



MECHAFIN

Welding Equipment - Swiss Quality

MER352WSC / 452WSC / 552WSC / 652WSC WATER COOLED ROBOTIC WELDING TORCHES MIG/MAG 350 - 650 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 ²	Duty Cycle CO ²	Maximum Current Argon R.G.M.	Duty Cycle Argon	Wire Ø
MER352WSC	350	100%	230	100%	0.8 - 2.0 mm
MER452WSC	450	100%	310	100%	0.8 - 2.4 mm
MER555WSC	550	100%	380	100%	0.8 - 2.8 mm
MER652WSC	650	100%	400	100%	0.8 - 3.2 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
MER352WSC 180°	36100	36103	36106	36109	36112	36115	36118	36121	36124
MER352WSC 45°	36101	36104	36107	36110	36113	36116	36119	36122	36125
MER352WSC 22.5°	36102	36105	36108	36111	36114	36117	36120	36123	36126
MER452WSC 180°	36300	36303	36306	36309	36312	36315	36318	36321	36324
MER452WSC 45°	36301	36304	36307	36310	36313	36316	36319	36322	36325
MER452WSC 22.5°	36302	36305	36308	36311	36314	36317	36320	36323	36326
MER555WSC 180°	100850	100853	100856	100859	100862	100865	100868	100871	100874
MER555WSC 45°	100851	100854	100857	100860	100863	100866	100869	100872	100875
MER555WSC 22.5°	100852	100855	100858	100861	100864	100867	100870	100873	100876
MER652WSC 180°	100260	100263	100266	100269	100272	100275	100278	100281	100284
MER652WSC 45°	100261	100264	100267	100270	100273	100276	100279	100282	100285
MER652WSC 22.5°	100262	100265	100268	100271	100274	100277	100280	100283	100286

Hose cable assembly complete:

Type	Item no. - 3.0m	Item no. - 3.5m	Item no. - 4.0m	Item no. - 4.5m
MER352-452-552-652WSC	36704	36705	36706	36707

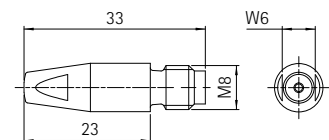
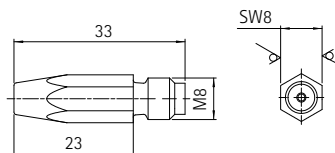
Different lengths available upon request


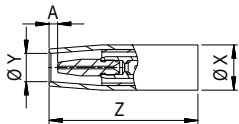

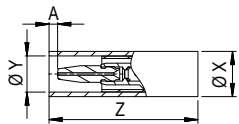

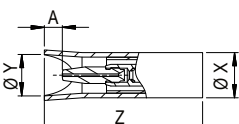

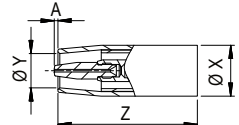

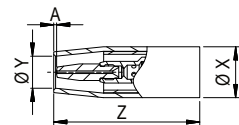

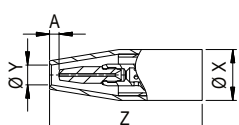

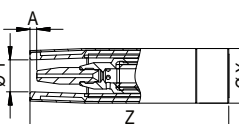
To use with Gas Diffuser	MER352WSC	MER452WSC	MER552WSC	MER652WSC
	53311 M8	54175 M8	55086 M8	100229 M8

To use with Liners Hard Wire	MER352WSC / MER452WSC / MER552WSC / MER652WSC			
	57513 - 1.0m - 2.0m HT 0.8 - 1.2 blue, steel wire	57514 - 2.5m - 3.5m HT 0.8 - 1.2 blue, steel wire	57515 - 4.0m - 5.0m HT 0.8 - 1.2 blue, steel wire	57516 - 1.0m - 2.0m 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	57517 - 2.5m - 3.5m HT 1.2- 1.4 grey, steel wire
				57518 - 4.0m - 5.0m HT 1.2- 1.4 grey, steel wire

Liners Soft Wire	57530 - 1.0m - 2.0m S 1.0 - 1.2 blue, aluminium wire	57531 - 2.5m - 3.5m S 1.0 - 1.2 blue, aluminium wire	57532 - 4.0m - 5.0m S 1.0 - 1.2 blue, aluminium wire	57533 - 1.0m - 2.0m 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	57534 - 2.5m - 3.5m S 1.6 red, aluminium wire
				57535 - 4.0m - 5.0m S 1.6 red, aluminium wire

Type	Contact Tip M8 hexagonal (pure copper) MOQ = 10 pcs.	Contact Tip M8 round, cospil (copper-silver) MOQ = 10 pcs.
Contact Tips	57800 - M8 0.8 hexagonal	57835 - M8 cospil 0.8 round
	57801 - M8 0.9 hexagonal	57836 - M8 cospil 0.9 round
	57802 - M8 1.0 / 0.8 aluminium hexagonal	57837 - M8 cospil 1.0 / 0.8 aluminium round
	57803 - M8 1.2 / 1.0 aluminium hexagonal	57838 - M8 cospil 1.2 / 1.0 aluminium round
To use with	57804 - M8 1.4 / 1.2 aluminium hexagonal	57839 - M8 cospil 1.4 / 1.2 aluminium round
	57805 - M8 1.6 / 1.4 aluminium hexagonal	57840 - M8 cospil 1.6 / 1.4 aluminium round
	57806 - M8 2.0 / 1.8 aluminium hexagonal	57841 - M8 cospil 2.0 / 1.8 aluminium round
	57807 - M8 2.4 hexagonal	57842 - M8 cospil 2.4 round
	MER352WSC / MER452WSC / MER552WSC / MER652WSC	



		Dimensions: X / Y / Z [mm]	Distance contact tip = A	for Torches	Item no.	Description
		21 / 12.5 / 71	-3	MER352WSC	53004	Nozzle conical
		24 / 15 / 75	-0.5	MER452WSC	54003	
		24 / 15 / 75	-0.5	MER452WSC	54006	
		24 / 15 / 79	-4.5	MER452WSC	54004	
		24 / 15 / 82	-7.5	MER452WSC	54011	
		27 / 17 / 84	-8	MER552WSC	55009	
		21 / 16 / 70	-3	MER352WSC	53005	Nozzle parallel
		24 / 19.2 / 79	-4.5	MER452WSC	54007	
		27 / 22.2 / 84	-8	MER552WSC	55011	
		21 / 20 / 77.5	-9.5	MER352WSC	53006	Nozzle spot
		24 / 22 / 84	-9.5	MER452WSC	54005	
		21 / 13 / 66	+2	MER352WSC	53015	Nozzle short conical
		21 / 13 / 66	+2	MER352WSC	53003	
		27 / 18.2 / 74	+2	MER552WSC	55026	
		21 / 13.5 / 71	-3	MER352WSC	53009	Nozzle pulse H.D.
		24 / 15 / 76	-1.5	MER452WSC	54022	
		27 / 17 / 81	-5	MER552WSC	55003	
		27 / 17 / 77.5	-1.5	MER552WSC	55008	
		24 / 13 / 81	-6.5	MER452WSC	54008	Nozzle small bore
		24 / 10 / 81	-6.5	MER452WSC	54028	
		27 / 10.5 / 81	-5	MER552WSC	55005	
		29 / 17 / 105	-5.5	MER652WSC	100244	Nozzle standard

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

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