

BOXER[®]
INDIA



Camlock Couplings



About Us

BOXER INDIA is one of the fast growing company engaged in the manufacture of wide range of quality Rubber / Metallic Flexible hose assemblies and expansion joints / bellows and Camlock Couplings, Quick Release Coupling and Hydraulic fittings. Cam and groove couplings are also called cam lock fittings. These are quick connect couplings commonly used in various industries as a hose connection to prevent leakages. The coupling is well-known because it is an easy and inexpensive way of connection, re-connection or disconnecting.

BOXER INDIA is an ISO 9001:2008 Certified Company, which has a comprehensive Quality Management System in place with continuously improving quality objectives to assure the product meet or exceeds customer expectation and requirements. BOXER INDIA plant in-house high-Tech machines backed by highly qualified and experienced personal to produce end connections as per international standards and are designed to perform toughest word wide industrial application & stringent customer requirements.

Camlock Coupling Selection Information

- (1) Camlock Size i.e. ½" or 1" & so on.
- (2) Body material i.e. out of solid bar stock or of casting and grade thereof i.e. SS304 / SS316 & so on.
- (3) Cam arm material i.e. stainless steel SS304/SS316 & so on.
- (4) Seal material i.e. nitrite or silicone & so on.
- (5) Quick Coupler style & configuration i.e. male thread or female or hose & type BSP or NPT.
- (6) Adapter style & configuration.
- (7) Working pressure in psi or kg/cm².
- (8) Temperature range.
- (9) Application.
- (10) Quantity in



Camlocks

TYPE A
MALE CAMLOCK X
FEMALE BSP THREAD



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050A	****
3/4"	BICS075A	BICA075A
1"	BICS100A	BICA100A
1 1/4"	BICS125A	BICA125A
1 1/2"	BICS150A	BICA150A
2"	BICS200A	BICA200A
2 1/2"	BICS250A	BICA250A
3"	BICS300A	BICA300A
4"	BICS400A	BICA400A
5"	BICS500A	BICA500A
6"	BICS600A	BICA600A

TYPE B
FEMALE CAMLOCK X
MALE BSP THREAD



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050B	****
3/4"	BICS075B	BICA075B
1"	BICS100B	BICA100B
1 1/4"	BICS125B	BICA125B
1 1/2"	BICS150B	BICA150B
2"	BICS200B	BICA200B
2 1/2"	BICS250B	BICA250B
3"	BICS300B	BICA300B
4"	BICS400B	BICA400B
5"	BICS500B	BICA500B
6"	BICS600B	BICA600B

Camlocks

TYPE C FEMALE CAMLOCK X HOSETAIL



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050C	****
3/4"	BICS075C	BICA075C
1"	BICS100C	BICA100C
1 1/4"	BICS125BC	BICA125C
1 1/2"	BICS150C	BICA150C
2"	BICS200C	BICA200C
2 1/2"	BICS250C	BICA250C
3"	BICS300C	BICA300C
4"	BICS400C	BICA400C
5"	BICS500C	BICA500C
6"	BICS600C	BICA600C

TYPE D FEMALE CAMLOCK X FEMALE BSP THREAD



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050D	****
3/4"	BICS075D	BICA075D
1"	BICS100D	BICA100D
1 1/4"	BICS125BD	BICA125D
1 1/2"	BICS150D	BICA150D
2"	BICS200D	BICA200D
2 1/2"	BICS250D	BICA250D
3"	BICS300D	BICA300D
4"	BICS400D	BICA400D
5"	BICS500D	BICA500D
6"	BICS600D	BICA600D

Camlocks

TYPE E
MALE CAMLOCK X
HOSE TAIL



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050E	****
3/4"	BICS075E	BICA075E
1"	BICS100E	BICA100E
1 1/4"	BICS125E	BICA125E
1 1/2"	BICS150E	BICA150E
2"	BICS200E	BICA200E
2 1/2"	BICS250E	BICA250E
3"	BICS300E	BICA300E
4"	BICS400E	BICA400E
5"	BICS500E	BICA500E
6"	BICS600E	BICA600E

TYPE F
MALE CAMLOCK X
MALE BSP THREAD



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050F	****
3/4"	BICS075F	BICA075F
1"	BICS100F	BICA100F
1 1/4"	BICS125F	BICA125F
1 1/2"	BICS150F	BICA150F
2"	BICS200F	BICA200F
2 1/2"	BICS250F	BICA250F
3"	BICS300F	BICA300F
4"	BICS400F	BICA400F
5"	BICS500F	BICA500F
6"	BICS600F	BICA600F

Camlocks

TYPE DC FEMALE DUST CAP



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050DC	****
3/4"	BICS075DC	BICA075DC
1"	BICS100DC	BICA100DC
1 1/4"	BICS125DC	BICA125DC
1 1/2"	BICS150DC	BICA150DC
2"	BICS200DC	BICA200DC
2 1/2"	BICS250DC	BICA250DC
3"	BICS300DC	BICA300DC
4"	BICS400DC	BICA400DC
5"	BICS500DC	BICA500DC
6"	BICS600DC	BICA600DC

TYPE DP FEMALE DUST PLUG



SIZE	STAINLESS STEEL	ALUMINIUM
1/2"	BICS050DP	****
3/4"	BICS075DP	BICA075DP
1"	BICS100DP	BICA100DP
1 1/4"	BICS125DP	BICA125DP
1 1/2"	BICS150DP	BICA150DP
2"	BICS200DP	BICA200DP
2 1/2"	BICS250DP	BICA250DP
3"	BICS300DP	BICA300DP
4"	BICS400DP	BICA400DP
5"	BICS500DP	BICA500DP
6"	BICS600DP	BICA600DP

Camlocks

TYPE FA FLANGE ADAPTOR



SIZE	STAINLESS STEEL	ALUMINIUM
1"	BICS100FA	BICA100FA
1 1/4"	BICS125FA	BICA125FA
1 1/2"	BICS150FA	BICA150FA
2"	BICS200FA	BICA200FA
2 1/2"	BICS250FA	BICA250FA
3"	BICS300FA	BICA300FA
4"	BICS400FA	BICA400FA
5"	BICS500FA	BICA500FA
6"	BICS600FA	BICA600FA

TYPE FD FLANGE COUPLER



SIZE	STAINLESS STEEL	ALUMINIUM
1"	BICS100FC	BICA100FC
1 1/4"	BICS125FC	BICA125FC
1 1/2"	BICS150FC	BICA150FC
2"	BICS200FC	BICA200FC
2 1/2"	BICS250FC	BICA250FC
3"	BICS300FC	BICA300FC
4"	BICS400FC	BICA400FC
5"	BICS500FC	BICA500FC
6"	BICS600FC	BICA600FC

Camlocks



CAMLOCK PINS

SIZE	STAINLESS STEEL
1/2 - 3/4"	BISS-CP020
1"	BISS-CP025
1.1/4 - 2.1/2"	BISS-CP050
3 - 4.1/2"	BISS-CP100
5 - 6"	BISS-CP150



LEVERS / ARMS

SIZE	STAINLESS STEEL
1/2 - 3/4"	BISS-CL020
1"	BISS-CL025
1.1/4 - 2.1/2"	BISS-CL050
3" - 4"	BISS-CL100
5 - 6"	BISS-CL150

Working Pressure

INCH	1/2"		3/4" - 2"		2.1/2"		3"		4"		5"		6"		8"	
Working Pressure	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi	Bar	Psi
Brass	11	150	18	250	11	150	9	125	7	100	5	75	5	75	-	-
Bronze	-	-	18	250	11	150	9	125	7	100	-	-	-	-	-	-
Aluminum	11	150	18	250	11	150	9	125	7	100	5	75	5	75	5	75
Stainless Steel	11	150	18	250	16	225	14	200	7	100	7	100	7	100	3	50

Camlocks



WASHERS

SIZE	BUNA	EPDM	TEFLON	VITON
1/2"	BIWB-012	BIWE-012	BIWT-012	BIWV-012
3/4"	BIWB-020	BIWE-020	BIWT-020	BIWV-020
1"	BIWB-025	BIWE-025	BIWT-025	BIWV-025
1.1/4"	BIWB-032	BIWE-032	BIWT-032	BIWV-032
1.1/2"	BIWB-038	BIWE-038	BIWT-038	BIWV-038
2"	BIWB-050	BIWE-050	BIWT-050	BIWV-050
2.1/2"	BIWB-063	BIWE-063	BIWT-063	BIWV-063
3"	BIWB-075	BIWE-075	BIWT-075	BIWV-075
4"	BIWB-100	BIWE-100	BIWT-100	BIWV-100
5"	BIWB-125	BIWE-125	BIWT-125	BIWV-125
6"	BIWB-150	BIWE-150	BIWT-150	BIWV-150

Cam-Lock Coupling Safety Precautions

- Low pressure connection.
- Match product to be conveyed with proper alloy couplings.
- Pressure test hose assembly, prior to application, to ensure tight and leak free assembly of hose, coupling & clamp.
- Fluidized dry products are more abrasive than liquids. In those applications, couplings should be frequently checked for excessive wear and replaced when necessary.
- Pressurized media creates hazardous conditions. Tie-off hose ends to guard against accidental separation of lines and to prevent whipping or bucking of the hose.
- Use handle locking devices.

**Industries Where Camlock Couplings
Are Used:**

Agriculture Irrigation

Food and Beverage

Oil and refinery

Fire control

Construction

Chemical

Colliery

Sanitary

Water treatment



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INDIA

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