



# Water-Cooled MIG Barrels

Robotic Machine Barrels

D/F MACHINE SPECIALTIES  
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## WATER-COOLED REMOTE MOUNT MIG BARRELS

The 500 amp Water-Cooled Remote Mount MIG Barrels have similar features designed to function efficiently on various applications and use slip-in tips or threaded tips respectively. The models NCM-A/HTM-A are remote barrels and have high capacity (Series A) gas nozzles (11/16" to 1" ID) for hard, cored and aluminum wire jobs. Throughout the years, Pandjiris has used D/F Machine Specialties MIG and TIG barrels exclusively. The typical Pandjiris® cell would include these D/F barrels mounted on manipulators, side beams, slides, and positioners.

### MODEL EXPLANATION

- NCM - Normal Duty, Collet Action (Slip-In Tip), Machine Barrel
- NCM-A - Normal Duty, Collet Action (Slip-In Tip), Machine Barrel, Series A High Capacity
- HTM - Heavy Duty, Threaded Tip, Machine Barrel
- HTM-A - Heavy Duty, Threaded Tip, Machine Barrel, Series A High Capacity

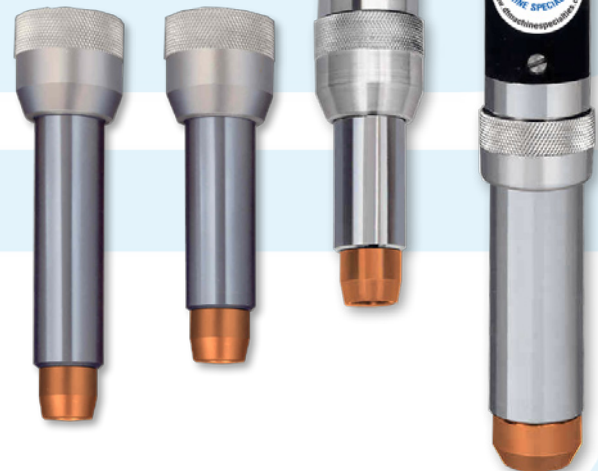
### FEATURES

- Water-Cooled Inner Body & Nozzle
- Small Frontal Area for Hard-to-Reach Locations (NCM & HTM)
- Large Frontal Area for Increased Gas Coverage (NCM-A & HTM-A)
- Nozzle Length Extended by Adding One of Three (3) Different Length W/C Nozzle Assemblies



### ORDERING INFORMATION (Complete Assemblies)

DESCRIPTION	CODE NO. FOR SELECTION OF AVAILABLE LENGTHS									
	3 Ft.	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	10 Ft.	12 Ft.	15 Ft.	
<b>Model NCM (Slip-In Tip)</b>										
Short 3" W/C Nozzle	11731	11741	11747	11737	11774	11764	11703	11709	11715	
Inter. 4" W/C Nozzle	11732	11742	11748	11738	11775	11765	11704	11710	11716	
Long 5" W/C Nozzle	11733	11743	11749	11739	11776	11766	11705	11711	11717	
<b>Model HTM (Threaded)</b>										
Short 3" W/C Nozzle	11734	11744	11754	11757	11777	11767	11706	11712	11718	
Inter. 4" W/C Nozzle	11735	11745	11755	11758	11778	11768	11707	11713	11719	
Long 5" W/C Nozzle	11736	11746	11756	11759	11779	11769	11708	11714	11720	
<b>Model NCM-A (Slip-In Tip)</b>										
Inter. 4" Series-A W/C Nozzle	14957	14958	14959	14960	14961	14962	14963	14964	14965	
<b>Model HTM-A (Threaded Tip)</b>										
Inter. 4" Series-A W/C Nozzle	14977	14978	14979	14980	14981	14982	14983	14984	14985	



### MODEL SPECIFICATIONS - CONTINUOUS DUTY CYCLE

Model	Current Capacity	Lgth. w/ 3" Noz.	Lgth. w/ 4" Noz.	Lgth. w/ 5" Noz.	Body Dia.	Weight (approx.)	Cooling Required	Recommended Wire Diameter Range	Instruction Manual
NCM, NCM-A	400 amp	9.25"	10.25"	11.25"	1.625"	2.5 lbs.	5 pints/min	.030"-3/32" Hard/Cored 3/64"-3/32" AL	551WM (NCM) 575-578WM (NCM-A)
HTM, HTM-A	500 amp	9.25"	10.25"	11.25"	1.625"	2.5 lbs.	5 pints/min		551WM (HTM) 575-578WM (HTM-A)

