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AJUDANDO A PRODUZIR

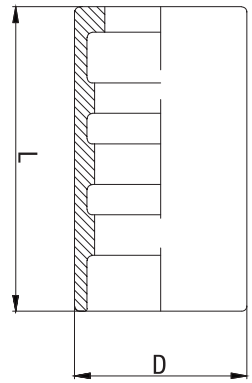


CATÁLOGO DE MANGUEIRAS HIDRÁULICAS E CONEXÕES



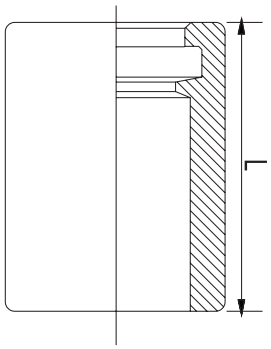
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CPR7 CAPA PRENSADA PARA MANGUEIRA R7/ R8 (NO SKIVE)



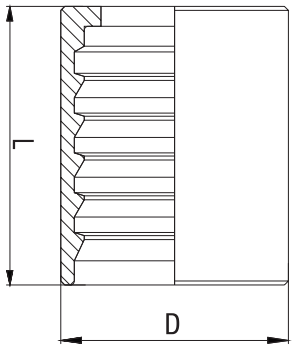
CÓDIGO	MANGUEIRA		
	DN	TRAÇO	TRAÇO
CPR7-04	06	04	1/4"
CPR7-06	10	06	3/8"
CPR7-08	12	08	1/2"

CPTF CAPA PRENSADA PARA MANGUEIRA TEFLON®/SAE100R14 (NO SKIVE)



CÓDIGO	MANGUEIRA		
	DN	TRAÇO	TRAÇO
CPTF-08	12	08	1/2"
CPTF-10	16	10	5/8"
CPTF-12	20	12	3/4"

CPT2210 CAPA PRENSADA PARA MANGUEIRA SAE100 R2AT (NO SKIVE)

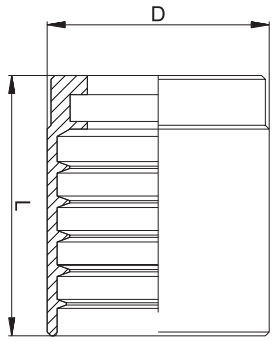


CÓDIGO	MANGUEIRA		
	DN	TRAÇO	POL.
CPT2210-04	06	04	1/4"
CPT2210-06	10	06	3/8"
CPT2210-08	12	08	1/2"
CPT2210-10	16	10	5/8"
CPT2210-12	20	12	3/4"
CPT2210-16	25	16	1"
CPT2210-20	32	20	1.1/4"
CPT2210-24	40	24	1.1/2"
CPT2210-32	50	32	2"

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AJUDANDO A PRODUZIR

CPT

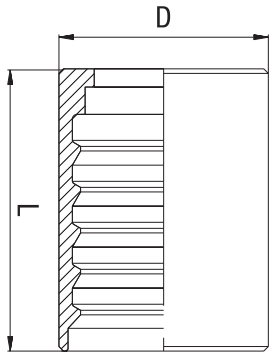
CAPA PRENSADA PARA MANGUEIRA SAE100 R1AT/R2AT (NO SKIVE)



CÓDIGO	MANGUEIRA		
	DN	TRAÇO	POL.
CPT-04	06	04	1/4"
CPT-06	10	06	3/8"
CPT-08	12	08	1/2"
CPT-10	16	10	5/8"
CPT-12	20	12	3/4"
CPT-16	25	16	1"
CPT-20	32	20	1.1/4"
CPT-24	40	24	1.1/2"
CPT-32	50	32	2"

CPE

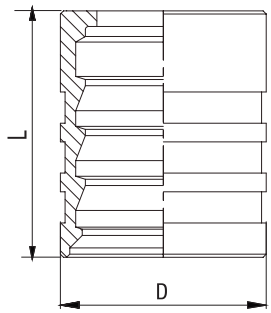
CAPA PRENSADA PARA MANGUEIRA R12 / 4SP / 4SH (SKIVE)



CÓDIGO	MANGUEIRA		
	DN	TRAÇO	POL.
CPE-08	12	08	1/2"
CPE-10	16	10	5/8"
CPE-12	20	12	3/4"
CPE-16	25	16	1"
CPE-20	32	20	1.1/4"
CPE-24	40	24	1.1/2"
CPE-32	50	32	2"

CPE402

CAPA PRENSADA RAIADA PARA MANGUEIRA R12 / 4SH (SKIVE)



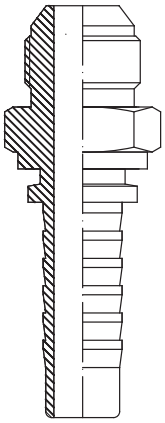
CÓDIGO	MANGUEIRA		
	DN	TRAÇO	POL.
CPE-08	12	08	1/2"
CPE-10	16	10	5/8"
CPE-12	20	12	3/4"
CPE-16	25	16	1"
CPE-20	32	20	1.1/4"
CPE-24	40	24	1.1/2"
CPE-32	50	32	2"

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AJUDANDO A PRODUZIR

TSMJ

MACHO FIXO UNF JIC 37°

SAE J514



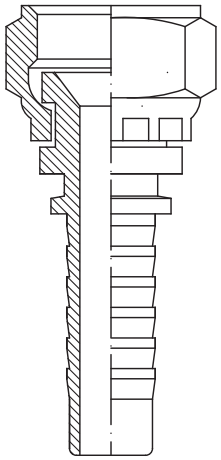
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSMJ-04-04	7/16”X20	06	04	1/4"
TSMJ-05-04	1/2”X20	06	04	1/4"
TSMJ-06-04	9/16”X18	06	04	1/4"
TSMJ-06-06	9/16”X18	10	06	3/8"
TSMJ-06-08	9/16”X18	12	08	1/2"
TSMJ-08-06	3/4”X16	10	06	3/8"
TSMJ-08-08	3/4”X16	12	08	1/2"
TSMJ-10-06	7/8”X14	10	06	3/8"
TSMJ-10-08	7/8”X14	12	08	1/2"
TSMJ-10-10	7/8”X18	16	10	5/8"
TSMJ-12-08	1.1/16”X12	12	08	1/2"
TSMJ-12-10	1.1/16”X12	16	10	58"
TSMJ-12-12	1.1/16”X12	20	12	3/4"
TSMJ-12-16	1.1/16”X12	25	16	1"
TSMJ-14-12	1.3/16”X12	20	12	3/4"
TSMJ-16-12	1.5/16”X12	20	12	3/4"
TSMJ-16-16	1.5/16”X12	25	16	1"
TSMJ-20-16	1.5/8”X12	25	16	1"
TSMJ-20-20	1.5/8”X12	32	20	1.1/4"
TSMJ-24-20	1.7/8”X12	32	20	1.1/4"
TSMJ-24-24	1.7/8”X12	40	24	1.1/2"
TSMJ-32-24	2.1/2”X12	40	24	1.1/2"
TSMJ-32-32	2.1/2”X12	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TSFJ

FÊMEA GIRATÓRIA RETA UNF JIC 37°

SAE J514



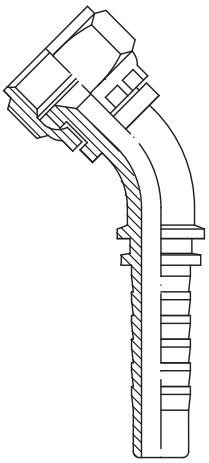
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFJ-04-04	7/16”X20	06	04	1/4"
TSFJ-04-06	7/16"X20	10	06	3/8"
TSFJ-05-04	1/2”X20	06	04	1/4"
TSFJ-05-06	1/2"X20	10	06	3/8"
TSFJ-06-04	9/16”X18	06	04	1/4"
TSFJ-06-06	9/16”X18	10	06	3/8"
TSFJ-06-08	9/16”X18	12	08	1/2"
TSFJ-08-04	3/4"X16	06	04	1/4"
TSFJ-08-06	3/4”X16	10	06	3/8"
TSFJ-08-08	3/4”X16	12	08	1/2"
TSFJ-08-10	3/4”X16	16	10	5/8"
TSFJ-08-12	3/4”X16	20	12	3/4"
TSFJ-10-06	7/8”X14	10	06	3/8"
TSFJ-10-08	7/8”X14	12	08	1/2"
TSFJ-10-10	7/8”X14	16	10	5/8"
TSFJ-10-12	7/8”X14	20	12	3/4"
TSFJ-12-08	1.1/16”X12	12	08	1/2"
TSFJ-12-10	1.1/16”X12	16	10	5/8"
TSFJ-12-12	1.1/16”X12	20	12	3/4"
TSFJ-12-16	1.1/16”X12	25	16	1"
TSFJ-14-12	1.3/16”X12	20	12	3/4"
TSFJ-16-12	1.5/16”X12	20	12	3/4"
TSFJ-16-16	1.5/16”X12	25	16	1"
TSFJ-16-20	1.5/16”X12	32	20	1.1/4"
TSFJ-20-16	1.5/8”X12	25	16	1"
TSFJ-20-20	1.5/8”X12	32	20	1.1/4"
TSFJ-24-20	1.7/8”X12	32	20	1.1/4"
TSFJ-24-24	1.7/8”X12	40	24	1.1/2"
TSFJ-32-24	2.1/2”X12	40	24	1.1/2"
TSFJ-32-32	2.1/2”X12	50	32	2"

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AJUDANDO A PRODUZIR

TSFJ45

FÊMEA GIRATÓRIA CURVA 45° UNF JIC 37°

SAE J514



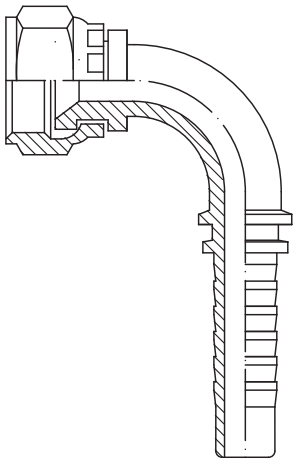
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFJ45-04-04	7/16”X20	06	04	1/4"
TSFJ45-05-04	1/2”X20	06	04	1/4"
TSFJ45-05-06	1/2"X20	10	06	3/8"
TSFJ45-06-04	9/16”X18	06	04	1/4"
TSFJ45-06-06	9/16”X18	10	06	3/8"
TSFJ45-08-06	3/4”X16	10	06	3/8"
TSFJ45-08-08	3/4”X16	12	08	1/2"
TSFJ45-10-06	7/8”X14	10	06	3/8"
TSFJ45-10-08	7/8”X14	12	08	1/2"
TSFJ45-10-10	7/8”X14	16	10	5/8"
TSFJ45-10-12	7/8”X14	20	12	3/4"
TSFJ45-12-08	1.1/16”X12	12	08	1/2"
TSFJ45-12-10	1.1/16”X12	16	10	5/8"
TSFJ45-12-12	1.1/16”X12	20	12	3/4"
TSFJ45-14-12	1.3/16”X12	20	12	3/4"
TSFJ45-16-12	1.5/16”X12	20	12	3/4"
TSFJ45-16-16	1.5/16”X12	25	16	1"
TSFJ45-20-16	1.5/8”X12	25	16	1"
TSFJ45-20-20	1.5/8”X12	32	20	1.1/4"
TSFJ45-24-20	1.7/8”X12	32	20	1.1/4"
TSFJ45-24-24	1.7/8”X12	40	24	1.1/2"
TSFJ45-32-32	2.1/2”X12	50	32	2"

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AJUDANDO A PRODUZIR

TSFJ90

FÊMEA GIRATÓRIA CURVA 90° UNF JIC 37°

SAE J514



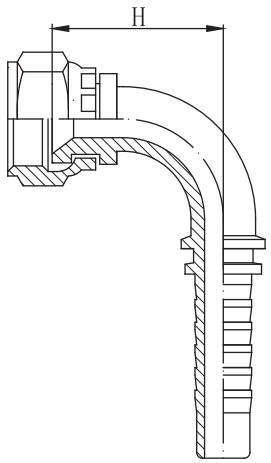
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFJ90-04-04	7/16”X20	06	04	1/4"
TSFJ90-04-06	7/16"X20	10	06	3/8"
TSFJ90-05-04	1/2”X20	06	04	1/4"
TSFJ90-05-06	1/2"X20	10	06	3/8"
TSFJ90-06-04	9/16”X18	06	04	1/4"
TSFJ90-06-06	9/16”X18	10	06	3/8"
TSFJ90-08-04	3/4"X16	06	04	1/4"
TSFJ90-08-06	3/4”X16	10	06	3/8"
TSFJ90-08-08	3/4”X16	12	08	1/2"
TSFJ90-08-08	3/4”X16	12	08	1/2"
TSFJ90-10-06	7/8”X14	10	06	3/8"
TSFJ90-10-08	7/8”X14	12	08	1/2"
TSFJ90-10-10	7/8”X14	16	10	5/8"
TSFJ90-10-12	7/8"X14	20	12	3/4"
TSFJ90-12-08	1.1/16”X12	12	08	1/2"
TSFJ90-12-10	1.1/16”X12	16	10	5/8"
TSFJ90-12-12	1.1/16”X12	20	12	3/4"
TSFJ90-14-12	1.3/16”X12	20	12	3/4"
TSFJ90-16-12	1.5/16”X12	20	12	3/4"
TSFJ90-16-16	1.5/16”X12	25	16	1"
TSFJ90-20-16	1.5/8”X12	25	16	1"
TSFJ90-20-20	1.5/8”X12	32	20	1.1/4"
TSFJ90-24-20	1.7/8”X12	32	20	1.1/4"
TSFJ90-24-24	1.7/8”X12	40	24	1.1/2"
TSFJ90-32-32	2.1/2”X12	50	32	2"

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AJUDANDO A PRODUZIR

TSFJ90L

FÊMEA GIRATÓRIA CURVA 90° LONGA UNF JIC 37°

SAE J514

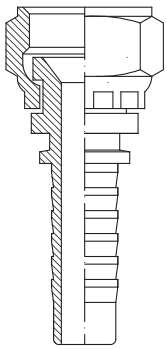


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFJ90L-04-04	7/16"X20	06	04	1/4"
TSFJ90L-05-04	1/2"X20	06	04	1/4"
TSFJ90L-06-04	9/16"X18	06	04	1/4"
TSFJ90L-08-06	3/4"X16	10	06	3/8"
TSFJ90L-08-08	3/4"X16	12	08	1/2"
TSFJ90L-10-08	7/8"X14	12	08	1/2"
TSFJ90L-10-10	7/8"X14	16	10	5/8"
TSFJ90L-12-12	1.1/16"X12	20	12	3/4"
TSFJ90L-16-12	1.5/16"X12	20	12	3/4"
TSFJ90L-16-16	1.5/16"X12	25	16	1"
TSFJ90L-20-20	1.5/8"X12	32	20	1.1/4"

TSFJS

FÊMEA GIRATÓRIA RETA UNF JIC 45°

SAE J514

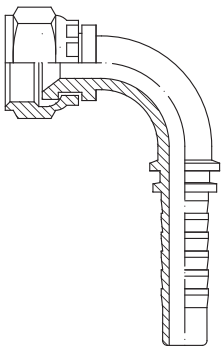


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFJS-06-06	9/16"X18	10	06	3/8"
TSFJS-12-12	1.1/16"X12	20	12	3/4"

TSFJS90

FÊMEA GIRATÓRIA CURVA 90° UNF JIC 45°

SAE J514



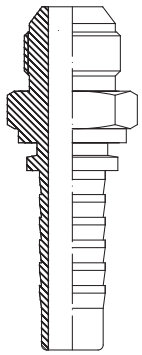
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFJS90-06-06	9/16"X18	10	06	3/8"
TSFJS90-12-12	1.1/16"X12	20	12	3/4"

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AJUDANDO A PRODUZIR

TSMKTSU

MACHO FIXO MÉTRICO KOMATSU

SEDE 60°/JIS B8363

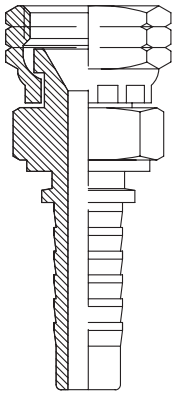


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSMKTSU-22-10	M22X1.5	16	10	5/8"
TSMKTSU-24-08	M24X1.5	12	08	1/2"
TSMKTSU-24-10	M24X1.5	16	10	5/8"
TSMKTSU-24-12	M24X1.5	20	12	3/4"

TSFKTSU

FÊMEA GIRATÓRIA MÉTRICA KOMATSU

SEDE 60°/JIS B8363

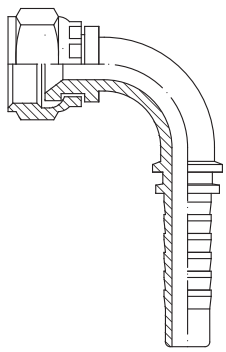


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFKTSU-14-04	M14X1.5	06	04	1/4"
TSFKTSU-14-06	M14X1.5	10	06	3/8"
TSFKTSU-18-04	M18X1.5	06	04	1/4"
TSFKTSU-18-06	M18X1.5	10	06	3/8"
TSFKTSU-22-08	M22X1.5	12	08	1/2"
TSFKTSU-24-08	M24X1.5	12	08	1/2"
TSFKTSU-24-10	M24X1.5	16	10	5/8"
TSFKTSU-24-12	M24X1.5	20	12	3/4"
TSFKTSU-26-10	M26X1.5	16	10	5/8"
TSFKTSU-30-12	M30X1.5	20	12	3/4"
TSFKTSU-33-16	M33X1.5	16	10	5/8"
TSFKTSU-36-20	M36X1.5	32	20	1.1/4"
TSFKTSU-42-24	M42X1.5	40	24	1.1/2"

TSFKTSU90

FÊMEA GIRATÓRIA CURVA 90° MÉTRICA KOMATSU

SEDE 60°/JIS B8363



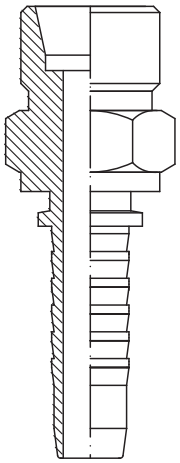
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFKTSU90-14-04	M14X1.5	06	04	1/4"
TSFKTSU90-18-06	M18X1.5	10	06	3/8"
TSFKTSU90-22-08	M22X1.5	12	08	1/2"
TSFKTSU90-24-10	M24X1.5	16	10	5/8"
TSFKTSU90-30-12	M30X1.5	20	12	3/4"
TSFKTSU90-33-16	M33X1.5	25	16	1"

Comagran
AJUDANDO A PRODUZIR

TSMM

MACHO MÉTRICO PARA TUBO - SÉRIE LEVE

SEDE 24°/DIN 3853 - 3861



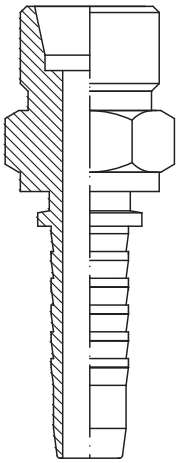
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSMM-12-06-04	M12X1.5	06	06	04	1/4"
TSMM-14-08-04	M14X1.5	08	06	04	1/4"
TSMM-16-10-04	M16X1.5	10	06	04	1/4"
TSMM-16-10-06	M16X1.5	10	10	06	3/8"
TSMM-18-12-04	M18X1.5	12	06	04	1/4"
TSMM-18-12-06	M18X1.5	12	10	06	3/8"
TSMM-18-12-08	M18X1.5	12	12	08	1/2"
TSMM-22-15-06	M22X1.5	15	10	06	3/8"
TSMM-22-15-08	M22X1.5	15	12	08	1/2"
TSMM-22-15-10	M22X1.5	15	16	10	5/8"
TSMM-26-18-08	M26X1.5	18	12	08	1/2"
TSMM-26-18-10	M26X1.5	18	16	10	5/8"
TSMM-27-18-08	M27X1.5	18	12	08	1/2"
TSMM-27-18-10	M27X1.5	18	16	10	5/8"
TSMM-30-22-12	M30X2	22	20	12	3/4"
TSMM-34-25-12	M34X2	25	20	12	3/4"
TSMM-34-25-16	M34X2	25	25	16	1"
TSMM-36-28-12	M36X2	28	20	12	3/4"
TSMM-36-28-16	M36X2	28	25	16	1"
TSMM-45-35-20	M45X2	35	32	20	1.1/4"
TSMM-48-38-20	M48X2	38	32	20	1.1/4"
TSMM-52-42-24	M52X2	42	40	24	1.1/2"

Comagran
AJUDANDO A PRODUZIR

TSMM

MACHO MÉTRICO PARA TUBO - SÉRIE PESADA

SEDE 24°/DIN 3853 - 3861



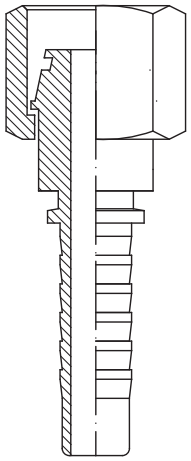
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSMM-14-06-04	M14X1.5	06	06	04	1/4"
TSMM-16-08-04	M16X1.5	08	06	04	1/4"
TSMM-18-10-04	M18X1.5	10	06	04	1/4"
TSMM-18-10-06	M18X1.5	10	10	06	3/8"
TSMM-20-12-06	M20X1.5	12	10	06	3/8"
TSMM-20-12-08	M20X1.5	12	12	08	1/2"
TSMM-22-14-06	M22X1.5	14	10	06	3/8"
TSMM-22-14-08	M22X1.5	14	12	08	1/2"
TSMM-24-16-08	M24X1.5	16	12	08	1/2"
TSMM-28-19-10	M28X1.5	19	16	10	5/8"
TSMM-28-19-12	M28X1.5	19	20	12	3/4"
TSMM-30-20-10	M30X2	20	16	10	5/8"
TSMM-30-20-12	M30X2	20	20	12	3/4"
TSMM-36-25-12	M36X2	25	20	12	3/4"
TSMM-36-25-16	M36X2	25	25	16	1"
TSMM-42-30-20	M42X2	30	32	20	1.1/4"
TSMM-52-38-20	M52X2	38	32	20	1.1/4"

Comagran
AJUDANDO A PRODUZIR

TSFDKO

FÊMEA GIRATÓRIA MÉTRICA RETA DKO - SÉRIE LEVE

SEDE 24°/DIN 3865



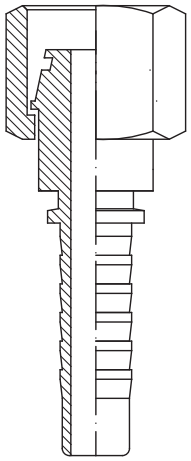
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKO-12-06-04	M12X1.5	06	06	04	1/4"
TSFDKO-14-08-04	M14X1.5	08	06	04	1/4"
TSFDKO-14-08-06	M14X1.5	08	10	06	3/8"
TSFDKO-16-10-04	M16X1.5	10	06	04	1/4"
TSFDKO-16-10-06	M16X1.5	10	10	06	3/8"
TSFDKO-18-12-04	M18X1.5	12	06	04	1/4"
TSFDKO-18-12-06	M18X1.5	12	10	06	3/8"
TSFDKO-22-15-06	M22X1.5	15	10	06	3/8"
TSFDKO-22-15-08	M22X1.5	15	12	08	1/2"
TSFDKO-22-15-10	M22X1.5	15	16	10	5/8"
TSFDKO-26-18-08	M26X1.5	18	12	08	1/2"
TSFDKO-26-18-10	M26X1.5	18	16	10	5/8"
TSFDKO-26-18-12	M26X1.5	18	20	12	3/4"
TSFDKO-30-22-10	M30X2	22	16	10	5/8"
TSFDKO-30-22-12	M30X2	22	20	12	3/4"
TSFDKO-34-25-12	M34X2	25	20	12	3/4"
TSFDKO-34-25-16	M34X2	25	25	16	1"
TSFDKO-36-28-12	M36X2	28	20	12	3/4"
TSFDKO-36-28-16	M36X2	28	25	16	1"
TSFDKO-45-35-20	M45X2	35	32	20	1.1/4"
TSFDKO-45-35-24	M45X2	35	40	24	1.1/2"
TSFDKO-48-38-24	M48X2	38	40	24	1.1/2"
TSFDKO-52-42-20	M52X2	42	32	20	1.1/4"
TSFDKO-52-42-24	M52X2	42	40	24	1.1/2"
TSFDKO-52-42-32	M52X2	42	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TSFDKO

FÊMEA GIRATÓRIA MÉTRICA RETA DKO - SÉRIE PESADA

SEDE 24°/DIN 3865



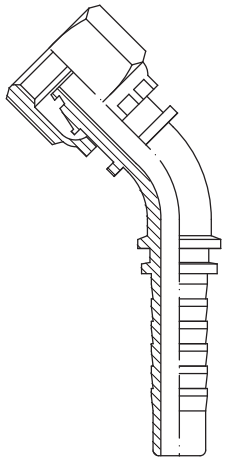
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKO-14-06-04	M14X1.5	06	06	04	1/4"
TSFDKO-16-08-04	M16X1.5	08	06	04	1/4"
TSFDKO-18-10-04	M18X1.5	10	06	04	1/4"
TSFDKO-18-10-06	M18X1.5	10	10	06	3/8"
TSFDKO-20-12-04	M20X1.5	12	06	04	1/4"
TSFDKO-20-12-06	M20X1.5	12	10	06	3/8"
TSFDKO-20-12-08	M20X1.5	12	12	08	1/2"
TSFDKO-22-14-06	M22X1.5	14	10	06	3/8"
TSFDKO-22-14-08	M22X1.5	14	12	08	1/2"
TSFDKO-24-16-06	M24X1.5	16	10	06	3/8"
TSFDKO-24-16-08	M24X1.5	16	12	08	1/2"
TSFDKO-24-16-10	M24X1.5	16	16	10	5/8"
TSFDKO-24-16-12	M24X1.5	16	20	12	3/4"
TSFDKO-28-19-10	M28X1.5	19	16	10	5/8"
TSFDKO-28-19-12	M28X1.5	19	20	12	3/4"
TSFDKO-30-20-10	M30X2	20	16	10	5/8"
TSFDKO-30-20-12	M30X2	20	20	12	3/4"
TSFDKO-36-25-12	M36X2	25	20	12	3/4"
TSFDKO-36-25-16	M36X2	25	25	16	1"
TSFDKO-42-30-16	M42X2	30	25	16	1"
TSFDKO-42-30-20	M42X2	30	32	20	1.1/4"
TSFDKO-52-38-16	M52X2	38	25	16	1"
TSFDKO-52-38-20	M52X2	38	32	20	1.1/4"
TSFDKO-52-38-24	M52X2	38	40	24	1.1/2"

Comagran
AJUDANDO A PRODUZIR

TSFDKO45

FÊMEA GIRAT RIA MÉTRICA
CURVA 45° DKO - SÉRIE LEVE

SEDE 24°/DIN 3865

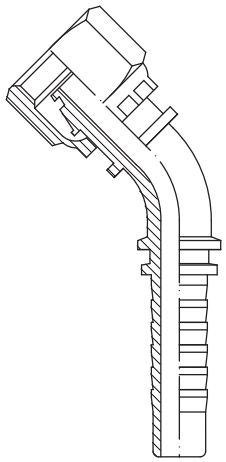


CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKO45-12-06-04	M12X1.5	06	06	04	1/4"
TSFDKO45-14-08-04	M14X1.5	08	06	04	1/4"
TSFDKO45-16-10-04	M16X1.5	10	06	04	1/4"
TSFDKO45-16-10-06	M16X1.5	10	10	06	3/8"
TSFDKO45-18-12-04	M18X1.5	12	06	04	1/4"
TSFDKO45-18-12-06	M18X1.5	12	10	06	3/8"
TSFDKO45-22-15-06	M22X1.5	15	10	06	3/8"
TSFDKO45-22-15-08	M22X1.5	15	12	08	1/2"
TSFDKO45-26-18-10	M26X1.5	18	16	10	5/8"
TSFDKO45-30-22-10	M30X2	22	16	10	5/8"
TSFDKO45-36-28-16	M36X2	28	25	16	1"
TSFDKO45-36-28-20	M36X2	28	32	20	1.1/4"
TSFDKO45-45-35-20	M45X2	35	32	20	1.1/4"
TSFDKO45-52-42-24	M52X2	42	40	24	1.1/2"

TSFDKO45

FÊMEA GIRATÓRIA MÉTRICA
CURVA 45° DKO - SÉRIE PESADA

SEDE 24°/DIN 3865



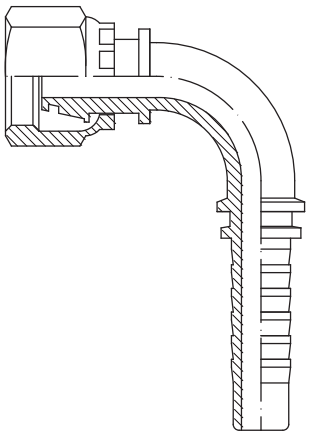
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKO45-16-08-04	M16X1.5	08	06	04	1/4"
TSFDKO45-18-10-04	M18X1.5	10	06	04	1/4"
TSFDKO45-20-12-06	M20X1.5	12	10	06	3/8"
TSFDKO45-22-14-06	M22X1.5	14	10	06	3/8"
TSFDKO45-24-16-08	M24X1.5	16	12	08	1/2"
TSFDKO45-30-20-10	M30X2	20	16	10	5/8"
TSFDKO45-30-20-12	M30X2	20	20	12	3/4"
TSFDKO45-36-25-12	M36X2	25	20	12	3/4"
TSFDKO45-36-25-16	M36X2	25	25	16	1"
TSFDKO45-42-30-16	M42X2	30	25	16	1"
TSFDKO45-42-30-20	M42X2	30	32	20	1.1/4"
TSFDKO45-52-38-20	M52X2	38	32	20	1.1/4"
TSFDKO45-52-38-24	M52X2	38	40	24	1.1/2"

Comagran
AJUDANDO A PRODUZIR

TSFDKO90

FÊMEA GIRATÓRIA MÉTRICA CURVA 90° DKO - SÉRIE LEVE

SEDE 24°/DIN 3865



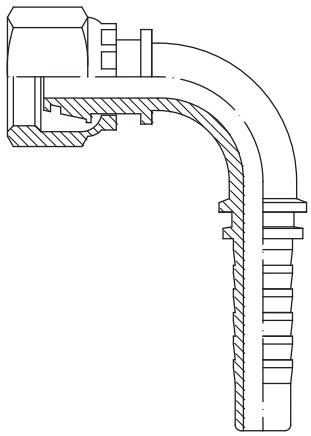
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKO90-12-06-04	M12X1.5	06	06	04	1/4"
TSFDKO90-14-08-04	M14X1.5	08	06	04	1/4"
TSFDKO90-14-08-06	M14X1.5	08	10	06	3/8"
TSFDKO90-16-10-04	M16X1.5	10	06	04	1/4"
TSFDKO90-16-10-06	M16X1.5	10	10	06	3/8"
TSFDKO90-18-12-04	M18X1.5	12	06	04	1/4"
TSFDKO90-18-12-06	M18X1.5	12	10	06	3/8"
TSFDKO90-18-12-08	M18X1.5	12	12	08	1/2"
TSFDKO90-22-15-06	M22X1.5	15	10	06	3/8"
TSFDKO90-22-15-08	M22X1.5	15	12	08	1/2"
TSFDKO90-22-15-10	M22X1.5	15	16	10	5/8"
TSFDKO90-26-18-08	M26X1.5	18	12	08	1/2"
TSFDKO90-26-18-10	M26X1.5	18	16	10	5/8"
TSFDKO90-30-22-10	M30X2	22	16	10	5/8"
TSFDKO90-30-22-12	M30X2	22	20	12	3/4"
TSFDKO90-34-25-12	M34X2	25	20	12	3/4"
TSFDKO90-34-25-16	M34X2	25	25	16	1"
TSFDKO90-36-28-16	M36X2	28	25	16	1"
TSFDKO90-45-35-20	M45X2	35	32	20	1.1/4"
TSFDKO90-52-42-24	M52X2	42	40	24	1.1/2"

Comagran
AJUDANDO A PRODUZIR

TSFDKO90

FÊMEA GIRATÓRIA MÉTRICA CURVA 90° DKO - SÉRIE PESADA

SEDE 24°/DIN 3865



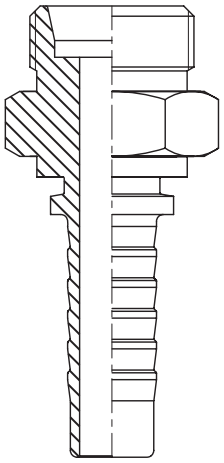
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKO90-14-06-04	M14X1.5	06	06	04	1/4"
TSFDKO90-16-08-04	M16X1.5	08	06	04	1/4"
TSFDKO90-18-10-04	M18X1.5	10	06	04	1/4"
TSFDKO90-18-10-06	M18X1.5	10	10	06	3/8"
TSFDKO90-18-10-08	M18X1.5	10	12	08	1/2"
TSFDKO90-20-12-04	M20X1.5	12	06	04	1/4"
TSFDKO90-20-12-06	M20X1.5	12	10	06	3/8"
TSFDKO90-20-12-08	M20X1.5	12	12	08	1/2"
TSFDKO90-22-14-06	M22X1.5	14	10	06	3/8"
TSFDKO90-24-16-06	M24X1.5	16	10	06	3/8"
TSFDKO90-24-16-08	M24X1.5	16	12	08	1/2"
TSFDKO90-24-16-10	M24X1.5	16	16	10	5/8"
TSFDKO90-30-20-10	M30X2	20	16	10	5/8"
TSFDKO90-30-20-12	M30X2	20	20	12	3/4"
TSFDKO90-36-25-12	M36X2	25	20	12	3/4"
TSFDKO90-36-25-16	M36X2	25	25	16	1"
TSFDKO90-42-30-16	M42X2	30	25	16	1"
TSFDKO90-52-38-20	M52X2	38	32	20	1.1/4"
TSFDKO90-52-38-24	M52X2	38	40	24	1.1/2"

Comagran
AJUDANDO A PRODUZIR

TSMMP

MACHO RETO MÉTRICO POCLAIN

SEDE 24°/ROSCA M TRICA FINA

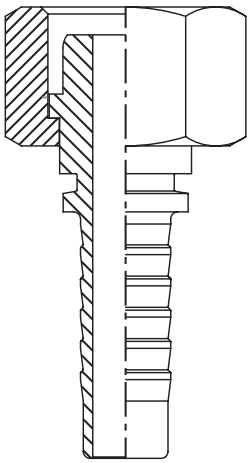


CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSMMP-24-17-08	M24X1.5	17	12	08	1/2"
TSMMP-30-21-10	M30X1.5	21	16	10	5/8"
TSMMP-36-27-12	M36X1.5	27	20	12	3/4"

TSFDKOP

FÊMEA MÉTRICA POCLAIN

SEDE 24°/ROSCA M TRICA FINA



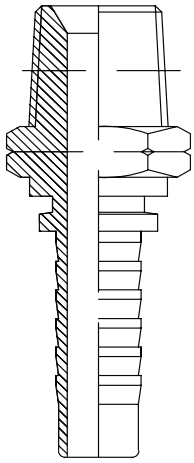
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TSFDKOP-24-17-08	M24X1.5	17	12	08	1/2"
TSFDKOP-30-21-10	M30X1.5	21	16	10	5/8"
TSFDKOP-36-27-12	M36X1.5	27	20	12	3/4"

Comagran
AJUDANDO A PRODUZIR

TSMP

MACHO FIXO NPT

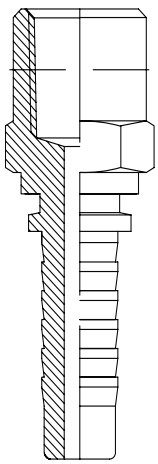
SEDE 60°/SAE J516



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSMP-02-04	1/8”X27	06	04	1/4"
TSMP-04-04	1/4"X18	06	04	1/4"
TSMP-04-06	1/4"X18	10	06	3/8"
TSMP-04-08	1/4"X18	12	08	1/2"
TSMP-06-04	3/8"X18	06	04	1/4"
TSMP-06-06	3/8"X18	10	06	3/8"
TSMP-06-08	3/8"X18	12	08	1/2"
TSMP-08-04	1/2"X14	06	04	1/4"
TSMP-08-06	1/2"X14	10	06	3/8"
TSMP-08-08	1/2"X14	12	08	1/2"
TSMP-08-10	1/2"X14	16	10	5/8"
TSMP-08-12	1/2"X14	20	12	3/4"
TSMP-12-08	3/4"X14	12	08	1/2"
TSMP-12-10	3/4"X14	16	10	5/8"
TSMP-12-12	3/4"X14	20	12	3/4"
TSMP-16-10	1”X11.5	16	10	5/8"
TSMP-16-12	1”X11.5	20	12	3/4"
TSMP-16-16	1”X11.5	25	16	1"
TSMP-20-16	1.1/4"X11.5	25	16	1"
TSMP-20-20	1.1/4"X11.5	32	20	1.1/4"
TSMP-24-20	1.1/2"X11.5	32	20	1.1/4"
TSMP-24-24	1.1/2"X11.5	40	24	1.1/2"
TSMP-32-24	2"X11.5	40	24	1.1/2"
TSMP-32-32	2"X11.5	50	32	2"

TSFF

FÊMEA FIXA NPT



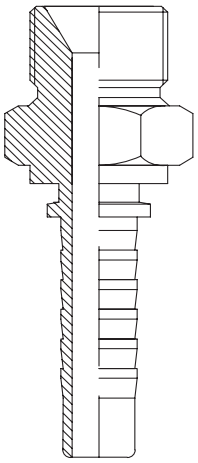
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFF-02-04	1/8"-27	06	04	1/4"
TSFF-04-04	1/4"X18	06	04	1/4"
TSFF-06-04	3/8"X18	06	04	1/4"
TSFF-06-06	3/8"X18	10	06	3/8"

Comagran
AJUDANDO A PRODUZIR

TSMO

MACHO FIXO O´RING - UNF

SAE J512

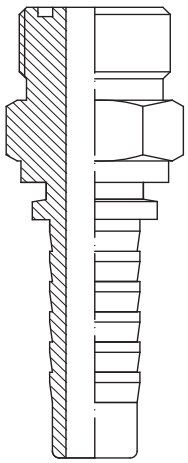


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSMO-04-04	7/16"X20	06	04	1/4"
TSMO-06-04	9/16"X18	06	04	1/4"
TSMO-06-06	9/16"X18	10	06	3/8"
TSMO-08-06	3/4"X16	10	06	3/8"
TSMO-08-08	3/4"X16	12	08	1/2"
TSMO-10-08	7/8"X14	12	08	1/2"
TSMO-10-10	7/8"X14	16	10	5/8"
TSMO-12-08	1.1/16"X12	12	08	1/2"
TSMO-12-10	1.1/16"X12	16	10	5/8"
TSMO-12-12	1.1/16"X12	20	12	3/4"
TSMO-16-12	1.5/16"X12	20	12	3/4"
TSMO-16-16	1.5/16"X12	25	16	1"
TSMO-20-20	1.5/8"X12	32	20	1.1/4"

TSMSP

MACHO FIXO SEDE PLANA - ORFS

SAE J1453

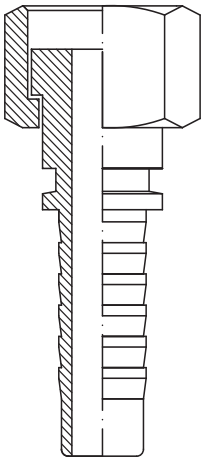


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSMSP-04-04	9/16”X18	06	04	1/4"
TSMSP-06-04	11/16”X16	06	04	1/4"
TSMSP-06-06	11/16”X16	10	06	3/8"
TSMSP-08-06	13/16"X16	10	06	3/8"
TSMSP-08-08	13/16”X16	12	08	1/2"
TSMSP-10-08	1"X14	12	08	1/2"
TSMSP-10-10	1”X14	16	10	5/8"
TSMSP-12-10	1.3/16"X12	16	10	5/8"
TSMSP-12-12	1.3/16”X12	20	12	3/4"
TSMSP-16-12	1.7/16"X12	20	12	3/4"
TSMSP-16-16	1.7/16”X12	25	16	1"
TSMSP-20-20	1.11/16”X12	32	20	1.1/4"
TSMSP-24-24	2”X12	40	24	1.1/2"

TSFSP

FÊMEA GIRATÓRIA RETA SEDE PLANA - ORFS

SAE J1453

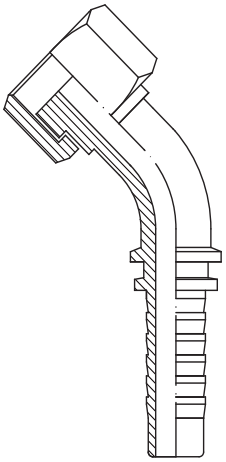


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSP-04-04	9/16"X18	06	04	1/4"
TSFSP-06-04	11/16"X16	06	04	1/4"
TSFSP-06-06	11/16"X16	10	06	3/8"
TSFSP-06-08	11/16"X16	12	08	1/2"
TSFSP-08-06	13/16"X16	10	06	3/8"
TSFSP-08-08	13/16"X16	12	08	1/2"
TSFSP-10-08	1"X14	12	08	1/2"
TSFSP-10-10	1"X14	16	10	5/8"
TSFSP-10-12	1"X14	20	12	3/4"
TSFSP-12-08	1.3/16"X12	12	08	1/2"
TSFSP-12-10	1.3/16"X12	16	10	5/8"
TSFSP-12-12	1.3/16"X12	20	12	3/4"
TSFSP-12-16	1.3/16"X12	25	16	1"
TSFSP-16-12	1.7/16"X12	20	12	3/4"
TSFSP-16-16	1.7/16"X12	25	16	1"
TSFSP-20-16	1.11/16"X12	25	16	1"
TSFSP-20-20	1.11/16"X12	32	20	1.1/4"
TSFSP-24-24	2"X12	40	24	1.1/2"

TSFSP45

FÊMEA GIRATÓRIA CURVA 45° SEDE PLANA - ORFS

SAE J1453



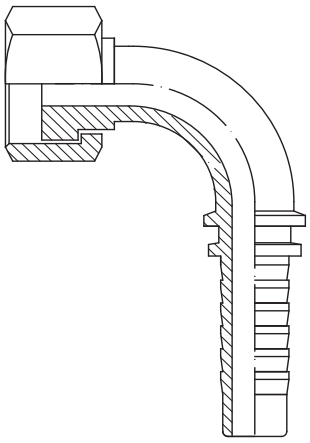
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSP45-04-04	9/16"X18	06	04	1/4"
TSFSP45-06-04	11/16"X16	06	04	1/4"
TSFSP45-06-06	11/16"X16	10	06	3/8"
TSFSP45-06-08	11/16"X16	12	08	1/2"
TSFSP45-08-06	13/16"X16	10	06	3/8"
TSFSP45-08-08	13/16"X16	12	08	1/2"
TSFSP45-10-08	1"X14	12	08	1/2"
TSFSP45-10-10	1"X14	16	10	5/8"
TSFSP45-10-12	1"X14	20	12	3/4"
TSFSP45-12-08	1.3/16"X12	12	08	1/2"
TSFSP45-12-10	1.3/16"X12	16	10	5/8"
TSFSP45-12-12	1.3/16"X12	20	12	3/4"
TSFSP45-16-12	1.7/16"X12	20	12	3/4"
TSFSP45-16-16	1.7/16"X12	25	16	1"
TSFSP45-20-16	1.11/16"X12	25	16	1"
TSFSP45-20-20	1.11/16"X12	32	20	1.1/4"
TSFSP45-24-24	2"X12	40	24	1.1/2"

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TSFSP90

FÊMEA GIRATÓRIA CURVA 90° SEDE PLANA - ORFS

SAE J1453

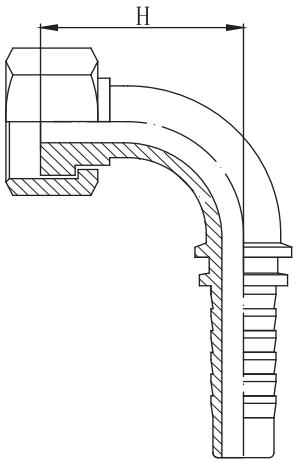


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSP90-04-04	9/16"X18	06	04	1/4"
TSFSP90-06-04	11/16"X16	06	04	1/4"
TSFSP90-06-06	11/16"X16	10	06	3/8"
TSFSP90-06-08	11/16"X16	12	08	1/2"
TSFSP90-08-06	13/16"X16	10	06	3/8"
TSFSP90-08-08	13/16"X16	12	08	1/2"
TSFSP90-10-08	1"X14	12	08	1/2"
TSFSP90-10-10	1"X14	16	10	5/8"
TSFSP90-12-08	1.3/16"X12	12	08	1/2"
TSFSP90-12-10	1.3/16"X12	16	10	5/8"
TSFSP90-12-12	1.3/16"X12	20	12	3/4"
TSFSP90-12-16	1.3/16"X12	25	16	1"
TSFSP90-16-12	1.7/16"X12	20	12	3/4"
TSFSP90-16-16	1.7/16"X12	25	16	1"
TSFSP90-20-16	1.11/16"X12	25	16	1"
TSFSP90-20-20	1.11/16"X12	32	20	1.1/4"
TSFSP90-20-24	1.11/16"X12	40	24	1.1/2"

TSFSP90L

FÊMEA GIRATÓRIA CURVA 90° LONGA SEDE PLANA - ORFS

SAE J1453

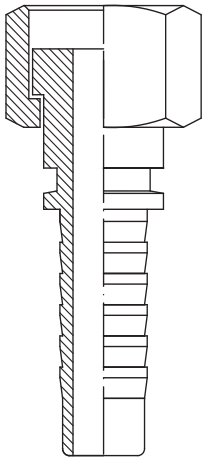


CÓDIGO	ROSCA	DIMENSÃO "H"	MANGUEIRA		
			DN	TRAÇO	POL.
TSFSP90L-04-04	9/16"X18	45,5	06	04	1/4"
TSFSP90L-06-04	11/16"X16	53,5	06	04	1/4"
TSFSP90L-06-06	11/16"X16	53,5	10	06	3/8"
TSFSP90L-06-08	11/16"X16	53,5	12	08	1/2"
TSFSP90L-08-06	13/16"X16	63,5	10	06	3/8"
TSFSP90L-08-08	13/16"X16	64	12	08	1/2"
TSFSP90L-10-10	1"X14	69	16	10	5/8"
TSFSP90L-10-12	1"X14	73	20	12	3/4"
TSFSP90L-12-12	1.3/16"X12	96	20	12	3/4"
TSFSP90L-16-16	1.7/16"X12	113,5	25	16	1"

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TSFSPM

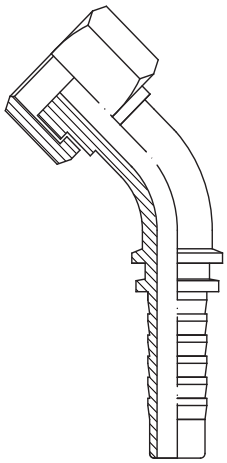
FÊMEA GIRATÓRIA RETA
SEDE PLANA ORFS MÉTRICA



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSPM-14-04	M14X1.5	06	04	1/4"
TSFSPM-16-04	M16X1.5	06	04	1/4"
TSFSPM-16-06	M16X1.5	10	06	3/8"
TSFSPM-18-06	M18X1.5	10	06	3/8"
TSFSPM-20-06	M20X1.5	10	06	3/8"
TSFSPM-22-08	M22X1.5	12	08	1/2"
TSFSPM-22-10	M22X1.5	16	10	5/8"
TSFSPM-24-08	M24X1.5	12	08	1/2"
TSFSPM-24-10	M24X1.5	16	10	5/8"
TSFSPM-27-08	M27X1.5	12	08	1/2"
TSFSPM-27-10	M27X1.5	16	10	5/8"
TSFSPM-30-12	M30X1.5	20	12	3/4"
TSFSPM-36-12	M36X2	20	12	3/4"
TSFSPM-42-20	M42X2	32	20	1.1/4"
TSFSPM-45-20	M45X2	32	20	1.1/4"
TSFSPM-52-24	M52X2	40	24	1.1/2"

TSFSPM45

FÊMEA GIRATÓRIA CURVA 45°
SEDE PLANA ORFS MÉTRICA

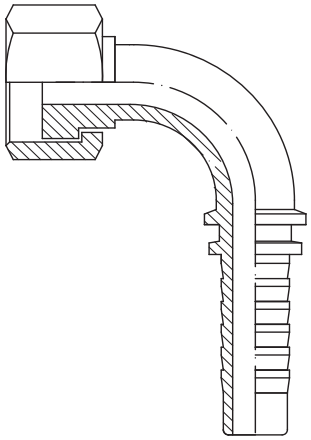


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSPM 45-14-04	M14X1.5	06	04	1/4"
TSFSPM 45-16-04	M16X1.5	06	04	1/4"
TSFSPM 45-16-06	M16X1.5	10	06	3/8"
TSFSPM 45-18-06	M18X1.5	10	06	3/8"
TSFSPM 45-20-06	M20X1.5	10	06	3/8"
TSFSPM 45-22-08	M22X1.5	12	08	1/2"
TSFSPM 45-22-10	M22X1.5	16	10	5/8"
TSFSPM 45-24-08	M24X1.5	12	08	1/2"
TSFSPM 45-24-10	M24X1.5	16	10	5/8"
TSFSPM 45-27-08	M27X1.5	12	08	1/2"
TSFSPM 45-27-10	M27X1.5	16	10	5/8"
TSFSPM 45-30-12	M30X1.5	20	12	3/4"
TSFSPM 45-36-12	M36X2	20	12	3/4"
TSFSPM 45-42-20	M42X2	32	20	1.1/4"
TSFSPM 45-45-20	M45X2	32	20	1.1/4"
TSFSPM 45-52-24	M52X2	40	24	1.1/2"

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TSFSPM90

FÊMEA GIRATÓRIA CURVA 90° SEDE PLANA ORFS MÉTRICA

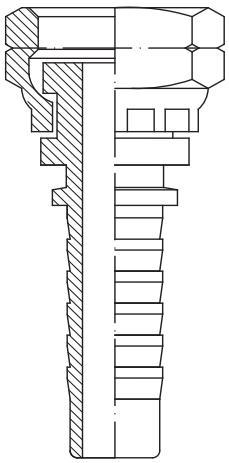


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSPM 90-14-04	M14X1.5	06	04	1/4"
TSFSPM 90-16-04	M16X1.5	06	04	1/4"
TSFSPM 90-16-06	M16X1.5	10	06	3/8"
TSFSPM 90-18-06	M18X1.5	10	06	3/8"
TSFSPM 90-20-06	M20X1.5	10	06	3/8"
TSFSPM 90-22-08	M22X1.5	12	08	1/2"
TSFSPM 90-22-10	M22X1.5	16	10	5/8"
TSFSPM 90-24-08	M24X1.5	12	08	1/2"
TSFSPM 90-24-10	M24X1.5	16	10	5/8"
TSFSPM 90-27-08	M27X1.5	12	08	1/2"
TSFSPM 90-27-10	M27X1.5	16	10	5/8"
TSFSPM 90-30-12	M30X1.5	20	12	3/4"
TSFSPM 90-36-12	M36X2	20	12	3/4"
TSFSPM 90-42-20	M42X2	32	20	1.1/4"
TSFSPM 90-45-20	M45X2	32	20	1.1/4"
TSFSPM 90-52-24	M52X2	40	24	1.1/2"

TSFSPB

FÊMEA GIRATÓRIA RETA ROSCA BSP

SEDE 60°/JIS B8363



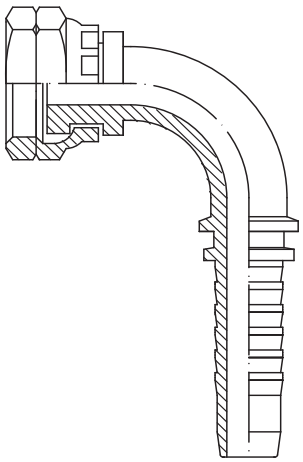
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSPB-04-04	1/4”X19	06	04	1/4"
TSFSPB-06-06	3/8”X19	10	06	3/8"
TSFSPB-08-08	1/2”X14	12	08	1/2"
TSFSPB-12-12	3/4”X14	20	12	3/4"
TSFSPB-16-16	1”X11	25	16	1"
TSFSPB-20-20	1.1/4”X11	32	20	1.1/4"
TSFSPB-24-24	1.1/2”X11	40	24	1.1/2"
TSFSPB-32-32	2”X11	50	32	2"

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TSFSPB90

FÊMEA GIRATÓRIA CURVA 90° ROSCA BSP

SEDE 60°/JIS B8363

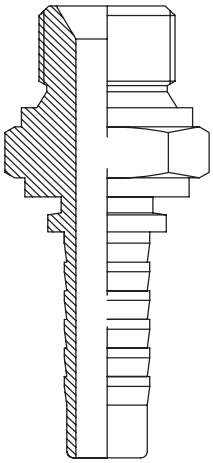


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFSPB 90-08-08	1/2”X14	12	08	1/2"
TSFSPB 90-10-10	5/8"X14	16	10	5/8"
TSFSPB 90-12-12	3/4”X14	20	12	3/4"
TSFSPB 90-16-16	1”X11	25	16	1"
TSFSPB 90-20-20	1.1/4”X11	32	20	1.1/4"
TSFSPB 90-24-24	1.1/2”X11	40	24	1.1/2"
TSFSPB 90-32-32	2”X11	50	32	2"

TSMB

MACHO FIXO BSP

SEDE 60°/BS 5200

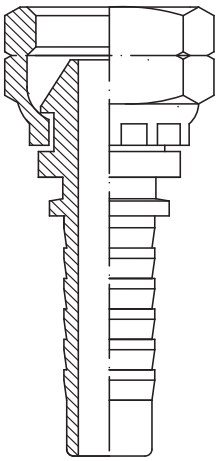


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSMB-02-04	1/8"X28	06	04	1/4"
TSMB-04-04	1/4"X19	06	04	1/4"
TSMB-06-04	3/8"X19	06	04	1/4"
TSMB-06-06	3/8"X19	10	06	3/8"
TSMB-06-08	3/8"X19	12	08	1/2"
TSMB-08-06	1/2"X14	10	06	3/8"
TSMB-08-08	1/2"X14	12	08	1/2"
TSMB-08-10	1/2"X14	16	10	5/8"
TSMB-10-08	5/8"X14	12	08	1/2"
TSMB-10-10	5/8"X14	16	10	5/8"
TSMB-12-08	3/4"X14	12	08	1/2"
TSMB-12-10	3/4"X14	16	10	5/8"
TSMB-12-12	3/4"X14	20	12	3/4"
TSMB-16-12	1"X11	20	12	3/4"
TSMB-16-16	1"X11	25	16	1"
TSMB-20-16	1.1/4"X11	25	16	1"
TSMB-20-20	1.1/4"X11	32	20	1.1/4"
TSMB-24-24	1.1/2"X11	40	24	1.1/2"
TSMB-32-32	2"X11	50	32	2"

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TSFB

FÊMEA GIRATÓRIA BSP
SEDE 60°/BS 5200



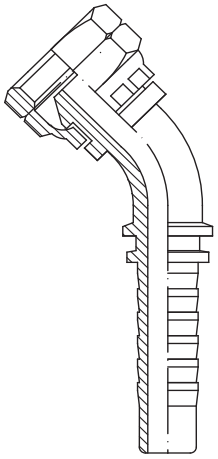
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFB-02-04	1/8"X28	06	04	1/4"
TSFB-04-04	1/4"X19	06	04	1/4"
TSFB-04-06	1/4"X19	10	06	3/8"
TSFB-06-04	3/8"X19	06	04	1/4"
TSFB-06-06	3/8"X19	10	06	3/8"
TSFB-06-08	3/8"X19	12	08	1/2"
TSFB-08-06	1/2"X14	10	06	3/8"
TSFB-08-08	1/2"X14	12	08	1/2"
TSFB-08-10	1/2"X14	16	10	5/8"
TSFB-10-08	5/8"X14	12	08	1/2"
TSFB-10-10	5/8"X14	16	10	5/8"
TSFB-10-12	5/8"X14	20	12	3/4"
TSFB-12-08	3/4"X14	12	08	1/2"
TSFB-12-10	3/4"X14	16	10	5/8"
TSFB-12-12	3/4"X14	20	12	3/4"
TSFB-16-12	1"X11	20	12	3/4"
TSFB-16-16	1"X11	25	16	1"
TSFB-20-16	1.1/4"X11	25	16	1"
TSFB-20-20	1.1/4"X11	32	20	1.1/4"
TSFB-24-20	1.1/2"X11	32	20	1.1/4"
TSFB-24-24	1.1/2"X11	40	24	1.1/2"
TSFB-32-32	2"X11	50	32	2"

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TSFB45

FÊMEA GIRATÓRIA CURVA 45° BSP

SEDE 60°/BS 5200

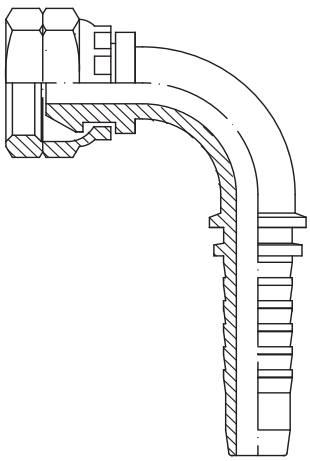


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFB45-02-04	1/8"X28	06	04	1/4"
TSFB45-04-04	1/4"X19	06	04	1/4"
TSFB45-06-04	3/8"X19	06	04	1/4"
TSFB45-06-06	3/8"X19	10	06	3/8"
TSFB45-08-06	1/2"X14	10	06	3/8"
TSFB45-08-08	1/2"X14	12	08	1/2"
TSFB45-10-08	5/8"X14	12	08	1/2"
TSFB45-10-10	5/8"X14	16	10	5/8"
TSFB45-12-08	3/4"X14	12	08	1/2"
TSFB45-12-10	3/4"X14	16	10	5/8"
TSFB45-12-12	3/4"X14	20	12	3/4"
TSFB45-16-12	1"X11	20	12	3/4"
TSFB45-16-16	1"X11	25	16	1"
TSFB45-20-16	1.1/4"X11	25	16	1"
TSFB45-20-20	1.1/4"X11	32	20	1.1/4"
TSFB45-24-24	1.1/2"X11	40	24	1.1/2"
TSFB45-32-32	2"X11	50	32	2"

TSFB90

FÊMEA GIRATÓRIA CURVA 90° BSP

SEDE 60°/BS 5200

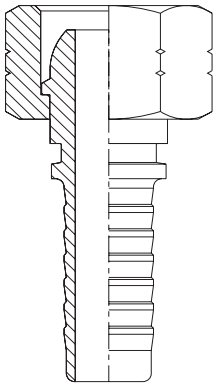


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFB90-02-04	1/8"X28	06	04	1/4"
TSFB90-04-04	1/4"X19	06	04	1/4"
TSFB90-04-06	1/4"X19	10	06	3/8"
TSFB90-06-04	3/8"X19	06	04	1/4"
TSFB90-06-06	3/8"X19	10	06	3/8"
TSFB90-08-06	1/2"X14	10	06	3/8"
TSFB90-08-08	1/2"X14	12	08	1/2"
TSFB90-08-10	1/2"X14	16	10	5/8"
TSFB90-10-08	5/8"X14	12	08	1/2"
TSFB90-10-10	5/8"X14	16	10	5/8"
TSFB90-12-08	3/4"X14	12	08	1/2"
TSFB90-12-10	3/4"X14	16	10	5/8"
TSFB90-12-12	3/4"X14	20	12	3/4"
TSFB90-16-12	1"X11	20	12	3/4"
TSFB90-16-16	1"X11	25	16	1"
TSFB90-20-16	1.1/4"X11	25	16	1"
TSFB90-20-20	1.1/4"X11	32	20	1.1/4"
TSFB90-24-20	1.1/2"X11	32	20	1.1/4"
TSFB90-24-24	1.1/2"X11	40	24	1.1/2"
TSFB90-32-32	2"X11	50	32	2"

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AJUDANDO A PRODUZIR

TSFBM

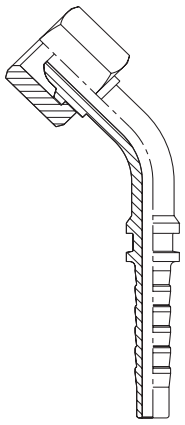
FÊMEA GIRATÓRIA RETA
MÉTRICA BOLEADA - SEDE UNIVERSAL



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFBM-08-04	M14X1.5	06	04	1/4"
TSFBM-10-04	M16X1.5	06	04	1/4"
TSFBM-10-06	M16X1.5	10	06	3/8"
TSFBM-12-06	M18X1.5	10	06	3/8"
TSFBM-15-06	M22X1.5	10	06	3/8"
TSFBM-15-08	M22X1.5	12	08	1/2"
TSFBM-18-10	M26X1.5	16	10	5/8"

TSFBM45

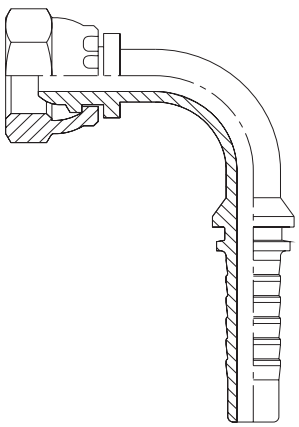
FÊMEA GIRATÓRIA CURVA 45°
MÉTRICA BOLEADA - SEDE UNIVERSAL



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFBM45-08-04	M14X1.5	06	04	1/4"
TSFBM45-10-04	M16X1.5	06	04	1/4"
TSFBM45-10-06	M16X1.5	10	06	3/8"
TSFBM45-12-06	M18X1.5	10	06	3/8"
TSFBM45-15-06	M22X1.5	10	06	3/8"
TSFBM45-15-08	M22X1.5	12	08	1/2"
TSFBM45-18-10	M26X1.5	16	10	5/8"

TSFBM90

FÊMEA GIRATÓRIA CURVA 90°
MÉTRICA BOLEADA - SEDE UNIVERSAL

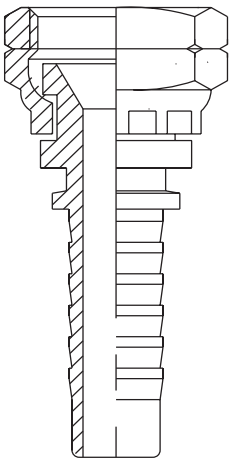


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFBM90-08-04	M14X1.5	06	04	1/4"
TSFBM90-10-04	M16X1.5	06	04	1/4"
TSFBM90-10-06	M16X1.5	10	06	3/8"
TSFBM90-12-06	M18X1.5	10	06	3/8"
TSFBM90-15-06	M22X1.5	10	06	3/8"
TSFBM90-15-08	M22X1.5	12	08	1/2"
TSFBM90-18-10	M26X1.5	16	10	5/8"

Comagran
AJUDANDO A PRODUZIR

TSFBJ

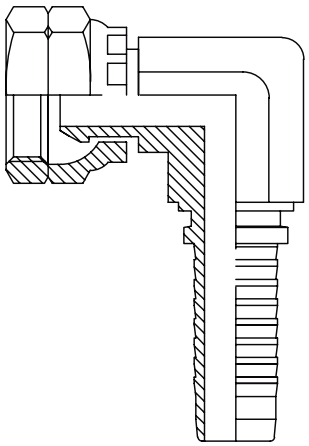
FÊMEA GIRATÓRIA RETA BSP/JIC C NICO 30°



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSFBJ-04-04	1/4"X19	06	04	1/4"
TSFBJ-06-06	3/8"X19	10	06	3/8"
TSFBJ-08-08	1/2"X14	12	08	1/2"
TSFBJ-12-12	3/4"X14	20	12	3/4"
TSFBJ-16-16	1"X11	25	16	1"

TCFB90

FÊMEA GIRATÓRIA COMPACTA BSP CÔNICO 60°



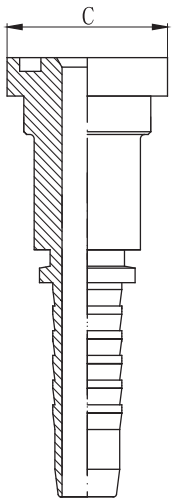
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TCFB90-04-04	1/4"X19	06	04	1/4"
TCFB90-06-06	3/8"X19	10	06	3/8"
TCFB90-08-08	1/2"X14	12	08	1/2"
TCFB90-10-10	5/8"X14	16	10	5/8"
TCFB90-12-12	3/4"X14	20	12	3/4"
TCFB90-16-16	1"X11	25	16	1"

Comagran
AJUDANDO A PRODUZIR

TSF3

FLANGE RETA
CÓD. 61 3000 PSI

SAE J518

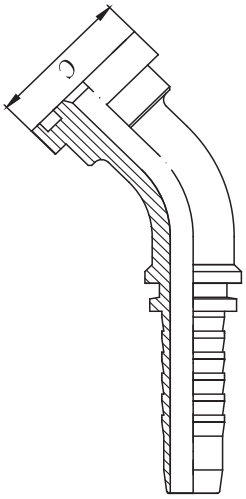


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF3-08-08	1/2”	30.2	12	08	1/2"
TSF3-10-08	5/8"	34.2	12	08	1/2"
TSF3-10-10	5/8"	34.2	16	10	5/8"
TSF3-12-08	3/4"	38.1	12	08	1/2"
TSF3-12-10	3/4"	38.1	16	10	5/8"
TSF3-12-12	3/4"	38.1	20	12	3/4"
TSF3-12-16	3/4"	38.1	25	16	1"
TSF3-16-12	1"	44.4	20	12	3/4"
TSF3-16-16	1"	44.4	25	16	1"
TSF3-16-20	1"	44.4	32	20	1.1/4"
TSF3-20-16	1.1/4"	50.8	25	16	1"
TSF3-20-20	1.1/4"	50.8	32	20	1.1/4"
TSF3-24-16	1.1/2"	60.3	25	16	1"
TSF3-24-20	1.1/2”	60.3	32	20	1.1/4"
TSF3-24-24	1.1/2"	60.3	40	24	1.1/2"
TSF3-32-24	2”	71.4	40	24	1.1/2"
TSF3-32-32	2"	71.4	50	32	2"

TSF345

FLANGE CURVA 45°
CÓD. 61 3000 PSI

SAE J518



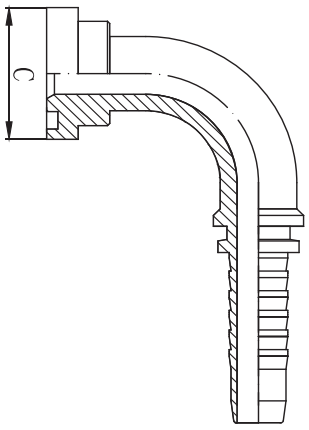
CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF345-08-08	1/2”	30,2	12	08	1/2"
TSF345-10-08	5/8"	34,2	12	08	1/2"
TSF345-10-10	5/8"	34,2	16	10	5/8"
TSF345-12-08	3/4"	38,1	12	08	1/2"
TSF345-12-10	3/4"	38,1	16	10	5/8"
TSF345-12-12	3/4”	38,1	20	12	3/4"
TSF345-16-12	1"	38,1	20	12	3/4"
TSF345-16-16	1”	44,4	25	16	1"
TSF345-16-20	1"	44,4	32	20	1.1/4"
TSF345-20-16	1.1/4”	50,8	25	16	1"
TSF345-20-20	1.1/4”	50,8	32	20	1.1/4"
TSF345-24-16	1.1/2"	60,3	25	16	1"
TSF345-24-20	1.1/2"	60,3	32	20	1.1/4"
TSF345-24-24	1.1/2”	60,3	40	24	1.1/4"
TSF345-32-24	2"	71,4	40	24	1.1/2"
TSF345-32-32	2”	71,4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TSF390

FLANGE CURVA 90°
CÓD. 61 3000 PSI

SAE J518

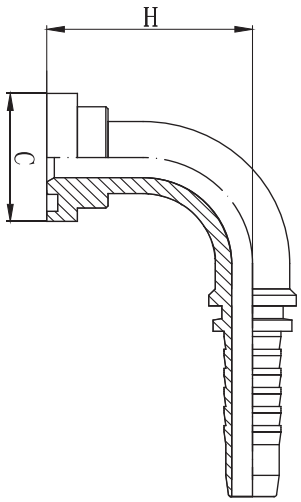


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF390-08-08	1/2”	30,2	12	08	1/2"
TSF390-10-08	5/8"	34,2	12	08	1/2"
TSF390-10-10	5/8"	34,2	16	10	5/8"
TSF390-12-08	3/4"	38,1	12	08	1/2"
TSF390-12-10	3/4"	38,1	16	10	5/8"
TSF390-12-12	3/4”	38,1	20	12	3/4"
TSF390-16-12	1"	44,4	20	12	3/4"
TSF390-16-16	1”	44,4	25	16	1"
TSF390-16-20	1”	44,4	32	20	1.1/4"
TSF390-20-12	1.1/4"	50,8	20	12	3/4"
TSF390-20-16	1.1/4”	50,8	25	16	1"
TSF390-20-20	1.1/4"	50,8	32	20	1.1/4"
TSF390-24-16	1.1/2"	60,3	25	16	1"
TSF390-24-20	1.1/2"	60,3	32	20	1.1/4"
TSF390-24-24	1.1/2”	60,3	40	24	1.1/4"
TSF390-24-32	1.1/2”	60,3	50	32	2"
TSF390-32-24	1.1/2"	71,4	40	24	1.1/4"
TSF390-32-32	2"	71,4	50	32	2"

TSF390L

FLANGE CURVA 90° LONGA
CÓD. 61 3000 PSI

SAE J518



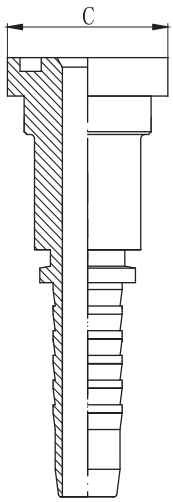
CÓDIGO	FLANGE	DIMENSÃO "H"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF390L-12-12	3/4"	96	20	12	3/4"
TSF390L-16-12	1"	96	20	12	3/4"
TSF390L-16-16	1"	96	25	16	1"
TSF390L-20-16	1.1/4"	117	25	16	1"
TSF390L-20-20	1.1/4"	96	32	20	1.1/4"
TSF390L-24-20	1.1/2"	130	32	20	1.1/4"

Comagran
AJUDANDO A PRODUZIR

TSF6

FLANGE RETA
CÓD. 62 6000 PSI

SAE J518

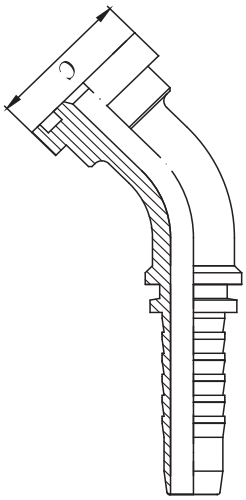


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF6-08-08	1/2”	31.7	12	08	1/2"
TSF6-08-10	1/2"	31.7	16	10	5/8"
TSF6-12-08	3/4"	41.3	12	08	1/2"
TSF6-12-10	3/4"	41.3	16	10	5/8"
TSF6-12-12	3/4”	41.3	20	12	3/4"
TSF6-16-12	1"	47.6	20	12	3/4"
TSF6-16-16	1”	47.6	25	16	1"
TSF6-20-16	1.1/4"	54	25	16	1"
TSF6-20-20	1.1/4”	54	32	20	1.1/4"
TSF6-24-20	1.1/2”	63.5	32	20	1.1/4"
TSF6-24-24	1.1/2”	63.5	40	24	1.1/2"
TSF6-32-32	2”	79.4	50	32	2"

TSF645

FLANGE CURVA 45°
CÓD. 62 6000 PSI

SAE J518



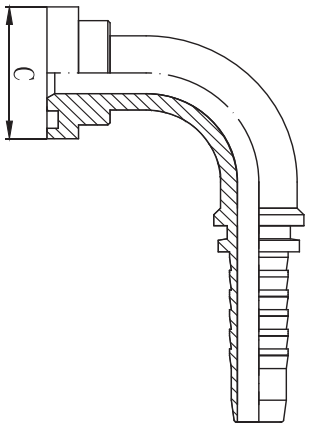
CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF645-08-08	1/2”	31.7	12	08	1/2"
TSF645-12-08	3/4"	41.3	12	08	1/2"
TSF645-12-10	3/4"	41.3	16	10	5/8"
TSF645-12-12	3/4”	41.3	20	12	3/4"
TSF645-16-12	1"	47.6	20	12	3/4"
TSF645-16-16	1”	47.6	25	16	1"
TSF645-16-20	1"	47.6	32	20	1.1/4"
TSF645-20-16	1.1/4"	54	25	16	1"
TSF645-20-20	1.1/4”	54	32	20	1.1/4"
TSF645-24-20	1.1/2"	63.5	32	20	1.1/4"
TSF645-24-24	1.1/2”	63.5	40	24	1.1/2"
TSF645-32-32	2”	79.4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TSF690

FLANGE CURVA 90°
CÓD. 62 6000 PSI

SAE J518

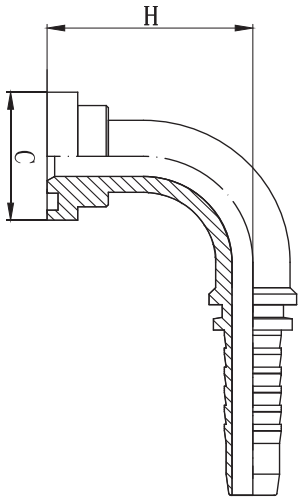


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF690-08-08	1/2”	31.7	12	08	1/2"
TSF690-12-08	3/4"	41.3	12	08	1/2"
TSF690-12-10	3/4"	41.3	16	10	5/8"
TSF690-12-12	3/4”	41.3	20	12	3/4"
TSF690-16-12	1"	47.6	20	12	3/4"
TSF690-16-16	1”	47.6	25	16	1"
TSF690-16-20	1”	47.6	32	20	1.1/4"
TSF690-20-16	1.1/4"	54	25	16	1"
TSF690-20-20	1.1/4”	54	32	20	1.1/4"
TSF690-24-20	1.1/2"	63.5	32	20	1.1/4"
TSF690-24-24	1.1/2”	63.5	40	24	1.1/2"
TSF690-32-32	2”	79.4	50	32	2"

TSF690L

FLANGE CURVA 90° LONGA
CÓD. 62 6000 PSI

SAE J518

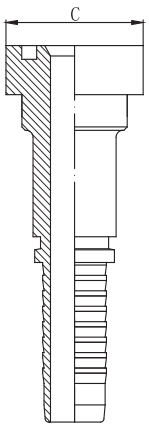


CÓDIGO	FLANGE	DIMENSÃO "H"	MANGUEIRA		
			DN	TRAÇO	POL.
TSF690-12-12	3/4”	114	20	12	3/4"
TSF690-16-12	1"	96	20	12	3/4"
TSF690-16-16	1”	114	25	16	1"
TSF690-20-16	1.1/4"	117	25	16	1"
TSF690-20-20	1.1/4”	114	32	20	1.1/4"
TSF690-24-20	1.1/2"	130	32	20	1.1/4"

Comagran
AJUDANDO A PRODUZIR

TSFC

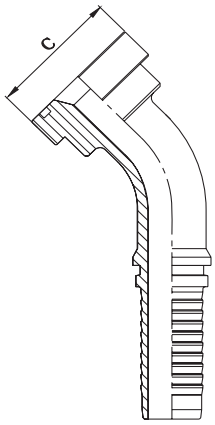
FLANGE RETA CAT (9000 PSI)



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSFC-12-12	3/4”	41.3	20	12	3/4"
TSFC-16-12	1"	47.6	20	12	3/4"
TSFC-16-16	1”	47.6	25	16	1"
TSFC-20-16	1.1/4"	54	25	16	1"
TSFC-20-20	1.1/4”	54	32	20	1.1/4"
TSFC-24-24	1.1/2”	63.5	40	24	1.1/2"
TSFC-32-32	2”	79.4	50	32	2"

TSFC45

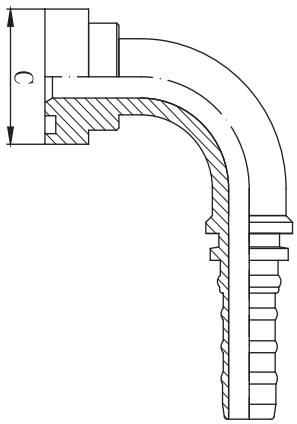
FLANGE CURVA 45° CAT (9000 PSI)



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSFC45-12-12	3/4”	41.3	20	12	3/4"
TSFC45-16-12	1"	47.6	20	12	3/4"
TSFC45-16-16	1”	47.6	25	16	1"
TSFC45-20-16	1.1/4"	54	25	16	1"
TSFC45-20-20	1.1/4”	54	32	20	1.1/4"
TSFC45-24-24	1.1/2”	63.5	40	24	1.1/2"
TSFC45-32-32	2”	79.4	50	32	2"

TSFC90

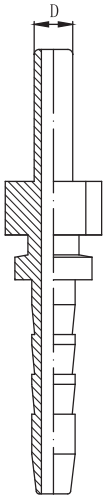
FLANGE CURVA 90° CAT (9000 PSI)



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TSFC90-12-12	3/4”	41.3	20	12	3/4"
TSFC90-16-12	1"	47.6	20	12	3/4"
TSFC90-16-16	1”	47.6	25	16	1"
TSFC90-20-16	1.1/4"	54	25	16	1"
TSFC90-20-20	1.1/4”	54	32	20	1.1/4"
TSFC90-24-24	1.1/2”	63.5	40	24	1.1/2"
TSFC90-32-32	2”	79.4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

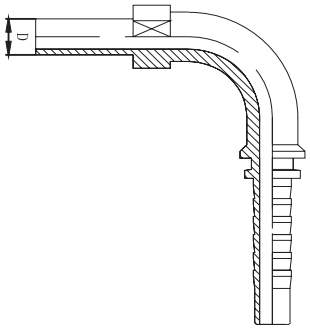
TSPL | PONTA LISA RETA



CÓDIGO	DN TUBO	MANGUEIRA		
		DN	TRAÇO	POL.
TSPL-06-04	06	06	04	1/4"
TSPL-08-04	08	06	04	1/4"
TSPL-10-04	10	06	04	1/4"
TSPL-10-06	10	06	04	1/4"
TSPL-12-04	12	06	04	1/4"
TSPL-12-06	12	10	06	3/8"
TSPL-12-08	12	12	08	1/2"
TSPL-14-06	14	10	06	3/8"
TSPL-14-08	14	12	08	1/2"
TSPL-15-06	15	10	06	3/8"
TSPL-15-08	15	12	08	1/2"
TSPL-16-08	16	12	08	1/2"
TSPL-16-10	16	16	10	5/8"
TSPL-18-08	18	12	08	1/2"
TSPL-18-10	18	16	10	5/8"
TSPL-18-12	18	20	12	3/4"
TSPL-19-10	19	16	10	5/8"
TSPL-20-10	20	16	10	5/8"
TSPL-20-12	20	20	12	3/4
TSPL-22-10	22	16	10	5/8"
TSPL-22-12	22	20	12	3/4"
TSPL-25-12	25	20	12	3/4"
TSPL-25-16	25	25	16	1"
TSPL-28-16	28	25	16	1"
TSPL-30-16	30	25	16	1"
TSPL-30-20	30	32	20	1.1/4"
TSPL-35-20	35	32	20	1.1/4"
TSPL-38-16	38	25	16	1"
TSPL-38-20	38	32	20	1.1/4"
TSPL-38-24	38	40	24	1.1/2"
TSPL-42-20	42	32	20	1.1/4"
TSPL-42-24	42	40	24	1.1/2"

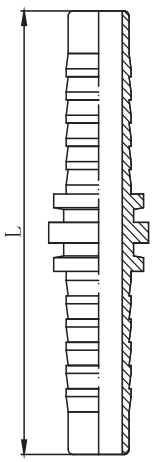
Comagran
AJUDANDO A PRODUZIR

TSPL90 | PONTA LISA CURVA 90°



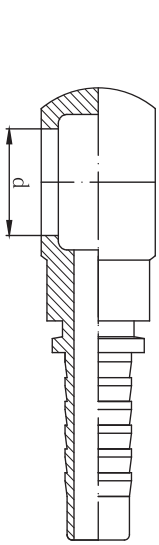
CÓDIGO	DN TUBO	MANGUEIRA		
		DN	TRAÇO	POL.
TSPL-06-04	06	06	04	1/4"
TSPL-08-04	08	06	04	1/4"
TSPL-10-04	10	06	04	1/4"
TSPL-10-06	10	06	04	1/4"
TSPL-12-04	12	06	04	1/4"
TSPL-12-06	12	10	06	3/8"
TSPL-12-08	12	12	08	1/2"
TSPL-14-06	14	10	06	3/8"
TSPL-14-08	14	12	08	1/2"
TSPL-15-08	15	12	08	1/2"
TSPL-16-08	16	12	08	1/2"
TSPL-16-12	16	10	12	3/4"
TSPL-18-08	18	12	08	1/2"
TSPL-18-10	18	16	10	5/8"
TSPL-18-12	18	16	10	5/8"
TSPL-19-10	19	16	10	5/8"
TSPL-20-10	20	16	10	5/8"
TSPL-20-12	20	20	12	3/4
TSPL-22-10	22	16	10	5/8"
TSPL-22-12	22	20	12	3/4"
TSPL-25-12	25	20	12	3/4"
TSPL-25-16	25	25	16	1"
TSPL-28-16	28	25	16	1"
TSPL-30-16	30	25	16	1"
TSPL-35-20	35	32	20	1.1/4"

TSEM | EMENDA HIDRÁULICA



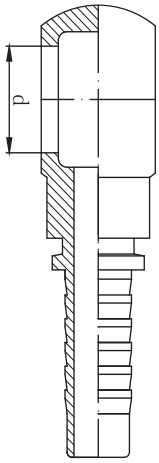
CÓDIGO	DIMENSÃO "L"	MANGUEIRA		
		DN	TRAÇO	POL.
TSEM-04	74	06	04	1/4"
TSEM-06	78	10	06	3/8"
TSEM-08	86	12	08	1/2"
TSEM-10	90	16	10	5/8"
TSEM-12	99	20	12	3/4"
TSEM-16	121	25	16	1"
TSEM-20	130	32	20	1.1/4"
TSEM-24	136	40	24	1.1/2"
TSEM-32	177	50	32	2"

TSOL OLHAL RETO - MÉTRICO



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSOL-10-04	M10	06	04	1/4"
TSOL-12-04	M12	06	04	1/4"
TSOL-12-06	M12	10	06	3/8"
TSOL-14-04	M14	06	04	1/4"
TSOL-14-06	M14	10	06	3/8"
TSOL-16-06	M16	10	06	3/8"
TSOL-16-08	M16	12	08	1/2"
TSOL-18-06	M18	10	06	3/8"
TSOL-19-06	M19	10	06	3/8"
TSOL-18-08	M18	12	08	1/2"
TSOL-21-06	M21	10	06	3/8"
TSOL-22-08	M22	12	08	1/2"
TSOL-22-10	M22	16	10	5/8"
TSOL-26-10	M26	16	10	5/8"
TSOL-26-12	M26	20	12	3/4"

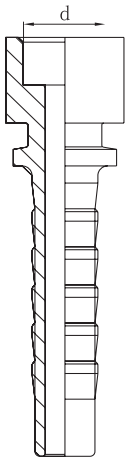
TSBOL OLHAL RETO - BSP



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TSBOL-04-04	1/4"-19	06	04	1/4"
TSBOL-06-06	3/8"-19	10	06	3/8"
TSBOL-08-06	1/2"-14	10	06	3/8"
TSBOL-08-08	1/2"-14	12	08	1/2"
TSBOL-10-10	5/8"-14	16	10	5/8"
TSBOL-12-12	3/4"-14	20	12	3/4"
TSBOL-16-16	1"-11	25	16	1"

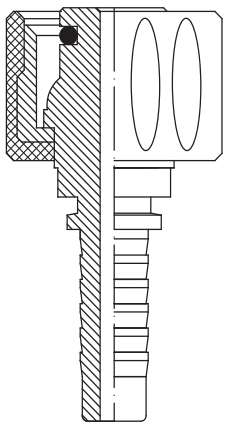
Comagran
AJUDANDO A PRODUZIR

TSSV | PINO SALVA VIDAS



CÓDIGO	D	MANGUEIRA DN	MANGUEIRA TRAÇO	MANGUEIRA TRAÇO
TSSV-08-04	08	06	04	1/4"
TSSV-12-06	12	10	06	3/8"
TSSV-14-06	14	10	06	3/8"
TSSV-15-08	15	12	08	1/2"
TSSV-16-08	16	12	08	1/2"
TSSV-18-10	18	16	10	5/8"
TSSV-22-12	22	20	12	3/4"
TSSV-28-16	28	25	16	1"
TSSV-35-20	35	32	20	1.1/4"
TSSV-40-24	40	40	24	1.1/2"
TSSV-50-32	50	50	32	2"

TSKARCHER | FÊMEA GIRATÓRIA KARCHER



CÓDIGO	ROSCA	MANGUEIRA DN	MANGUEIRA TRAÇO	MANGUEIRA POL.
TSKARCHER-22-04	M22X1.5	06	04	1/4"
TSKARCHER-22-06	M22X1.5	10	06	3/8"

Comagran

AJUDANDO A PRODUZIR

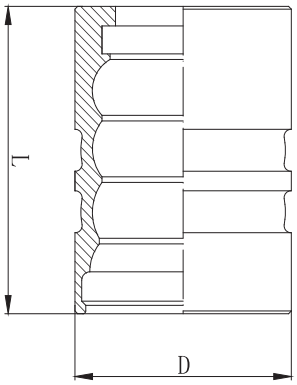
TERMINAIS INTERLOCK



Comagran
AJUDANDO A PRODUZIR

CPEI

CAPA PRENSADA INTERLOCK PARA MANGUEIRA 4SH/ R13 (SKIVE)

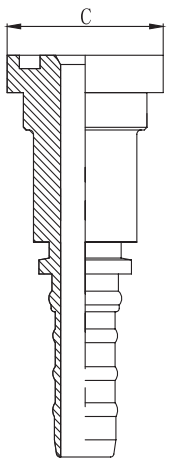


CÓDIGO	MANGUEIRA		
	DN	TRAÇO	TRAÇO
CPEI-10	10	06	3/8"
CPEI-12	20	12	3/4"
CPEI-16	25	16	1"
CPEI-20	32	20	1.1/4"
CPEI-24	40	24	1.1/2"
CPEI-32	50	32	2"

TIF3

FLANGE RETA CÓD. 61 3000 PSI - INTERLOCK

SAE J518



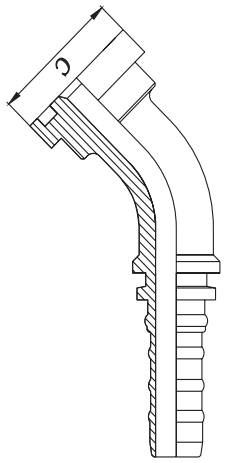
CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIF3-12-12	3/4"	38.1	20	12	3/4"
TIF3-12-16	3/4"	38.1	25	16	1"
TIF3-16-12	1"	44.4	20	12	3/4"
TIF3-16-16	1"	44.4	25	16	1"
TIF3-20-16	1.1/4"	50.8	25	16	1"
TIF3-20-20	1.1/4"	50.8	32	20	1.1/4"
TIF3-24-20	1.1/2"	60.3	32	20	1.1/4"
TIF3-24-24	1.1/2"	60.3	40	24	1.1/2"
TIF3-32-24	2"	71.4	40	24	1.1/2"
TIF3-32-32	2"	71.4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TIF345

FLANGE CURVA 45° CÓD. 61
3000 PSI - INTERLOCK

SAE J518

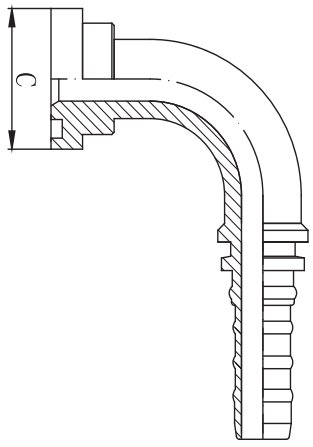


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIF345-12-12	3/4"	38.1	20	12	3/4"
TIF345-16-12	3/4"	38.1	20	12	3/4"
TIF345-16-16	1"	44.4	25	16	1"
TIF345-20-16	1"	44.4	25	16	1"
TIF345-20-20	1.1/4"	50.8	32	20	1.1/4"
TIF345-24-20	1.1/4"	50.8	32	20	1.1/4"
TIF345-24-24	1.1/2"	60.3	40	24	1.1/2"
TIF345-32-24	1.1/2"	60.3	40	24	1.1/2"
TIF345-32-32	2"	71.4	50	32	2"

TIF390

FLANGE CURVA 90° CÓD. 61
3000 PSI - INTERLOCK

SAE J518

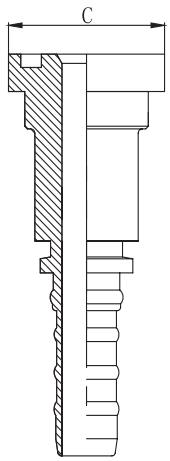


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIF390-12-12	3/4"	38.1	20	12	3/4"
TIF390-16-12	1"	44.4	20	12	3/4"
TIF390-16-16	1"	44.4	25	16	1"
TIF390-16-20	1"	44.4	32	20	1"
TIF390-20-16	1.1/4"	50.8	25	16	1"
TIF390-20-20	1.1/4"	50.8	32	20	1.1/4"
TIF390-20-20	1.1/2"	50.8	32	20	1.1/4"
TIF390-24-24	2"	60.3	40	24	1.1/2"
TIF390-32-24	2"	71.4	40	24	1.1/2"
TIF390-32-32	2"	71.4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TIF6

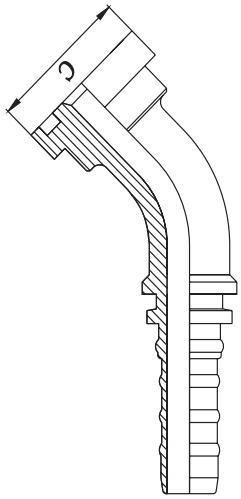
FLANGE RETA CÓD. 62
6000 PSI - INTERLOCK
SAE J518



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIF6-12-10	3/4"	41.3	16	10	5/8"
TIF6-12-12	3/4”	41.3	20	12	3/4"
TIF6-12-16	3/4"	41.3	25	16	1"
TIF6-16-10	1"	47.6	16	10	5/8"
TIF6-16-12	1"	47.6	20	12	3/4"
TIF6-16-16	1”	47.6	25	16	1"
TIF6-16-20	1"	47.6	32	20	1.1/4"
TIF6-20-16	1.1/4"	54	25	16	1"
TIF6-20-20	1.1/4”	54	32	20	1.1/4"
TIF6-20-24	1.1/4"	54	40	24	1.1/2"
TIF6-24-20	1.1/2”	63.5	32	20	1.1/4"
TIF6-24-24	1.1/2"	63.5	40	24	1.1/2"
TIF6-24-32	1.1/2"	63.5	50	32	2"
TIF6-32-24	2"	79.4	40	24	1.1/2"
TIF6-32-32	2”	79.4	50	32	2"

TIF645

FLANGE CURVA 45° CÓD. 62
6000 PSI - INTERLOCK
SAE J518



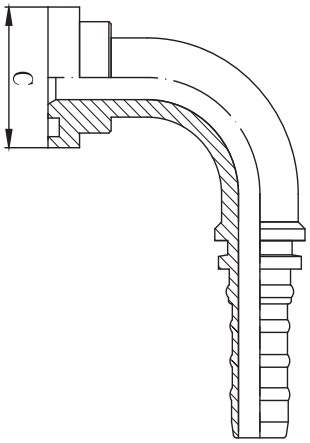
CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIF645-12-10	3/4"	41.3	16	10	5/8"
TIF6 45-12-12	3/4”	41.3	20	12	3/4"
TIF645-12-16	3/4"	41.3	25	16	1"
TIF645-16-10	1"	47.6	16	10	5/8"
TIF6 45-16-12	1"	47.6	20	12	3/4"
TIF645-16-12	1”	47.6	20	12	3/4"
TIF645-16-16	1"	47.6	25	16	1"
TIF645-16-20	1"	47.6	32	20	1.1/4"
TIF645-20-16	1.1/4”	54	25	16	1"
TIF645-20-20	1.1/4"	54	32	20	1.1/4"
TIF645-24-20	1.1/2”	63.5	32	20	1.1/4"
TIF645-24-20	1.1/2"	63.5	32	20	1.1/4"
TIF645-24-24	1.1/2"	63.5	40	24	1.1/2"
TIF645-32-24	2"	79.4	40	24	1.1/2"
TIF645-32-32	2”	79.4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TIF690

FLANGE CURVA 90° C D. 62
6000 PSI - INTERLOCK

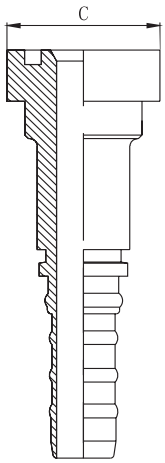
SAE J518



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIF690-12-10	3/4"	41.3	16	10	5/8"
TIF690-12-12	3/4"	41.3	20	12	3/4"
TIF690-12-16	3/4”	41.3	25	16	1"
TIF690-16-10	1"	47.6	16	10	5/8"
TIF690-16-12	1"	47.6	20	12	3/4"
TIF690-16-16	1"	47.6	25	16	1"
TIF690-20-16	1.1/4"	54	25	16	1"
TIF690-20-20	1.1/4"	54	32	20	1.1/4"
TIF690-24-20	1.1/2”	63.5	32	20	1.1/4"
TIF690-24-24	1.1/2"	63.5	40	24	1.1/2"
TIF690-24-24	1.1/2”	63.5	40	24	1.1/2"
TIF690-32-24	2"	79.4	40	24	1.1/2"
TIF690-32-32	2”	79.4	50	32	2"

TIFC

FLANGE RETA SUPERCAT
9000 PSI - INTERLOCK

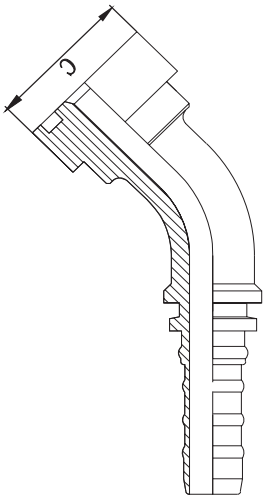


CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIFC-12-12	3/4"	41.3	20	12	3/4"
TIFC-16-12	1"	47.6	20	12	3/4"
TIFC-16-16	1"	47.6	25	16	1"
TIFC-20-16	1.1/4"	54	25	16	1"
TIFC-20-20	1.1/4"	54	32	20	1.1/4"
TIFC-24-20	1.1/2"	63.5	32	20	1.1/4"
TIFC-24-24	1.1/2"	63.5	40	24	1.1/2"
TIFC-24-32	1.1/2"	63.5	50	32	2"
TIFC-32-24	2"	79.4	40	24	1.1/2"
TIFC-32-32	2"	79.4	50	32	2"

Comagran
AJUDANDO A PRODUZIR

TIFC45

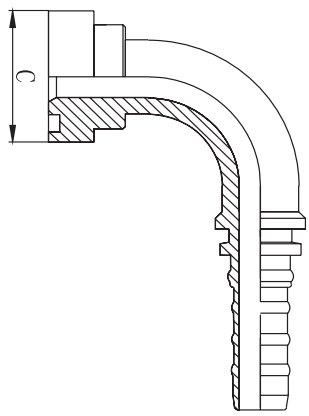
FLANGE CURVA 45° SUPERCAT 9000 PSI - INTERLOCK



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIFC45-12-12	3/4"	41.3	20	12	3/4"
TIFC45-16-12	1"	47.6	20	12	3/4"
TIFC45-16-16	1"	47.6	25	16	1"
TIFC45-20-16	1.1/4"	54	25	16	1"
TIFC45-20-20	1.1/4"	54	32	20	1.1/4"
TIFC45-24-20	1.1/2"	63.5	32	20	1.1/4"
TIFC45-24-24	1.1/2"	63.5	40	24	1.1/2"
TIFC45-32-24	2"	79.4	40	24	1.1/2"
TIFC45-32-32	2"	79.4	50	32	2"

TIFC90

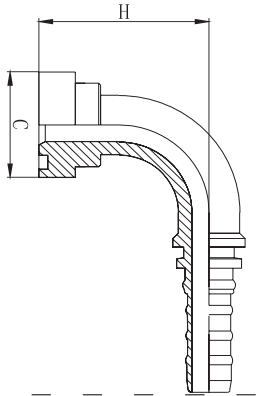
FLANGE CURVA 90° SUPERCAT 9000 PSI - INTERLOCK



CÓDIGO	FLANGE	DIMENSÃO "C"	MANGUEIRA		
			DN	TRAÇO	POL.
TIFC90-12-12	3/4"	41.3	20	12	3/4"
TIFC90-16-12	1"	47.6	20	12	3/4"
TIFC90-16-16	1"	47.6	25	16	1"
TIFC90-20-16	1.1/4"	54	25	16	1"
TIFC90-20-20	1.1/4"	54	32	20	1.1/4"
TIFC90-24-20	1.1/2"	63.5	32	20	1.1/4"
TIFC90-24-24	1.1/2"	63.5	40	24	1.1/2"
TIFC90-32-24	2"	79.4	40	24	1.1/2"
TIFC90-32-32	2"	79.4	50	32	2"

TIFC90L

FLANGE CURVA 90° LONGA SUPERCAT 9000 PSI - INTERLOCK



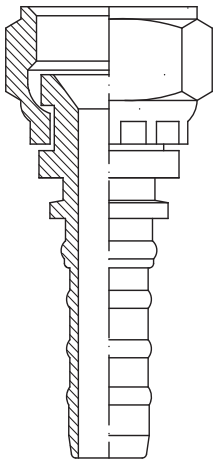
CÓDIGO	FLANGE	DIMENSÃO "H"	MANGUEIRA		
			DN	TRAÇO	POL.
TIFC90-16-16	1" I 47.6	114	25	16	1"

Comagran
AJUDANDO A PRODUZIR

TIFJ

FÊMEA GIRATÓRIA RETA UNF JIC 37° - INTERLOCK

SAE J514

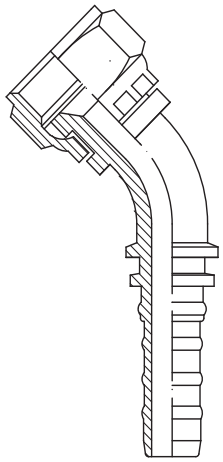


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFJ-12-12	1.1/16”X12	20	12	3/4"
TIFJ-16-12	1.5/16"X12	20	12	3/4"
TIFJ-16-16	1.5/16”X12	25	16	1"
TIFJ-20-16	1.5/8"X12	25	16	1"
TIFJ-20-20	1.5/8”X12	32	20	1.1/4"
TIFJ-24-24	1.7/8”X12	40	24	1.1/2"
TIFJ-32-32	2.1/2”X12	50	32	2"

TIFJ45

FÊMEA GIRATÓRIA CURVA 45° UNF JIC 37° - INTERLOCK

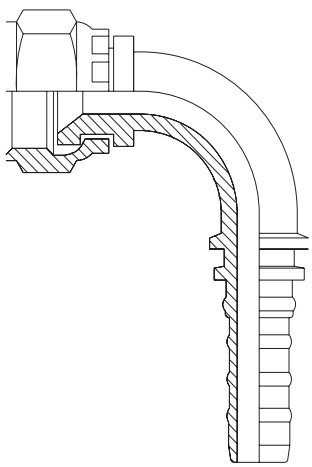
SAE J514



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFJ45-12-12	1.1/16”X12	20	12	3/4"
TIFJ45-16-12	1.5/16”X12	20	12	3/4"
TIFJ45-16-16	1.5/16”X12	25	16	1"
TIFJ45-20-16	1.5/8”X12	25	16	1"
TIFJ45-20-20	1.5/8”X12	32	20	1.1/4"
TIFJ45-24-24	1.7/8”X12	40	24	1.1/2"
TIFJ45-32-32	2.1/2”X12	50	32	2"

TIFJ90

FÊMEA GIRATÓRIA CURVA 90° JIC 37° INTERLOCK

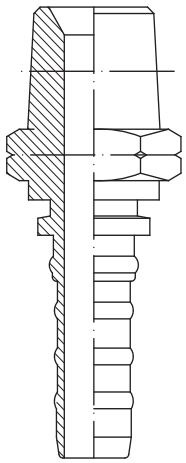


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFJ90-12-12	1.1/16”X12	20	12	3/4"
TIFJ90-16-12	1.5/16”X12	20	12	3/4"
TIFJ90-16-16	1.5/16”X12	25	16	1"
TIFJ90-20-16	1.5/8”X12	25	16	1"
TIFJ90-20-20	1.5/8”X12	32	20	1.1/4"
TIFJ90-24-20	1.7/8”X12	32	20	1.1/4"
TIFJ90-24-24	1.7/8”X12	40	24	1.1/2"
TIFJ90-32-32	2.1/2”X12	50	32	2"

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AJUDANDO A PRODUZIR

TIMP

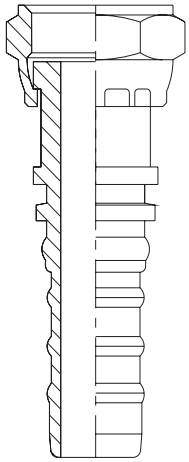
MACHO FIXO NPT - INTERLOCK
SEDE 60°/SAE J516



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIMP-12-12	3/4”X14	20	12	3/4"
TIMP-16-16	1”X11.5	25	16	1"
TIMP-20-20	1.1/4”X11.5	32	20	1.1/4"
TIMP-24-24	1.1/2”X11.5	40	24	1.1/2"
TIMP-32-32	2”X11.5	50	32	2"
TIFJ-24-24	1.7/8”X12	40	24	1.1/2"
TIFJ-32-32	2.1/2”X12	50	32	2"

TIFSP

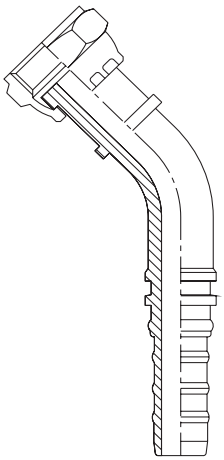
FÊMEA GIRATÓRIA RETA
SEDE PLANA (ORFS) - INTERLOCK
SAE J1453



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFSP-10-10	1"X14	16	10	5/8"
TIFSP-12-12	1.3/16"X12	20	12	3/4"
TIFSP-12-16	1.3/16"X12	25	16	1"
TIFSP-16-12	1.7/16"X12	20	12	3/4"
TIFSP-16-16	1.7/16"X12	25	16	1"
TIFSP-20-16	1.11/16"X12	25	16	1"
TIFSP-20-16	1.11/16"X12	25	16	1"
TIFSP-24-24	2"X12	40	24	1.1/2"

TIFSP45

FÊMEA GIRATÓRIA CURVA 45°
SEDE PLANA (ORFS) - INTERLOCK
SAE J1453



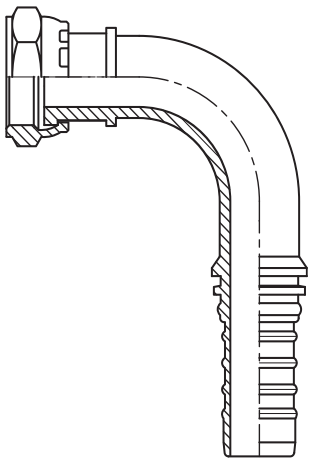
CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFSP45-12-12	1.3/16”X12	20	12	3/4"
TIFSP45-16-16	1.7/16”X12	25	16	1"
TIFSP45-20-20	1.11/16”X12	32	20	1.1/4"
TIFSP45-24-24	2"X12	40	24	1.1/2"

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AJUDANDO A PRODUZIR

TIFSP90

FÊMEA GIRATÓRIA CURVA 90° SEDE PLANA (ORFS) - INTERLOCK

SAE J1453

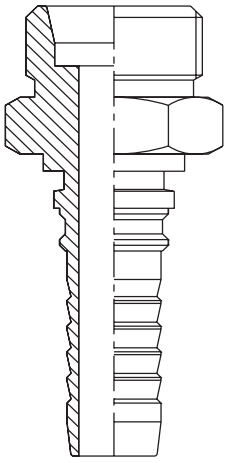


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFSP90-12-12	1.3/16”X12	20	12	3/4"
TIFSP90-16-16	1.7/16”X12	25	16	1"
TIFSP90-20-20	1.11/16”X12	32	20	1.1/4"
TIFSP90-20-16	1.11/16”X12	25	16	1"
TIFSP90-24-24	2”X12	40	24	1.1/2"

TIMM

MACHO MÉTRICO PARA TUBO - INTERLOCK

SEDE 24°/DIN 3853 - 3861

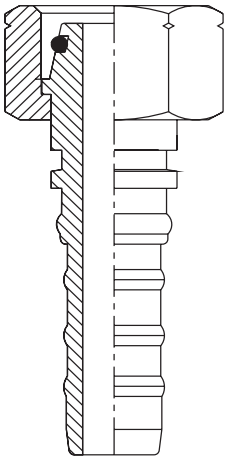


CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TIMM-30-20-10	M30X2.0	20	16	10	5/8"
TIMM-30-20-12	M30X2.0	20	20	12	3/4"
TIMM-36-25-12	M36X2.0	25	20	12	3/4"
TIMM-36-25-16	M36X2.0	25	25	16	1"
TIMM-42-30-16	M42X2.0	30	25	16	1"
TIMM-52-38-20	M52X2.0	38	32	20	1.1/4"
TIMM-52-38-24	M52X2.0	38	40	24	1.1/2"

TIFDKO

FÊMEA GIRATÓRIA RETA MÉTRICA DKO - INTERLOCK

SEDE 24°/DIN 3865



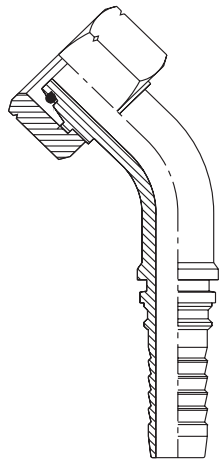
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TIFDKO-30-20-10	M30X2.0	20	16	10	5/8"
TIFDKO-30-20-12	M30X2.0	20	20	12	3/4"
TIFDKO-36-25-12	M36X2.0	25	20	12	3/4"
TIFDKO-36-25-16	M36X2.0	25	25	16	1"
TIFDKO-42-30-12	M42X2.0	30	20	12	3/4"
TIFDKO-42-30-16	M42X2.0	30	25	16	1"
TIFDKO-42-30-20	M42X2.0	30	32	20	1.1/4"
TIFDKO-52-38-16	M52X2.0	38	25	16	1"
TIFDKO-52-38-20	M52X2.0	38	32	20	1.1/4"
TIFDKO-52-38-24	M52X2.0	38	40	24	1.1/2"

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AJUDANDO A PRODUZIR

TIFDKO45

FÊMEA GIRATÓRIA CURVA 45° MÉTRICA DKO - INTERLOCK

SEDE 24°/DIN 3865

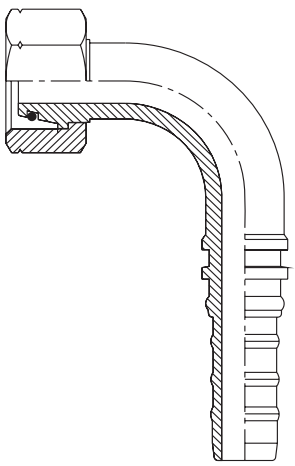


CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TIFDKO45-24-16-10	M24X2.0	16	16	10	5/8"
TIFDKO45-30-20-10	M30X2.0	20	16	10	5/8"
TIFDKO45-30-20-12	M30X2.0	20	20	12	3/4"
TIFDKO45-36-25-12	M36X2.0	25	20	12	3/4"
TIFDKO45-36-25-16	M36X2.0	25	25	16	1"
TIFDKO45-42-30-10	M42X2.0	30	16	10	5/8"
TIFDKO45-42-30-16	M42X2.0	30	25	16	1"
TIFDKO45-42-30-20	M42X2.0	30	32	20	1.1/4"
TIFDKO45-52-38-16	M52X2.0	38	14	16	1"
TIFDKO45-52-38-20	M52X2.0	38	32	20	1.1/4"
TIFDKO45-52-38-24	M52X2.0	38	40	24	1.1/2"

TIFDKO90

FÊMEA GIRATÓRIA CURVA 90° MÉTRICA DKO - INTERLOCK

SEDE 24°/DIN 3865



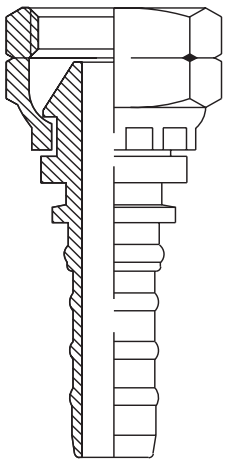
CÓDIGO	ROSCA	DN TUBO	MANGUEIRA		
			DN	TRAÇO	POL.
TIFDKO90-30-20-10	M30X2.0	20	16	10	5/8"
TIFDKO90-30-20-12	M30X2.0	20	20	12	3/4"
TIFDKO90-36-25-12	M36X2.0	25	20	12	3/4"
TIFDKO90-36-25-16	M36X2.0	25	25	16	1"
TIFDKO90-42-30-16	M42X2.0	30	25	16	1"
TIFDKO90-42-30-20	M42X2.0	30	32	20	1.1/4"
TIFDKO90-52-38-20	M52X2.0	38	32	20	1.1/4"

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AJUDANDO A PRODUZIR

TIFB

FÊMEA GIRATÓRIA RETA BSP - INTERLOCK

SEDE 60°/BS 5200

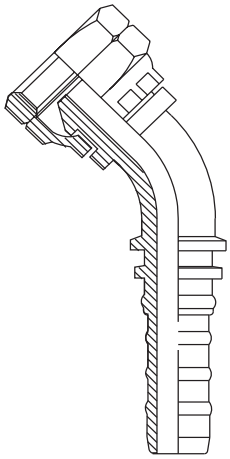


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFB-12-12	3/4"X14	20	12	3/4"
TIFB-12-16	3/4"X14	25	16	1"
TIFB-16-12	1"X11	20	12	3/4"
TIFB-16-16	1"X11	25	16	1"
TIFB-20-16	1.1/4"X11	25	16	1"
TIFB-20-20	1.1/4"X11	32	20	1.1/4"
TIFB-24-20	1.1/2"X11	32	20	1.1/4"
TIFB-24-24	1.1/2"X11	40	24	1.1/2"
TIFB-32-32	2"X11	50	32	2"

TIFB45

FÊMEA GIRATÓRIA CURVA 45° BSP - INTERLOCK

SEDE 60°/BS 5200

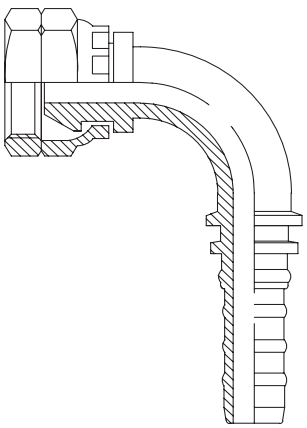


CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFB45-12-12	3/4"X14	20	12	3/4"
TIFB45-12-16	3/4"X14	25	16	1"
TIFB45-16-12	1"X11	20	12	3/4"
TIFB45-16-16	1"X11	25	16	1"
TIFB45-20-16	1.1/4"X11	25	16	1"
TIFB45-20-20	1.1/4"X11	32	20	1.1/4"
TIFB45-24-20	1.1/2"X11	32	20	1.1/4"
TIFB45-24-24	1.1/2"X11	40	24	1.1/2"
TIFB45-32-32	2"X11	50	32	2"

TIFB90

FÊMEA GIRATÓRIA CURVA 90° BSP - INTERLOCK

SEDE 60°/BS 5200



CÓDIGO	ROSCA	MANGUEIRA		
		DN	TRAÇO	POL.
TIFB90-12-12	3/4"X14	20	12	3/4"
TIFB90-12-16	3/4"X14	25	16	1"
TIFB90-16-12	1"X11	20	12	3/4"
TIFB90-16-16	1"X11	25	16	1"
TIFB90-20-16	1.1/4"X11	25	16	1"
TIFB90-20-20	1.1/4"X11	32	20	1.1/4"
TIFB90-24-20	1.1/2"X11	32	20	1.1/4"
TIFB90-24-24	1.1/2"X11	40	24	1.1/2"
TIFB90-32-32	2"X11	50	32	2"

Comagran

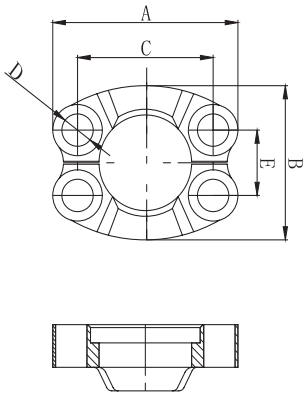
AJUDANDO A PRODUZIR



Comagran
AJUDANDO A PRODUZIR

ACSPLIT3

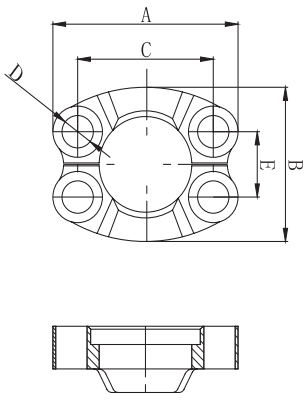
SPLIT FLANGE COD. 61



CÓDIGO	FLANGE	PARAFUSO	DIMENSÃO				
			A	B	C	D	E
ACSPLIT3-08	1/2”	M8X25	53.8	46.1	17.5	9	17.5
ACSPLIT3-12	3/4”	M10X30	65	52.4	22.2	11	22.2
ACSPLIT3-16	1”	M10X30	69.9	58.7	26.2	11	26.2
ACSPLIT3-20	1.1/4”	M10X30	79.2	73	30.2	11	30.2
ACSPLIT3-24	1.1/2”	M12X35	93.7	82.6	35.7	13.5	35.7
ACSPLIT3-32	2”	M12X35	101.6	96.8	42.9	13.5	42.9

ACSPLIT6

SPLIT FLANGE COD. 62



CÓDIGO	FLANGE	PARAFUSO	DIMENSÃO				
			A	B	C	D	E
ACSPLIT6-08	1/2”	M8X30	56.3	49.2	40.5	9	18.2
ACSPLIT6-12	3/4”	M10X35	71.4	61.8	50.8	11	23.8
ACSPLIT6-16	1”	M12X45	81	71.4	57.2	13	27.8
ACSPLIT6-20	1.1/4”	M14X30	95.3	79.2	66.7	15	31.8
ACSPLIT6-24	1.1/2”	M16X55	112.8	96.8	79.4	17	36.6
ACSPLIT6-32	2”	M20X70	133.4	115.6	96.8	21	44.4

Comagran

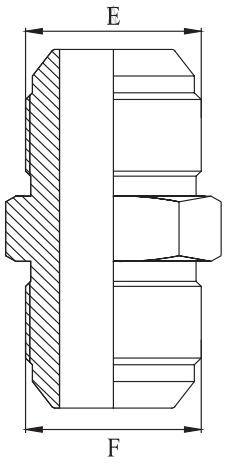
AJUDANDO A PRODUZIR



Comagran
AJUDANDO A PRODUZIR

ADMJMJ

ADAPTADOR RETO
MACHO JIC 37° X MACHO JIC 37°

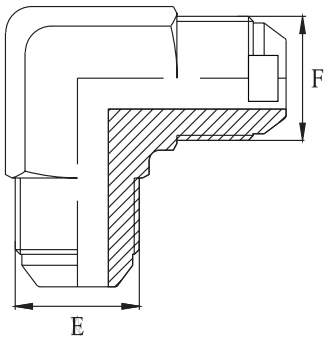


CÓDIGO	ROSCA	
	E	F
ADMJMJ-04-04	7/16”X20	7/16”X20
ADMJMJ-05-04	1/2"X20	7/16”X20
ADMJMJ-05-05	1/2”X20	1/2”X20
ADMJMJ-06-04	9/16"X18	7/16”X20
ADMJMJ-06-05	9/16"X18	1/2”X20
ADMJMJ-06-06	9/16”X18	9/16”X18
ADMJMJ-08-04	3/4”X16	7/16”X20
ADMJMJ-08-06	3/4”X16	9/16”X18
ADMJMJ-08-08	3/4"X16	3/4"X16
ADMJMJ-10-06	7/8"X14	9/16”X18
ADMJMJ-10-08	7/8"X14	3/4"X16
ADMJMJ-10-10	7/8"X14	7/8"X14
ADMJMJ-12-06	1.1/16"X12	9/16”X18
ADMJMJ-12-08	1.1/16"X12	3/4"X16
ADMJMJ-12-10	1.1/16"X12	7/8"X14
ADMJMJ-12-12	1.1/16"X12	1.1/16"X12
ADMJMJ-16-08	1.5/16"X12	3/4"X16
ADMJMJ-16-10	1.5/16"X12	7/8"X14
ADMJMJ-16-12	1.5/16"X12	1.1/16"X12
ADMJMJ-16-16	1.5/16"X12	1.5/16"X12
ADMJMJ-20-16	1.5/8"X12	1.5/16"X12
ADMJMJ-20-20	1.5/8"X12	1.5/8"X12
ADMJMJ-24-20	1.7/8"X12	1.5/8"X12
ADMJMJ-24-24	1.7/8"X12	1.7/8"X12
ADMJMJ-32-20	2.1/2”X12	1.5/8"X12
ADMJMJ-32-24	2.1/2”X12	1.7/8"X12
ADMJMJ-32-32	2.1/2”X12	2.1/2”X12

Comagran
AJUDANDO A PRODUZIR

AD90MJMJ

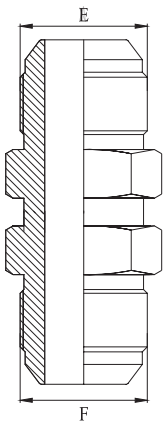
ADAPTADOR CURVA 90°
MACHO JIC 37° X MACHO JIC 37°



CÓDIGO	ROSCA	
	E	F
AD90MJMJ-04-04	7/16”X20	7/16”X20
AD90MJMJ-05-05	1/2”X20	1/2”X20
AD90MJMJ-06-06	9/16”X18	9/16”X18
AD90MJMJ-08-08	3/4"X16	3/4"X16
AD90MJMJ-10-10	7/8"X14	7/8"X14
AD90MJMJ-12-12	1.5/16"X12	1.5/16"X12
AD90MJMJ-16-16	1.5/8"X12	1.5/8"X12
AD90MJMJ-20-20	1.7/8"X12	1.7/8"X12
AD90MJMJ-24-24	2.1/2”X12	2.1/2”X12

ADMJMJL

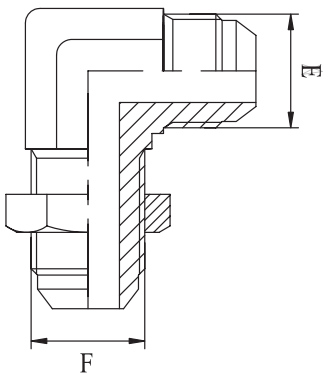
ADAPTADOR RETO
MACHO JIC 37° X MACHO JIC 37°
PAINEL / LONGO



CÓDIGO	ROSCA	
	E	F
ADMJMJL-04-04	7/16”X20	7/16”X20
ADMJMJL-06-06	9/16”X18	9/16”X18
ADMJMJL-08-08	3/4"X16	3/4"X16
ADMJMJL-10-10	7/8"X14	7/8"X14
ADMJMJL-12-12	1.1/16"X12	1.1/16"X12
ADMJMJL-16-16	1.5/16"X12	1.5/16"X12
ADMJMJL-20-20	1.5/8"X12	1.5/8"X12
ADMJMJL-24-24	1.7/8"X12	1.7/8"X12
ADMJMJL-32-32	2.1/2”X12	2.1/2”X12

AD90MJMJL

ADAPTADOR CURVA 90°
MACHO JIC 37° X MACHO JIC 37°
PAINEL / LONGO

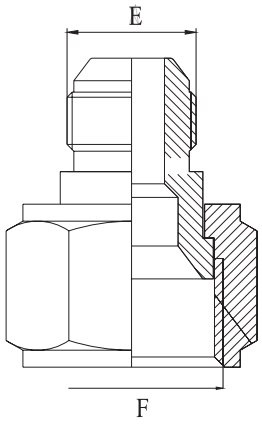


CÓDIGO	ROSCA	
	E	F
AD90MJMJL-04-04	7/16”X20	7/16”X20
AD90MJMJL-05-05	1/2"X20	1/2"X20
AD90MJMJL-06-06	9/16”X18	9/16”X18
AD90MJMJL-08-08	3/4"X16	3/4"X16
AD90MJMJL-10-10	7/8"X14	7/8"X14
AD90MJMJL-12-12	1.1/16"X12	1.1/16"X12
AD90MJMJL-16-16	1.5/16"X12	1.5/16"X12
AD90MJMJL-20-20	1.5/8"X12	1.5/8"X12
AD90MJMJL-24-24	1.7/8"X12	1.7/8"X12

Comagran
AJUDANDO A PRODUZIR

ADMJFJ

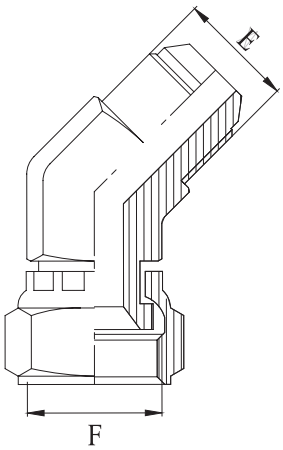
ADAPTADOR RETO
MACHO JIC 37° X F MEA JIC 37°



CÓDIGO	ROSCA	
	E	F
ADMJFJ-04-06	7/16"X20	9/16"X18
ADMJFJ-04-08	7/16"X20	3/4"X16
ADMJFJ-04-10	7/16"X20	7/8"X14
ADMJFJ-04-12	7/16"X20	1.1/16"X12
ADMJFJ-05-08	1/2"X20	3/4"X16
ADMJFJ-05-10	1/2"X20	7/8"X14
ADMJFJ-05-12	1/2"X20	1.1/16"X12
ADMJFJ-06-08	9/16"X18	3/4"X16
ADMJFJ-06-10	9/16"X18	7/8"X14
ADMJFJ-06-12	9/16"X18	1.1/16"X12
ADMJFJ-06-16	9/16"X18	1.5/16"X12
ADMJFJ-08-12	3/4"X16	1.1/16"X12
ADMJFJ-08-16	3/4"X16	1.5/16"X12
ADMJFJ-08-20	3/4"X16	1.5/8"X12
ADMJFJ-10-16	7/8"X14	1.5/16"X12
ADMJFJ-10-20	7/8"X14	1.5/8"X12
ADMJFJ-10-24	7/8"X14	1.7/8"X12
ADMJFJ-12-16	1.1/16"X12	1.5/16"X12
ADMJFJ-12-20	1.1/16"X12	1.5/8"X12
ADMJFJ-12-24	1.1/16"X12	1.7/8"X12
ADMJFJ-16-20	1.5/16"X12	1.5/8"X12
ADMJFJ-16-24	1.5/16"X12	1.7/8"X12
ADMJFJ-20-24	1.5/8"X12	1.7/8"X12

AD45MJFJ

ADAPTADOR CURVA 45°
MACHO JIC 37° X F MEA JIC 37°

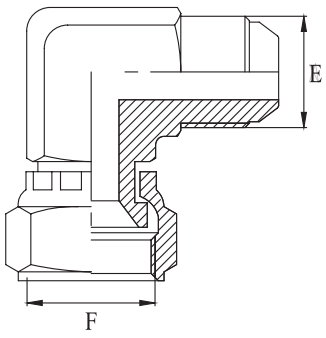


CÓDIGO	ROSCA	
	E	F
AD45MJFJ-04-04	7/16”X20	7/16”X20
AD45MJFJ-05-05	1/2”X20	1/2”X20
AD45MJFJ-06-06	9/16”X18	9/16”X18
AD45MJFJ-08-08	3/4”X16	3/4”X16
AD45MJFJ-10-10	7/8”X14	7/8”X14
AD45MJFJ-12-12	1.1/16”X12	1.1/16”X12
AD45MJFJ-16-16	1.5/16”X12	1.5/16”X12
AD45MJFJ-20-20	1.5/8”X12	1.5/8”X12
AD45MJFJ-24-24	1.7/8”X12	1.7/8”X12
AD45MJFJ-32-32	2.1/2”X12	2.1/2”X12

Comagran
AJUDANDO A PRODUZIR

AD90MJFJ

ADAPTADOR CURVA 90°
MACHO JIC 37° X F MEA JIC 37°



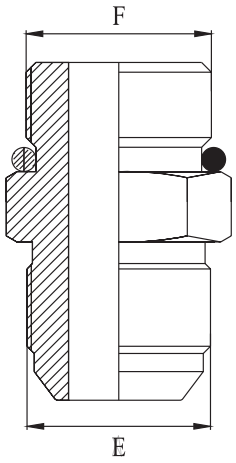
CÓDIGO	ROSCA	
	E	F
AD90MJFJ-04-04	7/16”X20	7/16”X20
AD90MJFJ-05-05	1/2”X20	1/2”X20
AD90MJFJ-06-06	9/16”X18	9/16”X18
AD90MJFJ-06-08	9/16”X18	3/4”X16
AD90MJFJ-08-06	3/4”X16	9/16”X18
AD90MJFJ-08-08	3/4”X16	3/4”X16
AD90MJFJ-08-10	3/4”X16	7/8”X14
AD90MJFJ-10-08	7/8”X14	3/4”X16
AD90MJFJ-10-10	7/8”X14	7/8”X14
AD90MJFJ-10-12	7/8”X14	1.1/16”X12
AD90MJFJ-12-10	1.1/16”X12	7/8”X14
AD90MJFJ-12-12	1.1/16”X12	1.1/16”X12
AD90MJFJ-12-16	1.1/16”X12	1.5/16”X12
AD90MJFJ-16-16	1.5/16”X12	1.5/16”X12
AD90MJFJ-16-20	1.5/16”X12	1.5/8”X12
AD90MJFJ-20-16	1.5/8”X12	1.5/16”X12
AD90MJFJ-20-20	1.5/8”X12	1.5/8”X12
AD90MJFJ-20-24	1.5/8”X12	1.7/8”X12
AD90MJFJ-24-20	1.7/8”X12	1.5/8”X12
AD90MJFJ-24-24	1.7/8”X12	1.7/8”X12
AD90MJFJ-32-32	2.1/2”X12	2.1/2”X12

Comagran
AJUDANDO A PRODUZIR

ADMJMO

ADAPTADOR RETO MACHO UNF X MACHO JIC 37°

COM O'RING

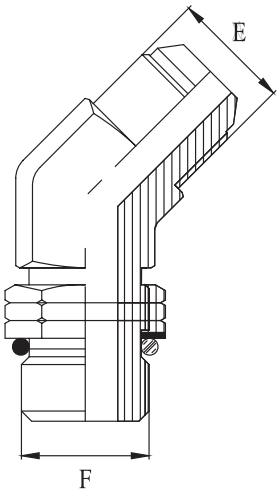


CÓDIGO	ROSCA	
	F	E
ADMJMO-04-04	7/16"X20	7/16"X20
ADMJMO-04-05	7/16"X20	1/2"X20
ADMJMO-04-06	7/16"X20	9/16"X18
ADMJMO-05-04	1/2"X20	7/16"X20
ADMJMO-05-05	1/2"X20	1/2"X20
ADMJMO-05-06	1/2"20	9/16"X18
ADMJMO-06-04	9/16"X18	7/16"X20
ADMJMO-06-05	9/16"X18	1/2"X20
ADMJMO-06-06	9/16”X18	9/16”X18
ADMJMO-06-08	9/16"X18	3/4"X16
ADMJMO-08-05	3/4"X16	1/2"X20
ADMJMO-08-06	3/4"X16	9/16"X18
ADMJMO-08-08	3/4”X16	3/4”X16
ADMJMO-08-10	3/4"X16	7/8"X14
ADMJMO-08-12	3/4"X16	1.1/16"X12
ADMJMO-10-06	7/8"X14	9/16"X18
ADMJMO-10-08	7/8”X14	3/4”X16
ADMJMO-10-10	7/8"X14	7/8"X14
ADMJMO-10-12	7/8"X14	1.1/16"X12
ADMJMO-12-08	1.1/16"X12	3/4"X16
ADMJMO-12-10	1.1/16"X12	7/8"X14
ADMJMO-12-12	1.1/16"X12	1.1/16"X12
ADMJMO-12-16	1.1/16"X12	1.5/16"X12
ADMJMO-16-12	1.5/16"X12	1.1/16"X12
ADMJMO-16-16	1.5/16"X12	1.5/16"X12
ADMJMO-20-20	1.5/8"X12	1.5/8"X12
ADMJMO-24-24	1.7/8"X12	1.7/8"X12
ADMJMO-32-32	2.1/2"X12	2.1/2"X12

Comagran
AJUDANDO A PRODUZIR

AD45MJMO

ADAPTADOR CURVA 45°
MACHO UNF X MACHO JIC 37°
COM PORCA ORIENT VEL

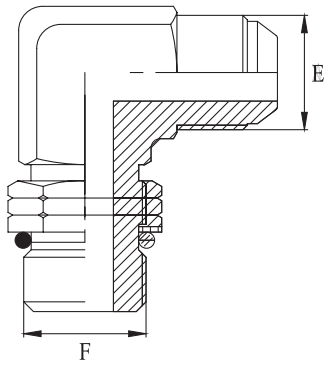


CÓDIGO	ROSCA	
	F	E
AD45MJMO-04-04	7/16”X20	7/16”X20
AD45MJMO-04-06	7/16”X20	9/16”X18
AD45MJMO-05-05	1/2”X20	1/2”X20
AD45MJMO-06-04	9/16”X18	7/16”X20
AD45MJMO-06-06	9/16”X18	9/16"X18
AD45MJMO-06-08	9/16”X18	3/4”X16
AD45MJMO-08-06	3/4”X16	9/16”X18
AD45MJMO-08-08	3/4"X16	3/4"X16
AD45MJMO-08-10	3/4”X16	7/8”X14
AD45MJMO-08-12	3/4”X16	1.1/16”X12
AD45MJMO-10-08	7/8”X14	7/8”X14
AD45MJMO-10-08	7/8”X14	3/4”X16
AD45MJMO-10-10	7/8”X14	7/8"X14
AD45MJMO-10-12	7/8”X14	1.1/16"X12
AD45MJMO-12-08	1.1/16"X12	3/4"X16
AD45MJMO-12-10	1.1/16"X12	7/8"X14
AD45MJMO-12-12	1.1/16"X12	1.1/16"X12
AD45MJMO-12-16	1.1/16"X12	1.5/16"X12
AD45MJMO-16-12	1.5/16”X12	1.1/16”X12
AD45MJMO-16-16	1.5/8"X12	1.5/16"X12
AD45MJMO-20-20	1.5/8”X12	1.5/8”X12

Comagran
AJUDANDO A PRODUZIR

AD90MJMO

ADAPTADOR CURVA 90°
MACHO UNF X MACHO JIC 37°
COM PORCA ORIENT VEL

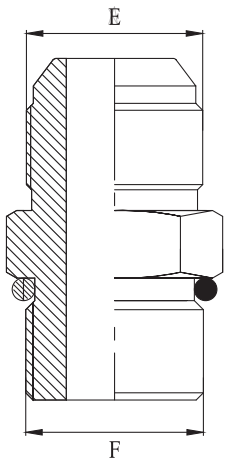


CÓDIGO	ROSCA	
	F	E
AD90MJMO-04-04	7/16”X20	7/16”X20
AD90MJMO-04-06	7/16”X20	9/16”X18
AD90MJMO-05-05	1/2”X20	1/2”X20
AD90MJMO-06-04	9/16”X18	7/16”X20
AD90MJMO-06-06	9/16”X18	9/16”X18
AD90MJMO-06-08	9/16”X18	3/4”X16
AD90MJMO-08-06	3/4”X16	9/16”X18
AD90MJMO-08-08	3/4”X16	3/4”X16
AD90MJMO-08-10	3/4”X16	7/8”X14
AD90MJMO-08-12	3/4”X16	1.1/16”X12
AD90MJMO-10-08	7/8”X14	3/4”X16
AD90MJMO-10-10	7/8”X14	7/8”X14
AD90MJMO-10-12	7/8”X14	1.1/16”X12
AD90MJMO-12-08	1.1/16"X12	3/4"X16
AD90MJMO-12-10	1.1/16”X12	7/8”X14
AD90MJMO-12-12	1.1/16”X12	1.1/16”X12
AD90MJMO-12-16	1.1/16”X12	1.5/16”X12
AD90MJMO-16-12	1.5/16”X12	1.1/16”X12
AD90MJMO-16-16	1.5/16”X12	1.5/16”X12
AD90MJMO-20-20	1.5/8”X12	1.5/8”X12

Comagran
AJUDANDO A PRODUZIR

ADMJMM

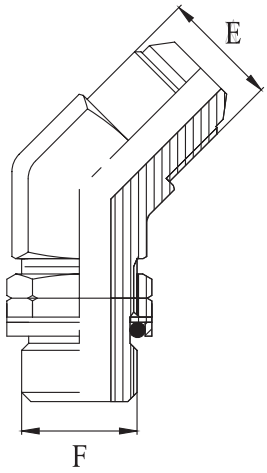
ADAPTADOR RETO
MACHO JIC 37° X MACHO MÉTRICO
COM O'RING



CÓDIGO	ROSCA	
	E	F
ADMJMM-04-10	7/16”X20	10X1
ADMJMM-04-12	7/16”X20	12X1.5
ADMJMM-04-14	7/16”X20	14X1.5
ADMJMM-05-10	1/2”X20	10X1
ADMJMM-05-12	1/2”X20	12X1.5
ADMJMM-05-14	1/2”X20	14X1.5
ADMJMM-06-14	9/16”X18	14X1.5
ADMJMM-06-16	9/16”X18	16X1.5
ADMJMM-06-18	9/16”X18	18X1.5
ADMJMM-08-14	3/4”X16	14X1.5
ADMJMM-08-16	3/4”X16	16X1.5
ADMJMM-08-18	3/4”X16	18X1.5
ADMJMM-08-22	3/4”X16	22X1.5
ADMJMM-10-16	7/8”X14	16X1.5
ADMJMM-10-18	7/8”X14	18X1.5
ADMJMM-10-22	7/8”X14	22X1.5
ADMJMM-12-22	1.1/16”X12	22X1.5
ADMJMM-12-27	1.1/16”X12	27X2
ADMJMM-16-27	1.5/16”X12	27X2

AD45MJMM

ADAPTADOR CURVA 45°
MACHO JIC 37° X MACHO MÉTRICO
COM PORCA ORIENT VEL

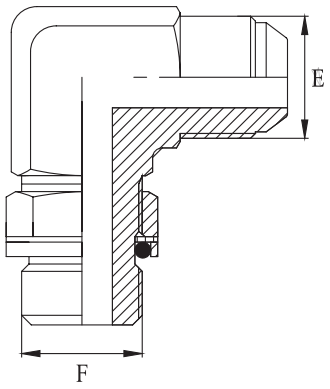


CÓDIGO	ROSCA	
	E	F
AD45MJMM-04-10	7/16”X20	10X1
AD45MJMM-04-12	7/16”X20	12X1.5
AD45MJMM-04-14	7/16”X20	14X1.5
AD45MJMM-05-12	1/2”X20	12X1.5
AD45MJMM-05-14	1/2”X20	14X1.5
AD45MJMM-06-14	9/16”X18	14X1.5
AD45MJMM-06-16	9/16”X18	16X1.5
AD45MJMM-06-18	9/16”X18	18X15
AD45MJMM-08-16	3/4”X16	16X1.5
AD45MJMM-08-18	3/4”X16	18X1.5
AD45MJMM-08-22	3/4”X16	22X15
AD45MJMM-10-16	7/8”X14	16X1.5
AD45MJMM-10-18	7/8”X14	18X1.5
AD45MJMM-10-22	7/8”X14	22X1.5
AD45MJMM-12-22	1.1/16”X12	22X1.5
AD45MJMM-12-27	1.1/16”X12	27X2
AD45MJMM-16-27	1.5/16”X12	27X2

Comagran
AJUDANDO A PRODUZIR

AD90MJMM

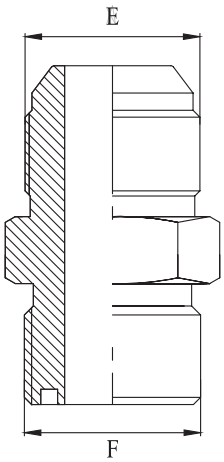
ADAPTADOR CURVA 90°
MACHO JIC 37° X MACHO MÉTRICO
COM PORCA ORIENT VEL



CÓDIGO	ROSCA	
	E	F
AD90MJMM-04-10	7/16”X20	10X1
AD90MJMM-04-12	7/16”X20	12X1.5
AD90MJMM-04-14	7/16”X20	14X1.5
AD90MJMM-05-12	1/2”X20	12X1.5
AD90MJMM-05-14	1/2”X20	14X1.5
AD90MJMM-06-14	9/16”X18	14X1.5
AD90MJMM-06-16	9/16”X18	16X1.5
AD90MJMM-06-18	9/16”X18	18X1.5
AD90MJMM-08-16	3/4”X16	16X1.5
AD90MJMM-08-18	3/4”X16	18X1.5
AD90MJMM-08-22	3/4”X16	22X1.5
AD90MJMM-10-16	7/8”X14	16X1.5
AD90MJMM-10-18	7/8”X14	18X1.5
AD90MJMM-10-22	7/8”X14	22X1.5
AD90MJMM-12-22	1.1/16”X12	22X1.5
AD90MJMM-12-27	1.1/16”X12	27X2
AD90MJMM-16-27	1.5/16”X12	27X2

ADMJMSP

ADAPTADOR RETO
MACHO JIC 37° X MACHO ORFS
SEDE PLANA

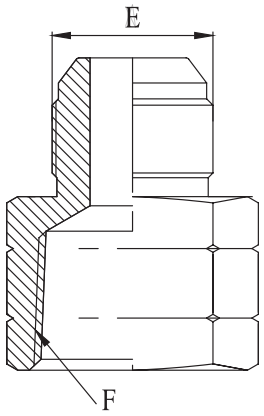


CÓDIGO	ROSCA	
	E	F
ADMJMSP-04-04	7/16”X20	9/16”X18
ADMJMSP-05-04	1/2”X20	9/16”X18
ADMJMSP-05-06	1/2”X20	11/16”X16
ADMJMSP-06-04	9/16”X18	9/16”X18
ADMJMSP-08-06	3/4”X16	11/16”X16
ADMJMSP-08-08	3/4”X16	13/16”X16
ADMJMSP-10-08	7/8”X14	13/16”X16
ADMJMSP-10-10	7/8”X14	1”X14
ADMJMSP-12-10	1.1/16”X12	1”X14
ADMJMSP-12-12	1.1/16”X12	1.3/16”X12
ADMJMSP-16-12	1.5/16”X12	1.3/16”X12
ADMJMSP-16-16	1.5/16”X12	1.7/16”X12
ADMJMSP-20-16	1.5/8”X12	1.7/16”X12
ADMJMSP-20-20	1.5/8”X12	1.11/16”X12
ADMJMSP-24-20	1.7/8”X12	1.11/16”X12

Comagran
AJUDANDO A PRODUZIR

ADMJFF

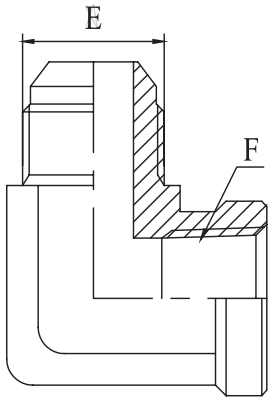
ADAPTADOR RETO
MACHO JIC 37° X FÊMEA FIXA NPT



CÓDIGO	ROSCA	
	E	F
ADMJFF-04-02	7/16”X20	1/8”X27
ADMJFF-04-04	7/16”X20	1/4”X18
ADMJFF-05-04	1/2”X20	1/4”X18
ADMJFF-06-04	9/16”X18	1/4”X18
ADMJFF-06-06	9/16”X18	3/8”X18
ADMJFF-06-08	9/16”X18	1/2”X14
ADMJFF-08-06	3/4”X16	3/8”X18
ADMJFF-08-08	3/4”X16	1/2”X14
ADMJFF-08-12	3/4”X16	3/4”X14
ADMJFF-10-08	7/8”X14	1/2”X14
ADMJFF-10-12	7/8”X14	3/4”X14
ADMJFF-12-08	1.1/16”X12	1/2”X14
ADMJFF-12-12	1.1/16”X12	3/4”X14
ADMJFF-16-12	1.5/16”X12	3/4”X14
ADMJFF-16-16	1.5/16”X12	1”X11.5
ADMJFF-20-20	1.5/8”X12	1.1/4”X11.5
ADMJFF-24-24	1.7/8”X12	1.1/2”X11.5
ADMJFF-32-32	2.1/2”X12	2”X11.5

AD90MJFF

ADAPTADOR CURVA 90°
MACHO JIC 37° X FÊMEA FIXA NPT

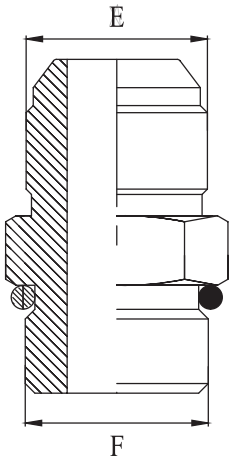


CÓDIGO	ROSCA	
	E	F
AD90MJFF-04-02	7/16”X20	1/8”X27
AD90MJFF-04-04	7/16”X20	1/4”X18
AD90MJFF-05-02	1/2”X20	1/8”X27
AD90MJFF-05-04	9/16”X18	1/4”X18
AD90MJFF-06-02	9/16”X18	1/8”X27
AD90MJFF-06-04	9/16”X18	1/4”X18
AD90MJFF-06-06	9/16”X18	3/8”X18
AD90MJFF-08-04	3/4”X16	1/4”X18
AD90MJFF-08-06	3/4”X16	3/8”X18
AD90MJFF-08-08	3/4”X16	1/2”X14
AD90MJFF-10-08	7/8”X14	1/2”X14
AD90MJFF-12-08	1.1/16”X12	1/2”X14
AD90MJFF-12-12	1.1/16”X12	3/4”X14
AD90MJFF-16-16	1.5/16”X12	1”X11.5
AD90MJFF-20-20	1.5/8”X12	1.1/4”X11.5
AD90MJFF-24-24	1.7/8”X12	1.1/2”X11.5

Comagran
AJUDANDO A PRODUZIR

ADMJMB

ADAPTADOR RETO
MACHO JIC 37º X MACHO BSP
COM O'RING

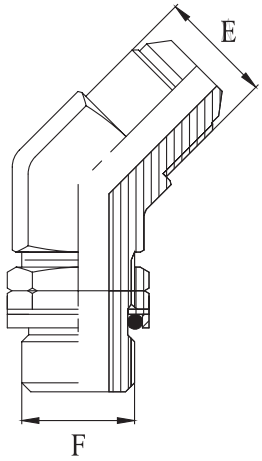


CÓDIGO	ROSCA	
	E	F
ADMJMB-04-02	7/16”X20	1/8”X28
ADMJMB-04-04	7/16”X20	1/4”X19
ADMJMB-04-06	7/16”X20	3/8”X19
ADMJMB-04-08	7/16”X20	1/2”X14
ADMJMB-05-04	1/2”X20	1/4”X19
ADMJMB-05-06	1/2”X20	3/8”X19
ADMJMB-05-08	1/2”X20	1/2”X14
ADMJMB-06-04	9/16”X18	1/4”X19
ADMJMB-06-06	9/16”X18	3/8”X19
ADMJMB-06-08	9/16”X18	1/2”X14
ADMJMB-08-04	3/4”X16	1/4”X19
ADMJMB-08-06	3/4”X16	3/8”X19
ADMJMB-08-08	3/4”X16	1/2”X14
ADMJMB-08-12	3/4”X16	3/4”X14
ADMJMB-10-06	7/8”X14	3/8”X19
ADMJMB-10-08	7/8”X14	1/2”X14
ADMJMB-10-12	7/8”X14	3/4”X14
ADMJMB-12-08	1.1/16”X12	1/2”X14
ADMJMB-12-12	1.1/16”X12	3/4”X14
ADMJMB-12-16	1.1/16”X12	1”X11
ADMJMB-12-20	1.1/16”X12	1.1/4”X11
ADMJMB-16-12	1.5/16”X12	3/4”X14
ADMJMB-16-16	1.5/16”X12	1”X11
ADMJMB-16-20	1.5/16”X12	1.1/4”X11
ADMJMB-20-16	1.5/8”X12	1”X11
ADMJMB-20-20	1.5/8”X12	1.1/4”X11
ADMJMB-24-16	1.7/8”X12	1”X11
ADMJMB-24-20	1.7/8”X12	1.1/4”X11
ADMJMB-24-24	1.7/8”X12	1.1/2”X11

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AJUDANDO A PRODUZIR

AD45MJMB

ADAPTADOR CURVA 45°
MACHO JIC 37° X MACHO BSP
COM PORCA ORIENT VEL



CÓDIGO	ROSCA	
	E	F
AD45MJMB-04-02	7/16X20	1/8"X28
AD45MJMB-04-04	7/16”X20	1/4”X19
AD45MJMB-04-06	7/16”X20	3/8"X19
AD45MJMB-04-08	7/16”X20	1/2"X14
AD45MJMB-05-04	1/2”X20	1/4”X19
AD45MJMB-06-04	9/16”X18	1/4”X19
AD45MJMB-06-06	9/16”X18	3/8”X19
AD45MJMB-06-08	9/16”X18	1/2"X14
AD45MJMB-08-06	3/4”X16	3/8”X19
AD45MJMB-08-08	3/4”X16	1/2”X14
AD45MJMB-08-12	3/4”X16	3/4"X14
AD45MJMB-10-06	7/8"X14	3/8"X19
AD45MJMB-10-08	7/8”X14	1/2”X14
AD45MJMB-10-10	7/8”X14	5/8”X14
AD45MJMB-10-12	7/8”X14	3/4"X14
AD45MJMB-12-08	1.1/16"X12	1/2"X14
AD45MJMB-12-12	1.1/16”X12	3/4”X14
AD45MJMB-12-16	1.1/16”X12	1”X11
AD45MJMB-16-12	1.5/16”X12	3/4”X14
AD45MJMB-16-16	1.5/16”X12	1”X11
AD45MJMB-16-20	1.5/16”X12	1.1/4"X11
AD45MJMB-20-20	1.5/8”X12	1.1/4”X11
AD45MJMB-24-24	1.7/8”X12	1.1/2”X11

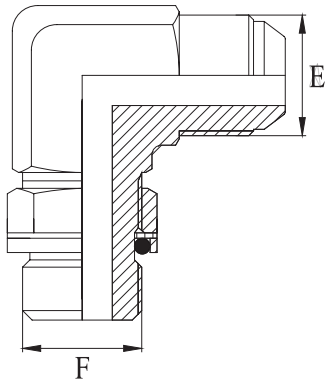
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AJUDANDO A PRODUZIR

AD90MJMB

ADAPTADOR CURVA 90°
MACHO JIC 37° X MACHO BSP

COM PORCA ORIENT VEL

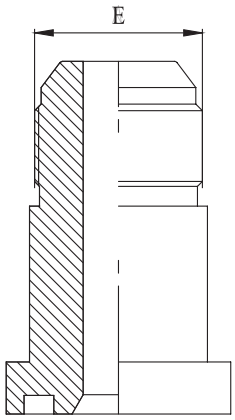


CÓDIGO	ROSCA	
	E	F
AD90MJMB-04-02	7/16”X20	1/8”X28
AD90MJMB-04-04	7/16”X20	1/4”X19
AD90MJMB-04-06	7/16”X20	3/8”X19
AD90MJMB-04-08	7/16”X20	1/2"X14
AD90MJMB-05-04	1/2”X20	1/4”X19
AD90MJMB-05-06	1/2”X20	3/8”X19
AD90MJMB-05-08	1/2”X20	1/2”X14
AD90MJMB-06-04	9/16”X18	1/4”X19
AD90MJMB-06-06	9/16”X18	3/8”X19
AD90MJMB-06-08	9/16”X18	1/2”X14
AD90MJMB-08-04	3/4”X16	1/4”X19
AD90MJMB-08-06	3/4”X16	3/8”X19
AD90MJMB-08-08	3/4”X16	1/2”X14
AD90MJMB-08-12	3/4”X16	3/4”X14
AD90MJMB-10-06	7/8”X16	3/8”X19
AD90MJMB-10-08	7/8”X16	1/2”X14
AD90MJMB-10-12	7/8”X16	3/4”X14
AD90MJMB-12-08	1.1/16”X12	1/2”X14
AD90MJMB-12-12	1.1/16”X12	3/4”X14
AD90MJMB-12-16	1.1/16”X12	1”X11
AD90MJMB-16-12	1.5/16”X12	3/4”X14
AD90MJMB-16-16	1.5/16”X12	1”X11
AD90MJMB-16-20	1.5/16”X12	1.1/4”X11
AD90MJMB-20-20	1.5/8”X12	1.1/4”X11
AD90MJMB-20-16	1.5/8”X12	1”X11
AD90MJMB-24-16	1.7/8”X12	1”X11
AD90MJMB-24-20	1.7/8”X12	1.1/4”X11
AD90MJMB-24-24	1.7/8”X12	1.1/2”X11

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AJUDANDO A PRODUZIR

ADMJFL3

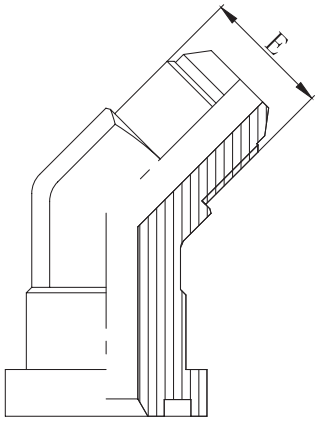
ADAPTADOR RETO
MACHO JIC 37° X FLANGE CÓD 61



CÓDIGO	ROSCA E	FLANGE	
ADMJFL3-08-08	3/4”X16	1/2”	30.2 MM
ADMJFL3-08-12	3/4”X16	3/4”	38.1 MM
ADMJFL3-10-08	7/8”X14	1/2”	30.2 MM
ADMJFL3-10-12	7/8”X14	3/4”	38.1 MM
ADMJFL3-12-08	1.1/16”X12	1/2”	30.2 MM
ADMJFL3-12-12	1.1/16”X12	3/4”	38.1 MM
ADMJFL3-16-12	1.5/16”X12	3/4”	38.1 MM
ADMJFL3-16-16	1.5/16”X12	1"	44.4 MM
ADMJFL3-16-20	1.5/16”X12	1.1/4”	50.8 MM
ADMJFL3-20-16	1.5/8”X12	1"	44.4 MM
ADMJFL3-20-20	1.5/8”X12	1.1/4”	50.8 MM
ADMJFL3-20-24	1.5/8”X12	1.1/2”	60.3 MM
ADMJFL3-24-20	1.7/8”X12	1.1/4”	50.8 MM
ADMJFL3-24-24	1.7/8”X12	1.1/2”	60.3 MM
ADMJFL3-24-32	1.7/8”X12	2”	71.4 MM
ADMJFL3-32-32	2.1/2"X12	2”	71.4 MM

AD45MJFL3

ADAPTADOR CURVA 45°
MACHO JIC 37° X FLANGE CÓD 61

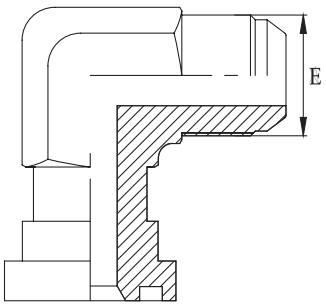


CÓDIGO	ROSCA E	FLANGE	
AD45MJFL3-08-08	3/4”X16	1/2”	30.2 MM
AD45MJFL3-10-08	7/8”X14	1/2”	30.2 MM
AD45MJFL3-10-12	7/8”X14	3/4”	38.1 MM
AD45MJFL3-12-12	1.1/16”X12	3/4”	38.1 MM
AD45MJFL3-12-16	1.1/16”X12	1”	44.4 MM
AD45MJFL3-16-16	1.5/16”X12	1”	44.4 MM
AD45MJFL3-16-12	1.5/16”X12	3/4”	38.1 MM
AD45MJFL3-16-20	1.5/16”X12	1.1/4”	50.8 MM
AD45MJFL3-20-20	1.5/8”X12	1.1/4”	50.8 MM
AD45MJFL3-20-16	1.5/8”X12	1”	44.4 MM
AD45MJFL3-20-24	1.5/8”X12	1.1/2”	60.3 MM
AD45MJFL3-24-20	1.7/8”X12	1.1/4”	50.8 MM
AD45MJFL3-24-24	1.7/8”X12	1.1/2”	60.3 MM
AD45MJFL3-32-32	2.1/2”X12	2”	71.4 MM

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AJUDANDO A PRODUZIR

AD90MJFL3

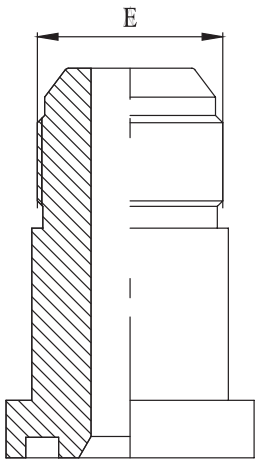
ADAPTADOR CURVA 90°
MACHO JIC 37° X FLANGE CÓD 61



CÓDIGO	ROSCA E	FLANGE	
AD90MJFL3-08-08	3/4”X16	1/2”	30.2 MM
AD90MJFL3-10-08	7/8”X14	1/2”	30.2 MM
AD90MJFL3-10-12	7/8”X14	3/4”	38.1 MM
AD90MJFL3-12-12	1.1/16”X12	3/4”	38.1 MM
AD90MJFL3-12-16	1.1/16”X12	1”	44.4 MM
AD90MJFL3-16-16	1.5/16”X12	1”	44.4 MM
AD90MJFL3-16-12	1.5/16”X12	3/4”	38.1 MM
AD90MJFL3-16-20	1.5/16”X12	1.1/4”	50.8 MM
AD90MJFL3-20-20	1.5/8”X12	1.1/4”	50.8 MM
AD90MJFL3-20-16	1.5/8”X12	1”	44.4 MM
AD90MJFL3-20-24	1.5/8”X12	1.1/2”	60.3 MM
AD90MJFL3-24-20	1.7/8”X12	1.1/4”	50.8 MM
AD90MJFL3-24-24	1.7/8”X12	1.1/2”	60.3 MM
AD90MJFL3-32-32	2.1/2”X12	2”	71.4 MM

ADMJFL6

ADAPTADOR RETO
MACHO JIC 37° X FLANGE CÓD 62

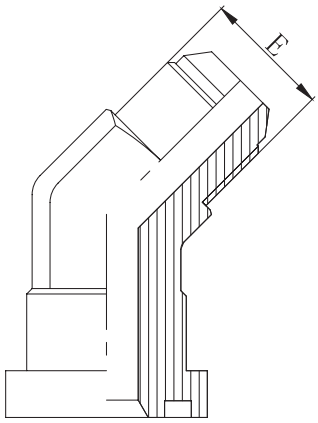


CÓDIGO	ROSCA E	FLANGE	
ADMJFL6-08-08	3/4”X16	1/2”	31.7 MM
ADMJFL6-10-08	7/8”X14	1/2”	31.7 MM
ADMJFL6-10-12	7/8”X14	3/4”	41.3 MM
ADMJFL6-12-12	1.1/16”X12	3/4”	41.3 MM
ADMJFL6-12-16	1.1/16”X12	1”	47.6 MM
ADMJFL6-16-12	1.5/16”X12	3/4”	41.3 MM
ADMJFL6-16-16	1.5/16”X12	1"	47.6 MM
ADMJFL6-16-20	1.5/16”X12	1.1/4”	54.0 MM
ADMJFL6-20-16	1.5/8”X12	1"	47.6 MM
ADMJFL6-20-20	1.5/8”X12	1.1/4”	54.0 MM
ADMJFL6-20-24	1.5/8”X12	1.1/2”	63.5 MM
ADMJFL6-24-20	1.7/8”X12	1.1/4”	54.0 MM
ADMJFL6-24-24	1.7/8”X12	1.1/2”	63.5 MM

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AJUDANDO A PRODUZIR

AD45MJFL6

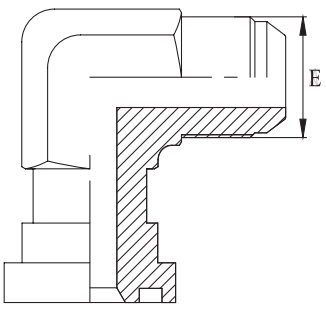
ADAPTADOR CURVA 45°
MACHO JIC 37° X FLANGE CÓD 62



CÓDIGO	ROSCA E	FLANGE	
AD45MJFL6-08-08	3/4”X16	1/2”	31.7 MM
AD45MJFL6-10-08	7/8”X14	1/2”	31.7 MM
AD45MJFL6-10-12	7/8”X14	3/4”	41.3 MM
AD45MJFL6-12-12	1.1/16”X12	3/4”	41.3 MM
AD45MJFL6-12-16	1.1/16”X12	1”	47.6 MM
AD45MJFL6-16-16	1.5/16”X12	1”	47.6 MM
AD45MJFL6-16-12	1.5/16”X12	3/4”	41.3 MM
AD45MJFL6-16-20	1.5/16”X12	1.1/4”	54.0 MM
AD45MJFL6-20-20	1.5/8”X12	1.1/4”	54.0 MM
AD45MJFL6-20-16	1.5/8”X12	1”	47.6 MM
AD45MJFL6-20-24	1.5/8”X12	1.1/2”	63.5 MM
AD45MJFL6-24-24	1.7/8”X12	1.1/2”	63.5 MM

AD90MJFL6

ADAPTADOR CURVA 90°
MACHO JIC 37° X FLANGE CÓD 62

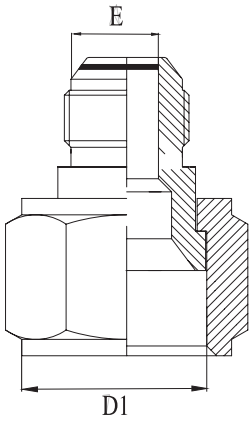


CÓDIGO	ROSCA E	FLANGE	
AD90MJFL6-08-08	3/4”X16	1/2”	31.7 MM
AD90MJFL6-10-08	7/8”X14	1/2”	31.7 MM
AD90MJFL6-10-12	7/8”X14	3/4”	41.3 MM
AD90MJFL6-12-12	1.1/16”X12	3/4”	41.3 MM
AD90MJFL6-12-16	1.1/16”X12	1”	47.6 MM
AD90MJFL6-16-16	1.5/16”X12	1”	47.6 MM
AD90MJFL6-16-12	1.5/16”X12	3/4”	41.3 MM
AD90MJFL6-16-22	1.5/16”X12	1.1/4”	54.0 MM
AD90MJFL6-20-20	1.5/8”X12	1.1/4”	54.0 MM
AD90MJFL6-20-16	1.5/8”X12	1”	47.6 MM
AD90MJFL6-20-24	1.5/8”X12	1.1/2”	63.5 MM
AD90MJFL6-24-24	1.7/8”X12	1.1/2”	63.5 MM

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ADMJS

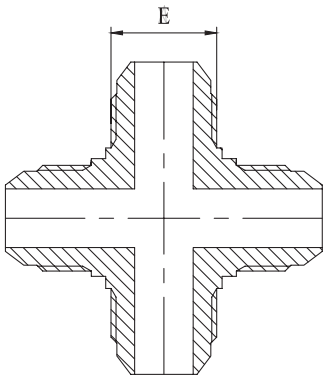
ADAPTADOR MACHO SOLDA JIC 37°



CÓDIGO	ROSCA E	ENCAIXE SOLDA D1 (MM)
AMJS-04-06	7/16"X20	06
AMJS-05-08	1/2"X20	08
AMJS-06-10	9/16"X18	10
AMJS-08-12	3/4"X16	12
AMJS-10-16	7/8"X14	16
AMJS-12-20	1.1/16”X12	20
AMJS-16-25	1.5/16”X12	25
AMJS-20-32	1.5/8”X12	32

ADCMJ

ADAPTADOR CRUZETA MACHO JIC 37°

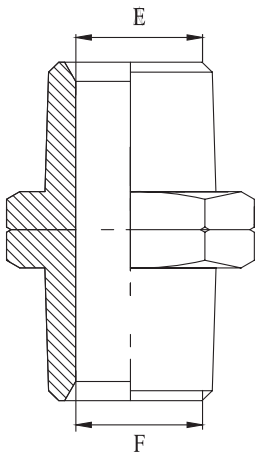


CÓDIGO	ROSCA JIC 37°
ADCMJ-04-04	7/16"X20
ADCMJ-05-05	1/2"X20
ADCMJ-06-06	9/16"X18
ADCMJ-08-08	3/4"X16
ADCMJ-10-10	7/8"X14
ADCMJ-12-12	1.1/16”X12
ADCMJ-16-16	1.5/16”X12
ADCMJ-20-20	1.5/8”X12
ADCMJ-24-24	1.7/8”X12

Comagran
AJUDANDO A PRODUZIR

ADMPMP

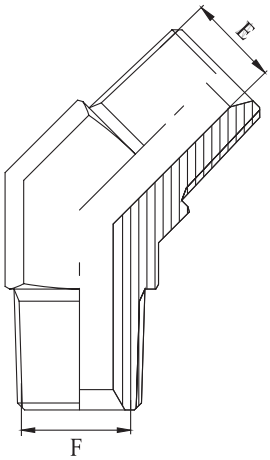
ADAPTADOR RETO MACHO NPT X MACHO NPT



CÓDIGO	ROSCA	
	E	F
ADMPMP-02-02	1/8”X27	1/8”X27
ADMPMP-02-04	1/8”X27	1/4”X18
ADMPMP-04-04	1/4”X18	1/4”X18
ADMPMP-02-06	1/8”X27	3/8”X18
ADMPMP-04-06	1/4”X18	3/8”X18
ADMPMP-06-06	3/8”X18	3/8”X18
ADMPMP-04-08	1/4”X18	1/2”X14
ADMPMP-06-08	3/8”X18	1/2”X14
ADMPMP-08-08	1/2”X14	1/2”X14
ADMPMP-08-12	1/2”X14	3/4”X14
ADMPMP-12-12	3/4”X14	3/4”X14
ADMPMP-12-16	3/4”X14	1”X11.5
ADMPMP-16-16	1”X11.5	1”X11.5
ADMPMP-16-20	1”X11.5	1.1/4”X11.5
ADMPMP-20-20	1.1/4”X11.5	1.1/4”X11.5
ADMPMP-20-24	1.1/4”X11.5	1.1/2”X11.5
ADMPMP-24-24	1.1/2”X11.5	1.1/2”X11.5
ADMPMP-24-32	1.1/2”X11.5	2”X11.5
ADMPMP-32-32	2”X11.5	2”X11.5

AD45MPMP

ADAPTADOR CURVA 45° MACHO NPT X MACHO NPT



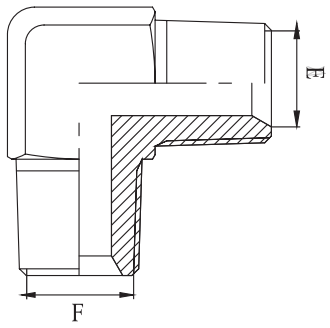
CÓDIGO	ROSCA	
	E	F
AD45MPMP-02-02	1/8”X27	1/8”X27
AD45MPMP-02-04	1/8”X18	1/4”X18
AD45MPMP-02-06	1/8”X18	3/8"X18
AD45MPMP-04-04	1/4"X18	1/4"X18
AD45MPMP-04-06	1/4"X18	3/8"X18
AD45MPMP-04-08	1/4"X18	1/2"X14
AD45MPMP-06-06	3/8”X18	3/8”X18
AD45MPMP-06-08	3/8”X18	1/2"X14
AD45MPMP-08-08	1/2”X14	1/2”X14
AD45MPMP-08-12	1/2”X14	3/4"X14
AD45MPMP-12-12	3/4”X14	3/4”X14
AD45MPMP-12-16	3/4”X14	1"X11.5
AD45MPMP-16-16	1”X11.5	1”X11.5
AD45MPMP-16-20	1”X11.5	1.1/4"X11.5
AD45MPMP-20-20	1.1/4”X11.5	1.1/4”X11.5
AD45MPMP-24-24	1.1/2”X11.5	1.1/2”X11.5
AD45MPMP-32-32	2”X11.5	2”X11.5

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AJUDANDO A PRODUZIR

AD90MPMP

ADAPTADOR CURVA 90° MACHO NPT X MACHO NPT

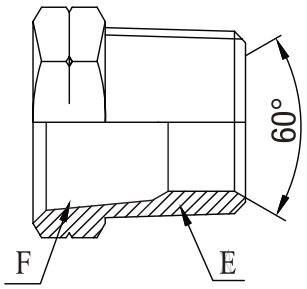


CÓDIGO	ROSCA	
	E	F
AD90MPMP-02-02	1/8”X27	1/8”X27
AD90MPMP-02-04	1/8”X27	1/4"X18
AD90MPMP-02-06	1/8”X27	3/8"X18
AD90MPMP-04-04	1/4”X18	1/4”X18
AD90MPMP-04-06	1/4”X18	3/8"X18
AD90MPMP-04-08	1/4”X18	1/2”X14
AD90MPMP-06-06	3/8”X18	3/8”X18
AD90MPMP-06-08	3/8”X18	1/2”X18
AD90MPMP-08-08	1/2”X14	1/2”X14
AD90MPMP-08-12	1/2”X14	3/4"X14
AD90MPMP-12-12	3/4”X14	3/4”X14
AD90MPMP-12-16	3/4”X14	1”X11.5
AD90MPMP-16-16	1”X11.5	1”X11.5
AD90MPMP-16-20	1”X11.5	1.1/4”X11.5
AD90MPMP-20-20	1.1/4”X11.5	1.1/4”X11.5
AD90MPMP-24-24	1.1/2”X11.5	1.1/2”X11.5
AD90MPMP-32-32	2”X11.5	2”X11.5

Comagran
AJUDANDO A PRODUZIR

ADMPFF

ADAPTADOR RETO MACHO NPT X FÊMEA NPT

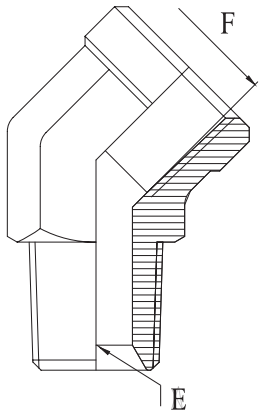


CÓDIGO	ROSCA	
	E	F
ADMPFF-02-02	1/8"X27	1/8"X27
ADMPFF-02-04	1/8"X27	1/4"X18
ADMPFF-02-06	1/8"X27	3/8"X18
ADMPFF-02-08	1/8"X27	1/2"X14
ADMPFF-04-04	1/4"X18	1/4"X18
ADMPFF-04-02	1/4"X18	1/8"X27
ADMPFF-04-06	1/4"X18	3/8"X18
ADMPFF-04-08	1/4"X18	1/2"X14
ADMPFF-04-12	1/4"X18	3/4"X14
ADMPFF-06-06	3/8"X18	3/8"X18
ADMPFF-06-04	3/8"X18	1/4"X18
ADMPFF-06-08	3/8"X18	1/2"X14
ADMPFF-06-12	3/8"X18	3/4"X14
ADMPFF-06-16	3/8"X18	1"X11.5
ADMPFF-08-06	1/2"X14	3/8"X18
ADMPFF-08-12	1/2"X14	3/4"X14
ADMPFF-08-16	1/2"X14	1"X11.5
ADMPFF-12-08	3/4"X14	1/2"X14
ADMPFF-12-16	3/4"X14	1"X11.5
ADMPFF-12-20	3/4"X14	1.1/4"X11.5
ADMPFF-16-16	1"X11.5	1"X11.5
ADMPFF-16-12	1"X11.5	3/4"X14
ADMPFF-16-20	1"X11.5	1.1/4"X11.5
ADMPFF-16-24	1"X11.5	1.1/2"X11.5
ADMPFF-16-32	1"X11.5	2"X11.5
ADMPFF-20-12	1.1/4"X11.5	3/4"X14
ADMPFF-20-24	1.1/4"X11.5	1.1/2"X11.5
ADMPFF-20-32	1.1/4"X11.5	2"X11.5
ADMPFF-24-32	1.1/2"X11.5	2"X11.5

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AJUDANDO A PRODUZIR

AD45MPFF

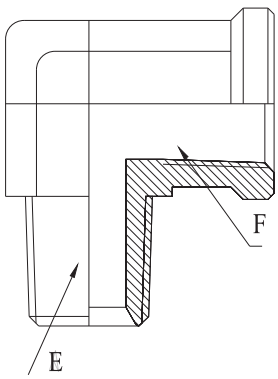
ADAPTADOR CURVA 45° MACHO NPT X FÊMEA NPT



CÓDIGO	ROSCA	
	E	F
AD45MPFF-02-02	1/8"X27	1/8"X27
AD45MPFF-04-04	1/4"X18	1/4"X18
AD45MPFF-06-06	3/8"X18	3/8"X18
AD45MPFF-08-08	1/2"X14	1/2"X14
AD45MPFF-12-12	3/4"X14	3/4"X14
AD45MPFF-16-16	1"X11.5	1"X11.5
AD45MPFF-20-20	1.1/4"X11.5	1.1/4"X11.5
AD45MPFF-24-24	1.1/2"X11.5	1.1/2"X11.5
AD45MPFF-32-32	2"X11.5	2"X11.5

AD90MPFF

ADAPTADOR CURVA 90° MACHO NPT X FÊMEA NPT

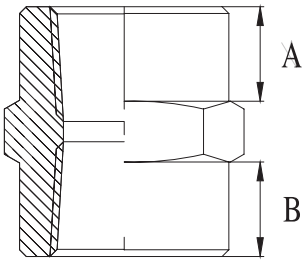


CÓDIGO	ROSCA	
	E	F
AD90MPFF-02-02	1/8"X27	1/8"X27
AD90MPFF-04-04	1/4"X18	1/4"X18
AD90MPFF-04-02	1/4"X18	1/8"X27
AD90MPFF-04-06	1/4"X18	3/8"X18
AD90MPFF-06-06	3/8"X18	3/8"X18
AD90MPFF-08-08	1/2"X14	1/2"X14
AD90MPFF-12-12	3/4"X14	3/4"X14
AD90MPFF-12-08	3/4"X14	1/2"X14
AD90MPFF-16-16	1"X11.5	1"X11.5
AD90MPFF-20-20	1.1/4"X11.5	1.1/4"X11.5
AD90MPFF-24-24	1.1/2"X11.5	1.1/2"X11.5
AD90MPFF-32-32	2"X11.5	2"X11.5

Comagran
AJUDANDO A PRODUZIR

ADFFFF

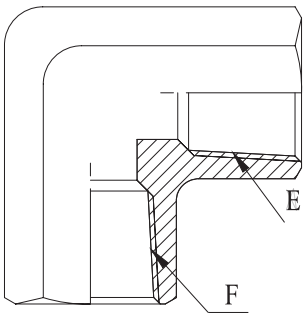
ADAPTADOR RETO
FÊMEA NPT X FÊMEA NPT



CÓDIGO	ROSCA	
	A	B
ADFFFF-02-02	1/8”X27	1/8”X27
ADFFFF-04-02	1/4”X18	1/8”X27
ADFFFF-04-04	1/4”X18	1/4”X18
ADFFFF-06-04	3/8”X18	1/4”X18
ADFFFF-06-06	3/8”X18	3/8”X18
ADFFFF-08-04	1/2”X14	1/4”X18
ADFFFF-08-08	1/2”X14	1/2”X14
ADFFFF-12-12	3/4”X14	3/4”X14
ADFFFF-16-16	1”X11.5	1”X11.5
ADFFFF-20-20	1.1/4”X11.5	1.1/4”X11.5
ADFFFF-24-24	1.1/2”X11.5	1.1/2”X11.5
ADFFFF-32-32	2”X11.5	2”X11.5

AD90FFFF

ADAPTADOR CURVA 90°
FÊMEA NPT X FÊMEA NPT

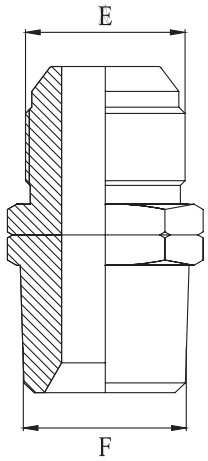


CÓDIGO	ROSCA	
	E	F
AD90FFFF-02-02	1/8”X27	1/8”X27
AD90FFFF-02-04	1/8”X27	1/4”X18
AD90FFFF-04-04	1/4”X18	1/4”X18
AD90FFFF-06-04	3/8"X18	1/4"X18
AD90FFFF-06-06	3/8”X18	3/8”X18
AD90FFFF-08-04	1/2"X14	1/4"18
AD90FFFF-08-08	1/2”X14	1/2”X14
AD90FFFF-12-12	3/4”X14	3/4”X14
AD90FFFF-16-16	1”X11.5	1”X11.5
AD90FFFF-20-20	1.1/4”X11.5	1.1/4”X11.5
AD90FFFF-24-24	1.1/2”X11.5	1.1/2”X11.5
AD90FFFF-32-32	2”X11.5	2”X11.5

Comagran
AJUDANDO A PRODUZIR

ADMPMJ

ADAPTADOR RETO MACHO NPT X MACHO JIC 37°

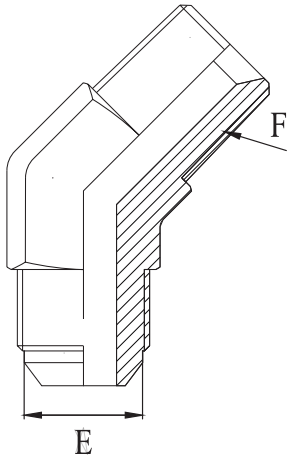


CÓDIGO	ROSCA	
	F	E
ADMPMJ-02-04	1/8"X27	7/16"X20
ADMPMJ-02-05	1/8"X27	1/2"X20
ADMPMJ-02-06	1/8"X27	9/16"X18
ADMPMJ-04-04	1/4"X18	7/16"X20
ADMPMJ-04-05	1/4"X18	1/2"X20
ADMPMJ-04-06	1/4"X18	9/16"X18
ADMPMJ-04-08	1/4"X18	3/4"X16
ADMPMJ-06-04	3/8"X18	7/16"X20
ADMPMJ-06-05	3/8"X18	1/2"X20
ADMPMJ-06-06	3/8"X18	9/16"X18
ADMPMJ-06-08	3/8"X18	3/4"X16
ADMPMJ-06-10	3/8"X18	7/8"X14
ADMPMJ-06-12	3/8"X18	1.1/16"X12
ADMPMJ-08-04	1/2"X14	7/16"X20
ADMPMJ-08-05	1/2"X14	1/2"X20
ADMPMJ-08-06	1/2"X14	9/16"X18
ADMPMJ-08-08	1/2"X14	3/4"X16
ADMPMJ-08-10	1/2"X14	7/8"X14
ADMPMJ-08-12	1/2"X14	1.1/16"X12
ADMPMJ-08-16	1/2"X14	1.5/16"X12
ADMPMJ-12-08	3/4"X14	3/4"X16
ADMPMJ-12-10	3/4"X14	7/8"X14
ADMPMJ-12-12	3/4"X14	1.1/16"X12
ADMPMJ-12-16	3/4"X14	1.5/16"X12
ADMPMJ-16-08	1"X11.5	3/4"X16
ADMPMJ-16-10	1"X11.5	7/8"X14
ADMPMJ-16-12	1"X11.5	1.1/16"X12
ADMPMJ-16-16	1"X11.5	1.5/16"X12
ADMPMJ-16-20	1"X11.5	1.5/8"X12
ADMPMJ-20-16	1.1/4"X11.5	1.5/16"X12
ADMPMJ-20-20	1.1/4"X11.5	1.5/8"X12
ADMPMJ-20-24	1.1/4"X11.5	1.7/8"X12
ADMPMJ-24-20	1.1/2"X11.5	1.5/8"X12
ADMPMJ-24-24	1.1/2"X11.5	1.7/8"X12
ADMPMJ-24-32	1.1/2"X11.5	2.1/2"X12
ADMPMJ-32-24	2"X11.5	1.7/8"X12
ADMPMJ-32-32	2"X11.5	2.1/2"X12

Comagran
AJUDANDO A PRODUZIR

AD45MPMJ

ADAPTADOR CURVA 45°
MACHO NPT X MACHO JIC 37°

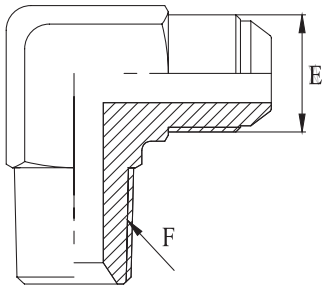


CÓDIGO	ROSCA	
	F	E
AD45MPMJ-02-04	1/8"X27	7/16"X20
AD45MPMJ-04-04	1/4"X18	7/16"X20
AD45MPMJ-04-05	1/4"X18	1/2"X20
AD45MPMJ-04-06	1/4"X18	7/16"X20
AD45MPMJ-06-04	3/8"X18	1/2"X20
AD45MPMJ-06-06	3/8"X18	9/16"X18
AD45MPMJ-06-08	3/8"X18	3/4"X16
AD45MPMJ-08-06	1/2"X14	9/16"X18
AD45MPMJ-08-08	1/2"X14	3/4"X16
AD45MPMJ-08-10	1/2"X14	7/8"X14
AD45MPMJ-12-08	3/4"X14	3/4"X16
AD45MPMJ-12-12	3/4"X14	1.1/16"X12
AD45MPMJ-16-16	1"X11.5	1.5/16"X12
AD45MPMJ-20-20	1.1/4"X11.5	1.5/8"X12
AD45MPMJ-24-24	1.1/2"X11.5	1.7/8"X12

Comagran
AJUDANDO A PRODUZIR

AD90MPMJ

ADAPTADOR CURVA 90°
MACHO NPT X MACHO JIC 37°

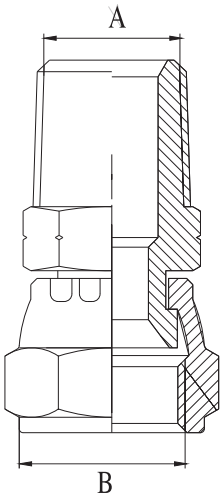


CÓDIGO	ROSCA	
	F	E
AD90MPMJ-02-04	1/8"X27	7/16"X20
AD90MPMJ-02-06	1/8"X27	9/16"X18
AD90MPMJ-04-04	1/4"X18	7/16"X20
AD90MPMJ-04-05	1/4"X18	1/2"X20
AD90MPMJ-04-06	1/4"X18	9/16"X18
AD90MPMJ-04-08	1/4"X18	3/4"X16
AD90MPMJ-06-04	3/8"X18	7/16"X20
AD90MPMJ-06-05	3/8"X18	1/2"X20
AD90MPMJ-06-06	3/8"X18	9/16"X18
AD90MPMJ-06-08	3/8"X18	3/4"X16
AD90MPMJ-08-06	1/2"X14	9/16"X18
AD90MPMJ-08-08	1/2"X14	3/4"X16
AD90MPMJ-08-10	1/2"X14	7/8"X14
AD90MPMJ-08-12	1/2"X14	1.1/16"X12
AD90MPMJ-12-08	3/4"X14	3/4"X16
AD90MPMJ-12-10	3/4"X14	7/8"X14
AD90MPMJ-12-12	3/4"X14	1.1/16"X12
AD90MPMJ-12-16	3/4"X14	1.5/16"X12
AD90MPMJ-16-12	1"X11.5	1.1/16"X12
AD90MPMJ-16-16	1"X11.5	1.5/16"X12
AD90MPMJ-20-20	1.1/4"X11.5	1.5/8"X12
AD90MPMJ-24-24	1.1/2"X11.5	1.7/8"X12
AD90MPMJ-32-32	2"X11.5	2.1/2"X12

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AJUDANDO A PRODUZIR

ADMPFJ

ADAPTADOR RETO MACHO NPT X FÊMEA JIC 37°



CÓDIGO	ROSCA	
	A	B
ADMPFJ-02-04	1/8"X27	7/16"X20
ADMPFJ-02-05	1/8"X27	1/2"X20
ADMPFJ-04-04	1/4"X18	7/16"X20
ADMPFJ-04-05	1/4"X18	1/2"X20
ADMPFJ-04-06	1/4"X18	9/16"X18
ADMPFJ-04-08	1/4"X18	3/4"X16
ADMPFJ-06-06	3/8"X18	9/16"X18
ADMPFJ-06-08	3/8"X18	3/4"X16
ADMPFJ-06-10	3/8"X18	7/8"X14
ADMPFJ-08-06	1/2"X14	9/16"X18
ADMPFJ-08-08	1/2"X14	3/4"X16
ADMPFJ-08-10	1/2"X14	7/8"X14
ADMPFJ-08-12	1/2"X14	1.1/16"X12
ADMPFJ-12-08	3/4"X14	3/4"X16
ADMPFJ-12-10	3/4"X14	7/8"X14
ADMPFJ-12-12	3/4"X14	1.1/16"X12
ADMPFJ-12-16	3/4"X14	1.5/16"X12
ADMPFJ-16-12	1"X11.5	1.1/16"X12
ADMPFJ-16-16	1"X11.5	1.5/16"X12
ADMPFJ-16-20	1"X11.5	1.5/8"X12
ADMPFJ-20-20	1.1/4"X11.5	1.5/8"X12
ADMPFJ-20-24	1.1/4"X11.5	1.7/8"X12
ADMPFJ-24-20	1.1/2"X11.5	1.5/8"X12
ADMPFJ-24-24	1.1/2"X11.5	1.7/8"X12

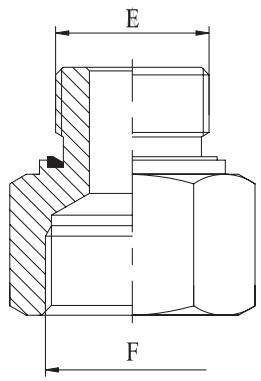
Comagran

AJUDANDO A PRODUZIR

ADMBFB

ADAPTADOR RETO MACHO BSP X FÊMEA BSP

COM O'RING

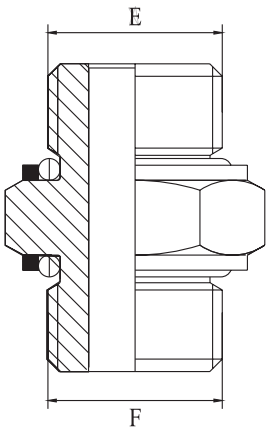


CÓDIGO	ROSCA	
	E	F
ADMBFB-02-04	1/8"X28	1/4"X19
ADMBFB-02-06	1/8"X28	3/8"X19
ADMBFB-04-02	1/4"X19	1/8"X28
ADMBFB-04-04	1/4"X19	1/4"X19
ADMBFB-04-06	1/4"X19	3/8"X19
ADMBFB-04-08	1/4"X19	1/2"X14
ADMBFB-04-12	1/4"X19	3/4"X14
ADMBFB-06-02	3/8"X19	1/8"X28
ADMBFB-06-04	3/8"X19	1/4"X19
ADMBFB-06-08	3/8"X19	1/2"X14
ADMBFB-06-12	3/8"X19	3/4"X14
ADMBFB-08-06	1/2"X14	3/8"X19
ADMBFB-08-02	1/2"X14	1/8"X28
ADMBFB-08-04	1/2"X14	1/4"X19
ADMBFB-08-08	1/2"X14	1/2"X14
ADMBFB-08-12	1/2"X14	3/4"X14
ADMBFB-08-16	1/2"X14	1"X11
ADMBFB-08-20	1/2"X14	1.1/4"X11
ADMBFB-12-04	3/4"X14	1/4"X19
ADMBFB-12-06	3/4"X14	3/8"X19
ADMBFB-12-08	3/4"X14	1/2"X14
ADMBFB-12-16	3/4"X14	1"X11
ADMBFB-12-20	3/4"X14	1.1/4"X11
ADMBFB-12-24	3/4"X14	1.1/2"X11
ADMBFB-16-04	1"X11	1/4"X19
ADMBFB-16-06	1"X11	3/8"X19
ADMBFB-16-08	1"X11	1/2"X14
ADMBFB-16-12	1"X11	3/4"X14
ADMBFB-16-16	1"X11	1"X11
ADMBFB-16-20	1"X11	1.1/4"X11
ADMBFB-16-24	1"X11	1.1/2"X11
ADMBFB-20-16	1.1/4"X11	1"X11
ADMBFB-20-08	1.1/4"X11	1/2"X14
ADMBFB-20-12	1.1/4"X11	3/4"X14
ADMBFB-20-24	1.1/4"X11	1.1/4"X11
ADMBFB-24-08	1.1/2"X11	1/2"X14
ADMBFB-24-12	1.1/2"X11	3/4"X14
ADMBFB-24-16	1.1/2"X11	1"X11
ADMBFB-24-20	1.1/2"X11	1.1/4"X11
ADMBFB-24-32	1.1/2"X11	2"X11

Comagran
AJUDANDO A PRODUZIR

ADMBMB

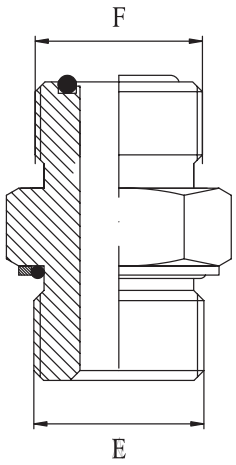
ADAPTADOR RETO
MACHO BSP X MACHO BSP
COM O'RING



CÓDIGO	ROSCA	
	E	F
ADMBMB-02-02	1/8”X28	1/8”X28
ADMBMB-04-04	1/4”X19	1/4”X19
ADMBMB-06-06	3/8”X19	3/8”X19
ADMBMB-08-08	1/2"X14	1/2"X14
ADMBMB-12-12	3/4”X14	3/4”X14
ADMBMB-16-16	1”X11	1”X11
ADMBMB-20-20	1.1/4”X11	1.1/4”X11
ADMBMB-24-24	1.1/2”X11	1.1/2”X11

ADMBMSP

ADAPTADOR RETO
MACHO BSP X MACHO ORFS
COM O'RING



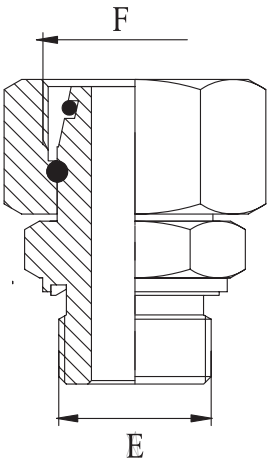
CÓDIGO	ROSCA	
	E	F
ADMBMSP-02-04	1/8"X28	9/16"X18
ADMBMSP-04-06	1/4"X19	11/16"X16
ADMBMSP-06-06	3/8"X19	11/16"X16
ADMBMSP-06-08	3/8"X19	13/16"X16
ADMBMSP-08-08	1/2"X14	13/16"X16
ADMBMSP-08-10	1/2"X14	1"X14
ADMBMSP-10-10	5/8"X14	1"X14
ADMBMSP-12-12	3/4"X14	1.3/16"X12
ADMBMSP-16-16	1"X11	1.7/16"X12
ADMBMSP-20-20	1.1/4"X11	1.11/16"X12
ADMBMSP-24-24	1.1/2"X11	2"X12
ADMBMSP-04-04	1/4"X19	9/16"X18
ADMBMSP-06-04	3/8"X19	9/16"X18
ADMBMSP-08-04	1/2"X14	9/16"X18
ADMBMSP-04-12	1/4"X19	1.3/16"X12
ADMBMSP-08-12	1/2"X14	1.3/16"X12
ADMBMSP-04-10	1/4"X19	1"X14
ADMBMSP-06-10	3/8"X19	1"X14
ADMBMSP-12-06	3/4"X14	11/16"X16
ADMBMSP-12-08	3/4"X14	13/16"X16
ADMBMSP-12-10	3/4"X14	1"X14
ADMBMSP-16-10	1"X11	1"X14
ADMBMSP-16-12	1"X11	1.3/16"X12
ADMBMSP-20-12	1.1/4"X11	1.3/16"X12
ADMBMSP-12-16	3/4"X14	1.7/16"X12
ADMBMSP-20-16	1.1/4"X11	1.7/16"X12
ADMBMSP-24-16	1.1/2"X11	1.7/16"X12
ADMBMSP-16-20	1"X11	1.11/16"X12
ADMBMSP-24-20	1.1/2"X11	1.11/16"X12

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AJUDANDO A PRODUZIR

ADMBFSP

ADAPTADOR RETO MACHO BSP X FÊMEA ORFS

COM O'RING

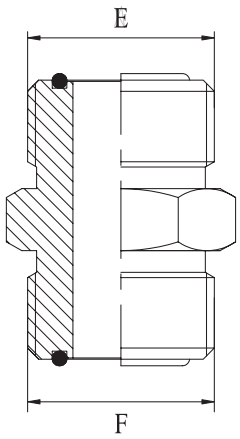


CÓDIGO	ROSCA	
	E	F
ADMBFSP-02-04	1/8"X28	9/16"X18
ADMBFSP-04-06	1/4"X19	9/16"X18
ADMBFSP-06-08	1/4"X19	11/16"X16
ADMBFSP-08-10	3/8"X19	11/16"X16
ADMBFSP-12-12	3/8"X19	13/16"X16
ADMBFSP-16-16	1/2"X14	13/16"X16
ADMBFSP-20-20	1/2"X14	1"X14
ADMBFSP-24-24	3/4"X14	1.3/16"X12
ADMBFSP-04-04	1"X11	1.7/16"X12
ADMBFSP-06-06	1.1/4"X11	1.3/16"X12
ADMBFSP-08-08	1.1/4"X11	1.11/16"X12
ADMBFSP-20-12	1.1/2"X11	2"X12

ADMSPMSP

ADAPTADOR RETO MACHO ORFS X MACHO ORFS

SEDE PLANA

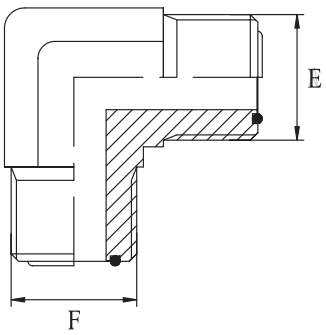


CÓDIGO	ROSCA	
	E	F
ADMSPMSP-04-04	9/16"X18	9/16"X18
ADMSPMSP-06-04	11/16"X16	9/16"X18
ADMSPMSP-06-06	11/16"X16	11/16"X16
ADMSPMSP-08-06	13/16"X16	11/16"X16
ADMSPMSP-08-08	13/16"X16	13/16"X16
ADMSPMSP-10-08	1"X14	13/16"X16
ADMSPMSP-10-10	1"X14	1"X14
ADMSPMSP-12-06	1.3/16"X12	11/16"X16
ADMSPMSP-12-08	1.3/16"X12	13/16"X16
ADMSPMSP-12-10	1.3/16"X12	1"X14
ADMSPMSP-12-12	1.3/16"X12	1.3/16"X12
ADMSPMSP-16-12	1.7/16"X12	1.3/16"X12
ADMSPMSP-16-16	1.7/16"X12	1.7/16"X12
ADMSPMSP-20-16	1.11/16"X12	1.7/16"X12
ADMSPMSP-20-20	1.11/16"X12	1.11/16"X12
ADMSPMSP-24-24	2"X12	2"X12

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AJUDANDO A PRODUZIR

AD90MSPMSP

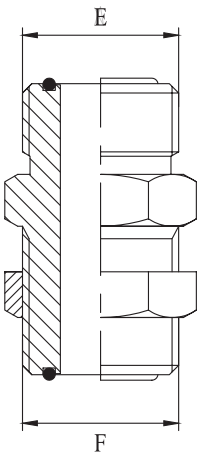
ADAPTADOR CURVA 90°
MACHO ORFS X MACHO ORFS
SEDE PLANA



CÓDIGO	ROSCA E	ROSCA F
AD90MSPMSP-04-04	9/16"X18	9/16"X18
AD90MSPMSP-06-04	11/16"X16	9/16"X18
AD90MSPMSP-06-06	11/16"X16	11/16"X16
AD90MSPMSP-08-06	13/16"X16	11/16"X16
AD90MSPMSP-08-08	13/16"X16	13/16"X16
AD90MSPMSP-10-08	1"X14	13/16"X16
AD90MSPMSP-10-10	1"X14	1"X14
AD90MSPMSP-12-06	1.3/16"X12	11/16"X16
AD90MSPMSP-12-08	1.3/16"X12	13/16"X16
AD90MSPMSP-12-10	1.3/16"X12	1"X14
AD90MSPMSP-12-12	1.3/16"X12	1.3/16"X12
AD90MSPMSP-12-16	1.3/16"X12	1.7/16"X12
AD90MSPMSP-16-10	1.7/16"X12	1"X14
AD90MSPMSP-16-16	1.7/16"X12	1.7/16"X12
AD90MSPMSP-20-16	1.11/16"X12	1.7/16"X12
AD90MSPMSP-20-20	1.11/16"X12	1.11/16"X12
AD90MSPMSP-24-24	2"X12	2"X12

ADMSPMSPL

ADAPTADOR RETO
MACHO ORFS X MACHO ORFS
PAINEL / LONGO

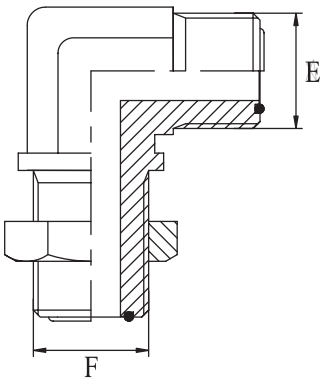


CÓDIGO	ROSCA E	ROSCA F
ADMSPMSPL-04-04	9/16"X18	9/16"X18
ADMSPMSPL-06-06	11/16"X16	11/16"X16
ADMSPMSPL-08-08	13/16"X16	13/16"X16
ADMSPMSPL-10-10	1"X14	1"X14
ADMSPMSPL-12-12	1.3/16"X12	1.3/16"X12
ADMSPMSPL-16-16	1.7/16"X12	1.7/16"X12
ADMSPMSPL-20-20	1.11/16"X12	1.11/16"X12
ADMSPMSPL-24-24	2"X12	2"X12

AD90MSPMSPL

ADAPTADOR CURVA 90º
MACHO ORFS X MACHO ORFS

PAINEL / LONGO - COM PORCA ORIENT VEL

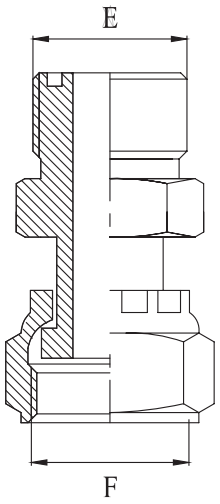


CÓDIGO	ROSCA	
	E	F
AD90MSPMSPL-04-04	9/16"X18	9/16"X18
AD90MSPMSPL-06-06	11/16"X16	11/16"X16
AD90MSPMSPL-08-08	13/16"X16	13/16"X16
AD90MSPMSPL-10-10	1"X14	1"X14
AD90MSPMSPL-12-12	1.3/16"X12	1.3/16"X12
AD90MSPMSPL-16-16	1.7/16"X12	1.7/16"X12
AD90MSPMSPL-20-20	1.11/16"X12	1.11/16"X12
AD90MSPMSPL-24-24	2"X12	2"X12

ADMSPFSP

ADAPTADOR RETO
MACHO ORFS X FÊMEA ORFS

SEDE PLANA



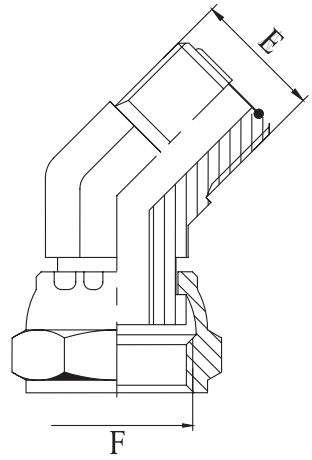
CÓDIGO	ROSCA	
	E	F
ADMSPFSP-04-04	9/16"X18	9/16"X18
ADMSPFSP-04-06	9/16"X18	11/16"X16
ADMSPFSP-04-08	9/16"X18	13/16"X16
ADMSPFSP-06-04	11/16"X16	9/16"X18
ADMSPFSP-06-06	11/16"X16	11/16"X16
ADMSPFSP-06-08	11/16"X16	13/16"X16
ADMSPFSP-06-10	11/16"X16	1"X14
ADMSPFSP-08-06	13/16"X16	11/16"X16
ADMSPFSP-08-08	13/16"X16	13/16"X16
ADMSPFSP-08-10	13/16"X16	1"X14
ADMSPFSP-08-12	13/16"X16	1.3/16"X12
ADMSPFSP-10-08	1"X14	13/16"X16
ADMSPFSP-10-10	1"X14	1"X14
ADMSPFSP-10-12	1"X14	1.3/16"X12
ADMSPFSP-10-16	1"X14	1.7/16"X12
ADMSPFSP-12-08	1.3/16"X12	13/16"X16
ADMSPFSP-12-10	1.3/16"X12	1"X14
ADMSPFSP-12-12	1.3/16"X12	1.3/16"X12
ADMSPFSP-12-16	1.3/16"X12	1.7/16"X12
ADMSPFSP-16-12	1.7/16"X12	1.3/16"X12
ADMSPFSP-16-16	1.7/16"X12	1.7/16"X12
ADMSPFSP-16-20	1.7/16"X12	1.11/16"X12
ADMSPFSP-20-16	1.11/16"X12	1.7/16"X12
ADMSPFSP-20-20	1.11/16"X12	1.11/16"X12

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AJUDANDO A PRODUZIR

AD45MSPFSP

ADAPTADOR CURVA 45° MACHO ORFS X FÊMEA ORFS

SEDE PLANA

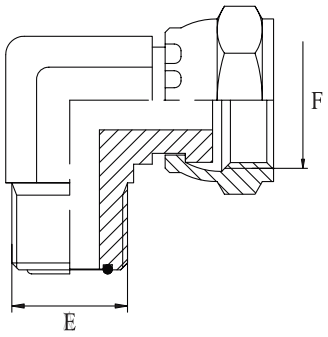


CÓDIGO	ROSCA E	ROSCA F
AD45MSPFSP-04-04	9/16"X18	9/16"X18
AD45MSPFSP-06-06	11/16"X16	11/16"X16
AD45MSPFSP-08-08	13/16"X16	13/16"X16
AD45MSPFSP-10-10	1"X14	1"X14
AD45MSPFSP-12-12	1.3/16"X12	1.3/16"X12
AD45MSPFSP-16-16	1.7/16"X12	1.7/16"X12
AD45MSPFSP-20-20	1.11/16"X12	1.11/16"X12
AD45MSPFSP-24-24	2"X12	2"X12

AD90MSPFSP

ADAPTADOR CURVA 90° MACHO ORFS X FÊMEA ORFS

SEDE PLANA

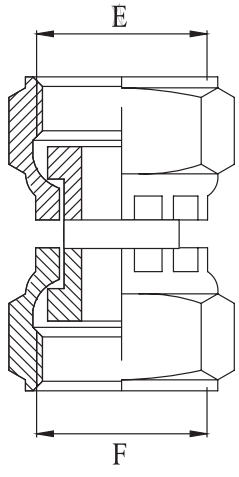


CÓDIGO	ROSCA E	ROSCA F
AD90MSPFSP-04-04	9/16"X18	9/16"X18
AD90MSPFSP-06-06	11/16"X16	11/16"X16
AD90MSPFSP-08-08	13/16"X16	13/16"X16
AD90MSPFSP-10-10	1"X14	1"X14
AD90MSPFSP-12-12	1.3/16"X12	1.3/16"X12
AD90MSPFSP-16-16	1.7/16"X12	1.7/16"X12
AD90MSPFSP-20-20	1.11/16"X12	1.11/16"X12
AD90MSPFSP-24-24	2"X12	2"X12

ADFSPFSP

ADAPTADOR RETO FÊMEA ORFS X FÊMEA ORFS

SEDE PLANA



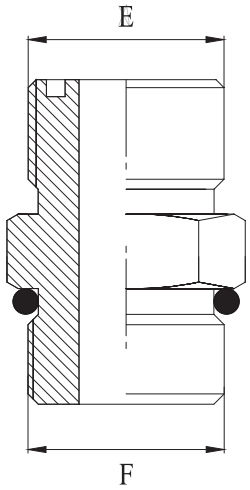
CÓDIGO	ROSCA E	ROSCA F
ADFSPFSP-04-04	9/16"X18	9/16"X18
ADFSPFSP-06-06	11/16"X16	11/16"X16
ADFSPFSP-08-08	13/16"X16	13/16"X16
ADFSPFSP-10-10	1"X14	1"X14
ADFSPFSP-12-12	1.3/16"X12	1.3/16"X12
ADFSPFSP-16-16	1.7/16"X12	1.7/16"X12
ADFSPFSP-20-20	1.11/16"X12	1.11/16"X12
ADFSPFSP-24-24	2"X12	2"X12

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AJUDANDO A PRODUZIR

ADMSPMO

ADAPTADOR RETO MACHO ORFS X MACHO UNF

COM O'RING

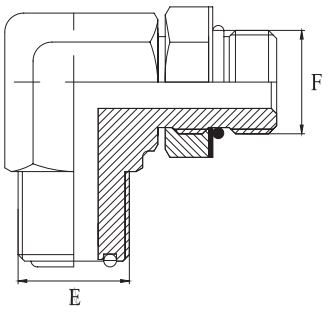


CÓDIGO	ROSCA	
	E	F
ADMSPMO-04-04	9/16”X18	7/16”X2
ADMSPMO-06-06	11/16”X16	9/16”X18
ADMSPMO-06-08	11/16”X16	3/4”X16
ADMSPMO-06-10	11/16”X16	7/8”X14
ADMSPMO-08-06	13/16”X16	9/16”X18
ADMSPMO-08-08	13/16”X16	3/4”X16
ADMSPMO-08-10	13/16”X16	7/8”X14
ADMSPMO-08-12	13/16”X16	1.1/16”X12
ADMSPMO-10-08	1”X14	3/4”X16
ADMSPMO-10-10	1”X14	7/8”X14
ADMSPMO-10-12	1”X14	1.1/16”X12
ADMSPMO-12-10	1.3/16”X12	7/8”X14
ADMSPMO-12-12	1.3/16”X12	1.1/16”X12
ADMSPMO-12-16	1.3/16”X12	1.5/16”X12
ADMSPMO-16-12	1.7/16”X12	1.1/16”X12
ADMSPMO-16-16	1.7/16”X12	1.5/16”X12
ADMSPMO-16-20	1.7/16”X12	1.5/8”X12
ADMSPMO-20-16	1.11/16”X12	1.5/16”X12
ADMSPMO-20-20	1.11/16”X12	1.5/8”X12

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AJUDANDO A PRODUZIR

AD90MSPMO

ADAPTADOR CURVA 90°
MACHO ORFS X MACHO UNF ORIENTÁVEL
COM O'RING

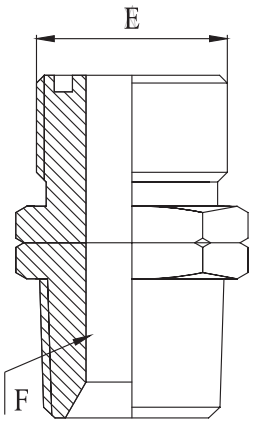


CÓDIGO	ROSCA	
	E	F
AD90MSPMO-04-04	9/16"X18	7/16"X20
AD90MSPMO-04-05	9/16"X18	1/2"X20
AD90MSPMO-04-06	9/16"X18	9/16"X18
AD90MSPMO-04-08	9/16"X18	3/4"X16
AD90MSPMO-06-04	11/16"X16	7/16"X20
AD90MSPMO-06-06	11/16"X16	9/16"X18
AD90MSPMO-06-08	11/16"X16	3/4"X16
AD90MSPMO-06-10	11/16"X16	7/8"X14
AD90MSPMO-08-06	13/16"X16	9/16"X18
AD90MSPMO-08-08	13/16"X16	3/4"X16
AD90MSPMO-08-10	13/16"X16	7/8"X14
AD90MSPMO-08-12	13/16"X16	1.1/16"X12
AD90MSPMO-10-08	1"X14	3/4"X16
AD90MSPMO-10-10	1"X14	7/8"X14
AD90MSPMO-10-12	1"X14	1.1/16"X12
AD90MSPMO-12-10	1.3/16"X12	7/8"X14
AD90MSPMO-12-12	1.3/16"X12	1.1/16"X12
AD90MSPMO-16-12	1.7/16"X12	1.1/16"X12
AD90MSPMO-16-16	1.7/16"X12	1.5/16"X12

Comagran
AJUDANDO A PRODUZIR

ADMSPMP

ADAPTADOR RETO MACHO ORFS X MACHO NPT



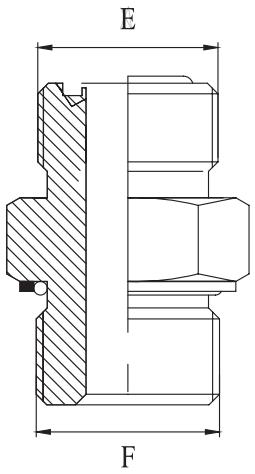
CÓDIGO	ROSCA	
	E	F
ADMSPMP-04-02	9/16”X18	1/8”X27
ADMSPMP-04-04	9/16”X18	1/4”X18
ADMSPMP-04-06	9/16”X18	3/8”X18
ADMSPMP-04-06	11/16”X16	3/8”X18
ADMSPMP-06-04	11/16"X16	1/4"X18
ADMSPMP-06-06	11/16”X16	3/8”X18
ADMSPMP-06-08	11/16”X16	1/2”X14
ADMSPMP-08-04	13/16”X16	1/4”X18
ADMSPMP-08-06	13/16”X16	3/8”X18
ADMSPMP-08-08	13/16”X16	1/2”X14
ADMSPMP-08-12	13/16”X16	3/4”X14
ADMSPMP-10-08	1”X14	1/2”X14
ADMSPMP-10-12	1”X14	3/4”X14
ADMSPMP-12-08	1.3/16”X12	1/2”X14
ADMSPMP-12-12	1.3/16”X12	3/4”X14
ADMSPMP-12-16	1.3/16”X12	1”X11.5
ADMSPMP-16-12	1.7/16”X12	3/4”X14
ADMSPMP-16-16	1.7/16”X12	1”X11.5
ADMSPMP-16-20	1.7/16”X12	1.1/4”X11.5
ADMSPMP-20-16	1.11/16”X12	1”X11.5
ADMSPMP-20-20	1.11/16”X12	1.1/4”X11.5
ADMSPMP-20-24	1.11/16”X12	1.1/2”X11.5

Comagran
AJUDANDO A PRODUZIR

ADMSPMB

ADAPTADOR RETO MACHO ORFS X MACHO BSP

COM O'RING

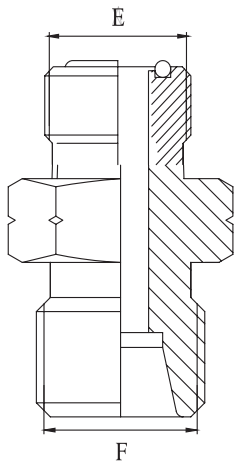


CÓDIGO	ROSCA	
	E	F
ADMSPMB-04-04	9/16"X18	1/4"X19
ADMSPMB-04-02	9/16"X18	1/8"X28
ADMSPMB-04-06	9/16"X18	3/8"X19
ADMSPMB-06-06	11/16"X16	3/8"X19
ADMSPMB-06-04	11/16"X16	1/4"X19
ADMSPMB-06-08	11/16"X16	1/2"X14
ADMSPMB-08-08	13/16"X16	1/2"X14
ADMSPMB-08-06	13/16"X16	3/8"X19
ADMSPMB-08-12	13/16"X16	3/4"X14
ADMSPMB-10-08	1"X14	1/2"X14
ADMSPMB-10-12	1"X14	3/4"X14
ADMSPMB-12-12	1.3/16"X12	3/4"X14
ADMSPMB-12-08	1.3/16"X12	1/2"X14
ADMSPMB-12-16	1.3/16"X12	1"X11
ADMSPMB-16-16	1.7/16"X12	1"X11
ADMSPMB-16-12	1.7/16"X12	3/4"X14
ADMSPMB-20-16	1.11/16"X12	1"X11
ADMSPMB-20-20	1.11/16"X12	1.1/4"X11

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AJUDANDO A PRODUZIR

ADMSPMM

ADAPTADOR RETO
MACHO ORFS X MACHO MÉTRICO

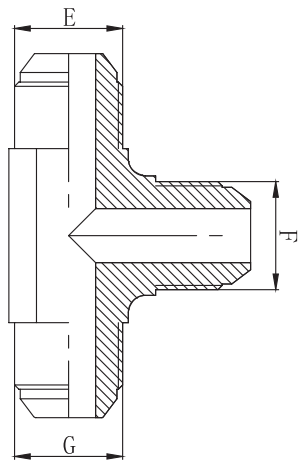


CÓDIGO	ROSCA	
	E	F
ADMSPMM-04-12	9/16"X18	M12X1.5
ADMSPMM-06-14	11/16"X16	M14X1.5
ADMSPMM-08-18	13/16"X16	M18X1.5
ADMSPMM-10-22	1"X14	M22X1.5
ADMSPMM-12-27	1.3/16"X12	M27X2
ADMSPMM-16-33	1.7/16"X12	M33X2
ADMSPMM-20-42	1.11/16"X12	M42X2
ADMSPMM-24-48	2"X12	M48X2
ADMSPMM-04-10	9/16"X18	M10X1.5
ADMSPMM-04-14	9/16"X18	M14X1.5
ADMSPMM-06-12	11/16"X16	M12X1.5
ADMSPMM-06-16	11/16"X16	M16X1.5
ADMSPMM-06-18	11/16"X16	M18X1.5
ADMSPMM-08-14	13/16"X16	M14X1.5
ADMSPMM-08-16	13/16"X16	M16X1.5
ADMSPMM-08-22	13/16"X16	M22X1.5
ADMSPMM-10-18	1"X14	M18X1.5
ADMSPMM-10-27	1"X14	M27X2
ADMSPMM-12-22	1.3/16"X12	M22X1.5
ADMSPMM-12-33	1.3/16"X12	M33X2
ADMSPMM-16-27	1.7/16"X12	M27X2
ADMSPMM-16-42	1.7/16"X12	M42X2
ADMSPMM-20-33	1.11/16"X12	M33X2
ADMSPMM-20-48	1.11/16"X12	M48X2

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AJUDANDO A PRODUZIR

ADTEEMJ

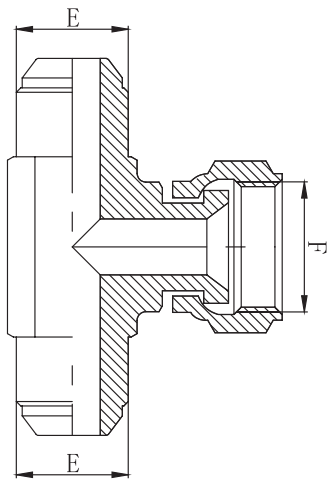
ADAPTADOR TEE MACHO JIC 37°



CÓDIGO	ROSCA		
	E	F	G
ADTEEMJ-04	7/16”X20	7/16”X20	7/16”X20
ADTEEMJ-04-06-04	7/16”X20	9/16”X18	7/16”X20
ADTEEMJ-05	1/2”X20	1/2”X20	1/2”X20
ADTEEMJ-06	9/16”X18	9/16”X18	9/16”X18
ADTEEMJ-06-04-06	9/16”X18	7/16”X20	9/16”X18
ADTEEMJ-08	3/4”X16	3/4”X16	3/4”X16
ADTEEMJ-08-06-08	3/4”X16	9/16”X18	3/4”X16
ADTEEMJ-10	7/8”X14	7/8”X14	7/8”X14
ADTEEMJ-12	1.1/16”X12	1.1/16”X12	1.1/16”X12
ADTEEMJ-16	1.5/16”X12	1.5/16”X12	1.5/16”X12
ADTEEMJ-16-12-16	1.5/16”X12	1.1/16”X12	1.5/16”X12
ADTEEMJ-20	1.5/8”X12	1.5/8”X12	1.5/8”X12

ADTEEMJFJC

ADAPTADOR TEE MACHO JIC 37° X FÊMEA JIC 37° CENTRAL

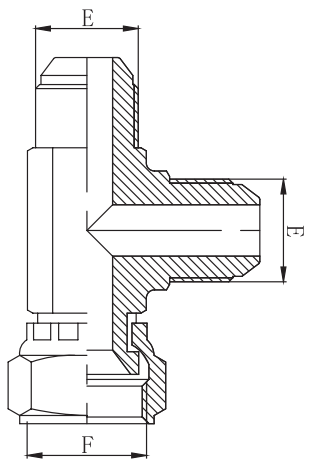


CÓDIGO	ROSCA		
	E	F	E
ADTEEMJFJC-04	7/16”X20	7/16”X20	7/16”X20
ADTEEMJFJC-05	1/2”X20	1/2”X20	1/2”X20
ADTEEMJFJC-06	9/16”X18	9/16”X18	9/16”X18
ADTEEMJFJC-08	3/4”X16	3/4”X16	3/4”X16
ADTEEMJFJC-10	7/8”X14	7/8”X14	7/8”X14
ADTEEMJFJC-12	1.1/16”X12	1.1/16”X12	1.1/16”X12
ADTEEMJFJC-16	1.5/16”X12	1.5/16”X12	1.5/16”X12
ADTEEMJFJC-20	1.5/8”X12	1.5/8”X12	1.5/8”X12

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AJUDANDO A PRODUZIR

ADTEEMJFJL

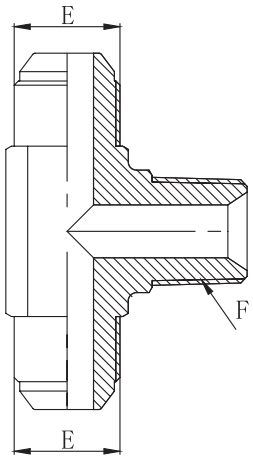
ADAPTADOR TEE
MACHO JIC 37° X FÊMEA JIC 37° LATERAL



CÓDIGO	ROSCA	
	E	F
ADTEEMJFJL-04	7/16”X20	7/16”X20
ADTEEMJFJL-05	1/2”X20	1/2”X20
ADTEEMJFJL-06	9/16”X18	9/16”X18
ADTEEMJFJL-08	3/4”X16	3/4”X16
ADTEEMJFJL-10	7/8”X14	7/8”X14
ADTEEMJFJL-12	1.1/16”X12	1.1/16”X12
ADTEEMJFJL-16	1.5/16”X12	1.5/16”X12
ADTEEMJFJL-20	1.5/8”X12	1.5/8”X12

ADTEEMJMPC

ADAPTADOR TEE
MACHO JIC 37° X MACHO NPT CENTRAL

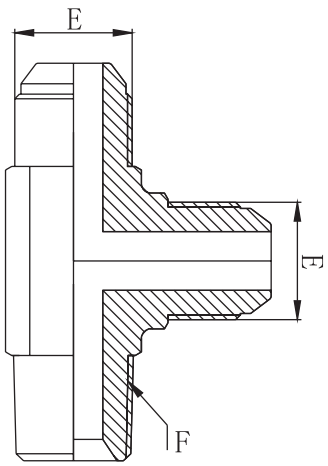


CÓDIGO	ROSCA		
	E	F	E
ADTEEMJMPC-04	7/16”X20	1/4”X18	7/16”X20
ADTEEMJMPC-04-02-04	7/16”X20	1/8”X27	7/16”X20
ADTEEMJMPC-05-02-05	1/2”X20	1/8”X27	1/2”X20
ADTEEMJMPC-05-04-05	1/2”X20	1/4”X18	1/2”X20
ADTEEMJMPC-06	9/16”X18	3/8”X18	9/16”X18
ADTEEMJMPC-06-04-06	9/16”X18	1/4”X18	9/16”X18
ADTEEMJMPC-08	3/4”X16	1/2”X14	3/4”X16
ADTEEMJMPC-08-06-08	3/4”X16	3/8”X18	3/4”X16
ADTEEMJMPC-10-08-10	7/8”X14	1/2”X14	7/8”X14
ADTEEMJMPC-10-12-10	7/8”X14	3/4”X14	7/8”X14
ADTEEMJMPC-12-16-20	1.1/16"X12	1"X11.5	1.1/16"X12
ADTEEMJMPC-12	1.1/16”X12	3/4”X14	1.1/16”X12
ADTEEMJMPC-16	1.5/16”X12	1”X11.5	1.5/16”X12
ADTEEMJMPC-20	1.5/8”X12	1.1/4”X11.5	1.5/8”X12

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AJUDANDO A PRODUZIR

ADTEEMJMPL

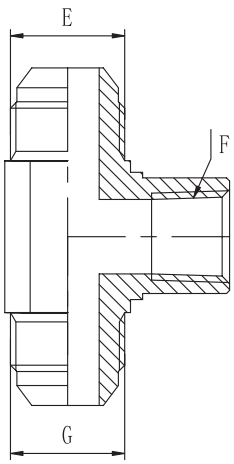
ADAPTADOR TEE
MACHO JIC 37° X MACHO NPT LATERAL



CÓDIGO	ROSCA	
	E	F
ADTEEMJMPL-04	7/16”X20	1/4”X18
ADTEEMJMPL-04-04-02	7/16”X20	1/8”X27
ADTEEMJMPL-05-05-02	1/2”X20	1/8”X27
ADTEEMJMPL-05-05-04	1/2”X20	1/4”X18
ADTEEMJMPL-06	9/16”X18	3/8”X18
ADTEEMJMPL-06-06-04	9/16”X18	1/4”X18
ADTEEMJMPL-08	3/4”X16	1/2”X14
ADTEEMJMPL-08-08-06	3/4”X16	3/8”X18
ADTEEMJMPL-10-10-08	7/8”X14	1/2”X14
ADTEEMJMPL-10-10-12	7/8”X14	3/4”X14
ADTEEMJMPL-12	1.1/16”X12	3/4”X14
ADTEEMJMPL-16	1.5/16”X12	1”X11.5
ADTEEMJMPL-20	1.5/8”X12	1.1/4”X11.5

ADTEEMJFFC

ADAPTADOR TEE
MACHO JIC 37° X FÊMEA FIXA CENTRAL



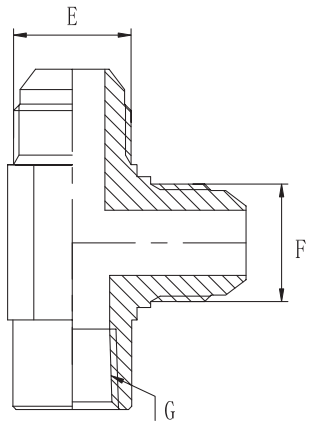
CÓDIGO	ROSCA		
	E	F	G
ADTEEMJFFC-04-02-04	7/16”X20	1/8”X18	7/16”X20
ADTEEMJFFC-04-04-04	7/16”X20	1/4”X18	7/16”X20
ADTEEMJFFC-05-02-05	1/2”X20	1/8”X27	1/2”X20
ADTEEMJFFC-05-04-05	1/2”X20	1/4”X18	1/2”X20
ADTEEMJFFC-06-02-06	9/16”X18	1/8”X18	9/16”X18
ADTEEMJFFC-06-04-06	9/16”X18	1/4”X18	9/16”X18
ADTEEMJFFC-06-06-06	9/16”X18	3/8”X18	9/16”X18
ADTEEMJFFC-08-04-08	3/4”X16	1/4”X18	3/4”X16
ADTEEMJFFC-08-06-08	3/4”X16	3/8”X18	3/4”X16
ADTEEMJFFC-08-08-08	3/4”X16	1/2"X14	3/4”X16
ADTEEMJFFC-10-08-10	7/8"X14	1/2"X14	7/8"X14
ADTEEMJFFC-12-12-12	1.1/16”X12	3/4”X14	1.1/16”X12
ADTEEMJFFC-16-16-16	1.5/16”X12	1”X11.5	1.5/16”X12
ADTEEMJFFC-20-20-20	1.5/8”X12	1.1/4”X11.5	1.5/8”X12
ADTEEMJFFC-24-24-24	1.7/8”X12	1.1/2”X11.5	1.7/8”X12

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AJUDANDO A PRODUZIR

ADTEEMJFFL

ADAPTADOR TEE
MACHO JIC 37° X FÊMEA FIXA LATERAL

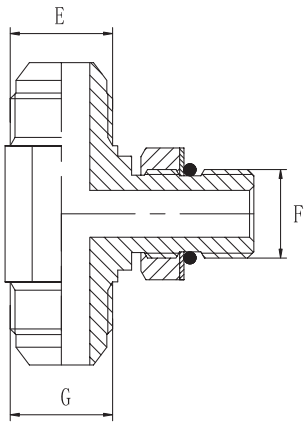


CÓDIGO	ROSCA	
	E	G
ADTEEMJFFL-04-04-02	7/16”X20	1/8”X18
ADTEEMJFFL-04-04-04	7/16”X20	1/4”X18
ADTEEMJFFL-04-04-06	7/16”X20	3/8”X18
ADTEEMJFFL-05-05-02	1/2"X20	1/8”X18
ADTEEMJFFL-05-05-04	1/2"X20	1/4”X18
ADTEEMJFFL-06-06-02	9/16"X18	1/8”X18
ADTEEMJFFL-06-06-04	9/16"X18	1/4”X18
ADTEEMJFFL-06-06-06	9/16"X18	3/8”X18
ADTEEMJFFL-06-06-08	9/16"X18	1/2"X14
ADTEEMJFFL-08-08-04	3/4”X16	1/4”X18
ADTEEMJFFL-08-08-06	3/4”X16	3/8”X18
ADTEEMJFFL-08-08-08	3/4”X16	1/2"X14
ADTEEMJFFL-10-10-08	7/8"X14	1/2"X14
ADTEEMJFFL-12-12-08	1.1/16"X12	1/2"X14
ADTEEMJFFL-12-12-12	1.1/16"X12	3/4"X14
ADTEEMJFFL-16-16-16	1.5/16"X12	1"X11.5
ADTEEMJFFL-20-20-20	1.5/8"X12	1.1/4"X11.5
ADTEEMJFFL-24-24-24	1.7/8"X12	1.1/2"X11.5

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AJUDANDO A PRODUZIR

ADTEEMJMOC

ADAPTADOR TEE MACHO JIC 37° X MACHO UNF CENTRAL ORIENTÁVEL



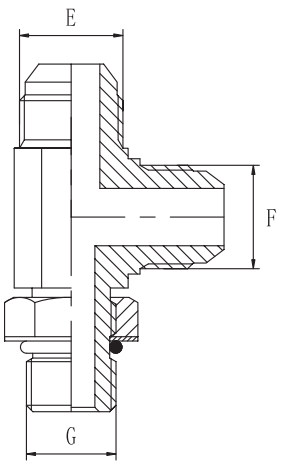
CÓDIGO	ROSCA		
	E	F	G
ADTEEMJMOC-04-04-04	7/16”X20	7/16”X20	7/16”X20
ADTEEMJMOC-04-05-04	7/16”X20	1/2"X20	7/16”X20
ADTEEMJMOC-04-06-04	7/16”X20	9/16"X18	7/16”X20
ADTEEMJMOC-05-05-05	1/2"X20	1/2"X20	1/2"X20
ADTEEMJMOC-06-06-06	9/16"X18	9/16"X18	9/16"X18
ADTEEMJMOC-06-08-06	9/16"X18	3/4”X16	9/16"X18
ADTEEMJMOC-08-08-08	3/4”X16	3/4”X16	3/4”X16
ADTEEMJMOC-08-10-08	3/4”X16	7/8"X14	3/4”X16
ADTEEMJMOC-08-12-08	3/4”X16	1.1/16"X12	3/4”X16
ADTEEMJMOC-10-08-10	7/8"X14	3/4”X16	7/8"X14
ADTEEMJMOC-10-10-10	7/8"X14	7/8"X14	7/8"X14
ADTEEMJMOC-10-12-10	7/8"X14	1.1/16"X12	7/8"X14
ADTEEMJMOC-12-08-12	1.1/16"X12	3/4”X16	1.1/16"X12
ADTEEMJMOC-12-10-12	1.1/16"X12	7/8"X14	1.1/16"X12
ADTEEMJMOC-12-12-12	1.1/16"X12	1.1/16"X12	1.1/16"X12
ADTEEMJMOC-12-16-12	1.1/16"X12	1.5/16"X12	1.1/16"X12
ADTEEMJMOC-16-12-16	1.5/16"X12	1.1/16"X12	1.5/16"X12
ADTEEMJMOC-16-16-16	1.5/16"X12	1.5/16"X12	1.5/16"X12
ADTEEMJMOC-16-20-16	1.5/16"X12	1.5/8"X12	1.5/16"X12
ADTEEMJMOC-20-20-20	1.5/8"X12	1.5/8"X12	1.5/8"X12
ADTEEMJMOC-24-24-24	1.7/8"X12	1.7/8"X12	1.7/8"X12

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AJUDANDO A PRODUZIR

ADTEEMJMOL

ADAPTADOR TEE MACHO JIC 37° X MACHO UNF LATERAL ORIENTÁVEL

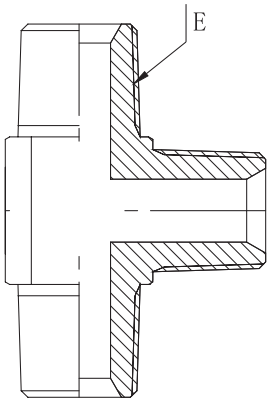


CÓDIGO	ROSCA	
	E	G
ADTEEMJMOL-04-04-04	7/16”X20	7/16”X20
ADTEEMJMOL-04-04-05	7/16”X20	1/2"X20
ADTEEMJMOL-04-04-06	7/16”X20	9/16"X18
ADTEEMJMOL-05-05-05	1/2"X20	1/2"X20
ADTEEMJMOL-06-06-06	9/16"X18	9/16"X18
ADTEEMJMOL-06-06-08	9/16"X18	3/4”X16
ADTEEMJMOL-08-08-06	3/4”X16	9/16"X18
ADTEEMJMOL-08-08-08	3/4”X16	3/4”X16
ADTEEMJMOL-08-08-10	3/4”X16	7/8"X14
ADTEEMJMOL-08-08-12	3/4”X16	1.1/16"X12
ADTEEMJMOL-10-10-08	7/8"X14	3/4”X16
ADTEEMJMOL-10-10-10	7/8"X14	7/8"X14
ADTEEMJMOL-10-10-12	7/8"X14	1.1/16"X12
ADTEEMJMOL-12-12-08	1.1/16"X12	3/4”X16
ADTEEMJMOL-12-12-10	1.1/16"X12	7/8"X14
ADTEEMJMOL-12-12-12	1.1/16"X12	1.1/16"X12
ADTEEMJMOL-12-12-16	1.1/16"X12	1.5/16"X12
ADTEEMJMOL-16-16-12	1.5/16"X12	1.1/16"X12
ADTEEMJMOL-16-16-16	1.5/16"X12	1.5/16"X12
ADTEEMJMOL-16-16-20	1.5/16"X12	1.5/8"X12
ADTEEMJMOL-20-20-20	1.5/8"X12	1.5/8"X12
ADTEEMJMOL-24-24-24	1.7/8"X12	1.7/8"X12

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AJUDANDO A PRODUZIR

ADTEEMP

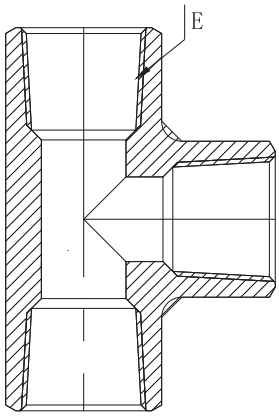
ADAPTADOR TEE MACHO NPT



CÓDIGO	ROSCA
ADTEEMP-02	1/8”X27
ADTEEMP-04	1/4”X18
ADTEEMP-06	3/8”X18
ADTEEMP-08	1/2”X14
ADTEEMP-12	3/4”X14
ADTEEMP-16	1”X11.5
ADTEEMP-20	1.1/4”X11.5

ADTEEFF

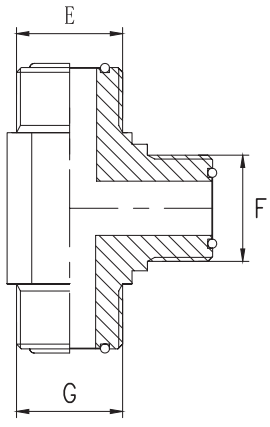
ADAPTADOR TEE FÊMEA FIXA NPT



CÓDIGO	ROSCA
ADTEEFF-02	1/8”X27
ADTEEFF-04	1/4”X18
ADTEEFF-06	3/8”X18
ADTEEFF-08	1/2”X14
ADTEEFF-12	3/4”X14
ADTEEFF-16	1”X11.5
ADTEEFF-20	1.1/4”X11.5
ADTEEFF-24	1.1/2”X11.5
ADTEEFF-32	2”X11.5

ADTEEMSP

ADAPTADOR TEE MACHO ORFS



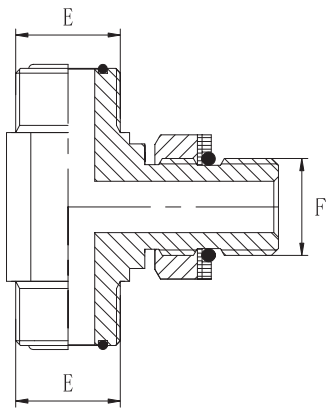
CÓDIGO	ROSCA
ADTEEMSP-04-04	9/16"X18
ADTEEMSP-06-06	11/16"X16
ADTEEMSP-08-08	13/16"X16
ADTEEMSP-10-10	1"X14
ADTEEMSP-12-12	1.3/16"X12
ADTEEMSP-16-16	1.7/16"X12
ADTEEMSP-20-20	1.11/16"X12
ADTEEMSP-24-24	2"X12

Comagran

AJUDANDO A PRODUZIR

ADTEEMSPMOC

ADAPTADOR TEECMACHO ORFS X MACHO UNF CENTRAL ORIENTÁVEL

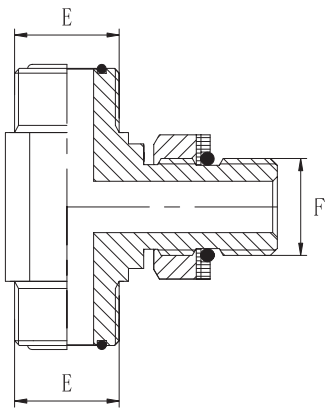


CÓDIGO	ROSCA		
	E	F	E
ADTEEMSPMOC-04-04-04	9/16"X18	7/16”X20	9/16"X18
ADTEEMSPMOC-04-05-04	9/16"X18	1/2"X20	9/16"X18
ADTEEMSPMOC-04-06-04	9/16"X18	9/16"X18	9/16"X18
ADTEEMSPMOC-04-08-04	9/16"X18	3/4"X16	9/16"X18
ADTEEMSPMOC-06-04-06	11/16"X16	7/16”X20	11/16"X16
ADTEEMSPMOC-06-06-06	11/16"X16	9/16"X18	11/16"X16
ADTEEMSPMOC-06-08-06	11/16"X16	3/4”X16	11/16"X16
ADTEEMSPMOC-06-10-06	11/16"X16	7/8"X14	11/16"X16
ADTEEMSPMOC-06-12-06	11/16"X16	1.1/16"X12	11/16"X16
ADTEEMSPMOC-08-06-08	13/16"X16	1.1/16"X12	13/16"X16
ADTEEMSPMOC-08-08-08	13/16"X16	3/4”X16	13/16"X16
ADTEEMSPMOC-08-10-08	13/16"X16	7/8"X14	13/16"X16
ADTEEMSPMOC-08-12-08	13/16"X16	1.1/16"X12	13/16"X16
ADTEEMSPMOC-10-08-10	1"X14	3/4”X16	1"X14
ADTEEMSPMOC-10-10-10	1"X14	7/8"X14	1"X14
ADTEEMSPMOC-10-12-10	1"X14	1.1/16"X12	1"X14
ADTEEMSPMOC-12-08-12	1.3/16"X12	3/4”X16	1.3/16"X12
ADTEEMSPMOC-12-10-12	1.3/16"X12	7/8"X14	1.3/16"X12
ADTEEMSPMOC-12-12-12	1.3/16"X12	1.1/16"X12	1.3/16"X12
ADTEEMSPMOC-12-16-12	1.3/16"X12	1.5/16"X12	1.3/16"X12
ADTEEMSPMOC-16-12-16	1.7/16"X12	1.1/16"X12	1.7/16"X12
ADTEEMSPMOC-16-16-16	1.7/16"X12	1.5/16"X12	1.7/16"X12
ADTEEMSPMOC-16-20-16	1.7/16"X12	1.5/8"X12	1.7/16"X12
ADTEEMSPMOC-20-16-20	1.11/16"X12	1.5/16"X12	1.11/16"X12
ADTEEMSPMOC-20-20-20	1.11/16"X12	1.5/8"X12	1.11/16"X12
ADTEEMSPMOC-20-24-20	1.11/16"X12	1.7/8"X12	1.11/16"X12
ADTEEMSPMOC-24-20-24	2"X12	1.5/8"X12	2"X12
ADTEEMSPMOC-24-24-24	2"X12	1.7/8"X12	2"X12

Comagran
AJUDANDO A PRODUZIR

ADTEEMSPMBC

ADAPTADOR TEE MACHO ORFS X MACHO BSP CENTRAL ORIENTÁVEL

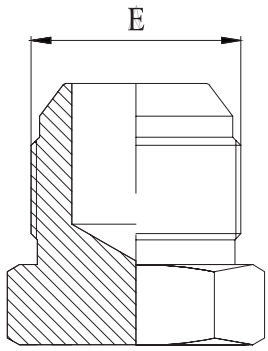


CÓDIGO	ROSCA		
	E	F	E
ADTEEMSPMBC-04-02-04	9/16"X18	1/8"X28	9/16"X18
ADTEEMSPMBC-04-04-04	9/16"X18	1/4"X19	9/16"X18
ADTEEMSPMBC-04-06-04	9/16"X18	3/8"X19	9/16"X18
ADTEEMSPMBC-06-04-06	11/16"X16	1/4"X19	11/16"X16
ADTEEMSPMBC-06-06-06	11/16"X16	3/8"X19	11/16"X16
ADTEEMSPMBC-06-08-06	11/16"X16	1/2"X14	11/16"X16
ADTEEMSPMBC-08-04-08	13/16"X16	1/4"X19	13/16"X16
ADTEEMSPMBC-08-06-08	13/16"X16	3/8"X19	13/16"X16
ADTEEMSPMBC-08-08-08	13/16"X16	1/2"X14	13/16"X16
ADTEEMSPMBC-08-12-08	13/16"X16	3/4"X14	13/16"X16
ADTEEMSPMBC-10-04-10	1"X14	1/4"X19	1"X14
ADTEEMSPMBC-10-06-10	1"X14	3/8"X19	1"X14
ADTEEMSPMBC-10-08-10	1"X14	1/2"X14	1"X14
ADTEEMSPMBC-10-12-10	1"X14	3/4"X14	1"X14
ADTEEMSPMBC-10-16-10	1"X14	1"X11	1"X14
ADTEEMSPMBC-12-04-12	1.3/16"X12	1/4"X19	1.3/16"X12
ADTEEMSPMBC-12-08-12	1.3/16"X12	1/2"X14	1.3/16"X12
ADTEEMSPMBC-12-12-12	1.3/16"X12	3/4"X14	1.3/16"X12
ADTEEMSPMBC-12-16-12	1.3/16"X12	1"X11	1.3/16"X12
ADTEEMSPMBC-16-04-16	1.7/16"X12	1/4"X19	1.7/16"X12
ADTEEMSPMBC-16-12-16	1.7/16"X12	3/4"X14	1.7/16"X12
ADTEEMSPMBC-16-16-16	1.7/16"X12	1"X11	1.7/16"X12
ADTEEMSPMBC-16-20-16	1.7/16"X12	1.1/4"X11	1.7/16"X12
ADTEEMSPMBC-20-16-20	1.11/16"X12	1"X11	1.11/16"X12
ADTEEMSPMBC-20-20-20	1.11/16"X12	1.1/4"X11	1.11/16"X12
ADTEEMSPMBC-20-24-20	1.11/16"X12	1.1/2"X11	1.11/16"X12
ADTEEMSPMBC-24-24-24	2"X12	1.1/2"X11	2"X12

Comagran
AJUDANDO A PRODUZIR

ADMJ

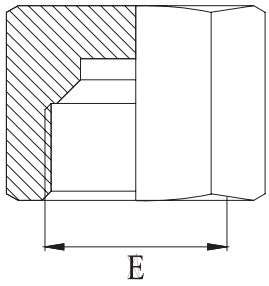
TAMPÃO MACHO JIC 37° SEXTAVADO EXTERNO



CÓDIGO	ROSCA E
ADMJ-04	7/16"X20
ADMJ-05	1/2"X20
ADMJ-06	9/16"X18
ADMJ-08	3/4"X16
ADMJ-10	7/8"X14
ADMJ-12	1.1/16"X12
ADMJ-16	1.5/16"X12
ADMJ-20	1.5/8"X12
ADMJ-24	1.7/8"X12
ADMJ-32	2.1/2"X12

ADFJ

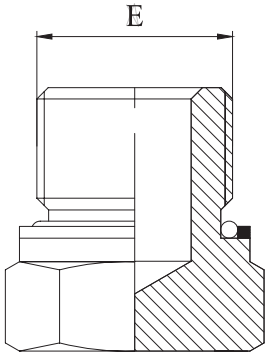
TAMPÃO FÊMEA JIC 37° SEXTAVADO EXTERNO



CÓDIGO	ROSCA E
ADFJ-04	7/16"X20
ADFJ-05	1/2"X20
ADFJ-06	9/16"X18
ADFJ-08	3/4"X16
ADFJ-10	7/8"X14
ADFJ-12	1.1/16"X12
ADFJ-16	1.5/16"X12

ADMB

TAMPÃO MACHO BSP SEXTAVADO EXTERNO

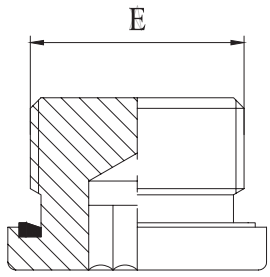


CÓDIGO	ROSCA E
ADMB-04	1/4"X19
ADMB-06	3/8"X19
ADMB-08	1/2"X14
ADMB-12	3/4"X14
ADMB-16	1"X11

Comagran
AJUDANDO A PRODUZIR

ADMBSI

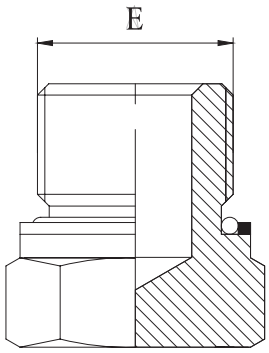
TAMPÃO MACHO BSP SEXTAVADO INTERNO



CÓDIGO	ROSCA E
ADMBSI-02	1/8"X28
ADMBSI-04	1/4"X19
ADMBSI-06	3/8"X19
ADMBSI-08	1/2"X14
ADMBSI-12	3/4"X14
ADMBSI-16	1"X11
ADMBSI-20	1.1/4"X11
ADMBSI-24	1.1/2"X11

ADMSP

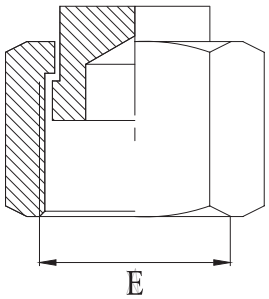
TAMPÃO MACHO SEDE PLANA (ORFS) SEXTAVADO EXTERNO



CÓDIGO	ROSCA E
ADMSP-04	9/16”X18
ADMSP-06	11/16”X16
ADMSP-08	13/16”X16
ADMSP-10	1”X14
ADMSP-12	1.3/16”X12
ADMSP-16	1.7/16”X12
ADMSP-20	1.11/16”X12

ADFSP

TAMPÃO FÊMEA SEDE PLANA (ORFS) SEXTAVADO EXTERNO

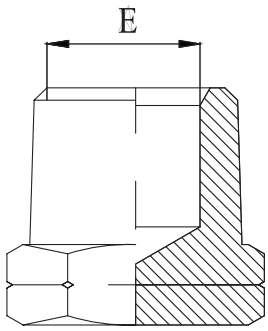


CÓDIGO	ROSCA E
ADFSP-04	9/16”X18
ADFSP-06	11/16”X16
ADFSP-08	13/16”X16
ADFSP-10	1”X14
ADFSP-12	1.3/16”X12
ADFSP-16	1.7/16”X12
ADFSP-20	1.11/16”X12

Comagran
AJUDANDO A PRODUZIR

ADMP

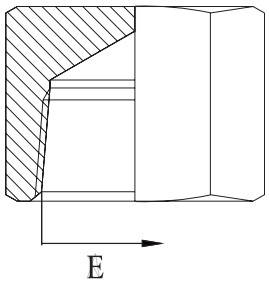
TAMPÃO MACHO NPT SEXTAVADO EXTERNO



CÓDIGO	ROSCA E
ADMP-02	1/8”X27
ADMP-04	1/4”X18
ADMP-06	3/8”X18
ADMP-08	1/2”X14
ADMP-12	3/4”X14
ADMP-16	1”X11.5
ADMP-20	1.1/4”X11.5
ADMP-24	1.1/2”X11.5
ADMP-32	2”X11.5

ADFF

TAMPÃO FÊMEA NPT SEXTAVADO EXTERNO

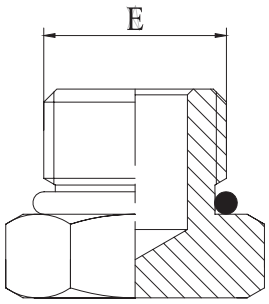


CÓDIGO	ROSCA E
ADFF-02	1/8”X27
ADFF-04	1/4”X18
ADFF-06	3/8”X18
ADFF-08	1/2”X14
ADFF-12	3/4”X14
ADFF-16	1”X11.5
ADFF-20	1.1/4”X11.5
ADFF-24	1.1/2”X11.5
ADFF-32	2”X11.5

Comagran
AJUDANDO A PRODUZIR

ADMOSE

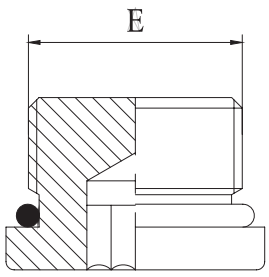
TAMPÃO MACHO O`RING UNF SEXTAVADO EXTERNO



CÓDIGO	ROSCA E
ADMOSE-04	7/16"X20
ADMOSE-05	1/2"X20
ADMOSE-06	9/16"X18
ADMOSE-08	3/4"X16
ADMOSE-10	7/8"X14
ADMOSE-12	1.1/16"X12
ADMOSE-14	1.3/16"X12
ADMOSE-16	1.5/16"X12
ADMOSE-20	1.5/8"X12
ADMOSE-24	1.7/8"X12
ADMOSE-32	2.1/2"X12

ADMOSI

TAMPÃO MACHO O`RING UNF SEXTAVADO INTERNO

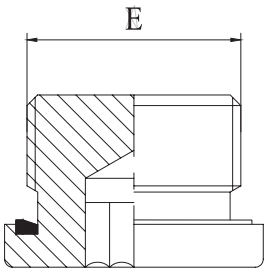


CÓDIGO	ROSCA E
ADMOSI-04	7/16"X20
ADMOSI-05	1/2"X20
ADMOSI-06	9/16"X18
ADMOSI-08	3/4"X16
ADMOSI-10	7/8"X14
ADMOSI-12	1.1/16"X12
ADMOSI-14	1.3/16"X12
ADMOSI-16	1.5/16"X12
ADMOSI-20	1.5/8"X12

Comagran
AJUDANDO A PRODUZIR

ADMMSI

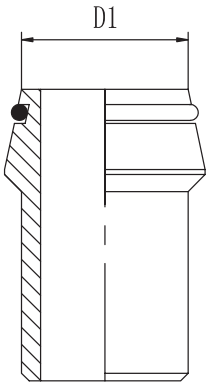
TAMPÃO MACHO MÉTRICO SEXTAVADO INTERNO



CÓDIGO	ROSCA
ADMMSI-10	10X1
ADMMSI-12	12X1.5
ADMMSI-14	14X1.5
ADMMSI-16	16X1.5
ADMMSI-18	18X1.5
ADMMSI-20	20X1.5
ADMMSI-22	22X1.5
ADMMSI-26	26X1.5
ADMMSI-27	27X2
ADMMSI-33	33X2
ADMMSI-42	42X2
ADMMSI-48	48X2

ADT

TAMPÃO PARA TUBO

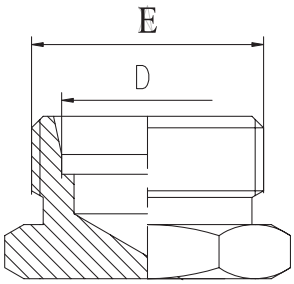


CÓDIGO	TUBO D1
ADT-06	06
ADT-08	08
ADT-10	10
ADT-12	12
ADT-14	14
ADT-15	15
ADT-16	16
ADT-18	18
ADT-20	20
ADT-22	22
ADT-25	25
ADT-28	28
ADT-30	30
ADT-35	35
ADT-38	38
ADT-42	42

Comagran
AJUDANDO A PRODUZIR

ADMMSE

TAMPÃO MACHO PARA TUBO SEXTAVADO EXTERNO



CÓDIGO	ROSCA E	TUBO D
SÉRIE LEVE		
ADMMLSE-06	M12X1.5	06
ADMMLSE-08	M14X1.5	08
ADMMLSE-10	M16X1.5	10
ADMMLSE-12	M18X1.5	12
ADMMLSE-15	M22X1.5	15
ADMMLSE-18	M26X1.5	18
ADMMLSE-22	M30X2	22
ADMMLSE-28	M36X2	28
ADMMLSE-35	M45X2	35
ADMMLSE-42	M50X2	42
SÉRIE PESADA		
ADMMPSE-06	M14X1.5	06
ADMMPSE-08	M16X1.5	08
ADMMPSE-10	M18X1.5	10
ADMMPSE-12	M20X1.5	12
ADMMPSE-14	M22X1.5	14
ADMMPSE-16	M24X1.5	16
ADMMPSE-20	M30X2	20
ADMMPSE-25	M36X2	25
ADMMPSE-30	M42X2	30
ADMMPSE-38	M52X2	38

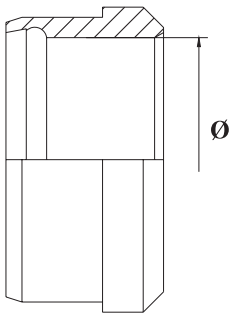
Comagran

AJUDANDO A PRODUZIR

CONEXÕES DIN



AA ANILHA

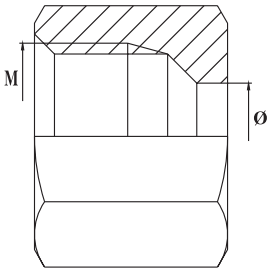


CÓDIGO	TUBO
SÉRIE LEVE	
AA-06	06
AA-08	08
AA-10	10
AA-12	12
AA-15	15
AA-18	18
AA-22	22
AA-28	28
AA-35	35
AA-42	42
SÉRIE PESADA	
AA-14	14
AA-16	16
AA-20	20
AA-25	25
AA-30	30
AA-38	38

Comagran
AJUDANDO A PRODUZIR

PA

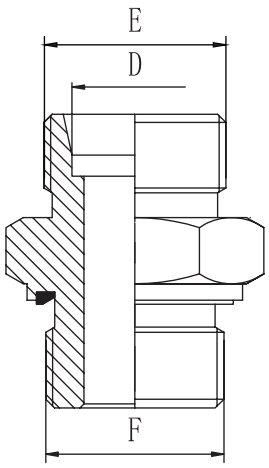
PORCA DIN



CÓDIGO	ROSCA	TUBO
SÉRIE LEVE		
PA-06-L	M12X1.5	06
PA-08-L	M14X1.5	08
PA-10-L	M16X1.5	10
PA-12-L	M18X1.5	12
PA-15-L	M22X1.5	15
PA-18-L	M26X1.5	18
PA-22-L	M30X2	22
PA-28-L	M36X2	28
PA-35-L	M45X2	35
PA-42-L	M50X2	42
SÉRIE PESADA		
PA-06-S	M14X1.5	06
PA-08-S	M16X1.5	08
PA-10-S	M18X1.5	10
PA-12-S	M20X1.5	12
PA-14-S	M22X1.5	14
PA-16-S	M24X1.5	16
PA-20-S	M30X2.0	20
PA-25-S	M36X2.0	25
PA-38-S	M52X2.0	38

UMA | BSP

CONEXÃO RETA MACHO MÉTRICO X MACHO ROSCA BSP COM ANEL VEDAÇÃO

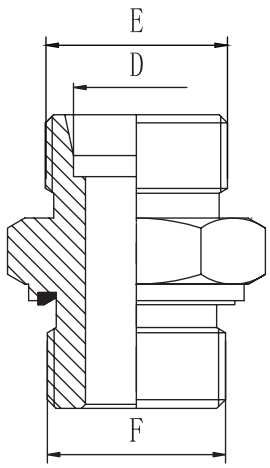


CÓDIGO	TUBO	ROSCA	
	D	E	F
SÉRIE LEVE			
UMA-06X1/8BSP-L	06	M12X1.5	1/8-28
UMA-08X1/4BSP-L	08	M14X1.5	1/4-19
UMA-08X3/8BSP-L	08	M14X1.5	3/8-19
UMA-10X1/8BSP-L	10	M16X1.5	1/8-28
UMA-10X1/4BSP-L	10	M16X1.5	1/4-19
UMA-10X3/8BSP-L	10	M16X1.5	3/8-19
UMA-12X1/4BSP-L	12	M18X1.5	1/4-19
UMA-12X3/8BSP-L	12	M18X1.5	3/8-19
UMA-12X1/2BSP-L	12	M18X1.5	1/2-14
UMA-12X3/4BSP-L	12	M18X1.5	3/4-14
UMA-15X3/8BSP-L	15	M22X1.5	3/8-19
UMA-15X1/2BSP-L	15	M22X1.5	1/2-14
UMA-18X3/8BSP-L	18	M26X1.5	3/8-19
UMA-18X1/2BSP-L	18	M26X1.5	1/2-14
UMA-18X3/4BSP-L	18	M26X1.5	3/4-14
UMA-18X1BSP-L	18	M26X1.5	1-11
UMA-22X3/4BSP-L	22	M30X2.0	3/4-14
UMA-28X1BSP-L	28	M36X2.0	1-11
UMA-28X1.1/4BSP-L	28	M36X2.0	1.1/4-11
UMA-35X1BSP-L	24	M45X2.0	1-11
UMA-35X1.1/4BSP-L	35	M45X2.0	1.1/4-19
UMA-42X1.1/2BSP-L	42	M52X2.0	1.1/2-11
SÉRIE PESADA			
UMA-08X1/4BSP-S	08	M16X1.5	1/4-19
UMA-08X3/8BSP-S	08	M16X1.5	3/8-19
UMA-10X1/4BSP-S	10	M18X1.5	1/4-19
UMA-10X3/8BSP-S	10	M18X1.5	3/8-19
UMA-12X3/8BSP-S	12	M20X1.5	3/8-19
UMA-12X1/2BSP-S	12	M20X1.5	1/2-14
UMA-14X1/2BSP-S	14	M22X1.5	1/2-14
UMA-16X3/8BSP-S	16	M24X1.5	3/8-19
UMA-16X1/2BSP-S	16	M24X1.5	1/2-14
UMA-16X3/4BSP-S	16	M24X1.5	3/4-14
UMA-16X1BSP-S	16	M24X1.5	1-11
UMA-20X3/4BSP-S	20	M30X2.0	3/4-14
UMA-25X3/4BSP-S	25	M36X2.0	3/4-14
UMA-28X3/4BSP-L	28	M36X2.0	3/4-14
UMA-25X1BSP-S	25	M36X2.0	1-11
UMA-25X1.1/4BSP-S	25	M36X2.0	1.1/4-11
UMA-30X1BSP-S	30	M42X2.0	1-11
UMA-30X1.1/4BSP-S	30	M42X2.0	1.1/4-11
UMA-30X1.1/2BSP-S	30	M42X2.0	1.1/2-11
UMA-38X1.1/4BSP-S	38	M52X2.0	1.1/4-11
UMA-38X1.1/2BSP-S	38	M52X2.0	1.1/2-11

Comagran
AJUDANDO A PRODUZIR

UMA | MM

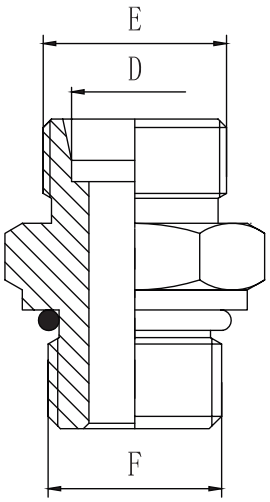
CONEXÃO RETA MACHO MÉTRICO X MACHO ROSCA MÉTRICA COM ANEL VEDAÇÃO



CÓDIGO	TUBO D	ROSCA F
SÉRIE LEVE		
UMA-06XM12-L	06	M12X1.5
UMA-08XM12-L	08	M12X1.5
UMA-10XM12-L	10	M12X1.5
UMA-12XM12-L	12	M12X1.5
UMA-12XM16-L	12	M16X1.5
UMA-12XM18-L	12	M18X1.5
UMA-15XM18-L	15	M18X1.5
UMA-15XM22-L	15	M22X1.5
UMA-18XM22-L	18	M22X1.5
UMA-18XM26-L	18	M26X1.5
UMA-22XM22-L	22	M22X1.5
UMA-22XM26-L	22	M26X2.0
UMA-35XM33-L	35	M33X2.0
UMA-35XM42-L	35	M42X2.0
UMA-42XM48-L	42	M48X2.0
SÉRIE PESADA		
UMA-08XM12-S	08	M12X1.5
UMA-10XM16-S	10	M16X1.5
UMA-12XM18-S	12	M18X1.5
UMA-16XM22-S	16	M22X1.5
UMA-20XM22-S	20	M22X1.5
UMA-25XM33-S	25	M33X2.0
UMA-25XM36-S	25	M36X2.0
UMA-30XM42-S	30	M42X2.0
UMA-38XM42-S	38	M42X2.0
UMA-38XM48-S	38	M48X2.0

UMA | UNF

CONEXÃO RETA MACHO MÉTRICO X MACHO ROSCA UNF COM ANEL O'RING

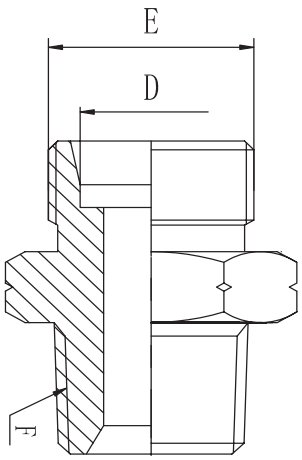


CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
UMA-06X9/16UNF-L	06	M12X1.5	9/16-18
UMA-10X9/16UNF-L	10	M16X1.5	9/16-18
UMA-10X3/4UNF-L	10	M16X1.5	3/4-16
UMA-12X7/16UNF-L	12	M18X1.5	7/16-20
UMA-12X9/16UNF-L	12	M18X1.5	9/16-18
UMA-12X3/4UNF-L	12	M18X1.5	3/4-16
UMA-12X7/8UNF-L	12	M18X1.5	7/8-14
UMA-12X1.1/16UNF-L	12	M18X1.5	1.1/16-16
UMA-15X9/16UNF-L	15	M22X1.5	9/16-18
UMA-15X3/4UNF-L	15	M22X1.5	3/4-16
UMA-15X1.1/16UNF-L	15	M22X1.5	1.1/16-16
UMA-15X1.5/16UNF-L	15	M22X1.5	1.5/16-12
UMA-18X3/4UNF-L	18	M26X1.5	3/4-16
UMA-18X7/8UNF-L	18	M26X1.5	7/8-14
UMA-18X1.1/16UNF-L	18	M26X1.5	1.1/16-16
UMA-22X1.1/16UNF-L	22	M30X2.0	1.1/16-16
UMA-28X1.5/16UNF-L	28	M36X2.0	1.5/16-12
UMA-35X1.5/8UNF-L	35	M45X2.0	1.5/8-12
UMA-42X1.7/8UNF-L	42	M52X2.0	1.7/8-14
SÉRIE PESADA			
UMA-08X9/16UNF-S	08	M16X1.5	9/16-18
UMA-08X3/4UNF-S	08	M16X1.5	3/4-16
UMA-10X9/16UNF-S	10	M18X1.5	9/16-18
UMA-10X3/4UNF-S	10	M18X1.5	1/2-20
UMA-16X3/4UNF-S	16	M24X1.5	3/4-16
UMA-16X7/86UNF-S	16	M24X1.5	7/8-14
UMA-16X1.1/16UNF-S	16	M24X1.5	1.1/16-16
UMA-20X7/8UNF-S	20	M30X2.0	7/8-14
UMA-20X1.1/16UNF-S	20	M30X2.0	1.1/16-16
UMA-25X1.1/16UNF-S	25	M36X2.0	1.1/16-16
UMA-25X1.5/16UNF-S	25	M36X2.0	1.1/16-16
UMA-30X1.5/8UNF-S	30	M42X2.0	1.5/8-12
UMA-38X1.7/8UNF-S	38	M52X2.0	1.7/8-14

Comagran
AJUDANDO A PRODUZIR

UMA | NPT

CONEXÃO RETA MACHO MÉTRICO X MACHO ROSCA NPT

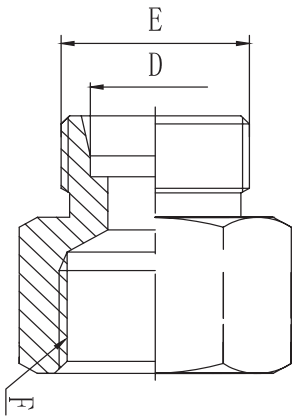


CÓDIGO	TUBO	ROSCA	
	D	E	F
SÉRIE LEVE			
UMA-06X1/8NPT-L	06	M12X1.5	1/8-27
UMA-06X1/4NPT-L	06	M12X1.5	1/4-18
UMA-08X1/8NPT-L	08	M14X1.5	1/8-27
UMA-08X1/4NPT-L	08	M14X1.5	1/4-18
UMA-08X3/8NPT-L	08	M14X1.5	3/8-18
UMA-10X1/4NPT-L	10	M16X1.5	1/4-18
UMA-10X3/8NPT-L	10	M16X1.5	3/8-18
UMA-12X3/8NPT-L	12	M18X1.5	3/8-18
UMA-12X1/2NPT-L	12	M18X1.5	1/2-14
UMA-15X1/2NPT-L	15	M22X1.5	1/2-14
UMA-15X3/4NPT-L	15	M22X1.5	3/4-14
UMA-18X3/4NPT-L	18	M26X1.5	3/4-14
UMA-22X3/4NPT-L	22	M30X2.0	3/4-14
UMA-28X1NPT-L	28	M36X2.0	1-11.5
UMA-35X1.1/4NPT-L	35	M45X2.0	1.1/4-11.5
UMA-42X1.1/4NPT-L	42	M52X2.0	1.1/4-11.5
UMA-42X1.1/2NPT-L	42	M52X2.0	1.1/2-11.5
SÉRIE PESADA			
UMA-12X3/8NPT-S	12	M20X1.5	3/8-18
UMA-12X1/2NPT-S	12	M20X1.5	1/2-14
UMA-14X3/8NPT-S	14	M22X1.5	3/8-18
UMA-14X1/2NPT-S	14	M22X1.5	1/2-14
UMA-14X1NPT-S	14	M22X1.5	1-11.5
UMA-16X1/2NPT-S	16	M24X1.5	3/8-18
UMA-18X3/4NPT-S	18	M24X1.5	3/4-14
UMA-16X1NPT-S	16	M24X1.5	1-11.5
UMA-20X3/4NPT-S	20	M30X2.0	3/4-14
UMA-25X1NPT-S	25	M36X2.0	1-11.5
UMA-30X3/4NPT-S	30	M42X2.0	3/4-14

Comagran
AJUDANDO A PRODUZIR

UFA | BSP

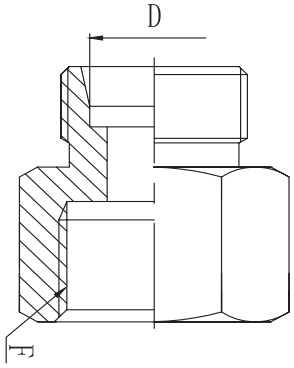
CONEXÃO RETA MACHO MÉTRICO X FÊMEA ROSCA BSP



CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
UFA-06X1/2BSP-L	06	M12X1.5	1/2-14
UFA-10X1/4BSP-L	10	M16X1.5	1/4-19
UFA-10X3/8BSP-L	10	M16X1.5	3/8-19
UFA-10X1/2BSP-L	10	M16X1.5	1/2-14
UFA-12X1/4BSP-L	12	M18X1.5	1/4-19
UFA-12X3/8BSP-L	12	M18X1.5	3/8-19
UFA-12X1/2BSP-L	12	M18X1.5	1/2-14
UFA-15X1/2BSP-L	15	M22X1.5	1/2-14
UFA-22X3/4BSP-L	22	M30X2.0	3/4-14
UFA-28X1BSP-L	28	M36X2.0	1-11
SÉRIE PESADA			
UFA-10X1/4BSP-S	16	M16X1.5	1/4-19
UFA-10X3/8BSP-S	10	M18X1.5	3/8-19
UFA-12X1/2BSP-S	12	M20X1.5	1/2-14
UFA-16X1/2BSP-S	16	M24X1.5	1/2-14
UFA-20X3/4BSP-S	20	M30X2.0	3/4-14
UFA-25X3/4BSP-S	25	M36X2.0	3/4-14
UFA-25X1BSP-S	25	M36X2.0	1-11

UFA

CONEXÃO RETA MACHO MÉTRICO X FÊMEA ROSCA MÉTRICA

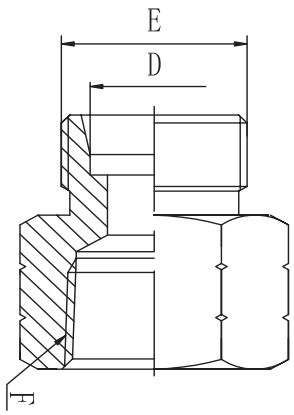


CÓDIGO	TUBO D	ROSCA F
SÉRIE LEVE		
UFA-12XM16-L	12	M16X1.5
UFA-18XM22-L	18	M22X1.5
UFA-22XM26-L	22	M26X1.5
UFA-35XM42-L	35	M42X2.0
UFA-42XM48-L	42	M48X2.0
SÉRIE PESADA		
UFA-10XM16-S	10	M16X1.5
UFA-12XM18-S	12	M18X1.5
UFA-16XM22-S	16	M22X1.5
UFA-30XM42-S	30	M42X2.0

Comagran
AJUDANDO A PRODUZIR

UFA | NPT

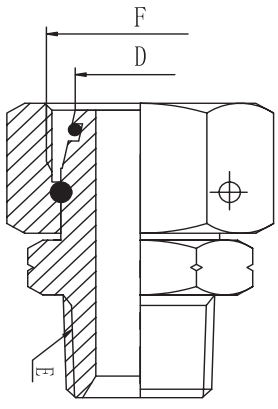
CONEXÃO RETA MACHO MÉTRICO X FÊMEA ROSCA NPT Ã



CÓDIGO	TUBO D	ROSCA E	F
SÉRIE LEVE			
UFA-10X1/4NPT-L	10	M16X1.5	1/4-18
UFA-10X3/8NPT-L	10	M16X1.5	3/8-18
UFA-12X3/8NPT-L	12	M18X1.5	3/8-18
UFA-15X1/2NPT-L	15	M22X1.5	1/2-14
UFA-18X1/2NPT-L	18	M26X1.5	1/2-14
UFA-22X3/4NPT-L	22	M30X2.0	3/4-14
UFA-28X1NPT-L	28	M36X2.0	1-11.5
SÉRIE PESADA			
UFA-10X3/8NPT-S	10	M18X1.5	3/8-18
UFA-12X3/8NPT-S	12	M20X1.5	3/8-18
UFA-16X1/2NPT-S	16	M24X1.5	1/2-14
UFA-25X3/4NPT-S	25	M36X2.0	3/4-14
UFA-25X1NPT-S	25	M36X2.0	1-11.5
UFA-30X1.1/4NPT-S	30	M42X2.0	1.1/4-11.5

MAMA | NPT

CONEXÃO RETA MACHO ROSCA NPT X FÊMEA DKO



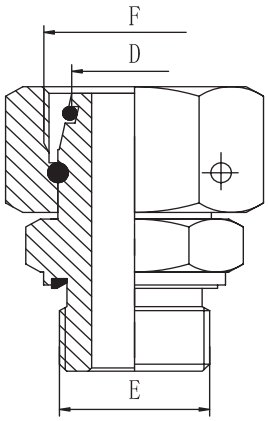
CÓDIGO	TUBO D	ROSCA F	E
SÉRIE LEVE			
MAMA-08X1/4NPT-L	08	M14X1.5	1/4-14
MAMA-08X3/8NPT-L	08	M14X1.5	3/8-18
MAMA-12X3/8NPT-L	12	M18X1.5	3/8-18
MAMA-15X1/2NPT-L	15	M22X1.5	1/2-14
MAMA-18X1/2NPT-L	18	M26X1.5	1/2-14
MAMA-22X3/4NPT-L	22	M30X2.0	3/4-14
MAMA-22X1NPT-L	22	M30X2.0	1-11.5
MAMA-28X1NPT-L	28	M36X2.0	1-11.5
SÉRIE PESADA			
MAMA-08X1/4NPT-S	08	M16X1.5	1/4-14
MAMA-12X3/8NPT-S	12	M20X1.5	3/8-18
MAMA-14X1/2NPT-S	14	M22X1.5	1/2-14
MAMA-16X1/2NPT-S	16	M24X1.5	1/2-14
MAMA-16X3/4NPT-S	16	M24X1.5	3/4-14
MAMA-20X3/4NPT-S	20	M30X2.0	3/4-14
MAMA-25X3/4NPT-S	25	M36X2.0	3/4-14
MAMA-25X1NPT-S	25	M36X2.0	1-11.5

Comagran

AJUDANDO A PRODUZIR

MAMA | BSP

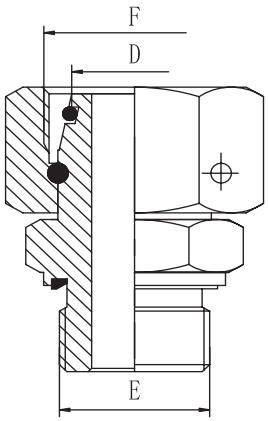
CONEXÃO RETA MACHO ROSCA BSP COM ANEL DE VEDAÇÃO X F MEA DKO



CÓDIGO	TUBO D	ROSCA F	ROSCA E
SÉRIE LEVE			
MAMA-08X1/4BSP-L	08	M14X1.5	1/4-19
MAMA-10X1/4BSP-L	10	M16X1.5	1/4-19
MAMA-12X1/4BSP-L	12	M18X1.5	1/4-19
MAMA-12X3/8BSP-L	12	M18X1.5	3/8-19
MAMA-12X1/2BSP-L	12	M18X1.5	1/2-14
MAMA-15X1/2BSP-L	15	M22X1.5	1/2-14
MAMA-18X1/2BSP-L	18	M26X1.5	1/2-14
MAMA-22X3/4BSP-L	22	M30X2.0	3/4-14
MAMA-28X1BSP-L	28	M36X2.0	1-11
SÉRIE PESADA			
MAMA-06X1/4BSP-S	06	M14X1.5	1/4-19
MAMA-08X1/4BSP-S	08	M16X1.5	1/4-19
MAMA-10X3/8BSP-S	10	M18X1.5	3/8-19
MAMA-12X3/8BSP-S	12	M20X1.5	3/8-19
MAMA-12X1/2BSP-S	12	M20X1.5	1/2-14
MAMA-14X1/2BSP-S	14	M22X1.5	1/2-14
MAMA-16X1/2BSP-S	16	M24X1.5	1/2-14
MAMA-20X3/4BSP-S	20	M30X2.0	3/4-14
MAMA-25X3/4BSP-S	25	M36X2.0	3/4-14
MAMA-25X1BSP-S	25	M36X2.0	1-11

MAMA | MM

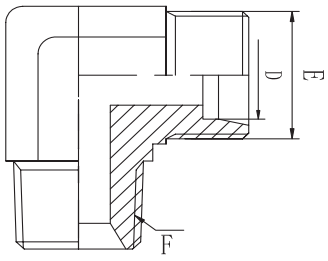
CONEXÃO RETA MACHO ROSCA M TRICA COM ANEL DE VEDAÇÃO X F MEA DKO



CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
MAMA-06XM10-L	06	M10X1.5	M12X1.5
MAMA-08XM12-L	08	M12X1.5	M14X1.5
MAMA-10XM14-L	10	M14X1.5	M16X1.5
MAMA-12XM16-L	12	M16X1.5	M18X1.5
MAMA-15XM18-L	15	M18X1.5	M22X1.5
MAMA-18XM22-L	18	M22X1.5	M26X1.5
SÉRIE PESADA			
MAMA-06XM12-S	06	M12X1.5	X1.5M14
MAMA-08XM14-S	08	M14X1.5	X1.5M16
MAMA-12XM18-S	12	M18X1.5	X1.5M20
MAMA-14XM20-S	14	M20X1.5	X1.5M22
MAMA-16XM22-S	16	M22X1.5	X1.5M24

Comagran
AJUDANDO A PRODUZIR

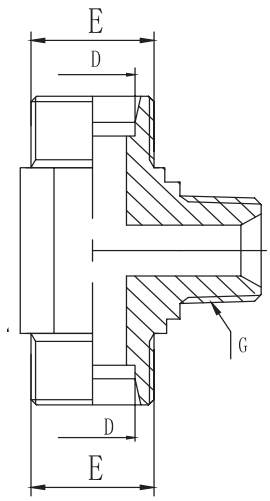
JMA | CONEXÃO 90° ROSCA NPT



CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
JMA-06X1/8NPT-L	06	M12X1.5	1/8-27
JMA-06X1/4NPT-L	06	M12X1.5	1/4-18
JMA-06X3/8NPT-L	06	M12X1.5	3/8-18
JMA-08X1/8NPT-L	08	M14X1.5	1/8-27
JMA-08X1/4NPT-L	08	M14X1.5	1/4-18
JMA-08X3/8NPT-L	08	M14X1.5	3/8-18
JMA-10X1/4NPT-L	10	M16X1.5	1/4-18
JMA-10X3/8NPT-L	10	M16X1.5	3/8-18
JMA-12X1/4NPT-L	12	M18X1.5	1/4-18
JMA-12X3/8NPT-L	12	M18X1.5	3/8-18
JMA-12X1/2NPT-L	12	M18X1.5	1/2-14
JMA-15X1/2NPT-L	15	M22X1.5	1/2-14
JMA-18X1/2NPT-L	18	M26X1.5	1/2-14
JMA-18X3/4NPT-L	18	M26X1.5	3/4-14
JMA-22X3/4NPT-L	22	M30X2.0	3/4-14
JMA-28X1NPT-L	28	M36X2.0	1-11.5
JMA-35X1.1/4NPT-L	35	M45X2.0	1.1/4-11.5
JMA-35X1.1/2NPT-L	42	M52X2.0	1.1/2-11.5
SÉRIE PESADA			
JMA-08X1/4NPT-S	08	M16X1.5	1/4-18
JMA-10X3/8NPT-S	10	M18X1.5	3/8-18
JMA-12X1/4NPT-S	12	M20X1.5	1/4-18
JMA-12X3/8NPT-S	12	M20X1.5	3/8-18
JMA-12X1/2NPT-S	12	M20X1.5	1/2-14
JMA-14X3/8NPT-S	14	M22X1.5	3/8-18
JMA-14X1/2NPT-S	14	M22X1.5	1/2-14
JMA-16X1/2NPT-S	16	M24X1.5	3/8-18
JMA-20X3/4NPT-S	20	M30X2.0	3/4-14
JMA-25X1NPT-S	25	M36X2.0	1-11.5

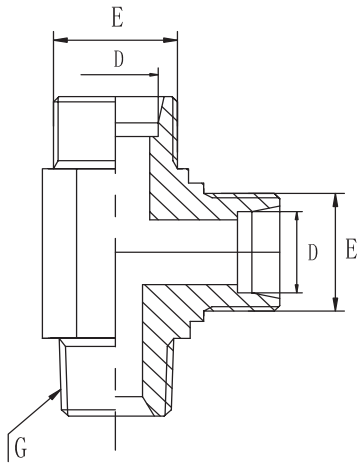
Comagran
AJUDANDO A PRODUZIR

TMA | CONEXÃO TEE MACHO CENTRAL ROSCA NPT



CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
TMA-08X1/4NPT-L	08	M14X1.5	1/4-18
TMA-10X3/8NPT-L	10	M16X1.5	3/8-18
TMA-12X3/8NPT-L	12	M18X1.5	3/8-18
TMA-15X1/2NPT-L	15	M22X1.5	1/2-14
TMA-18X1/2NPT-L	18	M26X1.5	1/2-14
TMA-22X3/4NPT-L	22	M30X2.0	3/4-14
SÉRIE PESADA			
TMA-08X1/4NPT-S	08	M16X1.5	1/4-18
TMA-10X3/8NPT-S	10	M18X1.5	3/8-18
TMA-12X3/8NPT-S	12	M20X1.5	3/8-18
TMA-14X1/2NPT-S	14	M22X1.5	1/2-14
TMA-16X1/2NPT-S	16	M24X1.5	1/2-14
TMA-20X3/4NPT-S	20	M30X2.0	3/4-14
TMA-25X1NPT-S	25	M36X2.0	1-11.5

TVA | NPT | CONEXÃO TEE MACHO LATERAL ROSCA NPT

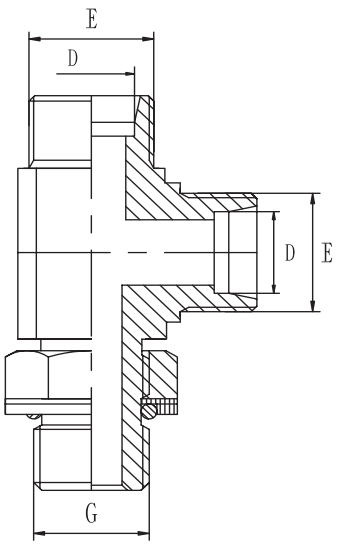


CÓDIGO	TUBO D	ROSCA E	ROSCA G
SÉRIE LEVE			
TVA-08X1/4NPT-L	08	M14X1.5	1/4-18
TVA-10X1/4NPT-L	10	M16X1.5	1/4-18
TVA-12X3/8NPT-L	12	M18X1.5	3/8-18
TVA-15X1/2NPT-L	15	M22X1.5	1/2-14
TVA-18X1/2NPT-L	18	M26X1.5	1/2-14
TVA-22X3/4NPT-L	22	M30X2.0	3/4-14
TVA-28X1NPT-L	28	M36X2.0	1-11.5
SÉRIE PESADA			
TVA-08X1/4NPT-S	08	M16X1.5	1/4-18
TVA-10X3/8NPT-S	10	M16X1.5	3/8-18
TVA-12X3/8NPT-S	12	M20X1.5	3/8-18
TVA-14X1/2NPT-S	14	M22X1.5	1/2-14
TVA-16X1/2NPT-S	16	M24X1.5	1/2-14
TVA-20X3/4NPT-S	20	M30X2.0	3/4-14
TVA-25X1NPT-S	25	M36X2.0	1-11.5

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TVA | BSP

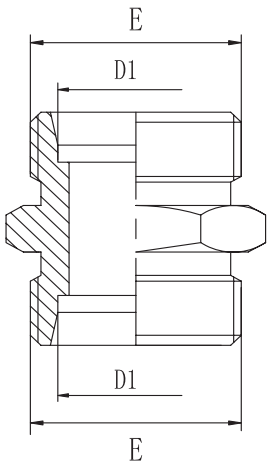
CONEXÃO TEE LATERAL MACHO ROSCA BSP ORIENTÁVEL



CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
TVA-12X3/8BSP-L	12	M18X1.5	3/8-19
TVA-15X1/2BSP-L	15	M22X1.5	1/2-14
TVA-18X1/2BSP-L	18	M26X1.5	1/2-14
TVA-22X3/4BSP-L	22	M30X1.5	3/4-14
TVA-28X1BSP-L	28	M36X1.5	1-11
SÉRIE PESADA			
TVA-10X3/8BSP-S	10	M18X1.5	3/8-19
TVA-14X1/2BSP-S	14	M22X1.5	1/2-14
TVA-16X1/2BSP-S	16	M24X1.5	1/2-14
TVA-20X3/4BSP-S	20	M30X2.0	3/4-14
TVA-25X1BSP-S	25	M36X2.0	1-11
TVA-20X3/4NPT-S	20	M30X2.0	3/4-14

UDA

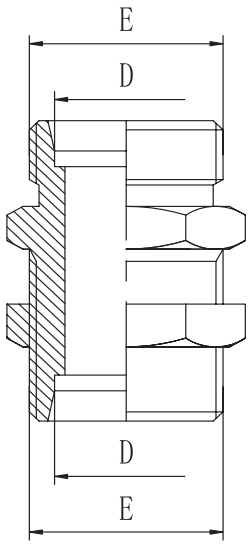
CONEXÃO IGUAL RETA



CÓDIGO	TUBO D	ROSCA E
SÉRIE LEVE		
UDA-06-L	06	M12X1.5
UDA-08-L	08	M14X1.5
UDA-10-L	10	M16X1.5
UDA-12-L	12	M18X1.5
UDA-15-L	15	M22X1.5
UDA-18-L	18	M26X1.5
UDA-22-L	22	M30X2.0
UDA-28-L	28	M36X2.0
UDA-35-L	35	M45X2.0
UDA-42-L	42	M52X2.0
SÉRIE PESADA		
UDA-06-S	06	M14X1.5
UDA-08-S	08	M16X1.5
UDA-10-S	10	M18X1.5
UDA-12-S	12	M20X1.5
UDA-14-S	14	M22X1.5
UDA-16-S	16	M24X1.5
UDA-20-S	20	M30X2.0
UDA-25-S	25	M36X2.0
UDA-30-S	30	M42X2.0
UDA-38-S	38	M52X2.0

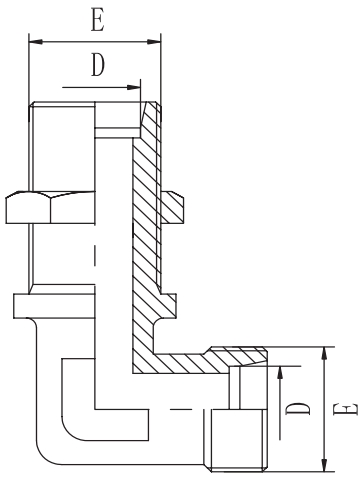
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UCA | CONEXÃO IGUAL RETA PAINEL



CÓDIGO	TUBO D	ROSCA E
SÉRIE LEVE		
UCA-12-L	12	M18X1.5
UCA-15-L	15	M22X1.5
UCA-18-L	18	M26X1.5
UCA-22-L	22	M30X2.0
UCA-28-L	28	M36X2.0
SÉRIE PESADA		
UCA-06-S	06	M14X1.5
UCA-16-S	16	M24X1.5
UCA-20-S	20	M30X2.0
UCA-25-S	25	M36X2.0
UCA-30-S	30	M42X2.0
UCA-38-S	38	M52X2.0

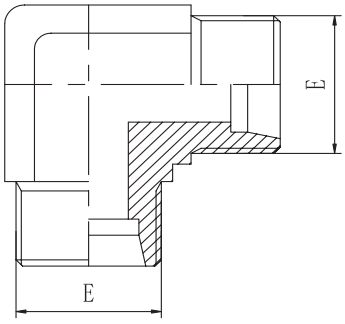
JCA | CONEXÃO IGUAL 90° PAINEL



CÓDIGO	TUBO D	ROSCA E
SÉRIE LEVE		
UDA-12-L	12	M18X1.5
UDA-15-L	15	M22X1.5
UDA-18-L	18	M26X1.5
UDA-22-L	22	M30X2.0
UDA-28-L	28	M36X2.0
SÉRIE PESADA		
UDA-06-S	06	M14X1.5
UDA-12-S	12	M20X1.5
UDA-16-S	16	M24X1.5
UDA-20-S	20	M30X2.0
UDA-25-S	25	M36X2.0
UDA-30-S	30	M42X2.0
UDA-38-S	38	M52X2.0

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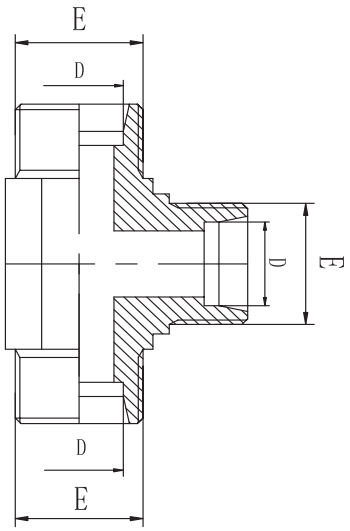
JIA | CONEXÃO IGUAL 90°



CÓDIGO	TUBO D	ROSCA E
SÉRIE LEVE		
JIA-06-L	06	M12X1.5
JIA-08-L	08	M14X1.5
JIA-10-L	10	M16X1.5
JIA-12-L	12	M18X1.5
JIA-15-L	15	M22X1.5
JIA-18-L	18	M26X1.5
JIA-22-L	22	M30X2.0
JIA-28-L	28	M36X2.0
JIA-35-L	35	M45X2.0
JIA-42-L	42	M52X2.0
SÉRIE LEVE		
JIA-06-S	06	M14X1.5
JIA-08-S	08	M16X1.5
JIA-10-S	10	M18X1.5
JIA-12-S	12	M20X1.5
JIA-14-S	14	M22X1.5
JIA-16-S	16	M24X1.5
JIA-20-S	20	M30X2.0
JIA-25-S	25	M36X2.0
JIA-30-S	30	M42X2.0
JIA-38-S	38	M52X2.0

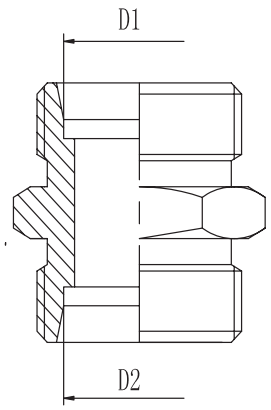
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AJUDANDO A PRODUZIR

TIA | CONEXÃO TEE IGUAL



CÓDIGO	TUBO D	ROSCA E
SÉRIE LEVE		
TIA-06-L	06	M12X1.5
TIA-08-L	08	M14X1.5
TIA-10-L	10	M16X1.5
TIA-12-L	12	M18X1.5
TIA-15-L	15	M22X1.5
TIA-18-L	18	M26X1.5
TIA-22-L	22	M30X2.0
TIA-28-L	28	M36X2.0
SÉRIE LEVE		
TIA-08-S	08	M16X1.5
TIA-10-S	10	M18X1.5
TIA-12-S	12	M20X1.5
TIA-14-S	14	M22X1.5
TIA-16-S	16	M24X1.5
TIA-20-S	20	M30X2.0
TIA-25-S	25	M36X2.0
TIA-30-S	30	M42X2.0

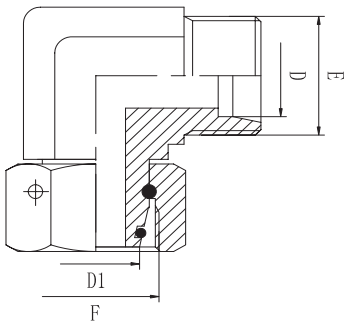
UDRA | CONEXÃO REDUÇÃO RETA



CÓDIGO	TUBO D1	TUBO D2
SÉRIE LEVE		
UDRA-12X10-L	12	10
UDRA-15X12-L	15	12
UDRA-18X10-L	18	10
UDRA-18X12-L	18	12
UDRA-18X15-L	18	15
UDRA-22X12-L	22	12
UDRA-22X15-L	22	15
UDRA-22X18-L	22	18
SÉRIE LEVE		
UDRA-12X08-S	12	08
UDRA-14X10-S	14	10
UDRA-20X10-S	20	10
UDRA-20X12-S	20	12
UDRA-25X16-S	25	16

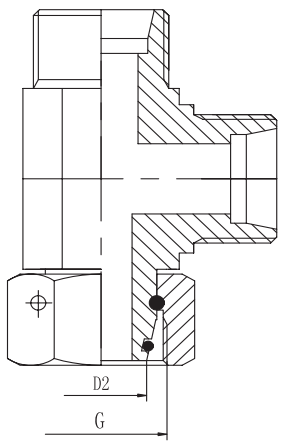
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MJLA | CONEXÃO 90° FÊMEA DKO



CÓDIGO	TUBO D	ROSCA
SÉRIE LEVE		
MJLA-06-L	06	M12X1.5
MJLA-08-L	08	M14X1.5
MJLA-10-L	10	M16X1.5
MJLA-12-L	12	M18X1.5
MJLA-15-L	15	M22X1.5
MJLA-18-L	18	M26X1.5
MJLA-22-L	22	M30X2.0
MJLA-28-L	28	M36X2.0
MJLA-35-L	35	M45X2.0
SÉRIE PESADA		
MJLA-10-S	10	M18X1.5
MJLA-12-S	12	M20X1.5
MJLA-14-S	14	M22X1.5
MJLA-16-S	16	M24X1.5
MJLA-20-S	20	M30X2.0
MJLA-25-S	25	M36X2.0
MJLA-30-S	30	M42X2.0
MJLA-38-S	38	M52X2.0

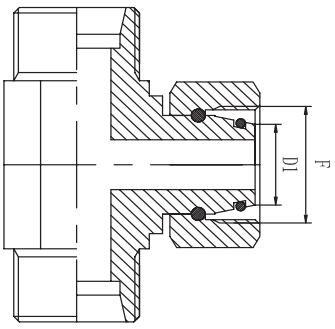
MTVLA | CONEXÃO TEE LATERAL FÊMEA DKO



CÓDIGO	TUBO D	ROSCA
SÉRIE LEVE		
MTVLA-10-L	10	M16X1.5
MTVLA-12-L	12	M18X1.5
MTVLA-15-L	15	M22X1.5
MTVLA-18-L	18	M26X1.5
MTVLA-22-L	22	M30X2.0
MTVLA-28-L	28	M36X2.0
SÉRIE PESADA		
MTVLA-10-S	10	M18X1.5
MTVLA-12-S	12	M20X1.5
MTVLA-14-S	14	M22X1.5
MTVLA-16-S	16	M24X1.5
MTVLA-20-S	20	M30X2.0
MTVLA-25-S	25	M36X2.0
MTVLA-30-S	30	M42X2.0

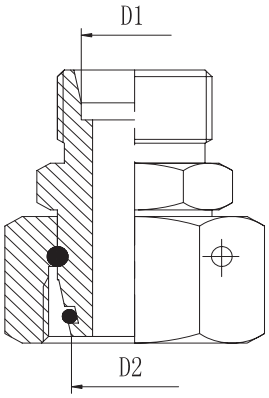
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MTLA | CONEXÃO TEE CENTRAL FÊMEA DKO



CÓDIGO	TUBO D	ROSCA
SÉRIE LEVE		
MTLA-10-L	10	M16X1.5
MTLA-12-L	12	M18X1.5
MTLA-15-L	15	M22X1.5
MTLA-18-L	18	M26X1.5
MTLA-22-L	22	M30X2.0
MTLA-28-L	28	M36X2.0
SÉRIE PESADA		
MTLA-10-S	10	M18X1.5
MTLA-12-S	12	M20X1.5
MTLA-14-S	14	M22X1.5
MTLA-16-S	16	M24X1.5
MTLA-20-S	20	M30X2.0
MTLA-25-S	25	M36X2.0
MTLA-30-S	30	M42X2.0

MATA | CONEXÃO REDUÇÃO RETA MACHO X FÊMEA

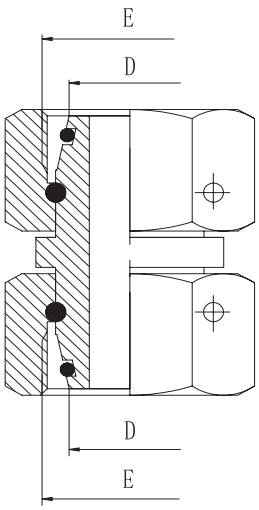


CÓDIGO	TUBO D1	TUBO D2	ROSCA
SÉRIE LEVE			
MATA-08X06-L	08	06	M14X1.5
MATA-15X12-L	15	12	M22X1.5
MATA-18X12-L	18	12	M26X1.5
MATA-28X12-L	28	12	M36X2.0
MATA-28X22-L	28	22	M36X2.0
SÉRIE LEVE			
MATA-20X12-S	20	12	M30X2.0
MATA-20X16-S	20	16	M30X2.0
MATA-30X25-S	30	25	M42X2.0

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MALA

CONEXÃO EMENDA DKO

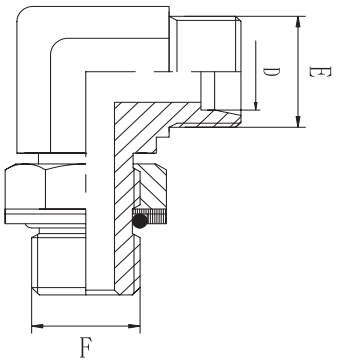


CÓDIGO	TUBO D	ROSCA
SÉRIE LEVE		
MALA-10-L	10	M16X1.5
MALA-12-L	12	M18X1.5
MALA-15-L	15	M22X1.5
MALA-18-L	18	M26X1.5
MALA-22-L	22	M30X2.0
MALA-28-L	28	M36X2.0
SÉRIE PESADA		
MALA-10-S	10	M18X1.5
MALA-12-S	12	M20X1.5
MALA-14-S	14	M22X1.5
MALA-16-S	16	M24X1.5
MALA-20-S	20	M30X2.0
MALA-25-S	25	M36X2.0
MALA-30-S	30	M42X2.0

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JOA | BSP

CONEXÃO 90° MACHO ORIENTÁVEL ROSCA BSP

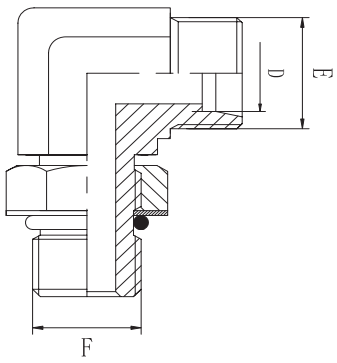


CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
JOA-06X1/8BSP-L	06	M12X1.5	1/8-28
JOA-06X1/4BSP-L	06	M12X1.5	1/4-19
JOA-08X1/4BSP-L	08	M14X1.5	1/4-19
JOA-10X1/4BSP-L	10	M16X1.5	1/4-19
JOA-10X3/8BSP-L	10	M16X1.5	3/8-19
JOA-12X3/8BSP-L	18	M12X1.5	3/8-19
JOA-12X1/2BSP-L	18	M12X1.5	1/2-14
JOA-15X1/2BSP-L	15	M22X1.5	1/2-14
JOA-18X1/2BSP-L	18	M26X1.5	1/2-14
JOA-22X3/4BSP-L	22	M30X2.0	3/4-14
JOA-28X1BSP-L	28	M36X2.0	1-11
JOA-30X1.1/4BSP-L	30	M42X2.0	1.1/4-11
JOA-35X1.1/4BSP-L	35	M45X2.0	1.1/4-11
SÉRIE PESADA			
JOA-08X1/4BSP-S	08	M16X1.5	1/4-19
JOA-10X3/8BSP-S	10	M18X1.5	3/8-19
JOA-12X3/8BSP-S	12	M20X1.5	3/8-19
JOA-12X1/2BSP-S	12	M20X1.5	1/2-14
JOA-14X1/2BSP-S	14	M22X1.5	1/2-14
JOA-16X3/8BSP-S	16	M26X1.5	3/8-19
JOA-16X1/2BSP-S	16	M26X1.5	1/2-14
JOA-16X3/4BSP-S	16	M26X1.5	3/4-14
JOA-16X1BSP-S	16	M26X1.5	1/2-14
JOA-20X3/4BSP-S	20	M30X2.0	3/4-14
JOA-25X1BSP-S	25	M36X2.0	1-11

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JOA | UNF

CONEXÃO 90° MACHO ORIENTÁVEL ROSCA UNF



CÓDIGO	TUBO D	ROSCA E	ROSCA F
SÉRIE LEVE			
JOA-06X7/16UNF-L	06	M12X1.5	7/16-20
JOA-08X7/16UNF-L	08	M14X1.5	7/16-20
JOA-10X9/16UNF-L	10	M16X1.5	9/16-18
JOA-12X3/4UNF-L	12	M18X1.5	3/4-16
JOA-22X1.1/16UNF-L	22	M30X2.0	1.1/16-12
JOA-28X1.5/16UNF-L	28	M36X2.0	1.5/16-12
SÉRIE PESADA			
JOA-10X9/16UNF-S	10	M18X1.5	9/16-18
JOA-12X9/16UNF-S	12	M20X1.5	9/16-18
JOA-12X3/4UNF-S	12	M20X1.5	3/4-16
JOA-14X3/4UNF-S	14	M22X1.5	3/4-16
JOA-16X3/4UNF-S	16	M24X1.5	3/4-16
JOA-16X1.1/16UNF-S	16	M24X1.5	1.1/16-12
JOA-20X1.1/16UNF-S	20	M30X2.0	1.1/16-12
JOA-20X1.5/16UNF-S	20	M30X2.0	1.5/16-12
JOA-25X1.1/16UNF-S	25	M36X2.0	1.1/16-12
JOA-25X1.5/16UNF-S	25	M36X2.0	1.5/16-12



AJUDANDO A PRODUZIR