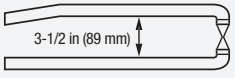


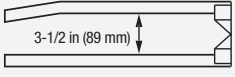

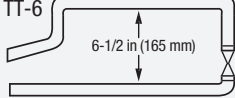


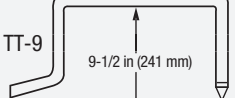


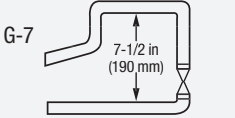






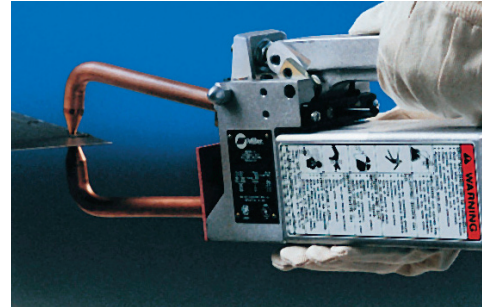


MSW and LMSW Series Tongs and Tips

Tongs	6 in (152 mm)	12 in (305 mm)	18 in (457 mm)	Tips
Standard 	040 197	040 198	040 199	Standard 040 211  Flat 040 212 
MO Offset 	040 200	040 201	040 202	MO Offset 040 215 
TT-6 	—	040 203	040 204	Standard 040 211  Flat 040 212 
TT-9 	—	040 205	040 206	Standard 040 211  Flat 040 212 
G-7 	8 in (203 mm) 040 207			Standard 040 211  Flat 040 212 
FF 	8 in (203 mm) 040 208			FF 040 213 
FH 	5 in (127 mm) 040 209			FH 040 214 

For your added convenience, spot welder tongs and tips can now be ordered through the Miller Service Parts business for use with the following models:

- MSW-41, MSW-41T, MSW-42, MSW-42T, LMSW-52 and LMSW-52T

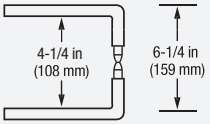
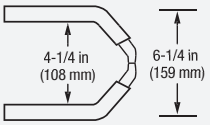
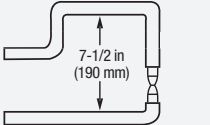
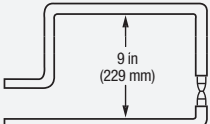
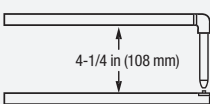


Gyro Bail #041 979
Supports the weight of the welder. Operates with boom and counterweight or from spring-loaded cable. Spot welds in any position.








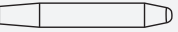




Important Ordering Information

- To determine the correct tong reorder length, measure exposed tong length when installed in spot welder.
Removed tongs measure 2 inches longer than the listed chart length. For correct reorder length, deduct 2 inches from the removed tong.
- One set of tips is supplied with each set of tongs.
- Maximum welding capabilities are obtained with minimum tong length.
- Tips are made of RWMA Class 2 Alloy.

PSW and SSW Series Tongs

	Description	6 in (152 mm)	12 in (305 mm)	18 in (457 mm)	Tips Included
	Standard 90° No. 1 MT No. 2 MT	040 218 —	040 219 —	040 220 041 001	040 223 040 308
	Standard 45° No. 1 MT No. 2 MT	— —	041 004 —	041 005 (N/A) 040 296	040 851 040 225
	TT-6W No. 2 MT	—	—	041 838	040 308
	TT-9W No. 2 MT	—	—	041 840	040 308
	SW-12	—	071 465 (N/A)	—	No. 1 Pointed 071 466 Top Flat Threaded 071 467 Bottom

PSW and SSW Series Tips

	Description	Part #	Quantity	Where Used
	No. 1 MT (Pointed)	040 223	2 tips	Standard 90° No. 1 Tongs
	No. 1 MT (Offset)	040 224	2 tips	Standard 90° No. 1 Tongs
	No. 2 MT (Pointed)	040 308	2 tips	Standard 90° No. 2 Tongs, TT-6W Tongs, TT-9W Tongs
	No. 1 MT (Offset)	040 851	2 tips	Standard 45° No. 1 Tongs
	No. 1 MT (Offset)	040 226	2 tips	Standard 90° No. 1 Tongs
	No. 1 MT (Offset)	040 298	2 tips	Standard 90° No. 1 Tongs
	No. 2 MT (Offset)	040 225	2 tips	Standard 45° No. 2 Tongs
	No. 1 MT (Pointed)	071 466	1 tip for top tong	SW-12 Tongs
	Threaded (Flat)	071 343	1 tip for bottom tong	SW-12 Tongs (Optional)
	Threaded (Flat)	071 467	1 tip for bottom tong	SW-12 Tongs
	No. 1 MT (Flat Swivel Tip)	040 216	2 tips	Standard 90° No. 1 Tongs
	Adapter (Adapts No. 1 Morse Taper Tip to No. 2 Receptacle)	040 227	2 adapters	Standard 90° No. 2 Tongs, TT-6W Tongs (Top), TT-9W Tongs (Top)

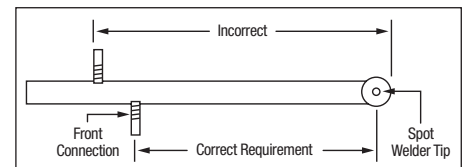
For your added convenience, spot welder tongs and tips can now be ordered through the Miller Service Parts business for use with the following models:

- PSW-1020 ATT and PSW-2020 ATT
- SSW-1020 ATT, SSW-2020 ATT and SSW-2040 ATT



Important Ordering Information

- To determine the correct tong reorder length, measure from the center of the spot weld tip back to the front water hose connection.



- Tongs and tips shown to the left can be used with all PSW and SSW model spot welders. Recommended maximum tong length is 18 in (457 mm). A limited group of special tongs are available, contact Miller Service Parts.
- Tong throat-height dimension for standard 90° and 45° tongs is 4-1/4 in (108 mm). Throat length is measured from the center of the spot tips to the front water hose connection on the tong.
- One set of tips is supplied with each set of tongs.
- Tips are made of RWMA Class 2 alloy.
- Maximum welding capabilities are obtained with minimum tong length.
- MT = Morse Taper
No. 1 Morse Taper diameter = 1/2 inch
No. 2 Morse Taper diameter = 5/8 inch