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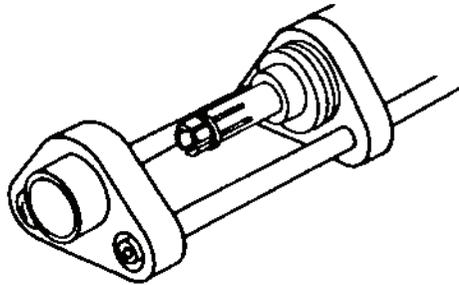
CD STUD WELDING ACCESSORIES

SPECIFICATION GUIDE

SET-UPS

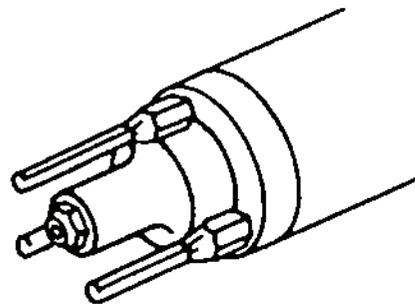
STANDARD

Adjustable for Weld
Pins or Weld Studs.



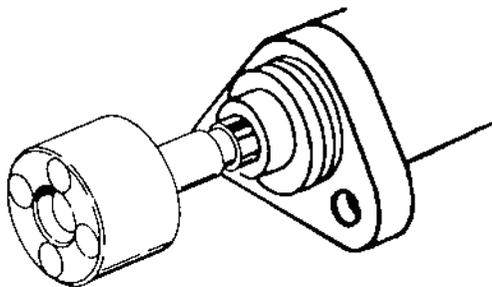
COLLET PROTECTOR

for Weld Pins.



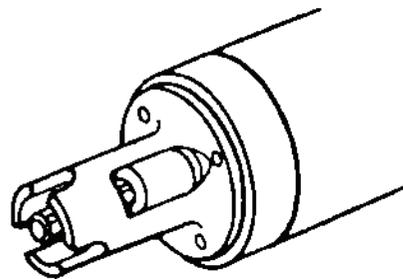
MAGNETIC CHUCK

For all Cup Head Pins.

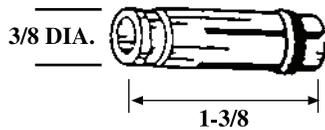


TEMPLATE ADAPTOR

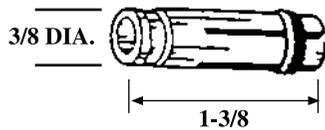
For precise location of studs.



"B" COLLETS



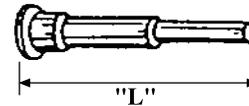
STUD DIA.			PART NO.
14 GA			101-0102-14
		#2	101-0102-29
	3/32	#3	101-0102-34
12 GA		#4	101-0102-16
	1/8	#5	101-0102-28
10 GA		#6	101-0102-17
	.141		101-0102-22
9 GA			101-0102-15
	5/32		101-0102-31
	.161	#8	101-0102-18
	3/16	#10	101-0102-19
	.215	#12	101-0102-23
	1/4		101-0102-20
	.273		101-0102-35
	5/16		101-0102-25
	3/8		101-0102-33
"O" -Rings- Req'd. (for collets up to 1/4)			181-9001-04



"B" COLLET - METRIC

SIZE	PART NO.
M3	101-0104-03
M4	101-0104-04
M5	101-0104-05
M6	101-0104-06
M8	101-0104-08
M10	101-0104-10

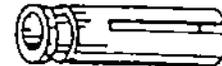
"B" STOPS



STUD DIA.	STUD LENGTH	"L"	PART NO.
UNIVERSAL "B" STOP			101-1002-14
12 GA or #4 10 GA or #6 #8	1/4	1.250	101-1002-16
	3/8	1.125	101-1002-17
	1/2	1.000	101-1002-18
	5/8	.875	101-1002-19
3/16 or #10	3/4	.750	101-1002-20
	1/4	1.250	101-1002-01
.242	3/8	1.125	101-1002-02
1/4	1/2	1.000	101-1002-03
5/16	5/8	.875	101-1002-04
	3/4	.750	101-1002-05
ALL SIZES	7/8	.625	101-1002-06
	1"	.500	101-1002-07
	1-1/8	.375	101-1002-08
	1-1/4	.250	101-1002-09
	1-3/8	.125	101-1002-10
	<i>For proper protrusion Stud length plus stop length should be at least 1-1/2".</i>		

"B" COLLETS

For accoustical hanger and annular ring studs.



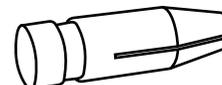
STUD DIA.	PART NO.
.168 (A-H)	101-0102-75
.214 (A-H)	101-0102-76
(NO STOPS REQUIRED FOR A-H COLLETS)	
.177 (A-R)	101-0102-78

Bullett-Style "B" COLLET

No Stop Required (3/4" deep)

DIA.	PART NO.
14GA	101-0102-38
12GA	101-0102-36
10GA	101-0102-37

Recommended for pin lengths between 1" - 3".



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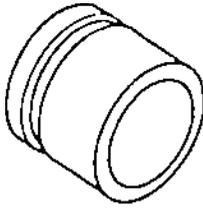
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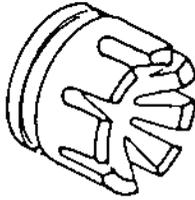
STANDARD SPARK SHIELD



STUD RANGE	PART NO.
14 GA to #6	101-0901-01
#8 to 7/16	101-0901-02

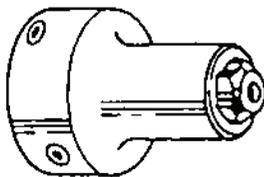
DEEP VENTED SPARK SHIELD

for heavy-duty weld pins.



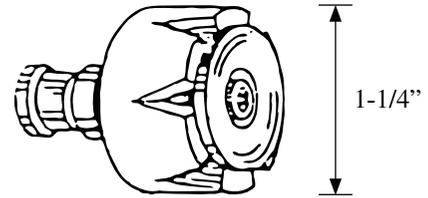
STUD RANGE	PART NO.
14 GA to 10 GA	101-0903-02
#8 and Larger Dia.	101-0903-03

"B" COLLET PROTECTOR



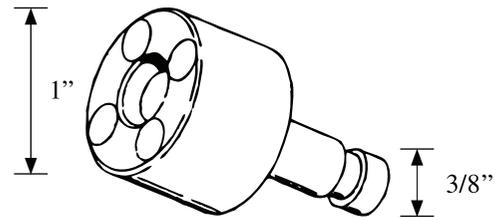
STUD DIA.	PART NO.
14 GA & 12 GA Ass'y	101-0401-08
10 GA Ass'y	101-0401-09
Body	101-0401-07
12 GA Insert	101-0401-04
10 GA Insert	101-0401-05
Body Screws	181-3929-03

MAGNETIC CUP HEAD CHUCK ASSEMBLY



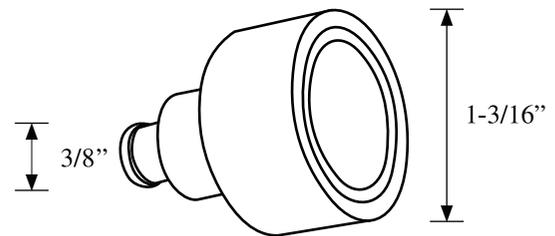
CUP HEAD SIZE	PART NO.
CS & CL Ass'y	101-0501-01
Magnet	101-0501-19
Shank	101-0501-28
Conductor Plate	101-0501-20
Insulating Tube	101-0501-32
Insulating Disc	101-0501-33
Screw	181-3029-10
Lock Washer	181-1206-42

ONE PIECE MAGNETIC CUP HEAD CHUCKS



CUP HEAD SIZE	PART NO.
CS & CL (1 PIECE)	101-0501-36

Metric, M10, Shank-style available.



CUP HEAD SIZE	PART NO.
CS & CL (POSI-WELD)	101-0501-50

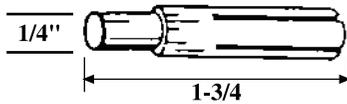
Metric, M10, Shank-style available.



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COLLET INSERTS

For studs.



*Depth should be minimum of 1/8" less than stud length

DIA. X DEPTH*	PART NO.
#4 x 1/4	101-0301-48
#4 x 3/8	101-0301-51
#4 x 1/2	101-0301-50
#4 x 1"	101-0301-52
1/8 or #5 x 1/4	101-0301-15
1/8 or #5 x 3/8	101-0301-18
1/8 or #5 x 1/2	101-0301-16
1/8 or #5 x 1"	101-0301-17
#6 to 1/4	101-0301-19
#6 to 3/8	101-0301-75
#6 to 1/2	101-0301-20
#6 to 1"	101-0301-88
#8 to 1/4	101-0301-23
#8 to 3/8	101-0301-25
#8 to 1/2	101-0301-24
#8 to 1"	101-0301-90
3/16 or #10 x 1/4	101-0301-27
3/16 or #10 x 3/8	101-0301-28
3/16 or #10 x 1/2	101-0301-29
3/16 or #10 x 3/4	101-0301-72
3/16 or #10 x 1"	101-0301-31
1/4 x 1/4	101-0301-33
1/4 x 3/8	101-0301-34
1/4 x 1/2	101-0301-35
1/4 x 3/4	101-0301-38
1/4 x 1"	101-0301-37
5/16 x 1/2	101-0301-39
5/16 x 3/4	101-0301-40
5/16 x 1"	101-0301-42
3/8 x 1/2	101-0301-43
3/8 x 3/4	101-0301-44
3/8 x 1"	101-0301-46

COLLET INSERTS

For weld pins.



STUD DIA. X DEPTH	PART NO.
14 GA x 1/2	101-0301-03
14 GA x 13/16	101-0301-02
14 GA x 1"	101-0301-04
14 GA x THRU	101-0301-01
12 GA x 1/2	101-0301-07
12 GA x 13/16	101-0301-08
12 GA x 1"	101-0301-09
12 GA x THRU	101-0301-05
10 GA x 1/2	101-0301-13
10 GA x 13/16	101-0301-12
10 GA x 1"	101-0301-14
10 GA x THRU	101-0301-11

COLLET INSERTS

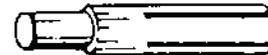
For acoustical hanger studs.



STUD DIA. X DEPTH	PART NO.
.168 x 7/8	101-0302-01
.214 x 7/8	101-0302-02

COLLET INSERTS

For annular ring navy studs.



STUD DIA. X DEPTH	PART NO.
3/16 x 1/2	101-0302-03
3/16 x 1"	101-0302-04
3/16 x 1-1/4	101-0302-05



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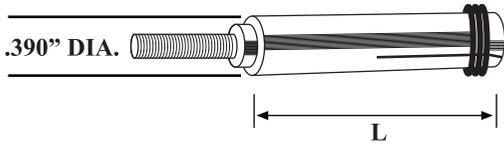
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EURO "S" COLLETS



STUD DIA.			L	PART NO.
12 GA		#4	1-7/8"	101-0102-16-S0Y
10 GA		#6	1-7/8"	101-0102-17-S0Y
		#8	1-7/8"	101-0102-18-S0Y
		#10	1-7/8"	101-0102-19-S0Y
	1/4		1-7/8"	101-0102-20-S0Y
	5/16		1-7/8"	101-0102-25-S0Y
	3/8		1-7/8"	101-0102-33-S0Y

EURO "S" COLLET - METRIC

SIZE	L	PART NO.
M3	1-7/8"	101-0104-03-S0Y
M4	1-7/8"	101-0104-04-S0Y
M5	1-7/8"	101-0104-05-S0Y
M6	1-7/8"	101-0104-06-S0Y
M8	1-7/8"	101-0104-08-S0Y
M10	1-7/8"	101-0104-10-S0Y

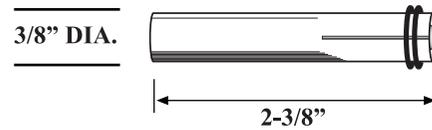
EURO "H" COLLETS

STUD DIA.			L	PART NO.
12 GA		#4	1-1/2"	101-0102-16-HBS
10 GA		#6	1-1/2"	101-0102-17-HBS
		#8	1-1/2"	101-0102-18-HBS
		#10	1-1/2"	101-0102-19-HBS
	1/4		1-1/2"	101-0102-20-HBS
	5/16		1-1/2"	101-0102-25-HBS
	3/8		1-1/2"	101-0102-33-HBS

EURO "H" COLLET - METRIC

SIZE	L	PART NO.
M3	1-1/2"	101-0104-03-HBS
M4	1-1/2"	101-0104-04-HBS
M5	1-1/2"	101-0104-05-HBS
M6	1-1/2"	101-0104-06-HBS
M8	1-1/2"	101-0104-08-HBS
M10	1-1/2"	101-0104-10-HBS

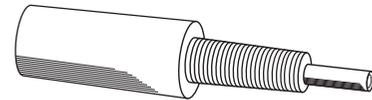
"N" COLLETS



STUD DIA.				PART NO.
12 GA			#4	500-001-355
10 GA			#6	500-001-356
			#8	500-001-357
			#10	500-001-366
	1/4			500-001-359
	5/16	M8		500-001-360
	3/8	M10		500-001-367

"N" COLLET - METRIC

SIZE	PART NO.
M3	500-001-368
M4	500-001-361
M5	500-001-358
M6	500-001-362
M8 (5/16")	500-001-360
M10 (3/8")	500-001-506



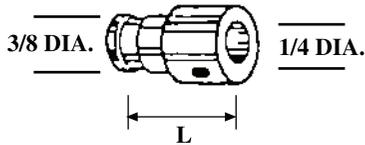
"N" ADJ. STOPS (FOR ABOVE)

STUD LENGTH	PART NO.
1/4" to 5/8"	500-017-017
3/4" to 1-1/8"	500-017-018
1-1/4" to 1-5/8"	500-017-019
1-3/4" to 2-1/8"	500-017-020



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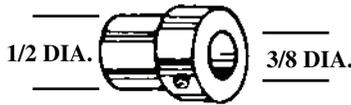
B-CI ADAPTORS



LENGTH (L)	PART NO.
7/8	101-0201-01
7/8 Drilled Thru	101-0201-04
1-9/16	101-0201-02
*B-N Adapter	101-0201-05

*Not Shown

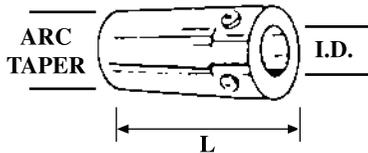
A-B ADAPTOR



ITEM	PART NO.
A-B Adaptor	101-0203-02
* A-CI Adaptor	101-0203-01

*Not Shown

N- ___ ADAPTORS



ITEM	I.D.	LENGTH (L)	PART NO.
N-CI	1/4	1-3/8	101-0204-01
N-B	3/8	1-3/8	101-0204-02
N-A	1/2	1-3/8	101-0204-04

SPECIAL COLLETS

APPLICATION	STUD P/N	ACCESSORY P/N
Key Hole CD Stud	082-0205-90	101-0301-82
CD Grounding Stud-Single/Double	081-2931-XX	101-0301-99
Wire Tie Down	084-0200-86	101-0104-05



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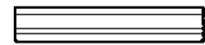


GUN SHAFT INTERNAL STOPS & HOLDER

These stops are used with "THRU" Collet Inserts and "B" Collets for long length weld pins or studs. These stops are held in place inside the CD gun shaft with a stop holder and requires removal of the rear cap of the gun for installation. These stops can be installed by special order when purchasing a CD gun or can be installed in the field.

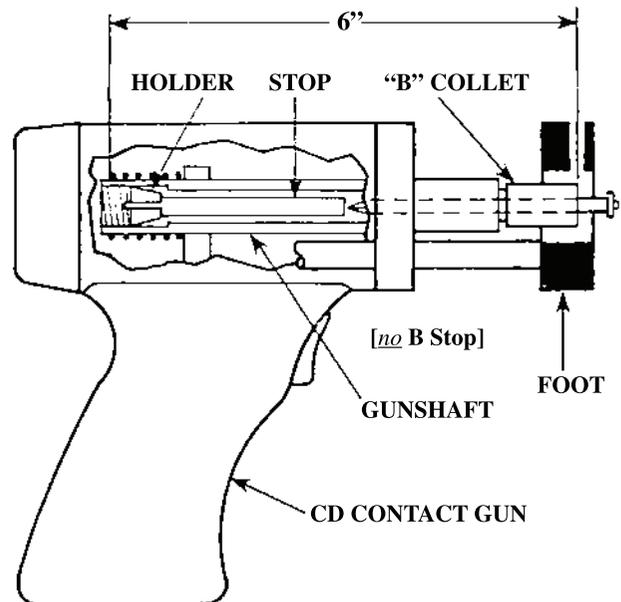


HOLDER

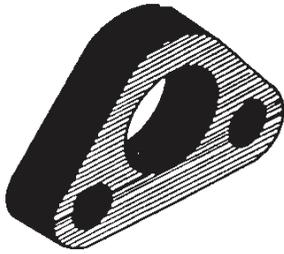


STOP

STOP DIA. X LENGTH	PART NO.
1/4 X 1/2	060-3164-12
1/4 X 1	060-3164-13
1/4 X 1 1/2	060-3164-14
1/4 X 2	060-3164-15
1/4 X 2 1/2	060-3164-16
1/4 X 3	060-3164-17
STOP HOLDER	060-3222-05



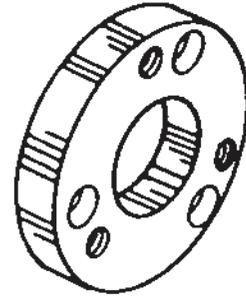
**STANDARD
ADJUSTABLE FOOT**



ITEM	PART NO.
Standard Foot	101-0701-00
*Split Foot	101-0702-00

*Not Shown

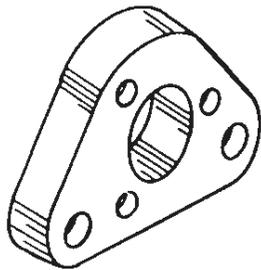
ROUND FACEPLATE



ITEM	PART NO.
Template Adaptor Faceplate Round, 1/2" Deep*	101-0602-00-500
Round Faceplate, 3/8" Deep	101-0602-00
Mounting Screw (all Faceplates)	181-3029-18 (not shown)

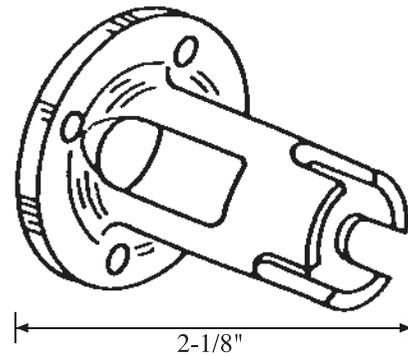
*Standard - Use With All Template Adaptors

**STANDARD ADJUSTABLE
FACEPLATE**



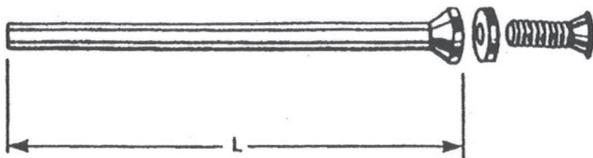
ITEM	PART NO.
Faceplate	101-0601-00

TEMPLATE ADAPTOR



TEMPLATE O.D.	PART NO.
1" Dia.	101-0606-00
1-1/4" Dia	101-0606-01
7/8" Dia.	101-0606-03
1-3/16" Dia	101-0606-05
Mounting Screw	101-3026-12

**STANDARD
ADJUSTABLE LEGS**



LENGTH	PART NO.
7"	101-0801-11
12"	101-0801-12
Leg Washer, 5/16"	181-1200-52
Leg Screw, 5/16"	181-3029-12
3" Blunt (not shown)*	101-0804-01

*Requires Round Faceplate - 3/8" Deep



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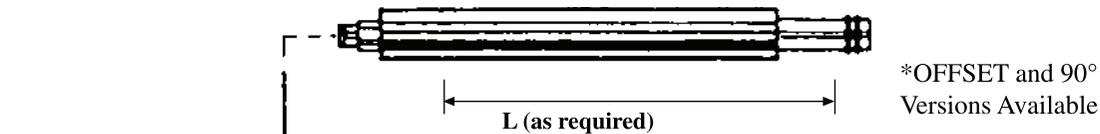
COLLET EXTENDERS

Collet Extenders allow the stud to be placed in special applications where the standard CD gun is too large to be positioned in the welding area. There are a variety of collet extenders available with the most common being shown below. These extenders fasten into the end of the CD gun shaft.

SHAFT EXTENDERS*-SOLID

(Part No. 101-4001-__)

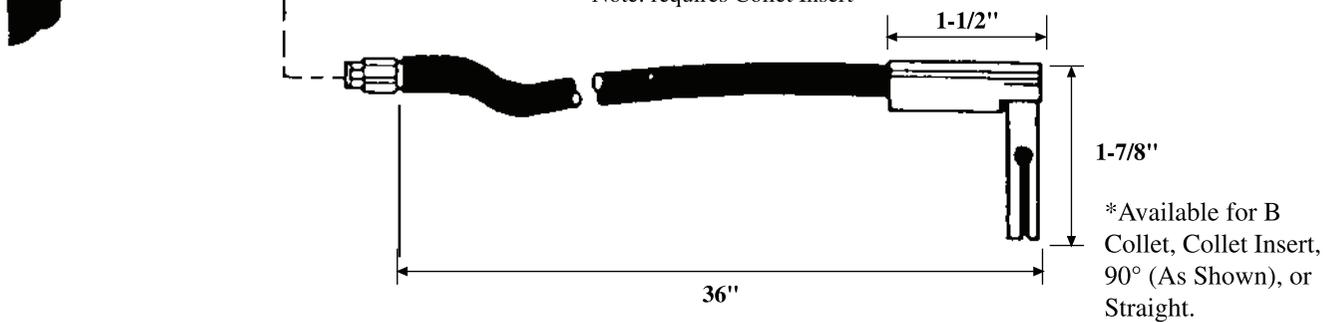
Note: requires "B" Collet or Collet Insert



MINIATURE/REMOTE EXTENDER* - FLEXIBLE

(Part No. 067-0400-15)

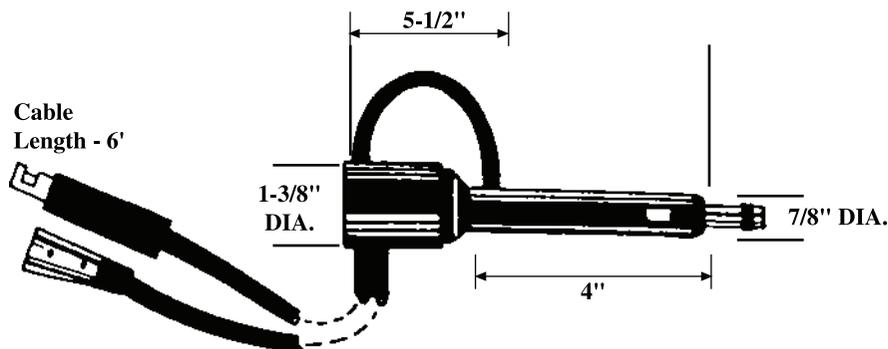
Note: requires Collet Insert



SLIM-LINE CD GUN

(PART NO. 131-1039-00)

The Slim-Line Gun is another form of collet extender, and can be preferable above the others. The Slim-Line Gun is a fully self-contained, self-triggering CD weld gun. This gun plugs directly into the welder and requires a "B" Collet. To operate, load the stud into the collet, locate the gun in place, and then press the stud against the base material. The weld will take place automatically, and firing occurs only upon proper pressure.



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