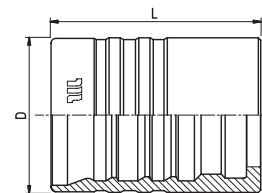


DIAMONDSPIR HOSE RANGE

M01800

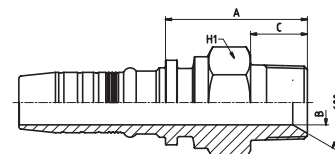
DOUBLE SKIVE FERRULE FOR EXTRA DUTY SPIRAL HOSES (6 PLY)
CASQUILLOS DE PELADO INTERNO Y EXTERNO PARA MANGUERAS
CON REFUERZO EN ESPIRAL - TRABAJO PESADO



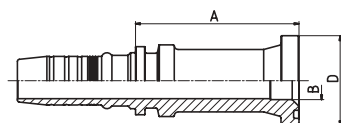
PART. REF.	HOSE BORE			DIMENSIONS mm			
	DN	inch	Size		D	L	
M01800-16	25	1"	- 16		53,5	68,0	
M01800-20	31	1.1/4"	- 20		64,5	88,2	
M01800-24	38	1.1/2"	- 24		73,0	97,8	
M01800-32	51	2"	- 32		86,5	108,0	
M01800-40	63	2.1/2"	- 40		103,0	135,0	
M01800-48	76	3"	- 48		113,5	125,0	

M57810

NPTF MALE 60° CONE SEAT SAE J516
NPTF MACHO ASIENTO A 60° SAE J516



PART. REF.	HOSE BORE			THREAD	DIMENSIONS mm			
	DN	inch	Size	T	B	A	C	H ₁
M57810-16-16	25	1"	- 16	1" - 11.5	19,0	60,4	24,2	41
M57810-20-20	31	1.1/4"	- 20	1.1/4" - 11.5	26,1	63,9	28,0	46
M57810-24-24	38	1.1/2"	- 24	1.1/2" - 11.5	32,1	70,4	30,0	55
M57810-32-32	51	2"	- 32	2" - 11.5	42,0	75,5	35,0	70

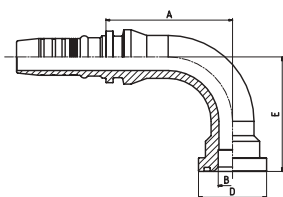


M68610

STRAIGHT SAE FLANGE CODE 62 - SAE J516/J518
BRIDA RECTA SAE CÓDIGO 62 SAE J516/J518

PART. REF.	HOSE BORE			FLANGE	DIMENSIONS mm			
	DN	inch	Size		B	A	D	
M68610-16-16	25	1"	- 16	1"	20,0	86,0	47,7	
M68610-20-20	31	1.1/4"	- 20	1.1/4"	26,0	91,0	54,2	
M68610-24-24	38	1.1/2"	- 24	1.1/2"	32,0	97,5	63,7	
M68610-32-32	51	2"	- 32	2"	42,0	112,5	79,6	
M68610-40-32	63	2.1/2"	- 40	2"	41,0	115,0	79,6	
M68610-40-40 *	63	2.1/2"	- 40	2.1/2"	51,5	127,0	107,8	
M68610-48-48 *	76	3"	- 48	3"	63,0	167,0	131,9	

(*) Manuli specification



M68690

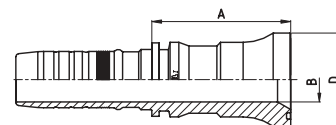
90° SAE FLANGE CODE 62 SAE J516/J518
BRIDA CODO DE 90° SAE CÓDIGO 62 SAE J516/J518

PART. REF.	HOSE BORE			FLANGE	DIMENSIONS mm			
	DN	inch	Size		B	A	D	E
M68690-16-16	25	1"	- 16	1"	20,0	89,0	47,7	80,0
M68690-20-20	31	1.1/4"	- 20	1.1/4"	24,0	110,0	54,2	93,0
M68690-24-24	38	1.1/2"	- 24	1.1/2"	38,5	125,0	63,7	110,0
M68690-32-32	51	2"	- 32	2"	42,0	148,0	79,6	136,0

XTRAFLANGE

M68510

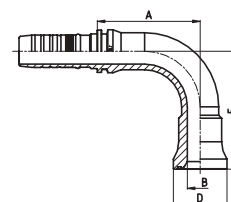
STRAIGHT XTRAFLANGE
BRIDA RECTA EXTRAFLANGE



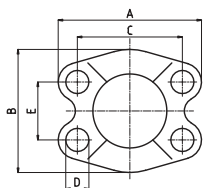
PART. REF.	HOSE BORE			FLANGE	DIMENSIONS mm				W.P.	WEIGHT
	DN	inch	Size		B	A	D		bar	kg
M68510-16-16	25	1"	- 16	1"	20,0	69,5	47,7		560	0,6
M68510-20-20	31	1.1/4"	- 20	1.1/4"	24,0	88,0	54,4		560	1,0
M68510-24-24	38	1.1/2"	- 24	1.1/2"	30,5	102,0	63,7		560	1,4
M68510-32-32	51	2"	- 32	2"	41,0	129,0	79,6		450	2,7
M68510-40-40	63	2.1/2"	- 40	2.1/2"	51,5	149,0	99,2		350	4,4

M68590

90° XTRAFLANGE
BRIDA 90° EXTRAFLANGE



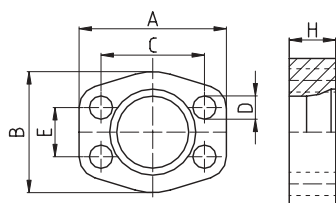
PART. REF.	HOSE BORE			FLANGE	DIMENSIONS mm				W.P.	WEIGHT
	DN	inch	Size		B	A	D	E	bar	kg
M68590-16-16	25	1"	- 16	1"	20,0	84,2	47,7	90,0	560	0,8
M68590-20-20	31	1.1/4"	- 20	1.1/4"	24,0	107,0	54,4	120,0	560	1,5
M68590-24-24	38	1.1/2"	- 24	1.1/2"	30,5	122,2	63,7	140,0	560	2,2
M68590-32-32	51	2"	- 32	2"	41,0	147,5	79,6	180,0	450	4,3



083607

SAE ONE-PIECE FLANGE CLAMPS CODE 62 - SAE J518
BRIDA ENTERA SAE PARA FLANGE CODIGO 62 - SAE J518

PART. REF.	HOSE BORE			DIMENSIONS mm				
	DN	inch	Size	B	A	C	D	E
083607-16	25	1"	- 16	70,0	81,0	57,2	13,0	27,8
083607-20	32	1.1/4"	- 20	78,0	96,0	66,7	15,0	31,8
083607-24	38	1.1/2"	- 24	96,0	113,0	79,4	17,0	36,5
083607-32	51	2"	- 32	114,0	134,0	96,8	21,0	44,4
083607-40	63	2.1/2"	- 40	150,0	175,0	123,8	25,0	58,7
083607-48	76	3"	- 48	178,0	210,0	152,4	32,0	71,4



088507

ONE-PIECE XTRAFLANGE CLAMPS
BRIDA ENTERA PARA XTRAFLANGE

PART. REF.	FLANGE SIZE			DIMENSIONS mm						BOLT	WEIGHT
	DN	inch	Size	B	A	C	D	E	H	length mm	kg
088507-16	25	1"	- 16	66,7	80,0	57,2	13,0	27,8	24,0	50,0	0,5
088507-20	31	1.1/4"	- 20	78,0	95,0	66,7	15,0	31,7	30,0	65,0	0,9
088507-24	38	1.1/2"	- 24	94,0	112,0	79,4	17,0	36,5	36,0	75,0	1,6
088507-32	51	2"	- 32	114,0	133,0	96,8	21,0	44,5	47,0	100,0	2,7
088507-40	63	2.1/2"	- 40	150,0	180,0	123,8	26,0	58,8	55,0	110,0	6,4

ASSEMBLING INSTRUCTIONS



The following assembling instructions are strongly recommended on heavy duty applications.
Debido al exigente desempeño de la aplicación, estas instrucciones de ensamble son recomendadas ampliamente.

M68610 - M68690

PART. REF.	FLANGE SIZE	SPLIT FLANGE TYPE	ONE-PIECE FLANGE TYPE	OR (NBR 90 ShA) SAE J515	METRIC BOLT DIMENSIONS (Class. 10.9)	UNC BOLT DIMENSIONS (Grade 8)	BOLT THREAD LENGTH (mm)	BOLT TORQUE (Nm)
M68610-16-16	1"		O83607-16	32,92x3,53	M 12	7/16-14	45	130
M68690-16-16	1"		O83607-16	32,92x3,53	M 12	7/16-14	45	130
M68610-20-20	1.1/4"		O83607-20	37,69x3,53	M 14	1/2-13	45	180
M68690-20-20	1.1/4"		O83607-20	37,69x3,53	M 14	1/2-13	45	180
M68610-24-24	1.1/2"		O83607-24	47,22x3,53	M 16	5/8-11	55	290
M68690-24-24	1.1/2"		O83607-24	47,22x3,53	M 16	5/8-11	55	290
M68610-32-32	2"		O83607-32	56,74x3,53	M 20	3/4-10	70	450
M68690-32-32	2"		O83607-32	56,74x3,53	M 20	3/4-10	70	450
M68610-40-32	2"	O83609-32		56,74x3,53	M 20	3/4-10	70	450
M68610-40-40	2.1/2"		O83607-40	69,44x3,53	M 24	1-8	80	550
M68610-48-48	3"		O83607-48	85,32x3,53	M 30	1.1/4-7	90	650

M68510 - M68590

PART. REF.	FLANGE SIZE	ONE-PIECE FLANGE TYPE	OR (NBR 90 ShA) SAE J515	METRIC BOLT DIMENSIONS (Class. 10.9)	UNC BOLT DIMENSIONS (Grade 8)	BOLT THREAD LENGTH (mm)	BOLT TORQUE (Nm)
M68510-16-16	1"	O88507-16	32,92x3,53	M 12	7/16-14	50	130
M68590-16-16	1"	O88507-16	32,92x3,53	M 12	7/16-14	50	130
M68510-20-20	1.1/4"	O88507-20	37,69x3,53	M 14	1/2-13	65	180
M68590-20-20	1.1/4"	O88507-20	37,69x3,53	M 14	1/2-13	65	180
M68510-24-24	1.1/2"	O88507-24	47,22x3,53	M 16	5/8-11	75	290
M68590-24-24	1.1/2"	O88507-24	47,22x3,53	M 16	5/8-11	75	290
M68510-32-32	2"	O88507-32	56,74x3,53	M 20	3/4-10	95	450
M68590-32-32	2"	O88507-32	56,74x3,53	M 20	3/4-10	95	450
M68510-40-40	2.1/2"	O88507-40	69,44x3,53	M 24	1-8	110	550