	55105 M8
		

To use with  
Liners Hard Wire



MER300ASC / MER400ASC / MER500ASC	
57513 - 1.0m - 2.0m HT 0.8 - 1.2 blue, steel wire	57516 - 1.0m - 2.0m HT 1.2- 1.4 grey, steel wire
57514 - 2.5m - 3.5m HT 0.8 - 1.2 blue, steel wire	57517 - 2.5m - 3.5m HT 1.2- 1.4 grey, steel wire
57515 - 4.0m - 5.0m HT 0.8 - 1.2 blue, steel wire	57518 - 4.0m - 5.0m HT 1.2- 1.4 grey, steel wire
57519 - 1.0m - 2.0m HT 1.4- 2.0 red, steel wire	
57520 - 2.5m - 3.5m HT 1.4- 2.0 red, steel wire	
57521 - 4.0m - 5.0m HT 1.4- 2.0 red, steel wire	

Liners Soft Wire



57530 - 1.0m - 2.0m S 1.0 - 1.2 blue, aluminium wire	57533 - 1.0m - 2.0m S 1.6 red, aluminium wire
57531 - 2.5m - 3.5m S 1.0 - 1.2 blue, aluminium wire	57534 - 2.5m - 3.5m S 1.6 red, aluminium wire
57532 - 4.0m - 5.0m S 1.0 - 1.2 blue, aluminium wire	57535 - 4.0m - 5.0m S 1.6 red, aluminium wire
57536 - 1.0m - 2.0m S 2.4 yellow, aluminium wire	
57537 - 2.5m - 3.5m S 2.4 yellow, aluminium wire	
57538 - 4.0m - 5.0m S 2.4 yellow, aluminium wire	

Type

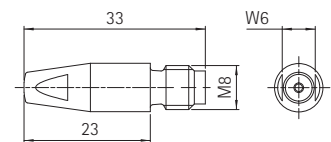
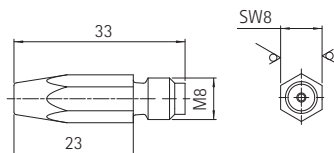
Contact Tips



Contact Tip M8 hexagonal (pure copper) MOQ = 10 pcs.	Contact Tip M8 round, copsil (copper-silver) MOQ = 10 pcs.
57800 - M8 0.8 hexagonal	57835 - M8 copsil 0.8 round
57801 - M8 0.9 hexagonal	57836 - M8 copsil 0.9 round
57802 - M8 1.0 / 0.8 aluminium hexagonal	57837 - M8 copsil 1.0 / 0.8 aluminium round
57803 - M8 1.2 / 1.0 aluminium hexagonal	57838 - M8 copsil 1.2 / 1.0 aluminium round
57804 - M8 1.4 / 1.2 aluminium hexagonal	57839 - M8 copsil 1.4 / 1.2 aluminium round
57805 - M8 1.6 / 1.4 aluminium hexagonal	57840 - M8 copsil 1.6 / 1.4 aluminium round
57806 - M8 2.0 / 1.8 aluminium hexagonal	57841 - M8 copsil 2.0 / 1.8 aluminium round
57807 - M8 2.4 hexagonal	57842 - M8 copsil 2.4 round

To use with

MER300ASC / MER400ASC / MER500ASC



		Dimensions: X / Y / Z [mm]	Distance contact tip = A	for Torches	Item no.	Description
		20 / 12.5 / 71	-3	MER300ASC	53004	Nozzle conical
		24 / 15 / 75	-0.5	MER400ASC	54003	
		24 / 15 / 75	-0.5	MER400ASC	54006	
		24 / 15 / 79	-4.5	MER400ASC	54004	
		24 / 15 / 82	-7.5	MER400ASC	54011	
		27 / 17 / 84	-8	MER500ASC	55009	
		20 / 16 / 70	-3	MER300ASC	53005	Nozzle parallel
		24 / 19.2 / 79	-4.5	MER400ASC	54007	
		27 / 22.2 / 84	-8	MER500ASC	55011	
		20 / 20 / 77.5	-9.5	MER300ASC	53006	Nozzle spot
		24 / 22 / 84	-9.5	MER400ASC	54005	
		20 / 13 / 66	+2	MER300ASC	53015	Nozzle short conical
		20 / 13 / 66	+2	MER300ASC	53003	
		27 / 18.2 / 74	+2	MER500ASC	55026	
		20 / 13.5 / 71	-3	MER300ASC	53009	Nozzle pulse H.D.
		24 / 15 / 76	-1.5	MER400ASC	54022	
		27 / 17 / 81	-5	MER500ASC	55003	
		27 / 17 / 77.5	-1.5	MER500ASC	55008	
		24 / 13 / 81	-6.5	MER400ASC	54008	Nozzle small bore
		24 / 10 / 81	-6.5	MER400ASC	54028	
		27 / 10.5 / 81	-5	MER500ASC	55005	

Distance contact tip + = contact tip is protruded  
 Distance contact tip - = contact tip is not protruded