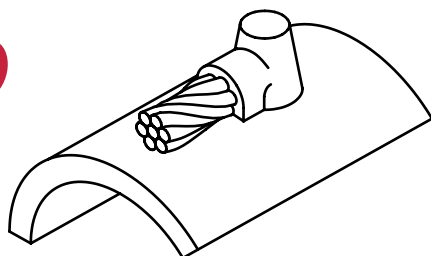


CS-48 CS-49



CS-48 / CS-49 TYPE MOLDS

Field Made Bond to Horizontal Steel or Cast Iron Surface

CS-48/CS-49 type molds are for connecting field made jumper bonds to horizontal steel or cast iron pipe. See below for hammer die and sleeve part numbers. When welding to steel pipe, each mold fits a wide range of pipe sizes. When welding to cast iron pipe, each mold fits a specified pipe size. For welding to ductile iron pipe, see note below.

MOLD INFORMATION FOR STEEL PIPE				BOND SIZE	MOLD INFORMATION FOR CAST IRON PIPE			
SURFACE	MOLD #	PRICE KEY	WELD METAL		SURFACE	MOLD #	PRICE KEY	WELD METAL
4" pipe	M-7343	3	15CP	#6 Str	4" to 24" pipe	M-7352-P.S.	3	25CI
6" to 8" pipe	M-7344	3	15CP		30" & Larger pipe	M-7352	3	25CI
10" & Larger pipe	M-7342	3	15CP		Replace P.S. with Pipe Size (Ex. M-7352-4 for 4" Pipe)			
4" pipe	M-7346	3	25CP	#4 Str	4" to 24" pipe	M-154-P.S.	3	32CI
6" to 8" pipe	M-7347	3	25CP		30" & Larger pipe	M-154	3	32CI
10" & Larger pipe	M-7345	3	25CP		Replace P.S. with Pipe Size (Ex. M-154-4 for 4" Pipe)			
4" pipe	M-7336	3	25CP	#2 Str	4" to 24" pipe	M-175-P.S.	3	32CI
6" to 8" pipe	M-131	3	25CP		30" & Larger pipe	M-175	3	32CI
10" & Larger pipe	M-129	3	25CP		Replace P.S. with Pipe Size (Ex. M-175-4 for 4" Pipe)			
4" pipe	M-7349	3	32CP	#1 Str	4" to 24" pipe	M-7354-P.S.	3	45CI
6" to 8" pipe	M-7350	3	32CP		30" & Larger pipe	M-7354	3	45CI
10" & Larger pipe	M-7348	3	32CP		Replace P.S. with Pipe Size (Ex. M-7354-4 for 4" Pipe)			
4" pipe	M-7337	3	32CP	1/0 Str	4" to 24" pipe	M-5809-P.S.	3	45CI
6" to 8" pipe	M-134	3	32CP		30" & Larger pipe	M-5809	3	45CI
10" & Larger pipe	M-132	3	32CP		Replace P.S. with Pipe Size (Ex. M-5809-4 for 4" Pipe)			
4" pipe	M-7338	3	45CP	2/0 Str	4" to 24" pipe	M-7355-P.S.	3	45CI
6" to 8" pipe	M-137	3	45CP		30" & Larger pipe	M-7355	3	45CI
10" & Larger pipe	M-135	3	45CP		Replace P.S. with Pipe Size (Ex. M-7355-4 for 4" Pipe)			

HAMMER DIES

Bonds can be made in the field using your own cable, a copper adapter sleeve and a hammer die.

PART #	WIRE SIZE	SLEEVE
38-6020-00	#6 Str	38-0202-00
38-4859-00	#4 Str	38-0204-00
38-0310-00	#2 Str	38-0203-00
38-0392-00	#1 Str	38-0209-00
38-0311-00	1/0 Str	38-0205-00
38-0312-00	2/0 Str	38-0240-00



DO NOT use Type CS-48 molds on Soil Pipe (ASTM A74-82). A test weld should be made on a section of the pipe being used to determine the possibility of detrimental metallurgical effects.