

Thermoweld[®] Cathodic Protection Process

CS-32 Type Molds are for connecting copper cable to horizontal steel surfaces. When welding to steel pipe, each mold fits a wide range of pipe sizes. When welding to pipe, the cable runs parallel to the pipe.

- Sold complete with frame. If not required, specify MOLD NUMBER followed by suffix "-G"
- Required Tools: 438-0309-00 - Flint Ignitor
- Other recommended accessories: 438-3922-00 - Mold Cleaning -Brush
38-0135-00 - Cable -Cleaning Brush
38-0101-00 - Rasp
38-4129-00 - Packing -Material for 1/0 and Larger Molds

Welding To Ductile Iron Pipe: When welding to ductile iron pipe, use weld metal and molds designated for cast iron.

CS-32 Type Molds			
Cable Size	Surface	Mold Number	Weld Metal
2.5mm ² to 16mm ² Solid	Flat (4" & Larger pipe) 3/4" to 3 1/2" pipe	M-100	15CP
		M-101	15CP
16mm ² Stranded	Flat (4" & Larger pipe) 3/4" to 3 1/2" pipe	M-102	15CP
		M-103	15CP
25mm ² Solid	Flat (6" & Larger pipe) 3/4" to 3 1/2" pipe 4" to 5" pipe	M-104	15CP
		M-105	15CP
		M-130	15CP
25mm ² Stranded	Flat (6" & Larger pipe) 3/4" to 3 1/2" pipe 4" to 5" pipe	M-106	15CP
		M-107	15CP
		M-108	15CP
36mm ² Solid	Flat (10" & Larger pipe) 1" to 3 1/2" pipe 4" to 8" pipe	M-109	25CP
		M-110	25CP
		M-111	25CP
36mm ² Stranded	Flat (10" & Larger pipe) 1" to 3 1/2" pipe 4" to 8" pipe 10" to 14" pipe	M-112	32CP
		M-113	32CP
		M-114	32CP
		M-115	32-CP
50mm ² Stranded	Flat (16" & Larger pipe) 1 1/2" to 3 1/2" pipe 4" to 8" pipe 10" to 14" pipe	M-116	45CP
		M-117	45CP
		M-118	45CP
		M-119	45CP
50mm ² Stranded	Flat (20" & Larger pipe) 2 1/2" to 3 1/2" pipe 4" to 8" pipe 10" to 18" pipe	M-120	65CP
		M-121	65CP
		M-122	65CP
		M-123	65CP
70mm ² Stranded	Flat (20" & Larger pipe) 2 1/2" to 3 1/2" pipe 4" to 8" pipe 10" to 18" pipe	M-124	65CP
		M-125	65CP
		M-126	65CP
		M-127	65CP