



STAINLESS STEEL FITTING SERIES

Stainless Steel Pipe Fittings

COUPLINGS | NIPPLES | ELBOWS | TEES | UNIONS



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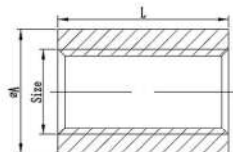
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Pipe Fittings

Full Coupling/Socket (pipe surface/polished surface/machined surface)

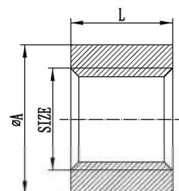
Item No.: ISO4144(CW PF-CP4,CW PF-CP P4,CW PF-CP M4)DIN2986(CW PF-CP2,CW PF-CP P2,CW PF-CP M2)



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A		13	16.5	20	24.5	30	37	46.5	53	65	81.5	95	121.5
	L		17	24	25	32	35	41	45	45	54	63	69	81
Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
DIN2986	A		15	18.5	21.3	26.6	31.8	39.5	48.3	54.5	66.3	82	95	122
	L		17	25	26	34	36	43	48	48	56	65	71	83

Half Coupling/Socket (pipe surface/polished surface/machined surface)

Item No.: ISO4144(CW PF-HCP4,CW PF-HCP P4,CW PF-HCP M4)DIN2986(CW PF-HCP2,CW PF-HCP P2,CW PF-HCP M2)



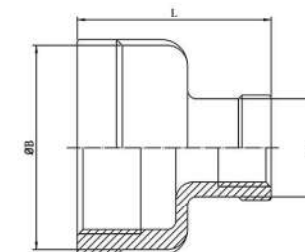
Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A		13	16.5	20	24.5	30	37	46.5	53	65	81.5	95	121.5
	L		8	11	12	15	17	19.5	22	22	26	30.5	34	40

Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
DIN2986	A		15	18.5	21.3	26.6	31.8	39.5	48.3	54.5	66.3	82	95	122
	L		8	11	12	15	17	19.5	22	22	26	30.5	34	40

Pipe Fittings

Red Socket

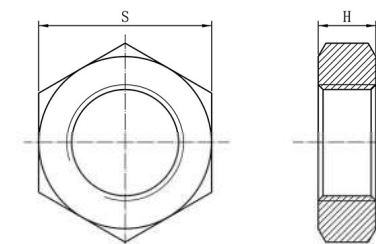
Item No.: CW PF-RSB



Item	Size	1/4"		3/8"		1/2"		3/4"		1"		1-1/4"		1-1/2"		2"		2-1/2"		3"		4"			
		1/8"	1/8"	1/4"	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1/2"	3/4"	1"	1-1/4"	3/4"	1"	1-1/4"	1-1/2"	1-1/2"	2"	2"	2-1/2"
A	13	13	16.5	13	16.5	20	13	16.5	20	24.5	16.5	20	24.5	30	24.5	30	37.5	46.5	53	53	65.5	65.5	82	82	95
B	16.5	20		24.5		30		37.5		46.5		53		65.5		81.5		95.5		121.5					
L	25	26	34		36		42		48		52		58		65		72		94						

Hex Nut

Item No.: CW PF-LN

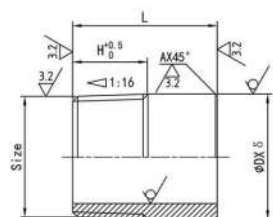


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	H		5	6	6	7	7	9	11	11	13	15	17	19
	S		16	18	24	30	34	42.5	52	58	72	85	100	125

Pipe Fittings

Welding Nipple/TOE Nipple SCH20/SCH40

Item No.: CW PF-WN,CW PF-WN4

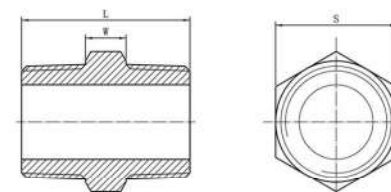


Item	Size	R1/8"	R1/4"	R3/8"	R1/2"	R3/4"	R1"	R1-1/4"	R1-1/2"	R2"	R2-1/2"	R3"	R4"	R5"	R6"
L		30	30	30	35	40	40	50	50	50	60	70	80	100	100
H		10	12	13	15	17	19.5	21	22.5	25	28.5	31.5	37.5	42.5	42.5
A(SCH20)		1	1	1	1	1	1.2	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5
B(SCH40)		1	1	1	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Ø(SCH20)		1.9	2.24	2.31	2.3	2.3	2.8	2.8	2.8	3.3	3.3	3.8	3.8	5	6
Ø(SCH40)		1.9	2.24	2.31	2.77	2.87	3.88	3.56	3.68	3.91	5.16	5.49	6.02	6.55	7.11

Pipe Fittings

Hex Nipple

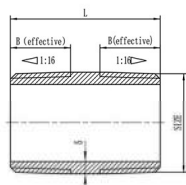
Item No.: CW PF-HN



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	L		20	25	27	34	36.5	42	47.5	47.5	57	61	67.5	80
	S		11	14.5	18.5	22.5	28	34	44	50	62	78	90.5	116.5
	W		4	4	5	5	5.5	6	6.5	6.5	7	7	7.5	8

Barrel Nipple/TBE Nipple SCH20/SCH40

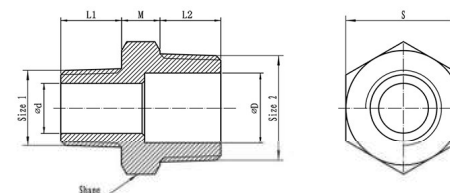
Item No.: CW PF-BN,CW PF-BN4



Item	Size	R1/8"	R1/4"	R3/8"	R1/2"	R3/4"	R1"	R1-1/4"	R1-1/2"	R2"	R2-1/2"	R3"	R4"	R5"	R6"
L		40	40	40	55	60	65	75	75	90	100	110	125	150	180
B		8.4	12	12.4	16	17.3	20.6	22.9	22.9	27.2	30.5	33.6	39.6	43.9	43.9
Ø(SCH20)		1.9	2.24	2.31	2.3	2.3	2.8	2.8	2.8	3.3	3.3	3.8	3.8	5	6
Ø(SCH40)		1.9	2.24	2.31	2.77	2.87	3.38	3.56	3.68	3.91	5.16	5.49	6.02	6.55	7.11

Red Hex Nipple

Item No.: CW PF-RHN

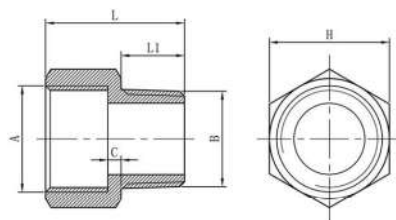


Standard	Item	Size	1/8"	1/4"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	L1		8	10.5	11	10.5	11	14.5	15.5	18	20.5	25	27
	L2		10.5	11	14.5	14.5	15.5	15.5	18	20.5	20.5	25	27
	M		4	5	5	5	5	5.5	5.5	6	6	6.5	6.5
	d		5.5	5.5	8	5.5	8	11.5	15	20.5	26	34.5	40
	D		8	11.5	15	20.5	26	34.5	40	51	65.5	77.5	101.5

Pipe Fittings

Red Hex Nipple M/F

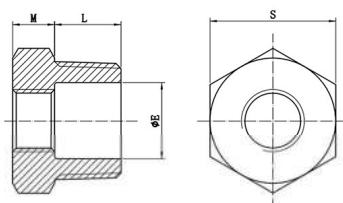
Item No.: CW PF-SHN



Standard	Item	Size	1/4"X1/8"	3/8"X1/4"	1/2"X1/4"	1/2"X3/8"	3/4"X3/8"	3/4"X1/2"	1"X1/2"	1"X3/4"	1-1/4"X3/4"	1-1/4"X1"	1-1/2"X1"	1-1/2"X1-1/4"	2"X1-1/4"	2"X1-1/2"
ISO4144	H		16.5	20	24.5	24.5	30	30	37.5	37.5	46.5	46.5	53	53	65.5	65.5
	L		23	26	28.5	29.5	30.5	34.5	37	38.5	40.5	44	44.5	47.5	50	50.5
	L1		8	10.5	10.5	11	11	14.5	14.5	15.5	15.5	18	18	20.5	20.5	20.5
	C		2	2	2.5	2.5	2.5	2.5	3	3	3	3.5	3.5	3.5	3.5	3.5

Hex Bushing

Item No.: CW PF-HB

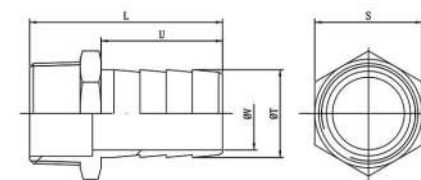


Standard	Item	Size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ISO4144	S		14.5	18.5	22.5	28	35	44	49.5	61.5	77.5	90.5	116.5	140	165
	E		8	11.5	15	20.5	26	34.5	40	51	65.5	77.5	101.5	120	145
	L		10.5	11	14.5	15.5	18	20.5	20.5	25	27	30	36	42.4	42.4
	M		4	5	5	5.5	6	6.5	6.5	7	7	7.5	8	12.6	12.6

Pipe Fittings

Hose Nipple

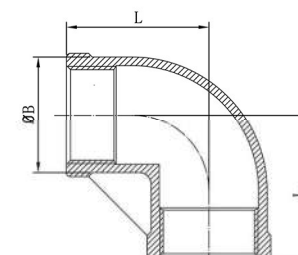
Item No.: CW PF-HON



Standard	Item	Size	1/8"×8	1/4"×9	3/8"×11	1/2"×15	3/4"×21	1"×27	1-1/4"×33	1-1/2"×39.5	2"×52	2-1/2"×67	3"×80	4"×105
CW	L		38	42.5	49	57.5	66	76	79	83	92	99	107.5	117
	U		26	28	33	38	45	52	52	56	60	65	70	73
	V		4	5	7	10.5	16	22	27.5	34.5	46	59	71	95
	T		8	9	11	15	21	27	33	39.5	52	67	80	105
	S		11	15	18	22	28	35	44	50	61.5	78	90	117

Elbow90°

Item No.: CW PF-LB90

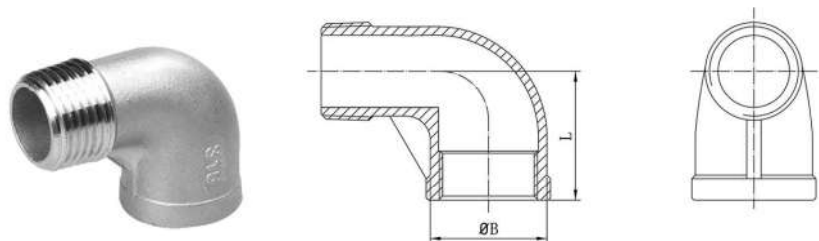


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	B		13	16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		17	19	23	27	32	38	45	48	57	69	78	96

Pipe Fittings

Street Elbow 90°

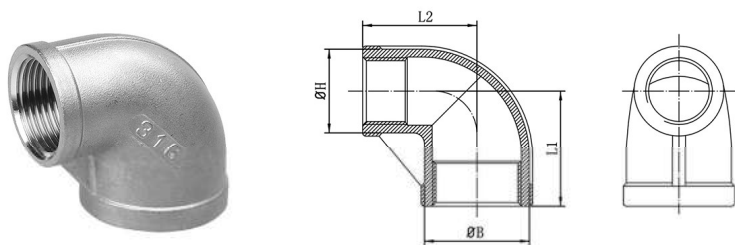
Item No.: CW PF-LB90FM



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	B		13	16.5	19.7	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		17	19	23	27	32	38	45	48	57	69	78	97

Red Elbow 90°

Item No.: CW PF-RLB90

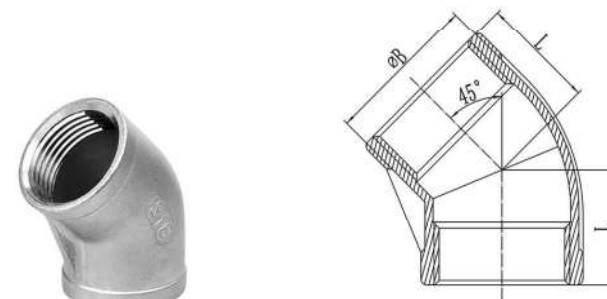


Standard	Item	Size		1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"										
		1/8"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"	3/4"	1"	1-1/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	2"	2-1/2"	3"				
ISO4144	L1	18	20	24	26	28	29	32	34	38	40	39	41	45	42	48	52	55	60	62	72	65	78	83
	L2	18	22	24	25	28	30	33	35	40	42	42	45	48	52	54	55	62	65	72	75	86	90	91
	H	13	16.5	16.5	20	20	24.5	24.5	30	30	37.5	30	37.5	46.5	37.5	46.5	53	53	65.5	65.5	82	65.5	82	95.5
	B	16.5	20		24.5		30		37.5		46.5		53			65.5		82		95.5		121.5		

Pipe Fittings

Elbow 45°

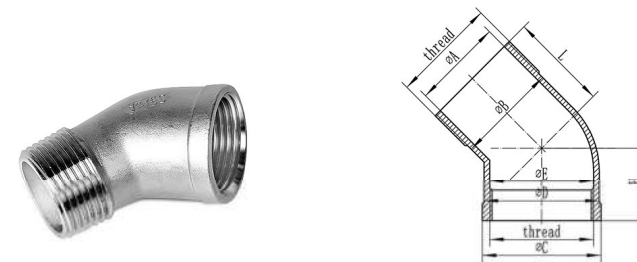
Item No.: CW PF-LB45



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	B		13	16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		16	17	19	21	25	29	33	37	42	49	54	64

Street Elbow 45° M/F

Item No.: CW PF-LB45MF

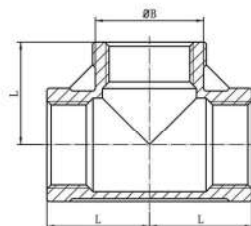


Standard	Item	Size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ISO4144	A		8	11	15	19.6	26.2	34.5	40.2	51.4
	B		11.5	14.8	18.5	23.6	30.9	39	44.8	57.5
	C		17.4	21	25.5	31.85	39	48	54.9	67.5
	D		15.9	20.3	24.5	30.4	37.9	46.4	53.6	65.5
	E		10.5	16.7	21	26.5	33.9	41.9	49.4	59.1
	L		22.6	28	30	37.5	37.5	47	47	55.8
	H		14.9	19	21	25.2	28.8	33	35.6	41.6

Pipe Fittings

Tee F/F/F

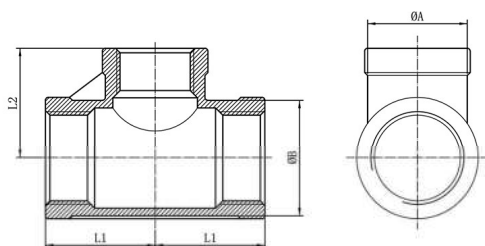
Item No.: CW PF-TB



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	B		13	16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		17	19	23	27	32	38	45	48	57	69	78	96

Red Tee F/F/F

Item No.: CW PF-RTB

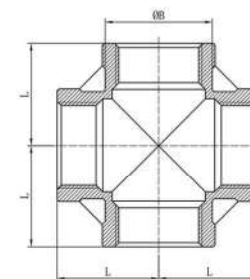


Standard	Item	Size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	L1		18	20	24	26	28	29	32	34	38	40	41
	L2		18	22	24	25	28	30	33	35	40	42	45
	A		13	16.5	16.5	20	20	24.5	24.5	30	30	37.5	37.5
	B		16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5

Pipe Fittings

Cross

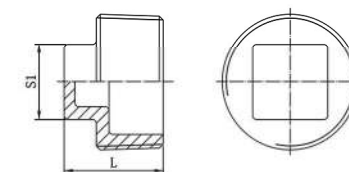
Item No.: CW PF-C



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	B		13	16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		17	19	23	27	32	38	45	48	57	69	78	96

Square Plug

Item No.: CW PF-SQ

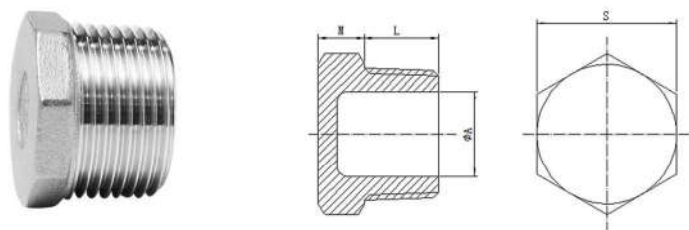


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	L		11	13.5	15	18.5	21	25.5	28	29	34.5	38.5	41.5	51.5
	S1		7	9	10	11	15	18	20.5	22	28	32	36	42

Pipe Fittings

Hex Plug

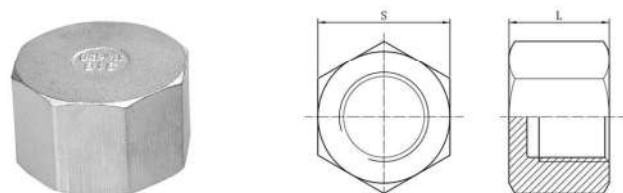
Item No.: CW PF-HP



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A		5.5	8	11.5	15	20.5	26	34.5	40	51	65.5	77.5	101.5
	S		12.5	15	18.5	22.5	28	35	44	50.5	62.5	78.5	92	118
	M		4	4	5	5	5.5	6	6.5	6.5	7	7	7.5	8
	L		8	10.5	11	14.5	15.5	18	20.5	20.5	25	27	30	36

Hex Cap

Item No.: CW PF-HCB

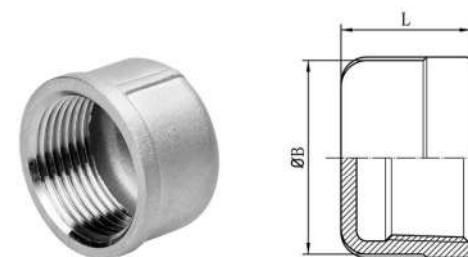


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	S		13	16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		12.5	16	16.5	21	22.5	26	29	29	33.5	38.5	42	48.5

Pipe Fittings

Round Cap

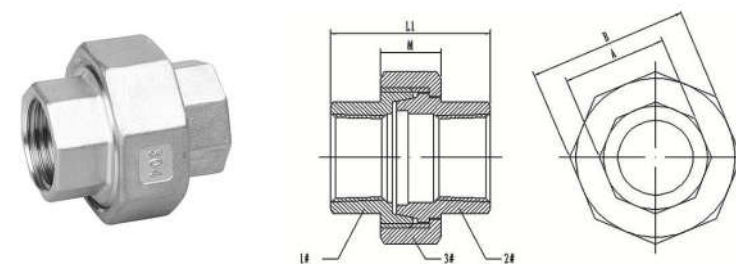
Item No.: CW PF-CB



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	B		13	16.5	20	24.5	30	37.5	46.5	53	65.5	82	95.5	121.5
	L		10.5	14	14.5	18.5	19.5	22.5	25.5	25.5	30	35	39.5	45

Union F/F Conical Sealing

Item No.: CW PF-CUZZF

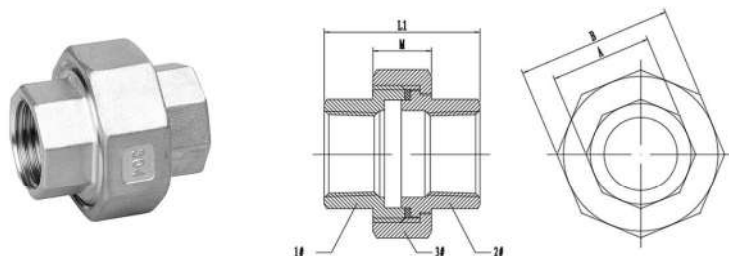


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A		13	16.5	20	24.5	30	37	46.5	53	65	82	95.5	121.5
	B		26	29	34	37	44	52.5	63	70	84	101.5	118	148.5
	L1		30	33.5	36.5	39.5	42.5	50	54	58	65	75	83	110
	M		13	13.5	15	16	17	20	22	24	27	29.5	31	34

Pipe Fittings

Union F/F PTFE Sealing

Item No.: CW PF-CUTFF

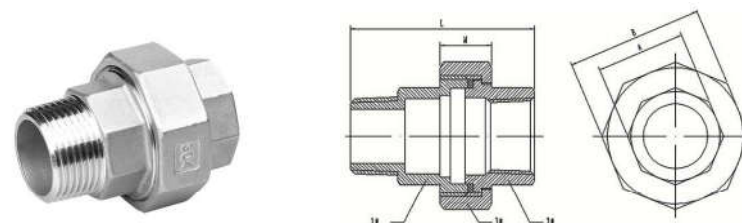


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A	13	16.5	20	24.5	30	37	46.5	53	65	82	95.5	121.5	
	B	26	29	34	37	44	52.5	63	70	84	101.5	118	148.5	
	L1	30	33.5	36.5	39.5	42.5	50	54	58	65	75	83	110	
	M	13	13.5	15	16	17	20	22	24	27	29.5	31	34	

Pipe Fittings

Union M/F PTFE Sealing

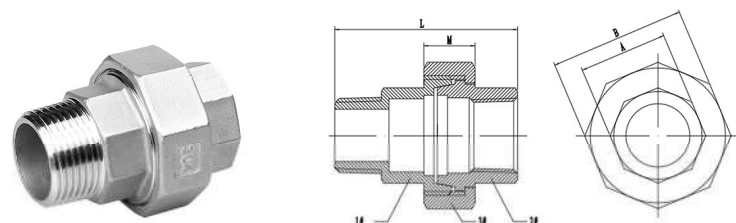
Item No.: CW PF-CUTMF



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A	13	16.5	20	24.5	30	37	46.5	53	65	82	95.5	121.5	
	B	26	29	34	37	44	52.5	63	70	84	101.5	118	148.5	
	L	38	44	47.5	54	58	68	74.5	78.5	90	102	113	146	
	M	13	13.5	15	16	17	20	22	24	27	29.5	31	34	

Union M/F Conical Sealing

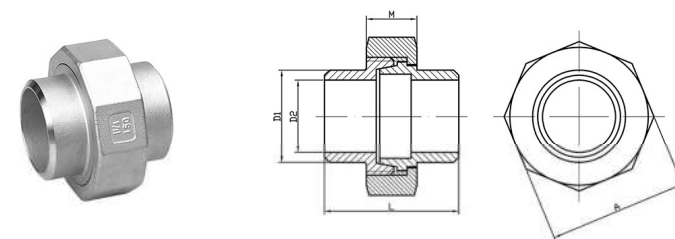
Item No.: CW PF-CUZMF



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	A	13	16.5	20	24.5	30	37	46.5	53	65	82	95.5	121.5	
	B	26	29	34	37	44	52.5	63	70	84	101.5	118	148.5	
	L	38	44	47.5	54	58	68	74.5	78.5	90	102	113	146	
	M	13	13.5	15	16	17	20	22	24	27	29.5	31	34	

Union BW Conical Sealing

Item No.: CW PF-CUZBW

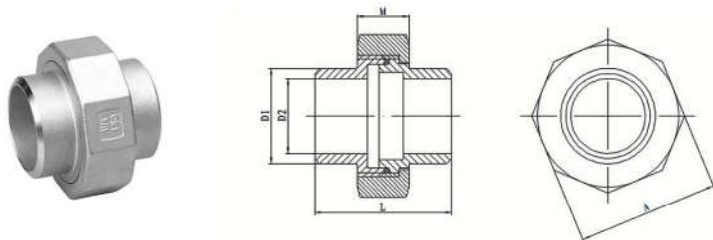


Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	L	30	33.5	36.5	39.5	42.5	50	54	58	65	75	83	110	
	M	13	13.5	15	16	17	20	22	24	27	29.5	31	34	
	A	26	29	34	37	44	52.5	63	70	84	101.5	118	148.5	
	D1	13	13.7	17.2	21.3	26.7	33.4	42.2	48.3	60.3	76.1	88.9	114.3	
	D2	8.2	9.2	12.5	15.8	20.9	26.6	35	40.9	52.5	65.8	77.9	102.3	

Pipe Fittings

Union BW PTFE Sealing

Item No.: CW PF-CUTBW



Standard	Item	Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ISO4144	L		30	33.5	36.6	39.5	42.5	50	54	58	65	75	83	110
	M		13	13.5	15	16	17	20	22	24	27	29.5	31	34
	A		26	29	34	37	44	52.5	63	70	84	101.5	118	148.5
	D1		13	13.7	17.2	21.3	26.7	33.4	42.2	48.3	60.3	76.1	88.9	114.3
	D2		8.2	9.2	12.5	15.8	20.9	26.6	35	40.9	52.5	65.8	77.9	102.3

Union F/F Conical Sealing Made by Bar

Item No.: CW PF-CUZZFB

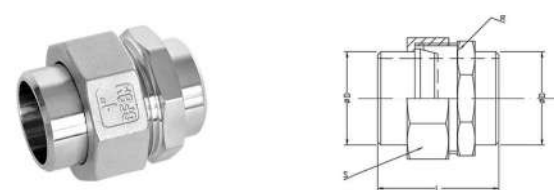


Size	D	G	S	R	T	L
1/4"	17.2	G1/4	24	22	15	29
3/8"	21.3	G3/8	30	28	19	34
1/2"	26.9	G1/2	36	35	24	34
3/4"	33.7	G3/4	46	43	30	38
1"	42.4	G1	55	52	38	44
1-1/4"	48.3	G1 1/4	60	57	45	50
1-1/2"	60.3	G1 1/2	70	68	54	53
2"	66	G2	84	78	63	54

Pipe Fittings

Union BW/BW Conical Sealing Made by Bar

Item No.: CW PF-CUZBWBWB



Size	D	S	R	L
1/4"	13.5	21	18	40
3/8"	17.2	24	22	45
1/2"	21.3	30	28	48
3/4"	26.9	36	35	52
1"	33.7	46	43	55
1-1/4"	42.4	55	52	56
1-1/2"	48.3	60	57	58
2"	60.3	70	68	62

Union BW/F Conical Sealing Made by Bar

Item No.: CW PF-CUZBWF



Size	D	G	S	R	L
1/4"	13.5	G1/4	21	18	31
3/8"	17.2	G3/8	24	22	35
1/2"	21.3	G1/2	30	28	40
3/4"	26.9	G3/4	36	35	45
1"	33.7	G1	46	43	50
1-1/4"	42.4	G1 1/4	55	52	53
1-1/2"	48.3	G1 1/2	60	57	53
2"	60.3	G2	70	68	61



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