

D/F MACHINE SPECIALTIES, INC.

"MIG" AND "TIG" WELDING TOOLS

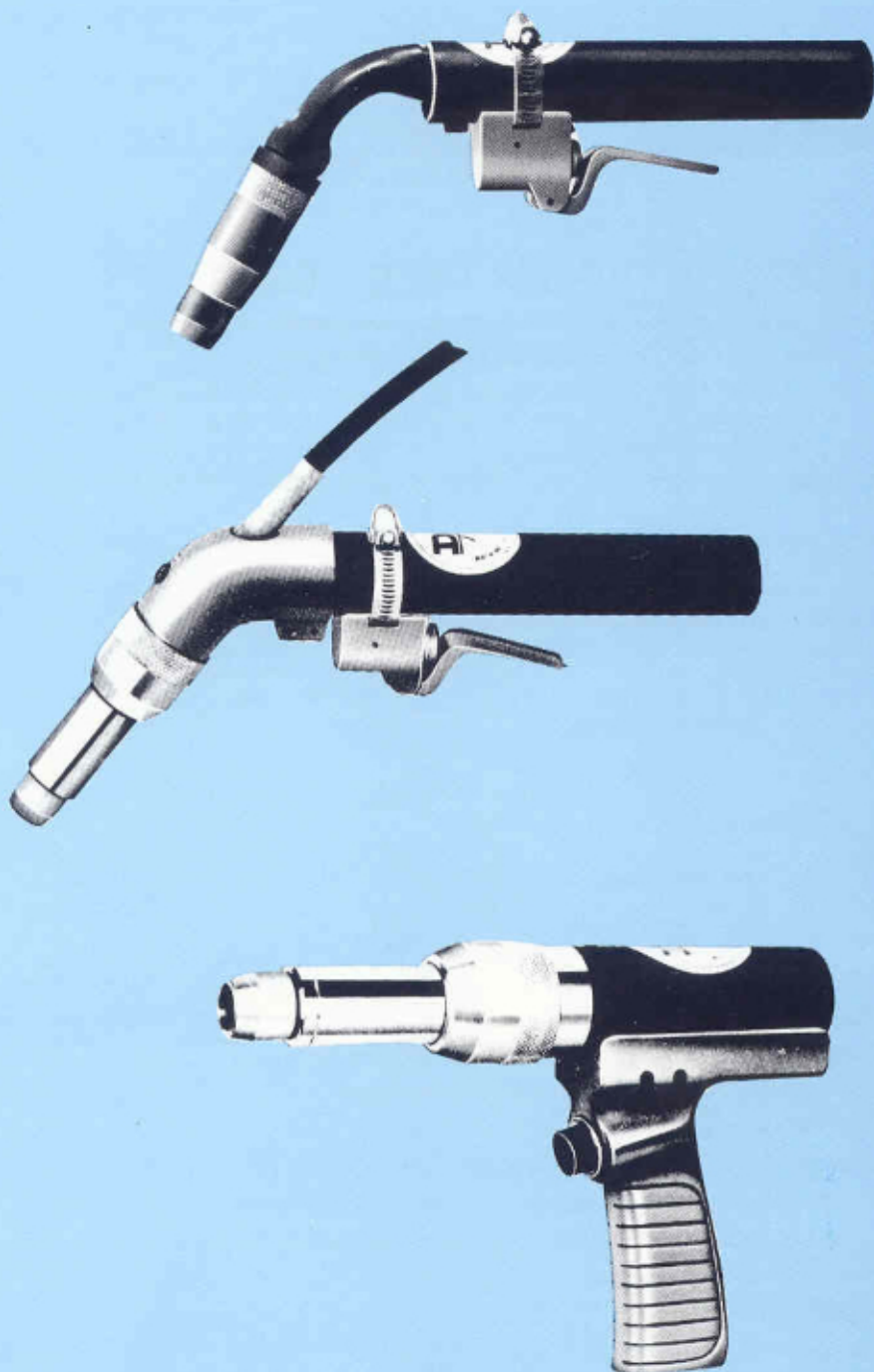
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**MANUAL
WELDING**



MIG

**WELDING
PRODUCTS**



D/F Machine Specialties, Inc. offers several types of manual air or water cooled "MIG" welding tools. This catalog is a guide to help you select the right tool for the job—see D/F Catalog 912-88 for Mechanized and Robotic "TIG" or "MIG" Welding Products.

The following is only a partial listing of available manual guns. For further information on special "MIG" requirements, please consult the factory.



FEATURES OF THE D/F "MIG" GUNS

- **Simple conversion** to cover the change to various wire diameter requirements.
- **Lower maintenance** costs are realized by simplicity of design.
- **Water cooled** equipment is effectively cooled by its design of water cooled nozzle and inner body. It offers the ability to make water cooled nozzle length changes for specific application requirements.
- **Interchangeability of parts**—common to the water cooled equipment as well as the air cooled equipment.
- **Optional configurations** which are not included in this catalog are available for specific needs.
 - Bent nozzle and current tips
 - Special length water cooled nozzles (most models)
 - Special handles and current tips
 - Switches for dual mode
 - Optional cable/hose sheath
 - Quick disconnect utility station

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PISTOL GRIP GUNS (WATER OR AIR COOLED)



The DIF pistol grip gun offers a design with complete interchangeability of nozzle lengths for manual "MIG" welding, using .030" through 7/64" diameter wires. The guns may be adapted to spot or continuous fusion welding.

MODEL EXPLANATION

NC—Normal duty Pistol, Collet action (slip-in current tip) Water cooled

HT—Heavy-duty Pistol, Threaded current tip, Water cooled

FEATURES

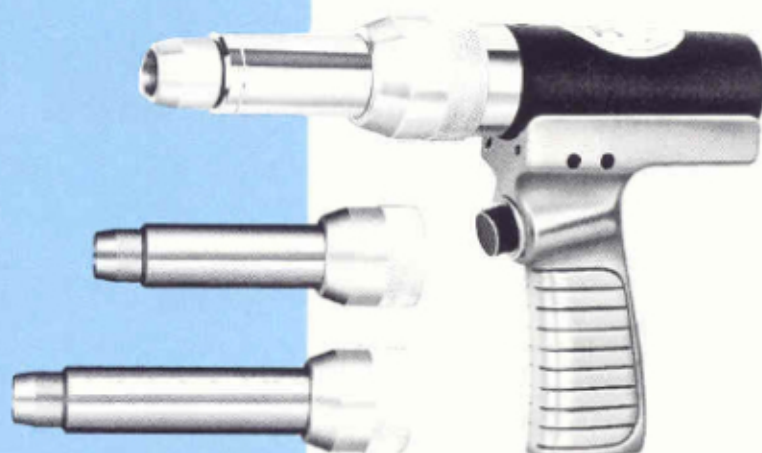
- Water cooled inner body and nozzle
- NCS—Optional directly cooled spot nozzle
- Small frontal area for hard-to-reach locations
- Nozzle length may be extended by applying either of three (3) different length water cooled nozzle assemblies
- Quick-disconnect available

HT/NC SPECIFICATIONS

Current Capacity	Recommended Wire Dia. Range
HT Series 600 amp	HT030"-.062" Hard
NC Series 450 amp	NC045"-7/64" Cored
Gun Dimensions	NC030"-.062" Hard
Overall length with	3/64"-3/32" Aluminum
3" nozzle 9.250"	Weight (approx.)
4" nozzle 10.250"	without services 2.5 lbs.
5" nozzle 11.250"	Cooling Required 5 pints/min.
Dia. of body housing 1.625"	

ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model HT (Threaded Tip)			
Water Cooled Nozzle Option			
Short 3" Water Cooled Nozzle	11261	11266	11271
Inter. 4" Water Cooled Nozzle	11262	11267	11272
Long 5" Water Cooled Nozzle	11263	11268	11273
Model NC (Slip-In Tip)			
Water Cooled Nozzle Option			
Short 3" Water Cooled Nozzle	11231	11236	11251
Inter. 4" Water Cooled Nozzle	11233	11237	11252
Long 5" Water Cooled Nozzle	11234	11238	11253



ORDERING INFORMATION (ALUMINUM WELDING GUNS)

DESCRIPTION	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model NC (Slip-In Tip)			
Water Cooled Nozzle Inter. 4"	11286	11287	11288
Model NC (Slip-In Tip)			
Water Cooled Nozzle Inter. 4"	11305	11306	11307
High Capacity—Requires Gas Nozzle			
Model NC (Slip-In Tip)			
Water Cooled Nozzle Inter. 4"	11302	11303	11304
High Capacity—No Gas Nozzle			

The air cooled pistol grip gun comes completely assembled and can be fitted with various nozzle combinations to suit different welding situations. The power cable, electrical and gas services are replaceable. Wire casings are either single piece type primarily for cored wire or those with flexible (2 piece) casing and liner combinations for hard and soft wires.

MODEL EXPLANATION

PAC—Pistol, Air cooled Collet action (slip-in current tip)

PAT—Pistol, Air cooled Threaded current tip

PAC/PAT SPECIFICATIONS

Current Capacity 400 amp CO ₂
Gun Dimensions
Overall length 12.875"
Diameter of body housing 1.625"
Recommended Wire Diameter Range
PAC030"-.062" Hard
3/64"-.062" Aluminum
PAT030"-.062" Hard
.045"-5/64" Cored
Weight (approx.)—without services 2.5 lbs.

ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model PAC (Slip-In Tip)			
Nozzle Body 13197 No. 2 Cable	17788	17789	17790
Nozzle Body 13197 1/0 Cable	17791	17792	17793
Model PAT (Threaded Tip)			
Nozzle Body 13197 No. 2 Cable	17773	17774	17775
Nozzle Body 13197 1/0 Cable	17776	17777	17778



QUICK-DISCONNECT WATER COOLED CURVED GUNS



The CCW/CTW Q.D. series have the same specifications as those listed at the top of page 4. The addition of the quick disconnect utility station shown below allows the removal or replacement of the gun assembly with a minimum of down time.

MODEL EXPLANATION

CTW-QD—Curved, Threaded current tip, Water cooled (dry type nozzle), Quick disconnect utility station

CCW-QD—Curved, Collet action (slip-in current tip), Water cooled (dry type nozzle), Quick disconnect utility station



ORDERING INFORMATION

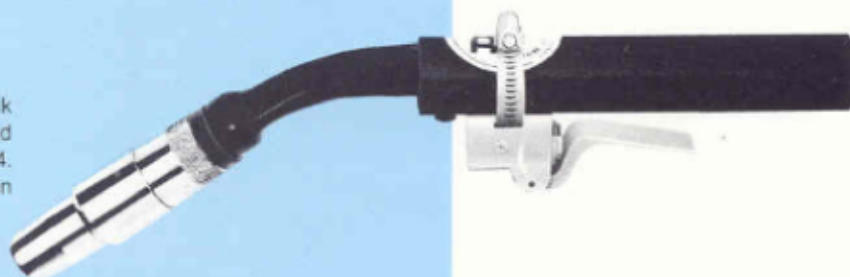
DESCRIPTION	CODE NO.		
	10 Ft. Casing 12 Ft. Services	12 Ft. Casing 14 Ft. Services	15 Ft. Casing 17 Ft. Services
Equipped with 13198 nozzle body	15416	15417	15418
Equipped with 13197 nozzle body	15410	15411	15412
Equipped with 16384 nozzle body	15419	15420	15421

The CW-T/CW-C Q.D. flux cored gun series with quick disconnect utility station has the same features and specifications as those listed on the bottom of page 4. Optional gas nozzles and nozzle bodies can be found on page 10.

MODEL EXPLANATION

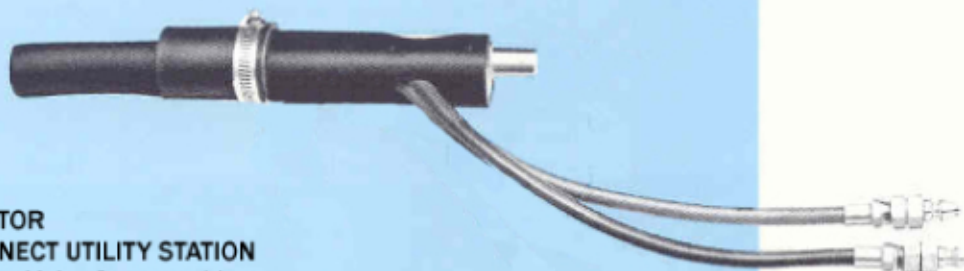
CW-T-QD—Curved, Water cooled (dry type nozzle), Threaded current tip, Quick Disconnect utility station

CW-C-QD—Curved, Water cooled (dry type nozzle), Collet action (slip-in current tip), Quick Disconnect utility station



ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing 12 Ft. Services	12 Ft. Casing 14 Ft. Services	15 Ft. Casing 17 Ft. Services
Equipped with 13196 nozzle body	15456	15457	15458



**EURO-CONNECTOR
QUICK-DISCONNECT UTILITY STATION**
Feeder adapter and inlet—See page 11



WATER COOLED CURVED GUNS



The HTC/NCC curved "MIG" gun assemblies utilize the same forward nozzle/gas nozzle assemblies and features of the pistol grip. This allows a flexible and low inventory of replacement parts due to interchangeability of these models using .035" through 7/64" diameter wire. The trigger switch assembly is the momentary contact type positionable where desired on the gun.

FEATURES

- **Durability**—(closed water system) water cooled inner body and nozzle
- **Accessibility**—three nozzle lengths; in-line services
- **Flexibility**—Lightweight; flexible service lines; swivel casing; optional protective sheath

MODEL EXPLANATION

HTC—Heavy-duty, Threaded current tip, Curved gun

NCC—Normal duty, Collet action (slip-in current tip), Curved gun

HTC/NCC SPECIFICATIONS

Current Capacity	
HTC Series	600 amp
NCC Series	450 amp
Gun Dimensions	
Overall length with 3" nozzle	9.250"
4" nozzle	10.250"
5" nozzle	11.250"
Gun Angle	.55 degree curved elbow
Diameter of handle	1.500"
Nozzle to elbow clearance with 3" nozzle (approx.)	6.250"
Recommended Wire Diameter Range	
HTC	.030"-.062" Hard 5/64"-7/64" Cored
NCC	.030"-.062" Hard 3/64"-3/32" Aluminum
Weight (approx.) without services	2.2 lbs.
Cooling Required	3 quarts/minute

ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model HTC (Threaded Tip)			
Water Cooled Nozzle Option			
Short 3" Water Cooled Nozzle	11411	11417	11421
Inter. 4" Water Cooled Nozzle	11412	11418	11422
Long 5" Water Cooled Nozzle	11413	11419	11423
Model NCC (Slip-In Tip)			
Water Cooled Nozzle Option			
Short 3" Water Cooled Nozzle	11391	11396	11401
Inter. 4" Water Cooled Nozzle	11392	11397	11402
Long 5" Water Cooled Nozzle	11393	11398	11403

WATER COOLED CURVED GUNS—EXTERNAL CASING



The models HTC-E/NCC-E and HTC/NCC (page 6), curved water cooled welding guns, share similar design features, except the HTC-E/NCC-E (external casing) use an axial alignment of the casing to reduce wire feed pressure and improve current tip life. Gun assembly with extended handle available for overlay applications and steel casting repairs.

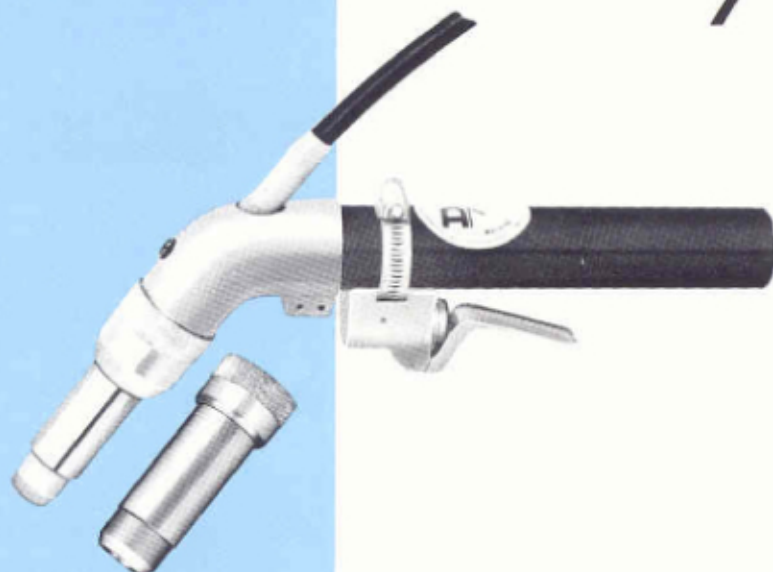
MODEL EXPLANATION

HTC-E—Heavy-duty, Threaded current tip, Curved gun, External casing

NCC-E—Normal duty, Collet action (slip-in current tip), Curved gun, External casing

HTCE-A—Heavy-duty, Threaded current tip, Curved gun, External casing, High Capacity Water Cooled Nozzle

NCCE-A—Normal duty, Collet action (slip-in current tip), Curved gun, External casing, High Capacity Water Cooled Nozzle



ORDERING INFORMATION

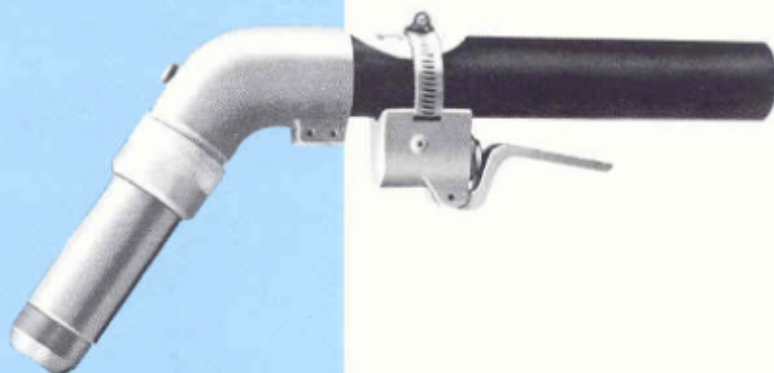
DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model HTC-E			
Water Cooled Nozzle Option			
Short 3" Water Cooled Nozzle	15329	15332	15335
Inter. 4" Water Cooled Nozzle	15330	15333	15336
Long 5" Water Cooled Nozzle	15331	15334	15337
Model NCC-E (Slip-In Tip)			
Water Cooled Nozzle Option			
Short 3" Water Cooled Nozzle	15356	15359	15362
Inter. 4" Water Cooled Nozzle	15357	15360	15363
Long 5" Water Cooled Nozzle	15358	15361	15364
High Capacity Nozzle			
Model HTCE-A (Threaded Tip)			
Water Cooled Nozzle 11142	17224	17225	17226
3" with replaceable threaded gas nozzle			
Model NCCE-A (Slip-In Tip)			
Water Cooled Nozzle 11142	17233	17234	17235
3" with replaceable threaded gas nozzle			

The model HTC-A/NCC-A guns are curved, providing water cooled nozzles that accommodate gas nozzles 11/16" through 15/16" I.D. for hard, cored and aluminum wire applications.

MODEL EXPLANATION

HTC-A—Heavy-duty, Threaded current tip, Curved, (A) High capacity nozzle

NCC-A—Normal duty, Collet action (slip-in current tip), Curved, (A) High capacity nozzle

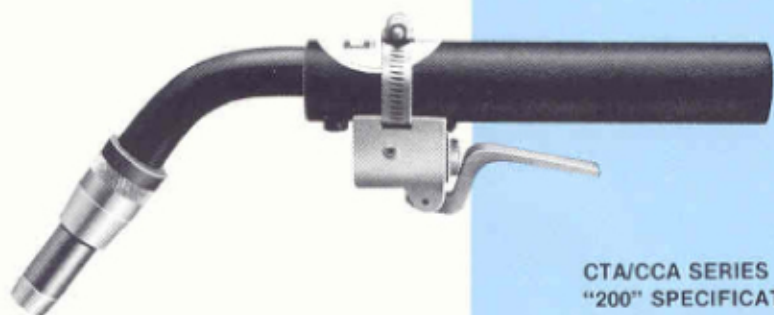


ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
High Capacity Nozzle			
Model HTC-A (Threaded Tip)			
Water Cooled 3" Nozzle (11142) with replaceable threaded gas nozzle	17400	17401	17402
Model NCC-A (Slip-In Tip)			
Water Cooled 3" Nozzle (11142) with replaceable threaded gas nozzle	17403	17404	17405



AIR COOLED CURVED GUNS



The air cooled CTA/CCA series curved gun configurations come pre-assembled and ready to install. All models feature individual replaceable service connections. Optional cable/hose protector sheath is available.

MODEL EXPLANATION

CTA—Curved 55°, Air cooled, Threaded current tip

CCA—Curved, Air cooled, Collet action
(slip-in current tip)

CTA/CCA SERIES "200" SPECIFICATIONS

Current Capacity 300 amp CO₂
200 amp Argon

Gun Dimensions
Length 13.125"
Gun angle 55 degree curved body
Nozzle to body tube clearance 5.375"
Recommended Wire Diameter
Range030"-.062" Hard
Weight (approx.) 1.8 lbs.

CTA/CCA SERIES "400" SPECIFICATIONS

Current Capacity 400 amp CO₂
275 amp Argon

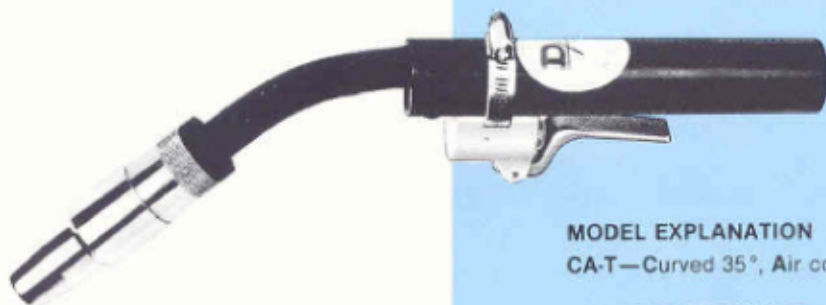
Gun Dimensions
Length 13.125"
Gun angle 55 degree curved body
Nozzle to body tube clearance 5.375"
Recommended Wire Diameter
Range030"-.062" Hard
Weight (approx.) 1.8 lbs.

ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model CTA/CCA—Series "200" No. 2 Cable			
Equipped with 13197 nozzle body	15559	15561	15563
Equipped with 13198 nozzle body	15560	15562	15564
Equipped with 16384 nozzle body	15555	15556	15557

ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model CTA/CCA—Series "400" 1/0 Cable			
Equipped with 13197 nozzle body	15570	15572	15574
Equipped with 13198 nozzle body	15571	15573	15575
Equipped with 16384 nozzle body	15576	15577	15578



The heavy-duty flux cored model CA-T gun assembly is similar in design to the CTA series above. See model explanation below.

MODEL EXPLANATION

CA-T—Curved 35°, Air cooled, Threaded current tip

CA-T SPECIFICATIONS

Current Capacity 500 amp CO₂
350 amp Argon

Gun Dimensions
Length 14.375"
Gun angle 35 degree curved body
Nozzle to body tube clearance 5.500"
Recommended Wire Diameter Range035"-.062" Hard
.045"-.125" Cored
Weight (approx.) 2.2 lbs.

ORDERING INFORMATION

DESCRIPTION	CODE NO.		
	10 Ft. Casing	12 Ft. Casing	15 Ft. Casing
Model CA-T			
Equipped with 13196 nozzle body	15470	15471	15472

REPLACEMENT CURRENT TIPS



CURRENT TIPS—1/4" DIAMETER SLIP-IN

GUN OR BARREL MODEL	WIRE SIZE	WIRE TYPE	CODE NO.
ALL NCC, NCM	.030"	Hard	10787
	.035"	Hard	10788
	.045"	Hard	10789
	.052"	Hard	10830
	1/16"	Hard	10790
	3/64"	Aluminum	10781
	1/16"	Aluminum	10782
	3/32"	Aluminum	10783

CURRENT TIPS—5/16" DIAMETER SLIP-IN

GUN OR BARREL MODEL	WIRE SIZE	WIRE TYPE	CODE NO.
ALL NCC, NCM (Tip provides 1/8" set back)	.030"	Hard	10883
	.035"	Hard	10884
	.045"	Hard	10885
	.052"	Hard	10886
	1/16"	Hard	10887
	5/64"	Hard	10888
	3/32"	Hard	10889
(Tip provides 3/8" set back)	.035"	Cored	10893
	.045"	Cored	10894
	.052"	Cored	10895
	1/16"	Cored	10896
	5/64"	Cored	10897
	3/32"	Cored	10898
	7/64"	Cored	10899
(Tip provides 1/8" set back)	3/64"	Soft	10902
	1/16"	Soft	10903
	3/32"	Soft	10904

CURRENT TIPS—7/16" DIAMETER THREADED

GUN OR BARREL MODEL	WIRE SIZE	WIRE TYPE	CODE NO.
ALL HTC, HTM, CTW, CW-T, MTW (Tip provides 1/8" set back)	.035"	Hard SS	15116
	.045"	Hard SS	15117
	.052"	Hard SS	15121
	1/16"	Hard SS	15118
	5/64"	Hard SS	15119
	3/32"	Hard SS	15120
(Tip provides 3/8" set back)	.045"	Cored	15106
	1/16"	Cored	15107
	5/64"	Cored	15108
	3/32"	Cored	15109
(Tip provides 1/8" set back)	3/64"	Aluminum	15126
	1/16"	Aluminum	15125
	3/32"	Aluminum	15124
	1/8"	Aluminum	15123

CURRENT TIPS—5/16" DIAMETER THREADED

GUN OR BARREL MODEL	WIRE SIZE	WIRE TYPE	CODE NO.
ALL HTM, HTC, CTW, CW-T, MTW (Tip provides 1/8" set back)	.035"	Hard	10756
	.045"	Hard	10757
	.052"	Hard	10841
	1/16"	Hard	10759
	5/64"	Hard	10761
	3/32"	Hard	10763
ALL HTM, HTC (Tip provides 3/8" set back)	.045"	Cored	10750
	1/16"	Cored	10751
	5/64"	Cored	10752
	3/32"	Cored	10753
	7/64"	Cored	10754

CURRENT TIPS—2 1/2" SLIP-IN—1/4" DIAMETER

GUN MODEL	WIRE SIZE	WIRE TYPE	CODE NO.
ALL CCW, CW-C, MCW (Tip provides 1/8" set back)	.030"	Hard	10794
	.035"	Hard	10795
	.045"	Hard	10796
	.052"	Hard	10840
	1/16"	Hard	10797
(Tip provides 1/8" set back)	3/64"	Aluminum	10785
	1/16"	Aluminum	10786





GUN ACCESSORIES

GAS NOZZLES

Gun Model	Ref.	Type Nozzle	O.D.	I.D.	Code No.
HTC/NCC/NC/HT	1	Copper Tapered	15/16"	5/8"	10362
CTW/CCW/CW-T		Copper Tapered	15/16"	17/32"	11941
HTC-E/NCC-E	2	Copper Straight	1"	3/4"	10340
PAT/PAC	3	Copper Straight	5/8"	7/16"	10374
	4	Copper Full Taper	15/16"	5/8"	10359
	5	Copper Flat Spot	1"	5/8"	16213
	6	Copper 90 Degree Spot	1"	5/8"	16214
CTW/CCW/CW-T	7	Brass	7/8"	5/8"	16380
CA-T/PAT/PAC		Brass	7/8"	35/64"	16379
	8	Brass Tapered	1-1/16"	3/4"	10379
	9	Copper Tapered	1-3/8"	3/4"	10368
HTC-A/NCC-A	10	Copper Full Taper	1-3/8"	11/16"	18030
HTCE-A/NCCE-A		Copper Full Taper	1-3/8"	13/16"	18031
NC/HT		Copper Full Taper	1-3/8"	15/16"	18032
HIGH CAPACITY	11	Copper Tapered	1-3/8"	11/16"	16749
		Copper Tapered	1-3/8"	13/16"	16750
		Copper Tapered	1-3/8"	15/16"	16751

WATER AND AIR COOLED NOZZLE BODIES

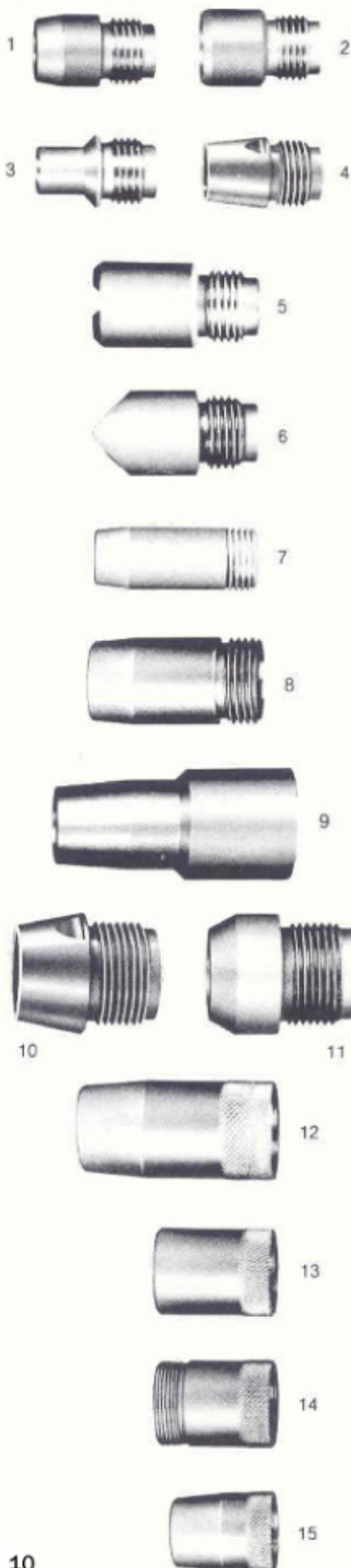
Gun Model	Ref.	Type Nozzle Body	Code No.
CTW/CCW, CTA/CCA, CW/CA, PAT/PAC	12	Normal Duty	13197
CTW/CCW, CTA/CCA, CW/CA, PAT/PAC	13	Medium Duty	13198
CA-T/CW-T, PAT	14	Heavy Duty	13196
CTW/CCW, CTA/CCA, PAT/PAC	15	Light Duty	16384

CASINGS

DESCRIPTION (ALL MODELS)	8 Ft.	10 Ft.	12 Ft.	15 Ft.
Casing Assembly (Flexible) Requires replacement liner below .030"-.035" (Select Liner)	12285	12286	12287	12290
.035"-.062" (Select Liner)	13565	13751	13757	13752
Casing Assembly (Reinforced) Single Piece .035"-.045"	16512	15988	15991	16055
Single Piece .045"-.062"	16513	12380	12383	12386
Single Piece 5/64"-3/32"	16514	12441	12449	12443
Single Piece 7/64"-1/8"	16515	12445	12448	12446
DESCRIPTION (HTCE ONLY)	8 Ft.	10 Ft.	12 Ft.	15 Ft.
Casing Assembly (Flexible) Requires replacement liner below .035"-.062" (Select Liner)	16783	15756	15757	15758
Casing Assembly (Reinforced) Single Piece .035"-.045"	16790	15712	15713	15714
Single Piece .045"-.062"	16797	15746	15747	15748
Single Piece 5/64"-3/32"	16804	15701	15702	15703
Single Piece 7/64"-1/8"	16811	15704	15705	15706

LINERS

DESCRIPTION	Wire Size	8 Ft.	10 Ft.	12 Ft.	15 Ft.
Wire Liner—Hard Wire	.030"	16820	12320	12321	12322
Wire Liner—Hard Wire	.035"-.045"	16449	16407	16408	16409
Wire Liner—Hard/Cored	.045"-.062"	16153	16119	16120	16121
Soft Liner—Hard Wire	.030"-.035"	18090	18091	18092	18093
Soft Liner for Aluminum	3/64"	12410	12411	12412	12413
Soft Liner for Aluminum	1/16"	12401	12402	12416	12404
Soft Liner for Aluminum	3/32"	16602	12406	12417	12408
Wire Liner (Optional SS)	.035"-.045"	16160	12336	12337	12338
	.045"-.062"	16507	12403	12334	12405



WIRE FEEDER ADAPTERS AND WIRE INLETS



Manufacturer	Models	Wire Diameter	Wire Feeder Adapter			Direct Mount Adapter	
			Hard or Al	Cored	*Stub Liner	Hard or Al	Cored
Airco	AHF-T	.030"-.035" Hard	13031		16166	13032	
	AHF-N	.045"-1/16" Hard	13031		16167	13032	
	AHF-R1	3/64" Soft	13031		16654	13032	
	AFH-U1	1/16" Soft	13013		16655	13032	
	AHF-V1	3/32" Soft	13031		16656	13032	
	AHF-V6	5/64"-3/32" Cored		13029	16168		13028
	AHF-NP	7/64" Cored		13029	16169		13028
	AHF-N6						
Compak-O-Matic	480, 120, 125	.035"-.045" Hard	13486		16690	13485	
		.045"-1/16" Hard	13486		16691	13485	
		3/64" Soft	13486		16694	13485	
		1/16" Soft	13486		16695	13485	
		3/32" Soft	13486		16696	13485	
		5/64"-3/32" Cored		16612	16692		16611
		7/64" Cored		16612	16693		16611
	10, 25, 103-B 500		13481			13482	
	No. 75	.035" Hard	13482			13487	
		.045" Hard	13488			13488	
		1/16" Hard	13489			13489	
		3/64"-1/16"-3/32" Al	13490			13490	
Hobart	All Models	.030"-.035" Hard	13067		16665	13068	
		.035"-.045" Hard	13067		16666	13068	
		.045"-1/16" Hard	13067		16667	13068	
		3/64" Soft	13067		16670	13068	
		1/16" Soft	13067		16671	13068	
		3/32" Soft	13067		16672	13068	
		(5/64"-7/64") Cored		16087	16668		16225
Lincoln	LN-7	.035"-.045" Hard	13110		16698	13110	
	LN-8	.045"-1/16" Hard	13110		16699	13110	
		3/64" thru 3/32" Al	13111			13111	
		5/64"-3/32" Cored		13112	16700		13112
Water Cooled Guns	LN-9	.035"-.045" Hard	16581		16711	16528	
	No Lug	.045"-1/16" Hard	16581		16712	16528	
		5/64"-3/32" Cored		16582	16713		16529
		7/64" Cored		16582	16714		16529
Air Cooled Guns	LN-9	.035"-.045" Hard	16373		16703	16373	
	Adapter	.045"-1/16" Hard	16373		16704	16373	
	with Lug	5/64"-3/32" Cored		16527	16705		16527
		7/64" Cored		16527	16705		16527
Lincoln "Big Mig"	NA3/NA5	5/64"-3/32" Cored, Al	16879	16879	16884		
		7/64"-1/8" Cored, Al	16879	16879	16885		
		.045"-1/8" Hard			16880		
		.045"-1/8" Cored				16881	

Manufacturer	Models	Wire Diameter	Wire Feeder Adapter			Direct Mount Adapter	
			Hard or Al	Cored	*Stub Liner	Hard or Al	Cored
Linde	SWM31	Casing to Feeder (Accepts Linde Outlet Guide)	13046			13046	
	SWM34						
	SWM37						
	SWM38						
	EH8	D/F Insert					
		.035"-.045" Hard	13047			13047	
		.045"-1/16" Hard	13048			13048	
		5/64"-3/32" Cored		13049			13049
		3/64"-1/16" Al	13050			13050	
	SWM11	.035"-.045" Hard	13043		16690	13080	
	SWM113	.045"-1/16" Hard	13043		16691	13080	
	SWM23	3/64" Soft	13043		16694	13080	
Linde "Big Mig"	SWM25	1/16" Soft	13043		16695	13080	
	EH35	3/32" Soft	13043		16696	13080	
	EH10	5/64"-3/32" Cored		13052	16692		13079
		7/64" Cored		13052	16693		13079
Miller	EH-10	Inlet Req'd.—See Manual 750 WMB				13082	13082
	MHFC		13115			13115	
	10A	.030"-.035" Hard	13120			13120	
	30A	.035"-.045" Hard	13121			13121	
Miller ("50" Series)		.045"-1/16" Hard	13122			13122	
		5/64"-3/32" Cored		13123			13123
		3/64"-3/32" Al	13124			13124	
	S-52A	.030"-.035" Hard	16557		16673	16558	
	S-52E	.035"-.045" Hard	16557		16674	16558	
	S-54E	.045"-1/16" Hard	16557		16675	16558	
	S-52D	3/64" Soft	16557		16679	16558	
	S-54D	1/16" Soft	16557		16680	16558	
Westinghouse	D-52D	3/32" Soft	16557		16681	16558	
		5/64"-3/32" Cored		16559	16676		16560
		7/64" Cored		16559	16677		16560
	SA2/SA605	.035" Hard	13003			13003	
Westinghouse	SA625	.045" Hard	13004			13004	
	SA-505-C	1/16" Hard	13005			13005	
	SA205/SA225	3/64"-3/32" Al	13006			13006	
		5/64"-3/32" Cored		13007			13007
Westinghouse		7/64" Cored		13008			13008

*Stub liners only required in feeder adapter when single piece casing is used.

FEEDER ADAPTER INLETS

Wire Size	Steel Code No.	Brass Code No.	Nylon Code No.
.030"	13801	16417	
.035"	13803	16418	
.045"	13806	16419	
.052"	13844	16420	
1/16"	13809	16421	
5/64"	13812	16422	
3/32"	13814	16422	
7/64"	13816		
1/8"	13842		
3/64" Al.			13807
1/16" Al.			13810
3/32" Al.			13815

ORDERING INFORMATION

Each D/F gun is fully assembled and ready to install. In order to make the installation complete, the code number, wire size, make/model of wire feeder, and inlet as needed must be specified when ordering. If special welding tools or accessories other than those listed on pages 9-11 are required, please consult with the factory.

WARNING

DISCONNECT ALL POWER BEFORE SERVICING OR CHANGING ANY MACHINE BARREL OR GUN SYSTEM.



D/F MACHINE SPECIALTIES, INC.

"MIG" AND "TIG" WELDING TOOLS

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www.dfmachinespecialties.com

USERS OF "MIG" & "TIG" WELDING EQUIPMENT

With an original idea covering a design for a water cooled "MIG" welding gun, our Company has continued over the past 15 years to progress with various types of equipment to fill industry's needs to deal with the many diversified welding applications.

This brochure was designed to tell you something of our current products. We ask that you contact us if we can be of service to you in filling your "MIG" or "TIG" equipment needs.

Del Moerke, President

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