

# ITALGOMMA S.R.L.

di *Giuseppe Grassi*

COMPONENTI IN ACCIAIO PER L'INDUSTRIA

Alimentare, Chimica e Farmaceutica

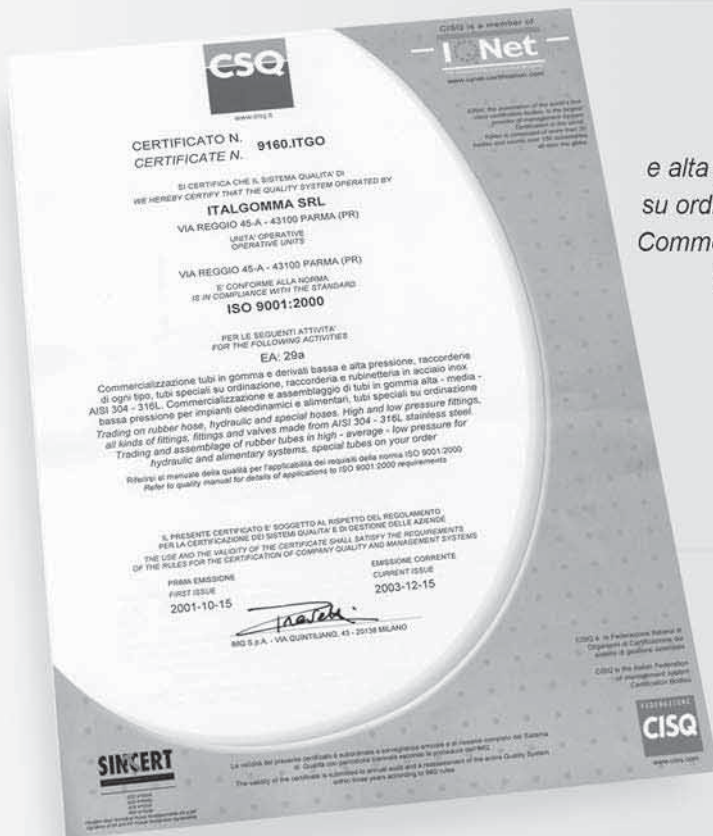


# ITALGOMMA S.R.L.

## ISO 9001:2000

**CONFORME ALLA NORMA  
UNI EN ISO 9001:2000  
PER LE SEGUENTI ATTIVITA':**

*Commercializzazione tubi in gomma e derivati bassa e alta pressione, raccorderia e rubinetteria di ogni tipo, tubi speciali su ordinazione, raccorderie e rubinetteria in acciaio inox 304 - 316L. Commercializzazione e assemblaggio di tubi in gomma alta - media - bassa pressione per impianti oleodinamici e alimentari, tubi speciali su ordinazione.*



**IS IN COMPLIANCE WITH THE STANDARD  
UNI EN ISO 9001:2000**

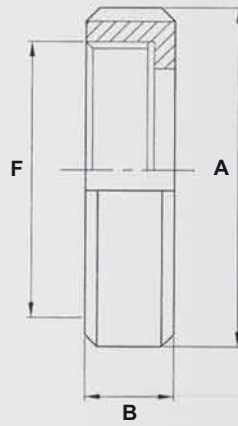
**CONCERNING THE FOLLOWING ACTIVITIES:**

*Trading on rubber hoses, hydraulic and special hoses.  
High and low pressure fittings, all kinds of fittings, fittings made from AISI 304 and AISI 316L stainless steel.  
Trading and assemblage of rubber tubes in high - average - low pressure for hydraulic and alimentary systems, special tubes on your order.*

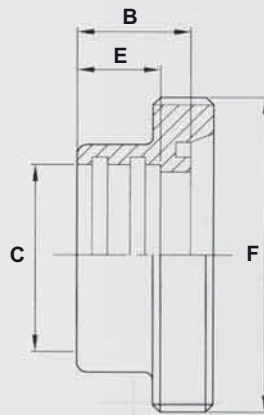


# INDICE

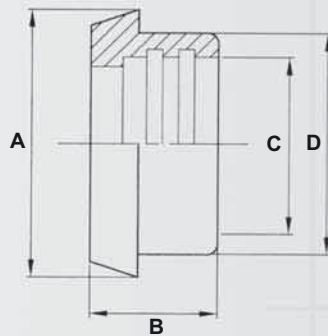
ASTA REGOLATORE DI LIVELLO.....	Pag. 35
CARTELLE.....	Pag. 31
CERNIERE - PIEDINI - CHIUSURE.....	Pag. 70-72
CHIUSINI IGIENICI.....	Pag. 68
COMPENSATORI DI DILATAZIONE.....	Pag. 75
CURVA DOPPIA - C/TEE - CROCE.....	Pag. 17-18
CURVE A MANDRINARE 90° - 45° - 180°.....	Pag. 15-16
CURVE A SALDARE - SS.....	Pag. 12-14
DIVOSFERA ( DIFFUSORI DI LAVAGGIO).....	Pag. 67
FILTRI.....	Pag. 27
FLANGE INOX - ALLUMINIO.....	Pag. 22-26
FONDELLI.....	Pag. 31
GALLEGGIANTI.....	Pag. 35
INDICATORI DI PASSAGGIO - SPECOLE.....	Pag. 28-29
MANDRINI SERIE DIN.....	Pag. 32
MANOMETRI.....	Pag. 32
PEZZO A Y.....	Pag. 17
PORTALIVELLI.....	Pag. 33
RACCORDERIA E VALVOLE CLAMP.....	Pag. 53-56
RACCORDERIA ENOLOGICA.....	Pag. 61-63
RACCORDERIA GAS.....	Pag. 8-11
RACCORDERIA PER TUBO INOX AD OGIVA.....	Pag. 73
RACCORDERIA RJT-BS ISS-IDF.....	Pag. 64-65
RACCORDERIA SERIE DIN.....	Pag. 1-7
RACCORDERIA SMS.....	Pag. 57-60
RACCORDI DA MICROFUSIONE.....	Pag. 66
REGGITUBI.....	Pag. 30
RIDUZIONI CONC. ED ECC.....	Pag. 20-21
RUB. PRELEV. CAMPIONE.....	Pag. 33
RUBINETTO MASCHIO 2 - 3 VIE.....	Pag. 38
TEE DIN A SALDARE - RIDOTTI.....	Pag. 18-19
TERMOMETRI.....	Pag. 32
VALVOLA BV KI.....	Pag. 45
VALVOLA CLAPET - SOUNDERS.....	Pag. 43
VALVOLA DI RITEGNO - SQUADRO.....	Pag. 34
VALVOLA FARFALLA.....	Pag. 44-45
VALVOLA SPILLO - FLUSSO AVVIATO.....	Pag. 33-34
VALVOLE PNEUMATICHE.....	Pag. 46-52
VALVOLE SFERA OTTONE SBIANCATO.....	Pag. 39-42
VALVOLE SFERA.....	Pag. 36-38



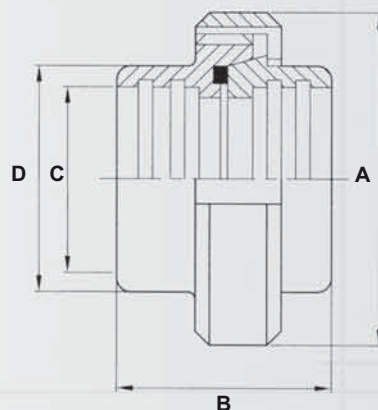
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15	44.0	18.0	34-8
20	54.0	21.0	44-6
25	63.0	21.0	52-6
32	70.0	21.0	58-6
40	78.0	21.0	65-6
50	92.0	22.0	78-6
65	112.0	25.0	95-6
80	127.0	30.0	110-4
90	138.0	30.0	120-4
100	148.0	31.0	130-4
125	178.0	35.0	160-4
150	210.0	41.0	190-4



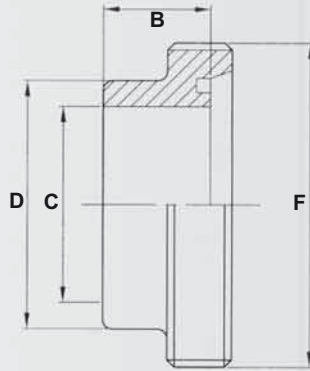
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10	17.0	12.0	12.0	28-8
15	17.0	18.0	12.0	34-8
20	18.0	22.0	12.0	44-6
25	22.0	28.0	15.0	52-6
32	25.0	34.0	18.0	58-6
40	26.0	40.0	20.0	65-6
50	28.0	52.0	22.0	78-6
65	32.0	70.0	25.0	95-6
80	37.0	85.0	28.0	110-4
90	35.0	89.3	28.0	120-4
100	44.0	101.6	35.0	130-4
104	44.0	104.0	35.0	130-4



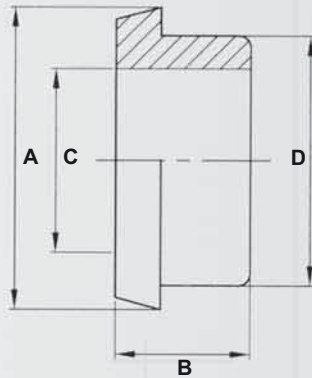
DN	A	B	C	D
10	22.0	17.0	12.0	18.0
15	28.0	17.0	18.0	24.0
20	36.0	18.0	22.0	30.0
25	44.0	22.0	28.0	35.0
32	50.0	25.0	34.0	41.0
40	56.0	26.0	40.0	48.0
50	68.0	28.0	52.0	61.0
65	86.0	32.0	70.0	79.0
80	100.0	37.0	85.0	93.0
90	111.0	35.0	89.3	102.0
100	121.0	44.0	101.6	114.0
104	121.0	44.0	104.0	114.0



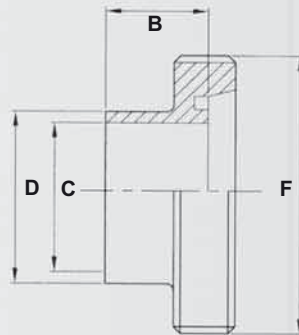
DN	A	B	C	D
10	38.0	35.0	12.0	18.0
15	44.0	35.0	18.0	24.0
20	54.0	37.0	22.0	30.0
25	63.0	45.0	28.0	35.0
32	70.0	51.0	34.0	41.0
40	78.0	53.0	40.0	48.0
50	92.0	57.0	52.0	61.0
65	112.0	65.0	70.0	79.0
80	127.0	75.0	85.0	93.0
90	138.0	71.0	89.3	102.0
100	148.0	89.0	101.6	114.0
104	148.0	89.0	104.0	114.0



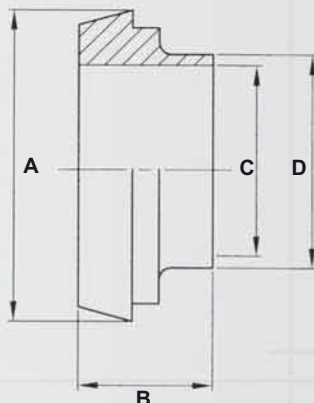
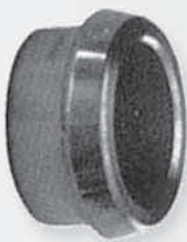
DN	B	C	D	F
10	17,0	10,0	18,0	28-8
15	17,0	16,0	24,0	34-8
20	18,0	20,0	30,0	44-6
25	22,0	25,0	35,0	52-6
32	25,0	31,0	41,0	58-6
40	26,0	37,0	48,0	65-6
50	28,0	49,0	61,0	78-6
65	32,0	66,0	79,0	95-6
80	37,0	81,0	93,0	110-4
90	35,0	85,0	103,0	120-4
100	44,0	97,6	114,0	130-4
104	44,0	100,0	114,0	130-4
125	23,0	125,0	137,0	160-4
150	37,0	150,0	163,0	190-4



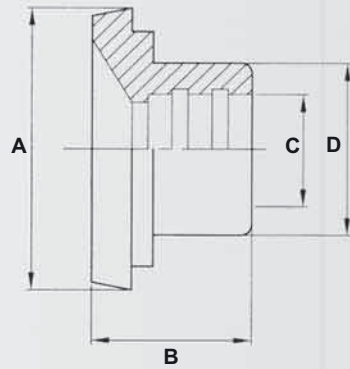
DN	A	B	C	D
10	22,0	17,0	10,0	18,0
15	28,0	17,0	16,0	24,0
20	36,0	18,0	20,0	30,0
25	44,0	22,0	25,0	35,0
32	50,0	25,0	31,0	41,0
40	56,0	26,0	37,0	48,0
50	68,0	28,0	49,0	61,0
65	86,0	32,0	66,0	79,0
80	100,0	37,0	81,0	93,0
90	111,0	35,0	85,0	103,0
100	121,0	44,0	97,6	114,0
104	121,0	44,0	100,0	114,0
125	150,0	23,0	125,0	137,0
150	176,0	37,0	150,0	163,0



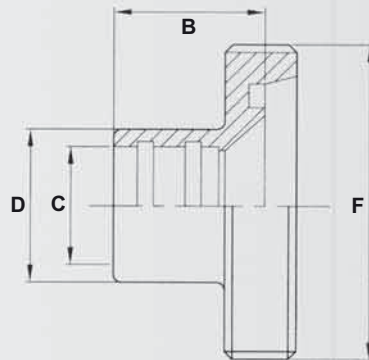
DN	B	C	D	F
10	17,0	10,0	12,0	28-8
15	17,0	16,0	18,0	34-8
20	18,0	20,0	22,0	44-6
25	22,0	25,0	28,0	52-6
32	25,0	31,0	34,0	58-6
40	26,0	37,0	40,0	65-6
50	28,0	49,0	52,0	78-6
65	32,0	66,0	70,0	95-6
80	37,0	81,0	85,0	110-4
100	44,0	97,6	101,6	130-4
104	44,0	100,0	104,0	130-4



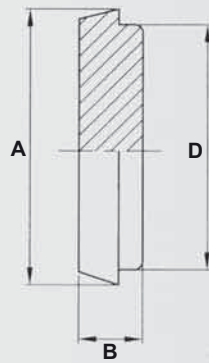
DN	A	B	C	D
10	22,0	17,0	10,0	12,0
15	28,0	17,0	16,0	18,0
20	36,0	18,0	20,0	22,0
25	44,0	22,0	25,0	28,0
32	50,0	25,0	31,0	34,0
40	56,0	26,0	37,0	40,0
50	68,0	28,0	49,0	52,0
65	86,0	32,0	66,0	70,0
80	100,0	37,0	81,0	85,0
100	121,0	44,0	97,6	101,6
104	121,0	44,0	100,0	104,0



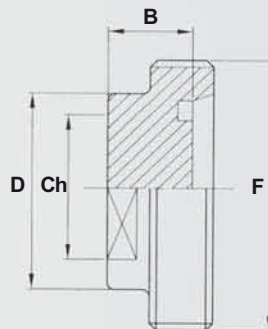
DN	A	B	C	D
32/25	50,0	25,0	28,0	35,0
40/25	56,0	25,0	28,0	35,0
40/32	56,0	28,0	34,0	41,0
50/25	68,0	28,0	28,0	35,0
50/32	68,0	28,0	34,0	41,0
50/40	68,0	31,0	40,0	48,0
65/40	86,0	32,0	40,0	48,0
65/50	86,0	33,0	52,0	61,0
80/65	100,0	38,0	70,0	79,0
100/80	121,0	41,0	85,0	93,0



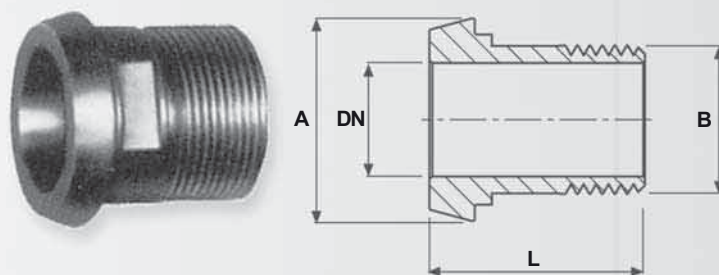
DN	B	C	D	F
32/25	21,0	28,0	35,0	58-6
40/25	21,0	28,0	35,0	65-6
40/32	23,0	34,0	41,0	65-6
50/25	27,0	28,0	35,0	78-6
50/32	27,0	34,0	41,0	78-6
50/40	28,0	40,0	48,0	78-6
65/40	28,0	40,0	48,0	95-6
65/50	32,0	52,0	61,0	95-6
80/65	34,0	70,0	79,0	110-4
100/80	35,0	85,0	93,0	130-4



DN	A	B	D
10	22,0	10,0	18,0
15	28,0	10,0	24,0
20	36,0	12,0	30,0
25	44,0	14,0	35,0
32	50,0	14,0	41,0
40	56,0	14,0	48,0
50	68,0	15,0	61,0
65	86,0	17,0	79,0
80	100,0	17,0	93,0
100	121,0	21,0	114,0
125	150,0	24,0	137,0
150	176,0	25,0	163,0

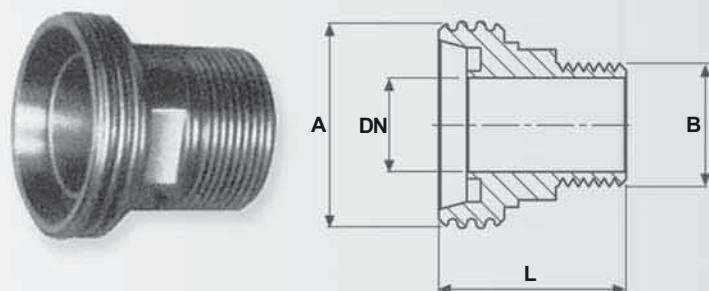


DN	B	Ch	D	F
10	18,0	13,0	18,0	28-8
15	18,0	19,0	24,0	34-8
20	18,0	24,0	30,0	44-6
25	17,0	27,0	35,0	52-6
32	17,0	32,0	41,0	58-6
40	17,0	40,0	48,0	65-6
50	17,0	50,0	61,0	78-6
65	18,0	65,0	79,0	95-6
80	22,0	80,0	93,0	110-4
100	20,0	100,0	114,0	130-4



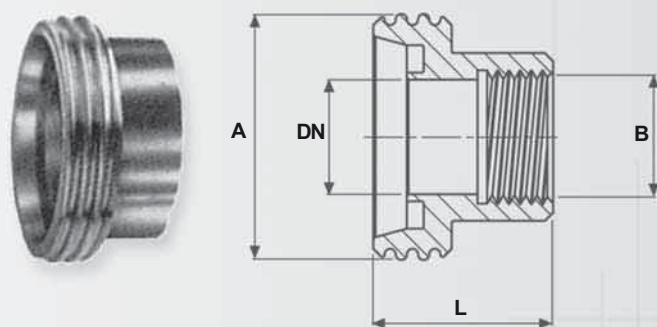
DN	L	ØA	ØB
10	30	22	3/8"
15	33	28	1/2"
20	38	36	3/4"
25	42	44	1"
32	45	50	1"1/4
40	47	56	1"1/2
50	51	68	2"
65	52	86	2"1/2
80	57	100	3"
100	60	121	4"

- A richiesta si forniscono altre misure



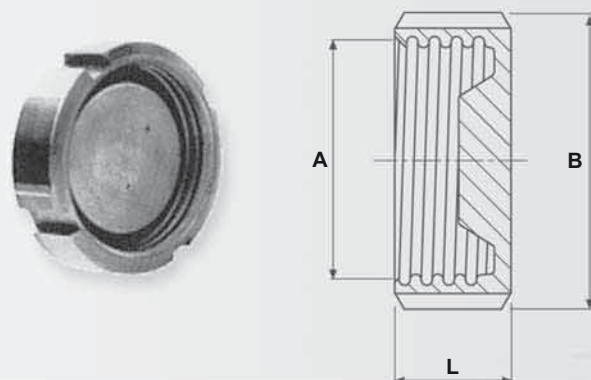
DN	L	ØA	ØB
10	35	28x1/8"	3/8"
15	37	34x1/8"	1/2"
20	40	44x1/6"	3/4"
25	46	52x1/6"	1"
32	47	58x1/6"	1"1/4
40	48	65x1/6"	1"1/2
50	50	78x1/6"	2"
65	52	95x1/6"	2"1/2
80	65	110x1/4"	3"
100	65	130x1/4"	4"

- A richiesta si forniscono altre misure

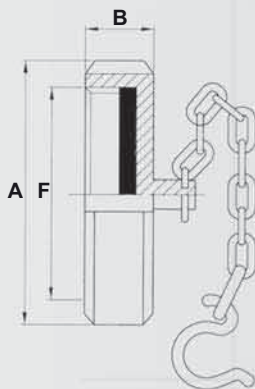


DN	L	ØA	ØB
10	25	28X1/8"	3/8"
15	26	34X1/8"	1/2"
20	28	44X1/6"	3/4"
25	30	52X1/6"	1"
32	31	58X1/6"	1"1/4
40	32	65X1/6"	1"1/2
50	34	78X1/6"	2"
65	36	95X1/6"	2"1/2
80	40	110X1/4"	3"
100	42	130X1/4"	4"

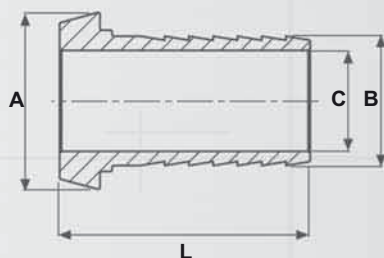
- A richiesta si forniscono altre misure



DN	L	ØA	ØB
10	18	28X1/8"	38
15	18	34X1/8"	44
20	21	44X1/6"	54
25	21	52X1/6"	63
32	21	58X1/6"	70
40	21	65X1/6"	78
50	22	78X1/6"	92
65	25	95X1/6"	112
80	30	110X1/4"	127
100	31	130X1/4"	148

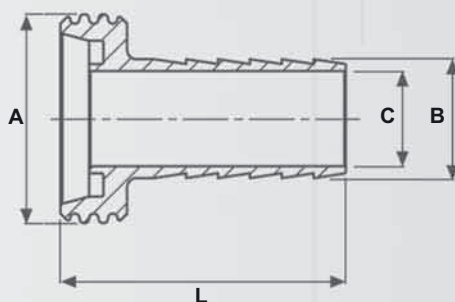
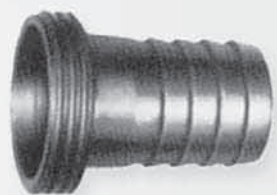


DN	A	B	F
10	38,0	18,0	28-8
15	44,0	18,0	34-8
20	54,0	21,0	44-6
25	63,0	21,0	52-6
32	70,0	21,0	58-6
40	78,0	21,0	65-6
50	92,0	22,0	78-6
65	112,0	25,0	95-6
80	127,0	30,0	110-4
100	148,0	31,0	130-4
125	178,0	35,0	160-4
150	210,0	41,0	190-4



DN	L	ØA	ØB	ØC
10	35	22	13	9
15	42	28	19	14
20	56	36	25	20
25	62	44	32	25
32	65	50	40	32
40	73	56	48	40
50	85	68	60	50
65	90	86	70	60
80	100	100	90	80
100	115	121	100	90

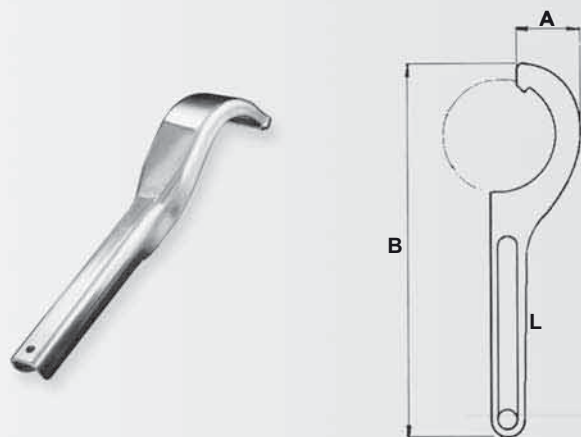
DN	L	ØA	ØB	ØC
15	35	28	13	9
20	50	36	19	14
25	58	44	25	20
32	65	50	32	25
40	73	56	40	32
50	80	68	50	40
65	90	86	60	50
80	100	100	80	65
100	115	121	90	80



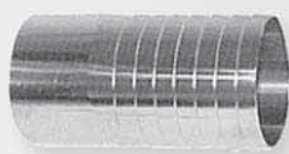
DN	L	ØA	ØB	ØC
10	40	28X1/8"	13	9
15	50	34X1/8"	19	14
20	60	44X1/6"	25	20
25	66	52X1/6"	32	25
32	69	58X1/6"	40	32
40	72	65X1/6"	48	40
50	88	78X1/6"	60	50
65	94	95X1/6"	70	60
80	105	110X1/4"	90	80
100	115	130X1/4"	100	90

DN	L	ØA	ØB	ØC
15	42	34X1/6"	13	9
20	55	44X1/6"	19	14
25	59	52X1/6"	25	20
32	66	58X1/6"	32	25
40	73	65X1/6"	40	32
50	80	78X1/6"	50	40
65	90	95X1/6"	60	50
80	100	110X1/4"	80	65
100	115	130X1/4"	90	80



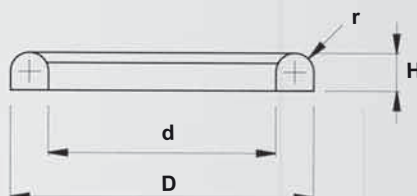


DN	A	B
25	55	255
32	55	255
40	55	255
50	55	255
65	55	255
80	55	255
100	55	255



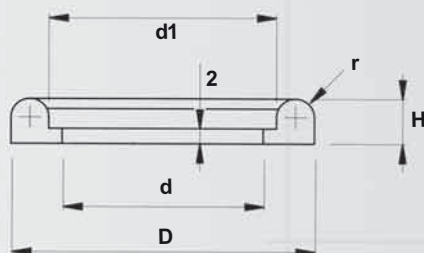
DN	Ø
25	28
32	34
40	40
50	52
60	60
65	70
80	80
90	90
100	100

Art.	5	5/A	5/B	5/D	5/C
Materiale	NBR	EPDM	SIL.	VITON	PTFE
	SHA/70±5	SHA/70±5	SHA/70±5	SHA/70±5	



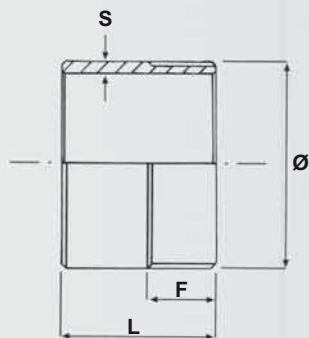
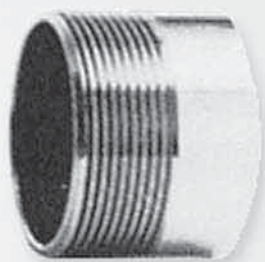
DN	D	d	H	r
10	20	12	4,5	2,3
15	26	18	4,5	2,3
20	33	23	4,5	2,8
25	40	30	5	2,8
32	46	36	5	2,8
40	52	42	5	2,8
50	64	54	5	2,8
60	72	62	5	2,8
65	81	71	5	2,8
80	95	85	5	2,8
90	104	94	5	2,8
100	114	104	6	2,8
125	142	130	7	3,5
150	167	155	7	3,5

Art.	5/E	5/G	5/F	5/i	5/H
Materiale	NBR	EPDM	SIL.	VITON	PTFE
	SHA/70±5	SHA/70±5	SHA/70±5	SHA/70±5	

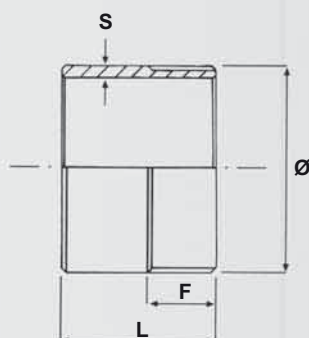
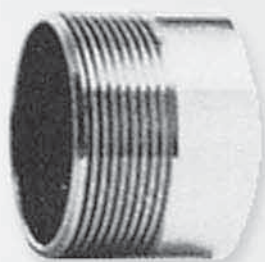


DN	D	d	d1	H	r
25	40	26,5	30	6	2,8
32	46	32,5	36	6	2,8
40	52	38,5	42	6	2,8
50	64	50,5	54	6	2,8
65	81	66,5	71	6	2,8
80	95	81,5	85	6	2,8
100	114	100,5	104	6	2,8
125	142	125	130	7	3,5
150	167	150	155	7	3,5

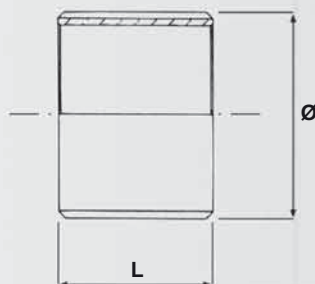
Proprietà fisiche	NBR	EPDM	SILICONE	VITON	PTFE
Resistenza alla trazione	buona	buona	eccellente	buona	eccellente
Proprietà elettriche	insufficiente	eccellente	eccellente	buona	eccellente
Resistenza all'ozono	insufficiente	eccellente	eccellente	eccellente	eccellente
Resistenza al caldo	buona	eccellente	eccellente	eccellente	eccellente
Resistenza al freddo	buona	buona	eccellente	buona	accettabile
Resistenza al vapore	insufficiente	buona	insufficiente	insufficiente	eccellente
Resistenza al taglio	buona	buona	buona	accettabile	eccellente
Resistenza all'abrasione	buona	buona	buona	buona	eccellente
Resistenza all'acido	buona	buona	insufficiente	buona	eccellente
Resistenza al petrolio	buona	scarsa	insufficiente	eccellente	eccellente
Resistenza agli olii vegetali	eccellente	insufficiente	buona	eccellente	eccellente
Resistenza alla fiamma	insufficiente	insufficiente	insufficiente	buona	eccellente
Resistenza all'ozono e raggi solari	insufficiente	eccellente	eccellente	eccellente	eccellente
Compressioni Set	buona	buona	eccellente	buona	
Sterilizzazione al vapore	insufficiente	buona	buona	buona (cicli)	flussi freddi



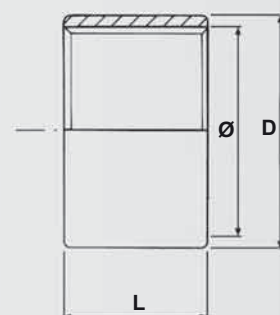
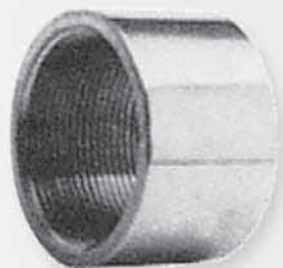
Ø	S	L	F
1/8"	2	20	10
1/4"	2	25	12
3/8"	2	25	12
1/2"	2,5	30	15
3/4"	3	30	15
1"	3	35	17
1 1/4"	3	38	18
1 1/2"	3	40	20
2"	3,5	45	22
2 1/2"	4	50	23
3"	4	55	26
4"	5	60	28



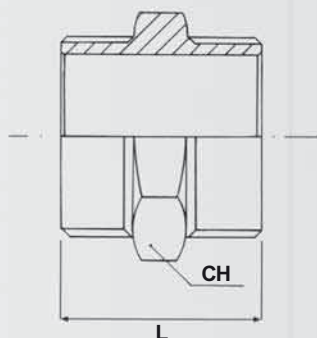
Ø	S	L	F
1/8"	2	30 - 100	10
1/4"	2	30 - 100	12
3/8"	2	30 - 100	12
1/2"	2,5	35 - 50 - 100	15
3/4"	3	40 - 100	15
1"	3	40 - 50 - 100	17
1 1/4"	3	50 - 100	18
1 1/2"	3	50 - 100	20
2"	3,5	50 - 100	22
2 1/2"	4	60 - 100	23
3"	4	70 - 100	26
4"	5	80 - 100	28



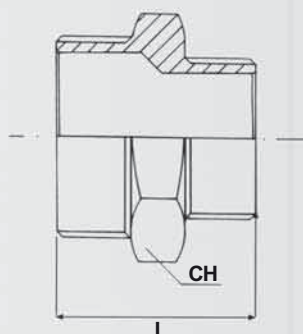
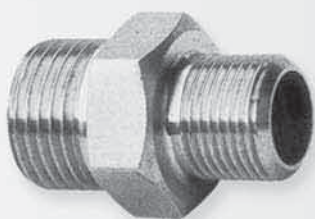
Ø	L
1/8"	20
1/4"	25
3/8"	25
1/2"	30
3/4"	30
1"	35
1 1/4"	38
1 1/2"	40
2"	45
2 1/2"	55
3"	60
4"	70



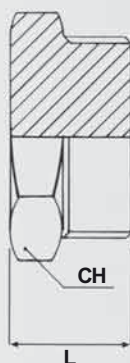
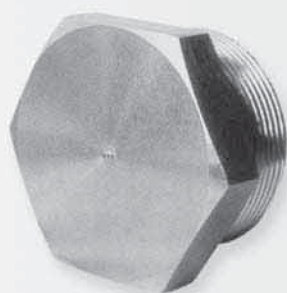
Ø	D	L
1/8"	14	18
1/4"	18	20
3/8"	22	21
1/2"	27	25
3/4"	32	30
1"	40	34
1 1/4"	48	36
1 1/2"	56	38
2"	68	42
2 1/2"	84	48
3"	97	50
4"	124	60
5"	150	70



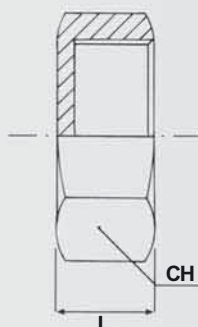
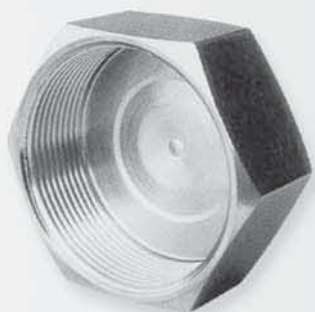
Ø	L	CH
1/8"	28	13
1/4"	30	15
3/8"	34	19
1/2"	38	24
3/4"	43	30
1"	46	36
1 1/4"	50	46
1 1/2"	58	50
2"	60	65
2 1/2"	70	80
3"	80	95
4"	90	125



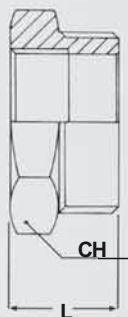
Ø <sub>1</sub> ÷Ø <sub>2</sub>	Ø <sub>1</sub> ÷Ø <sub>2</sub>	L	CH
1/4"÷1/8"		29	15
3/8"÷1/4"	3/8"÷1/8"	33	19
1/2"÷3/8"	1/2"÷1/4"	36	24
3/4"÷1/2"	3/4"÷3/8"	42	30
1"÷3/4"	1"÷1/2"	45	36
1 1/4"÷1"	1 1/4"÷1"	49	46
1 1/2"÷1 1/4"	1 1/2"÷1"	54	50
2"÷1 1/2"	2"÷1 1/4"	59	65



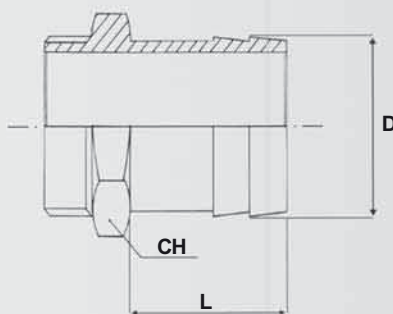
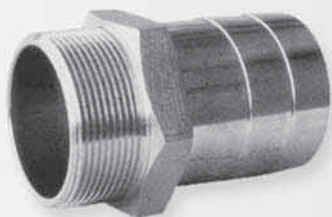
Ø	L	CH
1/8"	20	13
1/4"	20	15
3/8"	22	19
1/2"	23	24
3/4"	26	30
1"	30	36
1 1/4"	30	46
1 1/2"	35	50
2"	36	65
2 1/2"	44	80
3"	50	95
4"	55	120



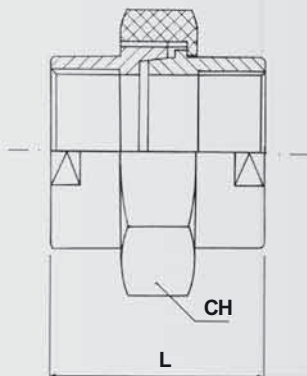
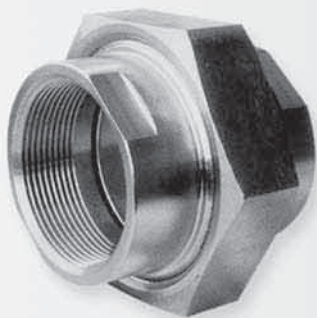
Ø	L	CH
1/8"	14	15
1/4"	16	19
3/8"	17	24
1/2"	19	27
3/4"	20	32
1"	22	40 - 41
1 1/4"	25	50
1 1/2"	29	55
2"	29	65
2 1/2"	32	85
3"	33	100
4"	38	124



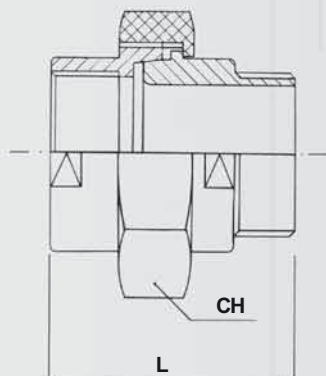
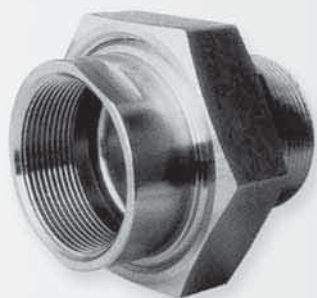
$\varnothing_M \div \varnothing_F$	$\varnothing_M \div \varnothing_F$	L	CH
1/4 ÷ 1/8		20	15
3/8 ÷ 1/4	3/8 ÷ 1/8	22	19
1/2 ÷ 3/8	1/2 ÷ 1/4	23	24
3/4 ÷ 1/2	3/4 ÷ 3/8	26	30
1" ÷ 3/4"	1" ÷ 1/2"	30	36
1"1/4 ÷ 1"	1"1/2 ÷ 1"	30	46
1"1/2 ÷ 1"1/4	1"1/2 ÷ 1"	35	50
2" ÷ 1"1/2	2" ÷ 1"1/4	36	65
2"1/2 ÷ 2"	2"1/2 ÷ 1"1/2	44	80
3" ÷ 2"1/2	3" ÷ 2"	50	100
4" ÷ 3"	4" ÷ 2"1/2	55	120



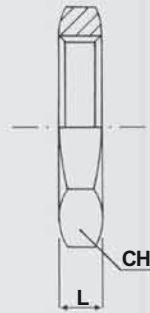
$\varnothing$	L	CH	D
1/8	22	13	10
1/4	24	15	14
3/8	28	19	17
1/2	32	24	21
3/4	36	30	27
1"	36	36	30 - 33
1"1/4	40	46	42
1"1/2	48	50	48
2"	60	65	60
2"1/2	64	80	75
3"	67	95	88
4"	70	120	113



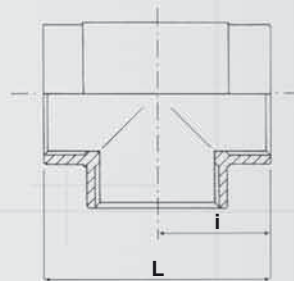
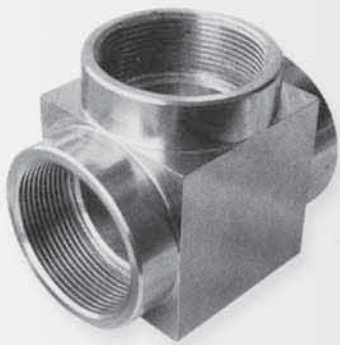
$\varnothing$	L	CH
1/8	41	32
1/4	41	32
3/8	43	36
1/2	46	46
3/4	52	50
1"	56	55
1"1/4	62	70
1"1/2	65	75
2"	75	90
2"1/2	83	110
3"	98	125



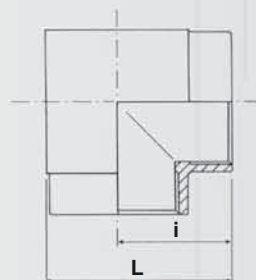
$\varnothing$	L	CH
1/8	50	32
1/4	50	32
3/8	57	36
1/2	60	46
3/4	60	50
1"	69	55
1"1/4	75	70
1"1/2	80	75
2"	90	90



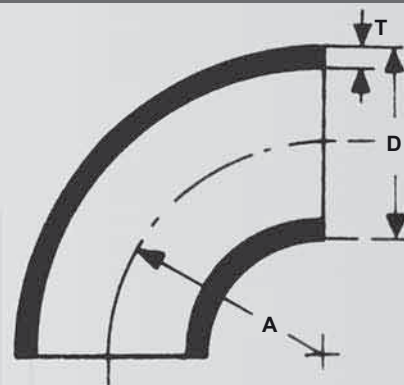
Ø	L	CH
1/4	6	19
3/8	7	27
1/2	8	30
3/4	9	36
1"	10	46
1"1/4	11	50
1"1/2	12	60 - 65
2"	13	70
2"1/2	14	90



Ø	L	i
1/8"	34	18
1/4"	40	20
3/8"	45	23
1/2"	50	28
3/4"	63	32
1"	68	33
1"1/4"	90	45
1"1/2"	95	48
2"	110	55

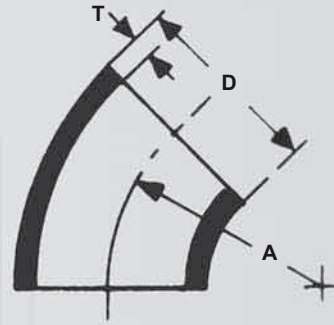
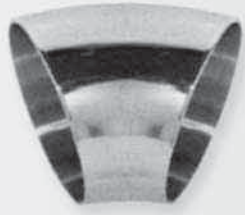


Ø	L	i
1/8"	25	18
1/4"	30	20
3/8"	35	23
1/2"	40	28
3/4"	50	32
1"	55	33
1"1/4"	70	45
1"1/2"	75	48
2"	90	55



- RICAVATE DA TUBO - LAMIERA
- ESECUZIONE ELETTROUNITE

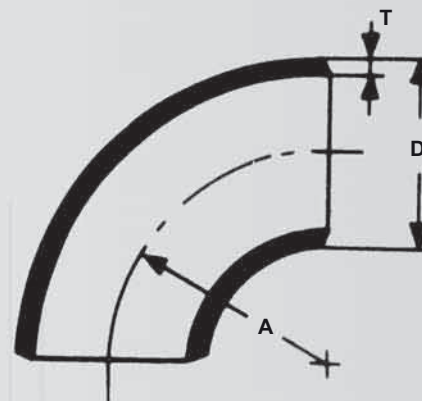
Ø Esterno (D)	Raggio (A)	Spessore 1,5 (T)	Spessore 2,0 (T)	Spessore 2,5 (T)	Spessore 3,0 (T)	Spessore 4,0 (T)
13,5	20,5	•	•			
17,2	28,5	•	•			
18	27	•	•			
20	30	•	•			
21,3	31,8	•	•			
23	34,5	•	•			
25	38	•	•			
25,4	38	•	•			
26,9	28,5	•	•	•		
28	42	•	•	•		
30	45	•	•	•		
33	49,5	•	•	•		
33,7	38	•	•	•	•	
38	57	•	•	•	•	
40	60	•	•	•	•	
42,4	47,6	•	•	•	•	
43	64,5	•	•	•	•	
44,5	66	•	•	•	•	
48,3	57,1	•	•	•	•	
50,8	75	•	•	•	•	
52	78	•	•	•	•	
53	79,5	•	•	•	•	
54	68,5	•	•	•	•	
60,3	76,2	•	•	•	•	
63,5	94,5	•	•	•	•	
70	92	•	•	•	•	
73	95,2	•	•	•	•	
73	109,5	•	•	•	•	
76,1	96	•	•	•	•	
76,1	114,1	•	•	•	•	
80	120	•	•	•	•	
84	126,5	•	•	•	•	
88,9	114,5	•	•	•	•	
101,6	133,5	•	•	•	•	
104	150		•	•	•	
108	142,5		•	•	•	
114,3	152,5		•	•	•	
129	190		•	•	•	
139,7	190,5		•	•	•	•
154	225		•	•	•	•
168,3	229		•	•	•	•
204	300		•	•	•	•
219	305		•	•	•	•
254	375		•	•	•	•
273	381		•	•	•	•
304	450			•	•	•
323	457			•	•	•
355	533				•	•
406	610				•	•



- RICAVATE DA TUBO - LAMIERA
- ESECUZIONE ELETTROUNITE

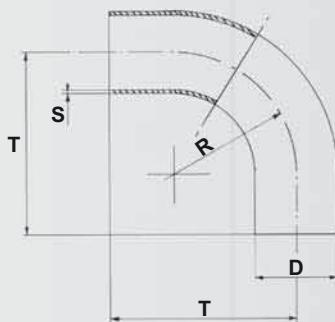
Ø Esterno (D)	Raggio (A)	Spessore 1,5 (T)	Spessore 2,0 (T)	Spessore 2,5 (T)	Spessore 3,0 (T)	Spessore 4,0 (T)
13,5	20,5	•	•			
17,2	28,5	•	•			
18	27	•	•			
20	30	•	•			
21,3	31,8	•	•			
23	34,5	•	•			
25	38	•	•			
25,4	38	•	•			
26,9	28,5	•	•	•		
28	42	•	•	•		
30	45	•	•	•		
33	49,5	•	•	•		
33,7	38	•	•	•	•	
38	57	•	•	•	•	
40	60	•	•	•	•	
42,4	47,6	•	•	•	•	
43	64,5	•	•	•	•	
44,5	66	•	•	•	•	
48,3	57,1	•	•	•	•	
50,8	75	•	•	•	•	
52	78	•	•	•	•	
53	79,5	•	•	•	•	
54	68,5	•	•	•	•	
60,3	76,2	•	•	•	•	
63,5	94,5	•	•	•	•	
70	92	•	•	•	•	
73	95,2	•	•	•	•	
73	109,5	•	•	•	•	
76,1	96	•	•	•	•	
76,1	114,1	•	•	•	•	
80	120	•	•	•	•	
84	126,5	•	•	•	•	
88,9	114,5	•	•	•	•	
101,6	133,5	•	•	•	•	
104	150		•	•	•	
108	142,5		•	•	•	
114,3	152,5		•	•	•	
129	190		•	•	•	
139,7	190,5		•	•	•	•
154	225		•	•	•	•
168,3	229		•	•	•	•
204	300		•	•	•	•
219	305		•	•	•	•
254	375		•	•	•	•
273	381		•	•	•	•
304	450			•	•	•
323	457			•	•	•
355	533				•	•
406	610				•	•



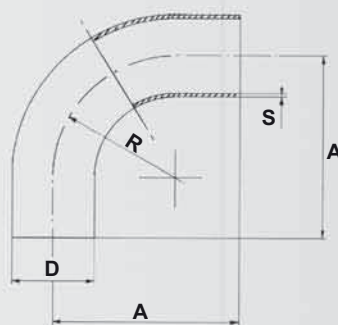


- RICAVATE DA TUBO SENZA SALDATURA

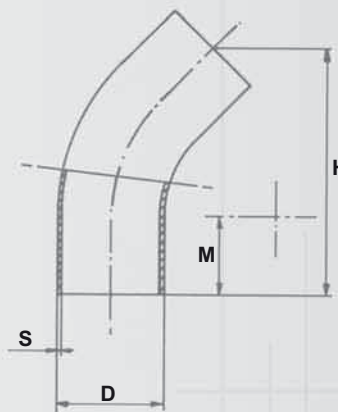
Diametro nominale	Diametro esterno (D)	Raggio (A)	Schedule 5S (T)	Schedule 10S (T)	Schedule 40 (T)	Schedule 80 (T)
3/8"	17,15	28,5		1,65	2,31	
1/2"	21,34	38,1	1,65	2,11	2,77	
3/4"	26,67	28,5	1,65	2,11	2,87	
1"	33,40	38,1	1,65	2,77	3,38	4,55
1"1/4	42,16	47,7	1,65	2,77	3,56	4,85
1"1/2	48,26	57,1	1,65	2,77	3,68	5,08
2"	60,30	76,2	1,65	2,77	3,91	5,54
2"1/2	73,03	95,2	2,11	3,05	5,16	7,01
3"	88,90	114,3	2,11	3,05	5,49	7,62
3"1/2	101,60	133,3	2,11	3,05	5,74	8,08
4"	114,30	152,4	2,11	3,05	6,02	8,56



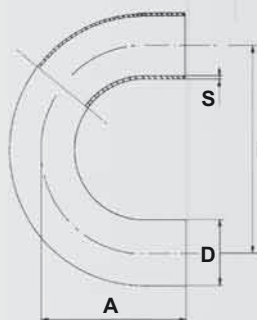
DN	D	S	R	T
1"	25,4	1,50	25	55
1 1/4"	31,8	1,50	32	66
1 1/2"	38,1	1,50	38	70
40	40,0	1,50	40	70
2"	50,8	1,50	51	82
	53,0	1,50	53	82
2 1/2"	63,5	1,50	63	105
3"	76,2	2,00	76	110
4"	101,6	2,00	110	150
100	104,0	2,00	110	150



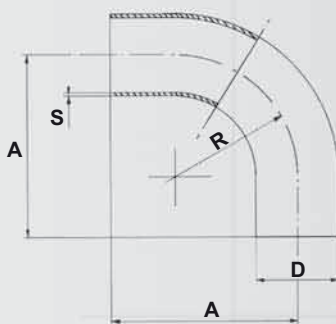
DN	D	S	R	A
10	12	1,50	26	38
15	18	1,50	35	47
20	22	1,50	40	52
25	28	1,50	43	70
32	34	1,50	52	78
40	40	1,50	60	90
50	52	1,50	72	100
60	60	1,50	75	110
65	70	2,00	85	110
80	85	2,00	93	130
100	101,6	2,00	110	150
100	104	2,00	110	150



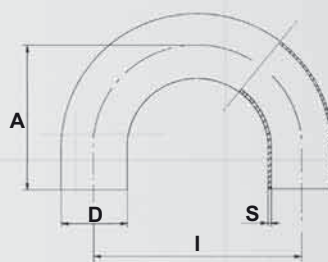
DN	D	S	M	H
10	12	1,50	15	45
15	18	1,50	20	60
20	22	1,50	20	65
25	28	1,50	24	73
32	34	1,50	27	83
40	40	1,50	27	89
50	52	1,50	30	103
60	60	1,50	30	105
65	70	2,00	30	108
80	85	2,00	30	120
100	101,6	2,00	35	150
100	104	2,00	35	151



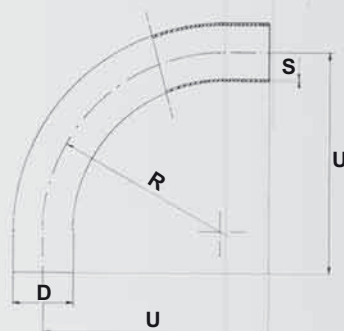
DN	D	S	I	A
10	12	1,50	52	38
15	18	1,50	70	47
20	22	1,50	80	52
25	28	1,50	100	70
32	34	1,50	112	78
40	40	1,50	126	85
50	52	1,50	144	100
60	60	1,50	150	110
65	70	2,00	170	110
80	85	2,00	186	130
100	101,6	2,00	220	150
100	104	2,00	220	150



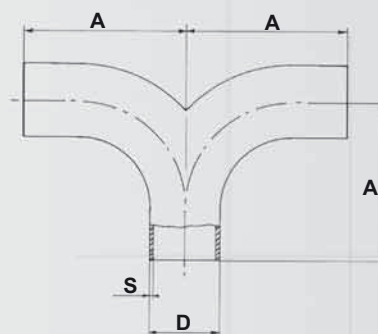
DN	D	S	R	A
3/8"	17,2	1,5	25,5	40,0
1/2"	21,3	1,5	25,5	50,0
1/2"	21,3	2,0	25,5	50,0
3/4"	26,9	1,5	28,5	55,0
3/4"	26,9	2,0	28,5	55,0
1"	33,7	1,5	38,0	65,0
1"	33,7	2,0	38,0	65,0
1"1/4	42,4	1,5	48,0	80,0
1"1/4	42,4	2,0	48,0	80,0
1"1/2	48,3	1,5	57,5	85,0
1"1/2	48,3	2,0	57,5	85,0
2"	60,3	1,5	76,0	110,0
2"	60,3	2,0	76,0	110,0
2"1/2	76,1	2,0	95,0	130,0
3"	88,9	2,0	114,5	160,0



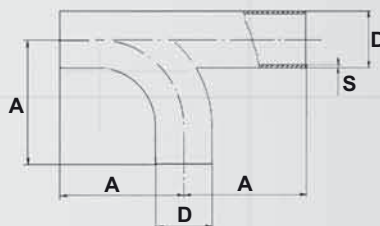
DN	D	S	A	I
3/8"	17,2	1,5	40,0	51,0
1/2"	21,3	1,5	50,0	51,0
1/2"	21,3	2,0	50,0	51,0
3/4"	26,9	1,5	55,0	57,0
3/4"	26,9	2,0	55,0	57,0
1"	33,7	1,5	65,0	76,0
1"	33,7	2,0	65,0	76,0
1"1/4	42,4	1,5	80,0	96,0
1"1/4	42,4	2,0	80,0	96,0
1"1/2	48,3	1,5	85,0	115,0
1"1/2	48,3	2,0	85,0	115,0
2"	60,3	1,5	110,0	152,0
2"	60,3	2,0	110,0	152,0
2"1/2	76,1	2,0	130,0	174,0
3"	88,9	2,0	160,0	229,0



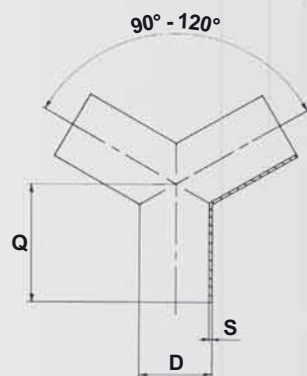
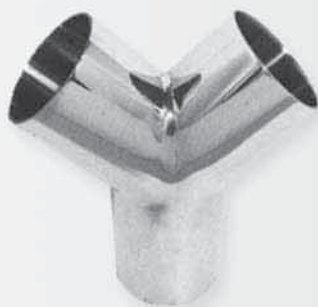
DN	D	S	R	U
1"	25,4	1,50	75	115
1"1/4	31,8	1,50	93	136
1"1/2	38,1	1,50	115	140
40	40,0	1,50	120	170
2"	50,8	1,50	150	225
50	52,0	1,50	150	225
	53,0	1,50	150	225
60	60,0	1,50	180	230
2"1/2	63,5	1,50	185	240
70	70,0	2,00	210	250
3"	76,2	2,00	215	250
100	104,0	2,00	200	250



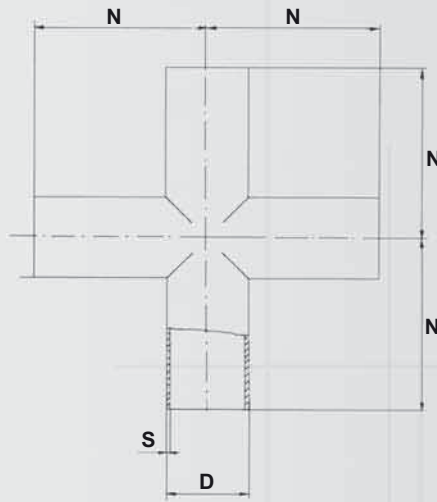
DN	D	S	A
20	22	1,50	52
25	28	1,50	70
32	34	1,50	78
40	40	1,50	90
50	52	1,50	100
60	60	1,50	110
65	70	2,00	110
80	85	2,00	130
100	104	2,00	150
1"	25,4	1,50	75
1 1/2"	38,1	1,50	90
2"	50,8	1,50	100
2 1/2"	63,5	1,50	115
3"	76,2	2,00	130
4"	101,6	2,00	150



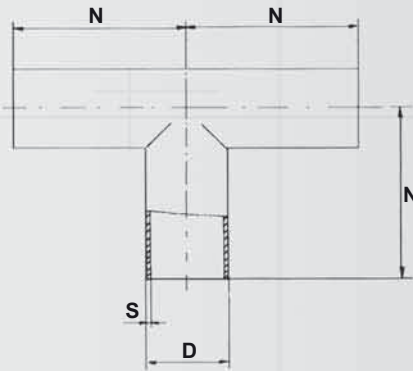
DN	D	S	A
20	22	1,50	52
25	28	1,50	70
32	34	1,50	78
40	40	1,50	90
50	52	1,50	100
60	60	1,50	110
65	70	2,00	110
80	85	2,00	130
100	104	2,00	150
1"	25,4	1,50	75
1 1/2"	38,1	1,50	90
2"	50,8	1,50	100
2 1/2"	63,5	1,50	115
3"	76,2	2,00	130
4"	101,6	2,00	150



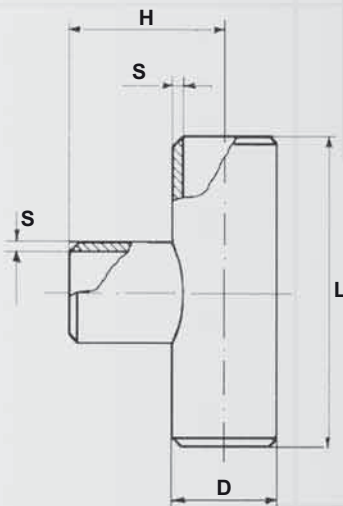
DN	D	S	Q
10	12	1,50	35
15	18	1,50	40
20	22	1,50	45
25	28	1,50	50
32	34	1,50	56
40	40	1,50	67
50	52	1,50	72
60	60	1,50	75
65	70	2,00	85
80	85	2,00	98
100	104	2,00	110
1/2"	12,7	1,65	40
3/4"	19,05	1,65	40
1"	25,4	1,50	40
1 1/2"	38,1	1,50	55
2"	50,8	1,50	75
2 1/2"	63,5	1,50	85
3"	76,2	2,00	85
4"	101,6	2,00	110



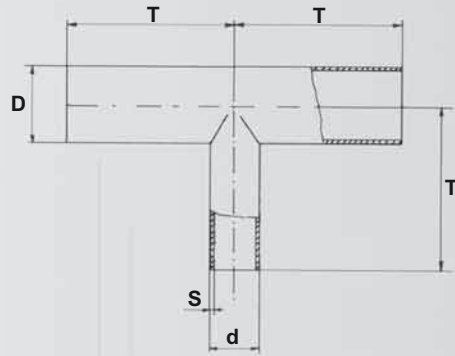
DN	D	S	N
10	12	1,50	26
15	18	1,50	35
20	22	1,50	40
25	28	1,50	50
32	34	1,50	55
40	40	1,50	67
50	52	1,50	72
60	60	1,50	75
65	70	2,00	85
80	85	2,00	95
100	104	2,00	150
3/4"	19,05	1,65	45
1"	25,4	1,50	75
1"1/2	38,1	1,50	90
2"	50,8	1,50	100
2"1/2	63,5	1,50	115
3"	76,2	2,00	130
4"	101,6	2,00	150



DN	D	S	N
10	12	1,50	26
15	18	1,50	35
20	22	1,50	40
25	28	1,50	50
32	34	1,50	55
40	40	1,50	67
50	52	1,50	72
60	60	1,50	75
65	70	2,00	85
80	85	2,00	95
100	101,6	2,00	150
100	104	2,00	150
125	129	2,00	125
150	154	2,00	150

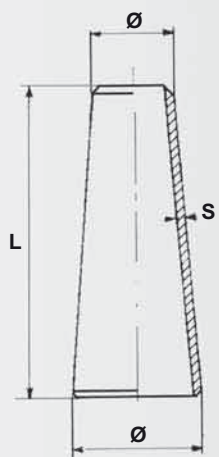
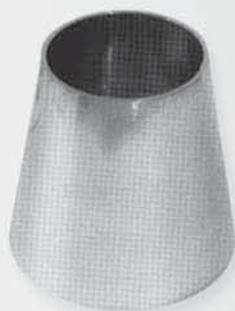


Gas, ASA	D	H	L	Spessore S
1/2"	21,3	25,4	50,8	2-3-4
3/4"	26,9	28,5	57	2-3-4
1"	33,7	38,1	76,2	2-3-4
1"1/4	42,4	47,6	95,2	2-3-4
1"1/2	48,3	57,1	114,2	2-3-4
2"	60,3	63,5	127	2-3-4
2"1/2	76,1	76,2	152,4	2-3-4
3"	88,9	85,7	171,4	2-3-4
3"1/2	101,6	105	210	2-3-4
4"	114,3	104,7	209,4	2-3-4
	129	125	250	2-3-4
5"	139,7	123,8	247,6	2-3-4
	154	150	300	2-3-4
6"	168,3	142,8	285,6	2-3-4
8"	219,1	177,8	355,6	2-3-4
10"	273	215,9	431,8	2-3-4
12"	323,9	254	508	2-3-4
14"	355,9	279,4	558,8	2-3-4



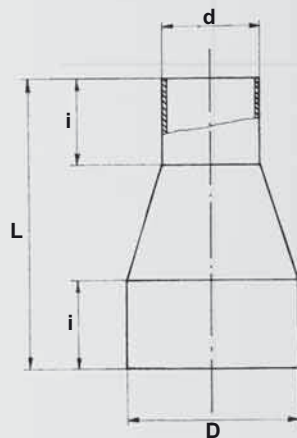
D	d	S	T
22	18	1,50	47
28	22	1,50	50
28	18	1,50	50
34	28	1,50	55
34	22	1,50	55
34	18	1,50	55
40	34	1,50	67
40	28	1,50	67
40	22	1,50	67
40	18	1,50	67
52	40	1,50	72
52	34	1,50	72
52	28	1,50	72
52	22	1,50	72
60	52	1,50	75
60	40	1,50	75
60	34	1,50	75
70	60	2,00	85
70	52	2,00	85
70	40	2,00	85
70	34	2,00	85
70	28	2,00	85
85	70	2,00	98
85	60	2,00	98
85	52	2,00	98
85	40	2,00	98
85	34	2,00	98
85	28	2,00	98
101.6	85	2,00	130
101.6	70	2,00	130
101.6	60	2,00	130
101.6	52	2,00	130
101.6	40	2,00	130
101.6	34	2,00	130
101.6	28	2,00	130

D	d	S	T
25,4	19,05	1,50	75
38,1	25,4	1,50	70
38,1	19,05	1,50	70
50,8	38,1	1,50	82
50,8	25,4	1,50	82
50,8	19,05	1,50	82
63,5	50,8	1,50	105
63,5	38,1	1,50	105
63,5	25,4	1,50	105
76,2	63,5	2,00	110
76,2	50,8	2,00	110
76,2	38,1	2,00	110
76,2	25,4	2,00	110
104	76,2	2,00	130
104	63,5	2,00	130
104	50,8	2,00	130
104	38,1	2,00	130
104	25,4	2,00	130



Ø Esterno	Altezza (L)	Spessore
26,9 x 17,1	38,1	2-3
26,9 x 21,3	38,1	2-3
33,7 x 17,1	50,8	2-3
33,7 x 21,3	50,8	2-3
33,7 x 26,9	50,8	2-3
42,4 x 21,3	50,8	2-3
42,4 x 26,9	50,8	2-3
42,4 x 33,7	50,8	2-3
48,3 x 21,3	50,8	2-3
48,3 x 26,9	63	2-3
48,3 x 33,7	63	2-3
48,3 x 42,4	63	2-3
50,3 x 21,3	63	2-3
60,3 x 26,9	63	2-3
60,3 x 33,7	76,1	2-3
60,3 x 42,4	76,1	2-3
60,3 x 48,3	76,1	2-3
76,1 x 21,3	88,9	2-3
76,1 x 26,9	88,9	2-3
76,1 x 33,7	88,9	2-3
76,1 x 42,4	88,9	2-3
76,1 x 48,3	88,9	2-3
76,1 x 60,3	88,9	2-3
88,9 x 33,7	88,9	2-3
88,9 x 42,4	88,9	2-3
88,9 x 48,3	88,9	2-3
88,9 x 60,3	88,9	2-3
88,9 x 76,1	88,9	2-3
114,3 x 33,7	101	2-3
114,3 x 42,4	101	2-3
114,3 x 48,3	101	2-3
114,3 x 60,3	101	2-3
114,3 x 76,1	101	2-3
114,3 x 88,9	101	2-3
139,7 x 60,3	127	2-3
139,7 x 76,1	127	2-3
139,7 x 88,9	127	2-3
139,7 x 114,3	127	2-3
168,3 x 60,3	139	2-3
168,3 x 76,1	139	2-3
168,3 x 88,9	139	2-3
168,3 x 114,3	139	2-3
168,3 x 139,7	139	2-3
219,1 x 88,9	152,4	2-3
219,1 x 114,3	152,4	2-3
219,1 x 139,7	152,4	2-3
219,1 x 168,7	152,4	2-3
273 x 168,3	177,8	2-3
273 x 219,1	177,8	2-3
323 x 273	203	2-3
323 x 219	203	2-3

- SI ESEGUONO ALTRE MISURE E ALTRI SPESSORI SU RICHIESTA

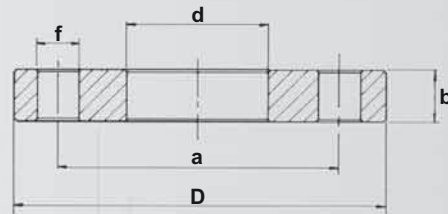


D/d	l	L
18/12	18	45
19,05/12,7	18	47
22/12	18	53
22/18	20	60
25,4/12,7	20	63
25,4/19,05	22	55
28/18	20	60
28/22	20	60
34/28	30	80
38,1/25,4	40	97
40/28	35	102
40/34	35	88
50,8/25,4	40	115
50,8/38,1	40	97
52/28	40	115
52/34	40	129
52/40	40	113
63,5/38,1	40	120
63,5/50,8	40	97
70/52	40	130
70/34	40	125
70/40	40	120
76,2/38,1	40	130
76,2/50,8	40	115
76,2/63,5	40	97
85/40	40	140
85/52	40	125
85/70	40	120
101,6/52	40	160
101,6/70	40	127
101,6/85	40	120
104/50,8	40	150
104/63,3	40	140
104/76,2	40	120

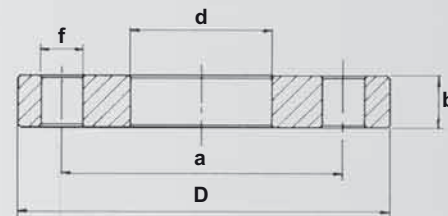


D/d	l	L
19,05/12,7	18	50
22/18	20	60
25,4/19,05	20	55
28/18	20	60
28/22	20	60
34/28	40	100
38,1/25,4	40	100
40/28	40	100
40/34	40	100
50,8/25,4	40	120
50,8/38,1	40	100
52/28	40	130
52/34	40	125
52/40	40	100
63,5/38,1	40	140
63,5/50,8	40	105
70/40	40	140
70/52	40	125
76,50,8	40	135
76,2/63,5	40	105
85/52	40	130
85/70	40	110
101,6/70	45	155
101,6/85	40	130
104/63,5	40	170
104/76,2	40	135

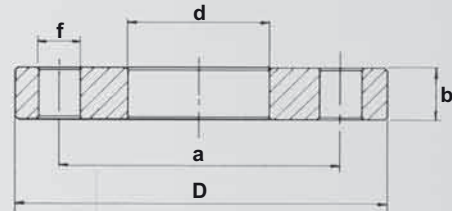




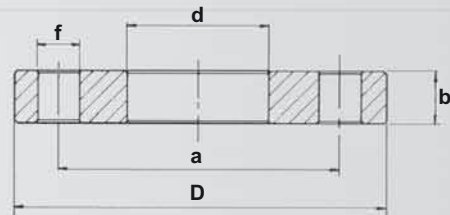
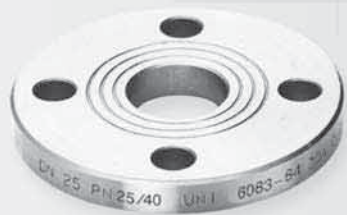
DN	Ø Tubo	d	a	b	D	f	N° fori
10	17,2	17,5	50	10	75	11	4
15	21,3	22	55	10	80	11	4
20	26,9	27,5	65	12	90	11	4
25	33,7	34	75	12	100	11	4
32	42,4	43	90	14	120	14	4
40	48,3	49	100	14	130	14	4
50	60,3	61,5	110	14	140	14	4
65	76,1	77	130	14	160	14	4
80	88,9	90	150	16	190	18	4
100	114,3	115,5	170	16	210	18	4
125	139,7	141	200	18	240	18	8
150	168,3	170	225	20	265	18	8
200	219,1	221	280	22	320	18	8
250	273	275	335	24	375	18	12
300	323,9	326	395	24	440	22	12



DN	Ø Tubo	d	a	b	D	f	N° fori
10	17,2	17,5	60	12	90	14	4
15	21,3	22	65	12	95	14	4
20	26,9	27,5	75	14	105	14	4
25	33,7	34	85	14	115	14	4
32	42,4	43	100	16	140	18	4
40	48,3	49	110	16	150	18	4
50	60,3	61,5	125	18	165	18	4
65	76,1	77	145	18	185	18	4
80	88,9	90	160	20	200	18	4
100	114,3	115,5	180	22	220	18	8
125	139,7	141	210	24	250	18	8
150	168,3	170	240	24	285	22	8
200	219,1	221	295	26	340	22	8
250	273	275	350	28	395	22	12
300	323,9	326	400	28	445	22	12

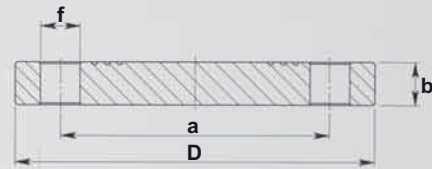


DN	Ø Tubo	d	a	b	D	f	N° fori
10	17,2	17,5	60	12	90	14	4
15	21,3	22	65	12	95	14	4
20	26,9	27,5	75	14	105	14	4
25	33,7	34	85	14	115	14	4
32	42,4	43	100	16	140	18	4
40	48,3	49	110	16	150	18	4
50	60,3	61,5	125	18	165	18	4
65	76,1	77	145	18	185	18	4
80	88,9	90	160	20	200	18	8
100	114,3	115,5	180	22	220	18	8
125	139,7	141	210	24	250	18	8
150	168,3	170	240	24	285	22	8
200	219,1	221	295	26	340	22	12
250	273	275	355	32	405	25	12
300	323,9	326	410	32	460	25	12



DN	Ø Tubo	d	a	b	D	f	N° fori
10	17,2	17,5	60	14	90	14	4
15	21,3	22	65	14	95	14	4
20	26,9	27,5	75	16	105	14	4
25	33,7	34	85	16	115	14	4
32	42,4	43	100	18	140	18	4
40	48,3	49	110	18	150	18	4
50	60,3	61,5	125	20	165	18	4
65	76,1	77	145	24	185	18	8
80	88,9	90	160	26	200	18	8
100	114,3	115,5	190	26	235	22	8
125	139,7	141	220	28	270	25	8
150	168,3	170	250	30	300	25	8

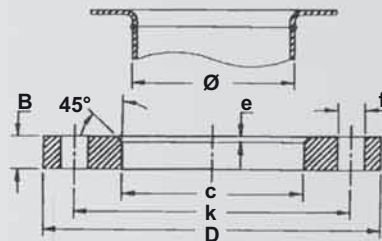




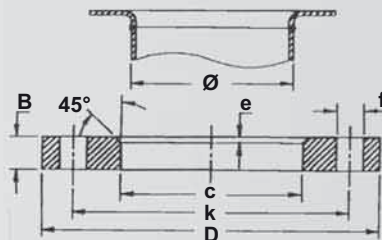
DN	a	b	D	f	N° fori
10	50	12	75	11	4
15	55	12	80	11	4
20	65	14	90	11	4
25	75	14	100	11	4
32	90	14	120	14	4
40	100	14	130	14	4
50	110	14	140	14	4
65	130	14	160	14	4
80	150	16	190	18	4
100	170	16	210	18	4
125	200	18	240	18	8
150	225	18	265	18	8
200	280	20	320	18	8
250	335	22	375	18	12
300	395	22	440	22	12

DN	a	b	D	f	N° fori
10	60	14	90	14	4
15	65	14	95	14	4
20	75	16	105	14	4
25	85	16	115	14	4
32	100	16	140	18	4
40	110	16	150	18	4
50	125	18	165	18	4
65	145	18	185	18	4
80	160	20	200	18	4
100	180	20	220	18	8
125	210	22	250	18	8
150	240	22	285	22	8
200	295	24	340	22	8
250	350	26	395	22	12
300	400	26	445	22	12
350	460	26	505	22	16

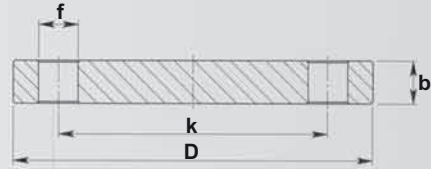
DN	a	b	D	f	N° fori
10	60	14	90	14	4
15	65	14	95	14	4
20	75	16	105	14	4
25	85	16	115	14	4
32	100	16	140	18	4
40	110	16	150	18	4
50	125	18	165	18	4
65	145	18	185	18	4
80	160	20	200	18	8
100	180	20	220	18	8
125	210	22	250	18	8
150	240	22	285	22	8
200	295	24	340	22	12
250	355	26	405	25	12
300	410	28	460	25	12



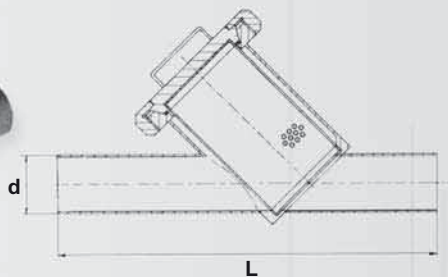
DN	Ø Tubo	D	c	b	e	k	f	N° fori
10	13-14	90	19	12	4	60	14	4
15	18-20	95	24	12	4	65	14	4
20	23-25	105	30	12	4	75	14	4
25	28-30	115	34	12	4	85	14	4
32	35-38	140	40	16	4	100	18	4
40	43-45,5	150	48	16	4	110	18	4
50	53-56	165	58	16	4	125	18	4
65	69	185	73	16	4	145	18	4
80	84-86	200	90	18	5	160	18	8
100	104-106	220	110	18	5	180	18	8
125	129-131	250	135	18	5	210	18	8
150	154-156	285	160	18	5	240	22	8
175	179-181	315	185	20	5	270	22	8
200	204-206	340	212	20	5	295	22	8
250	254-256	395	262	22	5	350	22	12
300	304-306	445	312	22	5	400	22	12
350	356	505	362	22	5	460	22	16
400	406	565	413	25	6	515	25	16
450	456	615	466	25	6	565	25	20
500	506	670	517	28	6	620	25	20
600	606	780	620	30	6	725	30	20
700	706	895	721	32	6	840	30	24
800	806	1015	824	36	7	950	33	24



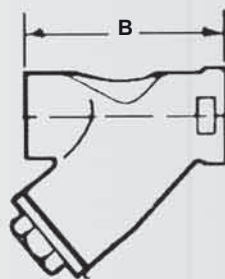
DN	Ø Tubo	D	c	b	e	k	f	N° fori
10	17,2	90	19	12	4	60	14	4
15	21,3	95	24	12	4	65	14	4
20	26,9	105	30	12	4	75	14	4
25	33,7	115	36	12	4	85	14	4
32	42,2	140	46	16	4	100	18	4
40	48,3	150	54	16	4	110	18	4
50	60,3	165	65	16	4	125	18	4
65	76,1	185	81	16	4	145	18	4
80	88,9	200	94	18	5	160	18	8
100	114,3	220	119	18	5	180	18	8
125	139,7	250	144	18	5	210	18	8
150	168,3	285	173	18	5	240	22	8
175	193,7	315	199	20	5	270	22	8
200	219,1	340	225	20	5	295	22	8
250	273	395	279	22	5	350	22	12
300	323,9	445	329	22	5	400	22	12
350	355,6	505	362	22	5	460	22	16
400	406,4	565	413	25	6	515	25	16
500	508	670	517	28	6	620	25	20
600	610	780	620	30	6	725	30	20
700	711	895	721	32	6	840	30	24
800	813	1015	824	36	7	950	33	24



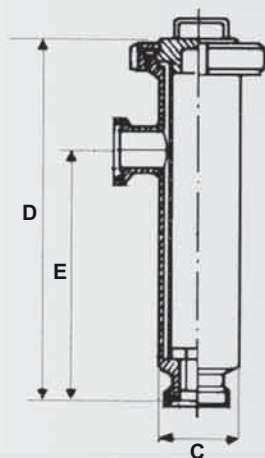
DN	D	b	k	f	N° fori
10	90	12	60	14	4
15	95	12	65	14	4
20	105	12	75	14	4
25	115	12	85	14	4
32	140	16	100	18	4
40	150	16	110	18	4
50	165	16	125	18	4
65	185	16	145	18	4
80	200	18	160	18	8
100	220	18	180	18	8
125	250	18	210	18	8
150	285	18	240	22	8
175	315	20	270	22	8
200	340	20	295	22	8
250	395	22	350	22	12
300	445	22	400	22	12
350	505	22	460	22	16
400	565	25	515	25	16
450	615	25	565	25	20
500	670	28	620	25	20



DN	d	L
25	28	170
32	34	175
40	40	220
50	52	260
65	70	290
80	85	380
100	104	545
1"	25,4	170
1"1/2	38,1	220
2"	50,8	260
2"1/2	63,5	290
3"	76,2	380
4"	101,6	545

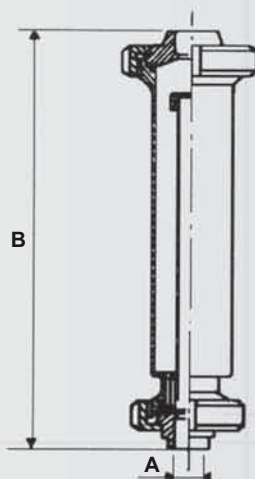


DN	B
1/4	64
3/8	64
1/2	64
3/4	80
1"	90
1"1/4	105
1"1/2	118
2"	140



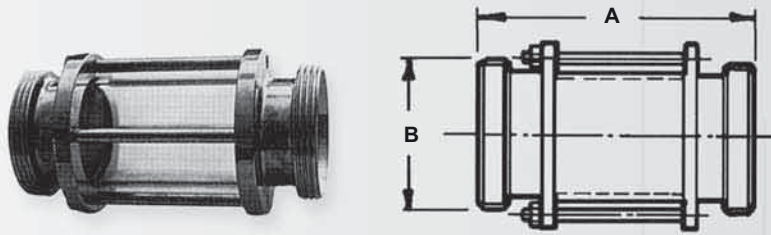
DN	C	D	E
25	70	410	315
32	70	415	320
40	70	420	325
50	70	423	328
65	112	450	350
80	112	457	355
90	140	400	290
100	141	550	440

CESTELLO STANDARD: foro 1 mm  
SU RICHIESTA: foro 0,5 - 1,5 - 2 - 3 - 5 mm

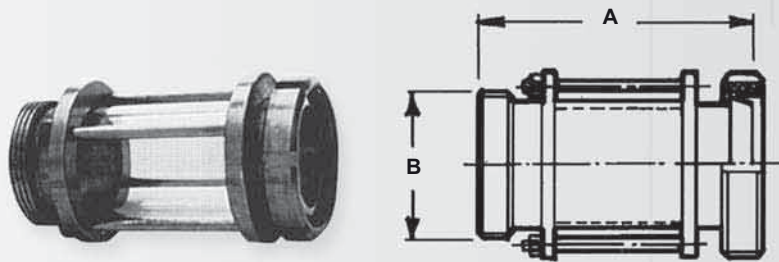


DN	A	B
25	25	470
32	31	470
40	37	470
50	49	470
65	66	485
80	81	485
90	85	615
100	98	615

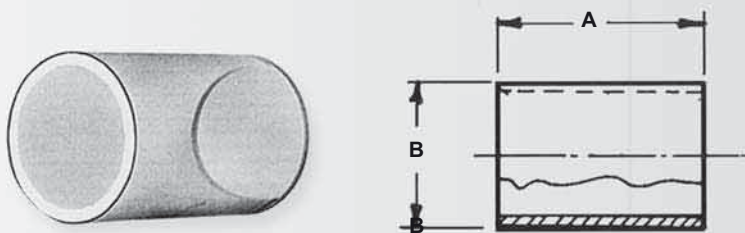
CESTELLO STANDARD: foro 1 mm  
SU RICHIESTA: foro 0,5 - 1,5 - 2 - 3 - 5 mm



DN	A	B
25	148	52x1/6"
32	163	58x1/6"
40	175	65x1/6"
50	178	78x1/6"
65	217	95x1/6"
80	232	110x1/4"
90	242	120x1/4"
100	270	130x1/4"

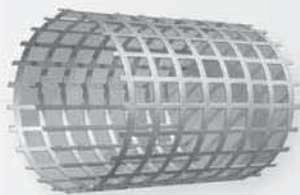


DN	A	B
25	135	52x1/6"
32	153	58x1/6"
40	166	65x1/6"
50	171	78x1/6"
65	207	95x1/6"
80	222	110x1/4"
90	233	120x1/4"
100	259	130x1/4"



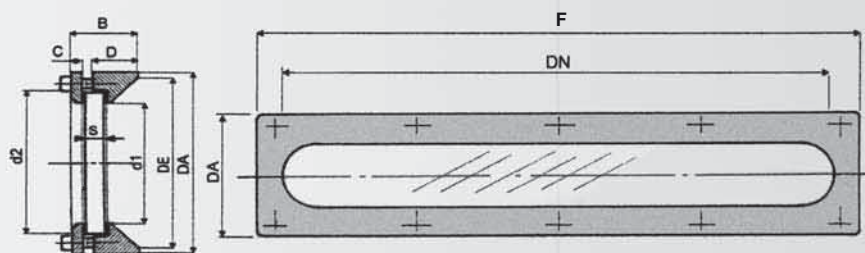
DN	A	B
25	70	30
32	70	38
40	80	44
50	80	60
65	120	75
80	120	90
90	120	100
100	120	110

PROTEZIONE INOX



DN
25
32
40
50
65
80
90
100

GUARNIZIONE SILICONE PER ART. 52

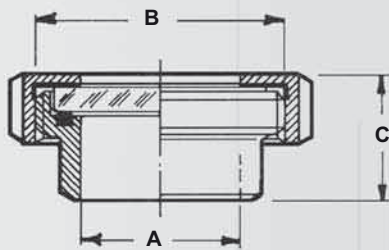
**TEMPERATURE:**

- max 130° C. (con vetro calciosodico)
- max 280° C. (con vetro borosilicato)

**CARATTERISTICHE:**

- corpo specola: AISI 316L
- coperchio : AISI 304
- guarnizione : gomma bianca (a richiesta altri materiali)
- Viti T.C.E.I.: AISI 304

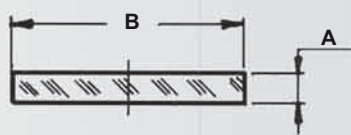
DN	d1	DA	DE	B	C	D	F	Vetro	S Vetro	Viti
40 x 190	40	80	70	25	5	20	220	200x55	10	N°6 M 6x16
40 x 290	40	80	70	25	5	20	320	300x55	10	N°8 M 6x16
40 x 390	40	80	70	25	5	20	420	400x55	10	N°10 M 6x16



DN	A	B	C
25	26	52x1/6"	37
32	32	58x1/6"	40
40	38	65x1/6"	41
50	50	78x1/6"	43
65	66	95x1/6"	49
80	78	110x1/4"	54
90	85	120x1/4"	52
100	98	130x1/4"	63

ART. 60/A

DISCO DI VETRO TEMPRATO PER SPECOLA PIANA

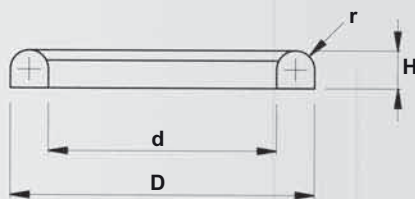


DN	A	B
25	10	42
32	10	50
40	10	55
50	10	70
65	12	85
80	12	98
90	12	105
100	12	114
125	12	140
150	15	175

ART. 60/C

GUARNIZIONE PER ART. 60

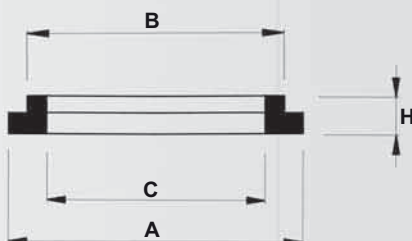
Art. 60/C					
Materiale	NBR	EPDM	SIL.	VITON	PTFE
	SHA/70±5	SHA/70±5	SHA/70±5	SHA/70±5	



DN	D	d	H	r
10	20	12	4,5	2,3
15	26	18	4,5	2,3
20	33	23	4,5	2,8
25	40	30	5	2,8
32	46	36	5	2,8
40	52	42	5	2,8
50	64	54	5	2,8
60	72	62	5	2,8
65	81	71	5	2,8
80	95	85	5	2,8
90	104	94	5	2,8
100	114	104	6	2,8
125	142	130	7	3,5
150	167	155	7	3,5

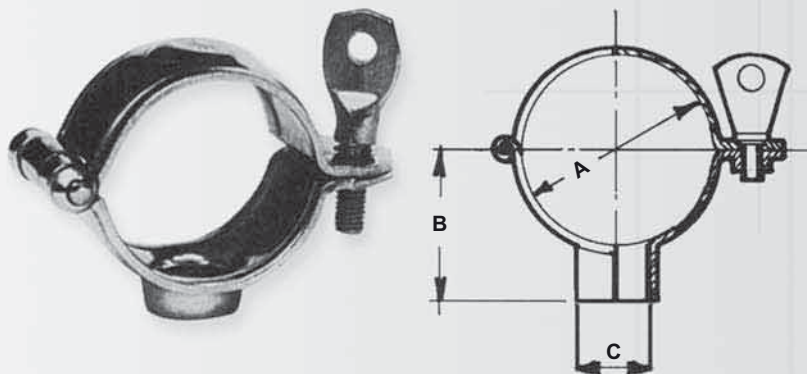
ART. 60/D

GUARNIZIONE PTFE PREMIVETRO



DN	A	B	C	H
25	44	35	26	6
32	50	41	32	6
40	55,8	48	38	6
50	70	61	50	6
65	87	79	68	7
80	101	93	83	8
100	121	115	100	10





DN	A	B	C
13	13	31	-
17	17	36	-
21	22	22	3/8" GAS
25	28	28	1/2" GAS
32	34	31	1/2" GAS
40	40	34	1/2" GAS
42	42	35	1/2" GAS
48	48	38	1/2" GAS
50	52	40	1/2" GAS
60	60	44	1/2" GAS
70	70	49	1/2" GAS
80	80	54	1/2" GAS
85	85	56,5	1/2" GAS
90	90	59	1/2" GAS
101,6	102	65	1/2" GAS
114	114	71,5	1/2" GAS
129	129	78,5	1/2" GAS
140	140	84	1/2" GAS
154	154	91	1/2" GAS
168	168	98	1/2" GAS
204	200	118	1/2" GAS
219	219	128	1/2" GAS
254	254	145	1/2" GAS
273	273	155	1/2" GAS
304	304	170	1/2" GAS
322	322	179	1/2" GAS

## ART. 54/A

## COLLARE LEGGERO

INOX  
304

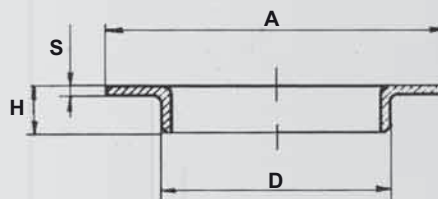
Misura in mm	Misura in pollici	Materiale mm	Attacco
16 - 20	3/8	20x2,5	M8
18 - 24	1/2	20x2,5	M8
25 - 30	3/4	20x2,5	M8
30 - 35	1"	20x2,5	M8
38 - 44	1"1/4	20x2,5	M8
44 - 50	1"1/2	20x2,5	M8
56 - 62	2"	20x2,5	M8
74 - 80	2"1/2	30x2,5	M10
84 - 85	3"	30x2,7	M10
112 - 118	4"	30x2,7	M10

## ART. 55

## REGGITUBO PESANTE

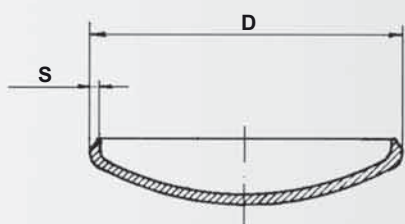
INOX  
304

DN	A	B	C
25	28	28	1/2" GAS
40	40	34	1/2" GAS
50	52	40	1/2" GAS
65	70	49	1/2" GAS



D	A	H	S		D	A	H	S
17,2	40	6	2 - 3		88,9	139	12	2 - 3 - 4
21,3	45	6	2 - 3		101,6	158	12	2 - 3 - 4
25,4	58	6	2 - 3		108	152	14	2 - 3 - 4
26,9	58	6	2 - 3		114,3	158	15	2 - 3 - 4
33,7	68	8	2 - 3		*125	187	15 + 25	2 - 3 - 4
38	76	8	2 - 3		139,7	188	14	2 - 3 - 4
40	78	9	2 - 3		*150	214	16 + 25	2 - 3 - 4
42,4	78	10	2 - 3		168,3	212	16	2 - 3 - 4
44,5	88	10	2 - 3		*170	230	18 + 25	2 - 3 - 4
48,3	88	10	2 - 3		*200	272	18 + 25	2 - 3 - 4
50,8	105	10	2 - 3		219,1	270	18	2 - 3 - 4
52	105	12	2 - 3		*250	323	22	2 - 3 - 4
53	105	12	2 - 3		273,2	320	20	2 - 3 - 4
54	105	12	2 - 3		*300	375	20	2 - 3 - 4
60,3	102	12	2 - 3		323,9	370	20	2 - 3 - 4
63,5	115	12	2 - 3		*350	420	23	2 - 3 - 4
70	125	12	2 - 3		355,6	430	25	2 - 3 - 4
73	126	12	2 - 3		406,4	482	25	2 - 3 - 4
76,1	126	12	2 - 3		*450	530	25	2 - 3 - 4
80	140	12	2 - 3		457,2	532	25	2 - 3 - 4
*80	140	12	2 - 3		508	585	25	2 - 3 - 4
					609,6	685	30	2 - 3 - 4

\* DIAMETRO INTERNO



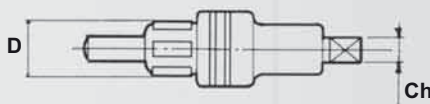
D	S		D	S
17,2	2 - 3		88,9	2 - 3 - 4
21,3	2 - 3		101,6	2 - 3 - 4
25,4	2 - 3		108	2 - 3 - 4
26,9	2 - 3		114,3	2 - 3 - 4
33,7	2 - 3		129	2 - 3 - 4
38	2 - 3		139,7	2 - 3 - 4
40	2 - 3		154	2 - 3 - 4
42,4	2 - 3		168,3	2 - 3 - 4
44,5	2 - 3		193,7	2 - 3 - 4
48,3	2 - 3		204	2 - 3 - 4
50,8	2 - 3		219,1	2 - 3 - 4
52	2 - 3		254	2 - 3 - 4
54	2 - 3		273,2	2 - 3 - 4
60,3	2 - 3		304	2 - 3 - 4
63,5	2 - 3		323,9	2 - 3 - 4
70	2 - 3		354	2 - 3 - 4
73	2 - 3		355,6	2 - 3 - 4
76,1	2 - 3		406,4	2 - 3 - 4
80	2 - 3		454	2 - 3 - 4
84	2 - 3		457,2	2 - 3 - 4
			508	2 - 3 - 4
			609,6	2 - 3 - 4

**Caratteristiche costruttive generali:****Campo di misura:** a richiesta, purchè compreso tra -30 e +500°C;**Quadro diametro:** 100 - 150 - 200 - 300 mm;

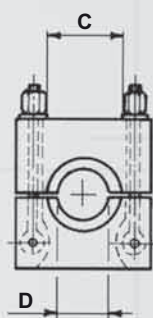
Indice con dispositivo micrometrico di azzeramento

**Precisione:** 1% del valore di fondo scala.**Caratteristiche costruttive generali:****Campi di misura:** 2,5 - 4 - 6 - 10 - 16 - 20 - 25 - 40 - 60 - 100 bar**Quadrante bianco con scritte nere:** Ø quadrante 100 - 150 mm

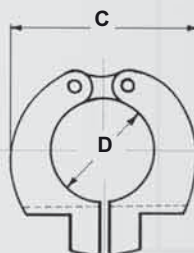
Indice in acciaio con dispositivo micrometrico di azzeramento

**Elemento sensibile:** Membrana in AISI 316 saldato in TIG**Attacco:** sia radiale che posteriore, secondo norme DN, SMS, IDF, Clamp

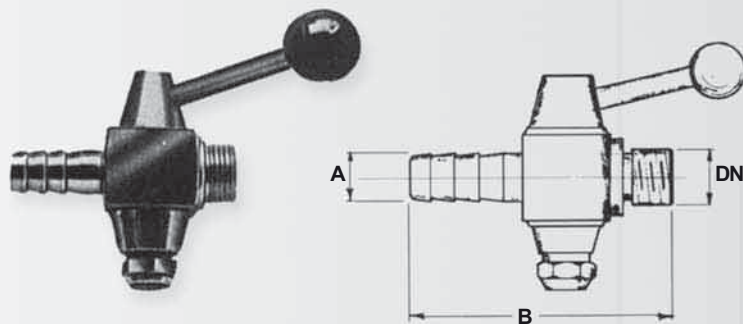
DN	D	CH
25	24 - 28	8
32	30 - 34	10
40	36 - 40	12
50	48 - 52	14
65	64 - 69	16
80	79 - 84	22
100	98 - 103	22



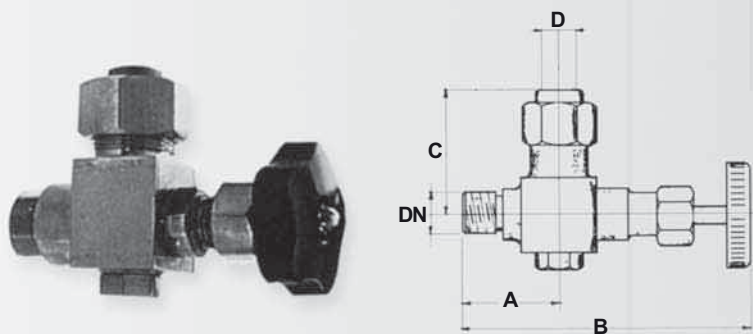
DN	C	D
25	52	35
32	58	41
40	65	48
50	78	61
65	95	78
80	110	93
100	130	114



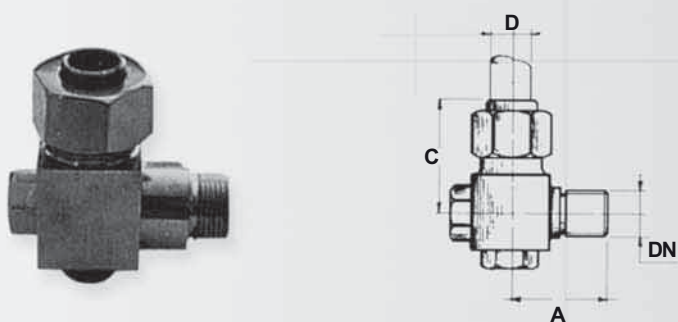
DN	C	D
25	77	28
32	77	34
40	77	40
50	87	52
65	107	70
80	120	85
100	147	101,6



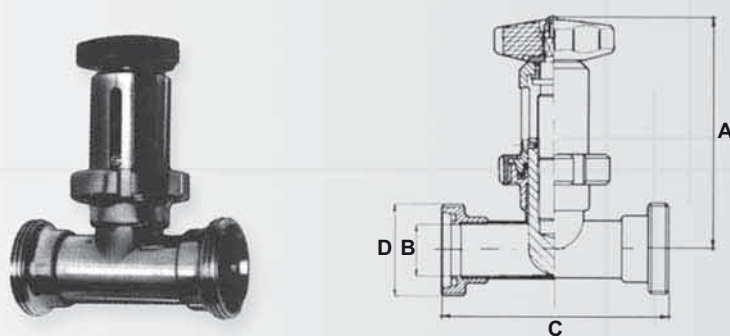
DN	A	B
1/4"	12	60
3/8"	12	60
1/2"	16	69



DN	A	B	C	D
3/8"	42	130	44	12
1/2"	42	135	50	15
3/4"	50	160	62	17
1"	52	170	78	20

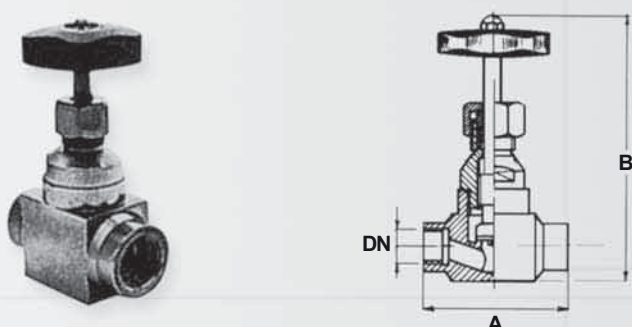


DN	A	C	D
3/8"	42	44	12
1/2"	42	50	15
3/4"	50	62	17
1"	52	78	20

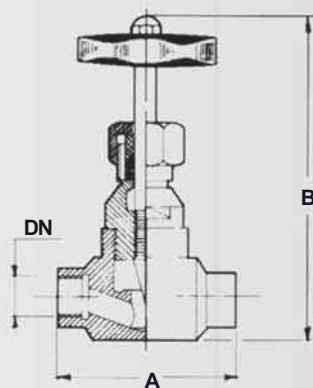


DN	A	ØB	C	ØD
25	142	25	127	52X1/6"
32	151	31	140	58X1/6"
40	165	35	160	65X1/6"
50	180	49	172	78X1/6"
65	220	67	220	95X1/6"

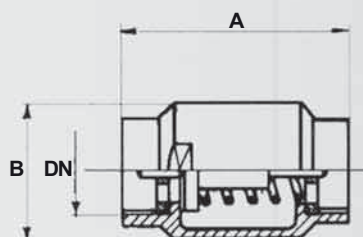
- CON RACCORDI A RICHIESTA



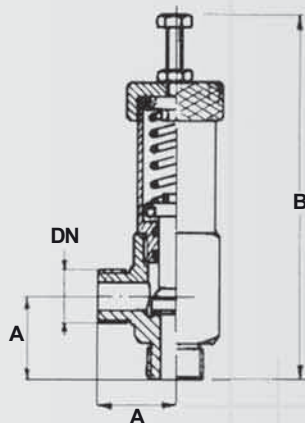
DN	A	B
1/2"	60	125
3/4"	80	155
1"	100	170



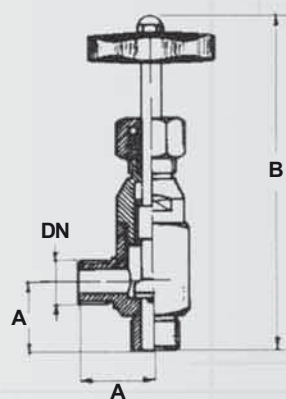
DN	A	B
1/4"	45	76
3/8"	53	76
1/2"	60	80
3/4"	80	125
1"	80	140



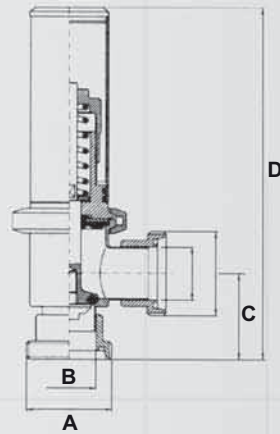
DN	A	B
1/4"	57	32
3/8"	57	32
1/2"	65	35
3/4"	80	45
1"	95	50
1 1/4"	100	60
1 1/2"	110	70
2"	130	85
2 1/2"	140	110
3"	140	130



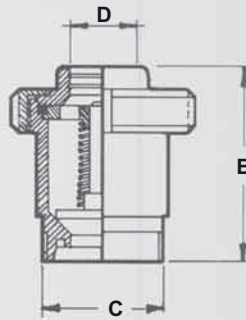
DN	A	B
1/2"	30	160
3/4"	40	210
1"	45	250



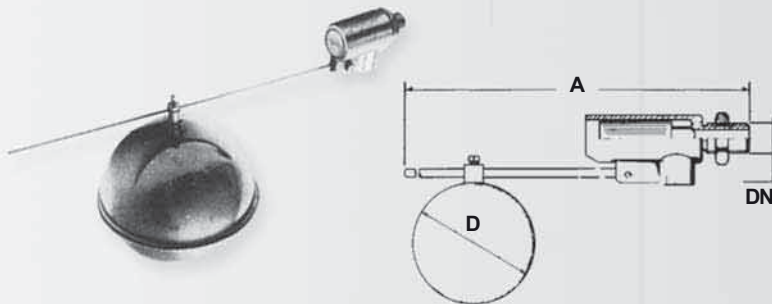
DN	A	B
1/2"	30	155
3/4"	40	180
1"	45	205



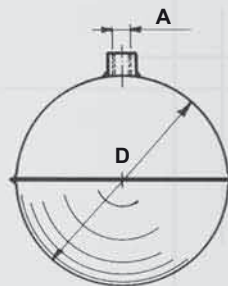
DN	A	B	C	D
25	52X1/6"	25	55	320
32	58X1/6"	31	61	330
40	65X1/6"	37	66	360
50	78X1/6"	49	74	360
65	95X1/6"	66	88	400
80	110x1/4"	81	100	400
100	130x1/4"	96	119	500



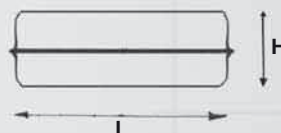
DN	B	C	D
25	90	52X1/6"	28,2
32	90	58X1/6"	34,2
40	101	65X1/6"	40,2
50	104	78X1/6"	50,2
65	115	95X1/6"	70,3
80	145	110X1/4"	a ric.
100	160	130X1/4"	a ric.



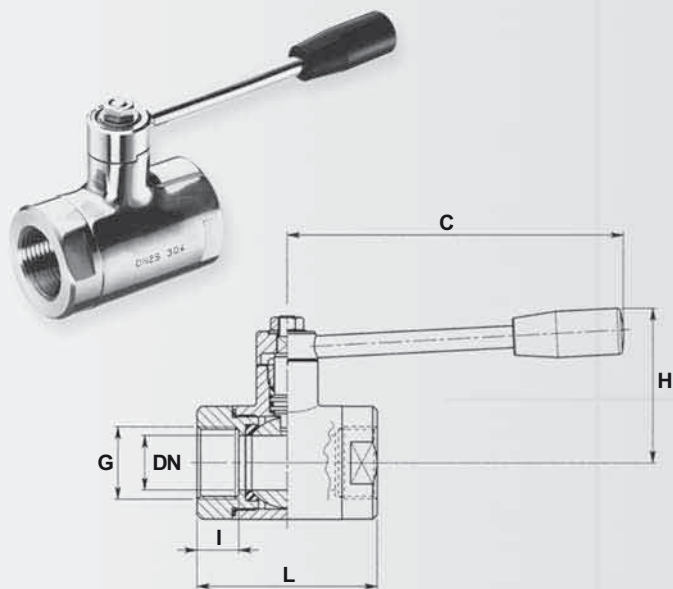
DN	A	B	
		2 Bar	4 Bar
3/8	447	105	120
1/2	506	120	160
3/4	490	160	220
1"	590	220	240
1"1/4	600	220	240
1"1/2	620	240	260
2"	670	260	300



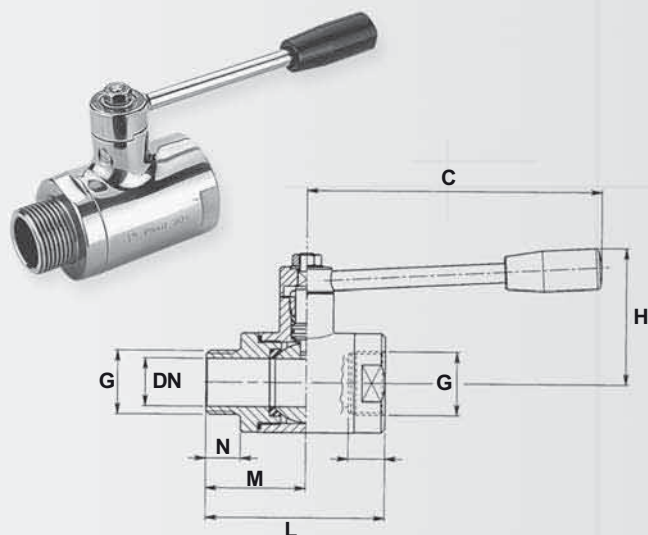
D	A
70	1/8" GAS
90	1/4" GAS
105	1/4" GAS
120	1/4" GAS
160	1/4" GAS
220	3/8" GAS
240	3/8" GAS
260	3/8" GAS
300	3/8" GAS



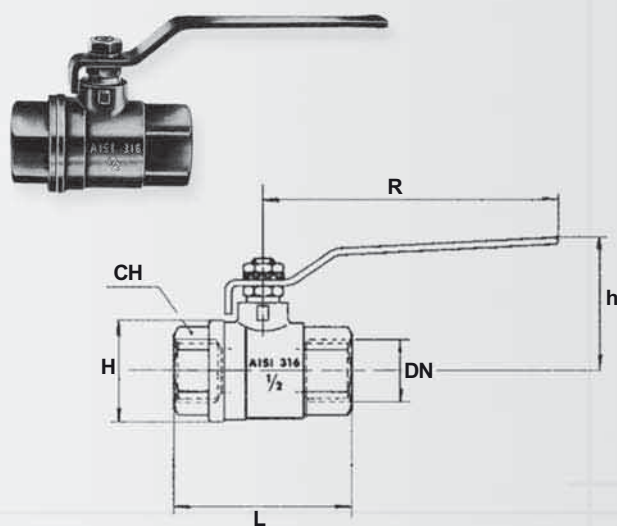
L	H
210	65
250	82



G	DN	L	I	C	H	PN
1/4"	9	52	13	110	50	64
3/8"	10	52	13	110	50	64
1/2"	15	62	15	110	55	64
3/4"	20	72	17	110	60	64
1"	25	82	19	160	65	40
1 1/4"	32	92	19	160	70	40
1 1/2"	40	104	20	190	80	40
2"	50	116	20	190	90	25
2 1/2"	65	128	20	235	110	25
3"	80	150	24	285	130	25
4"	100	178	26	310	150	25



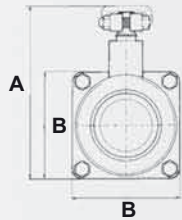
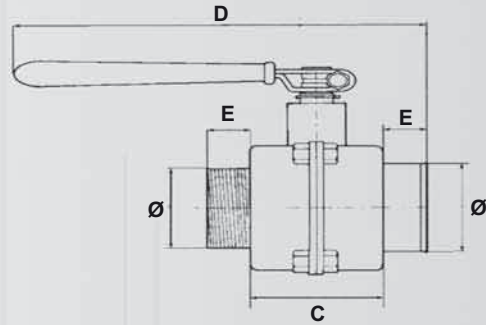
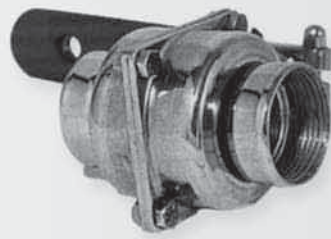
G	DN	L	I	N	M	C	H	PN
1/4"	9	64	13	11	38	110	50	64
3/8"	10	66	13	13	40	110	50	64
1/2"	15	76	15	15	45	110	55	64
3/4"	20	85	17	16	49	110	60	64
1"	25	93	19	18	52	160	65	40
1 1/4"	32	103	19	18	57	160	70	40
1 1/2"	40	116	20	20	64	190	80	40
2"	50	131	20	24	73	190	90	25
2 1/2"	65	147	20	27	83	235	110	25
3"	80	170	24	30	95	285	130	25
4"	100	192	26	36	104	310	150	25



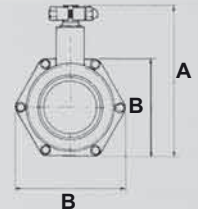
D	DN	H	L	R	CH	h	PN
1/8"	8	30	54	110	22	45	140
1/4"	8	30	54	110	22	45	140
3/8"	10	30	54	110	22	45	140
1/2"	15	33	60	110	27	47	140
3/4"	20	40	70	132	32	55	105
1"	25	49	79	132	41	59	105
1 1/4"	32	62	91	175	50	70	42
1 1/2"	40	75	103	175	55	77	42
2"	50	95	124	175	70	86	42

ART. 39  
ART. 40

VALVOLA SFERA STAMPATA ATTACCHI F TENUTA PTFE INOX 304  
VALVOLA SFERA STAMPATA ATTACCHI F TENUTA PTFE INOX 316L



GAS Ø	SF Ø	A	B	C	D	(FF)	(FM-FS)	F
1/2"	21	77	47	34	145	15	12	-
3/4"	26	87	57	41	148	15	14	-
1"	33	88	57	41	152	19	15	-
1 1/4"	42	114	70	50	161	20	17	-
1 1/2"	48	122	80	57	162	24	18	-
2"	59	128	93	69	210	24	18	-
2 1/2"	75	185	128	89	360	27	25	150
3"	88	190	142	100	370	41	32	163
4"	113	215	160	116	380	40	40	183



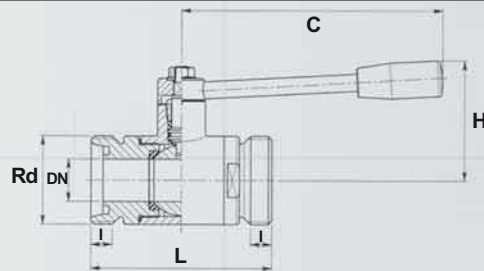
ART. 47  
VALVOLA A SFERA A DUE VIE F - F

INOX  
304/316L

ART. 47/A

INOX  
304/316L

VALVOLA A SFERA A DUE VIE M - F

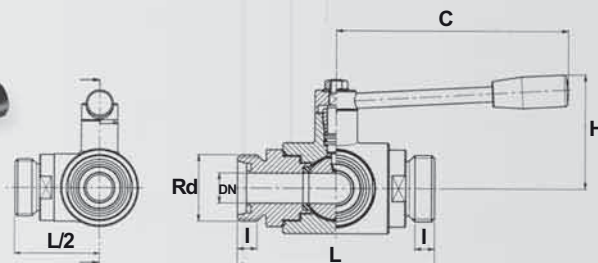
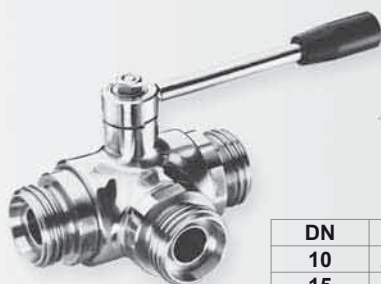


DN	Rd	L (F-F)	L (M-F)	I	C	H	PN
10	28X1/8"	88	94	12	110	50	64
15	34X1/8"	92	98	12	110	55	64
20	44X1/6"	102	110	14	110	60	64
25	52X1/6"	106	115	14	160	65	40
32	58X1/6"	112	121	14	160	70	40
40	65X1/6"	126	135	14	190	80	40
50	78X1/6"	136	146	14	190	90	25
65	95X1/6"	154	163	16	235	110	25
80	110X1/4"	184	189	20	285	130	25
100	130X1/4"	190	198	20	310	150	25

ART. 48  
ART. 48/B

VALVOLA A SFERA A TRE VIE CHIUSURA A "T"  
VALVOLA A SFERA A TRE VIE CHIUSURA A "L"

INOX  
304/316L



CHIUSURA A "T"



DN	Rd	L	I	C	H	PN
10	28X1/8"	108	12	110	60	40
15	34X1/8"	118	12	110	65	40
20	44X1/6"	130	14	160	70	40
25	52X1/6"	140	14	160	80	40
32	58X1/6"	156	14	190	95	40
40	65X1/6"	172	14	190	110	40
50	78X1/6"	182	14	235	120	25
65*	95X1/6"	196	16	285	130	25
80*	110X1/4"	256	20	310	145	16
100*	130X1/4"	286	20	310	160	16

CHIUSURA A "L"



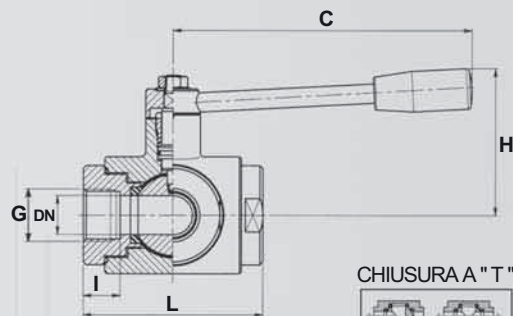
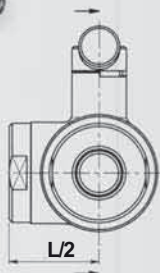
\* QUATTRO VIE



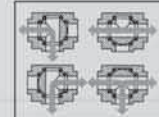
ART. 48/A  
ART. 48/C

VALVOLA A SFERA A TRE VIE CHIUSURA A "T"  
VALVOLA A SFERA A TRE VIE CHIUSURA A "L"

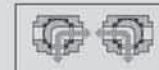
INDX  
304/316L



CHIUSURA A "T"



CHIUSURA A "L"



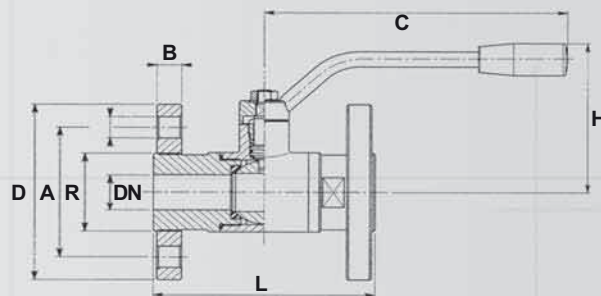
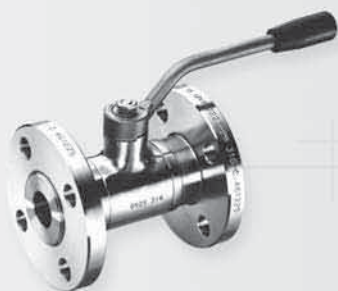
G	DN	L	I	C	H	PN
1/4"	12	72	16	110	60	40
3/8"	12	72	16	110	60	40
1/2"	15	82	18	110	65	40
3/4"	20	92	19	160	70	40
1"	25	102	20	160	80	40
1 1/4"	32	118	20	190	95	40
1 1/2"	40	134	20	190	110	40
2"	50	144	20	235	120	25
2 1/2" *	65	160	22	285	130	25
3" *	80	200	26	310	145	16
4" *	100	240	26	310	160	16

\*QUATTRO VIE

ART. 48/E

VALVOLA A SFERA FLANGIATA DUE VIE

INDX  
304/316L



ATTACCO FLANGIATO PN 10 - 16

DN	L	C	H	D	B	R	A	n°xF	PN
10	110	125	70	90	12	30	60	4x14	40
15	115	125	75	95	12	35	65	4x14	40
20	120	170	80	105	14	42	75	4x14	40
25	125	170	100	115	14	51	85	4x14	40
32	130	170	110	140	16	63	100	4x18	40
40	140	240	120	150	16	75	110	4x18	25
50	150	240	130	165	18	89	125	4x18	25
65	170	260	145	185	18	110	145	4x18	16
80	180	300	160	200	20	120	160	8x18	16
100	190	330	180	220	22	140	180	8x18	16

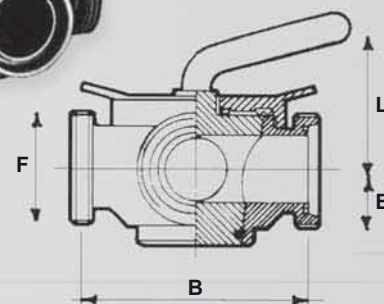
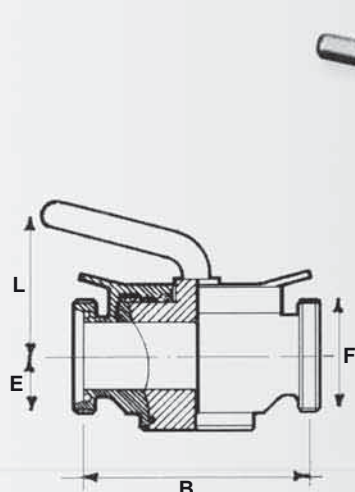
ART. 49

RUBINETTO MASCHIO A DUE VIE

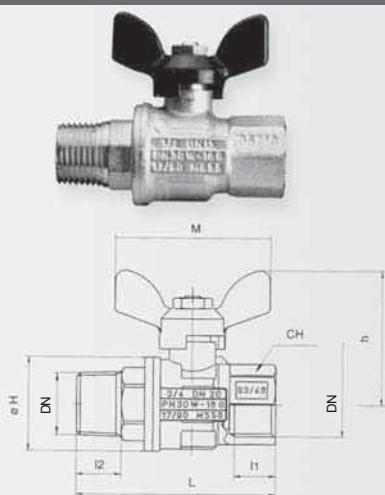
ART. 50

RUBINETTO MASCHIO A TRE VIE

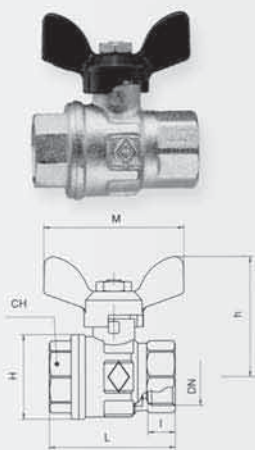
INDX  
304/316L



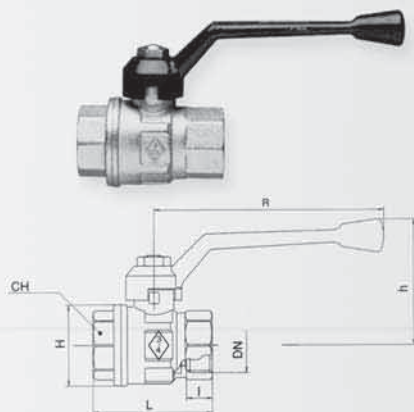
DN	B	E	F	L
25	125	38	52-6	90
32	160	45	58-6	117
40	160	45	65-6	117
50	170	55	78-6	122
65	200	68	95-6	142
80	230	71	110-4	154



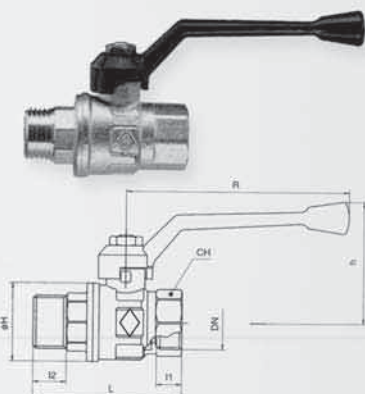
DN		I1	I2	L	H	CH	M	h	Kv	PN
1/4	8	11	12,5	58,5	23	20	50	42	5,4	64
3/8	10	11,4	13	59,5	23	20	50	42	6	64
1/2	15	15	17	72,5	32	25	50	45,5	16,3	30
3/4	20	16,3	18,5	81,5	39	31	64	54,5	29,5	30
1"	25	19	21,5	94,5	49	38	64	58,5	43	30



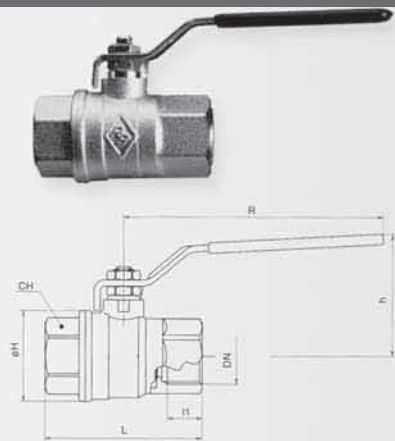
DN		I	L	H	CH	M	h	Kv	PN
1/4	8	11	51,5	23	20	50	42	5,4	64
3/8	10	11,4	51,5	23	20	50	42	6	64
1/2	15	13,5	55	33	25	50	45,5	16,3	30
3/4	20	12,5	57,5	39	32	64	54	29,5	30
1"	25	15	69,5	49	38	64	58	43	30



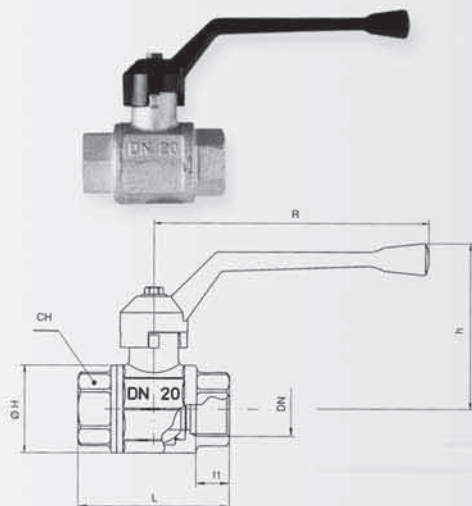
DN		I	L	H	CH	R	h	Kv	PN
1/4"	8	11	51,5	23	20	95	48	5,4	64
3/8"	10	11,4	51,5	23	20	95	48	6	64
1/2"	15	13,5	55	33	25	95	51	16,3	30
3/4"	20	12,5	57	39	31	110	60	29,5	30
1"	25	15	69,5	49	38	110	64	43	30
1 1/4"	32	17	81,5	59	48	160	79	89	25
1 1/2"	40	18	95	73	54	160	85	230	25
2"	50	22	113	86	67	170	103	265	25
2 1/2"	65	30,2	152	111	90	205	127,5	540	16
3"	80	33,3	177	136	105	205	138,5	873	16
4"	100	39,3	214	166	130	260	161	1390	16



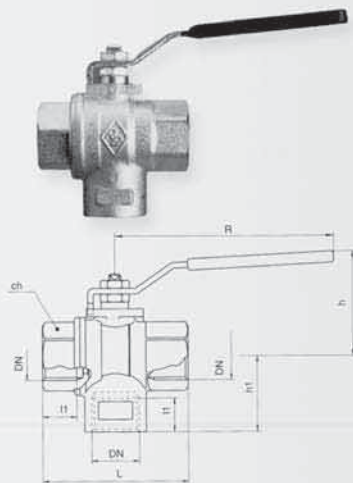
DN		I	I2	L	H	CH	R	h	Kv	PN
1/4"	8	11	12,5	58,5	23	20	95	48	5,4	64
3/8"	10	11,4	13	59,5	23	20	95	48	6	64
1/2"	15	13,5	13	67	33	25	95	51	16,3	30
3/4"	20	12,5	16,5	73,5	39	31	110	60	29,5	30
1"	25	15	19	85,5	49	38	110	64	43	30
1 1/4"	32	17	21,5	101,5	59	48	160	79	89	25
1 1/2"	40	18	21,5	110,5	73	54	160	85	230	25
2"	50	22	25,7	131,2	86	67	170	103	265	25
2 1/2"	65	30,2	32,5	175	111	90	205	127,5	540	16
3"	80	33,3	35,5	203,5	136	105	205	138,5	873	16
4"	100	39,3	42	250	166	130	260	161	1390	16



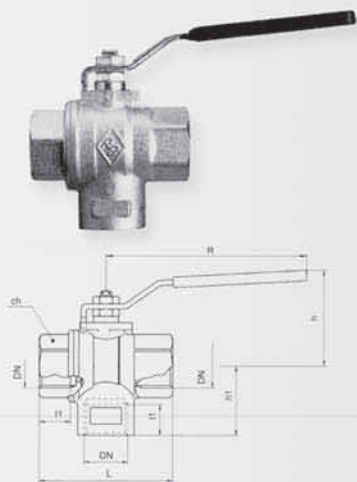
DN		I1	L	H	CH	R	h	Kv	PN
1/4"	8	11	51,5	23	20	98	44,5	5,4	30
3/8"	10	11,4	51,5	23	20	98	44,5	6	30
1/2"	15	15	64	34,5	27	98	46	16,3	64
3/4"	20	16,3	74	43	32	122	59,5	24,5	40
1"	25	19,1	89	53	41	122	63	31	40
1 1/4"	32	21,4	100	63	50	153	79,5	73	25
1 1/2"	40	21,4	110	77	55	153	86	146	25
2"	50	25,7	130	93	70	162	97	265	25



DN		I1	L	H	CH	R	h	Kv	PN
1/4"	8	11	52	28	22	120	62	5,4	64
3/8"	10	11,4	52	28	22	120	62	6	64
1/2"	15	15	64	34,5	27	120	64	16,3	64
3/4"	20	16,3	74	43	32	134	82	19,5	40
1"	25	19,1	89	53	41	134	84	43	40
1 1/4"	32	21,4	100	63	50	170	104	89	25
1 1/2"	40	21,4	110	77	55	170	111	230	25
2"	50	25,7	130	93	70	205	126	265	25

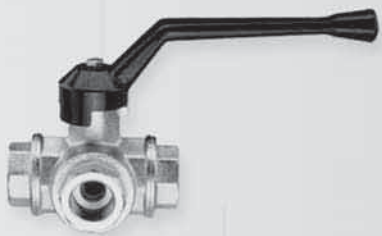
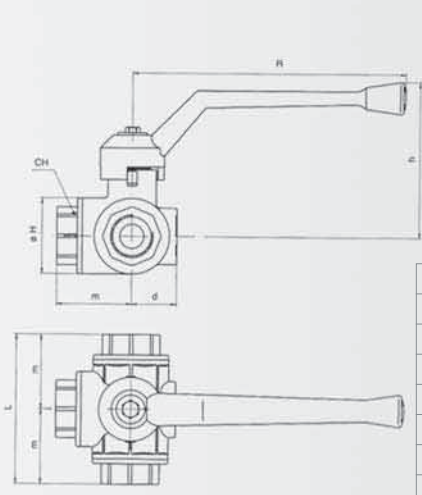


DN		ch	I1	L	h1	h	R	Kv	PN
1/4"	8	22	11	52	26	42	98	1,5	25
3/8"	10	22	11,4	52	26	42	98	1,8	25
1/2"	15	27	15	64	33,5	45	98	3,9	25
3/4"	20	32	16,3	74	39,5	57	118	7,9	16
1"	25	41	19,1	89	47	60	118	13	16
1 1/4"	32	50	21,4	100	54,5	66	118	20,7	10
1 1/2"	40	55	21,4	110	61,25	81	153	38,7	10
2"	50	70	25,7	130	72,75	103	170	54	10
3"	80	105	33,3	197	106	152	260	145,7	6



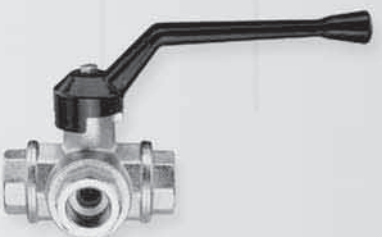
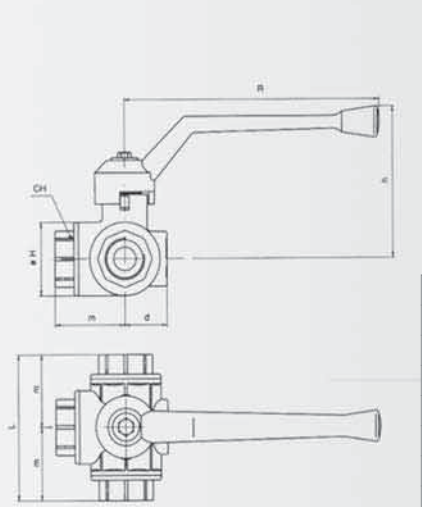
DN		ch	I1	L	h1	h	R	Kv	PN
1/4"	8	22	11	52	26	42	98	2,25	25
3/8"	10	22	11,4	52	26	42	98	2,7	25
1/2"	15	27	15	64	33,5	45	98	6	25
3/4"	20	32	16,3	74	39,5	57	118	11,5	16
1"	25	41	19,1	89	47	60	118	18,3	16
1 1/4"	32	50	21,4	100	54,5	66	153	27,2	10
1 1/2"	40	55	21,4	110	61,25	81	153	47,3	10
2"	50	70	25,7	130	72,75	103	170	73	10
3"	80	105	33,3	197	106	152	260	177,5	6

ART. 3300 VALVOLA A SFERA IN OTTONE 3 VIE F-F-F CHIUSURA A "T" OTTONE NICHELATO



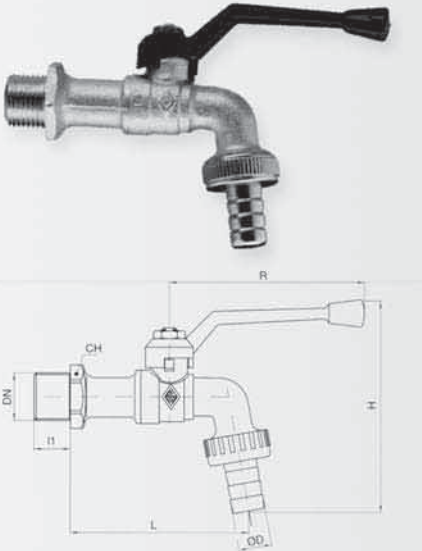
DN		p	H	l1	L	m	CH	R	h	d	Kv	PN
1/4"	8	11	39	12,5	80,5	40,25	22	134	79,5	23	2,8	40
3/8"	10	11	39	12,5	80,5	40,25	22	134	79,5	23	3	40
1/2"	15	11	39	14	80,5	40,25	31	134	79,5	23	3,6	40
3/4"	20	15	47	14	93,4	46,7	34	170	97,5	28	6	40
1"	25	20	54	17	107	53,5	41	205	106	31,5	11	25
1 1/4"	32	25	66	19	118	59	50	205	111	35,5	16	16
1 1/2"	40	32	80	23	141	70,5	57	205	117	43,5	25,5	16
2"	50	40	95	27	164	82	70	260	133,5	49	37,5	16

ART. 3400 VALVOLA A SFERA IN OTTONE 3 VIE F-F-F CHIUSURA A "L" OTTONE NICHELATO



DN		p	H	l1	L	m	CH	R	h	d	Kv	PN
1/4"	8	11	39	12,5	80,5	40,25	22	134	79,5	23	2,8	40
3/8"	10	11	39	12,5	80,5	40,25	22	134	79,5	23	3	40
1/2"	15	11	39	14	80,5	40,25	31	134	79,5	23	3,6	40
3/4"	20	15	47	14	93,4	46,7	34	170	97,5	28	6	40
1"	25	20	54	17	107	53,5	41	205	106	31,5	11	25
1 1/4"	32	25	66	19	118	59	50	205	111	35,5	16	16
1 1/2"	40	32	80	23	141	70,5	57	205	117	43,5	25,5	16
2"	50	40	95	27	164	82	70	260	133,5	49	37,5	16

ART. 4904 VALVOLA A SFERA IN OTTONE CON PORTAGOMMA OTTONE NICHELATO

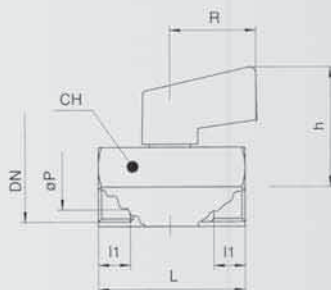


DN		P	l1	CH	D	L	h	R	PN
3/8"	10	10	23	25	15,5	79	45,5	95	30
1/2"	15	10	12	25	15,5	79	45,5	95	30
3/4"	20	12	15	30	20,5	92	47	95	30
1"	25	15	18	38	25,5	100	56	110	30

ART. 5810 GIRELLO CON PORTAGOMMA E GUARNIZIONE PER ART. 4904 OTTONE NICHELATO

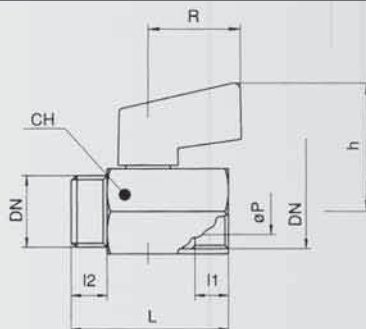


Ød	ØD
3/8"	15,5
1/2"	15,5
3/4"	20,5
1"	20,5



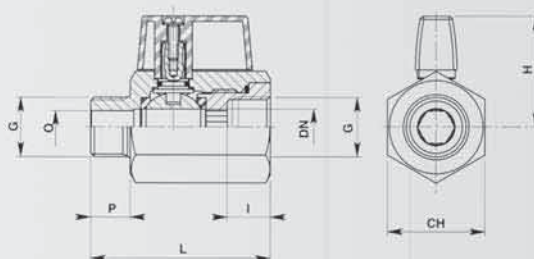
DN	P	CH	I1	h	L	R	Kv	PN
1/4"	8	21	10	36,5	41	27	4,3	10
3/8"	8	21	10	36,5	41	27	2,7	10
1/2"	10	25	11	37,7	46	27	5,4	10

ART. 3931 MINISFER M-F



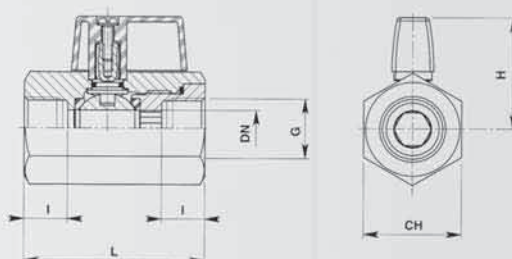
DN	P	CH	I1	I2	L	h	R	Kv	PN
1/4"	8	21	10	10	41	36,5	27	4,3	10
3/8"	8	21	10	10	41	36,5	27	2,7	10
1/2"	10	25	11	11	46	37,5	27	5,4	10

ART. 110 MINISFER ACCIAIO INOX M-F

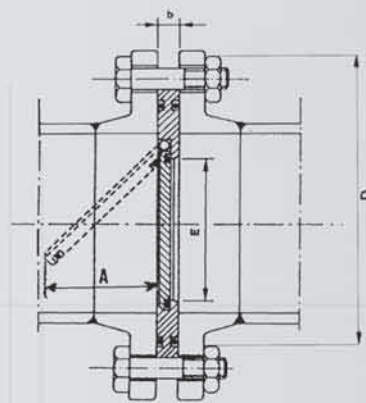
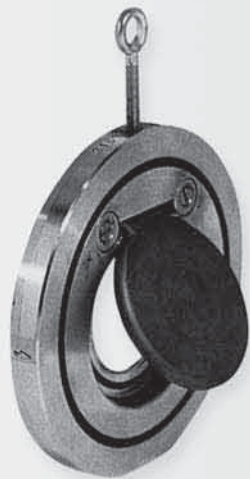


G	DN	L	I	O	P	H	CH	PN
1/4"	9	50	12	8	11	30	27	40
3/8"	10	50	12	10	11	30	27	40
1/2"	15	50	12	10	11	30	27	40

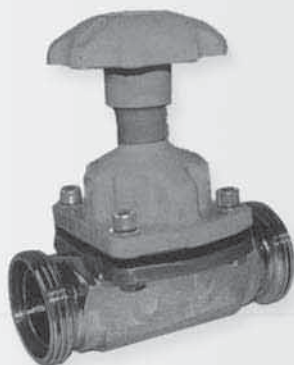
ART. 111 MINISFER ACCIAIO INOX F-F



G	DN	L	I	H	CH	PN
1/4"	10	50	12	30	27	40
3/8"	10	50	12	30	27	40
1/2"	10	50	12	30	27	40



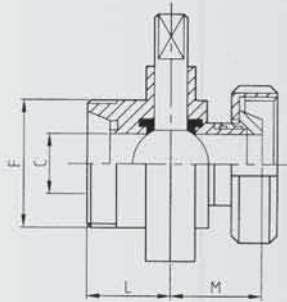
DN	Inc.	A	PN 10			PN 16			ANSI 150		
			D	E	b	D	E	b	D	E	b
40	1 1/2"	30	95	22	14	95	22	14	86	22	14
50	2"	35	109	32	14	109	32	14	105	32	14
65	2 1/2"	48	129	40	14	129	40	14	124	40	14
80	3"	60	144	54	14	144	54	14	137	54	14
100	4"	78	164	70	18	164	70	18	175	70	18
125	5"	98	195	92	18	195	92	18	197	92	18
150	6"	116,5	220	112	20	220	112	20	222	112	20
200	8"	160	275	154	22	275	154	22	279	154	22
250	10"	200	330	200	26	332	200	26	339	200	26
300	12"	235	380	240	32	387	240	32	409	240	32
350	14"	258	440	270	38	447	270	38	450	270	38
400	16"	300	490	310	44	497	310	44	514	310	44
450	18"	331	540	360	50	557	360	50	548	360	50
500	20"	368	595	405	56	619	405	58	603	405	58



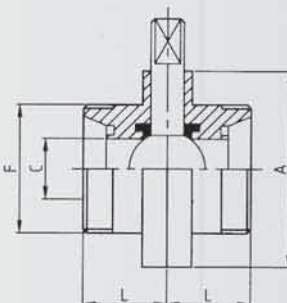
DN	
1/2"	12
3/4"	19
1"	25
1 1/2"	38
2"	51



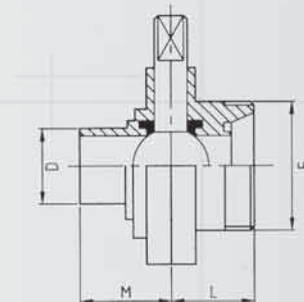
DN	
1/2"	12
3/4"	19
1"	25
1 1/2"	38
2"	51



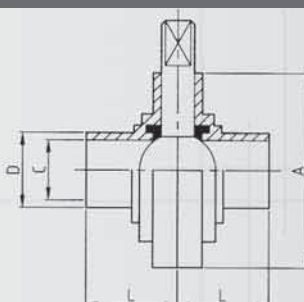
DN	C	F	L	M
25	25	52-6	34	41
32	31	58-6	34	45
40	37	65-6	38	44
50	49	78-6	38	46
65	66	95-6	38	48
80	81	110-4	41,5	51
100	97,6	130-4	44	53
104	100	130-4	44	53



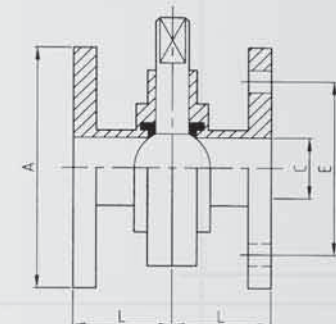
DN	A	C	F	L
25	79	25	52-6	34
32	85	31	58-6	34
40	92	37	65-6	38
50	105	49	78-6	38
65	125	66	95-6	38
80	137	81	110-4	41,5
100	157	97,6	130-4	44
104	157	100	130-4	44



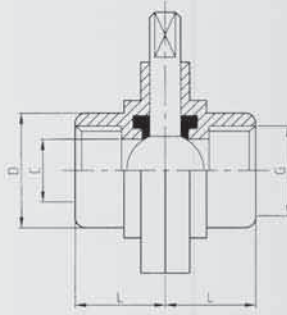
DN	A	F	L	M
25	28	52-6	34	34
32	34	58-6	34	38
40	40	65-6	38	38
50	52	78-6	38	40
65	70	95-6	38	41
80	85	110-4	41,5	42
100	101,6	130-4	44	44
104	104	130-4	44	44



DN	A	C	D	L
25	79	25	28	30
32	85	31	34	30
40	92	37	40	30
50	105	49	52	30
65	125	66	70	30
80	137	81	85	30
100	157	97,6	101,6	30
104	157	100	104	30



DN	A	C	D	L
28	100	25	75	43,5
34	120	31	90	47,5
40	130	37	100	47,5
52	140	49	110	49,5
70	160	66	130	50,5
85	190	81	150	51,5
101	210	97,6	170	53,5
104	210	100	170	53,5



DN	C	D	G	L
34	20,0	37,0	3/4"	34
100	25,5	40,0	1"	34
114	34,0	50,0	1 1/4"	38
112	39,0	58,0	1 1/2"	38
200	50,0	70,0	2"	40
212	66,0	86,0	2 1/2"	40
300	77,5	100,0	3"	41
400	101,0	124,0	4"	44

## ART. 15

## MANIGLIA



TIPO A 2 POSIZIONI



TIPO B A PIÙ POSIZIONI



TIPO C PER ATTUATORE



TIPO D A PIÙ POSIZIONI



TIPO E MICROMETRICA

## ART. 62

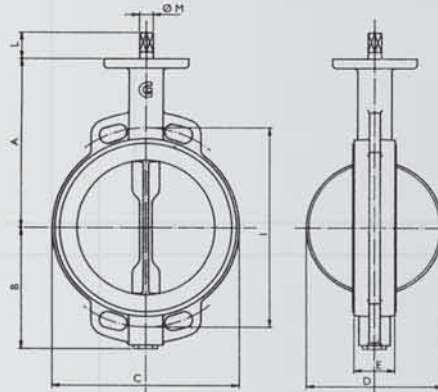
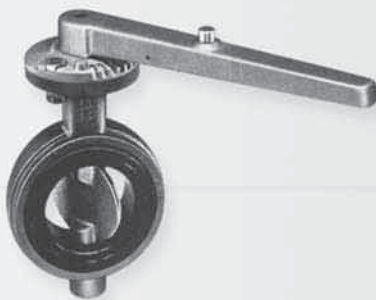
## GUARNIZIONI VALVOLA A FARFALLA (SIL. - VITON)



DIAM.	A	B	L
25/28	43,6	23,2	27,0
34/38	52,3	23,2	35,0
40	55,6	23,2	39,0
51/52	66,0	23,2	49,0
60/63	76,4	23,4	59,5
70/76	88,8	25,4	69,5
85	99,0	25,4	79,5
101/104	119,0	25,4	100,0

## ART. 115/B

## VALVOLA B V K I WAFER PN6



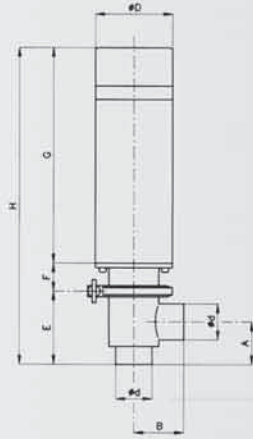
DN	"	A	B	C	D	E	I	L	ØM
40	1 1/2"	130	75	84	49	33	100	34	14
50	2"	138	81	96	55	43	110	34	14
65	2 1/2"	148	89	116	68	46	130	34	14
80	3"	158	110	133	81	46	150	34	14
100	4"	173	128	152	101	52	170	34	16
125	5"	186	140	182	126	56	200	34	18
150	6"	202	155	207	150	56	225	34	18
200	8"	240	190	262	200	60	280	38	22
250	10"	270	220	317	250	68	335	38	30
300	12"	300	247	373	298	78	395	38	30

- GUARNIZIONE BUNA

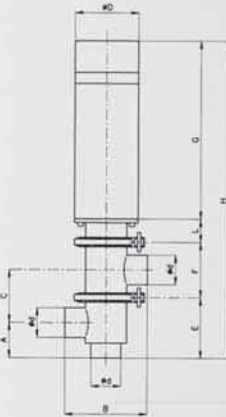
- GUARNIZIONE EPDM

- GUARNIZIONE VITON

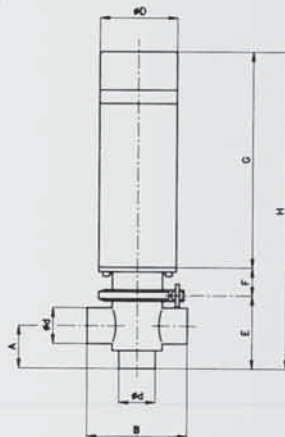




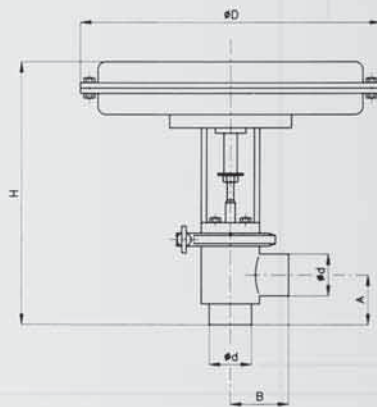
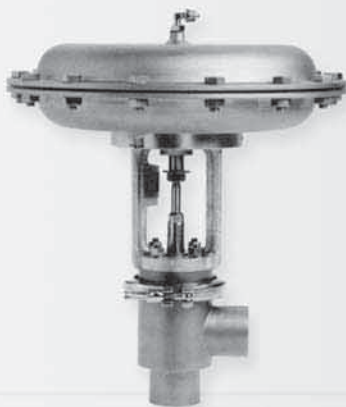
DN	Ød	ØD	A	B	E	F	G	H
15	18	70	38	38	73	25	230	328
20	22	70	38	38	73	25	230	328
25	28	70	52	52	88	29	230	347
32	34	88,9	56	56	92	42	272	406
40	40	88,9	64	64	106	42	272	420
50	52	88,9	72	72	120	42	272	434
65	70	101,6	86	86	143	42	291	476
80	80	141,3	109	109	177	55	315	547
100	101,6	141,3	119	119	195	55	315	565



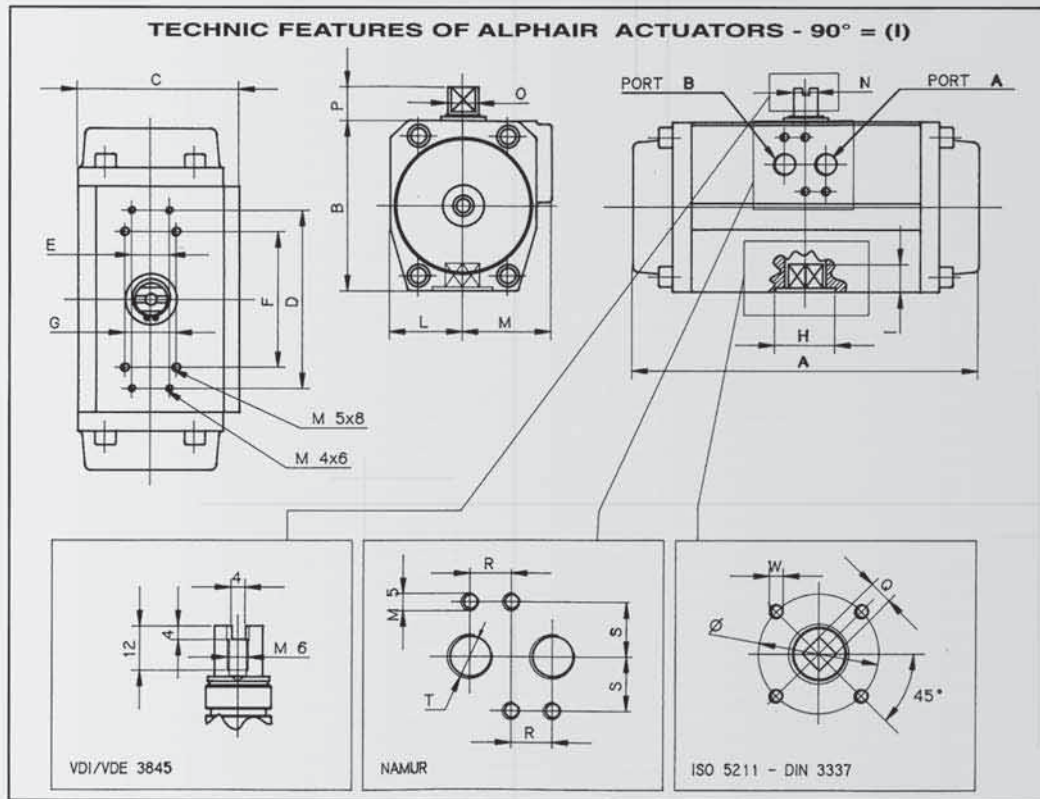
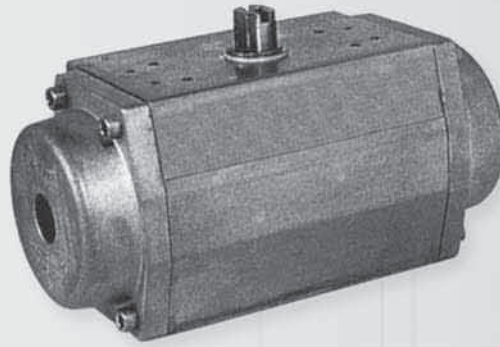
DN	Ød	ØD	A	B	C	E	F	G	L	H
15	18	70	38	76	66	73	60	230	25	338
20	22	70	38	76	66	73	60	230	25	338
25	28	70	52	104	72	88	68	230	29	415
32	34	88,9	56	112	78	92	76	272	42	482
40	40	88,9	64	128	86	106	76	272	42	496
50	52	88,9	72	144	96	120	87	272	42	521
65	70	101,6	86	172	114	143	108	291	42	584
80	80	141,3	109	218	135	177	127	315	42	674
100	101,6	141,3	119	238	152	195	145	315	55	710



DN	Ød	ØD	A	B	E	F	G	H
15	18	70	38	76	73	25	230	328
20	22	70	38	76	73	25	230	328
25	28	70	52	104	88	29	230	347
32	34	88,9	56	112	92	42	272	406
40	40	88,9	64	128	106	42	272	420
50	52	88,9	72	144	120	42	272	434
65	70	101,6	86	172	143	42	291	476
80	80	141,3	109	218	177	55	315	547
100	101,6	141,3	119	238	195	55	315	565



DN	Ød	ØD	A	B	H
15	18	210	38	38	304
20	22	210	38	38	304
25	28	210	52	52	321
32	34	292	56	56	344
40	40	292	64	64	354
50	52	336	72	72	383
65	70	408	86	86	432
80	85	408	109	109	471
100	101,6	520	119	119	487



Posizione	AP032	AP050	AP063	AP075	AP085	AP100	AP115	AP125
A	117	138	155,5	210	228	280,5	310	362
B	45	67	83	100	110	125	142	155
C	48	75	86	94	104	120	134	141
D	-	-	-	105	105	105	139	139
E	-	-	-	22	22	22	22	22
F	50	80	80	80	80	80	130	130
G	25	30	30	30	30	30	30	30
H	-	25/30	25/30/35	30/35	40	55/40	55	55/75
I	10	10/13	10/13/16	13/16/20	16/20	20/25	20/25	20/25/30
L	22,5	33,5	38	42,5	49	55	63,5	69,5
M	25,5	41,5	48	51,5	55	65	70,5	71,5
T.DIN 259	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
N	8	8	8	14	14	14	27	27
O	12	12	12	18	18	18	36	36
P	20	20	20	20	20	20	30	30
R	12	12	12	12	12	12	12	12
S	16	16	16	16	16	16	16	16
DIAM.Ø	36	36/42	36/42/50	42/50/70	50/70	70/102	70/102	70/102/108
Q	09	09/11	09/11/14	11/14/17	14/17	17/22	17/22	17/22/27
W	M5	M5-M6	M5-M6	M5-M6-M8	M6-M8	M8-M10	M8-M10	M8-M10-M12
ISO 5211	F03-F04	F03-F04-F05	F04-F05	F04-(F05/07)	(F05/07)	(F07-10)	(F07/10)	(F07/10)F12

ART. 202

MICROINTERRUTTORE



ART. 203

CAM PER PROXIMITY



ART. 204

CAM STANDARD



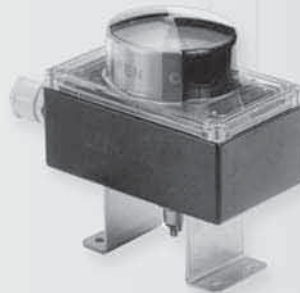
ART. 205

ELETTRIVALVOLA



ART. 206

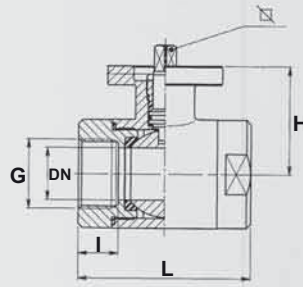
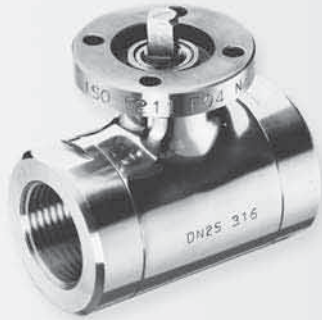
SWITCH BOX



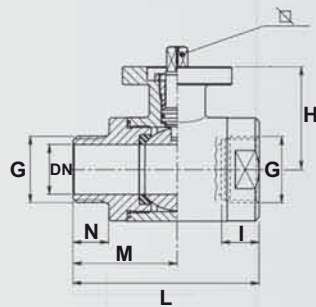
ART. 207

STAFFA

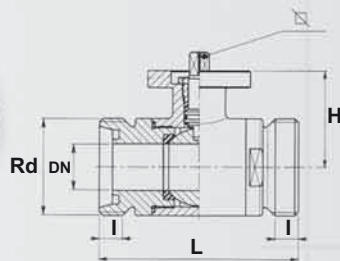




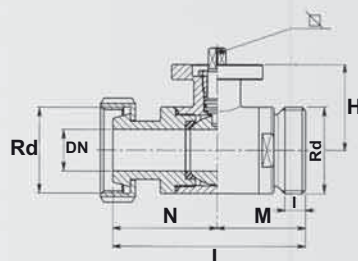
G	DN	L	I	H	PN
1/4"	9	52	13	39	64
3/8"	10	52	13	39	64
1/2"	15	62	15	41,5	64
3/4"	20	72	17	45	64
1"	25	82	19	51,5	40
1 1/4"	32	92	19	56,5	40
1 1/2"	40	104	20	76	40
2"	50	116	20	84	25
2 1/2"	65	128	20	94,5	25
3"	80	150	24	106	25
4"	100	178	26	120	25



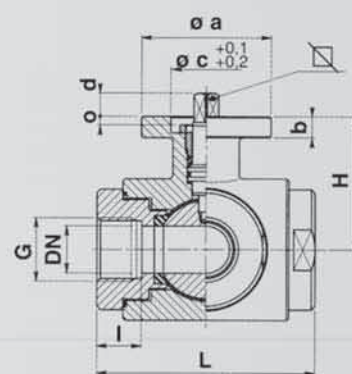
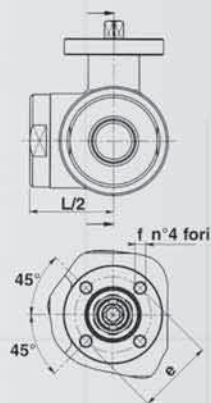
G	DN	L	I	N	M	H	PN
1/4"	9	64	13	11	38	39	64
3/8"	10	66	13	13	40	39	64
1/2"	15	76	15	15	45	41,5	64
3/4"	20	85	17	16	49	45	64
1"	25	93	19	18	52	51,5	40
1 1/4"	32	103	19	18	57	56,5	40
1 1/2"	40	116	20	20	64	76	40
2"	50	131	20	24	73	84	25
2 1/2"	65	147	20	27	83	94,5	25
3"	80	170	24	30	95	106	25
4"	100	192	26	36	104	120	25



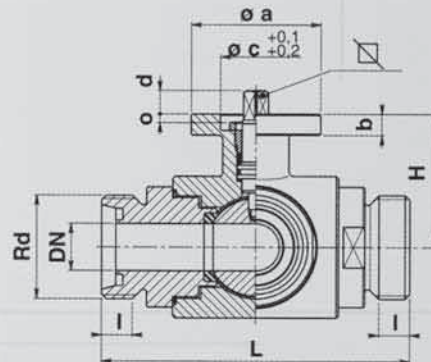
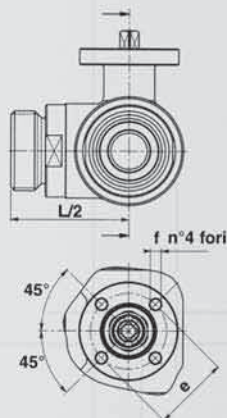
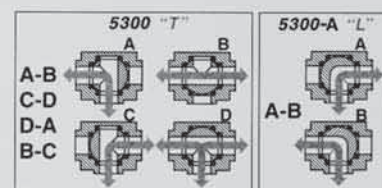
DN	Rd	L	I	H	PN
10	28x1/8"	88	12	39	64
15	34x1/8"	92	12	41,5	64
20	44x1/6"	102	14	45	64
25	52x1/6"	106	14	51,5	40
32	58x1/6"	112	14	56,5	40
40	65x1/6"	126	14	76	40
50	78x1/6"	136	14	84	25
65	95x1/6"	154	16	94,5	25
80	110x1/4"	184	20	106	25
100	130x1/4"	190	20	120	25



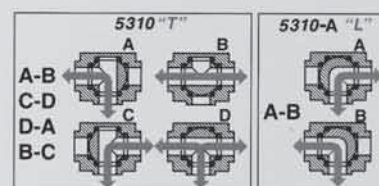
DN	Rd	L	M	N	I	H	PN
10	28x1/8"	94	44	50	12	39	64
15	34x1/8"	98	46	52	12	41,5	64
20	44x1/6"	110	51	59	14	45	64
25	52x1/6"	115	53	62	14	51,5	40
32	58x1/6"	121	56	65	14	56,5	40
40	65x1/6"	135	63	72	14	76	40
50	78x1/6"	146	68	78	14	84	25
65	95x1/6"	163	77	86	16	94,5	25
80	110x1/4"	189	92	97	20	106	25
100	130x1/4"	198	95	103	20	120	25

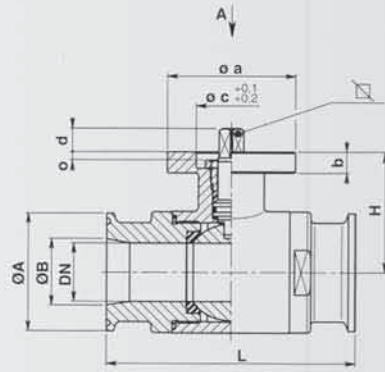


G	DN	L	I	H	PN
1/4"	12	72	16	46,5	40
3/8"	12	72	16	46,5	40
1/2"	15	82	18	49	40
3/4"	20	92	19	56,5	40
1"	25	102	20	61	40
1 1/4"	32	118	20	81,5	40
1 1/2"	40	134	20	89	40
2"	50	144	20	91,5	25
2 1/2"	65	160	22	101,5	25
3"	80	200	26	116	16
4"	100	240	26	131	16



DN	Rd	L	I	H	PN
10	28x1/8"	108	12	46,5	40
15	34x1/8"	118	12	49	40
20	44x1/6"	130	14	56,5	40
25	52x1/6"	140	14	61	40
32	58x1/6"	156	14	81,5	40
40	65x1/6"	172	14	89	40
50	78x1/6"	182	14	91,5	25
65	95x1/6"	196	16	101,5	25
80	110x1/4"	256	20	116	16
100	130x1/4"	286	20	131	16

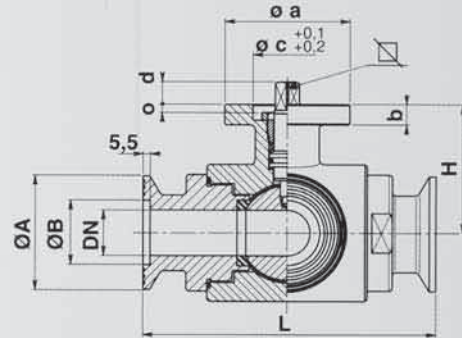




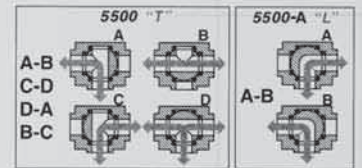
CLAMP	DN	L	$\phi A$	$\phi B$	H	PN
1/2"	10	88	25	9,7	39	64
3/4"	15	92	25	16	41,5	64
1"	20	102	50,5	22,2	45	64
1"	25	106	50,5	22,2	51,5	40
1 1/2"	32	112	50,5	34,8	56,5	40
1 1/2"	40	126	50,5	34,8	76	40
2"	50	136	64	47,5	84	25
2 1/2"	65	154	77,5	60,2	94,5	25
3"	80	184	91	72,6	106	25
4"	100	190	119	97,6	120	25

ART. 5500 VALVOLA A SFERA A 3 VIE CLAMP "T"

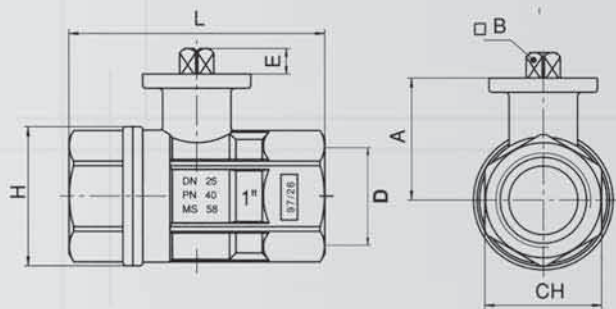
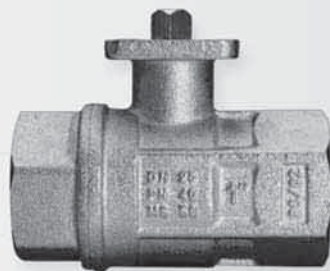
ART. 5500/A VALVOLA A SFERA A 3 VIE CLAMP "L"



CLAMP	DN	L	$\phi A$	$\phi B$	H	PN
1/2"	10	108	25	9,7	46,5	40
3/4"	15	118	25	16	49	40
1"	20	130	50,5	22,2	56,5	40
1"	25	140	50,5	22,2	61	40
1 1/2"	32	156	50,5	34,8	81,5	40
1 1/2"	40	172	50,5	34,8	89	40
2"	50	182	64	47,5	91,5	25
2 1/2"	65	196	77,5	60,2	101,5	25
3"	80	256	91	72,6	116	16
4"	100	286	119	97,6	131	16



ART. 2500 VALVOLA A SFERA A 2 VIE F/F IN OTTONE NICHELATO



DN	D	A	B	E	H	L	CH	Kv	PN
1/4"	8	14,2	30,5	9	7	33,5	27	5,4	40
3/8"	10	14,2	30,5	9	7	33,5	27	6	40
1/2"	15	14,2	30,5	9	7	33,5	27	16,3	40
3/4"	20	19	32,5	9	7	40	32	16,3	40
1"	25	24,2	43	9	9	49	41	29,5	40
1 1/4"	32	30	46,5	9	9	58,5	50	43	40
1 1/2"	40	38	61	11	10,75	71,5	55	230	40
2"	50	50,2	70,25	11	10,75	91,5	70	265	40
2 1/2"	65	65	85	14	15	113	90	540	40
3"	80	76	94,5	14	15	135	105	810	40
4"	100	95	116	17	18	166	130	1280	40

**art. 15** maniglia tipo c



**art. 57** Valvola a farfalla M/F



Pag. 44

**art. 58** Valvola a farfalla F/F



Pag. 44

**LE VALVOLE  
A FARFALLA  
MONTATE CON  
MANIGLIA TIPO "C"  
DIVENTANO  
IDONEE  
PER  
ATTUATORE**

**art. 58/B** Valvola a farfalla F/S



Pag. 44

**art. 58/S** Valvola a farfalla S/S



Pag. 44

**art. 58/F** Valvola a farfalla flangiata



Pag. 44

**art. 58/A** Valvola a farfalla attacchi gas

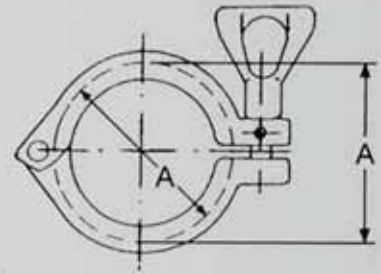


Pag. 45

**art. 58/TC** Valvola a farfalla tri-clamp



Pag. 44



Dimensioni Iso

DN	A
8	37,0
10	37,0
15	37,0
20	53,6
25	53,6
32	53,6
40	67,0
50	80,6
65	94,0
80	110,0
100	134,5
125	158,0
150	186,0
200	236,0
250	324,0

Dimensioni DIN 11850

DN	A
10	37,0
15	37,0
20	37,0
25	53,6
32	53,6
40	53,6
50	67,0
65	94,0
80	110,0
100	122,0
125	158,0
150	170,7
200	220,0
250	273,0
300	324,0

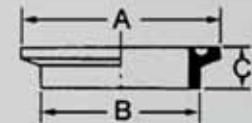
Dimensioni Inch

	A
1/2	28,6
3/4	28,6
1"	53,6
1 1/2"	53,6
2"	67,0
2 1/2"	80,6
3"	94,0
4"	122,0
5"	158,0
6"	170,7
8"	220,0
10"	273,0
12"	324,0

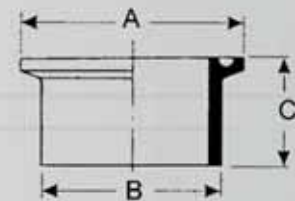
ART. 301/A TRONCHETTO CLAMP L=12,7



	A	B	C
1/2	25,4	12,70	12,7
3/4	25,4	19,05	12,7
1"	50,4	25,4	12,7
1 1/2"	50,4	38,1	12,7
2"	64,0	50,8	12,7
2 1/2"	77,4	63,5	12,7
3"	90,9	76,2	12,7
4"	118,8	101,6	15,8



ART. 301 TRONCHETTO CLAMP L=28,6



Dimensioni Iso

DN	A	B	C
8	34,0	13,7	21,5
10	34,0	17,2	21,5
15	34,0	21,3	21,5
20	50,4	26,9	21,5
25	50,4	33,7	21,5
32	50,4	42,4	21,5
40	64,0	48,3	21,5
50	77,4	60,3	21,5
65	90,9	76,2	21,5
80	106,0	88,9	21,5
100	130,0	114,3	21,5
125	155,0	139,7	28,6
150	183,0	168,3	28,6
200	233,5	219,1	28,6
250	319,3	273,0	28,6

Dimensioni DIN 11850

DN	A	B	C
10	34,0	12	21,5
15	34,0	18	21,5
20	34,0	22	21,5
25	50,4	28	21,5
32	50,4	34	21,5
40	50,4	40	21,5
50	64,0	52	21,5
65	90,9	70	28,6
80	106,0	85	28,6
100	118,0	104	28,6
125	155,0	129	28,6
150	167,0	154	28,6
200	217,4	204	28,6
250	268,5	254	28,6
300	319,3	305	28,6

Dimensioni Inch

	A	B	C
1/2	25,4	12,70	21
3/4	25,4	19,05	21
1"	50,4	25,4	28,60
1 1/2"	50,4	38,1	28,60
2"	64,0	50,8	28,60
2 1/2"	77,4	63,5	28,60
3"	90,9	76,2	28,60
4"	118,8	101,6	28,60
5"	155,0	129,0	28,60
6"	167,0	154,0	28,60
8"	217,4	204,0	28,60
10"	268,5	254,0	28,60
12"	319,3	305,0	28,60

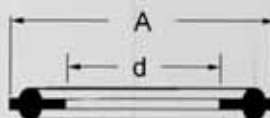


ART. 302 GUARNIZIONI IN SILICONE

ART. 302/A GUARNIZIONI IN VITON

ART. 302/B GUARNIZIONI IN EPDM

ART. 309 GUARNIZIONI IN PTFE



Dimensioni Iso

DN	A	d
8	34,0	11,0
10	34,0	14,0
15	34,0	18,0
20	50,0	24,0
25	50,0	30,0
32	50,0	39,0
40	63,5	45,0
50	76,5	56,0
65	90,0	72,0
80	105,0	85,0
100	129,0	109,0
125	154,0	136,0
150	182,0	163,0
200	232,5	213,0
250	319,0	267,0

Dimensioni DIN 11850

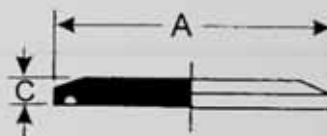
DN	A	d
10	33,5	9,0
15	33,5	15,0
20	33,5	19,0
25	50,0	25,0
32	50,0	31,0
40	50,0	37,0
50	63,5	49,0
65	90,0	66,0
80	105,0	81,0
100	118,0	100,0
125	154,0	125,0
150	167,0	150,0
200	217,4	200,0
250	268,0	247,0
300	319,0	298,0

Dimensioni Inch

	A	d
1/2	22	9,6
3/4	22	16,0
1"	50,4	22,0
1 1/2"	50,4	35,0
2"	63,5	48,0
2 1/2"	77,0	60,0
3"	90,0	73,0
4"	118,0	97,0
5"	154,0	125,0
6"	167,0	147,0
8"	217,0	200,0
10"	268,0	247,0
12"	319,0	298,0

ART. 303 TAPPO CLAMP

INOX 316L L



Dimensioni Iso

DN	A	C
8	34,0	4,7
10	34,0	4,7
15	34,0	4,7
20	50,4	6,4
25	50,4	6,4
32	50,4	6,4
40	64,0	6,4
50	77,4	6,4
65	90,9	6,4
80	106,0	6,4
100	130,0	7,9
125	155,0	10,0
150	183,0	10,0
200	233,5	10,0
250	319,3	10,0

Dimensioni DIN 11850

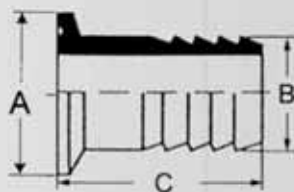
DN	A	C
10	34,0	4,7
15	34,0	4,7
20	34,0	6,4
25	50,4	6,4
32	50,4	6,4
40	50,4	6,4
50	64,0	6,4
65	90,9	6,4
80	106,0	6,4
100	118,0	7,9
125	155,0	10,0
150	167,0	10,0
200	217,4	10,0
250	268,5	10,0
300	319,3	10,0

Dimensioni Inch

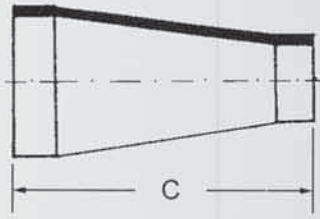
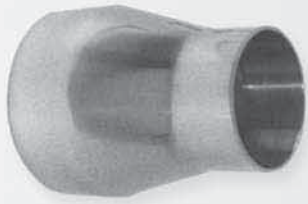
	A	C
1/2	25,4	4,7
3/4	25,4	4,7
1"	50,4	6,4
1 1/2"	50,4	6,4
2"	64,0	6,4
2 1/2"	77,4	6,4
3"	90,9	6,4
4"	118,8	7,9
5"	155,0	10,0
6"	167,0	10,0
8"	217,4	10,0
10"	268,5	10,0
12"	319,3	10,0

ART. 304 PORTAGOMMA CLAMP

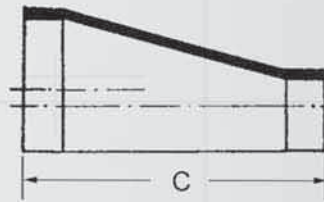
INOX 316L L



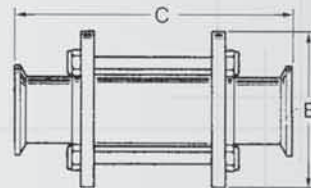
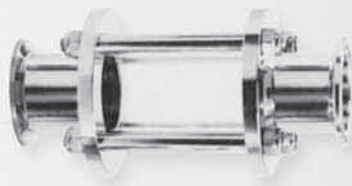
	A	B	C
1/2	25,4	12,70	38,1
3/4	25,4	19,05	38,1
1"	50,4	25,4	42,9
1 1/2"	50,4	38,1	42,9
2"	64,0	50,8	58,7
2 1/2"	77,4	63,5	59,5
3"	90,9	76,2	78,6
4"	118,8	101,6	86,5



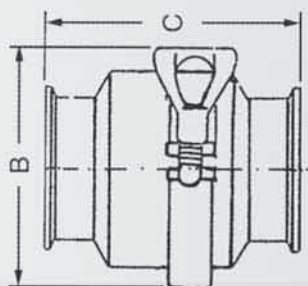
	C
<b>DA BARRA</b>	
3/4 x 1/2	38,1
1" x 1/2	50,8
1" x 3/4	50,8
1"1/2 x 1/2	63,5
1"1/2 x 3/4	63,5
1"1/2 x 1"	63,5
2" x 1"	63,5
2" x 1"1/2	50,8
<b>DA TUBO</b>	
2"1/2 x 1"1/2	115,0
2"1/2 x 2"	97,0
3" x 1"1/2	132,0
3" x 2"	130,0
3" x 2"1/2	97,0
4" x 2"	120,0
4" x 2"1/2	120,0
4" x 3"	120,0



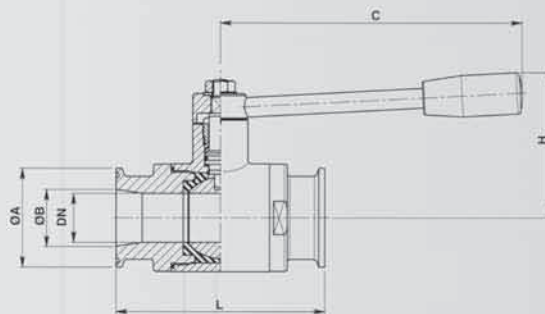
	C
3/4 x 1/2	25,4
1" x 1/2	37,6
1" x 3/4	91,0
1"1/2 x 1"	100,0
2" x 1"	120,0
2" x 1"1/2	100,0
2"1/2 x 1"1/2	140,0
2"1/2 x 2"	105,0
3" x 2"	135,0
3" x 2"1/2	105,0
4" x 2"1/2	170,0
4" x 3"	135,0



	B	C
1"	58	146
1"1/2	79	146
2"	96	146
2"1/2	98	184
3"	110	184
4"	138	184

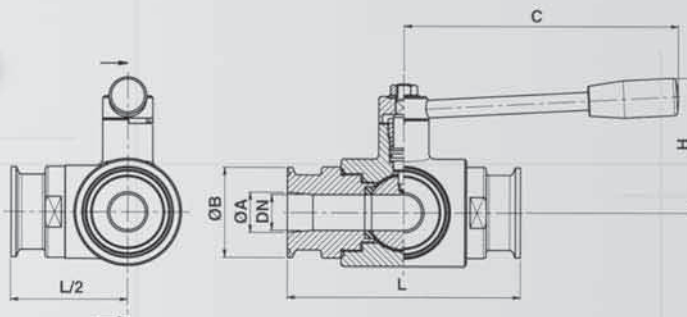


	B	C
1"	105	85
1"1/2	105	90
2"	132	125
2"1/2	132	125



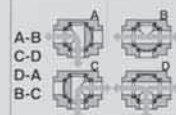
CLAMP	DN	L	ØA	ØB	C	H	PN
1/2"	10	88	25	9,7	110	50	64
3/4"	15	92	25	16	110	55	64
1"	20	102	50,5	22,2	110	60	64
1"	25	106	50,5	22,2	160	65	40
1 1/2"	32	112	50,5	34,8	160	70	40
1 1/2"	40	126	50,5	34,8	190	80	40
2"	50	136	64	47,5	190	90	25
2 1/2"	65	154	77,5	60,2	235	110	25
3"	80	184	91	72,6	285	130	25
4"	100	190	119	97,6	310	150	25

ART. 48/LTC VALVOLA A SFERA A 3 VIE A "L"  
 ART. 48/TTC VALVOLA A SFERA A 3 VIE A "T"

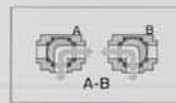


CLAMP	DN	L	ØA	ØB	C	H	PN
1/2"	10	108	25	9,7	110	60	40
3/4"	15	118	25	16	110	65	40
1"	20	130	50,5	22,2	160	70	40
1"	25	140	50,5	22,2	160	80	40
1 1/2"	32	156	50,5	34,8	190	95	40
1 1/2"	40	172	50,5	34,8	190	110	40
2"	50	182	64	47,5	235	120	25
2 1/2"	65	196	77,5	60,2	285	130	25
3"	80	256	91	72,6	310	145	16
4"	100	286	119	97,6	310	160	16

ATTACCO A "T"



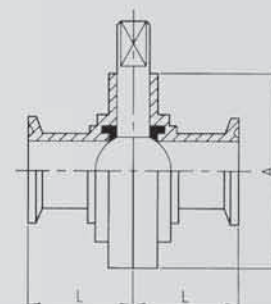
ATTACCO A "L"

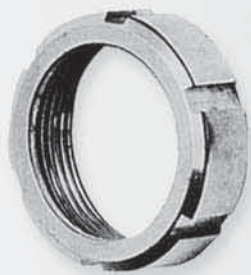


ART. 58/TC VALVOLA A FARFALLA TRI-CLAMP

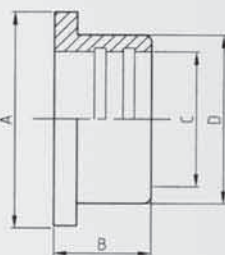
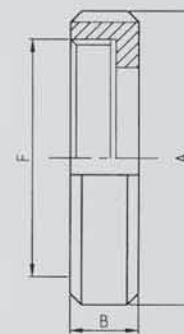


	DN	A	L
1"	25	79	35
1 1/2"	38	85	36
2"	51	105	40
2 1/2"	63	112	40
3"	76	125	40
4"	101	157	45





DN	A	B	F
25	51,0	20,0	40-6
38	74,0	25,0	60-6
51	84,0	26,0	70-6
63	100,0	30,0	85-6
76	114,0	32,0	98-6
101	150,0	32,0	132-6
104	140,0	30,0	125-4

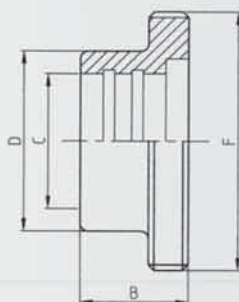
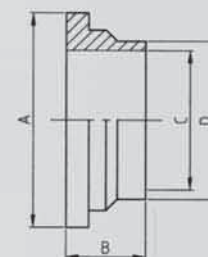


- MANDRINARE

DN	A	B	C	D
25	35,5	17	25,4	32,0
38	55,0	20	38,1	48,0
51	65,0	20	50,8	61,0
63	80,0	25	63,5	73,5
76	93,0	30	76,2	86,0
101	127,0	30	101,6	116,0
104	118,0	30	104,0	112,0

- SALDARE

DN	A	B	C	D
25	35,5	17,0	22,4	25,4
38	55,0	20,0	35,1	38,1
51	65,0	20,0	47,8	50,8
63	80,0	25,0	60,5	63,5
76	93,0	30,0	72,9	76,2
101	127,0	32,0	97,6	101,6
104	118,0	30,0	100,0	104,0

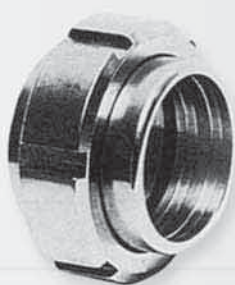
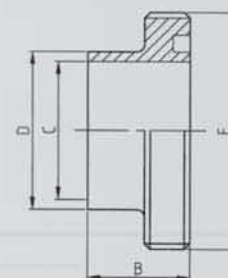


- MANDRINARE

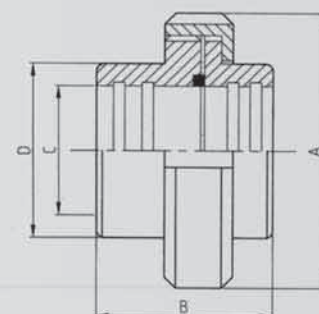
DN	B	C	D	F
25	20	25,4	32,0	40-6
38	23	38,1	48,0	60-6
51	25	50,8	61,0	70-6
63	30	63,5	73,5	85-6
76	35	76,2	86,0	98-6
101	30	101,6	116,0	132-6
104	30	104,0	112,0	125-4

- SALDARE

DN	B	C	D	F
25	20,0	22,4	25,4	40-6
38	23,0	35,1	38,1	60-6
51	25,0	47,8	50,8	70-6
63	30,0	60,5	63,5	85-6
76	35,0	72,9	76,2	98-6
101	30,0	97,6	101,6	132-6
104	30,0	100,0	104,0	125-4



DN	A	B	C	D
25	51	38	25,4	32,0
38	74	44	38,1	48,0
51	84	46	50,8	61,0
63	100	56	63,5	73,5
76	114	66	76,2	86,0
101	154	61	101,6	116,0
104	140	61	104,0	112,0



ART. 85  
ART. 85/A

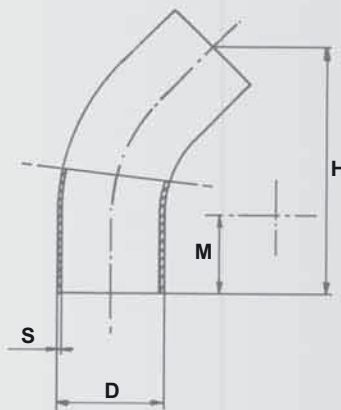
GUARNIZIONE EPDM  
GUARNIZIONE VITON



DN	A	B	C
25	32,0	5,5	25,4
38	48,0	5,5	38,1
51	61,0	5,5	50,8
63	73,5	5,5	63,5
76	86,0	5,5	76,0
101	113,5	5,5	101,5
104	116,0	5,5	104,0

ART. 86/L CURVA 45° A MANDRINARE

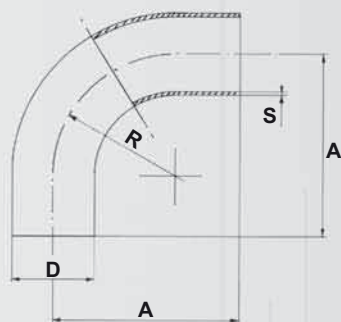
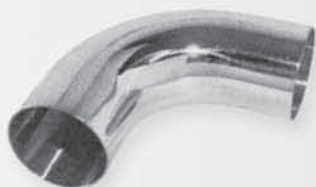
INOX  
304/316L



DN	D	S	M	H
1/2"	12,7	1,65	15	45
3/4"	19,05	1,65	20	60
1"	25,4	1,25	25	80
1"	25,4	1,50	25	80
1"	25,4	1,65	25	80
1 1/4"	31,8	1,25	22	77
1 1/4"	31,8	1,50	22	77
1 1/2"	38,1	1,25	30	105
1 1/2"	38,1	1,50	30	105
1 1/2"	38,1	1,65	30	105
2"	50,8	1,25	30	103
2"	50,8	1,50	30	103
2"	50,8	1,65	30	103
2 1/2"	63,5	1,50	35	115
2 1/2"	63,5	1,65	35	115
3"	76,2	1,65	35	135
3"	76,2	2,00	35	135
4"	101,6	2,00	35	150

ART. 87/L CURVA 90° A MANDRINARE

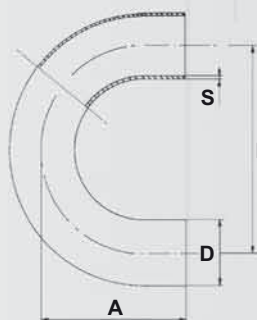
INOX  
304/316L



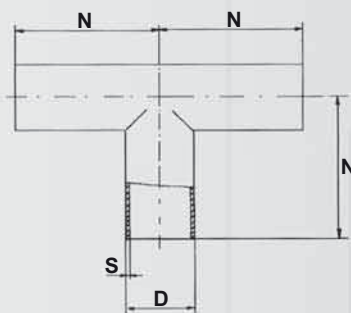
DN	D	S	R	A
1/2"	12,7	1,65	26	40
3/4"	19,05	1,65	29	50
1"	25,4	1,25	38	75
1"	25,4	1,50	38	75
1"	25,4	1,65	38	75
1 1/4"	31,8	1,25	48	80
1 1/4"	31,8	1,50	48	80
1 1/2"	38,1	1,25	56	90
1 1/2"	38,1	1,50	56	90
1 1/2"	38,1	1,65	56	90
2"	50,8	1,25	72	100
2"	50,8	1,50	72	100
2"	50,8	1,65	72	100
2 1/2"	63,5	1,50	84	115
2 1/2"	63,5	1,65	84	115
3"	76,2	1,65	85	130
3"	76,2	2,00	85	130
4"	101,6	2,00	110	150

ART. 89/L CURVA 180° A MANDRINARE

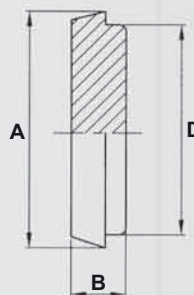
INOX  
304/316L



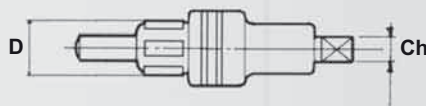
DN	D	S	I	A
1/2"	12,7	1,65	52	40
3/4"	19,05	1,65	58	50
1"	25,4	1,25	81	75
1"	25,4	1,50	81	75
1"	25,4	1,65	81	75
1 1/4"	31,8	1,25	96	80
1 1/4"	31,8	1,50	96	80
1 1/2"	38,1	1,25	106	90
1 1/2"	38,1	1,50	106	90
1 1/2"	38,1	1,65	106	90
2"	50,8	1,25	144	100
2"	50,8	1,50	144	100
2"	50,8	1,65	144	100
2 1/2"	63,5	1,50	172	115
2 1/2"	63,5	1,65	172	115
3"	76,2	1,65	174	130
3"	76,2	2,00	174	130
4"	101,6	2,00	220	150



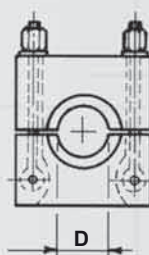
DN	D	S	N
1/2"	12,7	1,65	40
3/4"	19,05	1,65	45
1"	25,4	1,25	75
1"	25,4	1,50	75
1 1/2"	38,1	1,25	90
1 1/2"	38,1	1,50	90
2"	50,8	1,25	100
2"	50,8	1,50	100
2 1/2"	63,5	1,50	115
3"	76,2	1,65	130
3"	76,2	2,00	130
4"	101,6	2,00	150



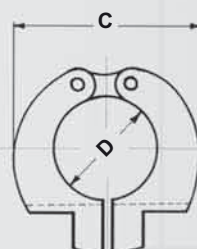
DN	A	B	D
25	35,5	7,5	32,0
38	55,0	8,0	48,0
51	65,0	9,0	61,0
63	80,0	9,0	73,5
76	93,0	11,0	86,0
101	127,0	13,0	116,0
104	118,0	13,0	112,0



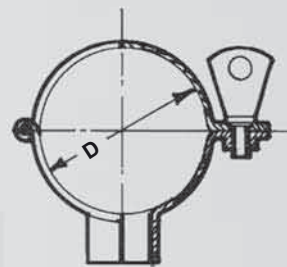
DN	D	CH
25,4	22-25	8
38,1	34-38	12
50,8	47-51	14
63,5	59-64	16
76,2	71-76	20
88,9	84-89	22
101,6	96-101	22



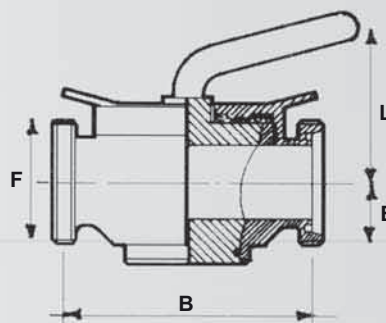
DN	D
25,4	25,4
38,1	38,1
50,8	50,8
63,5	63,5
76,2	76,2
88,9	88,9
101,6	101,6



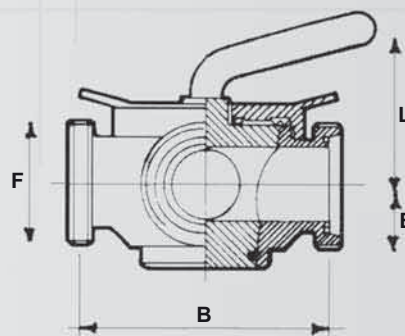
DN	D	C
25,4	25,4	77
38,1	38,1	77
50,8	50,8	77
63,5	63,5	87
76,2	76,2	107
88,9	88,9	120
101,6	101,6	147



DN	25	38	51	63	76	101	104
D	25,4	38,1	50,8	63,5	76,2	101,6	104,0



DN	B	E	F	L
25	125	38	40-6	90
38	160	45	60-6	117
51	170	55	70-6	122
63	200	68	85-6	142
76	230	71	98-6	154



DN	B	E	F	L
25	125	38	40-6	90
38	160	45	60-6	117
51	170	55	70-6	122
63	200	68	85-6	142
76	230	71	98-6	154

ART. 164

MORSETTO

INOX  
304/316L

Ø
40
50
60
70
80
100
120

ART. 186

SEMIRACCORDO A MORSETTO

INOX  
304/316L

Ø
40
50
60
70
80
100
120

ART. 165

TAPPO A MORSETTO

INOX  
304/316L

Ø
40
50
60
70
80
100
120

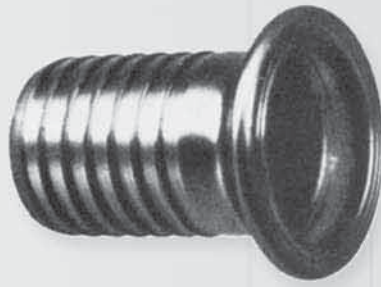
ART. 264

GUARNIZIONE IN PARA ALIMENTARE

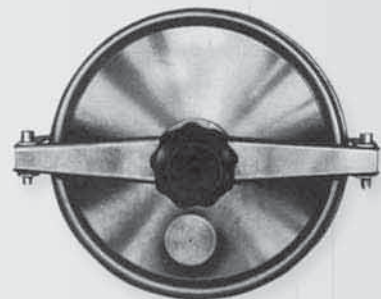
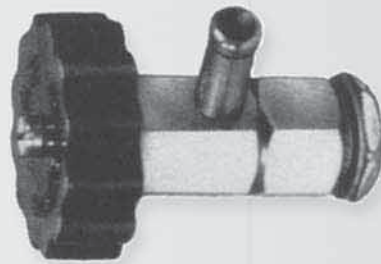
INOX  
304/316L

Ø
40
50
60
70
80
100
120

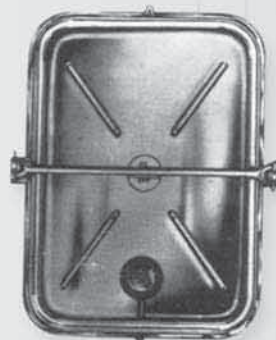




Ø
40
50
60
70
80
100
120

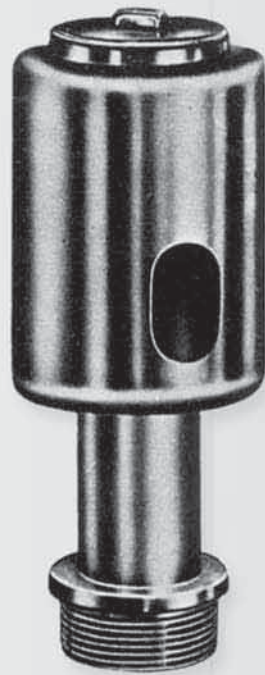


- LUCE UTILE DI PASSAGGIO:  
150 - 220 - 300 - 400 - 500
- ALTEZZA TELAIO: 45
- SU RICHIESTA: altri modelli con  
diverse pressioni d'esercizio



- LUCE UTILE DI PASSAGGIO:

175 x 225  
245 x 310  
280 x 400  
400 x 450  
450 x 450



ATTACCO

1"1/2 PORTATA 300

3" PORTATA 600

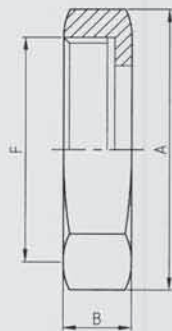


PORTATA

HL 100 ORA

HL 500 ORA

HL1000 ORA



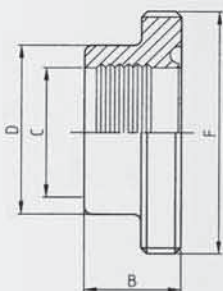
DN	A	B	F
25	51	22,2	46-8
38	65	22,2	58-8
51	80	22,2	73-6
63	92	22,2	85-6
76	104	22,2	98-6
101	130	22,2	123-6

ART. 2RJT FEMMINA A MANDRINARE

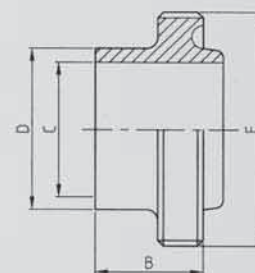
INOX 304/316L

ART. 2/RJT FEMMINA A SALDARE

INOX 304/316L



DN	B	C	D	F
25	20	25,4	32,5	46-8
38	24	38,1	45,2	58-8
51	28	50,8	58,0	73-6
63	32	63,5	70,6	85-6
76	32	76,2	83,3	98-6
101	32	101,6	109,0	123-6



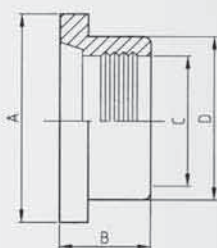
DN	B	C	D	F
25	31,7	22,1	25,4	46-8
38	31,7	34,8	38,1	58-8
51	31,7	47,5	50,8	73-6
63	31,7	60,2	63,5	85-6
76	31,7	72,9	76,2	98-6
101	31,7	97,6	101,6	123-6

ART. 3RJT MASCHIO A MANDRINARE

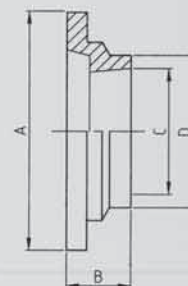
INOX 304/316L

ART. 3/RJT MASCHIO A SALDARE

INOX 304/316L



DN	A	B	C	D
25	41,2	20	25,4	32,5
38	53,9	24	38,1	45,2
51	66,7	28	50,8	58,0
63	79,4	32	63,5	70,6
76	92,0	32	76,2	83,3
101	117,0	32	101,6	109,0



DN	A	B	C	D
25	41,1	12	22,1	25,4
38	53,9	12	34,8	38,1
51	66,7	12	47,5	50,8
63	79,4	12	60,2	63,5
76	92,0	12	72,9	76,2
101	117,0	12	97,6	101,6

ART. 5/RJT GUARNIZIONE RACC. EPDM



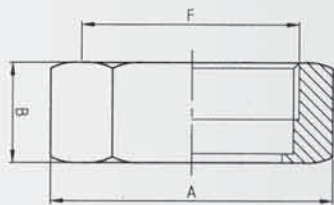
DN	A	B	C
25	39,9	6,6	26,7
38	52,6	6,6	39,4
51	65,3	6,6	52,1
63	78,0	6,6	64,8
76	90,6	6,6	77,4
101	116,1	6,6	102,9

ART. 1ISS  
GIRELLA ESAGONALE

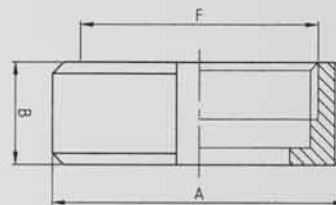
INOX  
304/316L

ART. 1ISST  
GIRELLA TONDA

INOX  
304/316L



DN	A	B	F
25	46	30	37-8
38	60	30	50-8
51	75	30	64-8
63	90	30	77-8
76	105	30	91-8
101	134	30	118-8



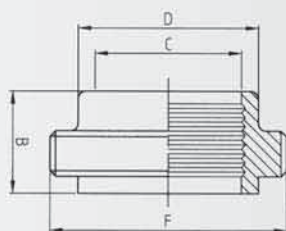
DN	A	B	F
25	48	30	37-8
38	64	30	50-8
51	77	30	64-8
63	91	30	77-8
76	106	30	91-8
101	135	30	118-8

ART. 2ISS  
FEMMINA A MANDRINARE

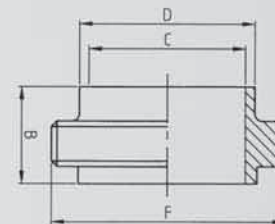
INOX  
304/316L

ART. 2/ISS  
FEMMINA A SALDARE

INOX  
304/316L



DN	B	C	D	F
25	17	25,4	29,0	37-8
38	20	38,1	42,5	50-8
51	20	50,8	56,0	64-8
63	25	63,5	69,7	77-8
76	30	76,2	82,3	91-8
101	30	101,6	108,4	118-8



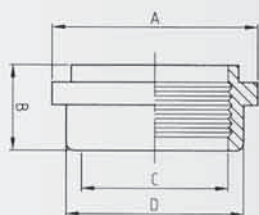
DN	B	C	D	F
25	21,5	21,1	25,4	37-8
38	21,5	34,8	38,1	50-8
51	21,5	47,5	50,8	64-8
63	21,5	60,2	63,5	77-8
76	21,5	72,9	76,2	91-8
101	21,5	97,6	101,6	118-8

ART. 3ISS  
MASCHIO A MANDRINARE

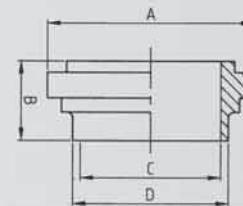
INOX  
304/316L

ART. 3/ISS  
MASCHIO A SALDARE

INOX  
304/316L



DN	A	B	C	D
25	33,8	20	25,4	29,0
38	47,0	20	38,1	42,5
51	60,5	25	50,8	56,0
63	74,0	30	63,5	69,7
76	87,5	30	76,2	82,3
101	114,1	30	101,6	108,4



DN	A	B	C	D
25	33,8	21,5	22,1	25,4
38	47,0	21,5	34,8	38,1
51	60,5	21,5	47,5	50,8
63	74,0	21,5	60,2	63,5
76	87,5	21,5	72,9	76,2
101	114,1	21,5	97,6	101,6

ART. 5/ISST GUARNIZIONE EPDM



DN	A	B	C
25	32,5	7	23,0
38	46,0	7	36,0
51	59,5	7	49,0
63	73,0	7	60,7
76	86,5	7	73,2
101	112,5	7	98,0

ART. 4000 CROCE

INOX 316L



diam. 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"

ART. 4001  
BOCC. F - F

INOX 316L

TENUTA CONICA

ART. 4001A

INOX 316L

BOCC. M - F TENUTA CONICA



diam. 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"



ART. 4002 NIPPLE ESAGONALE

INOX 316L



diam. 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"

ART. 4002A

INOX 316L

NIPPLE ESAGONALE RIDOTTO

ART. 4005

INOX 316L

RIDUZIONE M - F ESAGONALE



diam.
1/4"-1/8"
3/8"-1/8"
3/8"-1/4"
1/2"-1/4"
1/2"-3/8"
3/4"-3/8"
3/4"-1/2"
1"-1/2"
1"-3/4"

diam.
1"1/4-1/2"
1"1/4-3/4"
1"1/4 - 1"
1"1/2-3/4"
1"1/2-1"
1"1/2-1"1/4"
2"-1"
2"-1"1/4"
2"-1"1/2"



diam.
1/4"-1/8"
3/8"-1/4"
1/2"-1/4"
1/2"-3/8"
3/4"-3/8"
3/4"-1/2"
1"-1/2"
1"-3/4"

diam.
1"1/4-1/2"
1"1/4-3/4"
1"1/4-1"
1"1/2-1"
1"1/2-1"1/4"
2"-1"
2"-1"1/4"
2"-1"1/2"

ART. 4003

INOX 316L

TAPPO MASCHIO ESAGONALE

ART. 4004

INOX 316L

TAPPO FEMMINA ESAGONALE



diam. 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"



ART. 4008

INOX 316L

GOMITO F - F 90°

ART. 4010

INOX 316L

GOMITO F - F 45°



diam. 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"



ART. 4011

INOX 316L

GOMITO M - F

ART. 4012

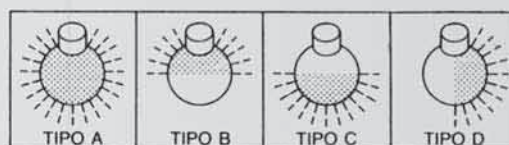
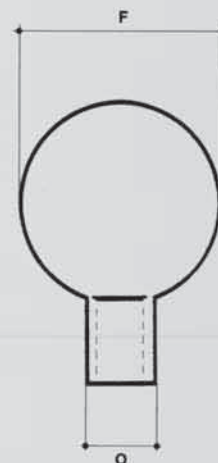
INOX 316L

RACCORDO A "T"

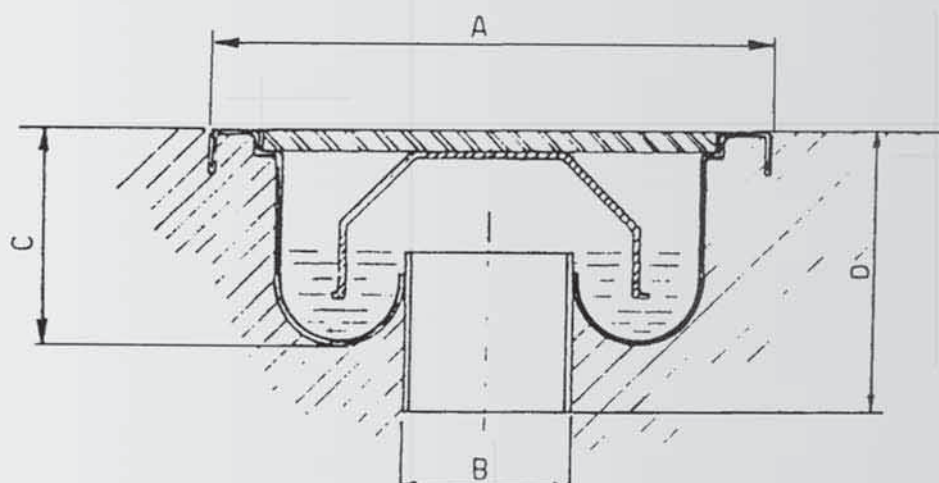
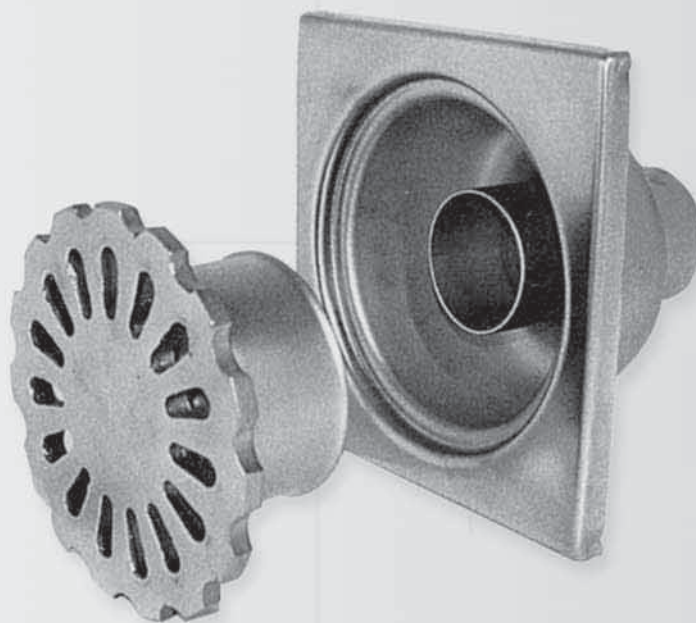


diam. 1/8" 1/4" 3/8" 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3"





MODELLO	TIPO	Ø SFERA F	Ø ATTACCO O	Ø FORI	PRESSIONE	PORTATA (m <sup>3</sup> /h)	RAGGIO AZIONE
CD1	A	65 mm	28 x 26	2,5 mm	1 bar	15,7	1,8 m
	B					10,2	3,0 m
	C					10,5	3,2 m
	D					10,1	2,9 m
CD2	A	65 mm	40,5 X 38,5	2,5 mm	1 bar	18,8	2,6 m
	B					8,4	2,0 m
	C					11,2	3,7 m
	D					10,2	3,0 m
CD3	A	65 mm	3/4" GF	2,5 mm	1 bar	13,2	1,3 m
	B					8,7	2,2 m
	C					9,2	2,5 m
	D					9,2	2,5 m
CD4	A	50 mm	40,5 X 38,5	1,6 mm	1 bar	6,6	1,9 m
	B					4,0	2,8 m
	C					3,7	2,3 m
	D					3,9	2,6 m
CD6	A	65 mm	32 X 30	2,5 mm	1 bar	17,9	2,3 m
	B					9,3	2,5 m
	C					10,5	3,2 m
	D					10,1	3,0 m
CD7	A	65 mm	38 X 36	2,5 mm	1 bar	18,3	3,0 m
	B					8,1	2,4 m
	C					11,6	4,9 m
	D					10,4	3,9 m
CD8	A	50 mm	22 X 20	1,6 mm	1 bar	5,5	2,5 m
	B					3,4	3,8 m
	C					3,2	3,4 m
	D					3,5	4,1 m
CD9	A	50 mm	1/2" GF	1,6 mm	1 bar	5,4	2,4 m
	B					3,0	3,0 m
	C					3,1	3,2 m
	D					3,3	3,6 m
CD10	A	50 mm	28 X 26	1,6 mm	1 bar	7,2	4,3 m
	B					4,7	7,2 m
	C					4,7	7,2 m
	D					4,5	6,7 m
CD11	A	90 mm	1"1/4 GF	2,5 mm	1 bar	29,8	3,1 m
	B					12,7	2,2 m
	C					15,9	3,4 m
	D					15,9	3,1 m
CD12	A	90 mm	38 X 36	2,5 mm	1 bar	24,2	2,0 m
	B					13,4	2,4 m
	C					15,9	3,4 m
	D					14,2	2,8 m
CD14	A	120 mm	60,3 X 52,8	2 mm	1 bar	19	2,0 m
	B					10,2	2,3 m
	C					8,9	1,7 m
	D					10,0	2,2 m
CD15	A	40 mm	22 X 20	1,6 mm	1 bar	3,7	3,8 m
	B					2,3	5,5 m
	C					2,3	5,9 m
	D					2,4	6,1 m
CD16	A	40 mm	22 X 20	1,3 mm	1 bar	5,1	4,7 m
	B					3,0	6,4 m
	C					3,1	7,0 m
	D					3,1	7,1 m
CD17	A	28 mm	1/4" GF	1,3 mm	1 bar	1,8	1,0 m
	B					1,2	1,6 m
	C					1,4	2,2 m
	D					1,4	2,3 m



ARTICOLO	A	B	C	D	portata scarico litri/min.	portata rosetta
CC 1040	100	40	30	50	14	kg.130
CC 2063	200	63	85	125	44,5	q.li 7
CC 3080	300	80	85	150	77	q.li 7
CC 30100	300	100	85	150	122	q.li 7
CC 30100P	300	100	85	150	122	q.li 7

## Peso teorico in Kg. al metro lineare per tubi a sezione circolare

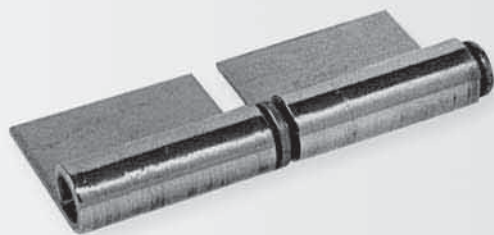
(i pesi si riferiscono a materiali inox serie 300)

Tubi alimentari serie DIN serie Gas	Ø e Imm	s / mm 0,8	SPESSORI IN mm.					
			1	1,2	1,5	2	2,5	3
	10		0,237	0,290				
	12	0,233	0,290	0,348				
	13	0,251	0,311	0,383				
	14	0,275	0,335	0,407	0,486			
	16	0,311	0,391	0,473	0,562			
	17,2		0,422	0,499	0,613			
	18		0,438	0,573	0,639			
	20		0,494	0,585	0,718	0,935		
	21,3		0,532	0,632	0,744	1,010		
	22		0,541	0,664	0,793	1,026		
DN 1"		25,4		0,621	0,739	0,911	1,188	
	29,9		0,678	0,806	0,997	1,305		
DN 25	28		0,695	0,858	1,025	1,334		
	30		0,760	0,905	1,112	1,461		
	32		0,798	0,953	1,184	1,565		
DN 32	33,7		0,854	1,018	1,261	1,649	2,029	2,369
	34		0,860	1,020	1,265			
	35		0,875	1,056	1,313	1,700	2,112	2,472
DN 1 1/2"	38		0,867	1,156	1,431	1,880	2,312	2,704
DN 40	40		1,019	1,216	1,504	1,977	2,433	2,879
	42,4		1,073	1,293	1,597	2,101	2,596	3,067
	45		1,142	1,371	1,700	2,240	2,763	3,260
	48,3		1,231	1,470	1,823	2,400	2,956	3,507
	50		1,272	1,521	1,891	2,487	3,086	3,667
DN 2"	50,8		1,283	1,530	1,900			
DN 50	52		1,303	1,576	1,960	2,575	3,203	3,813
	53		1,339	1,662	2,008	2,626	3,270	3,862
	57		1,442	1,725	2,163	2,832	3,528	4,172
	60,3		1,527	1,828	2,274	3,005	3,724	4,430
DN 2 1/2"	63,5		1,580	1,890	2,350			
DN 65	70			2,138	2,662	3,523	4,327	5,196
	73			2,194	2,781	3,667	4,542	5,408
DN 3"	76,1			2,321	2,887	3,826	4,754	5,660
	80		2,034	2,446	3,038	4,017	4,995	5,948
	83			2,539	3,164	4,190	5,206	6,208
	84			2,570	3,193	4,223	5,253	6,257
DN 80	85		3,270	4,326	5,382	6,412		
	88,9			2,730	3,397	5,501	5,600	6,680
	100		2,549	3,064	3,811	5,996	6,283	7,426
DN 4"	101,6				3,862	5,124	6,376	7,570
	104				3,960	5,253	6,535	7,802
	108				4,115	5,460	6,793	8,111
	114,3				5,367	6,794	7,210	8,616
	129					6,410	7,985	9,510
	139,7					6,950	8,650	9,850
	141,3					7,035	8,735	10,435
	154					7,660	9,535	11,385
	168,3					8,385	10,345	12,460

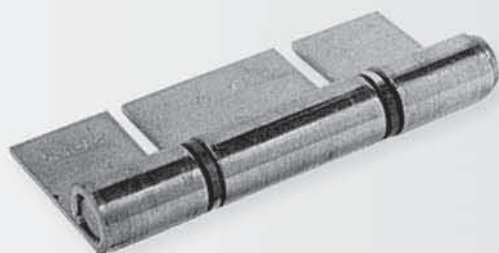
Tubi elettrolitici  
senza materiale d'apporto  
in atmosfera di gas inerte

Tubi trafilati per industrie alimentari nelle  
versioni:  
(lucidi esternamente)  
(lucidi internamente ed esternamente)





ARTICOLO	lunghezza	Ø perno	spessore
A2/60	60	8	2
A2/80	80	8	2
A2/100	100	10	3



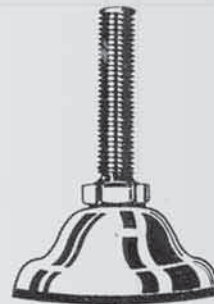
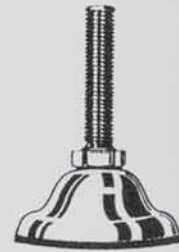
ARTICOLO	lunghezza	Ø perno	spessore
A3/80	80	8	2
A3/100	100	10	3
A3/140	140	10	4
A3/170	170	12	3



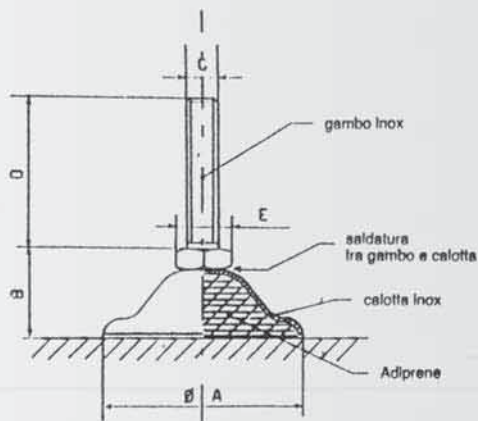
ARTICOLO	lunghezza	Ø perno	spessore
Z2/60	60	8	2
Z2/80	80	8	2
Z2/100	100	10	2



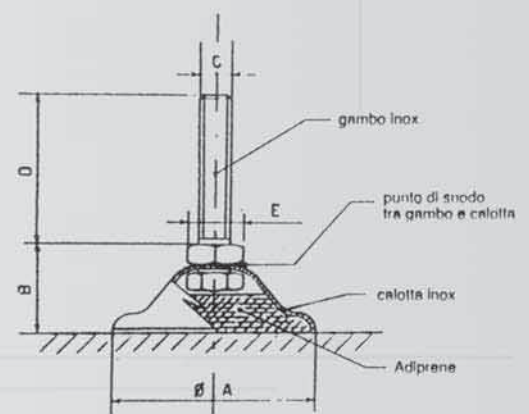
ARTICOLO	lunghezza	Ø perno	spessore
Z3/60	60	8	2
Z3/80	80	8	2
Z3/100	100	10	2

PS 110  
P. 110PS 65  
P. 65PS 40  
P. 40

SEZIONE DEL PIEDE SNODATO MOD. PS



SEZIONE DEL PIEDE FISSO MOD. P

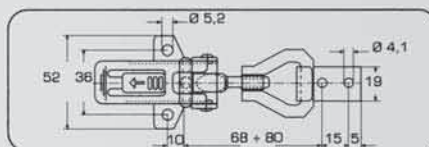


PIEDE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	carico alla distruzione	
						MOD. PS	MOD. P
PS-P 40	40	27	8 MA	30	13	25 kn	50 kn
PS-P 65	65	40	12 MA	50	19	32 kn	64,5 kn
PS-P 110	110	60	20 MA	70	30	75 kn	150 kn

ART. 161

CHIUSURA A LEVA REGOLABILE CON GANCIO

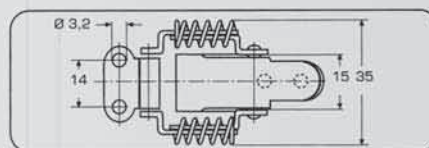
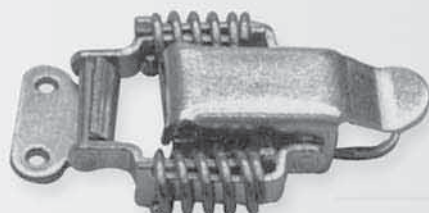
INOX  
304



ART. 162

CHIUSURA A LEVA CON TRAZIONE PRECARICATA

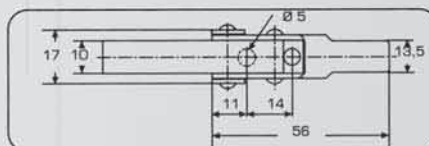
INOX  
304



ART. 166

CHIUSURA A LEVA AD UNCINO CON GANCIO

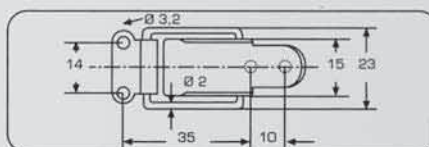
INOX  
304



ART. 167

CHIUSURA A LEVA PICCOLA CON GANCIO (100 Kg)

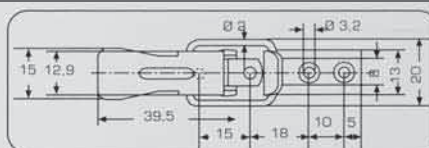
INOX  
304



ART. 168

CHIUSURA A LEVA PICCOLA CON GANCIO (150 Kg)

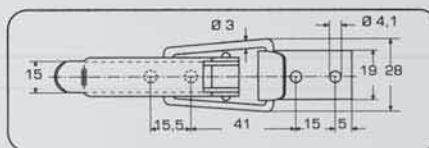
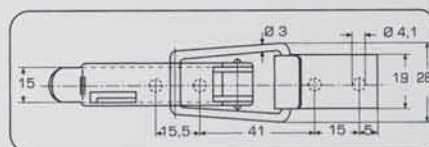
INOX  
304



ART. 169

CHIUSURA A LEVA MEZZA LUNA CON GANCIO

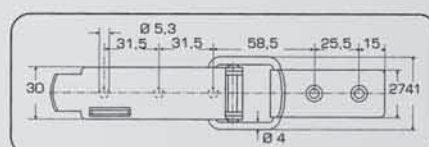
INOX  
304



ART. 171

CHIUSURA A LEVA STANDARD CON GANCIO E PORTALUC.

INOX  
304



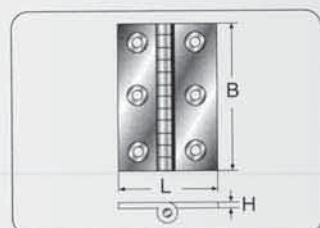
ART. 157

CERNIERA

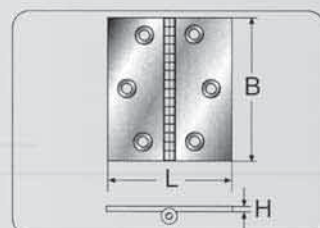
ART. 158

CERNIERA

INOX  
304



L	40
B	60
H	1,5



L	60
B	80
H	1,5

ART. 400  
RACCORDO INTERMEDIO DIRITTO

INOX  
316L



Ø T
6
8
10
12
14
15
16
18
20

ART. 401  
RACCORDO A "T" MASCHIO CENTRALE

INOX  
316L



ØT- F
6 X 1/8
6 X 1/4
8 X 1/4
10 X 3/8
10 X 1/2
12 X 3/8
14 X 1/2
15 X 1/2
16 X 1/2
18 X 1/2

ART. 402  
RACCORDO MASCHIO A GOMITO

INOX  
316L



ØT- F	ØT- F
6 X 1/8	12 X 1/4
6 X 1/4	12 X 3/8
8 X 1/8	12 X 1/2
8 X 1/4	14 X 3/8
8 X 3/8	14 X 1/2
10 X 1/4	15 X 1/2
10 X 3/8	16 X 1/2
10 X 1/2	18 X 1/2
	20 X 1/2

ART. 403  
RACCORDO INTERMEDIO A "T"

INOX  
316L



Ø T
6
8
10
12
14
15
16
18
20

ART. 404  
RACCORDO MASCHIO DIRITTO

INOX  
316L



ØT- F	ØT- F
6 X 1/8	10 X 1/4
6 X 1/4	10 X 3/8
6 X 3/8	10 X 1/2
6 X 1/2	12 X 1/4
8 X 1/4	12 X 3/8
8 X 3/8	12 X 1/2
8 X 1/2	12 X 3/4
	14 X 1/2

ART. 405  
RACCORDO A CROCE

INOX  
316L



Ø T
6
8
10
12
14
15
16
18
20

ART. 406 RACCORDO INTERMEDIO A GOMITO

INOX  
316L



Ø T	6	8	10	12	14	15	16	18	20

ART. 407 OGIVA

INOX  
316L



Ø T	6	8	10	12	14	15	16	18	20

ART. 408 DADO A SERRAGGIO

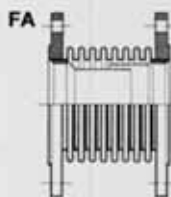
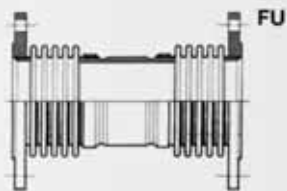
INOX  
316L



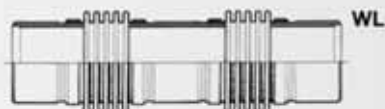
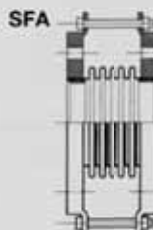
Ø T	6	8	10	12	14	15	16	18	20

**GENERALITA':** I compensatori di dilatazione a soffietto metallico ondulato rappresentano il modo più sicuro ed economico per risolvere qualsiasi problema di dilatazione termica delle tubazioni. Sono idonei per temperature da -200°C a + 700°C ed in funzione del DN per pressioni fino a 100 bar. Il soffietto metallico, elemento base dei compensatori, viene costruito impiegando nastri in acciaio inox AISI 304 - 321 - 316L mediante formatura idraulica e/o meccanica.

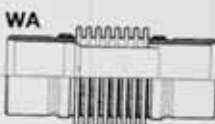
**UNIVERSALI**



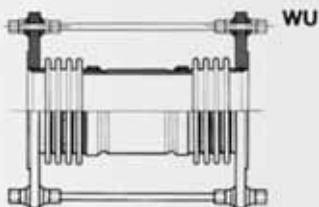
**GIUNTI DI SMONTAGGIO**



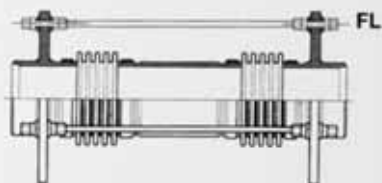
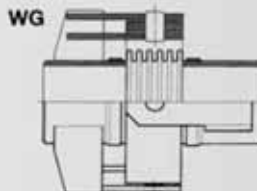
**ASSIALI**



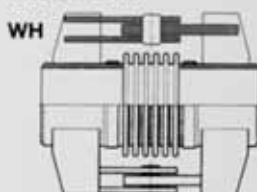
**LATERALI**



**ANGOLARI SFERICI**

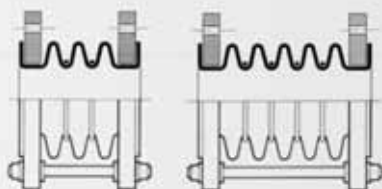


**ANGOLARI**



**NOTE:** Ognuno dei tipi standard può essere fornito con estremità da saldare di testa, con estremità flangiate e con una serie di accessori complementari, con uno scopo ben preciso come: tubo convogliazione, protezione esterna, tiranteria, ecc. Nell'impiego dei compensatori di dilatazione occorre prestare attenzione ad alcune avvertenze molto importanti come il dimensionamento dei punti fissi ed il posizionamento delle guide e degli appoggi.

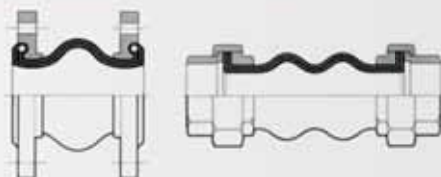
**IN PTFE**



**DIAMETRI:** DN 15 - 600

I compensatori in PTFE hanno elevata resistenza alla corrosione fino alla temperatura di 260°C, e vengono normalmente usati nelle industrie chimiche.

**IN GOMMA**



**DIAMETRI:** DN 25 - 2000

I compensatori in gomma sintetica modellata garantiscono una sicura connessione elastica ed antivibrante tra la tubazione e l'apparecchiatura contigua (pompe ecc.).

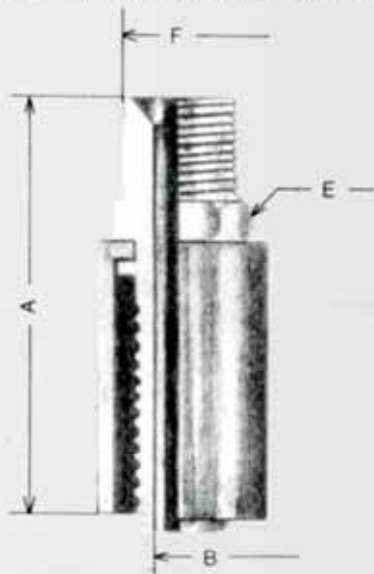
**IN TESSUTO**



I compensatori in tessuto vengono generalmente installati in condotte aria o fumi ed utilizzati per assorbire vibrazioni e dilatazioni termiche. Sono costruiti in fibre tessili con uno o più strati e la loro speciale composizione li rende altamente flessibili anche con lunghezze di installazione molto ridotte. Sono adatti per temperature fino a 1000°C.

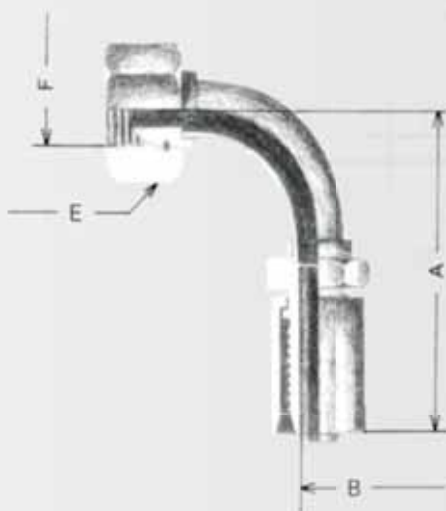
La forma può essere circolare, rettangolare, ecc., senza limitazioni di misura.

CODOLO MASCHIO CONICO FIL. GAS (BSP) - Tipo MGC



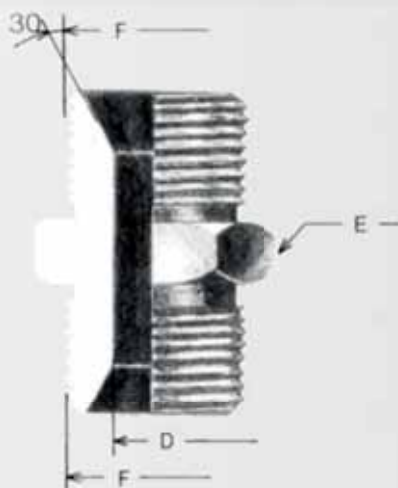
Diametro tubo interno mm	A	B	Filettatura Gas (BSP)			
			E	F Normale	E	F Opzionale
13	63	10	24	1/2"		
19	67	16	30	3/4"		
25	70-72	21,5	36	1"	46	1 1/4"
32	85-87	27,5	46	1 1/4"	50	1 1/2"
38	87-90	33	50	1 1/2"	60	2"
51	90	44,5	60	2"		
76	120	68	90	3"		
100						
5	44			1/8"		
6,5	47			1/4"		
10,5	50			3/8"		

FEMMINA GIREVOLE A 90° FIL. GAS (BSP) - Tipo FCG



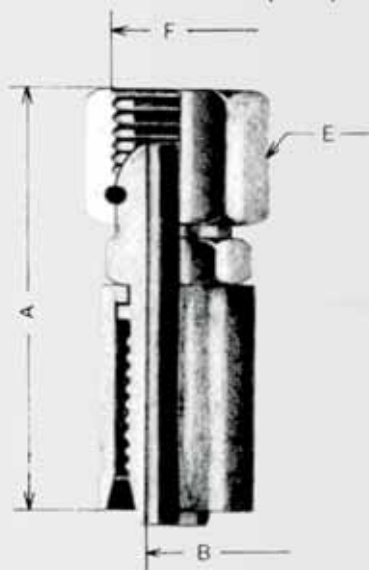
Diametro tubo interno mm	A	B	Filettatura Gas (BSP)			
			E	F Normale	E	F Opzionale
5	43	3,5	14	1/8"	18	1/4"
6,5	44	4,5	18	1/4"		
8	46	6	22	3/8"		
10,5	49	8	22	3/8"	27	1/2"
13	54	10,5	27	1/2"		
16	63	13	27	5/8"	32	3/4"
19	68	16	32	3/4"		
22	80	19	38	1"		
25	80	20,5	38	1"	50	1 1/4"
29	88	24,5	50	1 1/4"	55	1 1/2"

NIPPLES DI GIUNZIONE FIL. GAS (BSP) - Tipo NG



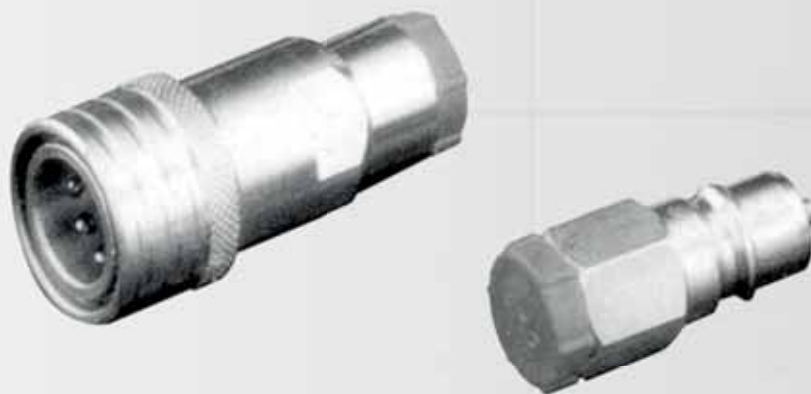
NIPPLES cod.	D	E	Filettatura Gas (BSP)	
			F	F
104-018	4	14	1/8"	1/8"
104-014	5	17	1/4"	1/4"
104-038	8	22	3/8"	3/8"
104-012	10,5	27	1/2"	1/2"
104-058	13,5	30	5/8"	5/8"
104-034	16	32	3/4"	3/4"
104-100	20,5	41	1"	1"
104-114	26	50	1 1/4"	1 1/4"
104-112	32	55	1 1/2"	1 1/2"
104-200	44	70	2"	2"

### FEMMINA GIREVOLE FIL. GAS (BSP) - Tipo FGC



Diametro tubo interno mm	A	B	Filettatura Gas (BSP)			
			E	F Normale	E	F Opzionale
13	64	10	27	1/2"		
19	70	16	32	3/4"		
25	74-81	21,5	38	1"	50	1 1/4"
32	94-97	27,5	50	1 1/4"	55	1 1/2"
38	97-101	33	55	1 1/2"	65	2"
51	101	44,5	65	2"		
76	140	68	100	3"		
100						
5	44	3,5	14	1/8"		
6,5	47	4,5	18	1/4"		
10,5	50	8	22	3/8"		

### INNESTI RAPIDI INOX 316

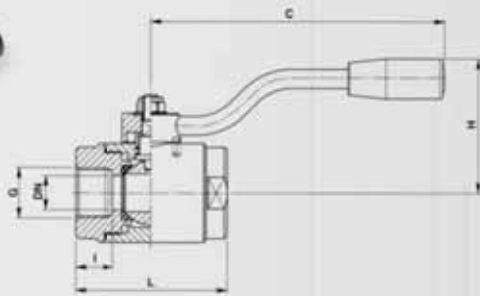


Filettatura Gas (BSP)	
F	F
1/8"	1/8"
1/4"	1/4"
3/8"	3/8"
1/2"	1/2"
5/8"	5/8"
3/4"	3/4"
1"	1"
1 1/4"	1 1/4"
1 1/2"	1 1/2"
2"	2"

### NIPPLES RIDOTTO CONICO CILINDRICO INOX 316

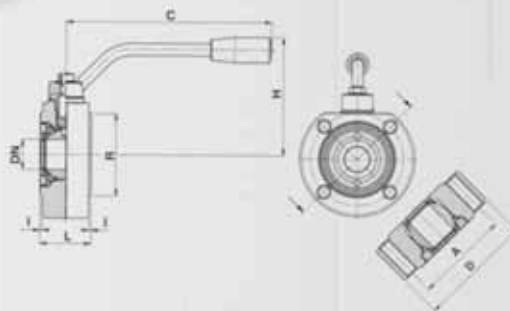


Cilindrico	Conico
1/2"	1/4"
1/4"	1/2"
1/2"	3/8"
3/8"	1/2"
1/4"	1/8"
1/8"	1/4"
3/8"	1/4"
1/4"	3/8"
3/8"	1/8"
1/8"	3/8"



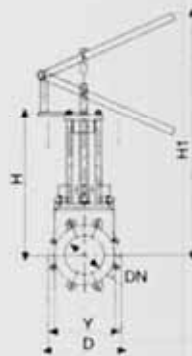
G	DN	L	I	C	H	PN
1/4	10	60	17	110	40	200
3/8	10	60	17	110	40	200
1/2	15	70	19	110	45	200
3/4	20	80	20	150	55	100
1"	25	90	22	150	60	64
1 1/4"	32	100	22	185	70	64

VALVOLA A SFERA DUE VIE CORPO PIATTO



DN	L	C	H	D	I	R	A	PN
15	35	130	85	90	1,5	45	65	40
20	38	170	100	100	1,5	58	75	40
25	42	170	105	105	2	68	85	40
32	50	240	120	130	2	78	100	40
40	60	240	125	140	3	88	110	40
50	72	240	135	150	3	102	125	40
65	95	260	145	180	3	122	145	16
80	118	350	150	200	3	138	160	16
100	140	508	165	220	3	158	180	16

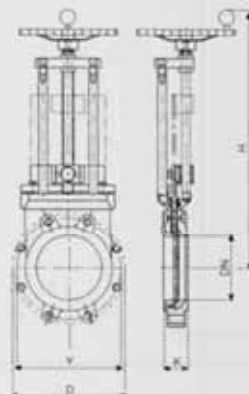
VALVOLA MONOBLOCCO CON OR, A LEVA



DN	Y	K	D	H	H1
50	125	45	155	260	765
65	145	45	180	300	805
80	160	45	195	325	830
100	180	50	215	340	840
125	210	50	250	375	990
150	240	55	275	430	1030
200	295	60	335	550	1330
250	350	60	390	645	1585

- Foratura flange standard UNI 2277 PN 10

VALVOLA MONOBLOCCO CON OR, A VOLANTINO



DN	Y	K	D	H
50	125	45	155	370
65	145	45	180	405
80	160	45	195	435
100	180	50	215	445
125	210	50	250	480
150	240	55	275	535
200	295	60	335	660
250	350	60	390	765
300	400	60	445	880
350	460	70	505	970
400	515	90	560	1085
450	565	110	610	1180
500	620	110	670	1300
600	725	110	780	1500
700	840	110	895	1700
800	950	110	1010	1900

- Foratura flange standard UNI 2277 PN 10



## INDICE ANALITICO DEGLI ARTICOLI

<b>A</b>			
ASSAGGIATIVO (ENOLOGICO).....	ART. 111/A	Pag. 62	
ATTUATORE PNEUMATICO DE-SE.....	ART. 200	Pag. 47	
<b>B</b>			
BOCC. FEMMINA SOTTILE A SALDARE (DIN).....	ART. 2/L	Pag. 2	
BOCC. MASCHIO SOTTILE A SALDARE (DIN).....	ART. 3/L	Pag. 2	
BOCC. COMPLETO A MANDRINARE (DIN).....	ART. 4	Pag. 1	
BOCC. COMPLETO SMS.....	ART. 81	Pag. 57	
BOCC. FEMMINA CON MANICOTTO (DIN).....	ART. 12/A	Pag. 4	
BOCC. FEMMINA CON TRONCHETTO (DIN).....	ART. 12	Pag. 4	
BOCC. FILETTATO FEMMINA A MANDRINARE (DIN).....	ART. 2	Pag. 1	
BOCC. FILETTATO FEMMINA A SALDARE (DIN).....	ART. 2/A	Pag. 2	
BOCC. MASCHIO CON TRONCHETTO (DIN).....	ART. 11	Pag. 4	
BOCC. MASCHIO CONICO A MANDRINARE (DIN).....	ART. 3	Pag. 1	
BOCC. MASCHIO CONICO A SALDARE (DIN).....	ART. 3/A	Pag. 2	
BOCCHETTONE FEMMINA - FEMMINA (GAS).....	ART. 24	Pag. 10	
BOCCHETTONE MASCHIO - FEMMINA (GAS).....	ART. 25	Pag. 10	
BORDI D'APPOGGIO.....	ART. 77	Pag. 31	
<b>C</b>			
CAM PER PROXIMITY.....	ART. 203	Pag. 48	
CAM STANDARD.....	ART. 204	Pag. 48	
CARTELLE.....	ART. 77	Pag. 31	
CERNIERE.....		Pag. 70	
CHIAVE PER RACCORDI (DIN).....	ART. 76	Pag. 6	
CHIUSINI IGIENICI.....	ART. 103	Pag. 68	
CHIUSINI PER SERBATOI IN ACCIAIO (ENOLOGICO).....	ART. 499	Pag. 62	
CHIUSINI PER VASCHE IN ACCIAIO (ENOLOGICO).....	ART. 498	Pag. 62	
CHIUSURA CLAMP.....	ART. 300	Pag. 53	
CHIUSURE.....		Pag. 72	
COLLARE LEGGERO.....	ART. 54/A	Pag. 30	
COMPENSATORI DI DILATAZIONE.....		Pag. 74	
CONTRODADO (GAS).....	ART. 105	Pag. 11	
CURVA A 180° A MANDRINARE.....	ART. 100L	Pag. 15	
CURVA A 180° A MANDRINARE (SMS).....	ART. 89/L	Pag. 58	
CURVA A 180° A MANDRINARE ISO.....	ART. 107L	Pag. 16	
CURVA A 45° A MANDRINARE.....	ART. 101L	Pag. 15	
CURVA A 45° A MANDRINARE (SMS).....	ART. 86/L	Pag. 58	
CURVA A 90° A MANDRINARE.....	ART. 7L	Pag. 15	
CURVA A 90° A MANDRINARE (SMS).....	ART. 87/L	Pag. 58	
CURVA A 90° A MANDRINARE ISO.....	ART. 106L	Pag. 16	
CURVA A 90° A MANDRINARE R=3D.....	ART. 117L	Pag. 16	
CURVA A 90° A MANDRINARE RM-1D.....	ART. 7/AL	Pag. 15	
CURVA A 90° SENZA SALDATURA.....	ART. 6/I	Pag. 14	
CURVA A SALDARE 45°.....	ART. 6/F	Pag. 13	
CURVA A SALDARE 90°.....	ART. 6	Pag. 12	
CURVA CON PEZZO A TEE.....	ART. 119	Pag. 17	
CURVA DOPPIA.....	ART. 115	Pag. 17	
<b>D</b>			
DIFFUSORI SFERICI DI LAVAGGIO.....	ART. 102	Pag. 67	
<b>E</b>			
ELETTROVALVOLA.....	ART. 205	Pag. 48	
<b>F</b>			
FEMMINA (ISS-IDF).....		Pag. 65	
FEMMINA (RJT-BS).....		Pag. 64	
FEMMINA GIREVOLE FILETTATA GAS (BSP) TIPO FCG.....		Pag. 76	
FEMMINA SMS.....		Pag. 57	
FILTRO 45°.....	ART. 116	Pag. 27	
FILTRO A 45° PN 55 FILETTATO GAS.....	ART. 140	Pag. 27	
FILTRO DI LINEA A PASSAGGIO DIRETTO.....	ART. 46	Pag. 27	
FILTRO DI LINEA CON USCITA A 90°.....	ART. 45	Pag. 27	
FLANGE CIECHE IN ALLUMINIO FF-A PN 10 UNI 6092.....	ART. 350/A	Pag. 26	
FLANGE IN ALLUMINIO FF-A PN 10 UNI 6089.....	ART. 350	Pag. 25	
FLANGE IN ALLUMINIO FF-ISO PN 10 UNI 6089 (ISO R64).....	ART. 351	Pag. 25	
FLANGE PN 10 UNI 2277.....	ART. 79/A	Pag. 22	
FLANGE PN 16 UNI 2276.....	ART. 79/A	Pag. 23	
FLANGE PN 25 - 40 UNI 6083 - 84.....	ART. 79/G	Pag. 23	
FLANGE PN 6 UNI 2276.....	ART. 79	Pag. 22	
FLANGIE CIECHE PN 10 UNI 6092.....	ART. 79/F	Pag. 24	
FLANGIE CIECHE PN 16 UNI 6093.....	ART. 79/F	Pag. 24	
FLANGIE CIECHE PN 6 UNI 6091.....	ART. 79/E	Pag. 24	
FONDELLI BOMBATI.....	ART. 98	Pag. 31	
<b>G</b>			
GALLEGGIANTE PIATTO.....	ART. 64/A	Pag. 35	
GALLEGGIANTE SFERICO.....	ART. 64	Pag. 35	
GIRELLA (ISS-IDF).....		Pag. 65	
GIRELLA (DIN).....	ART. 1	Pag. 1	
GIRELLA CIECA (DIN).....	ART. 41	Pag. 4	
GIRELLA CIECA CON CATENELLA (DIN).....	ART. 41/A	Pag. 5	
GIRELLA ESAGONALE (RJT-BS).....	ART. 1/RJT	Pag. 64	
GIRELLA SMS.....	ART. 84	Pag. 57	
GIRELLO CON CON PORTAGOMMA PER ART. 4904 (GAS).....	ART. 5810	Pag. 41	
GOMITO A 90° (GAS).....	ART. 26	Pag. 11	
GUARNIZIONI SMS.....		Pag. 58	
GUARNIZIONE IN PARA ALIMENTARE (ENOLOGICO).....	ART. 264	Pag. 61	
GUARNIZIONE PER RACCORDI ISS-IDF.....	ART. 5/ISST	Pag. 65	
GUARNIZIONE PER RACCORDI RJT-BS.....	ART. 5/RJT	Pag. 64	
GUARNIZIONE PER SPECOLA PIANA.....	ART. 60/C	Pag. 29	
<b>G</b>			
GUARNIZIONE PREMIVETRO PER SPEC. PIANA.....	ART. 60/D	Pag. 29	
GUARNIZIONE SILICONE PER INDICATORE DI PASS.....	ART. 52/B	Pag. 28	
GUARNIZIONE VALVOLA SAUNDERS.....	ART. 63	Pag. 43	
GUARNIZIONI A LABBRO PER BOCC. (DIN).....	ART. 5	Pag. 6	
GUARNIZIONI PER BOCCHETTONE (DIN).....	ART. 5	Pag. 6	
GUARNIZIONI PER CLAMP.....		Pag. 54	
GUARNIZIONI PTFE PER FLANGE PN 10 - 16.....	ART. 79/B	Pag. 23	
GUARNIZIONI PTFE PER FLANGE PN 6.....	ART. 79/D	Pag. 23	
GUARNIZIONI VALVOLE A FARFALLA.....	ART. 62	Pag. 45	
GUARNIZIONI, CARATTERISTICHE FISICHE.....		Pag. 7	
<b>I</b>			
INDICATORE DI PASSAGGIO F-F.....	ART. 52	Pag. 28	
INDICATORE DI PASSAGGIO M-F.....	ART. 52/A	Pag. 28	
INNESTI RAPIDI INOX 316.....		Pag. 88	
<b>M</b>			
MANDRINO.....	ART. 74	Pag. 32	
MANDRINO ALLARGATUBO (SMS).....	ART. 306	Pag. 59	
MANICOTTO (GAS).....	ART. 18	Pag. 8	
MANIGLIE.....	ART. 15	Pag. 45	
MASCHIO (ISS-IDF).....		Pag. 65	
MASCHIO (RJT-BS).....		Pag. 64	
MASCHIO SMS.....		Pag. 57	
MEZZO RACCORDO PORTAGOMMA (ENOLOGICO).....	ART. 163	Pag. 62	
MICROINTERRUPTORE.....	ART. 202	Pag. 48	
MINISFER ACCIAIO INOX F-F (GAS).....	ART. 111	Pag. 42	
MINISFER ACCIAIO INOX M-F (GAS).....	ART. 110	Pag. 42	
MINISFER F-F (GAS).....	ART. 3930	Pag. 42	
MINISFER M-F (GAS).....	ART. 3931	Pag. 42	
MORSA PER MANDRINARE.....	ART. 75	Pag. 32	
MORSETTO (ENOLOGICO).....	ART. 164	Pag. 61	
MORSETTO (SMS).....	ART. 307	Pag. 59	
MORSETTO TAGLIATUBI DN.....	ART. 78	Pag. 32	
<b>N</b>			
NIPPLES RIDOTTO CONICO-CILINDRICO INOX 316.....		Pag. 76	
NIPPLE ESAGONALE (GAS).....	ART. 19	Pag. 9	
NIPPLE ESAGONALE RIDOTTO (GAS).....	ART. 19/A	Pag. 9	
<b>P</b>			
PEZZO A CROCE A MANDRINARE.....	ART. 99L	Pag. 18	
PEZZO A TEE (GAS).....	ART. 27	Pag. 11	
PEZZO A TEE A MANDRINARE.....	ART. 8L	Pag. 18	
PEZZO A TEE A SALDARE.....	ART. 97	Pag. 18	
PEZZO A TEE RIDOTTO.....	ART. 118	Pag. 19	
PEZZO A Y 90° - 120°.....	ART. 114	Pag. 17	
PIEDINI.....	ART. 154	Pag. 71	
PORTAGOMMA A SALDARE (DIN).....	ART. 13/A	Pag. 6	
PORTAGOMMA CLAMP.....	ART. 304	Pag. 54	
PORTAGOMMA FEMMINA (DIN).....	ART. 14	Pag. 5	
PORTAGOMMA MASCHIO (DIN).....	ART. 13	Pag. 5	
PORTAGOMMA MASCHIO FILETTATO (GAS).....	ART. 23	Pag. 10	
PORTALIVELLO CON RUBINETTO DI INTERCETTAZIONE.....	ART. 28	Pag. 33	
PORTALIVELLO SEMPLICE.....	ART. 32	Pag. 33	
PROTEZIONE INOX PER INDICATORE DI PASSAGGIO.....	ART. 52/PR	Pag. 28	
<b>R</b>			
RACCORDI INOX CON OGIVA.....		Pag. 73	
RACCORDI MICROFUSI.....		Pag. 66	
REGGITUBO.....	ART. 94	Pag. 60	
REGGITUBO A CERNIERA IN ACCIAIO INOX.....	ART. 54	Pag. 30	
REGGITUBO PESANTE.....	ART. 55	Pag. 30	
REGOLATORE DI LIVELLO.....	ART. 36	Pag. 35	
RIDUZIONE CONCENTRICA A MANDRINARE.....	ART. 96L	Pag. 21	
RIDUZIONE CONCENTRICA A SALDARE.....	ART. 73	Pag. 20	
RIDUZIONE CONCENTRICA A SALDARE (CLAMP).....	ART. 311	Pag. 55	
RIDUZIONE ECCENTRICA A MANDRINARE.....	ART. 96/AL	Pag. 21	
RIDUZIONE ECCENTRICA A SALDARE.....	ART. 73/A	Pag. 20	
RIDUZIONE ECCENTRICA A SALDARE (CLAMP).....	ART. 312	Pag. 55	
RIDUZIONE FILETTATA FEMMINA A MANDRINARE (DIN).....	ART. 10/A	Pag. 3	
RIDUZIONE MASCHIO - FEMMINA (GAS).....	ART. 22	Pag. 10	
RIDUZIONE MASCHIO CONICA A MANDRINARE (DIN).....	ART. 10	Pag. 3	
RUBINETTO A SFERA LUCIDO PASSAGGIO TOTALE (GAS).....	ART. 7310	Pag. 36	
RUBINETTO A SFERA OPACO PASSAGGIO TOTALE (GAS).....	ART. 7320	Pag. 36	
RUBINETTO MASCHIO 2 VIE (SMS).....	ART. 92	Pag. 60	
RUBINETTO MASCHIO 3 VIE (SMS).....	ART. 93	Pag. 60	
RUBINETTO MASCHIO A 2 VIE.....	ART. 49	Pag. 38	
RUBINETTO MASCHIO A 3 VIE.....	ART. 50	Pag. 38	
RUBINETTO MASCHIO PRELIEVO CAMPIONI.....	ART. 34	Pag. 33	
<b>S</b>			
SEMIRACCORDO A MORSETTO (ENOLOGICO).....	ART. 186	Pag. 61	
SPECOLA CLAMP.....	ART. 313	Pag. 55	
SPECOLA PIANA.....	ART. 60	Pag. 29	
STAFFA.....	ART. 207	Pag. 48	
SWITCH BOX.....	ART. 206	Pag. 48	

## INDICE ANALITICO DEGLI ARTICOLI

<b>T</b>			
TAGLIATUBO (SMS).....	ART. 308	Pag. 59	
TAPPO A MORSETTO (ENOLOGICO).....	ART. 165	Pag. 61	
TAPPO CIECO (SMS).....	ART. 86/L	Pag. 59	
TAPPO CLAMP.....	ART. 303	Pag. 54	
TAPPO FEMMINA (GAS).....	ART. 21	Pag. 9	
TAPPO FILETTATO FEMMINA (DIN).....	ART. 9/A	Pag. 3	
TAPPO MASCHIO (GAS).....	ART. 20	Pag. 9	
TAPPO MASCHIO CONICO (DIN).....	ART. 9	Pag. 3	
TEE A MANDRINARE (SMS).....	ART. 88/L	Pag. 59	
TERMOMETRO A MERCURIO.....	ART. 116/B	Pag. 32	
TERMOMETRO CON SEP. DI MEMBRANA INOX SA/40.....	ART. 117/A	Pag. 32	
TRONCHETTO A LUNGHEZZE DIVERSE (GAS).....	ART. 17/C	Pag. 8	
TRONCHETTO CLAMP L=12,7.....	ART. 301/A	Pag. 53	
TRONCHETTO CLAMP L=28,6.....	ART. 301	Pag. 53	
TRONCHETTO RICAVATO DA TUBO SS - E.U. (GAS).....	ART. 17	Pag. 8	
TRONCHETTO TUTTO FILETTO (GAS).....	ART. 17/B	Pag. 8	
TUBI INOX ALIMENTARI.....	ART. 600	Pag. 69	
TUBO PER INDICATORE DI PASS. IN VETRO PYREX.....	ART. 56	Pag. 28	
<b>V</b>			
VALVOLA A DOPPIO EFFETTO (ENOLOGICO).....			Pag. 63
VALVOLA A FARFALLA ATTACCHI GAS.....	ART. 58/A		Pag. 45
VALVOLA A FARFALLA F-F.....	ART. 58		Pag. 44
VALVOLA A FARFALLA FLANGIATA.....	ART. 58/F		Pag. 44
VALVOLA A FARFALLA F-S.....	ART. 58/B		Pag. 44
VALVOLA A FARFALLA M-F.....	ART. 57		Pag. 44
VALVOLA A FARFALLA S-S.....	ART. 58/S		Pag. 44
VALVOLA A FARFALLA TRI-CLAMP.....	ART. 58/TC		Pag. 56
VALVOLA A FLUSSO AVVIATO F-F.....	ART. 37		Pag. 33
VALVOLA A SFERA 2 VIE CLAMP.....	ART. 5400		Pag. 51
VALVOLA A SFERA 2 VIE DIN F-F.....	ART. 5110		Pag. 49
VALVOLA A SFERA 2 VIE DIN M-F.....	ART. 5110/A		Pag. 49
VALVOLA A SFERA 2 VIE F-F (DIN).....	ART. 47		Pag. 37
VALVOLA A SFERA 2 VIE GAS F-F.....	ART. 5100		Pag. 49
VALVOLA A SFERA 2 VIE GAS M-F.....	ART. 5100/A		Pag. 49
VALVOLA A SFERA 2 VIE M-F (DIN).....	ART. 47/A		Pag. 37
VALVOLA A SFERA 3 VIE CLAMP.....	ART. 5500		Pag. 51
VALVOLA A SFERA 3 VIE DIN F-F-F.....	ART. 5310		Pag. 50
VALVOLA A SFERA 3 VIE GAS F-F-F.....	ART. 5300		Pag. 50
VALVOLA A SFERA A 2 VIE F-F (GAS).....	ART. 35		Pag. 36
VALVOLA A SFERA A 2 VIE F-F IN OTTONE NICHELATO.....	ART. 2500		Pag. 51
VALVOLA A SFERA A 2 VIE M-F (GAS).....	ART. 35/A		Pag. 36
VALVOLA A SFERA A 3 VIE (CLAMP).....			Pag. 56
VALVOLA A SFERA A 3 VIE CHIUSURA A " L " (DIN).....	ART. 48/B		Pag. 37
VALVOLA A SFERA A 3 VIE CHIUSURA A " L " (GAS).....	ART. 48/C		Pag. 38
VALVOLA A SFERA A 3 VIE CHIUSURA A " T " (DIN).....	ART. 48		Pag. 37
VALVOLA A SFERA A 3 VIE CHIUSURA A " T " (GAS).....	ART. 48/A		Pag. 38
VALVOLA A SFERA DEVIATRICE 3 VIE F-F-F CHIUSURA A " L " (GAS).....	ART. 3210		Pag. 40
VALVOLA A SFERA DEVIATRICE 3 VIE F-F-F CHIUSURA A " T " (GAS).....	ART. 3110		Pag. 40
VALVOLA A SFERA FILETTATURA F-F CON FARFALLA (GAS).....	ART. 1820		Pag. 39
VALVOLA A SFERA FILETTATURA M-F CON FARFALLA (GAS).....	ART. 1721		Pag. 39
VALVOLA A SFERA FLANGIATA 2 VIE.....	ART. 48/E		Pag. 38
VALVOLA A SFERA IN OTTONE 2 VIE F-F LEVA IN ACCIAIO (GAS).....	ART. 2310		Pag. 40
VALVOLA A SFERA IN OTTONE 2 VIE F-F TIPO LEGGERO (GAS).....	ART. 1800		Pag. 39
VALVOLA A SFERA IN OTTONE 2 VIE F-F TIPO PESANTE (GAS).....	ART. 2700		Pag. 40
VALVOLA A SFERA IN OTTONE 2 VIE M-F TIPO LEGGERO (GAS).....	ART. 1801		Pag. 39
VALVOLA A SFERA IN OTTONE 3 VIE F-F-F CHIUSURA A " L " (GAS).....	ART. 3400		Pag. 41
VALVOLA A SFERA IN OTTONE 3 VIE F-F-F CHIUSURA A " T " (GAS).....	ART. 3300		Pag. 41
VALVOLA A SFERA IN OTTONE CON PORTAGOMMA (GAS).....	ART. 4904		Pag. 41
VALVOLA A SFERA STAMPATA ATTACCHI F TENUTA PTFE (DIN).....	ART. 39		Pag. 37
VALVOLA A SFERA TRI-CLAMP 2 VIE.....	ART. 35/TC		Pag. 56
VALVOLA A SPILLO (PN16).....	ART. 38		Pag. 34
VALVOLA A SQUADRO M-M (PN16).....	ART. 31		Pag. 34
VALVOLA BVKI WAFER PN 6.....	ART. 115/B		Pag. 45
VALVOLA DI NON RITORNO A CLAPET.....	ART. 250		Pag. 43
VALVOLA DI REGOLAZIONE A 2 VIE.....	ART. 68		Pag. 46
VALVOLA DI RITEGNO ASSIALE (PN16).....	ART. 29		Pag. 34
VALVOLA DI RITEGNO CLAMP.....	ART. 314		Pag. 55
VALVOLA DI RITEGNO CON E SENZA MOLLA.....	ART. 53		Pag. 35
VALVOLA DI SICUREZZA A MOLLA.....	ART. 51		Pag. 35
VALVOLA DI SICUREZZA A MOLLA (PN16).....	ART. 30		Pag. 34
VALVOLA PNEUMATICA A 2 VIE.....	ART. 66		Pag. 46
VALVOLA PNEUMATICA A 3 VIE.....	ART. 67		Pag. 46
VALVOLA PNEUMATICA A CROSS WAY.....	ART. 70		Pag. 46
VALVOLA REGOLAZIONE DI FLUSSO.....	ART. 16		Pag. 33
VALVOLA SAUNDERS A MEMBRANA.....	ART. 59		Pag. 43
VALVOLE A FARFALLA PER ATTUATORE.....			Pag. 52
VETRO PER SPECOLA PIANA.....	ART. 60/A		Pag. 29

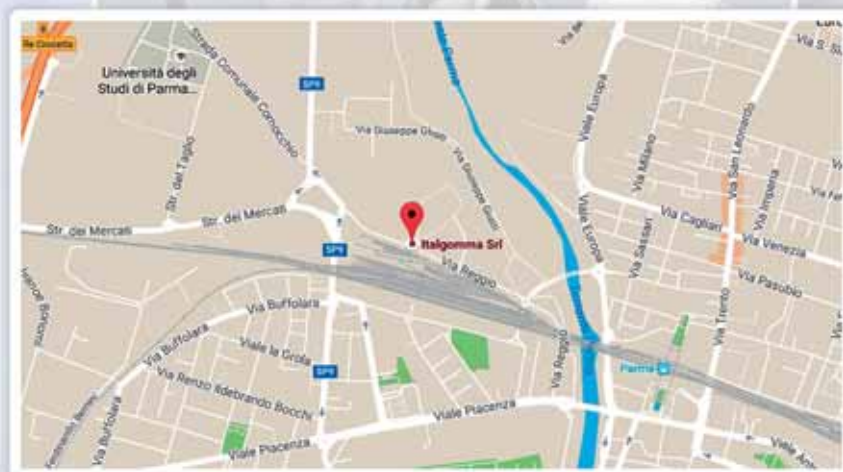
# ITALGOMMA S.R.L.

di *Giuseppe Grassi*

COMPONENTI IN ACCIAIO PER L'INDUSTRIA  
Alimentare, Chimica e Farmaceutica

## RACCORDERIA IN ACCIAIO INOX 304/304 L – 316/316 L

VALVOLE A SFERA, A FARFALLA, DI RITEGNO, WAFER, LUG -  
CURVE - DOPPIE CURVE – TEE CON CURVA – CROCI – PEZZI A "Y" –  
TEE – RIDUZIONI – CARTELLE – FLANGE – FONDI BOMBATI –  
FILTRI – GALLEGGIANTI – INDICATORI DI LIVELLO E PASSAGGIO –  
RACCORDI INOX DIN2353 ISO8434-1 RACCORDI INOX PUSH-IN  
MISURE: DIN – GAS – UNI – CLAMP – SMS – BS – ISS – ENO  
DIN: 11851 (I°, II°) – 11852 (I°, II°) – 11853 (I°, II°) – 11864 (1,2,3)



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