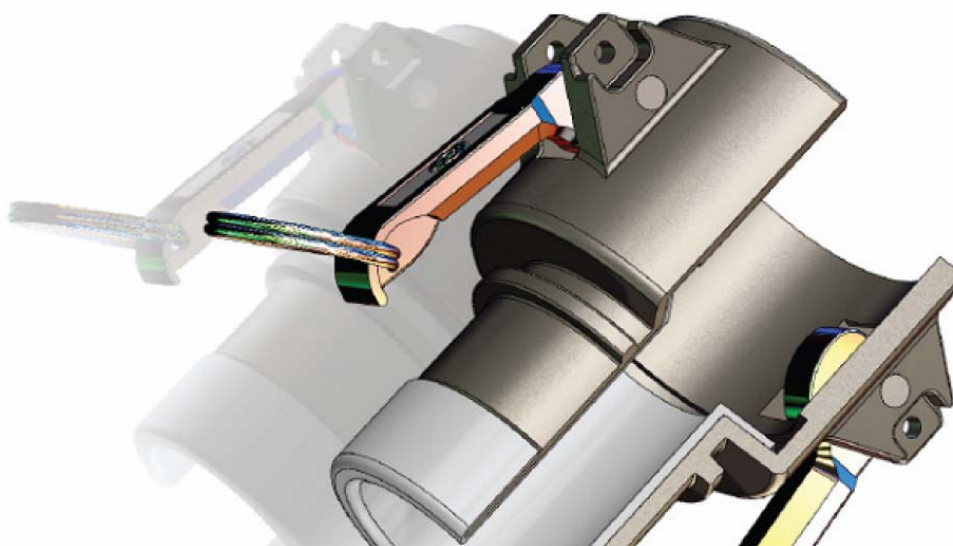




PROGRAMA DE RACORES ENCAPSULADOS



TECNO PRODUCTS, S.L.

PRODUCTOS Y TECNOLOGIA PARA LA INDUSTRIA QUIMICA, ALIMENTARIA Y FARMACEUTICA

Q M
S
Quality Management Systems
ISO 9001 : 2000
NºRegistro : ESP 4425



RACORES ENCAPSULADOS

Los racores encapsulados están diseñados para trabajar con productos altamente corrosivos. Donde algunos materiales convencionales como el latón, bronce, aluminio e incluso el AISI no pueden trabajar debido a la mala compatibilidad química que presenta, los racores encapsulados son a menudo la solución técnica perfecta. El empleo de un tipo especial de PTFE para nuestros racores encapsulados mejora las propiedades respecto a PTFE convencional.

1. Baja deformación bajo carga
2. Baja permeabilidad
3. Cumple con la normativa FDA 
4. Acabado superficial liso y facilidad de limpieza
5. Alta transparencia
6. Elevada protección gracias a su baja permeabilidad



RUGOSIDAD SUPERFICIAL

En el mundo bio-tech y farmacéutico, se requiere el empleo de racores con baja rugosidad superficial. La diferencia entre un PTFE encapsulado normal y el PTFE mejorado se aprecia claramente en si se amplía 50 veces la imagen de la superficie.



PTFE convencional



PTFE modificado

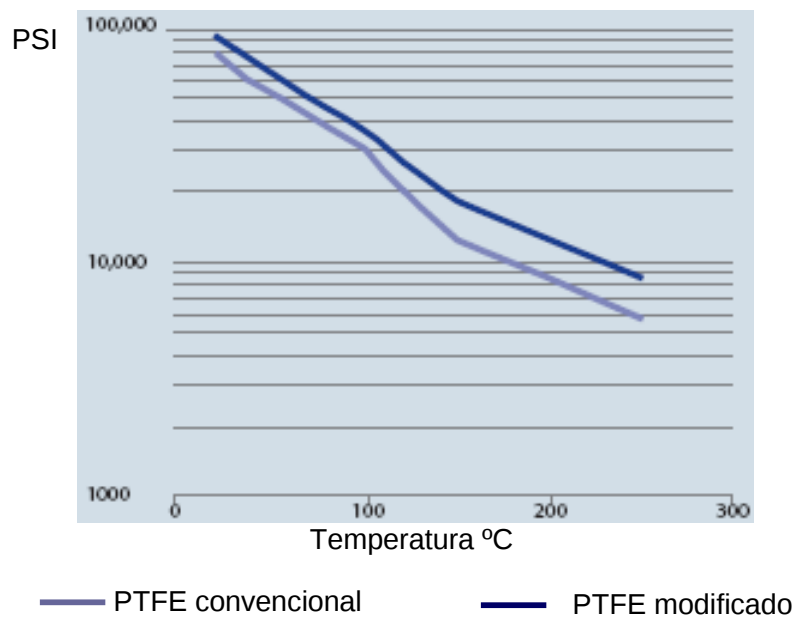
CARACTERÍSTICAS

INDUSTRIA	CARACTERÍSTICAS
INDUSTRIA QUÍMICA	Excepcional resistencia química y térmica Baja permeabilidad Poca deformación bajo cargas Superficies lisas
PROCESOS, ALIMENTARIOS, FARMA Y BIO-TECH	Superficies lisa  Fácil limpieza Cumple normativa FDA
SEMI-CONDUCTORES	Se puede soldar Alta pureza

RACORES ENCAPSULADOS

MEJORA DEL MODULO ELÁSTICO

Efecto de la temperatura sobre el módulo elástico



MATERIAL DE FABRICACIÓN

Racores para manguera: AISI316

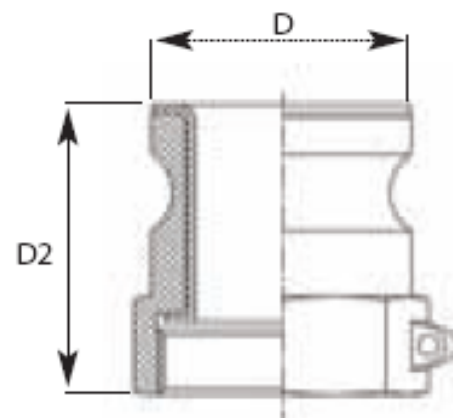
Juntas: Bajo demanda



CAMLOCK

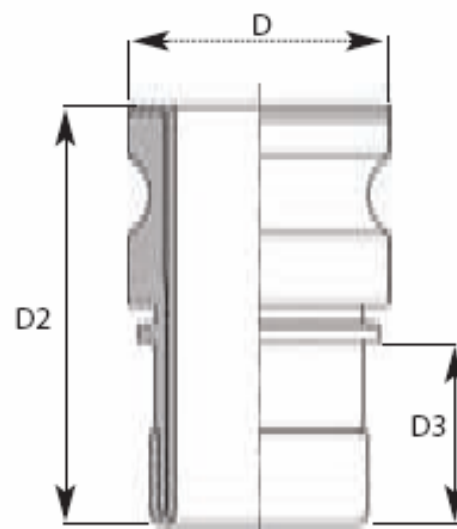
TIPO A - ADAPTADOR MACHO - ROSCA HEMBRA

DN	Pulg.	Rosca	Junta	D	D 2 min
20	3/4"	G 3/4	PTFE	32,1	35,4
25	1"	G 1	PTFE	36,7	49,3
32	1.1/4"	G 1.1/4	PTFE	45,5	57,1
40	1.1/2"	G 1.1/2	PTFE	53,4	62,7
50	2"	G 2	PTFE	63,0	71,0
65	2.1/2"	G 2.1/2	PTFE	75,8	75,2
80	3"	G 3	PTFE	91,5	78,8
100	4"	G4	PTFE	119,5	80,3



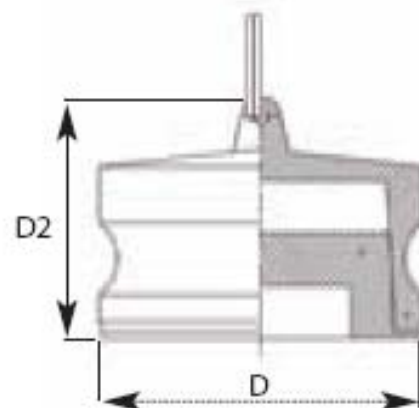
TIPO E - ADAPTADOR MACHO - MANGUERA

DN	Pulg.	Manguera Ødi (mm.)	D	D 2 min	D3 min
20	3/4"	19	32,1	68,5	34,0
25	1"	25	36,7	76,5	34,0
32	1.1/4"	32	45,5	83,0	34,0
40	1.1/2"	38	53,4	84,5	34,0
50	2"	50	63,0	97,5	40,0
65	2.1/2"	63	75,8	113,5	52,0
80	3"	75	91,5	119,0	56,0
100	4"	100	119,5	161,5	80,5



TIPO DP - TAPÓN MACHO

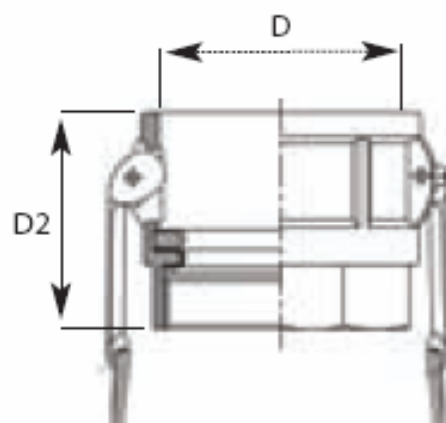
DN	Pulg.	D	D 2 min
20	3/4"	32,1	37,0
25	1"	36,7	45,0
32	1.1/4"	45,5	52,0
40	1.1/2"	53,4	53,0
50	2"	63,0	59,0
65	2.1/2"	75,8	62,0
80	3"	91,5	64,0
100	4"	119,5	66,0



CAMLOCK

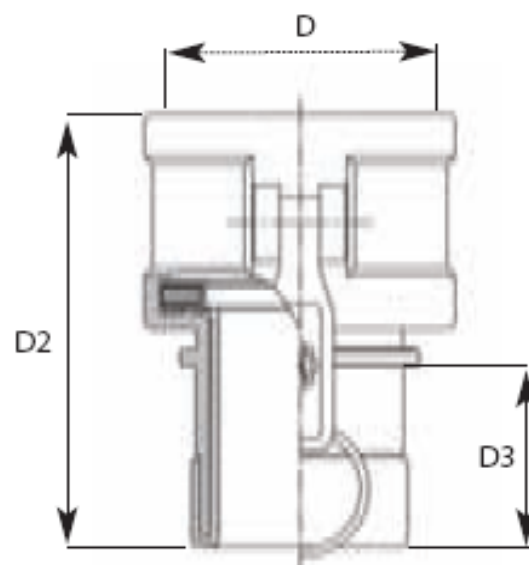
TIPO D - RACOR HEMBRA - ROSCA HEMBRA

DN	Pulg.	Rosca	Junta	D	D 2 min
20	3/4"	G 3/4	PTFE	32,4	45,0
25	1"	G 1	PTFE	37,3	53,0
32	1.1/4"	G 1.1/4	PTFE	46,0	59,0
40	1.1/2"	G 1.1/2	PTFE	54,0	65,0
50	2"	G 2	PTFE	63,8	73,0
65	2.1/2"	G 2.1/2	PTFE	76,5	77,5
80	3"	G 3	PTFE	92,2	81,0
100	4"	G4	PTFE	120,3	85,5

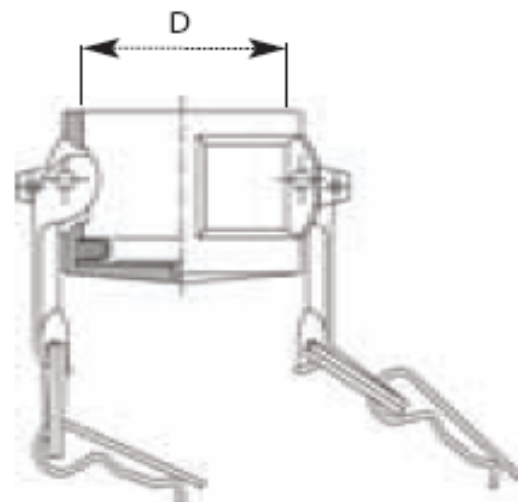


TIPO C - RACOR HEMBRA - MANGUERA

DN	Pulg.	Manguera Ødi (mm.)	D	D 2 min	D3 min
20	3/4"	19	32,4	76,0	34,0
25	1"	25	37,3	82,0	34,0
32	1.1/4"	32	46,0	88,0	34,0
40	1.1/2"	38	54,0	90,0	34,0
50	2"	50	63,8	103,0	40,0
65	2.1/2"	63	76,5	119,5	52,0
80	3"	75	92,2	125,0	56,0
100	4"	100	120,3	169,5	80,5


TIPO DC - TAPÓN
HEMBRA

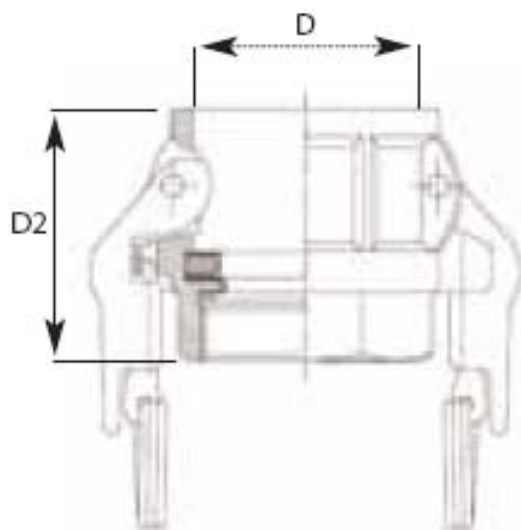
DN	Pulg.	D
20	3/4"	32,4
25	1"	37,3
32	1.1/4"	46,0
40	1.1/2"	54,0
50	2"	63,8
65	2.1/2"	76,5
80	3"	92,2
100	4"	120,3



CAMLOCK

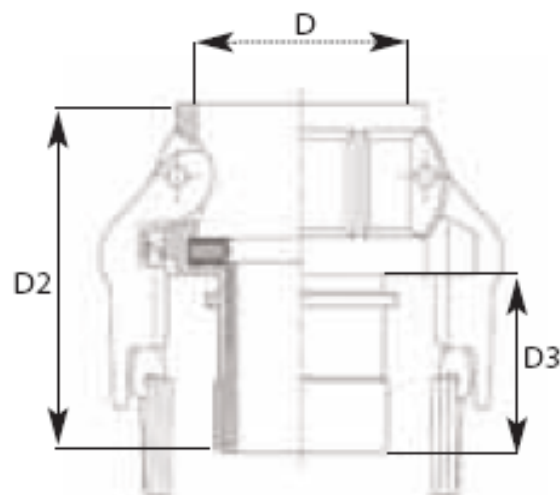
TIPO D - RACOR HEMBRA SEGURIDAD - ROSCA HEMBRA

DN	Pulg.	Rosca	Junta	D	D 2 min
20	3/4"	G 1/2	PTFE	32,0	48,0
25	1"	G 1	PTFE	37,0	57,0
32	1.1/4"	G 1.1/4	PTFE	46,0	63,0
40	1.1/2"	G 1.1/2	PTFE	54,0	68,0
50	2"	G 2	PTFE	64,0	72,0
65	2.1/2"	G 2.1/2	PTFE	77,0	79,0
80	3"	G 3	PTFE	92,2	81,0
100	4"	G 4	PTFE	120,0	84,0



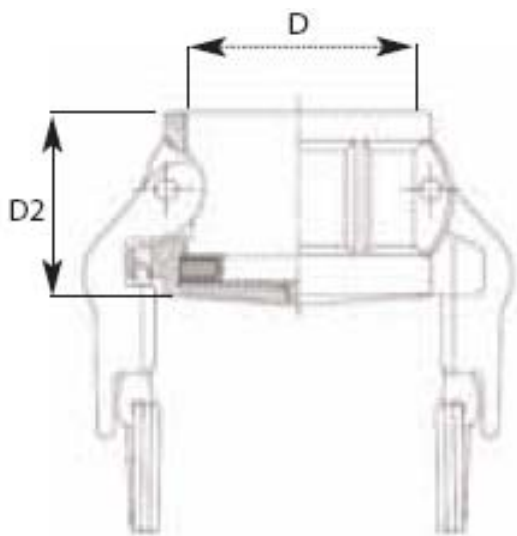
TIPO C - RACOR HEMBRA SEGURIDAD - MANGUERA

DN	Pulg.	Manguera Ødi (mm.)	D	D 2 min	D3 min
20	3/4"	19	32,0	79,0	34,0
25	1"	25	37,0	86,0	34,0
32	1.1/4"	32	46,0	92,0	34,0
40	1.1/2"	38	54,0	93,0	34,0
50	2"	50	64,0	102,0	40,0
65	2.1/2"	63	77,0	121,0	52,0
80	3"	75	92,2	125,0	56,0
100	4"	100	120,0	168,0	80,5



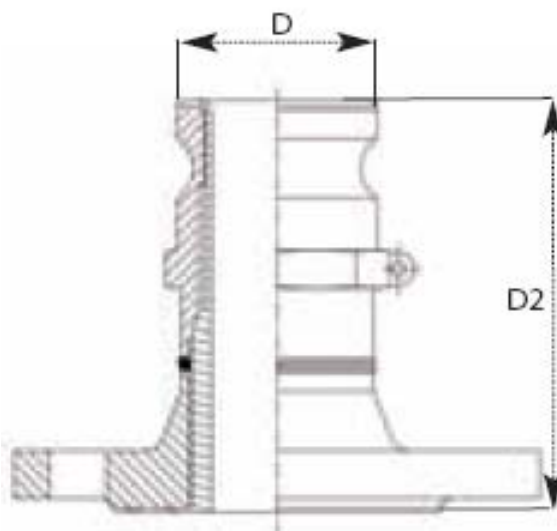
TIPO DC - TAPÓN HEMBRA SEGURIDAD

DN	Pulg.	D	D 2 min
20	3/4"	32,0	33,0
25	1"	37,0	40,0
32	1.1/4"	46,0	46,0
40	1.1/2"	54,0	46,0
50	2"	64,0	49,0
65	2.1/2"	77,0	51,0
80	3"	92,2	56,0
100	4"	120,0	56,0

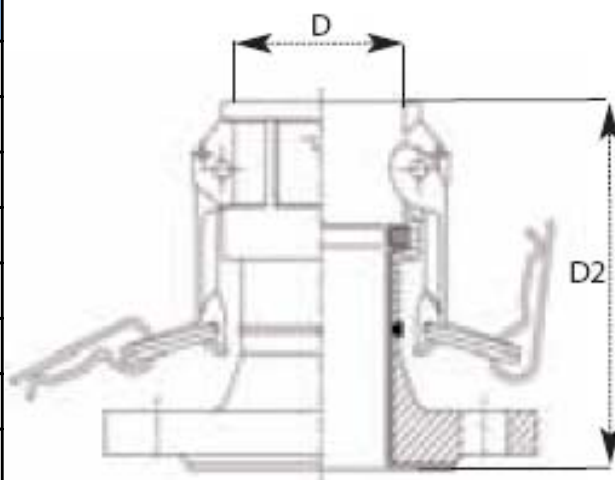


CAMLOCK

TIPO AF - ADAPTADOR MACHO - BRIDA				
DN	Pulg.	Brida sold.	D	D 2 min
20	3/4"	DIN / EN - PN10/16	32,1	95,0
25	1"	DIN / EN - PN10/16	36,7	105,0
32	1.1/4"	DIN / EN - PN10/16	45,5	114,0
40	1.1/2"	DIN / EN - PN10/16	53,4	119,0
50	2"	DIN / EN - PN10/16	63,0	129,0
65	2.1/2"	DIN / EN - PN10/16	75,8	133,0
80	3"	DIN / EN - PN10/16	91,5	144,0
100	4"	DIN / EN - PN10/16	119,5	155,0

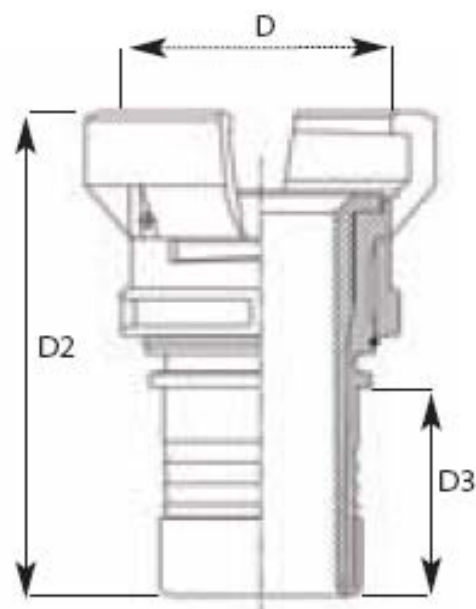


TIPO DF - RACOR HEMBRA - BRIDA				
DN	Pulg.	Brida sold.	D	D 2 min
20	3/4"	DIN / EN - PN10/16	32,4	90,0
25	1"	DIN / EN - PN10/16	37,3	96,0
32	1.1/4"	DIN / EN - PN10/16	46,0	111,0
40	1.1/2"	DIN / EN - PN10/16	54,0	115,0
50	2"	DIN / EN - PN10/16	63,8	122,0
65	2.1/2"	DIN / EN - PN10/16	76,5	125,0
80	3"	DIN / EN - PN10/16	92,2	132,0
100	4"	DIN / EN - PN10/16	120,3	137,0

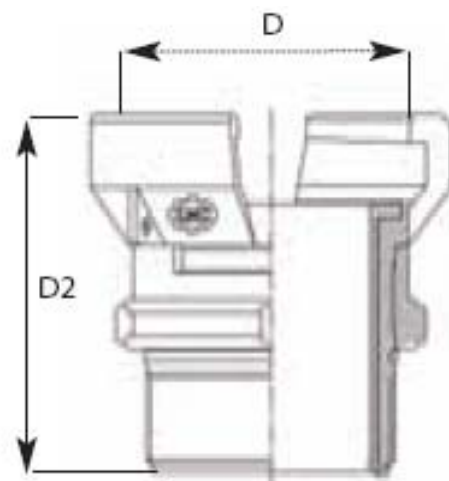


GUILLEMIN

RACOR GUILLEMIN C/ CIERRE - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	D	D 2 min	D3 min
40	1.1/2"	38	55,0	104,0	35,5
50	2"	50	69,0	135,0	57,0
50	2"	55	69,0	115,0	46,0
65	2.1/2"	65	84,0	129,0	51,5
80	3"	75	103,0	169,0	77,0
80	3"	90	103,0	150,0	70,0
100	4"	100	123,0	182,0	85,0



RACOR GUILLEMIN - ROSCA MACHO				
DN	Pulg.	Rosca	D	D 2 min
40	1.1/2"	G 1.1/2	55,0	75,0
50	2"	G 2	69,0	90,0
65	2.1/2"	G 2.1/2	69,0	90,0
80	3"	G 3	84,0	109,0
100	4"	G 4	103,0	109,0

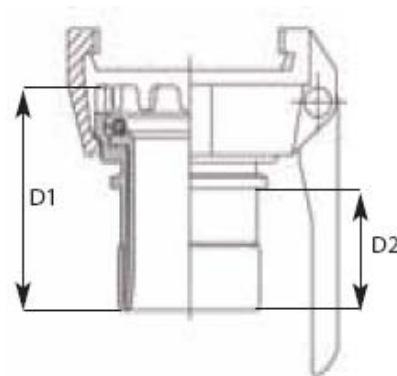


TAPÓN GUILLEMIN		
DN	Pulg.	D
40	1.1/2"	54,0
50	2"	68,0
50	2.1/2"	68,0
65	3"	83,0
80	4"	101,0

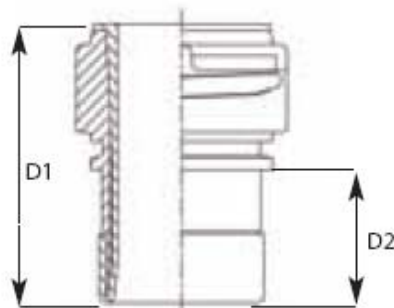


RACORES TW

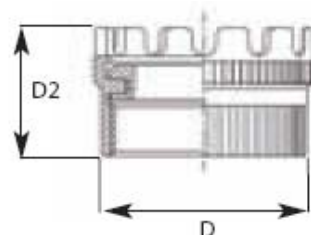
MKST - HEMBRA CON CIERRE - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	D 1 min	D 2 min	Monobloque
50	2"	38	92,0	34,0	No
50	2"	50	75,0	40,0	Sí
80	3"	50	112,0	40,0	No
80	3"	75	102,0	56,0	Sí



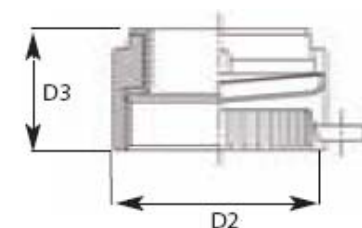
VKST - MACHO CON CIERRE - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	D 1 min	D 2 min	Monobloque
50	2"	38	90,0	34,0	No
50	2"	50	87,0	40,0	Sí
80	3"	50	108,0	40,0	No
80	3"	75	115,0	56,0	Sí



MKV - CORONA ROSCA HEMBRA					
DN	Pulg.	Rosca	Junta	D	D2 min
50	2"	G 2	PTFE	69,7	40,5
80	3"	G 3	PTFE	101	52,5

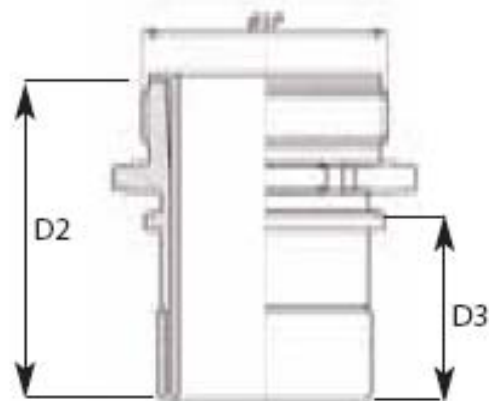


VK - ROSCA HEMBRA					
DN	Pulg.	Rosca	Junta	D2 min	D 3 min
50	2"	G 2	PTFE	67,0	39,0
80	3"	G 3	PTFE	100,0	48,0

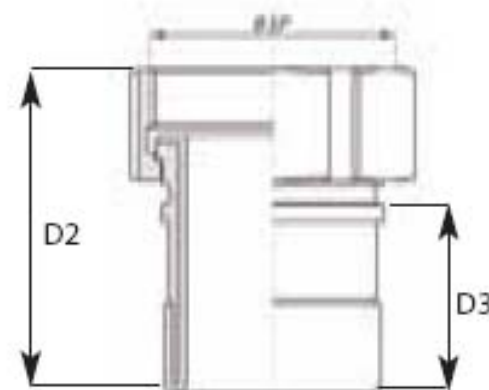


ROSCA GAS

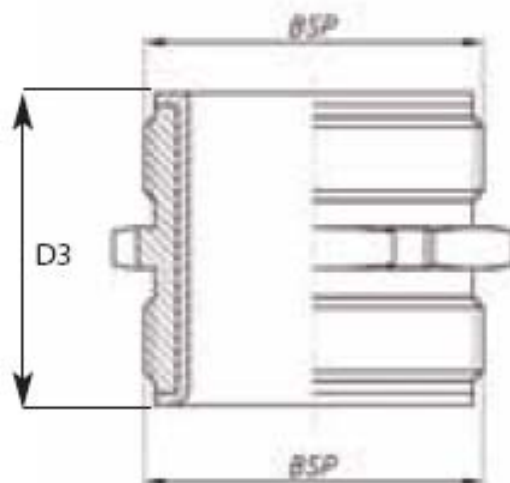
ROSCA MACHO - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	Rosca	D 2 min	D3 min
20	3/4"	19	G 3/4	62,0	34,0
25	1"	25	G 1	63,0	34,0
32	1.1/4"	32	G 1.1/4	63,5	34,0
40	1.1/2"	38	G 1.1/2	66,5	34,0
50	2"	50	G 2	75,5	40,0
65	2.1/2"	63	G 2.1/2	94,5	52,0
75	3"	75	G 3	97,5	56,0
100	4"	100	G 4	131,0	80,5



ROSCA HEMBRA - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	Rosca	D 2 min	D3 min
20	3/4"	19	G 3/4	59,0	34,0
25	1"	25	G 1	62,0	34,0
32	1.1/4"	32	G 1.1/4	62,0	34,0
40	1.1/2"	38	G 1.1/2	67,0	34,0
50	2"	50	G 2	78,0	40,0
65	2.1/2"	63	G 2.1/2	93,0	52,0
75	3"	75	G 3	101,0	56,0
100	4"	100	G 4	139,0	80,5

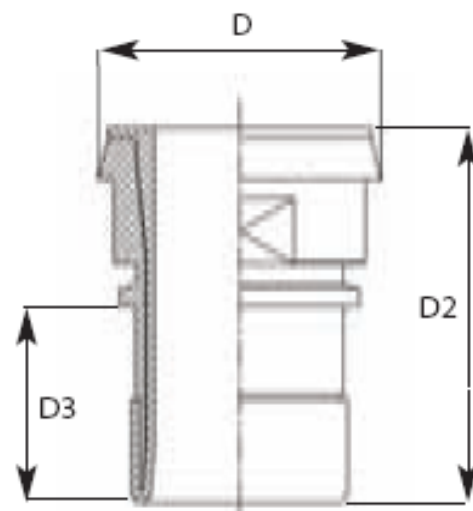


MACHÓN		
Rosca	Rosca	D3 min
G 3/4	G 3/4	34.0
G 1	G 1	34.0
G 1.1/4	G 1.1/4	34.0
G 1.1/2	G 1.1/2	34.0
G 2	G 2	40.0
G 2.1/2	G 2.1/2	52.0
G 3	G 3	56.0
G 4	G 4	80.5

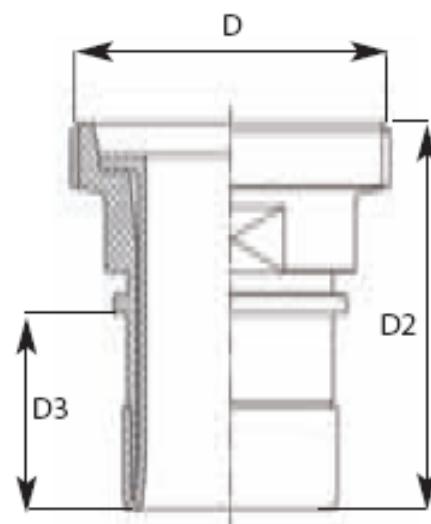


DIN11851

DIN11851 HEMBRA - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	D	D 2 min	D 3 min
20	3/4"	19	36,0	68,0	34,0
25	1"	25	44,0	70,0	34,0
32	1.1/4"	32	50,0	70,0	34,0
40	1.1/2"	38	56,0	70,0	34,0
40	1.1/2"	40	56,0	70,0	34,0
50	2"	50	68,0	78,0	40,0
65	2.1/2"	63	86,0	103,0	52,0
65	2.1/2"	65	86,0	103,0	52,0
80	3"	75	100,0	121,0	56,0
80	3"	80	100,0	121,0	56,0
100	4"	100	121,0	140,0	80,5

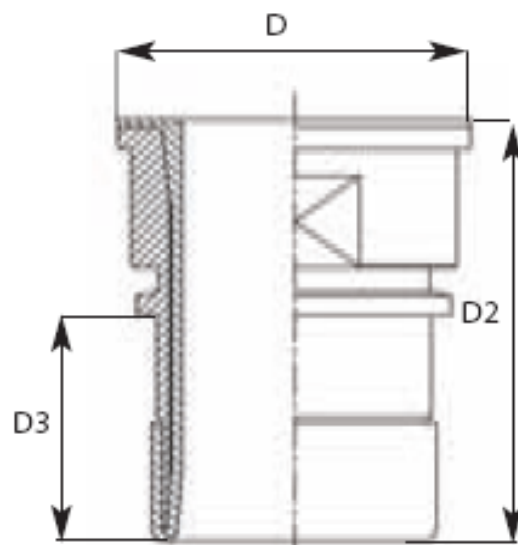


DIN11851 MACHO - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	Rosca	D 2 min	D 3 min
20	3/4"	19	Rd 44 x 1/6"	74,0	34,0
25	1"	25	Rd 52 x 1/6"	74,0	34,0
32	1.1/4"	32	Rd 58 x 1/6"	74,0	34,0
40	1.1/2"	38	Rd 65 x 1/6"	74,0	33,5
40	1.1/2"	40	Rd 65 x 1/6"	74,0	33,5
50	2"	50	Rd 78 x 1/6"	80,5	40,0
65	2.1/2"	63	Rd 95 x 1/6"	107,0	52,0
65	2.1/2"	65	Rd 95 x 1/6"	107,0	52,0
80	3"	75	Rd 110 x 1/6"	127,5	56,0
80	3"	80	Rd 110 x 1/4"	127,5	56,0
100	4"	100	Rd 130 x 1/4"	144,0	80,5

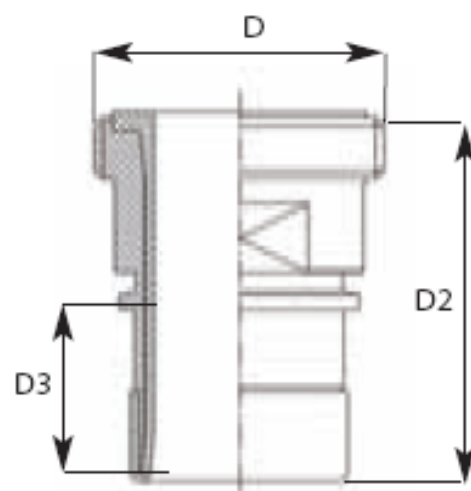


SMS

SMS HEMBRA - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	D	D 2 min	D 3 min
1"	25	25	35,5	59,0	34,0
1.1/4"	32	32	42,5	59,0	34,0
1.1/2"	38	38	55,0	67,5	34,0
2"	51	50	65,0	75,6	40,0
2.1/2"	63,5	63	80,0	100,0	52,0
3"	76	75	93,0	115,0	56,0
4"	101,6	100	127,0	122,0	80,5

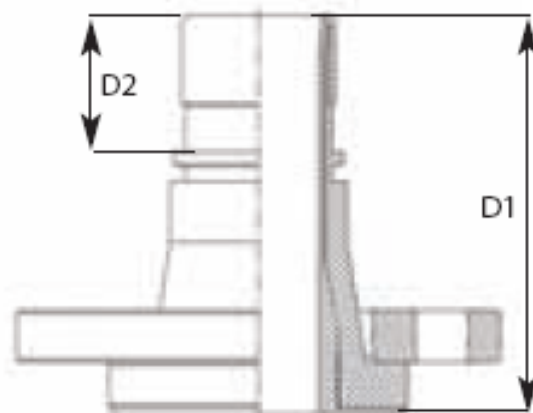


SMS MACHO - MANGUERA					
DN	Pulg.	Manguera Ødi (mm.)	Rosca	D 2 min	D 3 min
1.1/4"	32	32	RD 48 x 1/6"	71,0	34,0
1.1/2"	38	38	RD 60 x 1/6"	80,0	33,5
2"	51	50	RD 70 x 1/6"	87,0	40,0
2.1/2"	63,5	63	RD 85 x 1/6"	111,0	52,0
3"	76	75	RD 98 x 1/6"	124,5	56,0
4"	101,6	100	RD 132 x 1/6"	150,0	80,5

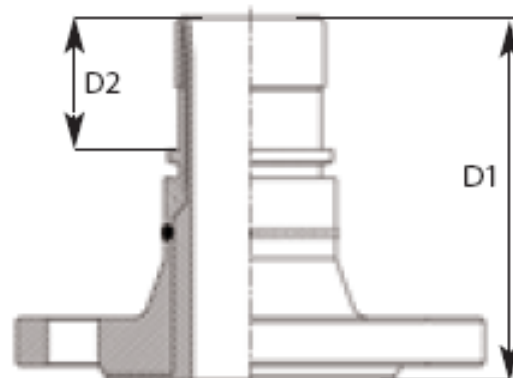


BRIDAS

BRIDA GIRATORIA - MANGUERA					
DN	Pulg.	Brida	Manguera Ødi (mm.)	D1	D2
20	3/4"	EN-DIN PN 10/16	19	90,0	34,0
25	1"	EN-DIN PN 10/16	25	90,0	34,0
32	1.1/4"	EN-DIN PN 10/16	32	90,0	34,0
40	1.1/2"	EN-DIN PN 10/16	38	91,0	33,5
50	2"	EN-DIN PN 10/16	50	107,0	40,0
65	2.1/2"	EN-DIN PN 10/16	63	120,0	52,0
80	3"	EN-DIN PN 10/16	75	129,0	56,0
100	4"	EN-DIN PN 10/16	100	169,0	80,5



BRIDA FIJA - MANGUERA					
DN	Pulg.	Brida	Manguera Ødi (mm.)	D1	D2
20	3/4"	EN-DIN PN 10/16	19	88,0	34,0
25	1"	EN-DIN PN 10/16	25	88,0	34,0
32	1.1/4"	EN-DIN PN 10/16	32	90,0	34,0
40	1.1/2"	EN-DIN PN 10/16	38	93,0	34,0
50	2"	EN-DIN PN 10/16	50	107,0	40,0
65	2.1/2"	EN-DIN PN 10/16	63	120,0	52,0
80	3"	EN-DIN PN 10/16	75	129,0	56,0
100	4"	EN-DIN PN 10/16	100	171,0	80,5



CONDUCCIÓN Y ESTANQUEIDAD DE FLUIDOS



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Quality Management Systems


ISO 9001 : 2000
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