



Catálogo de Produtos

Terminais Hidráulicos e Adaptadores

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TERMINAIS E ADAPTADORES HIDRÁULICOS

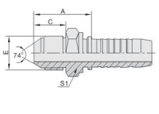
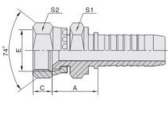
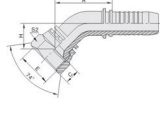
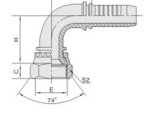
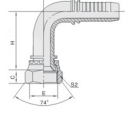
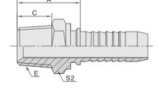
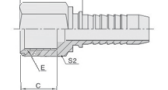
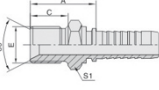
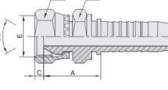
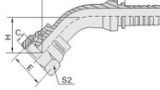
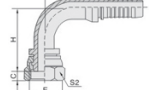
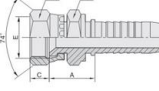
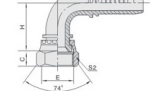
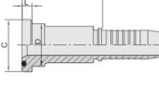
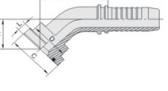
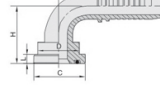
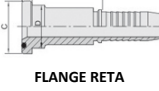







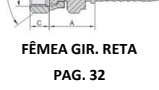




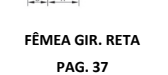




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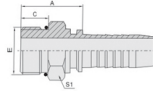
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ÍNDICE – TERMINAIS

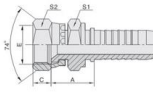
JIC						
	MACHO FIXO PAG. 8	FÊMEA GIR. RETA PAG. 9	FÊMEA GIR. 45° PAG. 10	FÊMEA GIR. 90° PAG. 11	FÊMEA GIR. 90° LONGA PAG. 12	
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		MACHO FIXO PAG. 13	FÊMEA FIXA RETA PAG. 14			
	BSP					
MACHO FIXO PAG. 18		FÊMEA GIR. RETA PAG. 15	FÊMEA GIR. 45° PAG. 16	FÊMEA GIR. 90° PAG. 17		
BSP JIC						
		FÊMEA GIR. RETA PAG. 19	FÊMEA GIR. 90° PAG. 20			
FLANGE COD 61						
	FLANGE RETA PAG. 21	FLANGE 45° PAG. 22	FLANGE 90° PAG. 23			
	FLANGE COD 62					
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DKO						
	MACHO FIXO PAG. 27	FÊMEA GIR. RETA PAG. 28	FÊMEA GIR. 45° PAG. 29	FÊMEA GIR. 90° PAG. 30	FÊMEA GIR. 90° LONGA PAG. 31	
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	MACHO FIXO PAG. 36	FÊMEA GIR. RETA PAG. 37	FÊMEA GIR. 45° PAG. 38	FÊMEA GIR. 90° PAG. 39		

**O'RING
BASE**



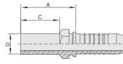
**MACHO FIXO
PAG. 40**

KOMATSU

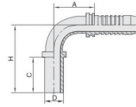


**FÊMEA GIR. RETA
PAG. 41**

**PONTA
LISA**

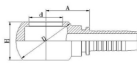


**PONTA LISA RETO
PAG. 42**



**PONTA LISA 90°
PAG. 43**

OLHAL



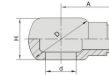
**OLHAL RETO
PAG. 44**

SEM IMAGEM

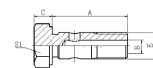
**OLHAL 45°
PAG. 45**

SEM IMAGEM

**OLHAL 90°
PAG. 46**

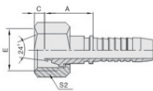


**OLHAL SOLDA
PAG. 77**



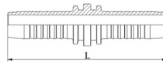
**PARAFUSO
PAG. 47**

**KARCHER
WAP**

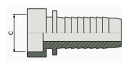


**FÊMEA GIR. RETA
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DIVERSOS

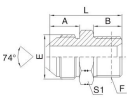
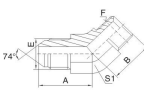
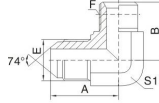
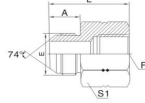
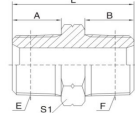
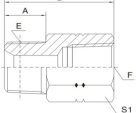

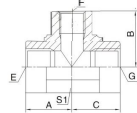
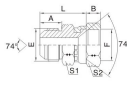
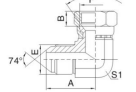
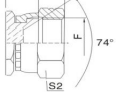
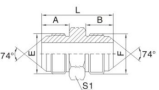
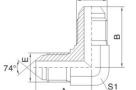
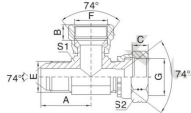
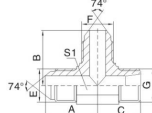
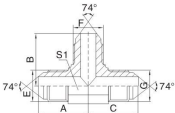
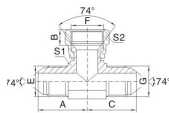
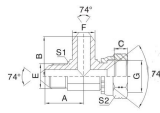
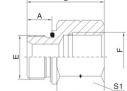
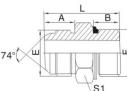

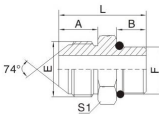
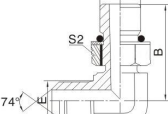



**EMENDA
PAG. 49**



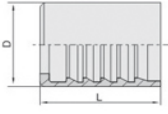
**SALVA VIDAS
PAG. 50**

ÍNDICE ADAPTADORES

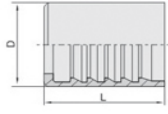
NPT x JIC					
	MACHO x MACHO RETO PAG. 51	MACHO x MACHO 45° PAG. 52	MACHO x MACHO 90° PAG. 53	FÊMEA x MACHO PAG. 58	
	NPT x NPT				
		MACHO x MACHO RETO PAG. 54	REDUÇÃO PAG. 55	BUJÃO SEXT. INTERNO PAG. 61	TEE IGUAL FÊMEA PAG. 68
		JIC x JIC			
FEMEA x MACHO RETO PAG. 56			FEMEA x MACHO 90° PAG. 57	TAMPÃO FÊMEA PAG. 59	TAMPÃO MACHO PAG. 60
					
MACHO x MACHO RETO PAG. 65	MACHO x MACHO 90° PAG. 66		TEE MACHO LATERAL PAG. 69	TEE DKO LATERAL PAG. 70	
				TEE IGUAL MACHO PAG. 73	
TEE FÊMEA CENTRAL PAG. 71	TEE FÊMEA LATERAL PAG. 72	BSP x NPT			
MACHO x FÊMEA RETO PAG. 62	BSP x JIC				
MACHO x MACHO RETO PAG. 63					
MACHO x MACHO 90° PAG. 64			UNF x JIC		
MACHO x MACHO RETO PAG. 74					
MACHO x MACHO 90° PAG. 75		ORFS x JIC			
MACHO x MACHO RETO PAG. 76					

ÍNDICE CAPAS

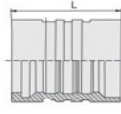
CAPAS



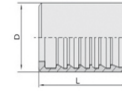
1 TRANÇADO
PAG. 78



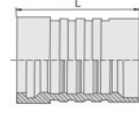
1 e 2 TRANÇADOS
PAG. 79



4 ESPIRAIS RAIADA
PAG. 80



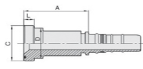
4 ESPIRAIS LONGA
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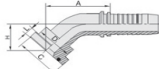
INTERLOCK
PAG. 82

ÍNDICE TERMINAIS INTERLOCK

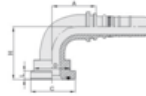
FLANGE COD 62



FLANGE RETO
PAG. 83

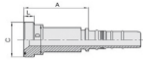


FLANGE 45°
PAG. 84

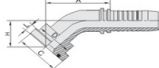


FLANGE 90°
PAG. 85

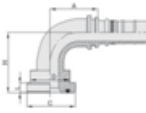
FLANGE SUPERCAT



FLANGE RETO
PAG. 86

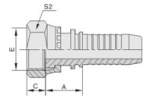


FLANGE 45°
PAG. 87

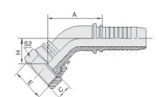


FLANGE 90°
PAG. 88

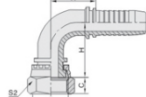
ORFS



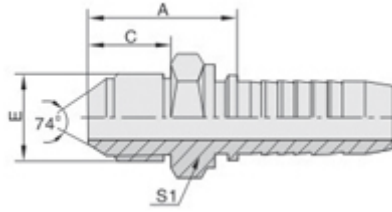
FÊMEA GIRATÓRIA RETA
PAG. 89



FÊMEA GIRATÓRIA 45°
PAG. 90



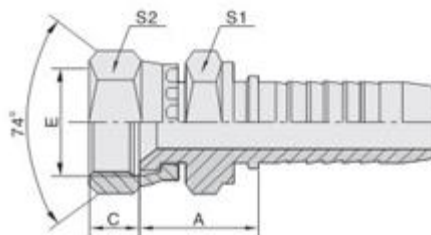
FÊMEA GIRATÓRIA 90°
PAG. 91



Terminal Macho Fixo JIC

ISO 8434-2 / SAE J514

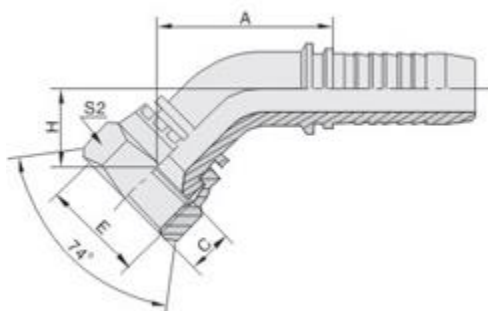
Referência Jason	Mangueira (Traço)	Dimensões			
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TMFI-04-04-I	-4	7/16" - 20	27,5	14,0	14,0
TMFI-04-06-I	-6	7/16" - 20	27,5	14,0	17,0
TMFI-05-04-I	-4	1/2" - 20	28,0	14,0	14,0
TMFI-05-06-I	-6	1/2" - 20	28,0	14,0	17,0
TMFI-06-04-I	-4	9/16" - 18	28,0	14,5	17,0
TMFI-06-06-I	-6	9/16" - 18	28,0	14,5	17,0
TMFI-06-08-I	-8	9/16" - 18	33,0	17,0	22,0
TMFI-07-04-I	-4	5/8" - 18	28,0	14,5	17,0
TMFI-07-06-I	-6	5/8" - 18	28,0	14,5	17,0
TMFI-08-04-I	-4	3/4" - 16	33,0	17,0	22,0
TMFI-08-06-I	-6	3/4" - 16	33,0	17,0	22,0
TMFI-08-08-I	-8	3/4" - 16	33,0	17,0	22,0
TMFI-08-10-I	-10	3/4" - 16	36,5	19,5	24,0
TMFI-08-12-I	-12	3/4" - 16	40,0	22,0	27,0
TMFI-10-06-I	-6	7/8" - 14	36,5	19,5	24,0
TMFI-10-08-I	-8	7/8" - 14	36,5	19,5	24,0
TMFI-10-10-I	-10	7/8" - 14	36,5	19,5	24,0
TMFI-10-12-I	-12	7/8" - 14	40,0	22,0	27,0
TMFI-12-08-I	-8	1.1/16" - 12	40,0	22,0	27,0
TMFI-12-10-I	-10	1.1/16" - 12	40,0	22,0	27,0
TMFI-12-12-I	-12	1.1/16" - 12	40,0	22,0	27,0
TMFI-12-16-I	-16	1.1/16" - 12	43,0	23,0	36,0
TMFI-14-12-I	-12	1.3/16" - 12	43,0	23,0	36,0
TMFI-16-10-I	-10	1.5/16" - 12	43,0	23,0	36,0
TMFI-16-12-I	-12	1.5/16" - 12	43,0	23,0	36,0
TMFI-16-16-I	-16	1.5/16" - 12	43,0	23,0	36,0
TMFI-16-20-I	-20	1.5/16" - 12	47,5	25,0	46,0
TMFI-20-16-I	-16	1.5/8" - 12	47,5	25,0	46,0
TMFI-20-20-I	-20	1.5/8" - 12	47,5	25,0	46,0
TMFI-24-20-I	-20	1.7/8" - 12	51,0	27,5	50,0
TMFI-24-24-I	-24	1.7/8" - 12	51,0	27,5	50,0
TMFI-32-32-I	-32	2.1/2" - 12	61,0	35,0	65,0



Terminal Fêmea Giratória Retá JIC (duplo sextavado)

SAE J514

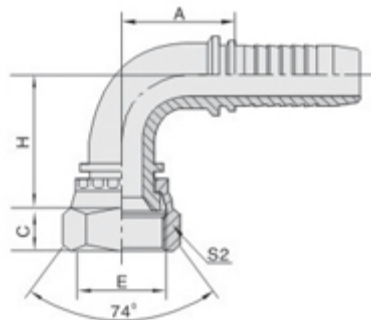
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	S1	S2
TFIX-04-03-I	-3	7/16"-20	21,5	8,5	14,0	17,0
TFIX-04-04-I	-4	7/16"-20	21,5	8,5	14,0	17,0
TFIX-04-05-I	-5	7/16"-20	21,5	8,5	17,0	17,0
TFIX-04-06-I	-6	7/16"-20	21,5	8,5	17,0	17,0
TFIX-05-04-I	-4	1/2"-20	22,5	9,5	17,0	19,0
TFIX-05-06-I	-6	1/2"-20	22,5	9,5	17,0	19,0
TFIX-06-04-I	-4	9/16"-18	22,5	9,5	17,0	19,0
TFIX-06-05-I	-5	9/16"-18	23,0	9,5	17,0	19,0
TFIX-06-06-I	-6	9/16"-18	23,0	9,5	17,0	19,0
TFIX-06-08-I	-8	9/16"-18	23,0	9,5	22,0	19,0
TFIX-07-04-I	-4	1/2"-18	25,0	9,5	14,0	24,0
TFIX-07-06-I	-6	1/2"-18	25,0	9,5	17,0	24,0
TFIX-08-04-I	-4	3/4"-16	25,0	9,5	14,0	24,0
TFIX-08-06-I	-6	3/4"-16	25,0	9,5	17,0	24,0
TFIX-08-08-I	-8	3/4"-16	25,0	9,5	22,0	24,0
TFIX-08-10-I	-8	3/4"-16	25,0	9,5	24,0	24,0
TFIX-10-06-I	-6	7/8"-14	28,0	12,5	17,0	27,0
TFIX-10-08-I	-8	7/8"-14	28,0	12,5	22,0	27,0
TFIX-10-10-I	-10	7/8"-14	28,0	12,5	24,0	27,0
TFIX-10-12-I	-12	7/8"-14	28,0	12,5	32,0	27,0
TFIX-10-16-I	-16	7/8"-14	28,0	12,5	41,0	27,0
TFIX-12-08-I	-8	1.1/16"-12	31,0	13,5	24,0	32,0
TFIX-12-10-I	-10	1.1/16"-12	31,0	13,5	24,0	32,0
TFIX-12-12-I	-12	1.1/16"-12	31,0	13,5	32,0	32,0
TFIX-12-16-I	-16	1.1/16"-12	31,0	13,5	41,0	32,0
TFIX-14-12-I	-12	1.3/16"-12	35,0	15,0	41,0	41,0
TFIX-16-10-I	-10	1.5/16"-12	35,0	15,0	32,0	41,0
TFIX-16-12-I	-12	1.5/16"-12	35,0	15,0	32,0	41,0
TFIX-16-16-I	-16	1.5/16"-12	35,0	15,0	41,0	41,0
TFIX-20-16-I	-16	1.5/8"-12	36,5	15,5	41,0	50,0
TFIX-20-20-I	-20	1.5/8"-12	36,5	15,5	46,0	50,0
TFIX-24-20-I	-20	1.7/8"-12	40,0	17,0	46,0	55,0
TFIX-24-24-I	-24	1.7/8"-12	40,0	17,0	55,0	55,0
TFIX-32-32-I	-32	2.1/2"-12	50,0	23,5	75,0	75,0



Terminal Fêmea Giratória Curva 45° JIC

SAE J514

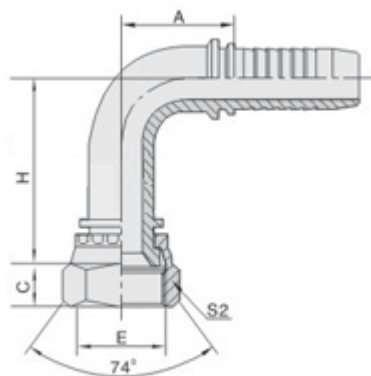
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFIX45-04-04-I	-4	7/16"-20	33,0	8,5	15,0	17,0
TFIX45-04-06-I	-6	7/16"-20	33,0	8,5	15,0	17,0
TFIX45-06-04-I	-4	9/16"-18	34,5	9,5	16,5	19,0
TFIX45-06-06-I	-6	9/16"-18	34,5	9,5	19,0	19,0
TFIX45-06-08-I	-8	9/16"-18	34,5	9,5	19,0	19,0
TFIX45-05-06-I	-6	1/2"-18	40,0	9,5	21,0	24,0
TFIX45-08-04-I	-4	3/4"-16	40,0	9,5	21,0	24,0
TFIX45-08-06-I	-6	3/4"-16	40,0	9,5	21,0	24,0
TFIX45-08-08-I	-8	3/4"-16	40,0	9,5	21,0	24,0
TFIX45-08-10-I	-10	3/4"-16	40,0	9,5	21,0	24,0
TFIX45-08-12-I	-12	3/4"-16	40,0	9,5	21,0	24,0
TFIX45-10-08-I	-8	7/8"-14	48,0	12,5	22,0	27,0
TFIX45-10-10-I	-10	7/8"-14	55,0	12,5	25,5	27,0
TFIX45-10-12-I	-12	7/8"-14	55,0	12,5	25,5	27,0
TFIX45-12-10-I	-10	1.1/16"-12	56,0	13,5	26,5	32,0
TFIX45-12-12-I	-12	1.1/16"-12	61,0	13,5	28,5	32,0
TFIX45-12-16-I	-16	1.1/16"-12	68,5,0	15,0	32,0	32,0
TFIX45-14-12-I	-12	1.3/16"-12	62,0	15,0	29,5	41,0
TFIX45-16-10-I	-10	1.5/16"-12	62,0	15,0	29,5	41,0
TFIX45-16-12-I	-12	1.5/16"-12	62,0	15,0	29,5	41,0
TFIX45-16-16-I	-16	1.5/16"-12	69,5	15,0	38,5	41,0
TFIX45-20-16-I	-16	1.5/8"-12	78,0	15,5	48,5	50,0
TFIX45-20-20-I	-20	1.5/8"-12	78,0	15,5	48,5	50,0
TFIX45-24-20-I	-20	1.7/8"-12	86,5	17,0	58,5	55,0
TFIX45-24-24-I	-24	1.7/8"-12	86,5	17,0	58,5	55,0



Terminal Fêmea Giratória Curva 90° JIC

SAE J514

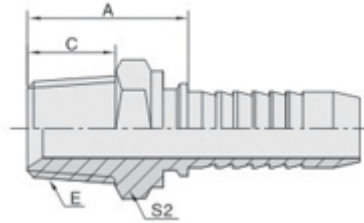
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFIX90-04-04-I	-4	7/16"-20	28,5	8,5	27,0	17,0
TFIX90-04-06-I	-6	7/16"-20	28,5	8,5	27,0	17,0
TFIX90-05-04-I	-4	1/2"-20	30,5	9,5	33,0	19,0
TFIX90-05-06-I	-6	1/2"-20	30,5	9,5	33,0	19,0
TFIX90-06-04-I	-4	9/16"-18	30,5	9,5	33,0	19,0
TFIX90-06-06-I	-6	9/16"-18	34,0	9,5	36,5	19,0
TFIX90-06-08-I	-8	9/16"-18	34,0	9,5	38,5	19,0
TFIX90-07-06-I	-6	9/16"-18	34,0	9,5	38,5	24,0
TFIX90-08-06-I	-6	3/4"-16	34,0	9,5	38,5	24,0
TFIX90-08-08-I	-8	3/4"-16	42,0	9,5	45,0	24,0
TFIX90-08-10-I	-10	3/4"-16	51,0	12,5	51,0	24,0
TFIX90-08-12-I	-12	3/4"-16	51,0	12,5	51,0	24,0
TFIX90-10-06-I	-6	7/8"-14	51,0	12,5	51,0	27,0
TFIX90-10-08-I	-8	7/8"-14	51,0	12,5	51,0	27,0
TFIX90-10-10-I	-10	7/8"-14	51,0	12,5	51,0	27,0
TFIX90-10-12-I	-12	7/8"-14	51,0	12,5	51,0	27,0
TFIX90-12-08-I	-8	1.1/16"-12	51,0	13,5	53,0	32,0
TFIX90-12-10-I	-10	1.1/16"-12	51,0	13,5	53,0	32,0
TFIX90-12-12-I	-12	1.1/16"-12	57,0	13,5	58,0	32,0
TFIX90-12-16-I	-16	1.1/16"-12	69,0	15,0	69,0	32,0
TFIX90-16-10-I	-10	1.5/16"-12	57,0	15,0	59,0	41,0
TFIX90-16-12-I	-12	1.5/16"-12	57,0	15,0	59,0	41,0
TFIX90-16-16-I	-16	1.5/16"-12	69,0	15,0	70,0	41,0
TFIX90-20-16-I	-16	1.5/8"-12	83,0	15,5	82,0	50,0
TFIX90-20-20-I	-20	1.5/8"-12	83,0	15,5	82,0	50,0
TFIX90-24-20-I	-20	1.7/8"-12	83,0	17,0	83,0	55,0
TFIX90-24-24-I	-24	1.7/8"-12	94,0	17,0	93,0	55,0
TFIX90-32-32-I	-32	2.1/2"-12	122,0	23,5	115,0	75,0



Terminal Fêmea Giratória Curva 90° - Longa - JIC

SAE J514

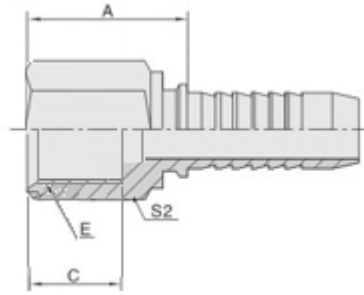
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFI90L-04-04-I	-4	7/16"-20	28,5	8,5	48,0	17,0
TFI90L-05-04-I	-4	1/2"-20	30,5	9,5	54,0	19,0
TFI90L-06-04-I	-4	9/16"-18	30,5	9,5	58,0	19,0
TFI90L-06-06-I	-6	9/16"-18	34,0	9,5	61,6	19,0
TFI90L-08-06-I	-6	3/4"-16	34,0	9,5	67,0	24,0
TFI90L-08-08-I	-8	3/4"-16	42,0	9,5	73,5	24,0
TFI90L-10-06-I	-6	7/8"-14	51,0	12,5	83,0	27,0
TFI90L-10-08-I	-8	7/8"-14	51,0	12,5	83,0	27,0
TFI90L-10-10-I	-10	7/8"-14	51,0	12,5	83,0	27,0
TFI90L-12-10-I	-10	1.1/16"-12	51,0	13,5	89,0	32,0
TFI90L-12-12-I	-12	1.1/16"-12	57,0	13,5	94,0	32,0
TFI90L-16-12-I	-12	1.5/16"-12	57,0	15,0	104,0	41,0
TFI90L-16-16-I	-16	1.5/16"-12	69,0	15,0	115,0	41,0



Terminal Macho Fixo – NPT

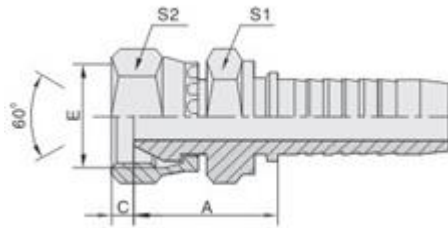
SAE J516

Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca (E)	A	C	S2
TMFP-02-03-I	-3	1/8"-27	23,5	12,0	10,0
TMFP-02-04-I	-4	1/8"-27	23,5	14,0	10,0
TMFP-04-04-I	-4	1/4"-18	28,0	14,0	14,0
TMFP-04-06-I	-6	1/4"-18	28,0	17,0	14,0
TMFP-06-04-I	-4	3/8"-18	27,0	17,0	14,0
TMFP-06-06-I	-6	3/8"-18	29,0	17,0	17,0
TMFP-06-08-I	-8	3/8"-18	31,0	19,0	17,0
TMFP-08-04-I	-4	1/2"-14	34,5	22,0	22,0
TMFP-08-06-I	-6	1/2"-14	34,5	22,0	22,0
TMFP-08-08-I	-8	1/2"-14	35,0	22,0	22,0
TMFP-08-10-I	-10	1/2"-14	36,0	22,0	22,0
TMFP-08-12-I	-12	1/2"-14	37,0	27,0	22,0
TMFP-12-08-I	-8	3/4"-14	38,0	32,0	27,0
TMFP-12-10-I	-10	3/4"-14	39,0	32,0	27,0
TMFP-12-12-I	-12	3/4"-14	39,0	32,0	27,0
TMFP-12-16-I	-16	3/4"-14	39,0	32,0	27,0
TMFP-16-10-I	-10	1"-11,5	43,0	36,0	35,0
TMFP-16-12-I	-12	1"-11,5	43,0	36,0	35,0
TMFP-16-16-I	-16	1"-11,5	45,5	41,0	34,0
TMFP-20-20-I	-20	1.1/4"-11,5	48,0	46,0	43,0
TMFP-24-20-I	-20	1.1/2"-11,5	48,0	50,0	50,0
TMFP-24-24-I	-24	1.1/2"-11,5	48,0	50,0	50,0
TMFP-32-32-I	-32	2"-11,5	52,0	65,0	62,0



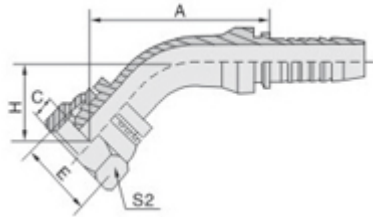
Terminal Fêmea Fixa – NPT

Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca (E)	A	C	S2
TFF-02-04-1	-4	1/8"-27			
TFF-04-04-1	-4	1/4"-18			



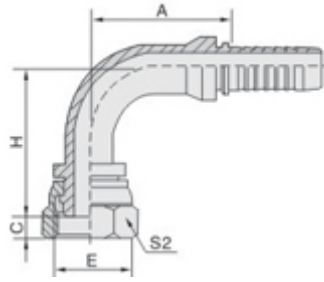
Terminal Fêmea Giratória Reta BSP - Boleada (duplo sextavado)

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	S1	S2
TFBXB-04-04-I	-4	1/4"-19	24,0	5,5	14,0	19,0
TFBXB-06-04-I	-4	3/8"-19	26,5	6,5	14,0	22,0
TFBXB-06-06-I	-6	3/8"-19	26,5	6,5	19,0	22,0
TFBXB-08-06-I	-6	1/2"-14	29,0	8,0	19,0	27,0
TFBXB-08-08-I	-8	1/2"-14	29,0	8,0	22,0	27,0
TFBXB-12-12-I	-12	3/4"-14	33,0	10,0	32,0	32,0
TFBXB-16-16-I	-16	1"-11	39,0	11,0	41,0	41,0
TFBXB-20-20-I	-20	1.1/4"-11	40,0	11,0	46,0	50,0
TFBXB-24-24-I	-24	1.1/2"-11	45,0	11,5	55,0	55,0
TFBXB-32-32-I	-32	2"-11	55,0	15,0	70,0	70,0



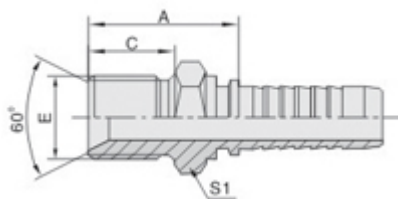
Terminal Fêmea Giratória Curva 45° BSP – Boleada

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFBB45-04-04-I	-4	1/4"-19	36,0	4,0	12,0	19,0
TFBB45-06-04-I	-4	3/8"-19	43,0	5,0	22,0	22,0
TFBB45-06-06-I	-6	3/8"-19	43,0	5,0	22,0	22,0
TFBB45-08-08-I	-8	1/2"-14	50,5	6,0	25,5	27,0
TFBB45-10-08-I	-8	5/8"-14	58,0	8,0	28,0	30,0
TFBB45-12-12-I	-12	3/4"-14	62,5	9,5	31,0	32,0
TFBB45-16-16-I	-16	1"-11	71,0	11,0	36,0	41,0
TFBB45-20-20-I	-20	1.1/4"-11	84,5	11,0	42,5	50,0
TFBB45-24-24-I	-24	1.1/2"-11	91,0	11,5	48,0	55,0
TFBB45-32-32-I	-32	2"-11	121,0	15,0	60,0	70,0



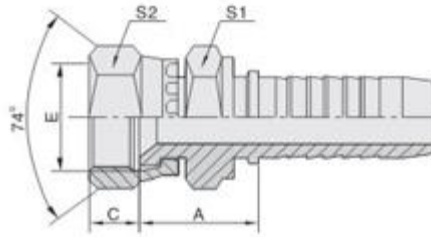
Terminal Fêmea Giratória Curva 90° BSP – Boleada

Referência Jason	Rosca	Mangueira (Traço)	Dimensões				
			Rosca (E)	A	C	H	S2
TFBB90-04-04-I	1/4"-19	-4	1/4"-19	32,0	4,0	33,0	19,0
TFBB90-06-04-I	3/8"-19	-4	3/8"-19	38,0	5,0	38,0	22,0
TFBB90-06-06-I	3/8"-19	-6	3/8"-19	41,5	5,0	44,0	22,0
TFBB90-08-06-I	1/2"-14	-6	1/2"-14	49,0	6,0	50,0	27,0
TFBB90-08-08-I	1/2"-14	-8	1/2"-14	49,0	6,0	50,0	27,0
TFBB90-10-08-I	5/8"-14	-8	5/8"-14	55,0	8,0	58,0	30,0
TFBB90-10-10-I	5/8"-14	-10	5/8"-14	55,0	8,0	58,0	30,0
TFBB90-12-10-I	3/4"-14	-10	3/4"-14	58,5	9,5	59,0	32,0
TFBB90-12-12-I	3/4"-14	-12	3/4"-14	61,5	9,5	64,0	32,0
TFBB90-16-16-I	1"-11	-16	1"-11	76,5	11,0	74,0	41,0
TFBB90-20-20-I	1.1/4"-11	-20	1.1/4"-11	92,5	11,0	85,5	50,0
TFBB90-24-24-I	1.1/2"-11	-24	1.1/2"-11	109,5	11,5	108,0	55,0
TFBB90-32-32-I	2"-11	-32	2"-11	127,0	15,0	124,0	70,0



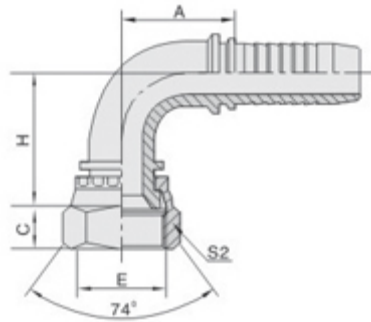
Terminal Macho Fixo BSP – O’RING

Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca (E)	A	C	S1
TMFBO-04-04-I	-4	7/16" - 20	25,0	12,0	19,0
TMFBO-06-04-I	-4	3/8" - 19	29,5	13,5	22,0
TMFBO-06-06-I	-6	3/8" - 19	29,5	13,5	22,0
TMFBO-08-06-I	-6	1/2" - 14	32,0	16,0	24,0
TMFBO-08-08-I	-8	1/2" - 14	32,0	16,0	24,0
TMFBO-12-12-I	-12	3/4" - 14	38,5	18,5	32,0
TMFBO-16-16-I	-16	1" - 11	42,0	20,5	41,0
TMFBO-20-20-I	-20	1.1/4" - 11	43,5	20,5	50,0
TMFBO-24-24-I	-24	1.1/2" - 11	47,0	23,0	55,0
TMFBO-32-32-I	-32	2" - 11	51,0	25,5	70



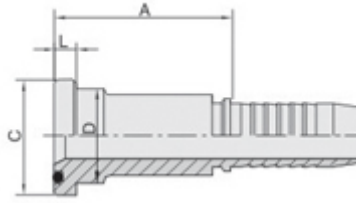
Terminal Fêmea Giratória Reta BSP - JIC (duplo sextavado)

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	S1	S2
TFBIX-04-04-I	-4	1/4"-19	21,5	8,5	14,0	19,0
TFBIX-04-06-I	-6	1/4"-19	21,5	8,5	14,0	19,0
TFBIX-06-04-I	-4	3/8"-19	22,5	9,5	14,0	22,0
TFBIX-06-06-I	-6	3/8"-19	23,0	9,5	19,0	22,0
TFBIX-06-08-I	-8	3/8"-19	23,0	9,5	19,0	22,0
TFBIX-08-06-I	-6	1/2"-14	25,0	9,5	19,0	27,0
TFBIX-08-08-I	-8	1/2"-14	25,0	9,5	22,0	27,0
TFBIX-10-08-I	-8	5/8"-14	28,0	12,5	22,0	27,0
TFBIX-12-12-I	-12	3/4"-14	31,0	12,5	32,0	32,0
TFBIX-16-16-I	-16	1"-11	35,0	15,0	41,0	41,0
TFBIX-20-16-I	-16	1.1/4"-11	35,0	15,0	46,0	50,0



Fêmea Giratória Curva 90° BSP – JIC

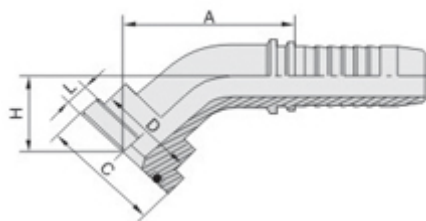
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFBI90-04-04-I	-4	1/4"-19	28,5	8,5	33,0	19,0
TFBI90-06-04-I	-4	3/8"-19	30,5	9,5	38,0	22,0
TFBI90-08-06-I	-6	1/2"-14	34,0	9,5	50,0	27,0
TFBI90-08-08-I	-8	1/2"-14	42,0	9,8	50,0	27,0
TFBI90-10-06-I	-6	5/8"-14	51,0	12,5	58,0	30,0
TFBI90-10-08-I	-8	5/8"-14	51,0	12,5	58,0	30,0
TFBI90-12-12-I	-12	3/4"-14	57,0	13,5	64,0	32,0



Terminal Flange Reta cod. 61 – 3000 psi

ISO 12151-3 / SAE J516

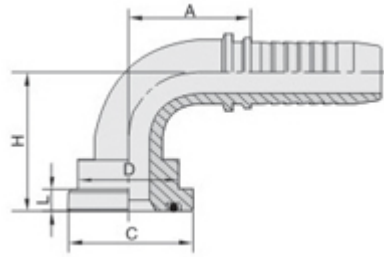
Referência Jason	Mangueira (Traço)	Dimensões				
		Flange	A	C	D	L
TFL-0808-I	-8	1/2"	46,0	30,2	24,0	6,7
TFL-1008-I	-8	5/8"		34,2	27,8	6,7
TFL-1010-I	-10	5/8"		34,2	27,8	6,7
TFL-1208-I	-8	3/4"	48,0	38,1	31,5	6,7
TFL-1210-I	-10	3/4"	48,0	38,1	31,5	6,7
TFL-1212-I	-12	3/4"	48,0	38,1	31,5	6,7
TFL-1612-I	-12	1"	50,5	44,4	38,0	8,0
TFL-1616-I	-16	1"	52,0	44,4	38,0	8,0
TFL-2016-I	-16	1.1/4"	57,5	50,8	42,0	8,0
TFL-2020-I	-20	1.1/4"	58,0	50,8	42,0	8,0
TFL-2420-I	-20	1.1/2"	68,0	60,3	50,0	8,0
TFL-2424-I	-24	1.1/2"	68,0	60,3	50,0	8,0
TFL-3232-I	-32	2"	70,0	71,4	61,5	9,5



Terminal Flange 45° cod. 61 – 3000 psi

ISO 12151-3 / SAE J516

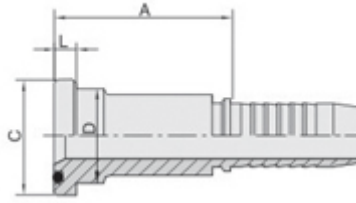
Referência Jason	Mangueira (Traço)	Dimensões					
		Flange	A	C	D	H	L
TFL45-1208-I	-8	3/4"	48,5	38,1	24,0	23,5	6,7
TFL45-1210-I	-10	3/4"	60,5	38,1	24,0	26,0	6,7
TFL45-1212-I	-12	3/4"	65,5	38,1	24,0	28,0	6,7
TFL45-1612-I	-12	1"	62,5	44,4	38,0	30,0	8,0
TFL45-1616-I	-16	1"	70,0	44,4	38,0	33,5	8,0
TFL45-2016-I	-16	1.1/4"	70,0	50,8	42,0	33,5	8,0
TFL45-2020-I	-20	1.1/4"	83,0	50,8	42,0	39,0	8,0
TFL45-2420-I	-20	1.1/2"	83,0	60,3	50,0	39,0	8,0
TFL45-2424-I	-24	1.1/2"	85,5	60,3	50,0	42,5	8,0



Terminal Flange 90° cod. 61 – 3000 psi

ISO 12151-3 / SAE J516

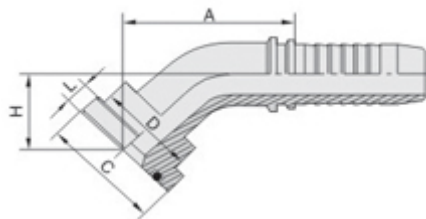
Referência Jason	Mangueira (Traço)	Dimensões					
		Flange	A	C	D	H	L
TFL90-0808-I	-8	1/2"	42,0	30,2	24,0	46,0	6,7
TFL90-1010-I	-10	5/8"					
TFL90-1208-I	-8	3/4"	42,0	38,1	31,5	46,0	6,7
TFL90-1210-I	-10	3/4"	51,0	38,1	31,5	52,0	6,7
TFL90-1212-I	-12	3/4"	57,0	38,1	31,5	57,0	6,7
TFL90-1216-I	-16	3/4"	69,0	38,1	31,5	68,0	6,7
TFL90-1612-I	-12	1"	57,0	44,4	38,0	60,0	8,0
TFL90-1616-I	-16	1"	69,0	44,4	38,0	71,0	8,0
TFL90-2012-I	-12	1.1/4"	69,0	50,8	42,0	71,0	8,0
TFL90-2016-I	-16	1.1/4"	69,0	50,8	42,0	71,0	8,0
TFL90-2020-I	-20	1.1/4"	83,0	50,8	42,0	83,0	8,0
TFL90-2420-I	-20	1.1/2"	83,0	60,3	50,0	83,0	8,0
TFL90-2424-I	-24	1.1/2"	94,0	60,3	50,0	93	8,0
TFL90-3232-I	-32	2"	94,0	71,4	61,5	95,0	9,5



Terminal Flange Reta cod. 62 – 6000 psi

ISO 12151-3 / SAE J516

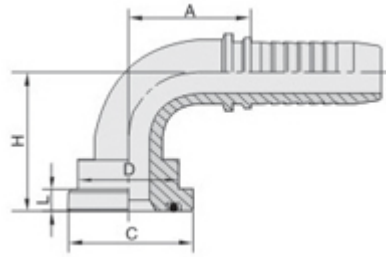
Referência Jason	Mangueira (Traço)	Dimensões				
		Flange	A	C	D	L
TFLB-0808-I	-8	1/2"	42,0	31,7	32,0	8,7
TFLB-1208-I	-8	3/4"	42,0	41,3	32,0	8,7
TFLB-0810-I	-10	1/2"	42,0	31,7	32,0	8,7
TFLB-1210-I	-10	3/4"	51,0	41,3	32,0	8,7
TFLB-1212-I	-12	3/4"	57,0	41,3	32,0	8,7
TFLB-1612-I	-12	1"	69,0	47,6	32,0	8,7
TFLB-1616-I	-16	1"	51	47,6	32,0	8,7
TFLB-2016-I	-16	1.1/4"	51	54,0	32,0	8,7
TFLB-2016-I	-16	1.1/4"	51	54,0	32,0	8,7
TFLB-2020-I	-20	1.1/4"	51	54,0	32,0	8,7
TFLB-2420-I	-20	1.1/2"	51	63,5	32,0	8,7
TFLB-2424-I	-24	1.1/2"	51	63,5	32,0	8,7
TFLB-3232-I	-32	2"	51	79,4	32,0	8,7



Flange 45° cod. 62 – 6000 psi

ISO 12151-3 / SAE J516

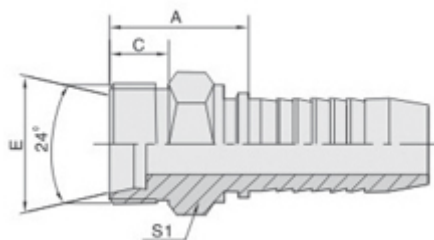
Referência Jason	Mangueira (Traço)	Dimensões					
		Flange	A	C	D	H	L
TFLB45-0808-I	-8	1/2"	85,0	54,0	44,0	41,0	10,3
TFLB45-1208-I	-12	1/2"	91,0	63,5	51,0	47,5	12,6
TFLB45-1212-I	-12	3/4"	85,0	54,0	44,0	41,0	10,3
TFLB45-1612-I	-16	3/4"	91,0	63,5	51,0	47,5	12,6
TFLB45-1616-I	-16	1"	85,0	54,0	44,0	41,0	10,3
TFLB45-1620-I	20	1"	91,0	63,5	51,0	47,5	12,6
TFLB45-2020-I	-20	1.1/4"	85,0	54,0	44,0	41,0	10,3
TFLB45-2420-I	-20	1.1/2"	91,0	63,5	51,0	47,5	12,6
TFLB45-2424-I	-24	1.1/2"	85,0	54,0	44,0	41,0	10,3
TFLB45-3232-I	-32	2"	91,0	63,5	51,0	47,5	12,6



Terminal Flange 90° cod. 62 – 6000 psi

ISO 12151-3 / SAE J516

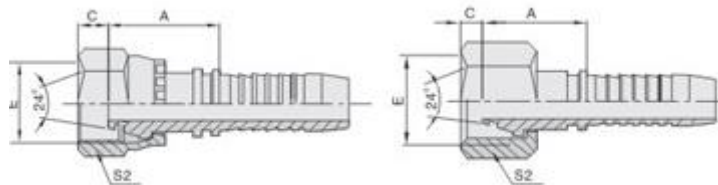
Referência Jason	Mangueira (Traço)	Dimensões					
		Flange	A	C	D	H	L
TFLB90-0808-I	-8	1/2"	42,0	31,7	24,0	47,0	7,7
TFLB90-1212-I	-12	3/4"	57,0	41,3	32,0	59,0	8,7
TFLB90-2420-I	-20	1.1/2"	83,0	63,5	44,0	90,0	12,6
TFLB90-2420-I	-24	1.1/2"	94,0	63,5	51,0	100,0	12,6
TFLB90-3232-I	-32	2"	122,0	79,4	67,0	124,0	12,6
TFLB90-2420-I	-20	1.1/2"	83,0	63,5	44,0	90,0	12,6
TFLB90-2420-I	-24	1.1/2"	94,0	63,5	51,0	100,0	12,6
TFLB90-3232-I	-32	2"	122,0	79,4	67,0	124,0	12,6
TFLB90-2420-I	-24	1.1/2"	94,0	63,5	51,0	100,0	12,6
TFLB90-3232-I	-32	2"	122,0	79,4	67,0	124,0	12,6



Terminal Macho Fixo Métrico Cone 24°

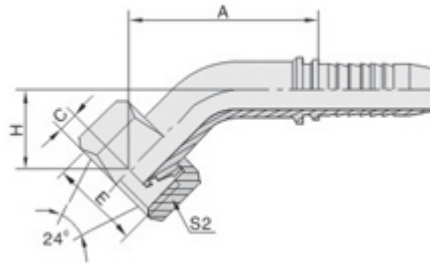
ISO 8434-1 / DIN 3861

C	Mangueira (Traço)	Tubo	Dimensões			
			Rosca (E)	A	C	S1
TMMT-100604-I	-4	6	M10X1,5	23,5	10,0	14,0
TMMT-120604-I	-4	6	M12X1,5	23,5	10,0	14,0
TMMT-120606-I	-6	6	M12X1,5	23,5	10,0	14,0
TMMT-140604-I	-4	6	M14X1,5	23,5	11,0	17,0
TMMT-140804-I	-4	8	M14X1,5	23,5	11,0	17,0
TMMT-140806-I	-6	8	M14X1,5	23,5	11,0	17,0
TMMT-140808-I	-8	8	M14X1,5	23,5	11,0	17,0
TMMT-160804-I	-4	8	M16X1,5	23,5	11,0	17,0
TMMT-161004-I	-4	10	M16X1,5	23,5	11,0	17,0
TMMT-161006-I	-6	10	M16X1,5	23,5	11,0	17,0
TMMT-161008-I	-8	10	M16X1,5	23,5	11,0	17,0
TMMT-181004-I	-4	10	M18X1,5	23,5	11,0	19,0
TMMT-181204-I	-4	12	M18X1,5	23,5	11,0	19,0
TMMT-181206-I	-6	12	M18X1,5	23,5	11,0	19,0
TMMT-181208-I	-8	12	M18X1,5	23,5	11,0	19,0
TMMT-201206-I	-6	12	M20X1,5	26,0	12,0	22,0
TMMT-201208-I	-8	12	M20X1,5	26,0	12,0	22,0
TMMT-221406-I	-6	14	M22X1,5	26,0	12,0	22,0
TMMT-221408-I	-8	14	M22X1,5	26,0	12,0	22,0
TMMT-221506-I	-6	15	M22X1,5	26,0	12,0	22,0
TMMT-221508-I	-8	15	M22X1,5	26,0	12,0	22,0
TMMT-221508-I	-8	15	M22X1,5	26,0	12,0	22,0
TMMT-221510-I	-10	15	M22X1,5	27,0	12,0	22,0
TMMT-241606-I	-6	16	M24X1,5	27,0	12,0	22,0
TMMT-241608-I	-8	16	M24X1,5	27,0	12,0	22,0
TMMT-241610-I	-10	16	M24X1,5	27,0	12,0	22,0
TMMT-261808-I	-8	18	M26X1,5	27,0	12,0	22,0
TMMT-261810-I	-10	18	M26X1,5	27,0	12,0	22,0
TMMT-281910-I	-10	19	M28X1,5	31,5	13,0	27,0
TMMT-281912-I	-12	19	M28X1,5	31,5	13,0	27,0
TMMT-302010-I	-10	20	M30X2,0	33,5	14,0	32,0
TMMT-302012-I	-12	20	M30X2,0	33,5	14,0	32,0
TMMT-302210-I	-10	22	M30X2,0	33,5	14,0	32,0
TMMT-302212-I	-12	22	M30X2,0	33,5	14,0	32,0
TMMT-342512-I	-12	25	M34X2,0	35,5	16,0	38,0
TMMT-342516-I	-16	25	M34X2,0	35,5	16,0	38,0
TMMT-362512-I	-12	25	M36X2,0	35,5	16,0	38,0
TMMT-362816-I	-16	28	M36X2,0	35,5	16,0	38,0
TMMT-423016-I	-16	30	M42X2,0	44,5	20,0	46,0
TMMT-483820-I	-20	38	M48X2,0	44,5	20,0	46,0
TMMT-453520-I	-20	35	M45X2,0	47,5	22,0	55,0
TMMT-524224-I	-24	42	M52X2,0	47,5	22,0	55,0



Fêmea Giratória Reta Métrica Cone 24° - DKO ISO 12151-2 / DIN 3865

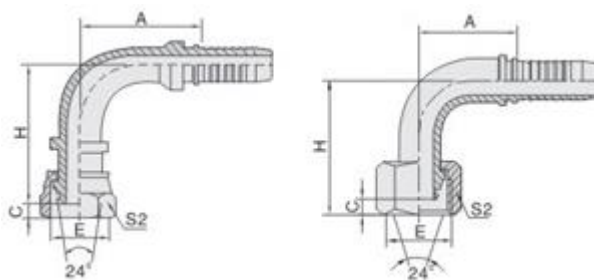
Referência Jason	Mangueira (Traço)	Tubo	Dimensões				
			Rosca (E)	O-ring	A	C	S2
TFM-100604-I	-4	6	M10X1,5		26,0	2,5	17,0
TFM-120604-I	-4	6	M12X1,5		26,0	2,5	17,0
TFM-120606-I	-6	6	M12X1,5		26,0	2,5	17,0
TFM-140804-I	-4	8	M14X1,5		27,0	2,0	17,0
TFM-140806-I	-6	8	M14X1,5		27,0	2,0	17,0
TFM-160804-I	-4	8	M16X1,5		28,0	2,0	19,0
TFM-160806-I	-6	8	M16X1,5		28,0	2,0	19,0
TFM-161004-I	-4	10	M16X1,5		28,0	2,0	19,0
TFM-161006-I	-6	10	M16X1,5		28,0	2,0	19,0
TFM-181006-I	-6	10	M18X1,5		28,0	2,5	22,0
TFM-181204-I	-4	12	M18X1,5		28,0	2,5	22,0
TFM-181206-I	-6	12	M18X1,5		28,0	2,5	22,0
TFM-181208-I	-8	12	M18X1,5		28,0	2,5	22,0
TFM-201204-I	-4	12	M20X1,5		29,0	2,5	27,0
TFM-201206-I	-6	12	M20X1,5		29,0	2,5	27,0
TFM-201208-I	-8	12	M20X1,5		29,0	2,5	27,0
TFM-221404-I	-4	14	M22X1,5		33,0	2,5	27,0
TFM-221406-I	-6	14	M22X1,5		33,0	2,5	27,0
TFM-221504-I	-4	15	M22X1,5		33,0	2,5	27,0
TFM-221506-I	-6	15	M22X1,5		33,0	2,5	27,0
TFM-221508-I	-8	15	M22X1,5		33,0	2,5	27,0
TFM-221510-I	-10	15	M22X1,5		33,0	2,5	27,0
TFM-241608-I	-8	16	M24X1,5		33,0	3,5	32,0
TFM-241610-I	-10	16	M24X1,5		33,0	3,5	32,0
TFM-261808-I	-8	18	M26X1,5		33,0	3,5	32,0
TFM-261810-I	-10	18	M26X1,5		33,0	3,5	32,0
TFM-261812-I	-12	18	M26X1,5		33,0	3,5	32,0
TFM-281910-I	-10	19	M28X1,5		37,0	4,0	36,0
TFM-281912-I	-12	19	M28X1,5		37,0	4,0	36,0
TFM-302010-I	-10	20	M30X2,0		37,0	4,0	36,0
TFM-302012-I	-12	20	M30X2,0		37,0	4,0	36,0
TFM-302210-I	-10	22	M30X2,0		37,0	4,0	36,0
TFM-302212-I	-12	22	M30X2,0		37,0	4,0	36,0
TFM-30F2110-I	-10	21	M30X1,5		37,0	4,0	36,0
TFM-30F2210-I	-10	22	M30X1,5		37,0	4,0	36,0
TFM-342512-I	-12	25	M34X2,0		37,0	4,0	41,0
TFM-342516-I	-16	25	M34X2,0		37,0	4,0	41,0
TFM-362512-I	-12	25	M36X2,0		37,0	4,0	41,0
TFM-362516-I	-16	25	M36X2,0		37,0	4,0	41,0
TFM-362816-I	-16	28	M36X2,0		37,0	4,0	41,0
TFM-382816-I	-16	28	M38X2,0		40,0	5,0	50,0
TFM-423016-I	-16	30	M42X2,0		40,0	5,0	50,0
TFM-423020-I	-20	30	M42X2,0		40,0	5,0	50,0
TFM-523820-I	-20	38	M52X2,0		44,0	6,5	60,0
TFM-523824-I	-24	38	M52X2,0		44,0	6,5	60,0
TFM-524224-I	-24	42	M52X2,0		44,0	5,5	60,0



Fêmea Giratória Curva 45° Métrica Cone 24° - DKO

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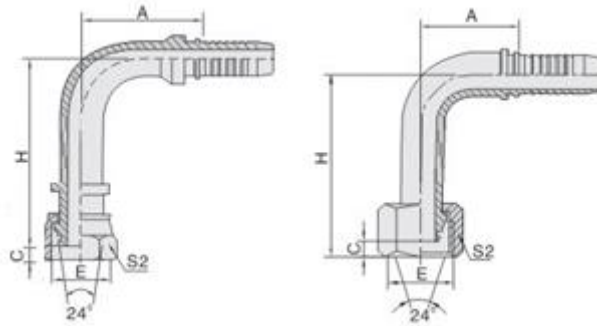
Referência Jason	Mangueira (Traço)	Tubo	Dimensões				
			Rosca (E)	A	C	H	S2
TFM45-120604-I	-4	6	M12X1,5	37,0	2,0	19,0	17,0
TFM45-120606-I	-6	6	M12X1,5	37,0	2,0	19,0	17,0
TFM45-140804-I	-4	8	M14X1,5	37,0	2,0	19,0	19,0
TFM45-140806-I	-6	8	M14X1,5	37,0	2,0	19,0	19,0
TFM45-161004-I	-4	10	M16X1,5	42,0	2,0	21,0	22,0
TFM45-161006-I	-6	10	M16X1,5	42,0	2,0	21,0	22,0
TFM45-161008-I	-8	10	M16X1,5	42,0	2,0	21,0	22,0
TFM45-181006-I	-6	10	M18X1,5	37,0	3,0	21,0	22,0
TFM45-181204-I	-4	12	M18X1,5	42,0	2,5	21,0	24,0
TFM45-181206-I	-6	12	M18X1,5	42,0	2,5	21,0	24,0
TFM45-181208-I	-8	12	M18X1,5	42,0	2,5	21,0	24,0
TFM45-201204-I	-4	12	M20X1,5	43,0	2,5	22,0	24,0
TFM45-221408-I	-8	14	M22X1,5	43,0	2,5	22,0	27,0
TFM45-221506-I	-6	15	M22X1,5	39,0	2,5	21,5	27,0
TFM45-221508-I	-8	15	M22X1,5	39,0	2,5	21,5	27,0
TFM45-221510-I	-10	15	M22X1,5	39,0	2,5	21,5	27,0
TFM45-241608-I	-8	16	M24X1,5	51,5	3,5	26,5	30,0
TFM45-241610-I	-10	16	M24X1,5	51,5	3,5	26,5	30,0
TFM45-261808-I	-8	18	M26X1,5	51,5	2,5	26,5	32,0
TFM45-261810-I	-10	18	M26X1,5	51,5	2,5	26,5	32,0
TFM45-261812-I	-12	18	M26X1,5	51,5	2,5	26,5	32,0
TFM45-281908-I	-8	19	M28X1,5	59,5	3,0	29,5	36,0
TFM45-281910-I	-10	19	M28X1,5	59,5	3,0	29,5	36,0
TFM45-281912-I	-12	19	M28X1,5	59,5	3,0	29,5	36,0
TFM45-302010-I	-10	20	M30X2,0	59,5	3,0	29,5	36,0
TFM45-302012-I	-12	20	M30X2,0	64,0	3,0	31,5	36,0
TFM45-302210-I	-10	22	M30X2,0	64,0	4,0	31,5	36,0
TFM45-302212-I	-12	22	M30X2,0	64,0	4,0	31,5	36,0
TFM45-342510-I	-10	25	M34X2,0	72,0	3,0	35,5	41,0
TFM45-342512-I	-12	25	M34X2,0	72,0	3,0	35,5	41,0
TFM45-342516-I	-16	25	M34X2,0	72,0	3,0	35,5	41,0
TFM45-362512-I	-12	25	M36X2,0	72,0	3,0	35,5	41,0
TFM45-362516-I	-16	25	M36X2,0	72,0	3,0	35,5	41,0
TFM45-362816-I	-16	28	M36X2,0	66,0	4,0	33,5	41,0
TFM45-382816-I	-16	28	M38X2,0	66,0	4,0	33,5	41,0
TFM45-423016-I	-16	30	M42X2,0	74,5	5,0	38,0	50,0
TFM45-452520-I	-20	35	M45X2,0	88,0	5,0	44,0	55,0
TFM45-524224-I	-24	42	M52X2,0	113,5	5,5	50,0	60,0



Fêmea Giratória Curva 90° Métrica Cone 24° - DKO

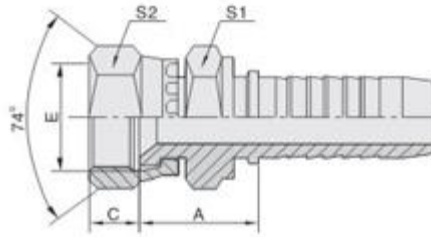
ISO 12151-2 / DIN 3865

Referência Jason	Mangueira (Traço)	Tubo	Dimensões				
			Rosca (E)	A	C	H	S2
TFM90-120604-I	-4	6	M12X1,5	28,5	2,0	33,5	17,0
TFM90-140804-I	-4	8	M14X1,5	28,5	2,0	33,5	17,0
TFM90-140806-I	-6	8	M14X1,5	28,5	2,0	33,5	17,0
TFM90-160804-I	-4	8	M16X1,5	28,5	2,0	33,5	19,0
TFM90-161004-I	-4	10	M16X1,5	28,5	2,0	33,5	19,0
TFM90-161006-I	-6	10	M16X1,5	34,0	2,0	40,0	19,0
TFM90-161008-I	-8	10	M16X1,5	34,0	2,0	40,0	19,0
TFM90-181004-I	-4	10	M18X1,5	34,0	3,0	36,5	22,0
TFM90-181006-I	-6	10	M18X1,5	34,0	3,0	36,5	22,0
TFM90-181204-I	-4	12	M18X1,5	30,5	2,5	36,5	22,0
TFM90-181206-I	-6	12	M18X1,5	34,0	2,5	40,0	22,0
TFM90-181208-I	-8	12	M18X1,5	34,0	2,5	40,0	22,0
TFM90-1812706-I	-6	12,7	M18X1,5	34,0	2,5	40,0	22,0
TFM90-201206-I	-6	12	M20X1,5	34,0	2,5	42,0	24,0
TFM90-221406-I	-6	14	M22X1,5	34,0	2,5	42,0	24,0
TFM90-221408-I	-8	14	M22X1,5	34,0	2,5	42,0	24,0
TFM90-221508-I	-8	15	M22X1,5	42,0	2,5	49,5	27,0
TFM90-221510-I	-10	15	M22X1,5	42,0	2,5	49,5	27,0
TFM90-241608-I	-8	16	M24X1,5	42,0	3,5	48,5	30,0
TFM90-241610-I	-10	16	M24X1,5	51,0	3,5	56,0	30,0
TFM90-261808-I	-8	18	M26X1,5	51,0	3,5	56,0	32,0
TFM90-261810-I	-10	18	M26X1,5	51,0	3,5	56,0	32,0
TFM90-261812-I	-12	18	M26X1,5	51,0	3,5	56,0	32,0
TFM90-281908-I	-8	19	M28X1,5	51,0	3,0	57,0	36,0
TFM90-281910-I	-10	19	M28X1,5	51,0	3,0	57,0	36,0
TFM90-281912-I	-12	19	M28X1,5	51,0	3,0	57,0	36,0
TFM90-302010-I	-10	20	M30X2,0	51,0	3,0	57,0	36,0
TFM90-302012-I	-12	20	M30X2,0	57,0	3,0	62,0	36,0
TFM90-302210-I	-10	22	M30X2,0	51,0	4,0	57,0	36,0
TFM90-302212-I	-12	22	M30X2,0	57,0	4,0	62,0	36,0
TFM90-342510-I	-10	25	M34X2,0	65,0	3,0	71,0	41,0
TFM90-342512-I	-12	25	M34X2,0	65,0	3,0	71,0	41,0
TFM90-342516-I	-16	25	M34X2,0	65,0	3,0	71,0	41,0
TFM90-362512-I	-12	25	M36X2,0	65,0	3,0	71,0	41,0
TFM90-362516-I	-16	25	M36X2,0	65,0	3,0	71,0	41,0
TFM90-362816-I	-16	28	M36X2,0	57,0	4,0	65,0	41,0
TFM90-423016-I	-16	30	M42X2,0	69,0	5,0	78,0	50,0
TFM90-453520-I	-20	35	M45X2,0	83,0	5,0	90,0	55,0
TFM90-483820-I	-20	38	M48X2,0	83,0	6,5	92,5	60,0
TFM90-523820-I	-20	38	M52X2,0	83,0	6,5	92,5	60,0
TFM90-524224-I	-24	42	M52X2,0	94,0	5,5	103,5	60,0



Fêmea Giratória Curva 90° - Longa - Métrica Cone 24° - DKO

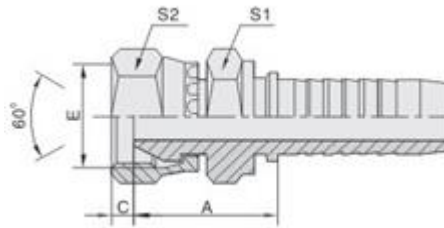
Referência Jason	Mangueira (Traço)	Tubo	Dimensões				
			Rosca (E)	A	C	H	S2
TFM90L-12L04-I	-4	12	M18X1,5	34,0	2,5		22,0
TFM90L-12L06-I	-6	12	M18X1,5	34,0	2,5		22,0
TFM90L-12L08-I	-8	12	M18X1,5	34,0	2,5		22,0
TFM90L-12S04-I	-4	12	M20X1,5	34,0	2,5		24,0
TFM90L-12S06-I	-6	12	M20X1,5	34,0	2,5		24,0
TFM90L-12S08-I	-8	12	M20X1,5	34,0	2,5		24,0
TFM90L-15L06-I	-6	15	M22X1,5	42,0	2,5		27,0
TFM90L-15L08-I	-8	15	M22X1,5	42,0	2,5		27,0
TFM90L-15L10-I	-10	15	M22X1,5	42,0	2,5		27,0
TFM90L-16S08-I	-8	16	M24X1,5	51,0	3,5		30,0
TFM90L-16S10-I	-10	16	M24X1,5	51,0	3,5		30,0



Fêmea Giratória Reta Métrica - JIC (duplo sextavado)

SAE J514

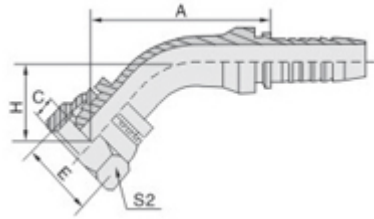
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	S1	S2
TFMIX-12-08-I	-8	M12x1,5	23,0	9,5	22,0	19,0
TFMIX-14-06-I	-6	M14x1,5	25,0	9,5	17,0	24,0
TFMIX-18-06-I	-6	M18x1,5	25,0	9,5	17,0	24,0
TFMIX-22-08-I	-8	M22x1,5	28,0	12,5	22,0	27,0
TFMIX-24-10-I	-10	M24x1,5	31,0	13,5	24,0	32,0
TFMIX-24-12-I	-12	M24x1,5	31,0	13,5	24,0	32,0



Fêmea Giratória Reta Métrica – Boleada (duplo sextavado)

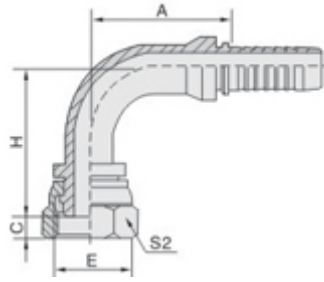
SAE J514

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	S1	S2
TFMXB-12-04-I	-4	M12x1,5	23,0	9,5	22,0	19,0
TFMXB-14-04-I	-4	M14x1,5	25,0	9,5	17,0	24,0
TFMXB-16-06-I	-6	M16x1,5	25,0	9,5	17,0	24,0
TFMXB-18-06-I	-6	M18x1,5	25,0	9,5	17,0	24,0
TFMXB-18-08-I	-8	M18x1,5	25,0	9,5	17,0	24,0
TFMXB-20-06-I	-6	M20x1,5	28,0	12,5	22,0	27,0
TFMXB-20-08-I	-8	M20x1,5	28,0	12,5	22,0	27,0
TFMXB-22-08-I	-8	M22x1,5	28,0	12,5	22,0	27,0
TFMXB-30-10-I	-10	M30x2,0	31,0	13,5	24,0	36,0
TFMXB-34-12-I	-12	M34x2,0	31,0	13,5	24,0	41,0



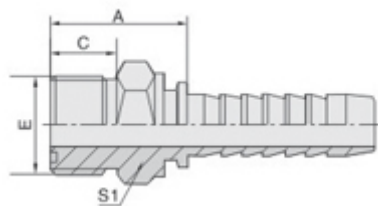
Fêmea Giratória Curva 45° Métrica - Boleada – Boleada

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFMB45-20-06-I	-6	M20X1,5	58,0	8,0	28,0	24,0



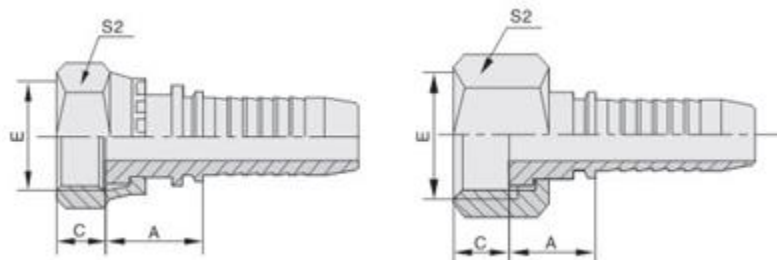
Fêmea Giratória Curva 90° Métrica – Boleada

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFMB90-12-04-I	-4	M12X1,5	38,0	5,0	38,0	17,0
TFMB90-16-06-I	-6	M16X1,5	55,0	8,0	58,0	19,0
TFMB90-18-06-I	-6	M18x1,5	58,5	9,5	59,0	22,0
TFMB90-20-06-I	-6	M20x1,5	58,5	9,5	59,0	24,0
TFMB90-20-08-I	-8	M20x1,5	58,5	9,5	59,0	24,0
TFMB90-22-06-I	-6	M22x1,5	58,5	9,5	59,0	27,0
TFMB90-22-10-I	-10	M22x1,5	58,5	9,5	59,0	27,0
TFMB90-26-10-I	-10	M26x1,5	58,5	9,5	59,0	32,0



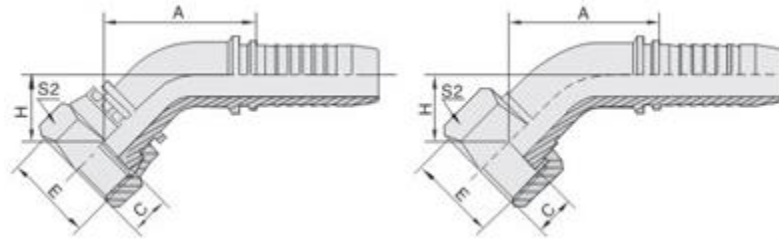
Macho Fixo ORFS

Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca (E)	A	C	S1
TMFOF-04-04-I	-4	9/16" - 18	24,5	11,0	17,0
TMFOF-06-06-I	-6	11/16" - 16	28,0	13,0	19,0
TMFOF-08-06-I	-6	13/16" - 16	30,0	14,0	22,0
TMFOF-08-08-I	-8	13/16" - 16	30,0	14,0	22,0
TMFOF-12-12-I	-12	1.3/16" - 12	38,0	19,0	32,0
TMFOF-12-16-I	-12	1.3/16" - 12	38,0	19,0	32,0
TMFOF-16-16-I	-16	1.7/16" - 12	39,5	19,0	38,0



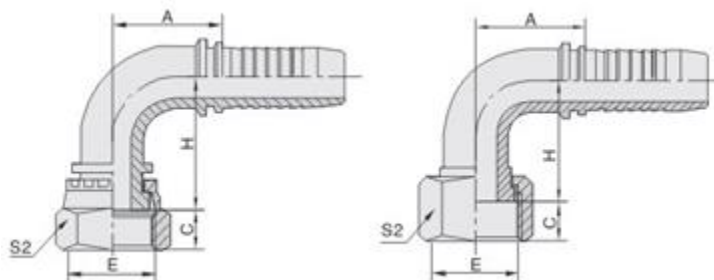
Fêmea Giratória Retá ORFS – Sede Plana

Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca (E)	A	C	S2
TFSP-04-04-I	-4	9/16"-18	23,5	8,5	19,0
TFSP-04-06-I	-6	9/16"-18	23,5	8,5	19,0
TFSP-06-04-I	-4	11/16"-16	25,5	9,5	22,0
TFSP-06-06-I	-6	11/16"-16	25,5	9,5	22,0
TFSP-06-08-I	-8	11/16"-16	25,5	9,5	22,0
TFSP-08-04-I	-4	13/16"-16	29,5	11,0	27,0
TFSP-08-06-I	-6	13/16"-16	29,5	11,0	27,0
TFSP-08-08-I	-8	13/16"-16	29,5	11,0	27,0
TFSP-08-12-I	-12	13/16"-16	30,5	11,0	27,0
TFSP-10-08-I	-8	1"-14	30,0	12,0	32,0
TFSP-10-10-I	-10	1"-14	31,0	12,0	32,0
TFSP-10-12-I	-12	1"-14	31,0	12,0	32,0
TFSP-12-08-I	-8	1.3/16"-12	30,0	14,0	36,0
TFSP-12-10-I	-10	1.3/16"-12	31,0	14,0	36,0
TFSP-12-12-I	-12	1.3/16"-12	31,0	14,0	36,0
TFSP-16-12-I	-12	1.7/16"-12	32,0	14,0	41,0
TFSP-16-16-I	-16	1.7/16"-12	33,5	14,0	41,0
TFSP-20-16-I	-16	1.11/16"-12	35,5	15,0	50,0
TFSP-20-20-I	-20	1.11/16"-12	36,0	15,0	50,0
TFSP-24-20-I	-20	2"-12	39,0	16,0	62,0
TFSP-24-24-I	-24	2"-12	39,0	16,0	62,0



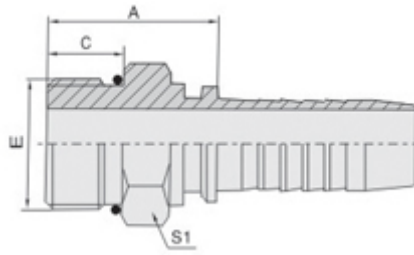
Fêmea Giratória Curva 45° ORFS – Sede Plana

Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFSP45-04-04-I	-4	9/16"-18	33,0	8,5	15,0	19,0
TFSP45-04-06-I	-6	9/16"-18	33,0	8,5	15,0	19,0
TFSP45-06-04-I	-4	11/16"-16	33,0	9,5	15,5	22,0
TFSP45-06-06-I	-6	11/16"-16	33,0	9,5	15,5	22,0
TFSP45-06-08-I	-8	11/16"-16	33,0	9,5	15,5	22,0
TFSP45-08-04-I	-4	13/16"-16	38,5	11,0	17,5	27,0
TFSP45-08-06-I	-6	13/16"-16	38,5	11,0	17,5	27,0
TFSP45-08-08-I	-8	13/16"-16	45,5	11,0	20,5	27,0
TFSP45-08-12-I	-12	13/16"-16	51,0	11,0	23,0	27,0
TFSP45-10-08-I	-8	1"-14	50,5	12,0	22,5	32,0
TFSP45-10-10-I	-10	1"-14	52,5	12,0	24,0	32,0
TFSP45-10-12-I	-12	1"-14	54,5	12,0	25,5	32,0
TFSP45-12-08-I	-8	1.3/16"-12	56,0	14,0	23,0	36,0
TFSP45-12-10-I	-10	1.3/16"-12	56,5	14,0	25,5	36,0
TFSP45-12-12-I	-12	1.3/16"-12	60,0	14,0	17,5	36,0
TFSP45-12-16-I	-16	1.3/16"-12	60,0	14,0	17,5	36,0
TFSP45-16-12-I	-12	1.7/16"-12	62,0	14,0	29,5	41,0
TFSP45-16-16-I	-16	1.7/16"-12	69,5	14,0	33,0	41,0
TFSP45-20-16-I	-16	1.11/16"-12	69,5	15,0	33,0	50,0
TFSP45-20-20-I	-20	1.11/16"-12	82,5	15,0	38,5	50,0
TFSP45-24-24-I	-24	2"-12	86,5	17,0	58,5	62,0



Fêmea Giratória Curva 90° ORFS – Sede Plana

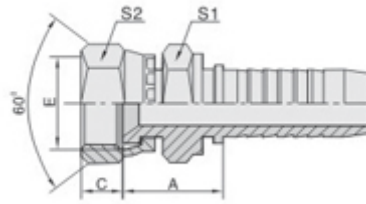
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	H	S2
TFSP90-04-04-I	-4	9/16"-18	28,5	8,5	28,0	19,0
TFSP90-04-06-I	-6	9/16"-18	30,5	8,5	31,0	19,0
TFSP90-06-04-I	-4	11/16"-16	30,5	9,5	31,0	22,0
TFSP90-06-06-I	-6	11/16"-16	34,0	9,5	34,5	22,0
TFSP90-06-08-I	-8	11/16"-16	42,0	9,5	34,5	22,0
TFSP90-08-06-I	-6	13/16"-16	42,0	11,0	35,5	27,0
TFSP90-08-08-I	-8	13/16"-16	42,0	11,0	42,0	27,0
TFSP90-10-08-I	-8	1"-14	42,0	12,0	43,0	32,0
TFSP90-10-10-I	-10	1"-14	51,0	12,0	49,0	32,0
TFSP90-10-12-I	-12	1"-14	57,0	12,0	54,0	32,0
TFSP90-12-08-I	-8	1.3/16"-12	42,0	14,0	45,0	36,0
TFSP90-12-10-I	-10	1.3/16"-12	52,0	14,0	49,0	36,0
TFSP90-12-12-I	-12	1.3/16"-12	57,0	14,0	56,0	36,0
TFSP90-12-16-I	-16	1.3/16"-12	57,0	14,0	59,0	36,0
TFSP90-16-12-I	-12	1.7/16"-12	57,0	14,0	59,0	41,0
TFSP90-16-16-I	-16	1.7/16"-12	69,0	14,0	70,0	41,0
TFSP90-20-16-I	-16	1.11/16"-12	69,0	15,0	70,0	50,0
TFSP90-20-20-I	-20	1.11/16"-12	83,0	15,0	82,0	50,0
TFSP90-24-20-I	-20	2"-12	90,0	17,0	90,0	62,0
TFSP90-24-24-I	-24	2"-12	90,0	17,0	90,0	62,0



Macho Fixo UNF O-ring

ISO 11926 / SAE J514

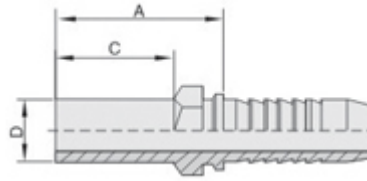
Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca (E)	A	C	S1
TMFOR-04-04-I	-4	7/16" – 20	21,5	9,1	14,0
TMFOR-04-06-I	-6	7/16" – 20	21,5	9,1	14,0
TMFOR-06-04-I	-4	9/16" – 18	22,5	9,9	17,0
TMFOR-06-06-I	-6	9/16" – 18	22,5	9,9	17,0
TMFOR-08-06-I	-6	3/4" – 16	27,0	11,1	22,0
TMFOR-08-08-I	-8	3/4" – 16	27,0	11,1	22,0
TMFOR-10-06-I	-6	7/8" – 14	29,5	12,7	24,0
TMFOR-10-10-I	-10	7/8" – 14	29,5	12,7	24,0
TMFOR-10-12-I	-12	7/8" – 14	29,5	12,7	24,0
TMFOR-12-08-I	-8	1.1/16" – 12	34,0	15,1	27,0
TMFOR-12-10-I	-10	1.1/16" – 12	34,0	15,1	27,0
TMFOR-12-12-I	-12	1.1/16" – 12	34,0	15,1	27,0
TMFOR-16-10-I	-10	1.5/16" – 12	35,5	15,1	36,0
TMFOR-16-12-I	-12	1.5/16" – 12	35,5	15,1	36,0
TMFOR-16-16-I	-16	1.5/16" – 12	35,5	15,1	36,0



Fêmea Giratória Retá KOMATSU (duplo sextavado)

JIS

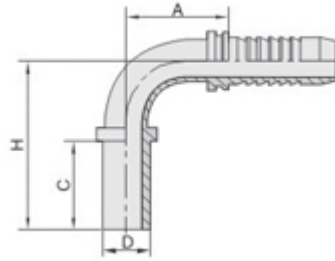
Referência Jason	Mangueira (Traço)	Dimensões				
		Rosca (E)	A	C	S1	S2
TFMKX-14-04-I	-4	M14x1,5	22,0	10,0	14,0	19,0
TFMKX-14-06-I	-6	M14x1,5	24,0	10,0	17,0	19,0
TFMKX-18-06-I	-6	M18x1,5	25,5	12,0	22,0	24,0
TFMKX-22-08-I	-8	M22x1,5	28,0	12,5	27,0	27,0
TFMKX-24-10-I	-10	M24x1,5	29,5	12,0	30,0	30,0
TFMKX-30-12-I	-12	M30x1,5	31,0	17,0	36,0	36,0
TFMKX-33-16-I	-16	M33x1,5	32,0	20,0	36,0	41,0



Ponta Lisa Reto

DIN 2353

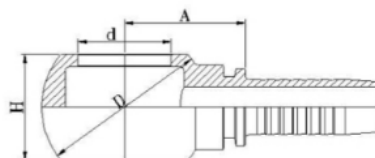
Referência Jason	Mangueira (Traço)	Dimensões		
		D (mm)	A	C
TET-06-04-I	-4	6	32,0	22,0
TET-06-06-I	-6	6	32,0	22,0
TET-08-04-I	-4	8	33,0	23,0
TET-08-06-I	-6	8	33,0	23,0
TET-10-04-I	-4	10	34,0	23,0
TET-10-06-I	-6	10	35,0	23,0
TET-12-06-I	-6	12	35,0	23,0
TET-12-08-I	-8	12	35,0	23,0
TET-14-08-I	-8	14	39,0	25,0
TET-15-08-I	-8	15	39,0	25,0
TET-16-08-I	-8	16	39,0	25,0
TET-16-10-I	-10	16	40,0	25,0
TET-18-10-I	-10	18	41,0	26,0
TET-19-10-I	-10	19	41,0	26,0
TET-25-12-I	-12	25	45,0	28,0
TET-25-16-I	-16	25	45,0	28,0



Ponta Lisa 90°

DIN 2353

Referência Jason	Mangueira (Traço)	Dimensões			
		D (mm)	A	C	H
TET90-06-04-I	-4	6	28,5	22,0	40,0
TET90-08-06-I	-6	8	30,5	23,0	48,0
TET90-10-04-I	-4	10	30,5	23,0	48,0
TET90-10-08-I	-8	10	34,0	23,0	53,5
TET90-12-06-I	-6	12	34,0	23,0	53,5
TET90-12-08-I	-8	12	34,0	23,0	53,5
TET90-15-08-I	-8	15	42,0	25,0	61,0
TET90-16-08-I	-8	16	42,0	25,0	61,0
TET90-19-10-I	-10	19	51,0	26,0	68,0
TET90-25-12-I	-12	25	57,0	28,0	74,0



Olhal Reto

DIN 7642

Referência Jason	Mangueira (Traço)	Rosca (ref.)	Dimensões			
			A	d	D	H
TOLHAL-08-04-I	-4	M8x1,0	23,5	8,2	18,0	10,3
TOLHAL-10-04-I	-4	M10x1,0	24,5	10,2	20,0	12,3
TOLHAL-10-06-I	-6	M10x1,0	24,5	10,2	20,0	12,3
TOLHAL-12-04-I	-4	M12x1,5	24,5	12,1	22,0	12,3
TOLHAL-12-06-I	-6	M12x1,5	27,0	12,1	22,0	12,3
TOLHAL-14-06-I	-6	M14x1,5	27,0	14,1	24,0	14,0
TOLHAL-16-06-I	-6	M16x1,5	29,0	16,1	28,0	16,0
TOLHAL-16-08-I	-8	M16x1,6	29,0	16,1	28,0	16,0
TOLHAL-18-06-I	-6	M18x1,5	30,0	18,1	32,0	20,0
TOLHAL-18-08-I	-8	M18x1,5	30,0	18,1	32,0	20,0
TOLHAL-20-08-I	-8	M20x1,5	33,0	20,1	35,0	23,0
TOLHAL-22-08-I	-8	M22x1,5	36,0	22,2	39,0	26,0

SEM IMAGEM

Olhal 45°

DIN 7642

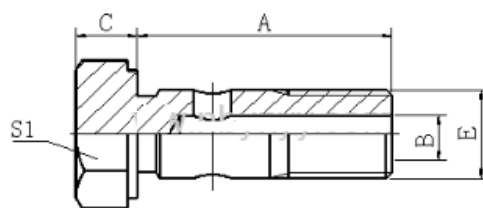
Referência	Jason	Mangueira (Traço)	Rôscas (ref.)	Dimensões			
				A	d	D	H
TOLHAL45-08-04-I		-4	M8x1,0		8,2	18,0	
TOLHAL45-08-06-I		-6	M8x1,0		8,2	18,0	
TOLHAL45-10-04-I		-4	M10x1,0		10,2	20,0	
TOLHAL45-12-04-I		-4	M12x1,5		12,1	22,0	
TOLHAL45-14-04-I		-4	M14x1,5		14,1	24,0	
TOLHAL45-16-06-I		-6	M16x1,5		16,1	28,0	

SEM IMAGEM

Olhal 90°

DIN 7642

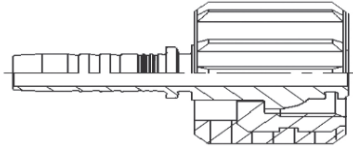
Referência	Jason	Mangueira (Traço)	Rôska (ref.)	Dimensões			
				A	d	D	H
TOLHAL90-08-06-I		-6	M8x1,0		8,2	18,0	
TOLHAL90-10-04-I		-4	M10x1,0		10,2	20,0	
TOLHAL45-12-04-I		-4	M12x1,5		12,1	22,0	
TOLHAL45-12-06-I		-6	M12x1,5		12,1	22,0	
TOLHAL45-14-04-I		-4	M14x1,5		14,1	24,0	
TOLHAL45-14-06-I		-6	M14x1,5		14,1	24,0	



Parafuso para Olhal

DIN 7643

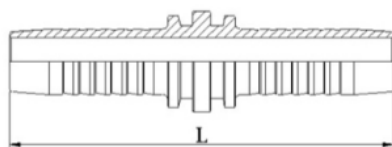
Referência Jason	Rosca E	Dimensões			
		A	B	C	S1
TBOLT-18-1	M18x1,5	33,0	11,0	7,0	24,0
TBOLT-20-1	M20x1,5	36,0	12,5	7,5	27,0
TBOLT-22-1	M22x1,5	39,0	14,0	8,0	27,0
TBOLT-24-1	M24x1,5	42,0	16,0	8,0	32,0
TBOLT-26-1	M26x1,5	45,0	18,0	8,0	32,0



SEM IMAGEM

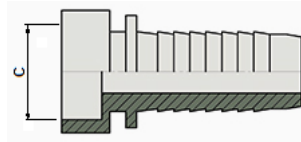
Terminais para Maquinas de Lavar Wap/Karcher

Referência Jason	Mangueira (Traço)	Dimensões			
		Rosca E			S1
TLJWP-18-04-I	-4	M18x1,5			
TLJWP-18-04-I	-6	M18x1,5			
TLJKC-22-04-I	-4	M22x1,5			
TLJKC-22-06-I	-6	M22x1,5			



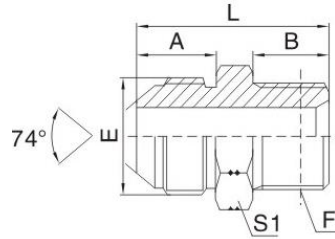
União Dupla - Emenda

Referência Jason	Mangueira (Traço)	Dimensões			
		L			
TEMH-04-04-I	-4	69,0			
TEMH-06-06-I	-6	73,0			
TEMH-08-08-I	-8	77,0			
TEMH-10-10-I	-10	83,0			
TEMH-12-12-I	-12	93,0			
TEMH-16-16-I	-16	114,0			



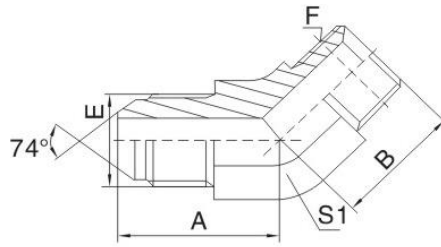
Salva Vidas

Referência Jason	Mangueira (Traço)	Dimensões			
		C			
TSV-04-I	-4	6,5			
TSV-06-I	-6	10,0			
TSV-08-I	-8	13,0			
TSV-10-I	-10	16,0			
TSV-12-I	-12	19,5			
TSV-16-I	-16	26,0			
TSV-20-I	-20	32,0			



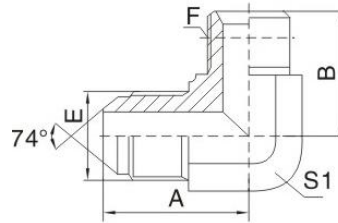
Macho Fixo NPT x Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	F	E	A	B	L	S1
T02MP-04MI-I	1/8"-27	7/16"-20	14,0	10,5	30,5	12,0
T02MP-05MI-I	1/8"-27	1/2"-20	14,0	10,5	30,5	17,0
T02MP-06MI-I	1/8"-27	9/16"-18	14,1	10,5	30,5	17,0
T04MP-04MI-I	1/4"-18	7/16"-20	14,0	15,0	35,0	17,0
T04MP-05MI-I	1/4"-18	1/2"-20	14,0	15,0	35,0	17,0
T04MP-06MI-I	1/4"-18	9/16"-18	14,1	15,0	34,5	17,0
T04MP-08MI-I	1/4"-18	3/4"-16	16,7	15,0	39,0	22,0
T04MP-10MI-I	1/4"-18	7/8"-14	19,3	15,0	42,5	24,0
T04MP-12MI-I	1/4"-18	1.1/16"-12	21,9	15,0	47,0	30,0
T06MP-04MI-I	3/8"-18	7/16"-20	14,0	16,0	36,0	19,0
T06MP-05MI-I	3/8"-18	1/2"-20	14,0	16,0	36,0	19,0
T06MP-06MI-I	3/8"-18	9/16"-18	14,1	16,0	36,0	19,0
T06MP-08MI-I	3/8"-18	3/4"-16	16,7	16,0	40,0	22,0
T06MP-10MI-I	3/8"-18	7/8"-14	19,3	16,0	43,5	24,0
T08MP-04MI-I	1/2"-14	7/16"-20	14,0	19,5	41,5	24,0
T08MP-05MI-I	1/2"-14	1/2"-20	14,0	19,5	41,5	24,0
T08MP-06MI-I	1/2"-14	9/16"-18	14,1	19,5	41,5	24,0
T08MP-08MI-I	1/2"-14	3/4"-16	16,7	19,5	44,0	24,0
T08MP-10MI-I	1/2"-14	7/8"-14	19,3	19,5	47,0	24,0
T08MP-12MI-I	1/2"-14	1.1/16"-12	21,9	19,5	51,0	30,0
T12MP-06MI-I	3/4"-14	9/16"-18	16,7	19,5	46,5	30,0
T12MP-08MI-I	3/4"-14	3/4"-16	16,7	19,5	46,5	30,0
T12MP-10MI-I	3/4"-14	7/8"-14	19,3	19,5	49,0	30,0
T12MP-12MI-I	3/4"-14	1.1/16"-12	21,9	19,5	51,5	30,0
T12MP-16MI-I	3/4"-14	1.5/16"-12	23,1	19,5	53,5	36,0
T16MP-12MI-I	1"-11,5	1.1/16"-12	21,9	25,5	58,5	36,0
T16MP-16MI-I	1"-11,5	1.5/16"-12	23,1	25,5	58,5	36,0
T16MP-20MI-I	1"-11,5	1.5/8"-12	24,3	25,5	63,0	46,0
T20MP-12MI-I	1.1/4"-11,5	1.1/16"-12	21,9	26,5	61,5	46,0
T20MP-16MI-I	1.1/4"-11,5	1.5/16"-12	23,1	26,5	62,5	46,0
T20MP-20MI-I	1.1/4"-11,5	1.5/8"-12	24,3	26,5	63,5	46,0
T20MP-24MI-I	1.1/4"-11,5	1.7/8"-12	27,5	26,5	69,0	50,0
T24MP-12MI-I	1.1/2"-11,5	1.1/16"-12	21,9	27,5	63,5	50,0
T24MP-16MI-I	1.1/2"-11,5	1.5/16"-12	23,1	27,5	65,5	50,0
T24MP-24MI-I	1.1/2"-11,5	1.7/8"-12	27,5	27,5	70,0	50,0
T32MP-32MI-I	2"-11,5	2.1/2"-12	33,9	27,5	78,5	65,0



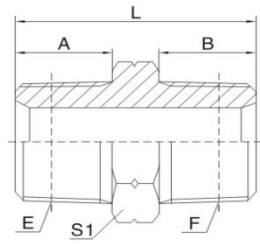
Cotovelo 45° Macho Fixo NPT x Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	F	E	A	B		S1
T06MP-06MI-45-I	3/8"-18	9/16"-18	24,0	24,0		19,0



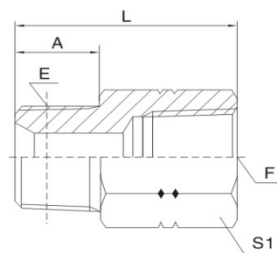
Cotovelo 90° Macho Fixo NPT x Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	F	E	A	B		S1	
T02MP-04MI-90-I	1/8"-27	7/16"-20	24,5	21,0		11,0	
T02MP-06MI-90-I	1/8"-27	9/16"-18	26,9	25,5		14,0	
T04MP-04MI-90-I	1/4"-18	7/16"-20	24,5	21,0		11,0	
T04MP-05MI-90-I	1/4"-18	1/2"-20	26,6	25,5		14,0	
T04MP-06MI-90-I	1/4"-18	9/16"-18	29,5	31,0		19,0	
T04MP-08MI-90-I	1/4"-18	3/4"-16	32,0	28,5		19,0	
T06MP-04MI-90-I	3/8"-18	7/16"-20	29,5	31,0		19,0	
T06MP-06MI-90-I	3/8"-18	9/16"-18	30,0	31,0		19,0	
T06MP-08MI-90-I	3/8"-18	3/4"-16	32,0	31,0		19,0	
T06MP-10MI-90-I	3/8"-18	7/8"-14	37,8	32,5		22,0	
T08MP-06MI-90-I	1/2"-14	9/16"-18	32,0	36,7		22,0	
T08MP-10MI-90-I	1/2"-14	7/8"-14	37,8	37,5		22,0	
T08MP-12MI-90-I	1/2"-14	1.1/16"-12	44,2	40,0		27,0	
T12MP-10MI-90-I	3/4"-14	7/8"-14	41,0	44,0		27,0	
T12MP-12MI-90-I	3/4"-14	1.1/16"-12	44,2	44,0		27,0	
T16MP-12MI-90-I	1"-11,5	1.1/16"-12	49,0	50,0		33,0	
T16MP-16MI-90-I	1"-11,5	1.5/16"-12	49,0	50,0		33,0	
T20MP-16MI-90-I	1.1/4"-11,5	1.5/16"-12	54,0	60,5		41,0	



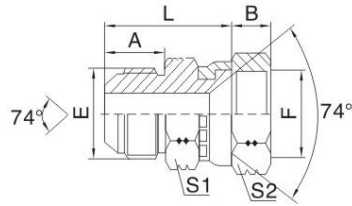
Macho Fixo NPT x Macho Fixo NPT

Referência Jason	Roscas		Dimensões				
	E	F	A	B	L	S1	
T04MP-04MP-I	1/4"-18	1/4"-18	15,0	15,0	34,0	17,0	
T06MP-04MP-I	3/8"-18	1/4"-18	16,0	15,0	37,0	19,0	
T06MP-06MP-I	3/8"-18	3/8"-18	16,0	16,0	38,0	19,0	
T08MP-04MP-I	1/2"-14	1/4"-18	19,5	15,0	41,5	22,0	
T08MP-06MP-I	1/2"-14	3/8"-18	19,5	16,0	43,5	22,0	
T08MP-08MP-I	1/2"-14	1/2"-14	19,5	19,5	47,0	22,0	
T12MP-08MP-I	3/4"-14	1/2"-14	19,5	19,5	49,0	27,0	
T12MP-12MP-I	3/4"-14	3/4"-14	19,5	19,5	49,0	27,0	
T16MP-12MP-I	1"-11,5	3/4"-14	25,5	19,5	55,0	36,0	
T16MP-16MP-I	1"-11,5	1"-11,5	25,5	25,5	61,0	36,0	
T20MP-16MP-I	1.1/4"-11,5	1"-11,5	26,5	25,5	64,0	46,0	
T24MP-20MP-I	1.1/2"-11,5	1.1/4"-11,5	27,5	26,5	69,0	50,0	



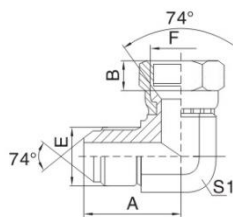
Macho Fixo NPT x Fêmea Fixa NPT

Referência Jason	Roscas		Dimensões				
	E	F	A	L	S1	F	
T06MP-04FP-I	3/8"-18	1/4"-18	16,0	22,0	19,0		
T08MP-04FP-I	1/2"-14	1/4"-18	19,5	28,0	24,0		
T08MP-06FP-I	1/2"-14	3/8"-18	19,5	28,5	24,0		
T16MP-12FP-I	1"-11,5	3/4"-14	25,5	36,5	36,0		



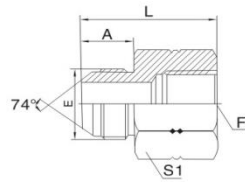
Fêmea Giratória JIC X Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	F	E	A	B	L	S1	S2
T04FI-06MI-I	7/16"-20	9/16"-18	14,1	10,5	29,0	17,0	19,0
T12FI-12MI-I	1.1/16"-12	1.1/16"-12	21,9	15,0	44,5	30,0	32,0



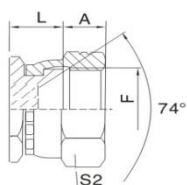
Cotovelo 90°Fêmea Giratória JIC X Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	E	F	A	B		S1	S2
T06FI-06MI-90-I	9/16"-18	9/16"-18	26,9	10,5		14,0	19,0
T08FI-08MI-90-I	3/4"-16	3/4"-16	32,0	11,0		19,0	24,0
T10FI-10MI-90-I	7/8"-14	7/8"-14	37,8	13,0		22,0	27,0
T12FI-12MI-90-I	1.1/16"-12	1.1/16"-12	44,2	15,0		27,0	32,0



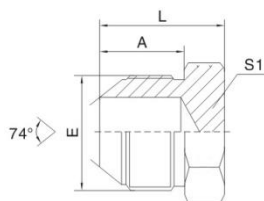
Fêmea Fixa NPT X Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	F	E	A	L		S1	
T04FP-04MI-I	1/4"-18	7/16"-20	14,0	35,5		19,0	
T06FP-05MI-I	3/8"-18	1/2"-20	14,1	37,1		22,0	
T06FP-06MI-I	3/8"-18	9/16"-18	14,1	37,1		22,0	



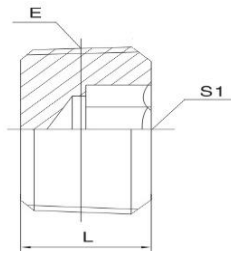
Tampão Fêmea Giratória JIC

Referência Jason	Roscas		Dimensões				
	F		A	L		S2	
T04FI-TP-I	7/16"-20		9,0	10,5		15,0	
T06FI-TP-I	9/16"-18		10,5	11,0		19,0	
T08FI-TP-I	3/4"-16		11,0	13,0		24,0	
T10FI-TP-I	7/8"-14		13,0	13,5		27,0	
T12FI-TP-I	1.1/16"-12		15,0	15,0		32,0	
T16FI-TP-I	1.5/16"-12		16,0	15,5		41,0	
T20FI-TP-I	1.5/8"-12		17,0	18,5		50,0	
T24FI-TP-I	1.7/8"-12		20,0	19,0		55,0	



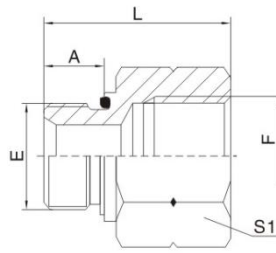
Tampão Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	E		A	L		S1
T04MI-TP-I	7/16"-20		14,0	20,0		12,0
T06MI-TP-I	9/16"-18		14,1	20,0		17,0
T08MI-TP-I	3/4"-16		16,7	25,0		22,0
T10MI-TP-I	7/8"-14		19,3	27,5		24,0
T12MI-TP-I	1.1/16"-12		21,9	32,0		30,0
T16MI-TP-I	1.5/16"-12		23,1	34,0		36,0
T20MI-TP-I	1.5/8"-12		24,3	38,0		46,0
T24MI-TP-I	1.7/8"-12		27,7	44,5		50,0



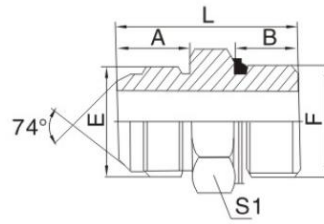
Bujão Sextavado Interno NPT

Referência Jason	Roscas		Dimensões			
	E		L		S1	
T12MP-BJ-I	3/4"-14		16,0		12,0	



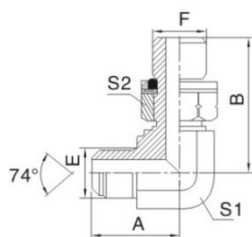
Macho Fixo BSP x Fêmea Fixa NPT

Referência Jason	Roscas		Dimensões				
	E	F	A	L		S1	
T04MBO-04FP-I	1/4"-19	1/4"-18	12,0	31,0		19,0	



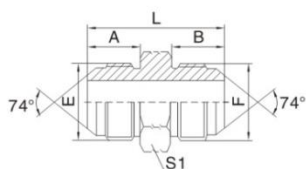
Macho Fixo BSP x Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	F	E	A	B	L	S1
T04MBO-04MI-90-I	1/4"-19	7/16"-20	14,0	10,0	32,5	19,0
T04MBO-05MI-90-I	1/4"-19	1/2"-20	14,0	10,0	33,0	19,0
T06MBO-04MI-90-I	3/8"-19	7/16"-20	14,0	11,5	34,0	22,0
T06MBO-06MI-90-I	3/8"-19	9/16"-18	14,0	11,5	34,0	22,0
T06MBO-08MI-90-I	3/8"-19	3/4"-16	16,7	11,5	37,0	22,0
T08MBO-04MI-90-I	1/2"-14	7/16"-20	14,0	14,0	39,0	27,0
T08MBO-08MI-I	1/2"-14	3/4"-16	16,7	14,0	42,0	27,0
T08MBO-10MI-I	1/2"-14	7/8"-14	19,3	14,0	44,5	27,0
T08MBO-12MI-I	1/2"-14	1.1/16"-12	22,0	14,0	49,0	30,0
T10MBO-06MI-I	5/8"-14	9/16"-18	16,7	15,5	44,0	32,0
T10MBO-10MI-I	5/8"-14	7/8"-14	16,7	15,5	44,0	32,0
T10MBO-12MI-I	5/8"-14	1.1/16"-12	16,7	15,5	44,0	32,0
T16MBO-16MI-I	1"-11	1.5/16"-12	23,0	18,0	55,0	41,0



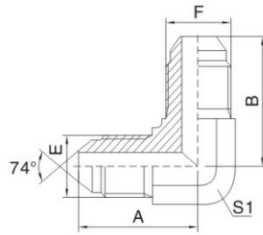
Cotovelo 90° Macho Fixo BSP x Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	F	E	A	B		S1	S2
T04MBO-05MI-I	1/4"-19	1/2"-20	26,5	31,8		14,0	19,0
T06MBO-04MI-I	3/8"-19	7/16"-20	27,5	36,8		16,0	22,0
T06MBO-06MI-I	3/8"-19	9/16"-18	28,5	35,8		16,0	22,0
T06MBO-08MI-I	3/8"-19	3/4"-16	32,5	43,2		22,0	27,0
T08MBO-08MI-I	1/2"-14	3/4"-16	34,8	43,2		22,0	27,0



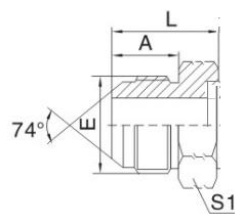
Macho Fixo JIC x Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	F	E	A	B	L	S1	
T04MI-04MI-I	7/16"-20	7/16"-20	14,0	14,0	34,0	12,0	
T05MI-05MI-I	1/2"-20	1/2"-20	14,0	14,0	34,0	17,0	
T06MI-04MI-I	7/16"-20	9/16"-18	14,0	14,0	34,0	17,0	
T06MI-05MI-I	1/2"-20	9/16"-18	14,0	14,0	34,0	17,0	
T06MI-06MI-I	9/16"-18	9/16"-18	14,1	14,4	34,2	17,0	
T08MI-06MI-I	9/16"-18	3/4"-16	16,7	14,1	38,5	22,0	
T08MI-08MI-I	3/4"-16	3/4"-16	16,7	16,7	42,0	22,0	
T10MI-08MI-I	3/4"-16	7/8"-14	19,3	16,7	44,0	24,0	
T10MI-10MI-I	7/8"-14	7/8"-14	19,3	19,3	46,5	24,0	
T12MI-10MI-I	7/8"-14	1.1/16"-12	21,9	19,3	51,0	30,0	
T12MI-12MI-I	1.1/16"-12	1.1/16"-12	21,9	21,9	54,0	30,0	
T16MI-12MI-I	1.1/16"-12	1.5/16"-12	23,1	21,9	56,0	36,0	
T16MI-16MI-I	1.5/16"-12	1.5/16"-12	23,1	23,1	57,0	36,0	
T24MI-24MI-I	1.7/8"-12	1.7/8"-12	27,5	27,5	70,0	50,0	



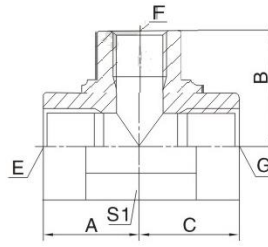
Cotovelo 90° Macho Fixo JIC x Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	E	F	A	B		S1
T12MI-12MI-90-I	1.1/16"-12	1.1/16"-12	44,2	44,2		27
T16MI-16MI-90-I	1.5/16"-12	1.5/16"-12	49,0	49,0		33,0



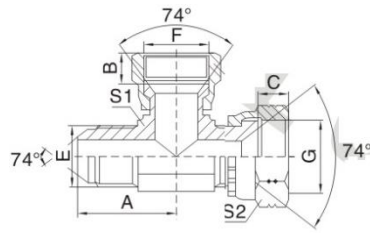
Macho Fixo JIC para Solda

Referência Jason	Roscas		Dimensões				
	E		A	L		S1	TUBO
T08MI-SD22-I	3/4"-16		16,7	25,0		30,0	22,0
T12MI-SD22-I	1.1/16"-12		21,9	32,0		30,0	22,0
T16MI-SD30-I	1.5/16"-12		26,1	34,0		36,0	30,0



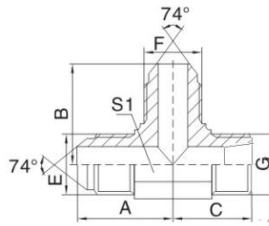
Tee Igual Fêmea Fixa NPT

Referência Jason	Roscas		Dimensões			
	E - F - G		A	B	C	S1
T08FP08FP08FP-I	1/2"-14		31,2	35,0	31,2	42,5



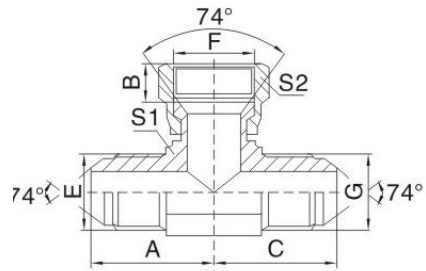
Tee JIC – Fêmea Giratória Central e Lateral

Referência Jason	Roscas		Dimensões				
	E - F - G		A	B	C	S1	S2
T06MI06FI06FI-I	9/16"-18		26,9	10,5	10,5	14,0	19,0



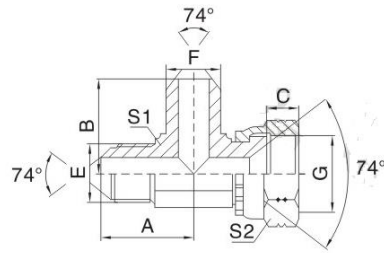
Tee Macho Fixo JIC x Macho Fixo DKO Lateral

Referência Jason	Roscas		Dimensões				
	E - F	G	A	B	C	S1	TUBO
T06MI06MI20MM-I	9/16"-18	M20x1,5	26,9	26,9	23,0	14,0	12,0
T08MI08MI20MM-I	3/4"-16	M20x1,5	32,0	32,0	29,0	19,0	12,0



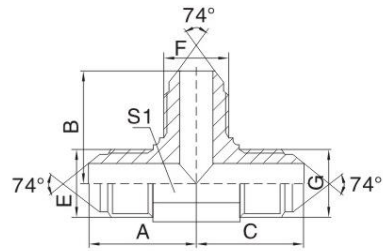
Tee Macho Fixo JIC x Fêmea Giratória Central JIC

Referência Jason	Roscas		Dimensões				
	E - F - G		A	B	C	S1	S2
T04MI04FI04MI-I	7/16"-20		24,5	9,0	24,5	11,0	15,0
T06MI06FI06MI-I	9/16"-18		26,9	10,5	26,9	14,0	19,0
T08MI08FI08MI-I	3/4"-16		32,0	11,0	32,0	19,0	24,0
T10MI10FI10MI-I	7/8"-14		37,8	14,0	37,8	22,0	27,0
T12MI12FI12MI-I	1.1/16"-12		44,2	15,0	44,2	27,0	32,0



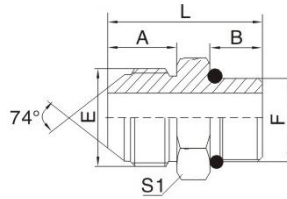
Tee Macho Fixo JIC x Fêmea Giratória Lateral JIC

Referência Jason	Roscas		Dimensões				
	E - F - G		A	B	C	S1	S2
T04MI04MI04FI-I	7/16"-20		24,5	24,5	9,0	11,0	15,0
T06MI06MI06FI-I	9/16"-18		26,9	26,9	10,5	14,0	19,0
T08MI08MI08FI-I	3/4"-16		32,0	32,0	11,0	19,0	24,0
T10MI10MI10FI-I	7/8"-14		37,8	37,8	14,0	22,0	27,0
T12MI12MI12FI-I	1.1/16"-12		44,2	44,2	15,0	27,0	32,0
T16MI16MI16FI-I	1.5/16"-12		49,0	49,0	16,0	33,0	41,0



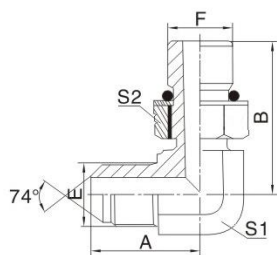
Tee Igual Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	E - F - G		A	B	C	S1
T04MI04MI04MI-I	7/16"-20		24,5	24,5	24,5	11,0
T06MI06MI06MI-I	9/16"-18		26,9	26,9	26,9	14,0
T08MI08MI08MI-I	3/4"-16		32,0	32,0	32,0	19,0
T10MI10MI10MI-I	7/8"-14		37,8	37,8	37,8	22,0
T12MI12MI12MI-I	1.1/16"-12		44,2	44,2	44,2	27,0



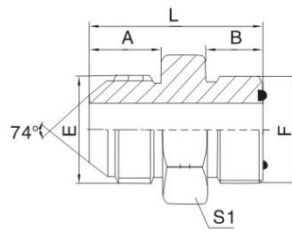
Macho Fixo O-Ring Base (Paralelo) x Macho Fixo JIC

Referência Jason	Roscas		Dimensões				
	F	E	A	B	L	S1	
T04MO-04MI-I	7/16"-20	7/16"-20	14,0	9,1	29,0	14,0	
T04MO-06MI-I	7/16"-20	9/16"-18	14,0	9,1	29,0	17,0	
T05MO-05MI-I	1/2"-20	1/2"-20	14,0	9,1	29,0	17,0	
T05MO-06MI-I	1/2"-20	9/16"-18	14,0	9,1	29,0	17,0	
T06MO-04MI-I	9/16"-18	7/16"-20	14,0	9,9	30,0	17,0	
T06MO-06MI-I	9/16"-18	9/16"-18	14,0	9,9	30,0	17,0	
T06MO-10MI-I	9/16"-18	7/8"-14	19,3	11,1	39,0	24,0	
T08MO-06MI-I	3/4"-16	9/16"-18	14,1	11,1	33,0	22,0	
T08MO-08MI-I	3/4"-16	3/4"-16	16,7	11,1	36,0	22,0	
T08MO-10MI-I	3/4"-16	7/8"-14	19,3	11,1	39,0	24,0	
T08MO-12MI-I	3/4"-16	1.1/16"-12	21,9	11,1	43,0	30,0	
T10MO-06MI-I	7/8"-14	9/16"-18	14,1	12,7	37,0	27,0	
T10MO-08MI-I	7/8"-14	3/4"-16	16,7	12,7	40,0	27,0	
T10MO-10MI-I	7/8"-14	7/8"-14	19,3	12,7	42,5	27,0	
T10MO-12MI-I	7/8"-14	1.1/16"-12	21,9	12,7	45,0	30,0	
T10MO-16MI-I	7/8"-14	1.5/16"-12	23,1	15,1	49,0	36,0	
T12MO-10MI-I	1.1/16"-12	7/8"-14	19,3	15,1	45,5	32,0	
T12MO-12MI-I	1.1/16"-12	1.1/16"-12	21,9	15,1	48,0	32,0	
T12MO-16MI-I	1.1/16"-12	1.5/16"-12	23,1	15,1	49,0	36,0	
T16MO-12MI-I	1.5/16"-12	1.1/16"-12	21,9	15,1	48,0	38,0	
T16MO-16MI-I	1.5/16"-12	1.5/16"-12	23,1	15,1	49,0	38,0	
T16MO-24MI-I	1.5/16"-12	1.7/8"-12	27,5	15,1	57,5	50,0	
T20MO-16MI-I	1.5/8"-12	1.5/16"-12	23,1	15,1	53,0	50,0	
T20MO-20MI-I	1.5/8"-12	1.5/8"-12	24,3	15,1	54,5	50,0	
T24MO-20MI-I	1.7/8"-12	1.5/8"-12	24,3	15,1	54,5	55,0	
T24MO-24MI-I	1.7/8"-12	1.7/8"-12	27,5	15,1	57,5	55,0	



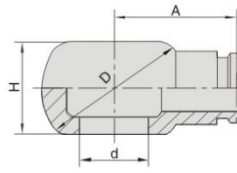
Cotovelo 90° Macho Fixo O-Ring Base (Paralelo) x Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	F	E	A	B	S1	S2
T04MO-04MI-90-I	7/16"-20	7/16"-20	24,5	27,2	11,0	17,0
T04MO-06MI-90-I	7/16"-20	9/16"-18	26,9	30,0	14,0	17,0
T05MO-04MI-90-I	1/2"-20	7/16"-20	26,6	29,9	14,0	17,0
T05MO-05MI-90-I	1/2"-20	1/2"-20	26,6	29,0	14,0	17,0
T05MO-06MI-90-I	1/2"-20	9/16"-18	26,6	29,9	14,0	17,0
T06MO-04MI-90-I	9/16"-18	7/16"-20	26,6	31,8	14,0	19,0
T06MO-04MI-90-I	9/16"-18	1/2"-20	26,6	31,8	14,0	19,0
T06MO-06MI-90-I	9/16"-18	9/16"-18	26,6	31,8	14,0	19,0
T06MO-08MI-90-I	9/16"-18	3/4"-16	33,0	33,5	19,0	19,0
T08MO-06MI-90-I	3/4"-16	9/16"-18	30,0	36,8	19,0	24,0
T08MO-08MI-90-I	3/4"-16	3/4"-16	33,0	36,8	19,0	24,0
T08MO-10MI-90-I	3/4"-16	7/8"-14	38,0	40,0	22,0	27,0
T08MO-12MI-90-I	3/4"-16	1.1/16"-12	45,0	40,0	27,0	24,0
T10MO-08MI-90-I	7/8"-14	3/4"-16	34,8	44,0	22,0	27,0
T10MO-10MI-90-I	7/8"-14	7/8"-14	37,8	44,0	22,0	27,0
T10MO-12MI-90-I	7/8"-14	1.1/16"-12	44,2	47,0	27,0	27,0
T12MO-10MI-90-I	1.1/16"-12	7/8"-14	41,0	51,0	27,0	32,0
T12MO-12MI-90-I	1.1/16"-12	1.1/16"-12	44,2	51,0	27,0	32,0
T16MO-10MI-90-I	1.5/16"-12	7/8"-14	47,8	54,5	33,0	41,0



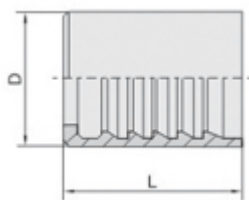
Macho Fixo O-Ring fACE (ORFS) x Macho Fixo JIC

Referência Jason	Roscas		Dimensões			
	F	E	A	B	L	S1
T06MOF-10MI-I	11/16"-16	7/8"-14	19,3	12,8	40,0	24,0
T08MOF-10MI-I	13/16"-16	7/8"-14	19,3	12,8	40,0	24,0
T08MOF-12MI-I	13/16"-16	1.1/16"-12	21,9	15,5	47,5	30,0
T10MOF-12MI-I	1"-14	1.1/16"-12	21,9	15,5	47,5	30,0
T12MOF-12MI-I	1.3/16"-12	1.1/16"-12	21,9	17,0	50,0	32,0
T16MOF-16MI-I	1.7/16"-12	1.5/16"-12	23,1	17,5	51,5	38,0



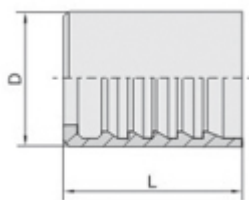
Olhal para Solda

Referência Jason	Dimensões					
	A	D	D	H		
TOLHAL-SD-18-I	31,5	18,1	28,0	20,0		
TOLHAL-SD-24-I	41,0	24,2	42,5	27,0		
TOLHAL-SD-26-I	41,0	26,2	46,0	30,0		



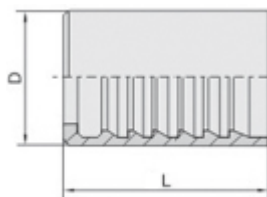
Capa para Mangueira 1 Trançado de Aço

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço		D	L	
JCPH1TR-04-I	1/4"	-4		20,0	30,5	
JCPH1TR-06-I	3/8"	-6		23,3	32,0	
JCPH1TR-08-I	1/2"	-8		27,0	34,0	



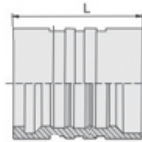
Capa para Mangueira 1 e 2 Trançado de Aço

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço		D	L	
JCPH2TR-03-I	3/16"	-3		18,0	27,0	
JCPH2TR-04-I	1/4"	-4		21,0	30,5	
JCPH2TR-05-I	5/16	-4		23,0	32,0	
JCPH2TR-06-I	3/8"	-6		25,0	32,0	
JCPH2TR-08-I	1/2"	-8		28,5	34,0	
JCPH2TR-10-I	5/8"	-10		32,0	37,0	
JCPH2TR-12-I	3/4"	-12		36,0	42,0	
JCPH2TR-16-I	1"	-16		45,0	50,0	
JCPH2TR-20-I	1.1/4"	-20		56,0	58,0	
JCPH2TR-24-I	1.1/2"	-24		63,0	66,0	
JCPH2TR-32-1	2"	-32		75,5	78,0	



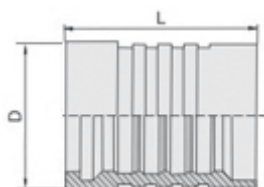
Capa para Mangueira 4 Espirais de Aço - Longa

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço		D	L	
JCHP4SP-08-I	1/2"	-8		30,0	41,0	
JCHP4SP-10-I	5/8"	-10		33,0	43,0	
JCHP4SP-12-I	3/4"	-12		37,0	50,0	
JCHP4SP-16-I	1"	-16		46,0	61,5	
JCHP4SP-20-I	1.1/4"	-20		56,5	67,5	
JCHP4SP-24-I	1.1/2"	-24		65,0	75,0	
JCHP4SP-32-1	2"	-32		77,0	78,0	



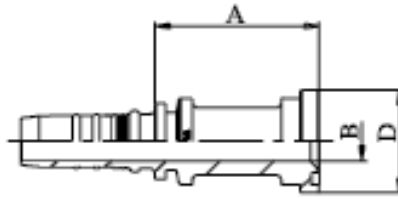
Capa para Mangueira 4 Espirais de Aço - Raiada

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço		D	L	
JCPH4SCF-10-I	5/8"	-10		33,0	37,0	
JCPH4SCF-12-I	3/4"	-12		37,0	42,0	
JCPH4SCF-16-I	1"	-16		46,0	50,0	
JCPH4SCF-20-I	1.1/4"	-20		56,5	58,0	
JCPH4SCF-24-I	1.1/2"	-24		65,0	66,0	
JCPH4SCF-32-1	2"	-32		77,0	78,0	



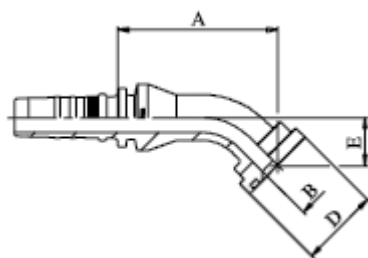
Capa Interlock para Mangueiras 4 e 6 Espirais de Aço

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço		D	L	
JCPHI-12-I	3/4"	-12		40,0	53,0	
JCPHI-16-I	1"	-16		49,0	66,0	
JCPHI-20-I	1.1/4"	-20		60,0	88,5	
JCPHI-24-I	1.1/2"	-24		69,3	102,0	
JCPHI-32-I	2"	-32		86,5	108,0	



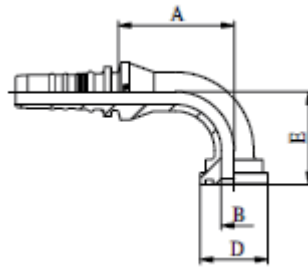
Flange Reta Interlock Cod 62

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço	Flange	B	A	D
JIFLB-1212-I	3/4"	-12	3/4"	16,0	71,8	41,3
JIFLB-1612-I	3/4"	-12	1"	20,0	83,8	47,6
JIFLB-1216-I	1"	-16	3/4"	16,0	80,5	41,3
JIFLB-1616-I	1"	-16	1"	20,0	85,0	47,6
JIFLB-2016-I	1"	-16	1.1/4"	26,0	89,0	54,0
JIFLB-1620-I	1.1/4"	-20	1"	20,0	86,9	47,6
JIFLB-2020-I	1.1/4"	-20	1.1/4"	26,0	91,0	54,0
JIFLB-2420-I	1.1/4"	-20	1.1/2"	32,0	97,0	63,5
JIFLB-2024-I	1.1/2"	-24	1.1/4"	26,0	101,0	54,0
JIFLB-2424-I	1.1/2"	-24	1.1/2"	32,0	97,5	63,5
JIFLB-3224-I	1.1/2"	-24	2"	42,0	112,5	79,4
JIFLB-3232-I	2"	-32	2"	42,0	112,5	79,4



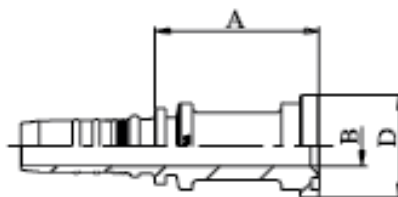
Flange 45° Interlock Cod 62

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Flange	B	A	D	E
JIFLB45-1212-I	3/4"	-12	3/4"	16,0	83,0	41,3	29,5
JIFLB45-1612-I	3/4"	-12	1"	20,0	87,0	47,6	33,5
JIFLB45-1216-I	1"	-16	3/4"	16,0	91,0	41,3	30,0
JIFLB45-1616-I	1"	-16	1"	20,0	95,0	47,6	34,0
JIFLB45-2016-I	1"	-16	1.1/4"	26,0	100,0	54,0	39,0
JIFLB45-1620-I	1.1/4"	-20	1"	20,0	110,0	47,6	38,5
JIFLB45-2020-I	1.1/4"	-20	1.1/4"	26,0	115,0	54,0	43,0
JIFLB45-2420-I	1.1/4"	-20	1.1/2"	32,0	121,0	63,5	49,5
JIFLB45-2424-I	1.1/2"	-24	1.1/2"	32,0	127,5	63,5	50,0
JIFLB45-3224-I	1.1/2"	-24	2"	42,0	139,0	79,4	61,0
JIFLB45-3232-I	2"	-32	2"	42,0	150,0	79,4	60,5



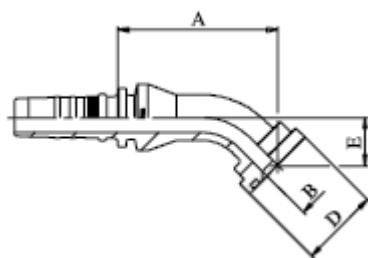
Flange 90° Interlock Cod 62

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Flange	B	A	D	E
JIFLB90-1212-I	3/4"	-12	3/4"	16,0	73,0	41,3	61,0
JIFLB90-1612-I	3/4"	-12	1"	20,0	73,0	47,6	67,0
JIFLB90-1216-I	1"	-16	3/4"	16,0	85,5	41,3	67,0
JIFLB90-1616-I	1"	-16	1"	20,0	85,5	47,6	73,0
JIFLB90-2016-I	1"	-16	1.1/4"	26,0	85,5	54,0	80,0
JIFLB90-1620-I	1.1/4"	-20	1"	20,0	101,5	47,6	84,0
JIFLB90-2020-I	1.1/4"	-20	1.1/4"	26,0	101,5	54,0	91,0
JIFLB90-2420-I	1.1/4"	-20	1.1/2"	32,0	101,5	63,5	99,5
JIFLB90-2024-I	1.1/2"	-24	1.1/4"	26,0	111,0	54,0	91,0
JIFLB90-2424-I	1.1/2"	-24	1.1/2"	32,0	114,5	63,5	107,5
JIFLB90-3224-I	1.1/2"	-24	2"	42,0	114,5	79,4	123,5
JIFLB90-3232-I	2"	-32	2"	42,0	136,5	79,4	132,0



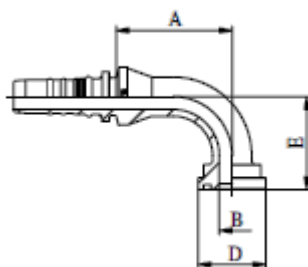
Flange Reta Interlock SUPERCAT

Referência Jason	Mangueira		Dimensões			
	Diâmetro	Traço	Flange	B	A	D
JIFLC-1212-I	3/4"	-12	3/4"	16,0	71,8	41,3
JIFLC-1612-I	3/4"	-12	1"	20,0	83,8	47,6
JIFLC-1216-I	1"	-16	3/4"	16,0	80,5	41,3
JIFLC-1616-I	1"	-16	1"	20,0	85,0	47,6
JIFLC-2016-I	1"	-16	1.1/4"	26,0	89,0	54,0
JIFLC-1620-I	1.1/4"	-20	1"	20,0	86,9	47,6
JIFLC-2020-I	1.1/4"	-20	1.1/4"	26,0	91,0	54,0
JIFLC-2420-I	1.1/4"	-20	1.1/2"	32,0	97,0	63,5
JIFLC-2024-I	1.1/2"	-24	1.1/4"	26,0	101,0	54,0
JIFLC-2424-I	1.1/2"	-24	1.1/2"	32,0	97,5	63,5
JIFLC-3224-I	1.1/2"	-24	2"	42,0	112,5	79,4
JIFLC-3232-I	2"	-32	2"	42,0	112,5	79,4



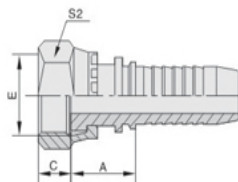
Flange 45° Interlock SUPERCAT

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Flange	B	A	D	E
JIFLC45-1212-I	3/4"	-12	3/4"	16,0	83,0	41,3	29,5
JIFLC45-1612-I	3/4"	-12	1"	20,0	87,0	47,6	33,5
JIFLC45-1216-I	1"	-16	3/4"	16,0	91,0	41,3	30,0
JIFLC45-1616-I	1"	-16	1"	20,0	95,0	47,6	34,0
JIFLC45-2016-I	1"	-16	1.1/4"	26,0	100,0	54,0	39,0
JIFLC45-1620-I	1.1/4"	-20	1"	20,0	110,0	47,6	38,5
JIFLC45-2020-I	1.1/4"	-20	1.1/4"	26,0	115,0	54,0	43,0
JIFLC45-2420-I	1.1/4"	-20	1.1/2"	32,0	121,0	63,5	49,5
JIFLC45-2424-I	1.1/2"	-24	1.1/2"	32,0	127,5	63,5	50,0
JIFLC45-3224-I	1.1/2"	-24	2"	42,0	139,0	79,4	61,0
JIFLC45-3232-I	2"	-32	2"	42,0	150,0	79,4	60,5



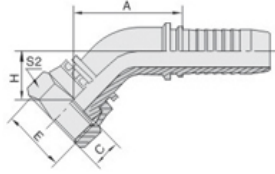
Flange 90° Interlock SUPERCAT

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Flange	B	A	D	E
JIFLC90-1212-I	3/4"	-12	3/4"	16,0	73,0	41,3	61,0
JIFLC90-1612-I	3/4"	-12	1"	20,0	73,0	47,6	67,0
JIFLC90-1216-I	1"	-16	3/4"	16,0	85,5	41,3	67,0
JIFLC90-1616-I	1"	-16	1"	20,0	85,5	47,6	73,0
JIFLC90-2016-I	1"	-16	1.1/4"	26,0	85,5	54,0	80,0
JIFLC90-1620-I	1.1/4"	-20	1"	20,0	101,5	47,6	84,0
JIFLC90-2020-I	1.1/4"	-20	1.1/4"	26,0	101,5	54,0	91,0
JIFLC90-2420-I	1.1/4"	-20	1.1/2"	32,0	101,5	63,5	99,5
JIFLC90-2024-I	1.1/2"	-24	1.1/4"	26,0	111,0	54,0	91,0
JIFLC90-2424-I	1.1/2"	-24	1.1/2"	32,0	114,5	63,5	107,5
JIFLC90-3224-I	1.1/2"	-24	2"	42,0	114,5	79,4	123,5
JIFLC90-3232-I	2"	-32	2"	42,0	136,5	79,4	132,0



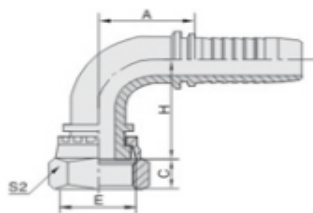
Fêmea Giratória Reta Interlock ORFS

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Rosca E	A	C	S2	
JISP-12-12-I	3/4"	-12	1.3/16"-12	31,0	14,0	36,0	
JISP-16-16-I	1"	-16	1.7/16"-12	33,5	14,0	41,0	
JISP-20-20-I	1.1/4"	-20	1.11/16"-12	36,0	15,0	50,0	
JISP-24-24-I	1.1/2"	-24	2"-12				



Fêmea Giratória 45° Interlock ORFS

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Rosca E	A	C	H	S2
JISP45-12-12-I	3/4"	-12	1.3/16"-12	60,0	14,0	27,5	36,0
JISP45-16-16-I	1"	-16	1.7/16"-12	69,5	14,0	33,0	41,0
JISP45-20-20-I	1.1/4"	-20	1.11/16"-12	82,5	15,0	38,5	50,0
JISP45-24-24-I	1.1/2"	-24	2"-12				



Fêmea Giratória 90° Interlock ORFS

Referência Jason	Mangueira		Dimensões				
	Diâmetro	Traço	Rosca E	A	C	H	S2
JISP90-12-12-I	3/4"	-12	1.3/16"-12	57,0	14,0	56,0	36,0
JISP90-16-16-I	1"	-16	1.7/16"-12	69,0	14,0	70,0	41,0
JISP90-20-20-I	1.1/4"	-20	1.11/16"-12	83,0	15,0	82,0	50,0
JISP90-24-24-I	1.1/2"	-24	2"-12				



Mangueiras
Hidráulicas





Jason Jet

Aplicação:
Hidrolavadoras industriais e domésticas, sistemas de óleo e graxa.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo, água e detergentes utilizados.
Reforço: Uma trama de aço de alta tenacidade.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Temperatura de Operação: -10°C a 60°C.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão min. ruptura		Raio min. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
1/4"	-4	6,4	0,25	12	0,47	150	2175	600	8700	35	1,38	0,150	0,100



Jason EN853 1SN (exceeds SAE 100R1AT)

Aplicação:
Sistemas hidráulicos de média pressão, nos mais variados segmentos industriais e agrícolas.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Uma trama de aço de alta tenacidade.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Temperatura de Operação: -40°C a 100°C.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão min. ruptura		Raio min. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
3/16"	-3	4,8	0,19	11,8	0,47	250	3626	1000	14504	90	3,5	0,179	0,120
1/4"	-4	6,3	0,25	13,4	0,55	225	3263	900	13053	100	3,9	0,229	0,154
5/16"	-5	7,9	0,31	15,0	0,61	215	3118	860	12473	115	4,5	0,266	0,179
3/8"	-6	9,5	0,37	17,4	0,69	180	2611	720	10443	130	5,1	0,344	0,231
1/2"	-8	12,7	0,50	20,6	0,83	160	2321	640	9282	180	7,1	0,421	0,283
5/8"	-10	16,0	0,62	23,7	0,94	130	1885	520	7542	200	7,9	0,485	0,326
3/4"	-12	19,0	0,75	27,7	1,10	105	1523	420	6092	240	9,4	0,601	0,404
1"	-16	25,4	1,00	35,6	1,42	88	1276	352	5105	300	11,8	0,895	0,601
1.1/4"	-20	31,8	1,25	43,5	1,71	63	914	252	3655	420	16,5	1,217	0,818
1.1/2"	-24	38,1	1,50	50,6	1,97	50	725	200	2901	500	19,7	1,473	0,990
2"	-32	50,8	2,00	64,0	2,50	40	580	160	2321	630	24,8	1,977	1,328



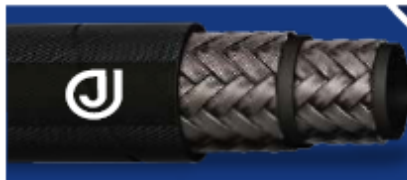
Jason EN853 2SN (exceeds SAE 100R2AT)

Aplicação:
Sistemas hidráulicos de alta pressão, nos mais variados segmentos industriais e agrícolas.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Duas tramas de aço de alta tenacidade.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Temperatura de Operação: -40°C a 100°C.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão min. ruptura		Raio min. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
1/4"	-4	6,4	0,25	15,0	0,59	400	5802	1600	23206	100	3,9	0,405	0,272
5/16"	-5	7,9	0,31	16,6	0,65	350	5076	1400	20305	115	4,5	0,446	0,300
3/8"	-6	9,5	0,37	19,0	0,75	330	4786	1320	19145	130	5,1	0,563	0,378
1/2"	-8	12,7	0,5	22,2	0,87	275	3989	1100	15954	180	7,1	0,658	0,442
5/8"	-10	16,0	0,62	25,4	1,00	250	3626	1000	14504	205	8,1	0,786	0,528
3/4"	-12	19,0	0,75	29,3	1,15	215	3118	860	12473	240	9,4	0,927	0,623
1"	-16	25,4	1,00	38,1	1,50	165	2393	660	9572	300	11,8	1,391	0,935
1.1/4"	-20	31,8	1,25	48,3	1,90	125	1813	500	7252	420	16,5	2,036	1,368
1.1/2"	-24	38,1	1,50	54,6	2,15	90	1305	360	5221	500	19,7	2,270	1,525
2"	-32	50,8	2,00	67,0	2,64	78	1131	312	4525	630	24,8	2,870	1,929



Jason R2A

Aplicação:
Sistemas hidráulicos de altíssima pressão, nos mais variados segmentos industriais e agrícolas.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Duas tramas de aço de alta tenacidade.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Temperatura de Operação: -40°C a 100°C.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
1/4"	-4	6,4	0,25	17,1	0,67	400	5802	1600	23206	100	3,9	0,473	0,318
3/8"	-6	9,5	0,37	21,0	0,83	330	4786	1320	19145	130	5,1	0,643	0,432
1/2"	-8	12,7	0,50	24,2	0,95	275	3989	1100	15954	180	7,1	0,751	0,505
5/8"	-10	16,0	0,62	27,4	1,08	250	3626	1000	14504	205	8,1	0,892	0,599
3/4"	-12	19,0	0,75	31,4	1,24	215	3118	860	12473	240	9,4	1,055	0,709
1"	-16	25,4	1,00	39,0	1,53	165	2393	660	9572	300	11,8	1,461	0,982



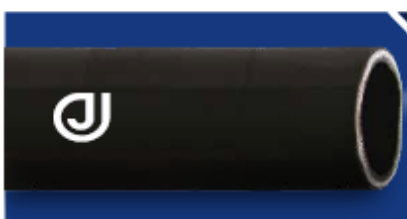
Jason R5

Aplicação:
Sistemas hidráulicos de média pressão e linhas de retorno de óleo em circuitos hidráulicos, nos mais variados segmentos industriais e agrícolas, não sendo recomendada para sistemas de freio nem condução de combustíveis.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Uma trama de aço de alta tenacidade.
Cobertura: Uma trança têxtil, impregnada com solução de borracha.
Temperatura de Operação:
-40°C a +149°C para aplicações gerais.
-40°C a +71°C para ar

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
3/16"	-4	4,8	0,17	13,2	0,52	207	3000	828	12000	76	3,0	0,220	0,148
1/4"	-5	6,3	0,25	15,0	0,59	207	3000	828	12000	86	3,4	0,270	0,181
5/16"	-6	8,0	0,31	17,0	0,67	155	2250	620	9000	102	4,0	0,330	0,222
13/32"	-8	10,5	0,41	19,5	0,77	137	2000	548	8000	117	4,6	0,390	0,262
1/2"	-10	12,7	0,5	23,5	0,92	121	1750	484	7000	140	5,5	0,520	0,349
5/8"	-12	16,0	0,62	27,5	1,08	103	1500	412	6000	165	6,5	0,650	0,437
7/8"	-16	22,0	0,87	31,5	1,24	55	800	220	3200	187	7,4	0,700	0,470
1.1/8"	-20	28,0	1,12	38,0	1,50	43	625	172	2500	229	9,0	0,900	0,605
1.3/8"	-24	35,0	1,37	44,5	1,75	34	500	136	2000	267	10,5	1,000	0,672
1.13/16"	-32	46,0	1,81	56,4	2,22	24	350	96	1400	337	13,2	1,480	0,994



Jason R6

Aplicação:
Recomendada para circuitos de baixa pressão, com óleo hidráulico a base de petróleo, água, soluções anti-congelantes e ar. Não indicada para circuitos hidráulicos sujeitos a picos de pressão

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Um traçado de fio têxtil.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Temperatura de Operação:
-40°C a +100°C para fluidos hidráulicos a base de petróleo.
Max. 70°C / Ar - Max. 50°C para fluidos hidráulicos base de água.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.
3/16"	-3	4,8	0,19	11,1	0,44	34,5	500	138	2000	51	2,0
1/4"	-4	6,4	0,25	12,7	0,50	27,6	400	110	1600	64	2,5
5/16"	-5	7,9	0,31	14,3	0,56	27,6	400	110	1600	76	3,0
3/8"	-6	9,5	0,37	15,9	0,63	27,6	400	110	1600	76	3,0
1/2"	-8	12,7	0,50	19,8	0,78	27,6	400	110	1600	102	4,0
5/8"	-10	15,9	0,63	23,0	0,91	24,1	350	97	1400	127	5,0
3/4"	-12	19,0	0,75	26,6	1,05	20,7	300	83	1200	152	6,0



Jason R12

Aplicação:
Sistemas hidráulicos de altíssima pressão.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Quatro espirais de aço.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Aprovada pela norma MSHA.
Temperatura de Operação 4SH e 4SP: -40°C a 100°C.
Temperatura de Operação R12: -40°C a 120°C.

Tamanho	DN	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão min. ruptura		Raio min. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lb/pés
3/8"	-6	9,5	0,37	20,0	0,79	276	4000	1104	16000	127	5,0	0,640	0,448
1/2"	-8	12,7	0,5	23,8	0,94	276	4000	1104	16000	178	7,0	0,790	0,553
5/8"	-10	15,9	0,63	27,7	1,09	276	4000	1104	16000	200	7,9	1,090	0,763
3/4"	-12	19,0	0,75	30,7	1,21	276	4000	1104	16000	241	9,5	1,240	0,868
1"	-16	25,4	1,00	38,0	1,50	276	4000	1104	16000	305	12,0	1,910	1,337
1.1/4"	-20	32,0	1,25	47,0	1,85	207	3000	828	12000	419	16,5	2,590	1,813
1.1/2"	-24	38,0	1,50	53,5	2,11	172	2500	688	10000	508	20,0	3,080	2,156
2"	-32	50,8	2,00	66,7	2,63	172	2500	688	10000	635	25,0	4,290	3,003



Jason R15

Aplicação:
Sistemas hidráulicos de altíssima pressão, nos mais variados segmentos industriais e agrícolas.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Quatro espirais de aço (3/4" e 1") e seis espirais de aço (1 1/4" a 2").
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Aprovada pela norma MSHA.
Temperatura de Operação: -40°C a 120°C.

Tamanho	DN	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão min. ruptura		Raio min. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lb/pés
3/4"	-12	19,0	0,75	32,0	1,25	420	6000	1680	24360	265	10,4	1,545	1,082
1"	-16	25,4	1,00	38,7	1,52	420	6000	1680	24360	330	13,0	2,145	1,502
1 1/4"	-20	32,0	1,25	49,8	1,96	420	6000	1680	24360	445	17,5	3,975	2,783
1 1/2"	-24	38,0	1,50	57,3	2,25	420	6000	1680	24360	530	20,9	4,985	3,490



Jason R17

Aplicação:
Recomendada para sistemas hidráulicos nos mais variados segmentos de mercado.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: 1 Trançado de aço (2 trançados de aço acima de 1/2").
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Temperatura de Operação: -40°C + 100°C.

Tamanho	Traço	Diâmetro interno		Diâmetro externo (máx.)		Pressão de trabalho		Pressão de ruptura		Raio de curvatura	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.
1/4"	-4	6,4	0,25	13,2	0,52	208	3000	832	12000	50	1,97
5/16"	-5	7,9	0,31	15,0	0,59	208	3000	832	12000	55	2,17
3/8"	-6	9,5	0,37	17,0	0,67	208	3000	832	12000	65	2,56
1/2"	-8	12,7	0,50	21,1	0,83	208	3000	832	12000	90	3,54
5/8"	-10	15,9	0,63	25,9	1,02	208	3000	832	12000	105	4,13
3/4"	-12	19,0	0,75	30,3	1,19	208	3000	832	12000	125	4,92
1"	-16	25,4	1,00	36,6	1,52	208	3000	832	12000	150	5,91



Jason R7

Aplicação: Recomendada para fluidos hidráulicos à base de petróleo e sintéticos. Utilizada em equipamentos móveis de telefonia (elevadores hidráulicos), linhas de controle e prevenção de incêndios, linhas de lubrificação, guinchos hidráulicos de manutenções elétricas em equipamentos de construção, elevação hidráulica de eixos geradores de grandes potenciais.

Características Técnicas

Tubo Interno: 100% nylon sem costura.
Reforço: 1 trama de poliéster de alta tenacidade.

Cobertura: cobertura em PU preto, resistente aos fluidos hidráulicos, altas temperaturas, envelhecimento e à intempérie, atendendo os requisitos de performance da norma SAE 100R7.

Temperatura de Operação:

-54°C a +93°C para fluidos sintéticos e a base de petróleo
-54°C a +70°C para água, óleos solúveis e água/glicóis.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lb/pés
1/4"	-4	6,5	0,25	11,8	0,46	200	2901	800	11603	40	1,6	0,089	0,060
5/16"	-5	8,0	0,31	14,0	0,55	190	2756	760	11023	50	2,0	0,121	0,081
3/8"	-6	9,7	0,38	16,2	0,64	175	2538	700	10153	60	2,4	0,154	0,103
1/2"	-8	13,0	0,50	20,0	0,79	150	2176	600	8702	80	3,1	0,214	0,144

* As mangueiras com as características não condutivas são construídas com o tubo externo na cor laranja.



Jason R7 dupla

Aplicação: Recomendada para fluidos hidráulicos à base de petróleo e sintéticos. Utilizada em equipamentos móveis de telefonia (elevadores hidráulicos), linhas de controle e prevenção de incêndios, linhas de lubrificação, guinchos hidráulicos de manutenções elétricas em equipamentos de construção, elevação hidráulica de eixos geradores de grandes potenciais.

Características Técnicas

Tubo Interno: 100% nylon sem costura.
Reforço: 1 trama de poliéster de alta tenacidade.

Cobertura: cobertura em PU preto, resistente aos fluidos hidráulicos, altas temperaturas, envelhecimento e à intempérie, atendendo os requisitos de performance da norma SAE 100R7.

Temperatura de Operação:

-54°C a +93°C para fluidos sintéticos e a base de petróleo
-54°C a +70°C para água, óleos solúveis e água/glicóis.

Tamanho	Traço	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lb/pés
1/4"	-4	6,5	0,25	11,8	0,46	200	2901	800	11603	40	1,6	0,178	0,120
3/8"	-6	9,7	0,38	16,2	0,64	175	2538	700	10153	60	2,4	0,308	0,207

* As mangueiras com as características não condutivas são construídas com o tubo externo na cor laranja.



Jason R8

Aplicação: Recomendada para fluidos hidráulicos à base de petróleo e sintéticos. Utilizada em equipamentos móveis de telefonia (elevadores hidráulicos), linhas de controle e prevenção de incêndios, linhas de lubrificação, guinchos hidráulicos de manutenções elétricas em equipamentos de construção, elevação hidráulica de eixos geradores de grandes potenciais.

Características Técnicas

Tubo Interno: Poliamida.

Reforço: Trançado composto por fibras de poliéster e aramida.

Cobertura: Poliuretano na cor preta.
Temperatura de Operação: -40°C +90°C.

* As mangueiras com as características não condutivas são construídas com o tubo externo na cor laranja.

Tamanho	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura	
	mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.
1/4"	6,4	0,25	15,8	0,62	345	5000	1379	20000	56	2,20
5/16"	7,9	0,31	16,1	0,63	293	4250	1172	17000	64	2,50
3/8"	9,5	0,38	18,4	0,72	276	4000	1103	16000	81	3,20
1/2"	12,7	0,50	22,4	0,88	241	3500	965	14000	102	4,00
3/4"	19,1	0,75	29,4	1,16	155	2250	621	9000	203	8,00
1"	25,4	1,00	35,7	1,41	138	2000	552	8000	254	10,00



Jason R8 dupla

Aplicação: Recomendada para fluidos hidráulicos à base de petróleo e sintéticos. Utilizada em equipamentos móveis de telefonia (elevadores hidráulicos), linhas de controle e prevenção de incêndios, linhas de lubrificação, guinchos hidráulicos de manutenções elétricas em equipamentos de construção, elevação hidráulica de eixos geradores de grandes potenciais.

Características Técnicas

Tubo Interno: Poliamida.

Reforço: Trançado composto por fibras de poliéster e aramida.

Cobertura: Poliuretano na cor preta.
Temperatura de Operação: -40°C +90°C.

* As mangueiras com as características não condutivas são construídas com o tubo externo na cor laranja.

Tamanho	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura	
	mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.
1/4"	6,4	0,25	15,8	0,62	345	5000	1379	20000	56	2,20
3/8"	9,5	0,38	18,4	0,72	276	4000	1103	16000	81	3,20



Jason 4SP

Aplicação:
Sistemas hidráulicos de altíssima pressão.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Quatro espirais de aço.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Aprovada pela norma MSHA.
Temperatura de Operação 4SH e 4SP: -40°C a 100 °C.
Temperatura de Operação R12: -40°C a 120°C.

Tamanho	DN	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
1/2"	-8	12,7	0,50	24,6	0,97	415	6000	1660	24000	230	9,1	0,950	0,665
5/8"	-10	15,9	0,63	28,2	1,11	350	5050	1400	20200	250	9,8	1,140	0,798
3/4"	-12	19,0	0,75	32,2	1,27	350	5050	1400	20200	300	11,8	1,490	1,043
1"	-16	25,4	1,00	39,7	1,56	280	4050	1120	16200	340	13,4	2,060	1,442
1 1/4"	-20	32,0	1,25	50,8	2,00	210	3050	840	12200	460	18,1	3,220	2,254
1 1/2"	-24	38,0	1,50	57,2	2,25	185	2650	740	10600	560	22,0	3,740	2,618



Jason 4SH

Aplicação:
Sistemas hidráulicos de altíssima pressão.

Características Técnicas

Tubo Interno: Borracha sintética resistente à óleo.
Reforço: Quatro espirais de aço.
Cobertura: Borracha sintética resistente a intempéries, ozônio e abrasão.
Aprovada pela norma MSHA.
Temperatura de Operação 4SH e 4SP: -40°C a 100 °C.
Temperatura de Operação R12: -40°C a 120°C.

Tamanho	DN	Diâmetro interno		Diâmetro externo		Pressão de trabalho		Pressão mín. ruptura		Raio mín. curvatura		Peso	
		mm	pol.	mm	pol.	BAR	PSI	BAR	PSI	mm	pol.	kg/m	lbs/pés
3/4"	-12	19,0	0,75	32,2	1,27	420	6000	1680	24000	280	11,0	1,530	1,071
1"	-16	25,4	1,00	38,7	1,52	380	5500	1520	22000	340	13,4	2,140	1,498
1 1/4"	-20	32,0	1,25	45,5	1,79	325	4700	1300	18800	460	18,1	2,490	1,743
2"	-32	50,8	2,00	68,1	2,68	250	3600	1000	14500	700	27,6	4,700	3,290



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