



# KURIYAMA Hydraulic Connections



## STAINLESS STEEL FITTINGS



**KURIYAMA**  
OF AMERICA, INC.

# STAINLESS STEEL FITTINGS

ARE NOW PART OF



What makes our stainless steel fittings better? Kuriyama Hydraulic Connections stainless steel fittings share crimp dimensions with our trusted Top Coat plated carbon steel fittings! Matching crimp dimensions for both lines takes the guess work and liability out of the distributor and end users hands. Both our Top Coat fittings and our new stainless steel fittings are manufactured by Alfagomma, SPA — the world class leader in hydraulic hose, fittings and quick release couplings. A proven validated crimp system from two world class leaders, Kuriyama and Alfagomma®.

## ***Stainless steel fittings are now available for use on Kuriyama Hydraulic hoses***

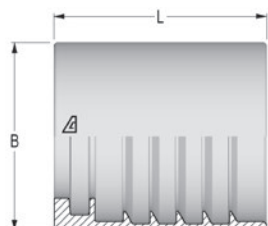
Some of these hoses include: TR1MT/HT, TR2MT/HT, TF2MT/ST, AT3KMT/ST, TR14TB, TR14C, TR5/HT, E4K and TR4XF hoses.

Stainless steel fittings are available in the following popular configurations and sizes:

- MNPT - Male Pipe - ¼" – 2" • MNPS - Male Pipe Swivel - ¼" – 1" • FJDH - Female JIC - ¼" – 2"
- FJ45 - Female JIC 45° - ¼" – 1" • FJ9M - Female JIC 90° Medium Drop - ¼" – 1"
- BSPT/JIS - Male Tapered - ½" – 1" • BSPP - Male Parallel - ½" – 1"

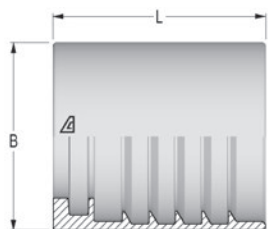
**For more information, please contact us at [sales@kuriyama.com](mailto:sales@kuriyama.com)**

## **ALFAGOMMA®** Two-Piece Fittings – A Series Non-Skive Ferrules



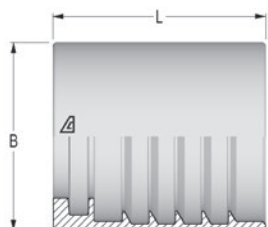
### AF1 – STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		B OD (mm)	L Length (mm)	Weight (lbs/each)
		(in)	(mm)			
AF1-04-SS	04	1/4	6.4	22	24.7	0.06
AF1-06-SS	06	3/8	9.5	26	29.7	0.10
AF1-08-SS	08	1/2	12.7	29	30.5	0.11
AF1-10-SS	10	5/8	15.9	32	30.5	0.12
AF1-12-SS	12	3/4	19.0	36	36.0	0.17



### AF2 – STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		B OD (mm)	L Length (mm)	Weight (lbs/each)
		(in)	(mm)			
AF2-04-SS	04	1/4	6.4	23	24.7	0.07
AF2-06-SS	06	3/8	9.5	27	29.7	0.10
AF2-08-SS	08	1/2	12.7	30	30.5	0.12
AF2-10-SS	10	5/8	15.9	33	30.5	0.13
AF2-12-SS	12	3/4	19.0	37	36.0	0.18
AF2-16-SS	16	1	25.4	45	36.7	0.24

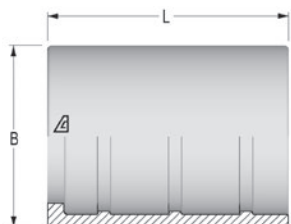


### AF4 – STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		B OD (mm)	L Length (mm)	Weight (lbs/each)
		(in)	(mm)			
AF4-06-SS	06	3/8	9.5	30	28.0	0.11
AF4-08-SS	08	1/2	12.7	34	33.9	0.16
AF4-10-SS	10	5/8	15.9	38	36.6	0.20
AF4-12-SS	12	3/4	19.0	42	39.5	0.28
AF4-16-SS	16	1	25.4	50	45.4	0.51

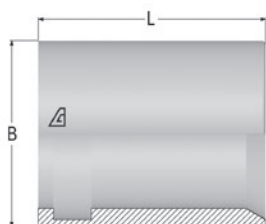
Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

## ALFAGOMMA® Two-Piece Fittings – A Series Non-Skive Ferrules



### AFX – STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		B OD (mm)	L Length (mm)	Weight (lbs/each)
		(in)	(mm)			
AFX-04-SS	04	1/4	6.4	23	24.7	0.07
AFX-05-SS	05	5/16	7.9	25	24.7	0.08
AFX-06-SS	06	3/8	9.5	27	29.7	0.10
AFX-08-SS	08	1/2	12.7	30	30.5	0.11
AFX-10-SS	10	5/8	15.9	34	35.5	0.15
AFX-12-SS	12	3/4	19.0	38	36.0	0.17
AFX-16-SS	16	1	25.4	48	42.5	0.28
AFX-20-SS	20	1 1/4	31.8	53	56.5	0.42
AFX-24-SS	24	1 1/2	38.1	60	61.5	0.45
AFX-32-SS	32	2	50.8	76	73.5	0.82



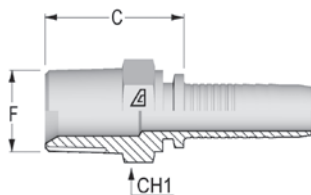
### AFT – STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		B OD (mm)	L Length (mm)	Weight (lbs/each)
		(in)	(mm)			
AFT-03	03	3/16	4.8	14.0	20	0.02
AFT-04	04	1/4	6.4	15.0	25	0.03
AFT-05	05	5/16	7.9	17.2	25	0.04
AFT-06	06	3/8	9.5	22.0	25	0.07
AFT-08	08	1/2	12.7	25.0	30	0.08
AFT-10	10	5/8	15.9	30.0	33	0.11
AFT-12	12	3/4	19.0	35.0	37	0.15
AFT-16	16	1	25.4	42.0	45	0.26
AFT-20	20	1 1/4	31.8	50.0	48	0.34
AFT-24	24	1 1/2	38.1	57.0	58	0.48
AFT-32	32	2	50.8	73.0	67	0.73

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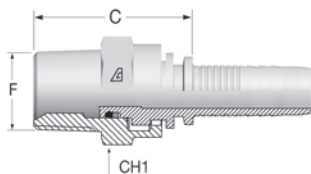
## ALFAGOMMA® Two-Piece Fittings – A Series

Inserts –  US End Configurations



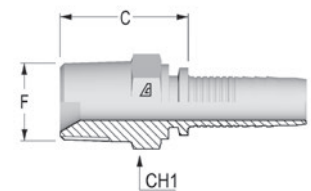
### MNPT MALE 60° SEAT STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	Hex Dia. CH1 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI			
A-0404-MNPT-SS	04	1/4	6.4	04	1/4-18	26.8	17	0.06
A-0606-MNPT-SS	06	3/8	9.5	06	3/8-18	27.8	19	0.09
A-0808-MNPT-SS	08	1/2	12.7	08	1/2-14	32.1	22	0.17
A-1008-MNPT-SS	10	5/8	15.9	08	1/2-14	32.1	27	0.23
A-1012-MNPT-SS	10	5/8	15.9	12	3/4-14	34.1	27	0.24
A-1212-MNPT-SS	12	3/4	19.0	12	3/4-14	34.6	27	0.26
A-1616-MNPT-SS	16	1	25.4	16	1-11 1/2	44.4	36	0.53
A-2020-MNPT-SS	20	1 1/4	31.8	20	1 1/4-11 1/2	49.0	46	0.90
A-2424-MNPT-SS	24	1 1/2	38.1	24	1 1/2-11 1/2	50.5	50	1.10
A-3232-MNPT-SS	32	2	50.8	32	2-11 1/2	54.2	65	2.87



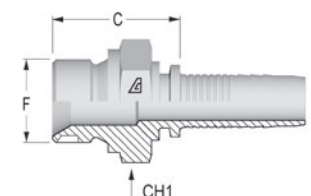
### MNPS MALE SWIVEL 60° SEAT STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	Hex Dia. CH1 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI			
A-0404-MNPS-SS	04	1/4	6.4	04	1/4-18	37.6	17	0.09
A-0606-MNPS-SS	06	3/8	9.5	06	3/8-18	37.5	22	0.15
A-0808-MNPS-SS	08	1/2	12.7	08	1/2-14	42.3	25	0.25
A-1008-MNPS-SS	10	5/8	15.9	08	1/2-14	45.1	27	.027
A-1012-MNPS-SS	10	5/8	15.9	12	3/4-14	47.3	27	0.29
A-1212-MNPS-SS	12	3/4	19.0	12	3/4-14	50.1	32	0.31
A-1616-MNPS-SS	16	1	25.4	16	1-11 1/2	57.9	41	0.63



### BSPT/JIS MALE TAPERED

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	Hex Dia. CH1 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI			
A-0808-MBPT-SS	08	1/2	12.7	08	1/2-14	34.1	22	0.17
A-1010-MBPT-SS	10	5/8	15.9	10	5/8-14	34.1	30	0.22
A-1212-MBPT-SS	12	3/4	19.0	12	3/4-14	34.6	27	0.27
A-1616-MBPT-SS	16	1	25.4	16	1-11	43.4	36	0.53

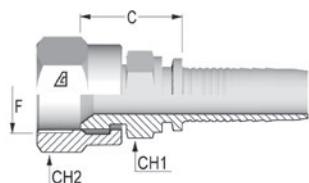


### BSP MALE PARALLEL 60° SEAT

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	Hex Dia. CH1 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI			
A-0808-MBPP-SS	08	1/2	12.7	08	1/2-14	32.1	27	0.20
A-1010-MBPP-SS	10	5/8	15.9	10	5/8-14	36.1	30	0.27
A-1212-MBPP-SS	12	3/4	19.0	12	3/4-14	34.6	32	0.31
A-1616-MBPP-SS	16	1	25.4	16	1-11	40.4	41	0.58

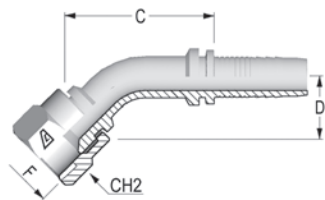
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## ALFAGOMMA® Two-Piece Fittings – A Series



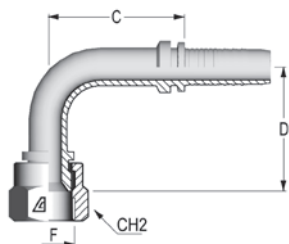
### JIC FEMALE 37° SEAT – DOUBLE HEX STAINLESS STEEL

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	Hex Dia. CH1 (mm)	Hex Dia. CH2 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI				
A-0404-FJDH-SS	04	1/4	6.4	04	7/16-20	19.6	14	16	0.06
A-0606-FJDH-SS	06	3/8	9.5	06	9/16-18	21.3	17	19	0.10
A-0808-FJDH-SS	08	1/2	12.7	08	3/4-16	25.6	19	25	0.2
A-1010-FJDH-SS	10	5/8	15.9	10	7/8-14	27.6	24	27	0.27
A-1212-FJDH-SS	12	3/4	19.0	12	1 1/16-12	28.6	27	32	0.35
A-1616-FJDH-SS	16	1	25.4	16	1 5/16-12	32.9	32	38	0.62
A-2020-FJDH-SS	20	1 1/4	31.8	20	1 5/8-12	39.1	41	50	0.77
A-2424-FJDH-SS	24	1 1/2	38.1	24	1 7/8-12	43.4	50	55	1.98
A-3232-FJDH-SS	32	2	50.8	32	2 1/2-12	49.0	65	70	3.09



### 45° JIC FEMALE SWIVEL 37° SEAT

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	D Drop (mm)	Hex Dia. CH2 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI				
A-0404-FJ45-SS	04	1/4	6.4	04	7/16-20	36.6	10.0	16	0.08
A-0606-FJ45-SS	06	3/8	9.5	06	9/16-18	46.3	11.0	19	0.13
A-0808-FJ45-SS	08	1/2	12.7	08	3/4-16	51.6	15.0	25	0.23
A-1010-FJ45-SS	10	5/8	15.9	10	7/8-14	62.2	19.0	27	0.39
A-1212-FJ45-SS	12	3/4	19.0	12	1 1/16-12	67.5	21.0	32	0.62
A-1616-FJ45-SS	16	1	25.4	16	1 5/16-12	79.5	24.0	38	0.88



### 90° JIC FEMALE SWIVEL 37° SEAT MEDIUM DROP

Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	D Drop (mm)	Hex Dia. CH2 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI				
A-0404-FJ9M-SS	04	1/4	6.4	04	7/16-20	34.2	32.0	16	0.10
A-0606-FJ9M-SS	06	3/8	9.5	06	9/16-18	31.3	35.0	19	0.15
A-0808-FJ9M-SS	08	1/2	12.7	08	3/4-16	37.2	40.0	25	0.26
A-1010-FJ9M-SS	10	5/8	15.9	10	7/8-14	49.4	48.0	27	0.40
A-1212-FJ9M-SS	12	3/4	19.0	12	1 1/16-12	52.4	54.0	32	0.68
A-1616-FJ9M-SS	16	1	25.4	16	1 5/16-12	72.6	71.5	38	1.01

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation, and all sections of hose and tubing – including connections, couplings, clamps, conductivity and bonding – should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened to avoid leakage, prevent injuries or damage, and for general safety purposes.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

Kuriyama of America, Alfagomma and Piranha Hose shall not be liable or responsible for hose assemblies that have not been produced in conformance with their assembly recommendations and current crimp data charts.

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