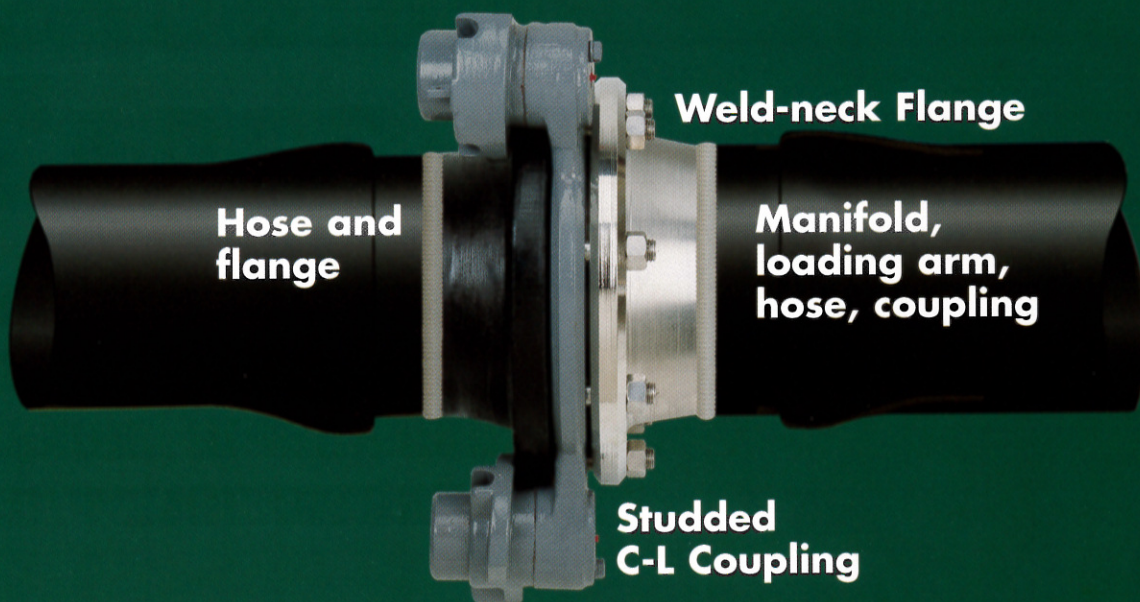


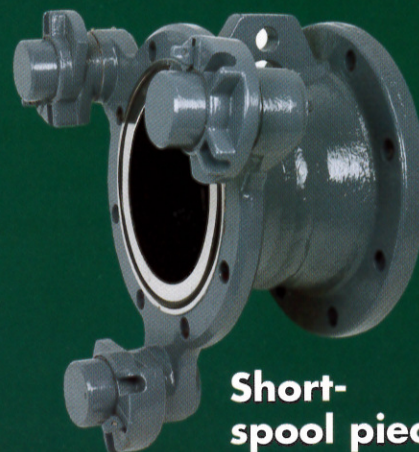
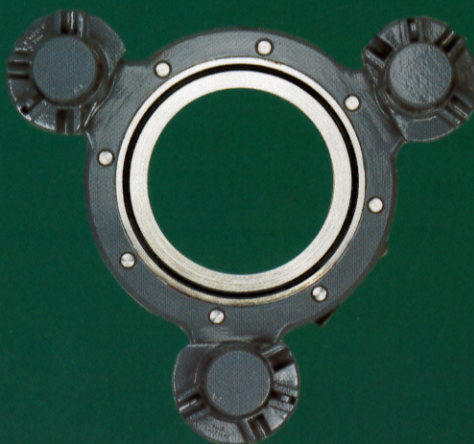


# C-L COUPLINGS

**FLANGE-TO-FLANGE CONNECTIONS ARE  
QUICK AND EASY!**



**Blind  
flange**



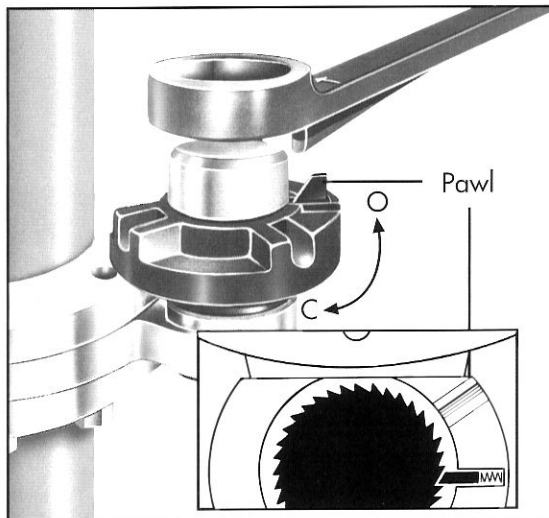
**Short-  
spool piece**



# C-L COUPLINGS

## Studded-end • Weld-neck Short spool piece

These couplings give you the quickest, safest possible flanged connections on a wide range of applications: hoses, manifolds, loading arms, valves. The helical cams (from three to ten per coupling, depending on diameter) are easily rotated into place - the average three-cam connection is accomplished in less than a minute. And each cam is individually locked in place so that it cannot be loosened without the special wrench (see right). The result is a vibration-proof, leak-proof, twist-proof connection. These couplings are built to 150# or 300# ANSI standards, but can be configured to match any application.



## Each cam locks safely in place

When the mating flange is inserted into the coupling, each helical cam is tightened with this supplied wrench which activates a built-in ratchet lock (see inset). When the wrench is removed, the pawl grips tightly against the ratchet teeth, preventing the cam from turning toward open and loosening. To open the coupling, the collar on the wrench disengages the pawl from the ratchet, which then allows the cam to rotate counter-clockwise, releasing the flange.

## 150# SERVICE

Studded Couplings						Weld-neck Couplings		Short-Spool Piece Couplings		
Size	Clearance diam. incl. cams	Stud Data		Height w/studs	Wt.	Overall Height thru hub	Wt.	Overall Height thru hub	Spool Piece face/face	Wt.
		L	D							
4"	19½"	2½"	⅝"	6⅝"	50 lbs.	6⅝"	53 lbs.	9⅝"	6"	66 lbs.
6"	21¾"	3⅝"	¾"	6⅝"	57 lbs.	7⅝"	63 lbs.	10⅝"	7"	80 lbs.
8"	24¼"	3⅝"	¾"	7⅝"	76 lbs.	7⅝"	86 lbs.	11⅝"	8"	114 lbs.
10"	27"	3½"	⅞"	7½"	95 lbs.	7⅞"	105 lbs.	11⅞"	8"	145 lbs.
12"	30"	3½"	⅞"	7⅝"	125 lbs.	8⅞"	147 lbs.	12⅝"	9"	208 lbs.
14"	32"	4⅝"	1"	8⅝"	161 lbs.	9⅝"	181 lbs.	14⅝"	10"	264 lbs.
16"	33¾"	4⅝"	1"	8⅝"	198 lbs.	9⅝"	224 lbs.	14⅝"	10"	330 lbs.
20"	37¾"	4⅝"	1⅝"	8⅝"	304 lbs.	10⅝"	322 lbs.	15¾"	11⅝"	467 lbs.

Contact factory for drawing, if required.



**MMC International Corp.**  
60 Inip Drive  
Inwood, NY 11096-0664 U.S.A.  
Phone: 1-800-645-7339  
1-516-239-7339  
Telex: 96-0140 MAMCAF INND  
Fax: 1-516-371-3134

WEB: <http://www.mmintl.com>  
E-MAIL: [mmcinwd@aol.com](mailto:mmcinwd@aol.com)

**MMC (Europe) Ltd.**  
South Nelson Road  
South Nelson Industrial Estate  
Cramlington  
Northumberland NE23 9WF UK  
Phone: (01670) 738111  
Telex: 537005 MARINE G  
Fax: (01670) 738789  
E-Mail: [mmceurope@email.msn.com](mailto:mmceurope@email.msn.com)

**MMC (Asia) Ltd.**  
7-7, 2-Chome, Kotonoo-Cho  
Chuo-ku, Kobe 651  
Japan  
Phone: (078) 251-1033  
Telex: 5624163 OPECK J  
Fax: (078) 252-0265