

## CAMLOCKS (coupler and adaptor)

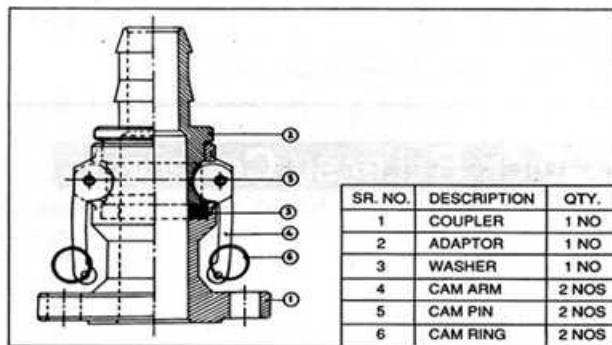
**Universal** Camlocks ensures no separation of line pressure used widely in industries, namely, breweries, chemicals, dyes, fertilizers, inks, minings, petroleums, paper mills, textiles and other industrial establishments, in a way, Camlock body is made from solid bar stock of aluminium / mild steel / brass / SS304 / SS316, or else body is made from castings of carbon steel WCB grade or I.S. 1030 / gunmetal LG 2C grade / aluminium bronze AB2C grade / SS304 (cf 0.08) / SS316 (c.f.0.08), cam arms is made from castings of SS304 / SS316 / gunmetal / aluminium bronze, seal material of standard nitrile / silicon / hypalon / neoprene with end connections as per requirements, suitable to withstand working pressures from 100 psi to 500 psi and temperature from - 40°C to +350°C with proper selection of body and seal materials.

### RANGE

■ Sizes 1/2" (12.5mm) to 6" (150mm).

End Connections: Socket welding, hose thread, pipe thread, hose shank and flanged.

| Sr. No. | Size   | L1 in mm | L2 in mm | L3 in mm | L4 in mm | L5 in mm | L6 in mm | L7 in mm | L8 in mm | D in mm | d in mm | H in mm | C in mm | B in mm |
|---------|--------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| 1.      | 1/2"   | 73       | 54       | 48       | 42       | 53       | 53       | 77       | 46       | 58      | 35      | 14      | 9.5     | 21.0    |
| 2.      | 3/4"   | 81       | 57       | 51       | 42       | 56       | 56       | 89       | 49       | 58      | 35      | 22      | 12.7    | 27.3    |
| 3.      | 1"     | 88       | 62       | 57       | 48       | 60       | 60       | 90       | 51       | 60      | 38      | 28      | 12.7    | 34.0    |
| 4.      | 1-1/2" | 109      | 75       | 68       | 59       | 72       | 72       | 110      | 63       | 85      | 65      | 41      | 12.7    | 48.9    |
| 5.      | 2"     | 131      | 81       | 80       | 69       | 79       | 80       | 131      | 70       | 95      | 72      | 52      | 16.0    | 61.3    |
| 6.      | 2-1/2" | 139      | 88       | 81       | 69       | 85       | 85       | 138      | 73       | 110     | 90      | 66      | 16.0    | 74.2    |
| 7.      | 3"     | 160      | 91       | 87       | 75       | 87       | 87       | 160      | 75       | 135     | 105     | 79      | 16.0    | 90.2    |
| 8.      | 4"     | 169      | 104      | 95       | 76       | 101      | 101      | 164      | 82       | 155     | 135     | 106     | 19.0    | 115.8   |
| 9.      | 5"     | 191      | 104      | 95       | 76       | 101      | 101      | 188      | 82       | 194     | 162     | 130     | —       | —       |
| 10.     | 6"     | 201      | 122      | 110      | 92       | 111      | 111      | 196      | 93       | 222     | 196     | 155     | —       | —       |



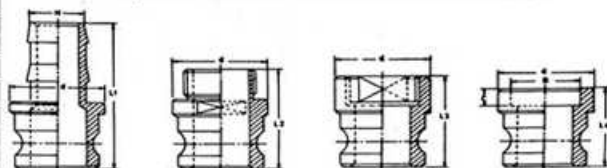
| SR. NO. | DESCRIPTION | QTY.  |
|---------|-------------|-------|
| 1       | COUPLER     | 1 NO  |
| 2       | ADAPTOR     | 1 NO  |
| 3       | WASHER      | 1 NO  |
| 4       | CAM ARM     | 2 NOS |
| 5       | CAM PIN     | 2 NOS |
| 6       | CAM RING    | 2 NOS |

Sectional View

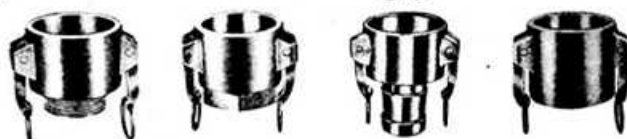
### ADAPTOR



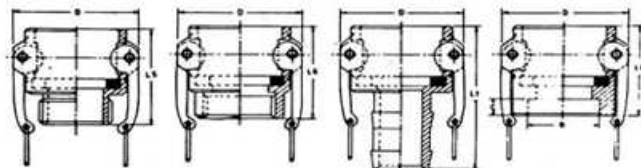
Adaptors Sectional View & Dimension Details



### COUPLER



Couplers Sectional View & Dimension Details



DUST CAP

DUST PLUG

DOUBLE ADAPTOR

FLANGED ADAPTOR



FLANGED COUPLER



COUPLER ADAPTOR



SECTIONAL VIEW OF D&A ASSLY.

### Minimum Information Required While Sending Enquiry / Order

1. Size i.e. 1/2" or 1" & so on.
2. Body material i.e. out of solid bar stock or of casting and grade thereof i.e. SS304 & so on.
3. Cam arm material i.e. SS304/SS316 & so on.
4. Seal material i.e. nitrile or silicon & so on.
5. Coupler style & configuration i.e. male thread or female or hose & type BSP or NPT.
6. Adaptor style & configuration.
7. Working pressure in psi or kg/cm<sup>2</sup>.
8. Temp. range.
9. Application.
10. Quantity in nos.

★ Manufacture of other type & style undertaken for which please send old used specimen sample and details as indicated in min. information reqd. while sending enquiry be sent.