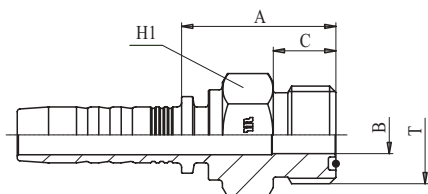


M12410

ORFS MALE - SAE J1453
ORFS MACHO - SAE J1453



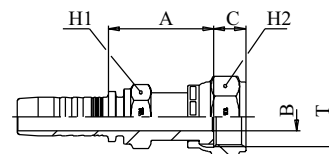
PART. REF.	HOSE BORE			THREAD	DIMENSIONS mm					
	DN	inch	Size	T	B	A	C		H _i	
M12410-04-04	6	1/4"	- 04	9/16" - 18	4,0	24,0	9,8		16	
M12410-04-06	6	1/4"	- 04	11/16" - 16	6,7	26,6	11,2		19	
M12410-05-06	8	3/8"	- 05	11/16" - 16	6,7	27,0	11,2		19	
M12410-06-06	10	5/16"	- 06	11/16" - 16	6,7	27,6	11,2		19	
M12410-06-08	10	3/8"	- 06	13/16" - 16	9,3	30,0	12,8		22	
M12410-08-08	12	1/2"	- 08	13/16" - 16	9,3	30,6	12,8		22	
M12410-08-10	12	1/2"	- 08	1" - 14	12,5	35,0	15,5		27	
M12410-10-10	16	5/8"	- 10	1" - 14	12,5	34,7	15,5		27	
M12410-10-12	16	5/8"	- 10	1.3/16" - 12	15,0	37,5	17,0		32	
M12410-12-12	19	3/4"	- 12	1.3/16" - 12	15,0	39,0	17,0		32	
M12410-12-16	19	3/4"	- 12	1.7/16" - 12	19,8	40,5	17,5		38	
M12410-16-16	25	1"	- 16	1.7/16" - 12	19,8	41,8	17,5		38	
M12410-20-20	31	1.1/4"	- 20	1.11/16" - 12	26,0	46,3	17,5		46	
M12410-24-24	38	1.1/2"	- 24	2"- 12	32,0	48,6	17,5		55	

SAE STANDARD CONNECTIONS

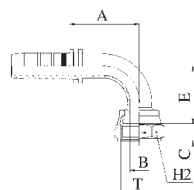
M22411

ORFS FEMALE - SAE J516/J1453 (CRIMPED-BACK NUT)

ORFS HEMBRA - SAE J516/J1453 (TUERCA PRENSADA)

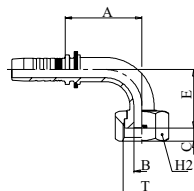


PART. REF.	HOSE BORE			THREAD	DIMENSIONS mm					
	DN	inch	Size	T	B	A	C		H ₁	H ₂
M22411-04-04	6	1/4"	- 04	9/16" - 18	4,0	27,5	8,0		13	19
M22411-04-06	6	1/4"	- 04	11/16" - 16	7,0	30,0	9,5		16	22
M22411-05-06	8	5/16"	- 05	11/16" - 16	7,0	30,5	9,5		16	22
M22411-06-06	10	3/8"	- 06	11/16" - 16	7,0	31,1	9,5		16	22
M22411-06-08	10	3/8"	- 06	13/16" - 16	9,3	35,6	11,0		19	24
M22411-08-06	12	1/2"	- 08	11/16" - 16	7,0	31,9	9,5		19	22
M22411-08-08	12	1/2"	- 08	13/16" - 16	9,3	35,9	11,0		19	24
M22411-08-10	12	1/2"	- 08	1" - 14	11,5	38,4	13,5		24	30
M22411-08-12	12	1/2"	- 08	1.3/16" - 12	13,9	41,9	14,5		28	36
M22411-10-10	16	5/8"	- 10	1" - 14	11,5	38,7	13,5		24	30
M22411-10-12	16	5/8"	- 10	1.3/16" - 12	13,9	42,0	14,5		28	36
M22411-12-10	19	3/4"	- 12	1" - 14	11,5	41,0	13,5		28	30
M22411-12-12	19	3/4"	- 12	1.3/16" - 12	13,9	43,5	14,5		28	36
M22411-12-16	19	3/4"	- 12	1.7/16" - 12	19,8	45,5	15,0		36	41
M22411-16-12	25	1"	- 16	1.3/16" - 12	13,9	45,8	14,5		36	36
M22411-16-16	25	1"	- 16	1.7/16" - 12	19,8	46,3	15,0		36	41
M22411-16-20	25	1"	- 16	1.11/16" - 12	26,0	49,5	14,8		41	50
M22411-20-20	31	1.1/4"	- 20	1.11/16" - 12	26,0	49,0	14,8		41	50
M22411-24-24	38	1.1/2"	- 24	2" - 12	32,0	54,0	15,8		50	60



M22491

90° ORFS FEMALE - SAE J516/J1453 (CRIMPED-BACK NUT)
ORFS HEMBRA CODO DE 90° - SAE J516/J1453 (TUERCA PRENSADA)



M22493

90° ORFS FEMALE - SAE J516/J1453 (SLIP-ON NUT)
ORFS HEMBRA CODO DE 90° - SAE J516/J1453 (TUERCA LIBRE)

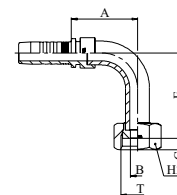
PART. REF.	HOSE BORE	THREAD	DIMENSIONS mm
------------	-----------	--------	------------------

	DN	inch	Size	T	B	A	C	E	H ₂
M22493-04-04	6	1/4"	- 04	9/16" - 18	4,0	27,5	8,2	24,0	17
M22493-04-06	6	1/4"	- 04	11/16" - 16	7,0	27,5	9,5	22,0	22
M22493-05-06	8	5/16"	- 05	11/16" - 16	7,0	32	9,5	23,0	22
M22493-06-06	10	3/8"	- 06	11/16" - 16	7,0	30,0	9,5	24,0	22
M22493-06-08	10	3/8"	- 06	13/16" - 16	9,3	30,0	11,0	26,5	24
M22491-08-06	12	1/2"	- 08	11/16" - 16	7,0	30,9	9,5	24,5	22
M22493-08-08	12	1/2"	- 08	13/16" - 16	9,3	40,5	11,0	30,0	24
M22493-08-10	12	1/2"	- 08	1" - 14	11,5	40,5	13,5	30,0	30
M22493-08-12	12	1/2"	- 08	1.3/16" - 12	13,9	39,5	14,5	37,5	36
M22493-10-10	16	5/8"	- 10	1" - 14	11,5	48,0	13,5	37,5	30
M22493-10-12	16	5/8"	- 10	1.3/16" - 12	13,9	48,0	14,5	41,0	36
M22491-12-10	19	3/4"	- 12	1" - 14	11,5	49,0	13,5	38,0	30
M22493-12-12	19	3/4"	- 12	1.3/16" - 12	13,9	56,5	14,5	48,0	36
M22493-12-16	19	3/4"	- 12	1.7/16" - 12	19,8	56,5	14,8	47,5	41
M22491-16-12	25	1"	- 16	1.3/16" - 12	13,9	57,6	14,5	48,0	36
M22493-16-16	25	1"	- 16	1.7/16" - 12	19,8	71,5	14,8	56,0	41
M22493-16-20	25	1"	- 16	1.11/16" - 12	26,0	71,5	14,8	58,5	50
M22493-20-20	31	1.1/4"	- 20	1.11/16" - 12	26,0	83,0	14,8	66,0	50
M22493-24-24	38	1.1/2"	- 24	2" - 12	32,0	102,0	14,8	79,5	60

SAE STANDARD CONNECTIONS

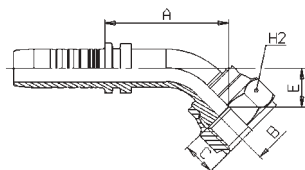
M24493*

90° ORFS FEMALE LONG DROP - SAE J516/J1453 (SLIP-ON NUT)
ORFS HEMBRA CODO DE 90° LARGO - SAE J516/J1453 (TUERCA LIBRE)



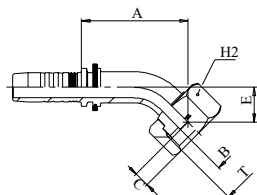
PART. REF.	HOSE BORE			THREAD	DIMENSIONS mm					
	DN	inch	Size	T	B	A	C	E		H ₂
M24493-04-04	6	1/4"	- 04	9/16" - 18	4,4	24,5	8,2	45,5		17
M24493-06-06	10	3/8"	- 06	11/16" - 16	7,0	31,5	9,5	53,5		22
M24493-06-08	10	3/8"	- 06	13/16" - 16	6,7	32,0	11,0	53,5		24
M24493-08-08	12	1/2"	- 08	13/16" - 16	10,0	37,0	11,0	63,5		24
M24493-08-10	12	1/2"	- 08	1" - 14	9,6	37,0	13,5	64,0		30
M24493-10-10	16	1/2"	- 10	1" - 14	9,6	41,0	13,5	69,0		30
M24493-10-12	16	5/8"	- 10	1.3/16" - 12	12,7	41,0	14,5	73,0		36
M24493-12-12	19	5/8"	- 12	1.3/16" - 12	15,5	45,5	14,5	96,0		36
M24493-16-16	25	1"	- 16	1.7/16" - 12	20,6	58,5	14,8	113,5		41

(*) Brazed solution - con soldadura



M22441

45° ORFS FEMALE - SAE J516/J1453 (CRIMPED-BACK NUT)
ORFS HEMBRA CODO DE 45° - SAE J516/J1453 (TUERCA PRENSADA)



M22443

45° ORFS FEMALE - SAE J516/J1453 (SLIP-ON NUT)
ORFS HEMBRA CODO DE 45° - SAE J516/J1453 (TUERCA LIBRE)

PART. REF.	HOSE BORE	THREAD	DIMENSIONS mm
------------	-----------	--------	------------------

	DN	inch	Size	T	B	A	C	E	H ₂
M22443-04-04	6	1/4"	- 04	9/16" - 18	4,0	31,0	8,2	10,5	17
M22443-04-06	6	1/4"	- 04	11/16" - 16	7,0	31,0	9,5	10,5	22
M22443-05-06	8	5/16"	- 05	11/16" - 16	7,0	34,0	9,5	10,5	22
M22443-06-06	10	3/8"	- 06	11/16" - 16	7,0	32,5	9,5	11,0	22
M22443-06-08	10	3/8"	- 06	13/16" - 16	9,3	34,0	11,0	12,5	24
M22441-08-06	12	1/2"	- 08	11/16" - 16	7,0	33,0	9,5	11,0	22
M22443-08-08	12	1/2"	- 08	13/16" - 16	9,3	42,0	11,0	13,0	24
M22443-08-10	12	1/2"	- 08	1" - 14	11,5	42,0	13,5	13,5	30
M22443-08-12	12	1/2"	- 08	1.3/16" - 12	13,9	46,5	14,5	18,5	36
M22443-10-10	16	5/8"	- 10	1" - 14	11,5	49,0	13,5	16,0	30
M22443-10-12	16	5/8"	- 10	1.3/16" - 12	13,9	51,5	14,5	18,5	36
M22441-12-10	19	3/4"	- 12	1" - 14	11,5	50,5	13,5	16,5	30
M22443-12-12	19	3/4"	- 12	1.3/16" - 12	13,9	60,5	14,5	21,5	36
M22443-12-16	19	3/4"	- 12	1.7/16" - 12	19,8	61,0	14,8	21,0	41
M22443-16-16	25	1"	- 16	1.7/16" - 12	19,8	72,0	14,8	23,5	41
M22443-16-20	25	1"	- 16	1.11/16" - 12	26,0	74,0	14,8	25,2	50
M22443-20-20	31	1.1/4"	- 20	1.11/16" - 12	26,0	82,0	14,8	27,0	50
M22443-24-24	38	1.1/2"	- 24	2" - 12	32,0	98,0	14,8	31,5	60