



Offshore Fluid Flow Camlock Couplings Technical Specifications

Camlock Technical Specification QUICK COUPLER HIC Manufactured UNIVERSAL Brand

Universal Camlocks ensures no separation of line pressure used widely in industries, namely, breweries, chemicals, dyes, fertilizers, inks, mining, petroleum, 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 casting 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 degree C to +350C with proper selection of body and seal materials.



Camlock COUPLING Product Specification



- Slurry Viscose sticky material transfer hydraulic Camlock couplings in stainless steel SS 304, SS 316, aluminium , brass in ½" (12.5 mm) to 6" (150 mm) sizes coupler adaptor sets.
- Quick connector cam arm Coupler male (part B), female (part D) ; Adaptor female (part A) , male (part F) ; Hose Shank coupler (part C) . adaptor (part E).
- Threaded BSP-NPT and Flanged as per ANSI B16.5 150 class RF or ASA 150 class cam groove couplings end connections.

Contact For Quote:

HIC INTERNATIONAL CO -Industrial Valve Products Camlock Div

D-136, Shankar Road, New Delhi - 110060, India

Phone: 91-11-6547 2400, 2874 5120

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Website : <http://www.rubber-steel-industrial-products.com>

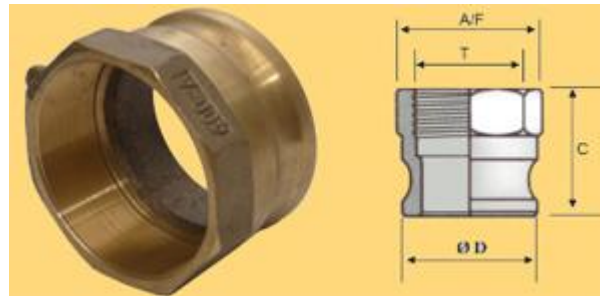
Key personnel : Mr. Anil Gupta, President



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Camlock Female Adaptor A



Camlock Female Adaptor A

Serial No.	Camlock Size	A/F	C	ØD
1	1/2"	25	40	22.7
2	3/4"	33	43.6	32.1
3	1"	38.5	48.1	36.7
4	1 1/4"	48	55	45.5
5	1 1/2"	54	55.5	53.4
6	2"	66.5	62	63
7	2 1/2"	80.5	86.3	75.8
8	3"	96	70.2	91.5
9	4"	130.5	79.9	119.5
10	5"	155.5	80.9	145.5
11	6"	183.5	94.1	176.3

All dimensions are in mm ; dimensions subject to change without notice please.



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Camlock Male Coupler B



Camlock Male Coupler B

Serial No.	Camlock Size	A	B	C
1	1/2"	119.4	54.7	54.1
2	3/4"	113.0	53.0	49.3
3	1"	133.1	63.2	63.5
4	1 1/4"	180.0	84.0	66.0
5	1 1/2"	190.6	82.1	72.6
6	2"	198.6	94.1	84.7
7	2 1/2"	210.0	109.2	83.9
8	3"	253.2	132.8	92.5
9	4"	272.2	160.4	93.2
10	5"	354.0	200.0	115.5
11	6"	422.0	258.0	112.0

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Camlock Hose Coupler C



Camlock Male Coupler B

Serial No.	Camlock Size	A	B	C	H	ØD
1	1/2"	114.0	52.0	84.0	52.3	15.2
2	3/4"	113.9	52.0	84.0	52.3	20.9
3	1"	120.5	60.2	106.9	60.9	26.1
4	1 1/4"	177.0	80.0	112.0	57.0	34.6
5	1 1/2"	189.4	83.6	112.5	68.5	39.7
6	2"	193.7	95.0	129.6	79.7	52.5
7	2 1/2"	211.0	106.8	139.2	87.0	65.9
8	3"	241.9	133.5	162.1	104.7	77.1
9	4"	263.0	158.0	163.0	93.0	102.5
10	5"	336.0	200.0	191.5	125.0	131.2
11	6"	402.7	229.3	230.0	165.0	149.6

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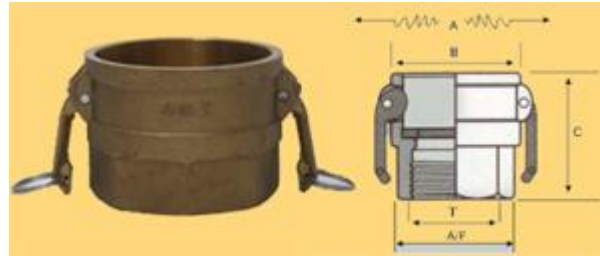
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Camlock Female Coupler D



Camlock Female Coupler D

Serial No.	Camlock Size	A	B	C	A/F
1	1/2"	105.0	46.0	42.5	25.5
2	3/4"	115.0	53.0	46.0	32.0
3	1"	133.3	61.3	55.3	38.5
4	1 1/4"	177.0	80.0	63.0	50.0
5	1 1/2"	188.0	92.3	66.0	54.5
6	2"	198.4	100.7	75.7	66.5
7	2 1/2"	211.3	111.7	82.3	81.5
8	3"	244.2	134.4	87.2	94.5
9	4"	280.0	163.0	100.9	124.0
10	5"	306.4	192.0	106.3	153.5
11	6"	418.9	245.2	113.0	185.0

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Camlock Hose Adaptor E



Camlock Hose Adaptor E

Serial No.	Camlock Size	ØD1	C	ØH	ØD	L
1	1/2"	34.0	70.5	15.0	32.5	38.0
2	3/4"	32.7	87.0	22.0	32.1	51.3
3	1"	41.5	99.0	27.0	36.7	54.7
4	1 1/4"	54.5	110.0	34.0	45.5	56.0
5	1 1/2"	55.4	114.4	39.2	53.4	60.6
6	2"	66.7	131.5	52.6	63.0	69.7
7	2 1/2"	81.1	142.5	66.5	75.8	80.3
8	3"	101.5	144.1	79.4	91.5	81.3
9	4"	123.7	175.2	102.3	119.5	141.2
10	5"	166.5	199.2	132.0	146.0	121.4
11	6"	209.1	246.7	157.5	175.3	159.9

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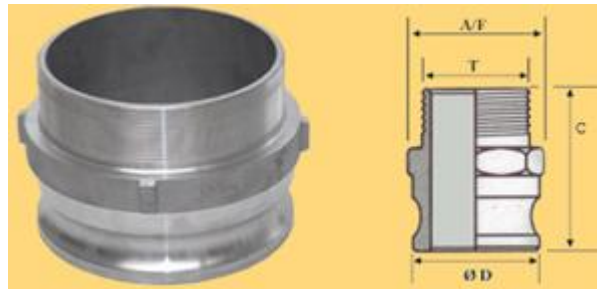
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Camlock Male Adaptor F



Camlock Male Adaptor F

Serial No.	Camlock Size	A/F	C	ØD
1	1/2"	34.0	49.0	32.0
2	3/4"	32.5	55.0	32.1
3	1"	40.0	66.0	36.7
4	1 1/4"	48.0	77.0	45.5
5	1 1/2"	55.5	76.8	53.4
6	2"	65.0	86.6	63.0
7	2 1/2"	81.0	99.5	75.8
8	3"	92.5	100.0	91.5
9	4"	120.5	113.3	119.5
10	5"	156.0	130.4	146.0
11	6"	179.5	139.8	175.8

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Camlock Dust Cap



Camlock Dust Cap

Serial No.	Camlock Size	A	B	C	D
1	1/2"	117.0	60.0	46.0	38.0
2	3/4"	117.0	60.0	46.0	38.0
3	1"	135.0	69.0	51.0	41.0
4	1 1/4"	177.0	80.0	54.0	44.0
5	1 1/2"	149.0	87.0	57.0	47.0
6	2"	159.0	97.0	65.0	54.0
7	2 1/2"	207.0	111.0	70.0	54.0
8	3"	253.0	137.0	70.0	59.0
9	4"	278.0	162.0	74.0	61.0
10	5"	305.0	189.0	75.0	62.0
11	6"	413.0	260.0	85.0	71.0

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Camlock Dust Plug



Camlock Dust Plug

Serial No.	Cam Groove Coupling Size	ØD	ØE	F	C
1	1/2"	32.6	14.0	29.0	37.0
2	3/4"	32.6	19.0	29.0	37.0
3	1"	36.5	24.0	32.0	42.0
4	1 1/4"	45.4	27.0	39.0	51.0
5	1 1/2"	53.3	36.0	41.0	51.0
6	2"	63.0	45.0	49.0	60.0
7	2 1/2"	75.8	57.5	46.0	58.0
8	3"	92.0	71.0	53.0	64.0
9	4"	119.4	80.0	53.0	66.0
10	5"	146.0	86.0	54.0	67.0
11	6"	176.0	86.0	54.0	68.0

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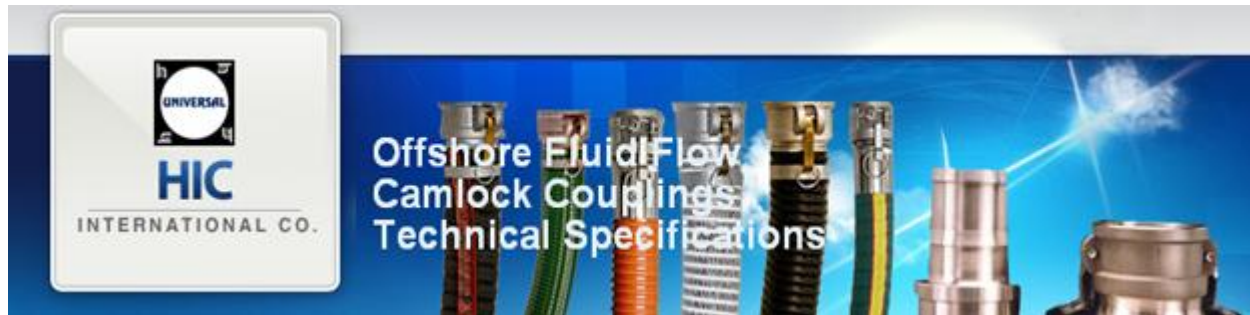
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Camlock Coupling Information To Be Supplied With Enquiry or Order

- (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

*** Manufacture of other type & style undertaken for which please send old used specimen sample and details as indicated in min. information required while sending enquiry b e sent.**

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