



D/F MACHINE SPECIALTIES, INC.

"MIG" AND "TIG" WELDING TOOLS

1750 Howard Drive, North Mankato, MN 56003

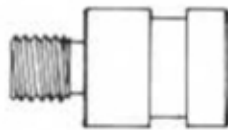
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www.dfmachinespecialties.com

FEEDER ADAPTERS

Wire Feeder & Automatic Heads



INSTRUCTIONS and PARTS

SAFETY

Welding is not particularly hazardous when certain safety practices are followed. Anyone using this equipment should be thoroughly trained in safe welding practices. Failure to observe safe practices may cause serious injury.

For more information, refer to the following standards in their latest revisions and comply as applicable.

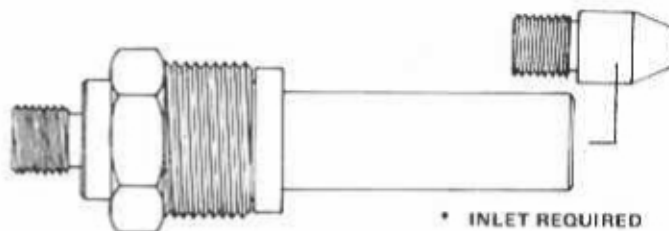
- 1. ANSI Standard Z49.1, SAFETY IN WELDING AND CUTTING obtainable from the American Welding Society, 2501 N.W. 7th St., Miami, FL 33125.**
- 2. ANSI Standard Z41.1, STANDARD FOR MEN'S SAFETY - TOE FOOTWEAR obtainable from the American National Standards Institute, 1430 Broadway, New York, NY 10018.**
- 3. ANSI Standard Z49.2, FIRE PREVENTION IN THE USE OF CUTTING AND WELDING PROCESSES obtainable from the American National Standards Institute, 1430 Broadway, New York, NY 10018.**
- 4. OSHA, SAFETY AND HEALTH STANDARDS, 29CFR 1910, obtainable from the U.S. Government Printing Office, Washington, D.C. 20402.**
- 5. AWS Standard A6.0, WELDING AND CUTTING CONTAINERS WHICH HAVE HELD COMBUSTIBLES obtainable from the American Welding Society, 2501 N.W. 7th St., Miami, FL 33125.**
- 6. NFPA Standard 70-1978, NATIONAL ELECTRICAL CODE obtainable from the National Fire Protection Association, 470 Atlantic Avenue, Boston, MA 02210.**
- 7. ANSI Standard Z88.2, "Practice for Respiratory Protection" obtainable from the American National Standards Institute, 1430 Broadway, New York, NY 10018.**
- 8. ANSI Standard Z87.1, SAFE PRACTICES FOR OCCUPATION AND EDUCATIONAL EYE AND FACE PROTECTION obtainable from the American National Standards Institute, 1430 Broadway, New York, NY, 10018.**
- 9. NIOSH, SAFETY AND HEALTH IN ARC WELDING AND GAS WELDING AND CUTTING obtainable from the Superintendent of Documents, U.S. Printing Office, Washington, D.C. 20402.**
- 10. American Welding Society Standard AWSF4.1 "Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping That Have Held Hazardous Substances", obtainable from the American Welding Society, 2501 N.W. 7th St., Miami, FL 33125.**



ADAPTERS

wire feeder & automatic heads

Manufacturer	Model	Application	Code No.
AIRCO	AHF-T	Casing to Feeder and Remote Installations of Gun or Machine Barrel	13031
	AHF-N		
	AHF-R1		
	AHF-U1		
	AHF-V1	Hard Wire (.030"-.1/16")	13031
	AHF-V6		
	AHF-NP	Soft Wire (3/64"-3/32")	13031
	AHF-N6		
		Cored Wire (5/64"-7/64")	13029
AIRCO	Same as Above	Machine Barrel Mounted Directly to Wire Drive Head (.030"-.1/16")	13032
		(5/64"-7/64")	13028
AIRCO	Same as Above	Available for Critical Feeder of Small Diameter Wires Consult Factory for Recommended Use (.030"-.035") Hard (.035"-3/64") Soft	13031
AIRCO	AMH-H	High Current Machine Barrel - Model NCM15, 16, 17 - Mounted Directly to Wire Drive Head	13034
	AMH-J		13035
		Adapter Insulator for Above	13035

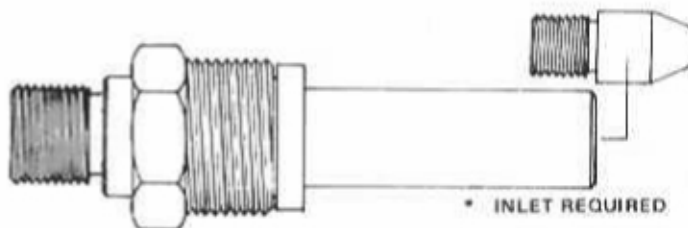


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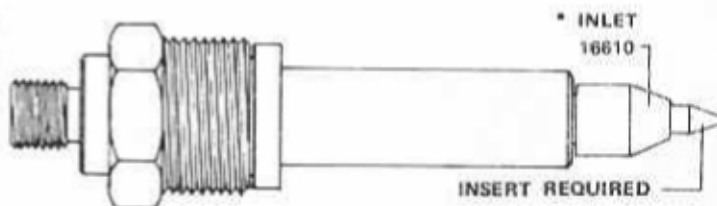
Stub Liners - Used with Single Piece Casing

For Adapter 13031	Hard/Cored Wire	Soft Wire
	16166-.030"-.035"	16654-3/64"
	16167-.045"-.1/16"	16655-1/16"
		16656-3/32"

For Adapter 13029	Cored Wire
	16168-5/64"-3/32"
	16169-7/64"



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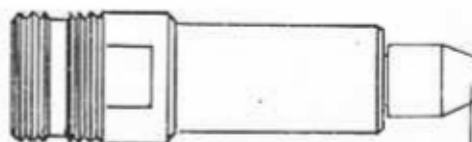


* INLET

16610

INSERT REQUIRED

Inlet Insert		
Hard	.030"-.035"	16546
Hard	.045"	16547
Soft	.035"	16541
Soft	3/64"	16542



** INLET REQUIRED

* Select Inlet Guides From Index "WIRE INLET GUIDES" Page 1, For Pistol, Curved and Machine Barrels.

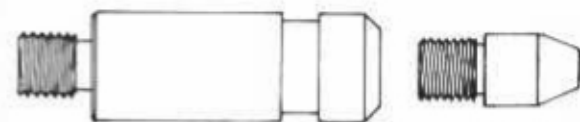
** Select Inlet Guides From Index "WIRE INLET GUIDES" Page 2, For High Current Machine Barrels.



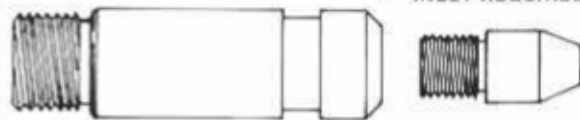
ADAPTERS

wire feeder & automatic heads

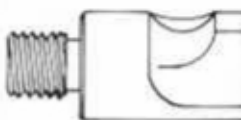
Manufacturer	Model	Application	Code No.
AIR PRODUCTS SYSTEMATICS DYNAWELD	FW-101 CF-201 AP250M AP500- MFC	Casing to Feeder	13056
		Machine Barrel to Head	13057
AUTO-ARC	All Models	Casing to Feeder	13130
		Machine Barrel to Head	13131
BANCROFT		Casing to Feeder	13009
		(.030"-1/16") Hard	
		(3/64"-3/32") Soft	13010
COMPAK-O-MATIC	103-B 500	Machine Barrel to Head	13482
COMPAK-O-MATIC	480 120 125	Machine Barrel to Head	13485
		(Hard/Cored Wire)	16611
COMPAK-O-MATIC	480 120 125	Casing to Head	13486
		(Hard Wire)	16612
COMPAK-O-MATIC	480 120 125	(Cored Wire)	



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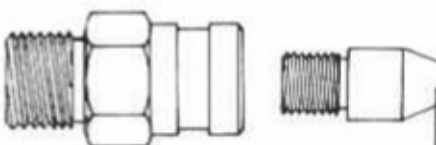


Stub Liners For Adapter 13131 & Single Piece Casing

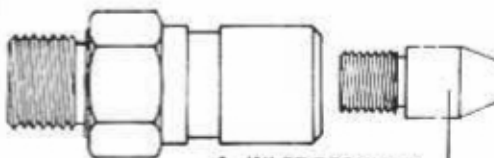
Hard/Cored Wire	Soft Wire
16690—.035"-.045"	16694—3/64"
16691—.045"-1/16"	16695—1/16"
	16696—3/32"



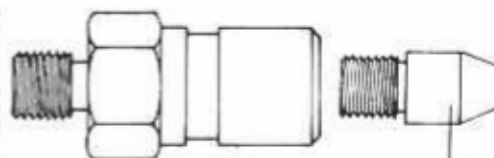
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Stub Liners Used with Single Piece Casing

For 16612 Cored Wire	For 13486 Hard/Cored Wire	Soft Wire
16692—5/64"-3/32"	16690—.035"-.045"	16694—3/64"
16693—7/64"	16691—.045"-1/16"	16695—1/16"
		16696—3/32"

* Select Inlet Guides From Index "WIRE INLET GUIDES" Page 1, For Pistol, Curved and Machine Barrels.

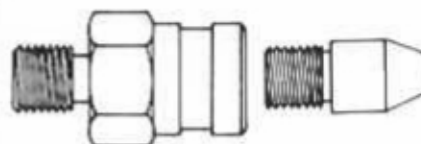
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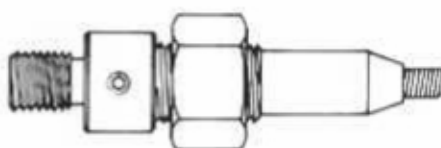
ADAPTERS

wire feeder & automatic heads

Manufacturer	Model	Application	Code No.
COMPAK-O-MATIC	10 25 103-B 500	Casing to Feeder	13481
COMPAK-O-MATIC	No. 75	Casing to Feeder	13487
		.035"	13488
		.045"	13489
		1/16"	13490
		3/64"-1/16"-3/32" Al.	13491
		5/64"-3/32" Cored	13492
		7/64" Cored	13492
CYCLOMATIC	Scorpion 612 1024	Casing to Feeder	
		(Hard Wire)	13147
		(Cored Wire)	13132
CYCLOMATIC	612 1024	Machine Barrel to Head	
		(Hard Wire)	13148
		(Cored Wire)	13133
DYNAWELD			
See AIR PRODUCTS			
PAGE 1			
GILLIAND		Casing to feeder	16224
		Wire liner insert	
		Used with Gilliland Adapter	
		.035 " thru .045 "	16363
		.045 " thru .062 "	16364
		.078 " thru .093 "	16365



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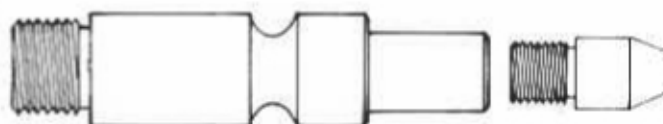
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Stub Liner Used with Single Piece Casing

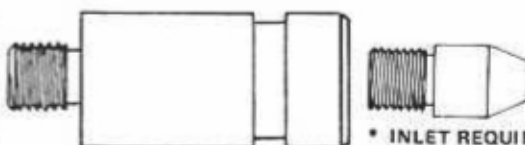
For 13147	Hard/Cored Wire	Soft Wire
	16665--.030"-.035"	16670--3/64"
	16666--.035"-.045"	16671--1/16"
	16667--.045"-1/16"	16672--3/32"

For 13132

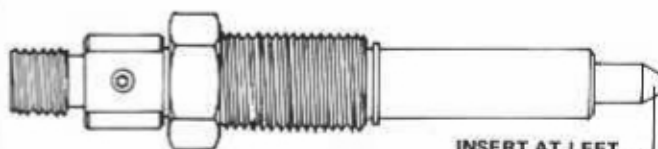
Cored Wire
16668--5/64"-3/32"
16669--7/64"



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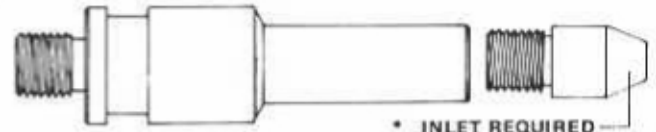
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- ** Select Inlet Guides From Index "WIRE INLET GUIDES" Page 2, For High Current Machine Barrels.



ADAPTERS

wire feeder & automatic heads

Manufacturer	Model	Application	Code No.
HOBART	All Models	Casing to Feeder	
		Hard/Cored Wire (.030"-1/16")	13067
		Cored Wire (5/64"-7/64")	16087
HOBART	All Models	Machine Barrel Mounted Directly to Wire Drive Head - Also for Quick- Disconnect Hard/Cored Wire (.035"-1/16")	13068
		Cored Wire (5/64"-7/64")	16225
LINCOLN	LN-7 LN-8	Casing to Feeder Hard/Cored Wire (.030"-1/16")	13110
		Casing to Feeder (3/64"-3/32") Soft	13111
		Casing to Feeder (5/64"-7/64") Cored	13112
LINCOLN	LN-9	Machine Barrel to Head and Quick- Disconnect (.035"-1/16")	16528
		(5/64"-7/64")	16529
LINCOLN	LN-9	Casing to Feeder (.035"-1/16")	16581
		(5/64"-7/64")	16582



Stub Liners Used with Single Piece Casing

For 13067 Hard/Cored Wire

Soft Wire

For 16087

16665-.030"-.035"

16670-3/64"

Cored Wire

16666-.035"-.045"

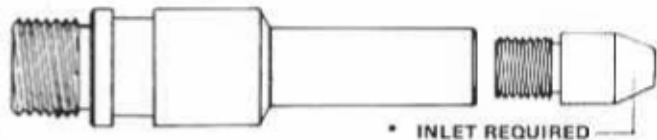
16671-1/16"

16668-5/64"-3/32"

16667-.045"-1/16"

16672-3/32"

16669-7/64"



Stub Liners Used with Single Piece Casing

For 13110

Hard/Cored Wire

13111

16698-.035"-.045"

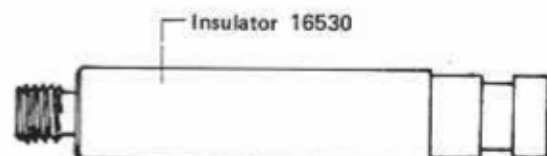
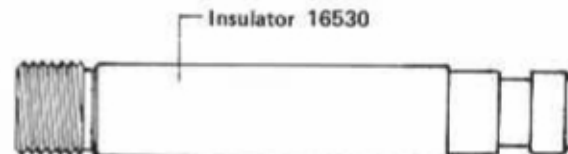
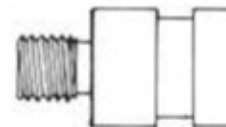
16699-.045"-1/16"

For 13112

Cored Wire

16700-5/64"-3/32"

16701-7/64"



Stub Liners Used with Single Piece Casing

For 16581

Hard/Cored Wire

16711-.035"-.045"

16712-.045"-1/16"

For 16582

Cored Wire

16713-5/64"-3/32"

16714-7/64"

* Select Inlet Guides From Index "WIRE INLET GUIDES" Page 1, For Pistol, Curved and Machine Barrels.

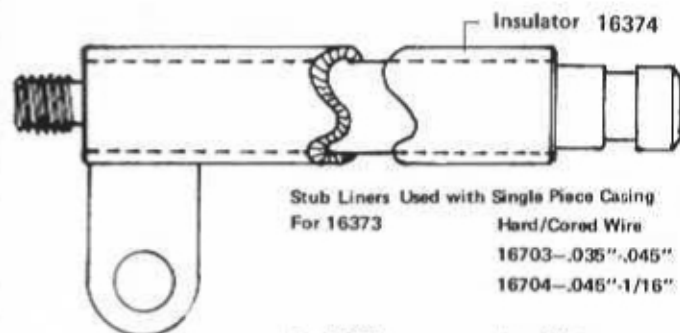
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ADAPTERS

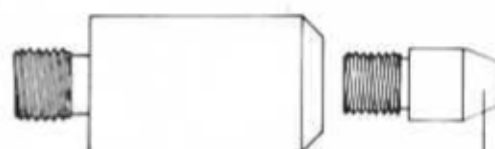
wire feeder & automatic heads

Manufacturer	Model	Application	Code No.
LINCOLN For Air Cooled Guns	LN-9	Casing to Feeder	
		Hard Wire (.035"-1/16")	16373
		Cored Wire (5/64"-7/64")	16527
LINDE	SWM11	Casing to Feeder	
	SWM113		
	SWM23	Hard/Cored Wire (.030"-1/16")	13043
	SWM25		
	EH35 EH10	Cored Wire (5/64"-7/64")	13052
LINDE	SEH3 SEH4 SEH5	Machine Barrel to Head and Quick Disconnect	
		Hard/Cored Wire (.030"-1/16")	13080
		Cored Wire (5/64"-7/64")	13079
LINDE	SWM37 SWM34 SWM31 SWM38 EH8	Casing to Feeder (Accepts Linde Outlet Guide)	13046
		Casing to Feeder (With D/F Liner Inserts)	
		.035"-.045"	13047
		.045"-1/16"	13048
		5/64"-3/32" Cored	13049
		3/64"-3/32" AL	13050
LINDE	SEH3 SEH4 SEH5	Machine Barrel to Head - When Insulator is Required	13083
		Insulator	13085



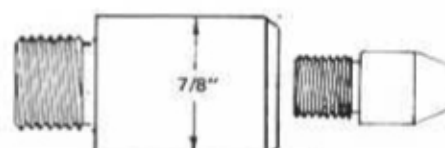
Stub Liners Used with Single Piece Casing
For 16373 Hard/Cored Wire
16703-.035"-.045"
16704-.045"-1/16"

For 16527 Cored Wire
16705-5/64"-3/32"
16706-7/64"

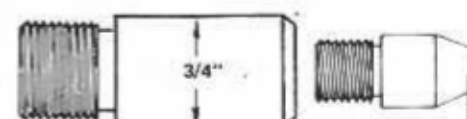
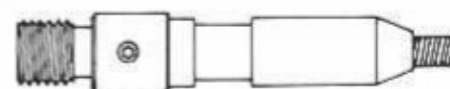
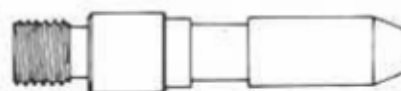


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Stub Liner Used with Single Piece Casing
For 13043 Hard/Cored Wire Soft Wire For 13052 Cored Wire
16690-.035"-.045" 16694-3/64" 16692-5/64"-3/32"
16691-.045"-1/16" 16695-1/16" 16693-7/64"
16696-3/32"



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* Select Inlet Guides From Index "WIRE INLET GUIDES" Page 1, For Pistol, Curved and Machine Barrels.

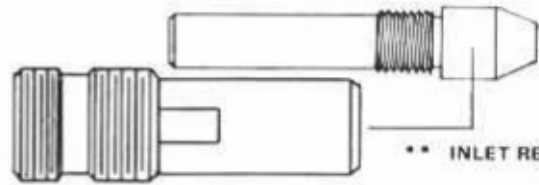
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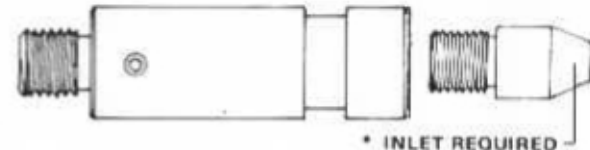
ADAPTERS

wire feeder & automatic heads

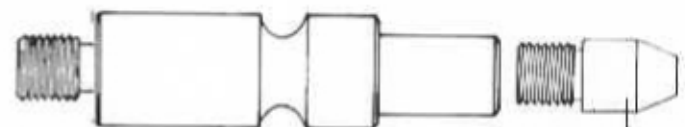
Manufacturer	Model	Application	Code No.
LINDE	SEH3	High Current Machine Barrel to Head Models NCM15, 16, 17	13082
	SEH4		
	SEH5		
	EH11		
MACHINERY & WELDER	MW100	Casing to Feeder	13108
	MW200		
MACHINERY & WELDER	MW100 MW200	Casing to Feeder	16590
		Hard Wire (.030"-1/16")	
		Cored Wire (5/64"-7/64")	16591
MACHINERY & WELDER		Machine Barrel to Head	16592
		Hard Wire (.030"-1/16")	
		Soft Wire (3/64"-3/32")	16593
		Cored Wire (5/64"-7/64")	
MILLER	MHFC	Casing to Feeder	13115
MILLER Swing Auto Arc		Casing to Feeder	13117
		Hard Wire (.035"-1/16")	
		Soft Wire (3/64"-3/32")	16481
		Cored Wire (5/64"-7/64")	



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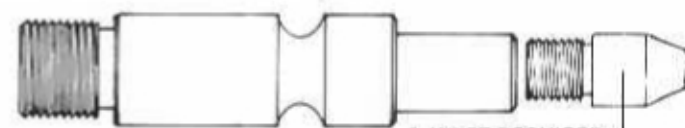
Stub Liner Used with Single Piece Casing For 16590

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Hard/Cored Wire	Soft Wire
16657-.030"-.035"	16662-3/64"
16658-.035"-.045"	16663-1/16"
16659-.045"-1/16"	16664-3/32"

For 16591

Cored Wire
16660-5/64"-3/32"
16661-7/64"



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Stub Liner Used with Single Piece Casing

For 13117 Hard/Cored Wire

Soft Wire

For 16481

Hard/Cored Wire	Soft Wire	Cored Wire
16674-.035"-.045"	16679-3/64"	16676-5/64"-3/32"
16675-.045"-1/16"	16680-1/16"	16677-7/64"
	16681-3/32"	

* Select Inlet Guides From Index "WIRE INLET GUIDES" Page 1, For Pistol, Curved and Machine Barrels.

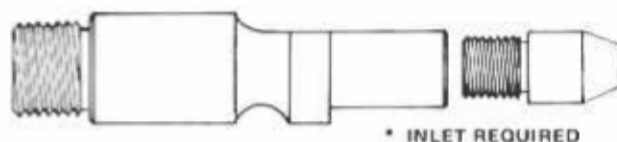
* * Select Inlet Guides From Index "WIRE INLET GUIDES" Page 2, For High Current Machine Barrels.



ADAPTERS

wire feeder & automatic heads

Manufacturer	Model	Application	Code No.
MILLER Swing Auto Arc		Machine Barrel to Head	
		Hard Wire (.035"-1/16")	13118
		Cored Wire (5/64"-7/64")	16482
MILLER	10A 30A	Casing to Feeder .030"-.035"	13120
		.035"-.045"	13121
		.045"-1/16"	13122
		5/64"-3/32"	13123
		3/64"-3/32" Al.	13124
MILLER ("50" Series)	S-52A	Hard Wire (.030"-1/16")	16557
	S-52E	Soft Wire (3/64"-3/32")	16559
	S-54E		
	S-62D		
	S-54D	Cored Wire (5/64"-7/64")	16559
	D-52D		
MILLER ("50" Series)		Machine Barrel to head Hard Wire	
		Hard Wire Liner (.030" thru .062")	16558
		Cored Wire (5/64" thru 1/8")	16560
NCG	WC-5 WC-50 WC-50S	Casing to Feeder .030"-.035"	13140
		.045"	13141
		.062"-1/16"	13142
		5/64"	13143
		3/32"	13144
		7/64"	13145
NCG-PH	RF-3 RF-5 RF-6	Casing to Feeder	13095
NCG-PH		Casing to Feeder (Accepts D/F Inlet)	13096



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Stub Liner Used with Single Piece Casing

For 16557

Hard/Cored Wire

Soft Wire

For 16559

Cored Wire

16673-.030"-.035"

16679-3/64"

16676-5/64"-3/32"

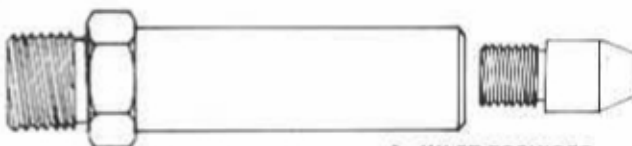
16674-.035"-.045"

16680-1/16"

16677-7/64"

16675-.045"-1/16"

16681-3/32"



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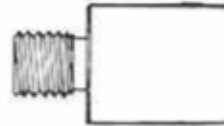
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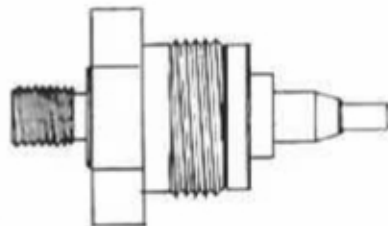
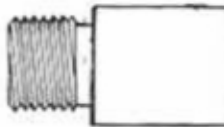
ADAPTERS

wire feeder & automatic heads

Manufacturer	Model	Application	Code No.
OXO	All Models	Casing to Feeder Hard Wire (.035") (.045"-1/16")	13125
		Cored Wire (5/64"-7/64")	13127
OXO	All Models	Machine Barrel to Head Hard Wire (.030"-1/16")	13126
		Cored Wire (5/64"-7/64")	13128
RANGER		Machine Barrel to Head	13136
		Casing to Feeder	13137
		Soft Wire Inserts .030"- .035"	16251
		3/64" 1/16"	16252 16253
SYSTEMATICS See AIR PRODUCTS PAGE 1			
WELD-MOTION		Machine Barrel to Head (Breakable)	13483
WESTINGHOUSE	SA2 SA605 SA625	Casing to Feeder	
		.035"	13003
		.045"	13004
		1/16"	13005
		3/64"-3/32" Al.	13006
		5/64"-3/32"	13007
		7/64"	13008

Stub Liner Used with Single Piece Casing
For 13125Hard/Cored Wire
16690—.035"
16691—.045"-1/16"

For 13127

Cored Wire
16692—5/64"-3/32"
16693—7/64"

* INLET REQUIRED



* Select Inlet Guides From Index "WIRE INLET GUIDES" Page 1, For Pistol, Curved and Machine Barrels.

* * Select Inlet Guides From Index "WIRE INLET GUIDES" Page 2, For High Current Machine Barrels.

WARRANTY

This Equipment is sold by D/F Machine Specialties, Incorporated, under the warranty set forth in the following paragraph. Such warranty is extended only to the buyer who purchases the equipment directly from D/F or its authorized distributor as new merchandise.

The barrel and cable assemblies are warranted by D/F to be free from manufacturing defects for 90 days after delivery by D/F, provided that the equipment is properly operated under conditions of normal use and that regular periodic maintenance and service is performed. Expendable parts are not warranted for any specific time. Expendable parts referred to herein would be the nozzles, current tips, spatter discs, insulators, casing liners, and wire inlets. D/F's sole obligation under this warranty is limited to making replacement at its manufacturing facility for barrel assemblies which are returned to it with transportation charges prepaid, and upon D/F's examination have been found to be so defective.



D/F MACHINE SPECIALTIES, INC.

"MIG" AND "TIG" WELDING TOOLS

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