



MECHAFIN

Welding Equipment - Swiss Quality

MEA301A / 401A / 501A GAS COOLED AUTOMATIC 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 ²	Duty Cycle CO ²	Maximum Current Argon R.G.M.	Duty Cycle Argon	Wire Ø
MEA301A	300	60%	180	60%	0.8 - 1.4 mm
MEA401A	400	60%	260	60%	0.8 - 2.0 mm
MEA501A	500	60%	340	60%	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
MEA301A 180°	59045	59048	59051	59054	59057	59060	59063	59066	59069
MEA301A 45°	59046	59049	59052	59055	59058	59061	59064	59067	59070
MEA301A 22.5°	59047	59050	59053	59056	59059	59062	59065	59068	59071
MEA401A 180°	59370	59373	59376	59379	59382	59385	59388	59391	59394
MEA401A 45°	59371	59374	59377	59380	59383	59386	59389	59392	59395
MEA401A 22.5°	59372	59375	59378	59381	59384	59387	59390	59393	59396
MEA501A 180°	59710	59713	59716	59719	59722	59725	59728	59731	59734
MEA501A 45°	59711	59714	59717	59720	59723	59726	59729	59732	59735
MEA501A 22.5°	59712	59715	59718	59721	59724	59727	59730	59733	59736

Different lengths available upon request

To use with
Gas Diffuser

MEA301A	MEA401A	MEA501A
53002 M6 53004 M8	54004 M8	55002 M8

To use with
Liners Hard Wire



MEA301A / MEA401A / MEA501A	
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	

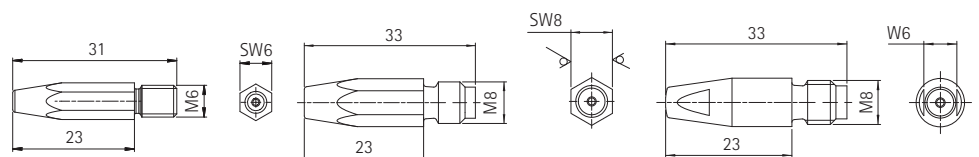
Type


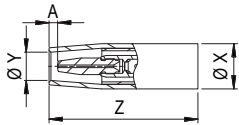

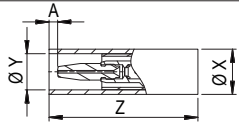

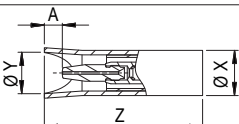

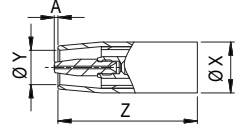

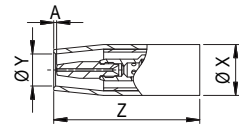

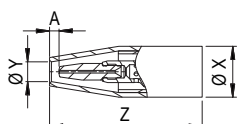
Contact Tips



Contact Tip M6 hexagonal (pure copper) MOQ = 10 pcs.	Contact Tip M8 hexagonal (pure copper) MOQ = 10 pcs.	Contact Tip M8 round, copsil (copper-silver) MOQ = 10 pcs.
57600 - M6 0.6 hexagonal	57800 - M8 0.8 hexagonal	57835 - M8 copsil 0.8 round
57601 - M6 0.8 hexagonal	57801 - M8 0.9 hexagonal	57836 - M8 copsil 0.9 round
57602 - M6 0.9 hexagonal	57802 - M8 1.0 / 0.8 aluminium hexagonal	57837 - M8 copsil 1.0 / 0.8 aluminium round
57603 - M6 1.0 / 0.8 aluminium hexagonal	57803 - M8 1.2 / 1.0 aluminium hexagonal	57838 - M8 copsil 1.2 / 1.0 aluminium round
57604 - M6 1.2 / 1.0 aluminium hexagonal	57804 - M8 1.4 / 1.2 aluminium hexagonal	57839 - M8 copsil 1.4 / 1.2 aluminium round
57605 - M6 1.4 / 1.2 aluminium hexagonal	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
MEA301A	MEA301A / MEA401A / MEA501A	

To use with



		Dimensions: X / Y / Z [mm]	Distance contact tip = A	for Torches	Item no.	Description
 		21 / 12.5 / 71	-3	MEA301A	53004	Nozzle conical
		24 / 15 / 75	-0.5	MEA401A	54003	
		24 / 15 / 75	-0.5	MEA401A	54006	
		24 / 15 / 79	-4.5	MEA401A	54004	
		24 / 15 / 82	-7.5	MEA401A	54011	
		27 / 17 / 84	-8	MEA501A	55009	
 		21 / 16 / 70	-3	MEA301A	53005	Nozzle parallel
		24 / 19.2 / 79	-4.5	MEA401A	54007	
		27 / 22.2 / 84	-8	MEA501A	55011	
 		21 / 20 / 77.5	-9.5	MEA301A	53006	Nozzle spot
		24 / 22 / 84	-9.5	MEA401A	54005	
 		21 / 13 / 66	+2	MEA301A	53015	Nozzle short conical
		21 / 13 / 66	+2	MEA301A	53003	
		27 / 18.2 / 74	+2	MEA501A	55026	
 		21 / 13.5 / 71	-3	MEA301A	53009	Nozzle pulse H.D.
		24 / 15 / 76	-1.5	MEA401A	54022	
		27 / 17 / 81	-5	MEA501A	55003	
		27 / 17 / 77.5	-1.5	MEA501A	55008	
 		24 / 13 / 81	-6.5	MEA401A	54008	Nozzle small bore
		24 / 10 / 81	-6.5	MEA401A	54028	
		27 / 10.5 / 81	-5	MEA501A	55005	

Distance contact tip + = contact tip is protruded

Distance contact tip - = contact tip is not protruded