

OLEODINAMICA

RACCORDERIA > ACCESSORI > TUBAZIONI

FLUID SYSTEM



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Catalogo FluidSystem - Versione 1.0 Settembre 2009

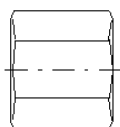
01 - Raccorderia per oleodinamica

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Raccorderia per oleodinamica

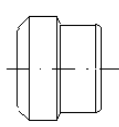
Raccordi DIN 2353

TN 81



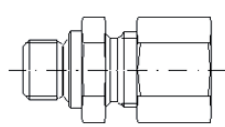
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TN 88



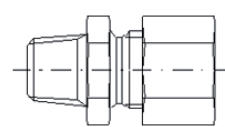
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TN 92



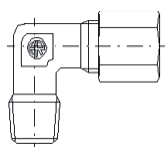
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TN 93



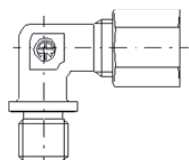
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TN 94



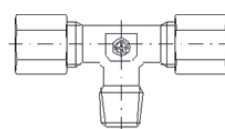
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TN 95



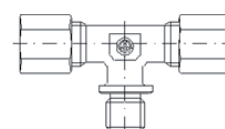
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TN 96



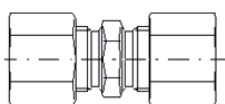
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TN 97



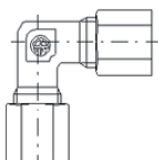
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TN 98



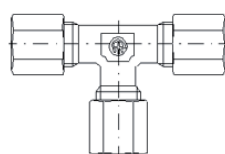
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TN 99



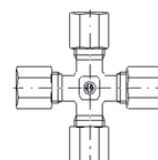
pag. 1.1.9

TN 100



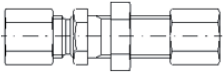
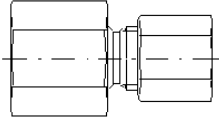
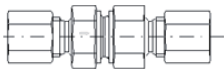
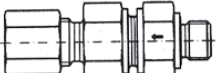
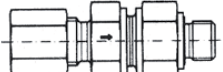
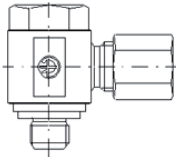
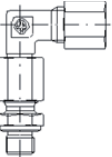
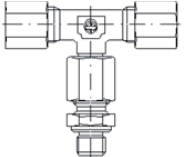
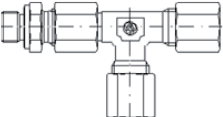
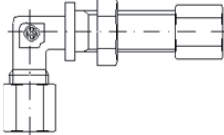
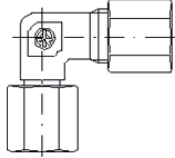
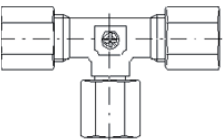
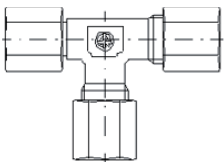
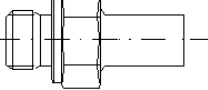
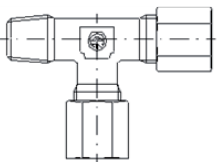
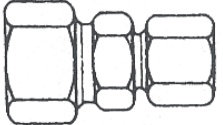
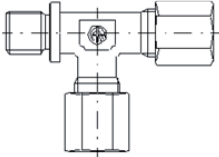
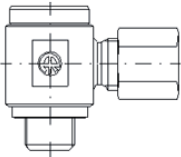
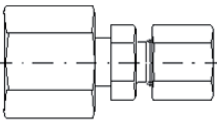
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TN 101



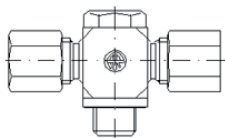
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* Fornibile su richiesta

TN 102  pag. 1.1.12	TN 103  pag. 1.1.12	TN 106  *	TN 107  *
TN 108  *	TN 111  *	TN 114  *	TN 115  *
TN 116  *	TN 117  *	TN 118  pag. 1.1.13	TN 119  pag. 1.1.14
TN 120  pag. 1.1.15	TN 121  pag. 1.1.16	TN 126  pag. 1.1.21	TN 127  pag. 1.1.17
TN 128  *	TN 129  *	TN 130  pag. 1.1.18	TN 132  pag. 1.1.23/24

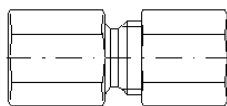
* Fornibile su richiesta

TN 136



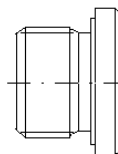
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TN 147



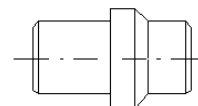
pag. 1.1.19

TN 185



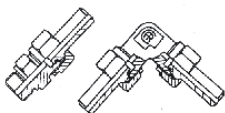
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TN 188



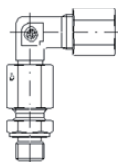
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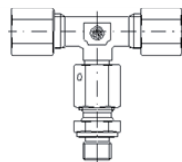
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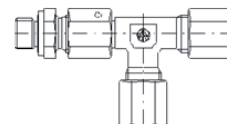
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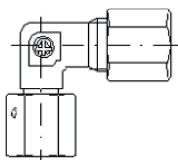
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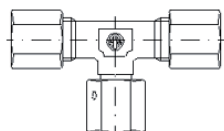
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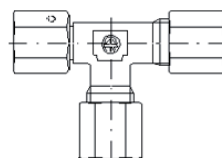
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TN 420



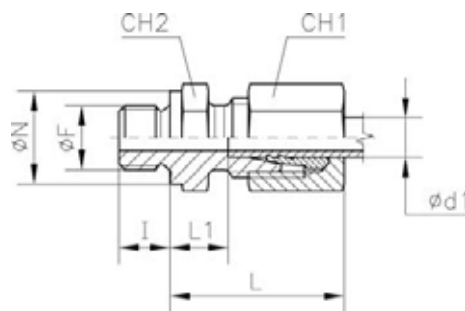
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TN 421



*

* Fornibile su richiesta



TN 92

Raccordo di estremità diritto

Filettatura : GAS CILINDRICA

Disponibili su richiesta anche con filetti METRICI

Disponibili anche in acciaio INOX AISI 316L

Disponibili anche in versione con svasatura a 60°.

Codice	Ø F	Ø N	Serie	Ø Tubo d1	P.N.	I	L	L1	CH1	CH2	Peso Kg x 100 P.
TN 92 - 6 LR	1/8"	14	L	6	250	8	23	8,5	14	14	2,5
TN 92 - 8 LR	1/4"	18	L	8	250	12	25	10	17	19	4,5
TN 92 - 8 LR 3/8"	3/8"	22	L	8	250	12	26	11,5	17	22	6
TN 92 - 10 LR	1/4"	18	L	10	250	12	26	10,5	19	19	4,7
TN 92 - 10 LR 3/8"	3/8"	22	L	10	250	12	27	12,5	19	22	6
TN 92 - 12 LR 1/4"	1/4"	18	L	12	250	12	27	12	22	19	6,1
TN 92 - 12 LR	3/8"	22	L	12	250	12	27	12	22	22	6,5
TN 92 - 12 LR 1/2"	1/2"	26	L	12	250	14	28	13	22	27	9,5
TN 92 - 15 LR	1/2"	26	L	15	250	14	29	14	27	27	11,5
TN 92 - 18 LR	1/2"	26	L	18	160	14	31	14,5	32	27	13
TN 92 - 22 LR	3/4"	32	L	22	160	16	33	16,5	36	32	18
TN 92 - 28 LR	1"	39	L	28	100	18	34	17,5	41	41	25
TN 92 - 35 LR	1 1/4"	49	L	35	100	20	39	17,5	50	50	41
TN 92 - 42 LR	1 1/2"	55	L	42	100	22	40	19	60	55	46
TN 92 - 6 SR	1/4"	18	S	6	P.E. 630	12	28	13	17	19	5,2
TN 92 - 8 SR	1/4"	18	S	8	P.E. 630	12	30	15	19	19	6
TN 92 - 10 SR	3/8"	22	S	10	P.E. 630	12	31	15	22	22	9
TN 92 - 12 SR	3/8"	22	S	12	P.E. 630	12	33	17	24	22	10,2
TN 92 - 12 SR 1/2"	1/2"	26	S	12	P.E. 630	14	34	17,5	24	27	13,5
TN 92 - 14 SR	1/2"	26	S	14	P.E. 630	14	37	19	27	27	15,2
TN 92 - 16 SR	1/2"	26	S	16	400	14	37	18,5	30	27	16
TN 92 - 20 SR	3/4"	32	S	20	400	16	42	20,5	36	32	27
TN 92 - 25 SR	1"	39	S	25	400	18	47	23	46	41	49
TN 92 - 30 SR	1 1/4"	49	S	30	250	20	50	23,5	50	50	66
TN 92 - 38 SR	1 1/2"	55	S	38	250	22	57	26	60	55	92

Le dimensioni di ingombro si intendono a raccordo chiuso

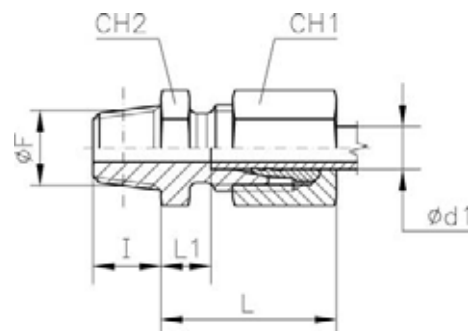
TN 93

Raccordo di estremità diritto

Filettatura: GAS CONICA

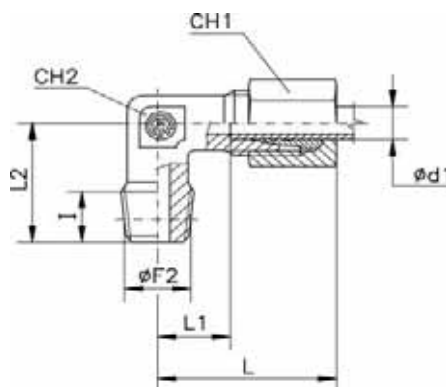
Disponibili su richiesta anche con filetti METRICI E NPT

Disponibili anche in acciaio INOX AISI 316L



Codice	Ø F2	Serie	Ø Tubo d1	P.N.	I	L	L1	CH1	CH2	Peso Kg x 100 P.
TN 93 - 4 LLR	1/8"	LL	4	100	8	18	8,5	10	11	1,5
TN 93 - 5 LLR	1/8"	LL	5	100	8	18	6,5	12	11	1,5
TN 93 - 6 LLR	1/8"	LL	6	100	8	18	6,5	12	11	1,7
TN 93 - 8 LLR	1/8"	LL	8	100	8	20	8,5	14	12	1,9
TN 93 - 8 LLR 1/4"	1/4"	LL	8	100	12	20	8,5	14	14	2
TN 93 - 10 LLR	1/4"	LL	10	100	12	20	8,5	17	14	3
TN 93 - 12 LLR	1/4"	LL	12	100	12	20	8	19	17	4,2
TN 93 - 12 LLR 3/8"	3/8"	LL	12	100	12	20	8	19	17	4,5
TN 93 - 6 LR	1/8"	L	6	250	10	23	7	14	12	2,5
TN 93 - 8 LR	1/4"	L	8	250	13	25	8	17	17	4,5
TN 93 - 8 LR 3/8"	3/8"	L	8	250	13	26	9	17	19	6
TN 93 - 10 LR	1/4"	L	10	250	13	26	9	19	17	4,7
TN 93 - 10 LR 3/8"	3/8"	L	10	250	13	24	10	19	19	6
TN 93 - 12 LR 1/4"	1/4"	L	12	250	13	25	10	22	19	6,3
TN 93 - 12 LR	3/8"	L	12	250	13	27	10	22	19	6,5
TN 93 - 12 LR 1/2"	1/2"	L	12	250	16	25	10	22	22	9,5
TN 93 - 15 LR	1/2"	L	15	250	16	29	11	27	24	11,5
TN 93 - 18 LR	1/2"	L	18	160	16	31	11,5	32	27	13
TN 93 - 22 LR	3/4"	L	22	160	18	33	13,5	36	32	18
TN 93 - 28 LR	1"	L	28	100	20	34	14,5	41	41	25
TN 93 - 35 LR	1 1/4"	L	35	100	21	39	14,5	50	46	41
TN 93 - 42 LR	1 1/2"	L	42	100	22	42	16	60	55	46
TN 93 - 6 SR	1/4"	S	6	P.E. 630	13	28	12	17	17	5,2
TN 93 - 8 SR	1/4"	S	8	P.E. 630	13	30	13	19	17	6
TN 93 - 10 SR	3/8"	S	10	P.E. 630	13	31	12,5	22	19	9
TN 93 - 12 SR	3/8"	S	12	P.E. 630	13	33	14,5	24	22	10,2
TN 93 - 12 SR 1/2"	1/2"	S	12	P.E. 630	16	31	14,5	24	22	12,5
TN 93 - 14 SR	1/2"	S	14	P.E. 630	16	37	16	27	24	15,2
TN 93 - 16 SR	1/2"	S	16	P.E. 400	16	37	17,5	30	27	16
TN 93 - 20 SR	3/4"	S	20	P.E. 400	18	42	17,5	36	32	27
TN 93 - 25 SR	1"	S	25	P.E. 400	20	47	18	46	41	49
TN 93 - 30 SR	1 1/4"	S	30	P.E. 250	21	50	19,5	50	46	66
TN 93 - 38 SR	1 1/2"	S	38	P.E. 250	22	57	22	60	55	92

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 94

Raccordo di estremità a gomito

Filettatura: GAS CONICA

Disponibili su richiesta anche con filetti METRICI E NPT

Disponibili anche in acciaio INOX AISI 316L

Codice	Ø F2	Serie	Ø TUBO d1	P.N.	I	L	L1	L2	CH1	CH2	Peso Kg x 100 P.
TN 94 - 4 LLR	1/8"	LL	4	100	8	21	11	12	10	7	2
TN 94 - 5 LLR	1/8"	LL	5	100	8	21	9	12	12	9	2
TN 94 - 6 LLR	1/8"	LL	6	100	8	21	9	12	12	9	2
TN 94 - 8 LLR	1/8"	LL	8	100	8	23	11	15	14	12	2,5
TN 94 - 10 LLR	1/4"	LL	10	100	12	27	11	18	17	14	3,5
TN 94 - 12 LLR	1/4"	LL	12	100	12	27	17	19	19	17	5
TN 94 - 6 LR	1/8"	L	6	250	8	27	12	15	14	12	3,5
TN 94 - 8 LR	1/4"	L	8	250	12	29	14	18	17	12	5
TN 94 - 10 LR	1/4"	L	10	250	12	30	15	19	19	14	6
TN 94 - 12 LR	3/8"	L	12	250	12	32	17	20	22	17	8,5
TN 94 - 15 LR	1/2"	L	15	250	14	36	21	24	27	19	14,5
TN 94 - 18 LR	1/2"	L	18	160	14	40	23	26	32	24	17
TN 94 - 6 SR	1/4"	S	6	630	12	31	16	18	17	12	5,5
TN 94 - 8 SR	1/4"	S	8	630	12	32	17	19	19	14	7,2
TN 94 - 10 SR	3/8"	S	10	630	12	34	17	20	22	17	10,3
TN 94 - 12 SR	3/8"	S	12	630	12	38	21	20	24	17	11
TN 94 - 14 SR	1/2"	S	14	630	14	40	22	22	27	19	16
TN 94 - 16 SR	1/2"	S	16	400	14	43	24	22	30	24	19,5

Le dimensioni di ingombro si intendono a raccordo chiuso

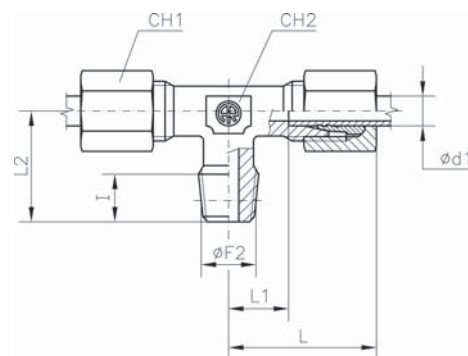
TN 96

Raccordo di estremità a Tee

Filettatura: GAS CONICA

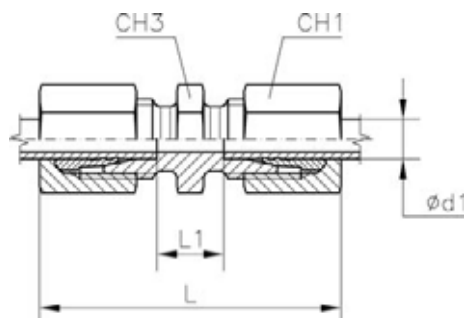
Disponibili su richiesta anche con filetti METRICI E NPT

Disponibili anche in acciaio INOX AISI 316L



Codice	Ø F2	Serie	Ø Tubo d1	P.N.	I	L	L1	L2	CH1	CH2	Peso Kg x 100 P.
TN 96 - 4 LLR	1/8"	LL	4	100	8	21	11	12	10	7	2,5
TN 96 - 5 LLR	1/8"	LL	5	100	8	21	9,5	12	12	9	2,7
TN 96 - 6 LLR	1/8"	LL	6	100	8	21	9,5	12	12	9	2,8
TN 96 - 8 LLR	1/8"	LL	8	100	8	23	11,5	15	14	12	4,2
TN 96 - 10 LLR	1/4"	LL	10	100	12	27	17	18	17	14	6,9
TN 96 - 12 LLR	1/4"	LL	12	100	12	27	17	19	19	17	9
TN 96 - 6 LR	1/8"	L	6	250	8	27	12	15	14	12	5,5
TN 96 - 8 LR	1/4"	L	8	250	12	29	14	18	17	12	7,5
TN 96 - 10 LR	1/4"	L	10	250	12	30	15	19	19	14	10,6
TN 96 - 12 LR	3/8"	L	12	250	12	32	17	20	22	17	13
TN 96 - 15 LR	1/2"	L	15	250	14	36	21	24	27	19	22
TN 96 - 18 LR	1/2"	L	18	160	14	40	23,5	26,5	32	24	32
TN 96 - 6 SR	1/4"	S	6	630	12	31	16	18	17	12	9,5
TN 96 - 8 SR	1/4"	S	8	630	12	32	17	19	19	14	12,1
TN 96 - 10 SR	3/8"	S	10	630	12	34	17,5	20	22	17	16
TN 96 - 12 SR	3/8"	S	12	630	12	38	21,5	20	24	17	20,3
TN 96 - 14 SR	1/2"	S	14	630	14	40	22	22,5	27	19	25,1
TN 96 - 16 SR	1/2"	S	16	400	14	43	24,5	22,5	30	24	32,4

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 98

Raccordo intermedio diritto

Disponibili anche in acciaio INOX AISI 316L

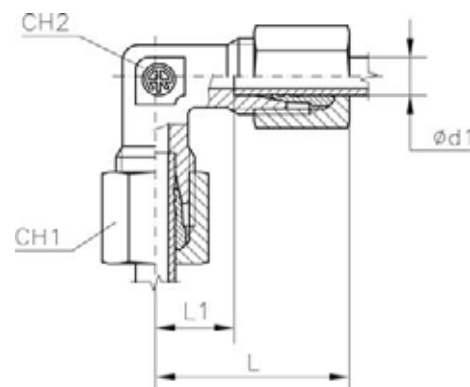
Codice	Serie	Ø Tubo d1	P.N.	L	L1	CH1	CH2	Peso Kg x 100 P.
TN 98 - 4 LL	LL	4	100	31	12	10	9	1,5
TN 98 - 5 LL	LL	5	100	32	9	12	11	2
TN 98 - 6 LL	LL	6	100	32	9	12	11	2,2
TN 98 - 8 LL	LL	8	100	35	12	14	12	2,8
TN 98 - 10 LL	LL	10	100	35	12	17	14	4,5
TN 98 - 12 LL	LL	12	100	35	11	19	17	6
TN 98 - 6 L	L	6	250	39	10	14	12	3,6
TN 98 - 8 L	L	8	250	40	11	17	14	5
TN 98 - 10 L	L	10	250	42	13	19	17	7
TN 98 - 12 L	L	12	250	43	14	22	19	8,7
TN 98 - 15 L	L	15	250	46	16	27	24	14
TN 98 - 18 L	L	18	160	48	16	32	27	20
TN 98 - 22 L	L	22	160	52	20	36	32	26,5
TN 98 - 28 L	L	28	100	54	21	41	41	32
TN 98 - 35 L	L	35	100	63	20	50	46	50
TN 98 - 42 L	L	42	100	66	21	60	55	74
TN 98 - 6 S	S	6	630	45	16	17	14	4,1
TN 98 - 8 S	S	8	630	47	18	19	17	6,1
TN 98 - 10 S	S	10	630	49	17	22	19	8
TN 98 - 12 S	S	12	630	51	19	24	22	11,5
TN 98 - 14 S	S	14	630	57	22	27	24	18
TN 98 - 16 S	S	16	400	57	21	30	27	23
TN 98 - 20 S	S	20	400	66	23	36	32	35
TN 98 - 25 S	S	25	400	74	26	46	41	68
TN 98 - 30 S	S	30	250	80	27	50	46	83
TN 98 - 38 S	S	38	250	90	29	60	55	121

Le dimensioni di ingombro si intendono a raccordo chiuso

TN 99

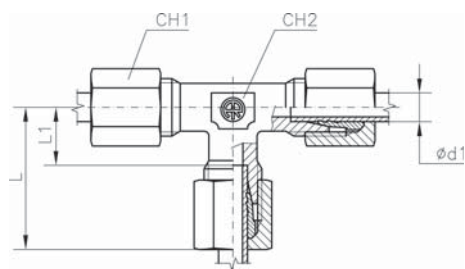
Raccordo intermedio a gomito

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø Tubo d1	P.N.	L	L1	CH1	CH2	PESO KG x 100 P.
TN 99 - 4 LL	LL	4	100	21	11	10	7	2
TN 99 - 5 LL	LL	5	100	21	9,5	12	9	2,2
TN 99 - 6 LL	LL	6	100	21	9,5	12	9	2,3
TN 99 - 8 LL	LL	8	100	23	11,5	14	12	3,5
TN 99 - 10 LL	LL	10	100	27	17	17	14	5,2
TN 99 - 12 LL	LL	12	100	27	17	19	17	7
TN 99 - 6 L	L	6	250	27	12	14	12	4,2
TN 99 - 8 L	L	8	250	29	14	17	12	5,8
TN 99 - 10 L	L	10	250	30	15	19	14	7,7
TN 99 - 12 L	L	12	250	32	17	22	17	9,8
TN 99 - 15 L	L	15	250	36	21	27	19	16
TN 99 - 18 L	L	18	160	40	23,5	32	24	24
TN 99 - 22 L	L	22	160	44	27,5	36	27	32
TN 99 - 28 L	L	28	100	47	31	41	36	42,4
TN 99 - 35 L	L	35	100	56	34,5	50	41	76,5
TN 99 - 42 L	L	42	100	63	40	60	50	109
TN 99 - 6 S	S	6	630	31	16	17	12	7,1
TN 99 - 8 S	S	8	630	32	17	19	14	8,1
TN 99 - 10 S	S	10	630	34	17,5	22	17	12,9
TN 99 - 12 S	S	12	630	38	21,5	24	17	15
TN 99 - 14 S	S	14	630	40	22	27	19	21
TN 99 - 16 S	S	16	400	43	24,5	30	24	26
TN 99 - 20 S	S	20	400	48	26,5	36	27	42
TN 99 - 25 S	S	25	400	54	30	46	36	78
TN 99 - 30 S	S	30	250	62	35,5	50	41	99
TN 99 - 38 S	S	38	250	72	41	60	50	133

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 100

Raccordo intermedio a Tee

Disponibili anche in acciaio INOX AISI 316L

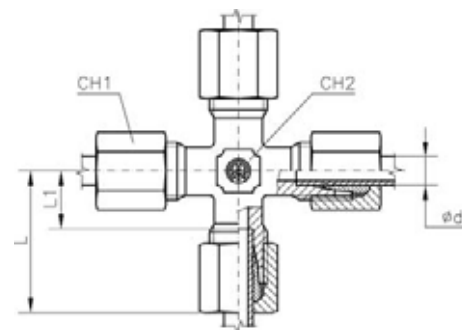
Codice	Serie	Ø Tubo d1	P.N.	L	L1	CH1	CH2	PESO KG x 100 P.
TN 100 - 4 LL	LL	4	100	21	11	10	7	2,9
TN 100 - 5 LL	LL	5	100	21	9,5	12	9	3,5
TN 100 - 6 LL	LL	6	100	21	9,5	12	9	3,5
TN 100 - 8 LL	LL	8	100	23	11,5	14	12	4,5
TN 100 - 10 LL	LL	10	100	27	17	17	14	7,2
TN 100 - 12 LL	LL	12	100	27	17	19	17	9,5
TN 100 - 6 L	L	6	250	27	12	14	12	6,3
TN 100 - 8 L	L	8	250	29	14	17	12	8,5
TN 100 - 10 L	L	10	250	30	15	19	14	11,5
TN 100 - 12 L	L	12	250	32	17	22	17	15
TN 100 - 15 L	L	15	250	36	21	27	19	24,5
TN 100 - 18 L	L	18	160	40	23,5	32	24	35,8
TN 100 - 22 L	L	22	160	44	27,5	36	27	47,9
TN 100 - 28 L	L	28	100	47	31	41	36	74,5
TN 100 - 35 L	L	35	100	56	34,5	50	41	100
TN 100 - 42 L	L	42	100	63	40	60	50	150
TN 100 - 6 S	S	6	630	31	16	17	12	11
TN 100 - 8 S	S	8	630	32	17	19	14	14,2
TN 100 - 10 S	S	10	630	34	17,5	22	17	19,1
TN 100 - 12 S	S	12	630	38	21,5	24	17	24,3
TN 100 - 14 S	S	14	630	40	22	27	19	30,2
TN 100 - 16 S	S	16	400	43	24,5	30	24	39,8
TN 100 - 20 S	S	20	400	48	26,5	36	27	60
TN 100 - 25 S	S	25	400	54	30	46	36	112
TN 100 - 30 S	S	30	250	62	35,5	50	41	146
TN 100 - 38 S	S	38	250	72	41	60	50	206

Le dimensioni di ingombro si intendono a raccordo chiuso

TN 101

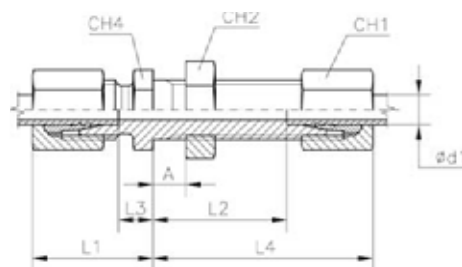
Raccordo intermedio a croce

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø Tubo d1	P.N.	L	L1	CH1	CH2	PESO KG x 100 P.
TN 101 - 4 LL	LL	4	100	21	11	10	7	3
TN 101 - 5 LL	LL	5	100	21	9,5	12	9	4
TN 101 - 6 LL	LL	6	100	21	9,5	12	9	4
TN 101 - 8 LL	LL	8	100	23	11,5	14	12	6
TN 101 - 6 L	L	6	250	27	12	14	12	7,8
TN 101 - 8 L	L	8	250	29	14	17	12	11
TN 101 - 10 L	L	10	250	30	15	19	14	15,7
TN 101 - 12 L	L	12	250	32	17	22	17	19,5
TN 101 - 15 L	L	15	250	36	21	27	19	31,5
TN 101 - 18 L	L	18	160	40	23,5	32	24	48,7
TN 101 - 22 L	L	22	160	44	27,5	36	27	73
TN 101 - 28 L	L	28	100	47	31	41	36	101,5
TN 101 - 35 L	L	35	100	56	34,5	50	41	123,5
TN 101 - 42 L	L	42	100	63	40	60	50	176,5
TN 101 - 6 S	S	6	630	31	16	17	12	13
TN 101 - 8 S	S	8	630	32	17	19	14	17
TN 101 - 10 S	S	10	630	34	17,5	22	17	24,2
TN 101 - 12 S	S	12	630	38	21,5	24	17	30,1
TN 101 - 14 S	S	14	630	40	22	27	19	39
TN 101 - 16 S	S	16	400	43	24,5	30	24	49
TN 101 - 20 S	S	20	400	48	26,5	36	27	76
TN 101 - 25 S	S	25	400	54	30	46	36	138
TN 101 - 30 S	S	30	250	62	35,5	50	41	172
TN 101 - 38 S	S	38	250	72	41	60	50	269

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 102

Raccordo di attraversamento diritto

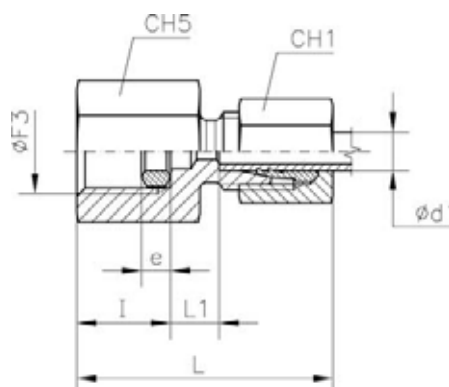
A = 16 mm. max.

Chiave esagono in accordo alla norma DIN 80705

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø Tubo d1	P.N.	L1	L2	L3	L4	CH1	CH2	CH3	Peso Kg x 100 P.
TN 102 - 6 L	L	6	250	22	27	7	42	14	17	17	7
TN 102 - 8 L	L	8	250	23	27	8	42	17	19	19	8,5
TN 102 - 10 L	L	10	250	25	28	10,5	43	19	22	22	12,7
TN 102 - 12 L	L	12	250	25	29	10	44	22	24	24	15
TN 102 - 15 L	L	15	250	27	31	12	46	27	30	30	23
TN 102 - 18 L	L	18	160	30	32,5	13,5	49	32	36	36	33
TN 102 - 22 L	L	22	160	33	34,5	16,5	51	36	41	41	41
TN 102 - 28 L	L	28	100	35	35,5	18,5	52	41	46	46	53
TN 102 - 35 L	L	35	100	40	36,5	18,5	58	50	55	55	80
TN 102 - 42 L	L	42	100	42	36	19	59	60	65	65	120
TN 102 - 6 S	S	6	630	27	29	12	44	17	19	19	10
TN 102 - 8 S	S	8	630	28	29	13	44	19	22	22	13
TN 102 - 10 S	S	10	630	31	29,5	14,5	46	22	24	24	19
TN 102 - 12 S	S	12	630	31	30,5	14,5	47	24	27	27	22
TN 102 - 14 S	S	14	630	35	32	17	50	27	30	30	27
TN 102 - 16 S	S	16	400	35	31,5	16,5	50	30	32	32	32
TN 102 - 20 S	S	20	400	39	33,5	17,5	55	36	41	41	55
TN 102 - 25 S	S	25	400	44	35	20	59	46	46	46	91
TN 102 - 30 S	S	30	250	48	37,5	21,5	64	50	50	50	110
TN 102 - 38 S	S	38	250	53	37	22	68	60	65	65	150

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 103

Raccordo per manometro

Filettatura: GAS CILINDRICA

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø Tubo d1	P.N.	Ø F3	L	L1	CH1	CH5	e	I	Peso Kg x 100 P.
TN 103 - 4 LL	LL	4	100	1/4"	35	8,5	10	19	4,5	14,5	3,5
TN 103 - 6 L	L	6	250	1/4"	35	7,5	14	19	4,5	14,5	5
TN 103 - 8 L	L	8	250	1/4"	35	8,5	17	19	4,5	14,5	5
TN 103 - 10 L	L	10	250	1/4"	37	8,5	19	19	4,5	14,5	6,5
TN 103 - 12 L	L	12	250	1/4"	37	8,5	22	19	4,5	14,5	6,5
TN 103 - 6 S	S	6	630	1/2"	48	11	17	27	5	20	11
TN 103 - 8 S	S	8	630	1/2"	48	11	19	27	5	20	11
TN 103 - 10 S	S	10	630	1/2"	49	10,5	22	27	5	20	12
TN 103 - 12 S	S	12	630	1/2"	49	10,5	24	27	5	20	12

Le dimensioni di ingombro si intendono a raccordo chiuso

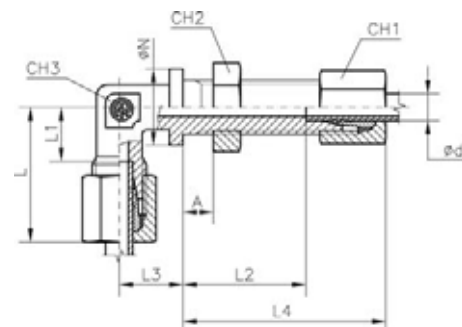
TN 118

Raccordo di attraversamento a gomito

A = 16 mm. max.

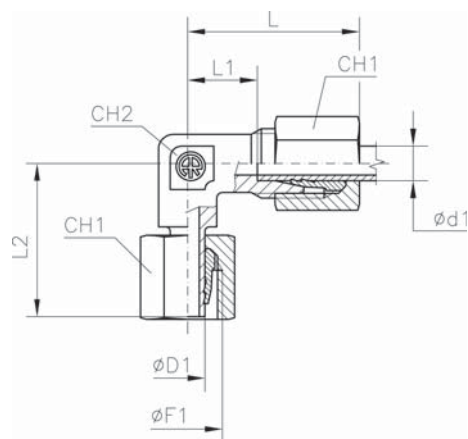
Chiave esagono in accordo alla norma DIN 80705

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø Tubo d1	P.N.	L	L1	L2	L3	L4	Ø N	CH1	CH2	CH3	Peso Kg x 100 P.
TN 118 - 6 L	L	6	250	27	12	27	14	42	17	14	17	12	7
TN 118 - 8 L	L	8	250	29	14	27	17	42	19	17	19	12	10
TN 118 - 10 L	L	10	250	30	15	28	18	43	22	19	22	14	13
TN 118 - 12 L	L	12	250	32	17	29	20	44	24	22	24	17	19
TN 118 - 15 L	L	15	250	36	21	31	23	46	27	27	30	19	28
TN 118 - 18 L	L	18	160	40	23,5	32,5	24	49	32	32	36	24	38
TN 118 - 22 L	L	22	160	44	27,5	34,5	30	51	36	36	41	27	49
TN 118 - 28 L	L	28	100	47	31	35,5	34	52	42	41	46	36	70
TN 118 - 35 L	L	35	100	56	34,5	36,5	39	58	50	50	55	41	103
TN 118 - 42 L	L	42	100	63	40	36	43	59	60	60	65	50	160
TN 118 - 6 S	S	6	630	31	16	29	17	44	19	17	19	12	10
TN 118 - 8 S	S	8	630	32	17	29	18	44	22	19	22	14	13
TN 118 - 10 S	S	10	630	34	17,5	29,5	20	46	24	22	24	17	20
TN 118 - 12 S	S	12	630	38	21,5	30,5	21	47	27	24	27	17	24
TN 118 - 14 S	S	14	630	40	22	32	23	50	27	27	30	19	30
TN 118 - 16 S	S	16	400	43	24,5	31,5	24	50	30	30	32	24	37
TN 118 - 20 S	S	20	400	48	26,5	33,5	30	55	36	36	41	27	60
TN 118 - 25 S	S	25	400	54	30	35	34	59	42	46	46	36	108
TN 118 - 30 S	S	30	250	62	35,5	37,5	39	64	50	50	50	41	120
TN 118 - 38 S	S	38	250	72	41	37	43	68	60	60	65	50	180

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 119

Raccordo orientabile a gomito

Disponibili anche in acciaio INOX AISI 316L

Disponibili anche in versione non serrati (Versione B)

Codice	Serie	Ø Tubo d1	P.N.	L	L1	L2	Ø D1	Ø F1	CH1	CH2	Peso Kg x 100 P.
TN 119 - 6 L	L	6	250	27	12	27	6	12 x 1,5	14	12	4
TN 119 - 8 L	L	8	250	29	14	28	8	14 x 1,5	17	12	5
TN 119 - 10 L	L	10	250	30	15	29	10	16 x 1,5	19	14	6
TN 119 - 12 L	L	12	250	32	17	30	12	18 x 1,5	22	17	9
TN 119 - 15 L	L	15	250	36	21	33,5	15	22 x 1,5	27	19	14
TN 119 - 18 L	L	18	160	40	23,5	37	18	26 x 1,5	32	24	21
TN 119 - 22 L	L	22	160	44	27,5	40	22	30 x 2	36	27	29
TN 119 - 28 L	L	28	100	47	31	43,5	28	36 x 2	41	36	41
TN 119 - 35 L	L	35	100	56	34,5	54,5	35	45 x 2	50	41	59
TN 119 - 42 L	L	42	100	63	40	62	42	52 x 2	60	50	105
TN 119 - 6 S	S	6	630	31	16	28,5	6	14 x 1,5	17	12	5
TN 119 - 8 S	S	8	630	32	17	28,5	8	16 x 1,5	19	14	7
TN 119 - 10 S	S	10	630	34	17,5	30,5	10	18 x 1,5	22	17	10
TN 119 - 12 S	S	12	630	38	21,5	32	12	20 x 1,5	24	17	13
TN 119 - 14 S	S	14	630	40	22	35,5	14	22 x 1,5	27	19	16
TN 119 - 16 S	S	16	400	43	24,5	37,5	16	24 x 1,5	30	24	23
TN 119 - 20 S	S	20	400	48	26,5	45	20	30 x 2	36	27	34
TN 119 - 25 S	S	25	400	54	30	51	25	36 x 2	46	36	68
TN 119 - 30 S	S	30	250	62	35,5	57	30	42 x 2	50	41	88
TN 119 - 38 S	S	38	250	72	41	64,5	38	52 x 2	60	50	142

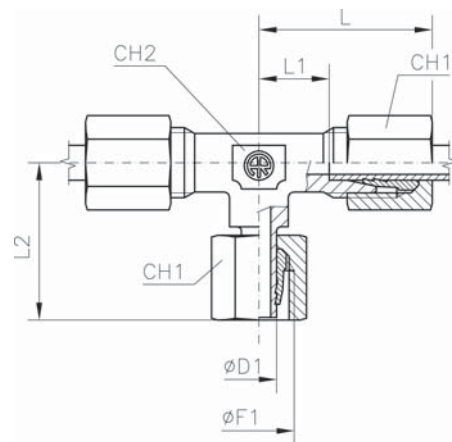
Le dimensioni di ingombro si intendono a raccordo chiuso

TN 120

Raccordo orientabile a Tee

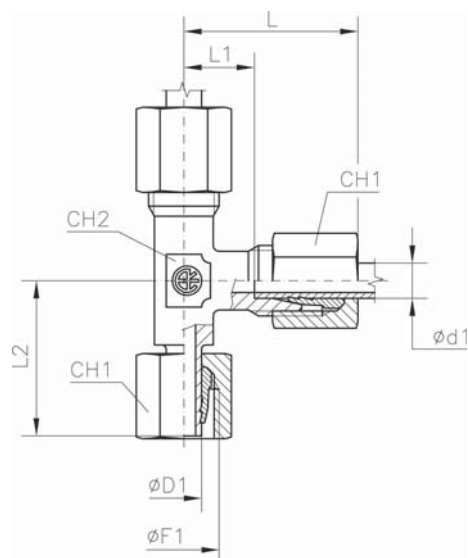
Disponibili anche in acciaio INOX AISI 316L

Disponibili anche in versione non serrati (Versione B)



Codice	Serie	Ø Tubo d1	P.N.	L	L1	L2	Ø D1	Ø F1	CH1	CH2	Peso Kg X 100 P.
TN 120 - 6 L	L	6	250	27	12	27	6	12 x 1,5	14	12	6
TN 120 - 8 L	L	8	250	29	14	28	8	14 x 1,5	17	12	7
TN 120 - 10 L	L	10	250	30	15	29	10	16 x 1,5	19	14	9
TN 120 - 12 L	L	12	250	32	17	30	12	18 x 1,5	22	17	13
TN 120 - 15 L	L	15	250	36	21	33,5	15	22 x 1,5	27	19	21
TN 120 - 18 L	L	18	160	40	23,5	37	18	26 x 1,5	32	24	32
TN 120 - 22 L	L	22	160	44	27,5	40	22	30 x 2	36	27	42
TN 120 - 28 L	L	28	100	47	31	43,5	28	36 x 2	41	36	60
TN 120 - 35 L	L	35	100	56	34,5	54,5	35	45 x 2	50	41	86
TN 120 - 42 L	L	42	100	63	40	62	42	52 x 2	60	50	110
TN 120 - 6 S	S	6	630	31	16	28,5	6	14 x 1,5	17	12	8
TN 120 - 8 S	S	8	630	32	17	28,5	8	16 x 1,5	19	14	11
TN 120 - 10 S	S	10	630	34	17,5	30,5	10	18 x 1,5	22	17	14
TN 120 - 12 S	S	12	630	38	21,5	32	12	20 x 1,5	24	17	19
TN 120 - 14 S	S	14	630	40	22	35,5	14	22 x 1,5	27	19	27
TN 120 - 16 S	S	16	400	43	24,5	37,5	16	24 x 1,5	30	24	36
TN 120 - 20 S	S	20	400	48	26,5	45	20	30 x 2	36	27	54
TN 120 - 25 S	S	25	400	54	30	51	25	36 x 2	46	36	102
TN 120 - 30 S	S	30	250	62	35,5	57	30	42 x 2	50	41	135
TN 120 - 38 S	S	38	250	72	41	64,5	38	52 x 2	60	50	210

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 121

Raccordo orientabile a L

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø Tubo d1	P.N.	L	L1	L2	Ø D1	Ø F1	CH1	CH2	Peso Kg x 100 P.
TN 121 - 6 L	L	6	250	27	12	27	6	12 x 1,5	14	12	6
TN 121 - 8 L	L	8	250	29	14	28	8	14 x 1,5	17	12	7
TN 121 - 10 L	L	10	250	30	15	29	10	16 x 1,5	19	14	9
TN 121 - 12 L	L	12	250	32	17	30	12	18 x 1,5	22	17	13
TN 121 - 15 L	L	15	250	36	21	33,5	15	22 x 1,5	27	19	21
TN 121 - 18 L	L	18	160	40	23,5	37	18	26 x 1,5	32	24	32
TN 121 - 22 L	L	22	160	44	27,5	40	22	30 x 2	36	27	42
TN 121 - 28 L	L	28	100	47	31	43,5	28	36 x 2	41	36	60
TN 121 - 35 L	L	35	100	56	34,5	54,5	35	45 x 2	50	41	86
TN 121 - 42 L	L	42	100	63	40	62	42	52 x 2	60	50	110
TN 121 - 6 S	S	6	630	31	16	28,5	6	14 x 1,5	17	12	7,5
TN 121 - 8 S	S	8	630	32	17	28,5	8	16 x 1,5	19	14	11
TN 121 - 10 S	S	10	630	34	17,5	30,5	10	18 x 1,5	22	17	16
TN 121 - 12 S	S	12	630	38	21,5	32	12	20 x 1,5	24	17	19
TN 121 - 14 S	S	14	630	40	22	35,5	14	22 x 1,5	27	19	25
TN 121 - 16 S	S	16	400	43	24,5	37,5	16	24 x 1,5	30	24	34
TN 121 - 20 S	S	20	400	48	26,5	45	20	30 x 2	36	27	50
TN 121 - 25 S	S	25	400	54	30	51	25	36 x 2	46	36	97
TN 121 - 30 S	S	30	250	62	35,5	57	30	42 x 2	50	41	124
TN 121 - 38 S	S	38	250	72	41	64,5	38	52 x 2	60	50	190

Le dimensioni di ingombro si intendono a raccordo chiuso

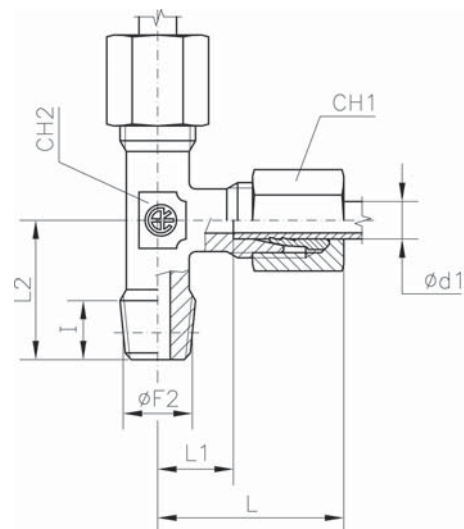
TN 127

Raccordo di estremità a L

Filettatura: GAS CONICA

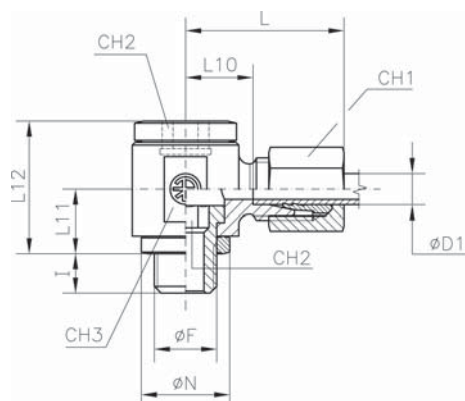
Disponibili su richiesta anche con filetti METRICI E NPT

Disponibili anche in acciaio INOX AISI 316L



Codice	Ø F2	Serie	Ø Tubo d1	P.N.	I	L	L1	L2	CH1	CH2	Peso Kg x 100 P.
TN 127 - 4 LLR	1/8"	LL	4	100	8	21	11	12	10	7	3
TN 127 - 5 LLR	1/8"	LL	5	100	8	21	9,5	12	12	9	3
TN 127 - 6 LLR	1/8"	LL	6	100	8	21	9,5	12	12	9	3
TN 127 - 8 LLR	1/8"	LL	8	100	8	23	11,5	15	14	12	4
TN 127 - 10 LLR	1/4"	LL	10	100	12	27	17	18	17	14	6,6
TN 127 - 12 LLR	1/4"	LL	12	100	12	27	17	19	19	17	8,7
TN 127 - 6 LR	1/8"	L	6	250	8	27	12	15	14	12	5,5
TN 127 - 8 LR	1/4"	L	8	250	12	29	14	18	17	12	7,5
TN 127 - 10 LR	1/4"	L	10	250	12	30	15	19	19	14	11
TN 127 - 12 LR	3/8"	L	12	250	12	32	17	20	22	17	13
TN 127 - 15 LR	1/2"	L	15	250	14	36	21	24	27	19	22
TN 127 - 18 LR	1/2"	L	18	160	14	40	23,5	26,5	32	24	32
TN 127 - 6 SR	1/4"	S	6	630	12	31	16	18	17	12	10
TN 127 - 8 SR	1/4"	S	8	630	12	32	17	19	19	14	12
TN 127 - 10 SR	3/8"	S	10	630	12	34	17,5	20	22	17	16
TN 127 - 12 SR	3/8"	S	12	630	12	38	21,5	20	24	17	20
TN 127 - 14 SR	1/2"	S	14	630	14	40	22	22,5	27	19	25
TN 127 - 16 SR	1/2"	S	16	400	14	43	24,5	22,5	30	24	32

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 130 R

Raccordo orientabile senza strozzatura

Filettatura: GAS CILINDRICA

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø Tubo d1	P.N.	Ø F	Ø N	I	L	L10	L11	L12	CH1	CH2	CH3	Peso Kg x 100 P.
TN 130 - 6 LR	L	6	P.E. 250	1/8"	14	8	27	12,5	12	24	14	6	19	5,9
TN 130 - 8 LR	L	8	P.E. 250	1/4"	18	12	29	14,5	16	30	17	8	22	10,5
TN 130 - 10 LR	L	10	P.E. 250	1/4"	18	12	30	15,5	16	30	19	8	22	11,3
TN 130 - 12 LR	L	12	P.E. 250	3/8"	22	12	33	18	18	37	22	10	27	15
TN 130 - 15 LR	L	15	P.E. 250	1/2"	26	14	37	22	21	42	27	12	32	24,7
TN 130 - 18 LR	L	18	P.E. 100	1/2"	26	14	38	21,5	23	46	32	12	36	26,9
TN 130 - 22 LR	L	22	P.E. 100	3/4"	32	16	45	28,5	28	58	36	17	46	54,6
TN 130 - 28 LR	L	28	P.E. 100	1"	39	18	48	31,5	32	64	41	22	50	83
TN 130 - 35 LR	L	35	P.E. 100	1 1/4"	49	20	57	35,5	37	76	50	27	60	117,3
TN 130 - 42 LR	L	42	P.E. 100	1 1/2"	55	22	63	40	42	85	60	32	70	224,4
TN 130 - 6 SR	S	6	P.E. 400	1/4"	18	12	31	16,5	16	30	17	8	22	10,9
TN 130 - 8 SR	S	8	P.E. 400	1/4"	18	12	31	16,5	16	30	19	8	22	11,4
TN 130 - 10 SR	S	10	P.E. 400	3/8"	22	12	35	18,5	18	37	22	10	27	19
TN 130 - 12 SR	S	12	P.E. 400	3/8"	22	12	35	18,5	18	37	24	10	27	19,6
TN 130 - 14 SR	S	14	P.E. 400	1/2"	26	14	41	23	21	42	27	12	32	29,7
TN 130 - 16 SR	S	16	P.E. 400	1/2"	26	14	41	22,5	23	46	30	12	36	30,7
TN 130 - 20 SR	S	20	P.E. 400	3/4"	32	16	49	27,5	28	58	36	17	46	75,3
TN 130 - 25 SR	S	25	P.E. 250	1"	39	18	55	31	32	64	46	22	50	101,9
TN 130 - 30 SR	S	30	P.E. 250	1 1/4"	49	20	63	36,5	37	76	50	27	60	153
TN 130 - 38 SR	S	38	P.E. 250	1 1/2"	55	22	72	41	42	85	60	32	70	243,2

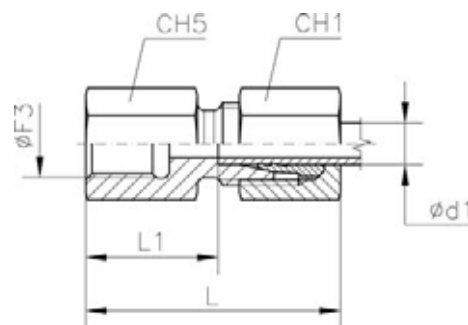
Le dimensioni di ingombro si intendono a raccordo chiuso

TN 147

Raccordo diritto con estremità femmina

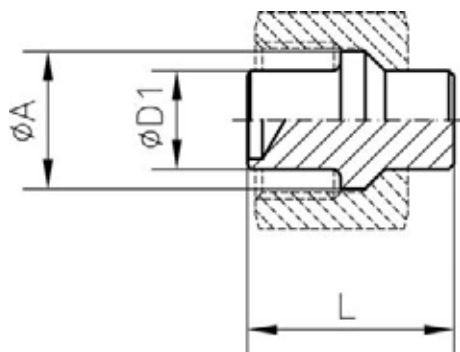
Filettatura: GAS CILINDRICA

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø Tubo d1	P.N.	L	L1	CH1	Ø F3	CH5	Peso Kg X 100 P.
TN 147 - 6 LR	L	6	250	34	19	14	1/8"	14	2,5
TN 147 - 8 LR	L	8	250	39	24	17	1/4"	19	4,5
TN 147 - 10 LR	L	10	250	40	25	19	1/4"	19	5,5
TN 147 - 12 LR	L	12	250	41	26	22	3/8"	24	9
TN 147 - 15 LR	L	15	250	46	31	27	1/2"	27	13
TN 147 - 18 LR	L	18	160	47	30,5	32	1/2"	27	15
TN 147 - 22 LR	L	22	160	52	35,5	36	3/4"	36	25,5
TN 147 - 28 LR	L	28	100	54	38	41	1"	41	30
TN 147 - 35 LR	L	35	100	62	41	50	1 1/4"	55	42
TN 147 - 42 LR	L	42	100	65	42,5	60	1 1/2"	60	60,5
TN 147 - 6 SR	S	6	630	41	26	17	1/4"	19	6
TN 147 - 8 SR	S	8	630	41	26	19	1/4"	19	6,5
TN 147 - 10 SR	S	10	630	43	26,5	22	3/8"	24	9
TN 147 - 12 SR	S	12	630	43	26,5	24	3/8"	24	10,5
TN 147 - 14 SR	S	14	630	50	32	27	1/2"	30	13
TN 147 - 16 SR	S	16	400	50	31,5	30	1/2"	30	16
TN 147 - 20 SR	S	20	400	56	34,5	36	3/4"	36	26
TN 147 - 25 SR	S	25	400	61	37,5	46	1"	41	40
TN 147 - 30 SR	S	30	250	63	42	50	1 1/4"	55	72
TN 147 - 38 SR	S	38	250	74	43,5	60	1 1/2"	60	85

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 324

Tappo di chiusura tubico TN 87

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø Tubo d1	P.N.	Ø D1	L	Ø A	Peso Kg X 100 P.
TN 324 - 6 LS	L	6	250	6	19,5	10	0,5
TN 324 - 8 LS	L	8	250	8	19,5	12	0,8
TN 324 - 10 LS	L	10	250	10	21	14	1,3
TN 324 - 12 LS	L	12	250	12	22	16	2,1
TN 324 - 15 L	L	15	250	15	22	19	3,1
TN 324 - 18 L	L	18	160	18	24	22	4,5
TN 324 - 22 L	L	22	160	22	26	27	7,1
TN 324 - 28 L	L	28	100	28	26,5	33	11,9
TN 324 - 35 L	L	35	100	35	32	41	22,2
TN 324 - 42 L	L	42	100	42	32,5	48	32
TN 324 - 6 LS	S	6	630	6	19,5	10	0,5
TN 324 - 8 LS	S	8	630	8	19,5	12	0,8
TN 324 - 10 LS	S	10	630	10	21	14	1,3
TN 324 - 12 S	S	12	630	12	22	16	2,1
TN 324 - 14 S	S	14	630	14	23,5	18	2,9
TN 324 - 16 S	S	16	400	16	25,5	20	4,1
TN 324 - 20 S	S	20	400	20	30,5	25	7,2
TN 324 - 25 S	S	25	250	25	32,5	30	11,9
TN 324 - 30 S	S	30	250	30	35,5	36	18,7
TN 324 - 38 S	S	38	250	38	40	44	33

Le dimensioni di ingombro si intendono a raccordo chiuso

TN 126 R - TN 126 A-R

Raccordo diritto per combinazioni

Filettatura: GAS CILINDRICA

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø Tubo d1	P.N.	L	Ø F	Ø D	I	Ø N	Ø F1	CH1	CH2	Peso Kg x 100 P.	
												Non serrato	Serrato
TN 126 - 6 LR	L	6	250	32,5	1/8"	6	8	14	12 x 1,5	14	14	1,5	2,5
TN 126 - 8 LR	L	8	250	41	1/4"	8	12	18	14 x 1,5	17	19	2,5	3,9
TN 126 - 10 LR	L	10	250	39,5	1/4"	10	12	18	16 x 1,5	19	19	2,7	4,9
TN 126 - 12 LR	L	12	250	46	3/8"	12	12	22	18 x 1,5	22	22	3,7	6,4
TN 126 - 15 LR	L	15	250	46	1/2"	15	14	26	22 x 1,5	27	27	7,2	11,5
TN 126 - 18 LR	L	18	160	46	1/2"	18	14	26	26 x 1,5	32	27	7,5	13,8
TN 126 - 22 LR	L	22	160	48	3/4"	22	16	32	30 x 2	36	32	9	17,5
TN 126 - 28 LR	L	28	100	52,5	1"	28	18	39	36 x 2	41	41	15,7	24,8
TN 126 - 35 LR	L	35	100	60,5	1 1/4"	35	20	49	45 x 2	50	50	26	40,7
TN 126 - 42 LR	L	42	100	66	1 1/2"	42	22	55	52 x 2	60	55	29,3	52,7
TN 126 - 6 SR	S	6	630	39	1/4"	6	12	18	14 x 1,5	17	19	3,5	5
TN 126 - 8 SR	S	8	630	41	1/4"	8	12	18	16 x 1,5	19	19	3,7	5,5
TN 126 - 10 SR	S	10	630	43,5	3/8"	10	12	22	18 x 1,5	22	22	4,9	8,2
TN 126 - 12 SR	S	12	630	46	3/8"	12	12	22	20 x 1,5	24	22	5,6	9,5
TN 126 - 14 SR	S	14	630	50,5	1/2"	14	14	26	22 x 1,5	27	27	9	14,5
TN 126 - 16 SR	S	16	400	50,5	1/2"	16	14	26	24 x 1,5	30	27	9,4	15,8
TN 126 - 20 SR	S	20	400	59	3/4"	20	16	32	30 x 2	36	36	15	25,3
TN 126 - 25 SR	S	25	400	66	1"	25	18	39	36 x 2	46	32	26	46,5
TN 126 - 30 SR	S	30	250	71	1 1/4"	30	20	49	42 x 2	50	50	41,4	64,5
TN 126 - 38 SR	S	38	250	80	1 1/2"	38	22	55	52 x 2	60	55	56	89

TN 131 R

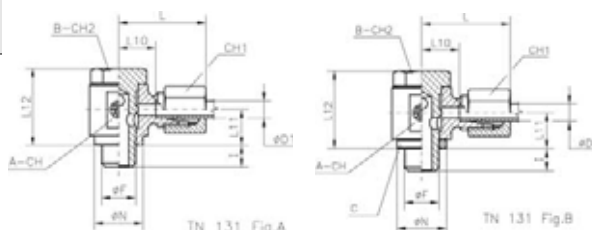
Raccordo orientabile

Filettatura: GAS CILINDRICA

- Fino al tubo 15 L vengono forniti come figura sopraindicata (senza anello - Fig. A)

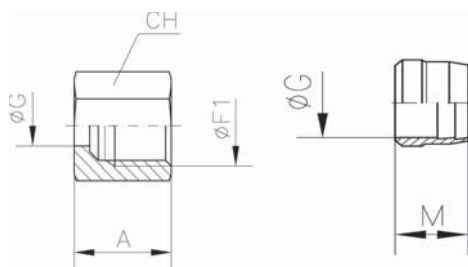
- Dal tubo 16 S vengono forniti come figura sopraindicata (con anello - Fig. B)

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø Tubo d1	P.N.	CH	CH1	CH2	I	Ø F	Ø N	L	L10	L11	L12	Peso Kg x 100 P.
TN 131 - 4 LLR	LL	4	P.E. 100	14	10	14	6	1/8"	14,5	20	13	10	21,5	3
TN 131 - 5 LLR	LL	5	P.E. 100	14	12	14	6	1/8"	14,5	20	11,5	10	21,5	3,3
TN 131 - 6 LLR	LL	6	P.E. 100	14	12	14	6	1/8"	14,5	20	11,5	10	21,5	3,4
TN 131 - 8 LLR	LL	8	P.E. 100	14	14	14	6	1/8"	14,5	21	12,5	10	21,5	3,7
TN 131 - 6 LR	L	6	P.E. 250	14	14	14	6	1/8"	14,5	26	11	10	21,5	4,2
TN 131 - 8 LR	L	8	P.E. 250	19	17	19	9	1/4"	18,5	28	14	13	27,5	7,8
TN 131 - 10 LR	L	10	P.E. 250	19	19	19	9	1/4"	18,5	29	13,5	13	27,5	8,5
TN 131 - 12 LR	L	12	P.E. 250	22	22	22	9	3/8"	22,5	30	16	16	34	14,5
TN 131 - 15 LR	L	15	P.E. 250	30	27	27	11	1/2"	26,5	34	19,5	22	45	19,5
TN 131 - 18 LR	L	18	P.E. 160	30	32	27	11	1/2"	26	36	19,5	21	44	21
TN 131 - 22 LR	L	22	P.E. 160	36	36	32	13	3/4"	32	42	25,5	23	48	39
TN 131 - 6 SR	S	6	P.E. 250	19	17	19	9	1/4"	18,5	30	14,5	13	27,5	8
TN 131 - 8 SR	S	8	P.E. 250	19	19	19	9	1/4"	18,5	30	14,5	13	27,5	9,7
TN 131 - 10 SR	S	10	P.E. 250	22	22	22	9	3/8"	22,5	33	15,5	16	34	12,5
TN 131 - 12 SR	S	12	P.E. 250	22	24	22	9	3/8"	22,5	33	15,5	16	34	14,5
TN 131 - 14 SR	S	14	P.E. 250	30	27	27	11	1/2"	26,5	38	19,5	22	45	21,6
TN 131 - 16 SR	S	16	P.E. 160	30	30	27	11	1/2"	26	39	19	21	44	28
TN 131 - 20 SR	S	20	P.E. 160	36	36	32	13	3/4"	32	45	22,5	23	48	43

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 81

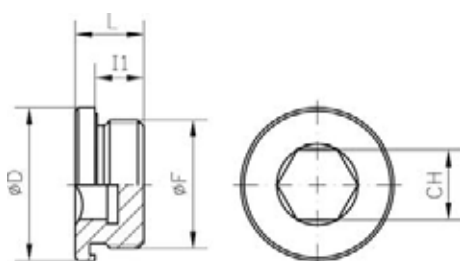
TN 88

TN 81 - TN 88

Dado ed anello di serraggio

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø Tubo d1	P.N.	Ø F1	Ø G	A	M	CH	Peso Kg x 100 P.	Codice Anello	Peso Kg x 100 P.
TN 81 - 4 LL	LL	4	100	8 x 1	4	11	6	10	0,4	TN 88 - 4 LL	0,05
TN 81 - 5 LL	LL	5	100	10 x 1	5	11,5	7	12	0,5	TN 88 - 5 LL	0,07
TN 81 - 6 LL	LL	6	100	10 x 1	6	11,5	7	12	0,5	TN 88 - 6 LL	0,09
TN 81 - 8 LL	LL	8	100	12 x 1	8	12	7	14	0,7	TN 88 - 8 LL	0,11
TN 81 - 10 LL	LL	10	100	14 x 1	10	12,5	7	17	1,2	TN 88 - 10 LL	0,14
TN 81 - 12 LL	LL	12	100	16 x 1	12	13	7,5	19	1,5	TN 88 - 12 LL	0,16
TN 81 - 6 L	L	6	250	12 x 1,5	6	14,5	9,5	14	0,9	TN 88 - 6 L	0,13
TN 81 - 8 L	L	8	250	14 x 1,5	8	14,5	9,5	17	1,2	TN 88 - 8 L	0,19
TN 81 - 10 L	L	10	250	16 x 1,5	10	15,5	10	19	2,1	TN 88 - 10 L	0,24
TN 81 - 12 L	L	12	250	18 x 1,5	12	15,5	10	22	2,4	TN 88 - 12 L	0,31
TN 81 - 15 L	L	15	250	22 x 1,5	15	17	10	27	3,9	TN 88 - 15 L	0,41
TN 81 - 18 L	L	18	160	26 x 1,5	18	18	9,5	32	5,9	TN 88 - 18 L	0,46
TN 81 - 22 L	L	22	160	30 x 2	22	20	11	36	7,9	TN 88 - 22 L	0,6
TN 81 - 28 L	L	28	100	36 x 2	28	21	12	41	8,4	TN 88 - 28 L	0,75
TN 81 - 35 L	L	35	100	45 x 2	35	24	12,5	50	12,9	TN 88 - 35 L	1,6
TN 81 - 42 L	L	42	100	52 x 2	42	24	13	60	20,9	TN 88 - 42 L	2,1
TN 81 - 6 S	S	6	630	14 x 1,5	6	16,5	8,5	17	1,4	TN 88 - 6 S	0,13
TN 81 - 8 S	S	8	630	16 x 1,5	8	16,5	9,5	19	1,6	TN 88 - 8 S	0,19
TN 81 - 10 S	S	10	630	18 x 1,5	10	17,5	10	22	3,1	TN 88 - 10 S	0,24
TN 81 - 12 S	S	12	630	20 x 1,5	12	17,5	10	24	3,6	TN 88 - 12 S	0,31
TN 81 - 14 S	S	14	630	22 x 1,5	14	20,5	10	27	5,1	TN 88 - 14 S	0,36
TN 81 - 16 S	S	16	400	24 x 1,5	16	20,5	10,5	30	6,1	TN 88 - 16 S	0,41
TN 81 - 20 S	S	20	400	30 x 2	20	24	12,5	36	9,4	TN 88 - 20 S	0,85
TN 81 - 25 S	S	25	400	36 x 2	25	27	12,5	46	19,5	TN 88 - 25 S	1,06
TN 81 - 30 S	S	30	250	42 x 2	30	29	13	50	21,5	TN 88 - 30 S	1,6
TN 81 - 38 S	S	38	250	52 x 2	38	32,5	14	60	31	TN 88 - 38 S	2



TN 185

Tappi cilindrici con esagono incassato

Filettatura: GAS CILINDRICA

Disponibili su richiesta anche con filetti METRICI

Disponibili anche in acciaio INOX AISI 316L

Perno filettato forma A

Codice	Ø F	Ø D	l1	L	CH
TN 185 - 1/8" R	1/8"	14	8	11	5
TN 185 - 1/4" R	1/4"	18	12	15	6
TN 185 - 3/8" R	3/8"	22	12	15	8
TN 185 - 1/2" R	1/2"	26	14	18	10
TN 185 - 3/4" R	3/4"	32	16	20	12
TN 185 - 1" R	1"	39	16	21	17
TN 185 - 1 1/4" R	1 1/4"	49	16	21	22
TN 185 - 1 1/2" R	1 1/2"	55	16	21	24

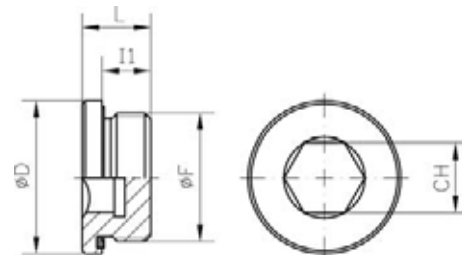
TN 185 GG

Tappi cilindrici con esagono incassato e guarnizione in gomma

Filettatura: GAS CILINDRICA

Disponibili su richiesta anche con filetti METRICI

Disponibili anche in acciaio INOX AISI 316L

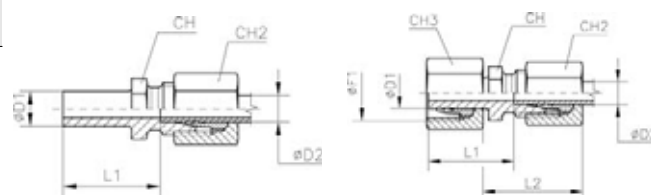


Codice	Ø F	Ø D	I1	L	CH
TN 185 GG - 1/8" R	1/8"	14	8	12	5
TN 185 GG - 1/4" R	1/4"	19	12	17	6
TN 185 GG - 3/8" R	3/8"	22	12	17	8
TN 185 GG - 1/2" R	1/2"	27	14	19	10
TN 185 GG - 3/4" R	3/4"	32	16	21	12
TN 185 GG - 1" R	1"	40	16	22,5	17
TN 185 GG - 1 1/4" R	1 1/4"	50	16	22,5	22
TN 185 GG - 1 1/2" R	1 1/2"	55	16	22,5	24

TN 132 L

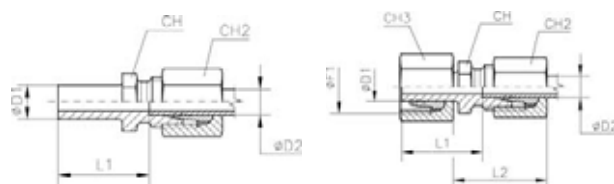
Raccordo di riduzione semplice

Disponibili anche in acciaio INOX AISI 316L



Codice	Serie	Ø D1	Ø D2	P.N.	L1	L2	CH2	CH3	Ø F1	CH	Peso Kg x 100 P.	
											Non Serrato	Serrato
TN 132 - 8/6 L	L	8	6	250	29,5	30	14	17	14 x 1,5	14	2,7	4,1
TN 132 - 10/6 L	L	10	6	250	29,5	30	14	19	16 x 1,5	14	2,5	4,8
TN 132 - 10/8 L	L	10	8	250	29,5	30	17	19	16 x 1,5	17	3	5,3
TN 132 - 12/6 L	L	12	6	250	29,5	30	14	22	18 x 1,5	14	3,3	6
TN 132 - 12/8 L	L	12	8	250	29,5	30	17	22	18 x 1,5	17	3,7	6,4
TN 132 - 12/10 L	L	12	10	250	30,5	31	19	22	18 x 1,5	17	4,3	7
TN 132 - 15/6 L	L	15	6	250	29,5	29	14	27	22 x 1,5	17	4	8,3
TN 132 - 15/8 L	L	15	8	250	29,5	29	17	27	22 x 1,5	17	4,8	9,1
TN 132 - 15/10 L	L	15	10	250	30,5	30	19	27	22 x 1,5	17	5,2	9,5
TN 132 - 15/12 L	L	15	12	250	30,5	30	22	27	22 x 1,5	19	5,9	10,2
TN 132 - 18/6 L	L	18	6	160	30,5	29	14	32	26 x 1,5	19	4,7	11
TN 132 - 18/8 L	L	18	8	160	30,5	29	17	32	26 x 1,5	19	5	11,3
TN 132 - 18/10 L	L	18	10	160	31,5	30	19	32	26 x 1,5	19	5,7	12
TN 132 - 18/12 L	L	18	12	160	31,5	30	22	32	26 x 1,5	19	6,4	12,7
TN 132 - 18/15 L	L	18	15	160	32,5	32	27	32	26 x 1,5	24	8,8	15,1
TN 132 - 22/6 L	L	22	6	160	33,5	32	14	36	30 x 2	24	5,8	14,3
TN 132 - 22/8 L	L	22	8	160	33,5	32	17	36	30 x 2	24	6,6	15,1
TN 132 - 22/10 L	L	22	10	160	34,5	33	19	36	30 x 2	24	6,8	15,3
TN 132 - 22/12 L	L	22	12	160	34,5	33	22	36	30 x 2	24	7,7	16,2
TN 132 - 22/15 L	L	22	15	160	35,5	35	27	36	30 x 2	24	9,7	18,2
TN 132 - 22/18 L	L	22	18	160	35	35	32	36	30 x 2	27	11,5	20
TN 132 - 28/6 L	L	28	6	100	34,5	33	14	41	36 x 2	32	9,6	18,7
TN 132 - 28/8 L	L	28	8	100	34,5	33	17	41	36 x 2	32	10,4	19,5
TN 132 - 28/10 L	L	28	10	100	35,5	34	19	41	36 x 2	32	11,1	20,2
TN 132 - 28/12 L	L	28	12	100	35,5	34	22	41	36 x 2	32	11,6	20,7
TN 132 - 28/15 L	L	28	15	100	36,5	35	27	41	36 x 2	32	13,6	22,7
TN 132 - 28/18 L	L	28	18	100	36	36	32	41	36 x 2	32	15,6	24,7
TN 132 - 28/22 L	L	28	22	100	38	38	36	41	36 x 2	32	17,9	27
TN 132 - 35/6 L	L	35	6	100	40,5	34	14	50	45 x 2	36	16,5	31
TN 132 - 35/8 L	L	35	8	100	40,5	34	17	50	45 x 2	36	16,9	31,4
TN 132 - 35/10 L	L	35	10	100	41,5	35	19	50	45 x 2	36	17,7	32,2
TN 132 - 35/12 L	L	35	12	100	41,5	35	22	50	45 x 2	36	17,7	32,2
TN 132 - 35/15 L	L	35	15	100	42,5	36	27	50	45 x 2	36	20,5	35
TN 132 - 35/18 L	L	35	18	100	42	37	32	50	45 x 2	36	21,9	36,4
TN 132 - 35/22 L	L	35	22	100	44	39	36	50	45 x 2	36	23,5	38
TN 132 - 35/28 L	L	35	28	100	44	39	41	50	45 x 2	41	25,2	39,7
TN 132 - 42/6 L	L	42	6	100	42,5	35	14	60	52 x 2	46	21,2	44,2
TN 132 - 42/8 L	L	42	8	100	42,5	35	17	60	52 x 2	46	22,2	45,2
TN 132 - 42/10 L	L	42	10	100	43,5	36	19	60	52 x 2	46	22,2	45,2
TN 132 - 42/12 L	L	42	12	100	42,5	36	22	60	52 x 2	46	23,1	46,1
TN 132 - 42/15 L	L	42	15	100	44,5	37	27	60	52 x 2	46	24,2	47,2
TN 132 - 42/18 L	L	42	18	100	44	38	32	60	52 x 2	46	26,1	49,1
TN 132 - 42/22 L	L	42	22	100	46	40	36	60	52 x 2	46	28,2	51,2
TN 132 - 42/28 L	L	42	28	100	46	40	41	60	52 x 2	46	30,2	53,2
TN 132 - 42/35 L	L	42	35	100	45	44	50	60	52 x 2	46	35,5	58,5

Le dimensioni di ingombro si intendono a raccordo chiuso



TN 132 S

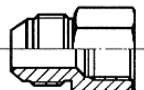
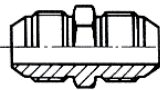
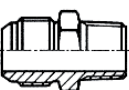
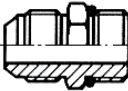
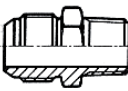
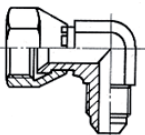
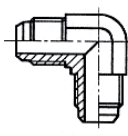
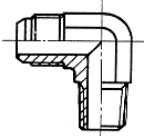
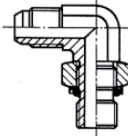
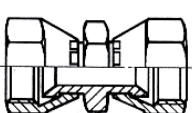
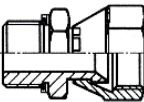
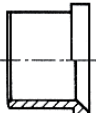
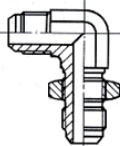
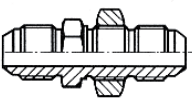
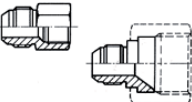
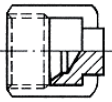
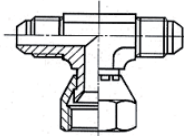
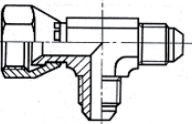
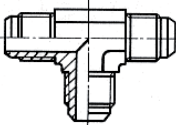
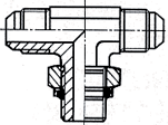
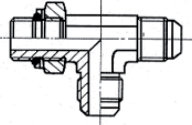
Raccordo di riduzione semplice

Disponibili anche in acciaio INOX AISI 316L

Codice	Serie	Ø D1	Ø D2	P.N.	L1	L2	CH2	CH3	Ø F1	CH	Peso Kg x 100 P.	
											Non Serrato	Serrato
TN 132 - 8/6 S	S	8	6	630	31	31	17	19	16 x 1,5	17	4,8	6,6
TN 132 - 10/6 S	S	10	6	630	32	31	17	22	18 x 1,5	17	3,8	7,1
TN 132 - 10/8 S	S	10	8	630	32	31	19	22	18 x 1,5	17	4,4	7,7
TN 132 - 12/6 S	S	12	6	630	33	32	17	24	20 x 1,5	17	4,3	8,2
TN 132 - 12/8 S	S	12	8	630	33	32	19	24	20 x 1,5	17	4,8	8,7
TN 132 - 12/10 S	S	12	10	630	32,5	33	22	24	20 x 1,5	19	6,2	10,1
TN 132 - 14/6 S	S	14	6	630	37	34	17	27	22 x 1,5	17	5,2	10,6
TN 132 - 14/8 S	S	14	8	630	37	34	19	27	22 x 1,5	17	5,7	11,1
TN 132 - 14/10 S	S	14	10	630	36,5	35	22	27	22 x 1,5	19	6,9	12,3
TN 132 - 14/12 S	S	14	12	630	36,5	35	24	27	22 x 1,5	22	7,4	12,8
TN 132 - 16/6 S	S	16	6	400	37	34	17	30	24 x 1,5	17	5,8	12,3
TN 132 - 16/8 S	S	16	8	400	37	34	19	30	24 x 1,5	17	6,3	12,8
TN 132 - 16/10 S	S	16	10	400	36,5	35	22	30	24 x 1,5	19	7,7	14,2
TN 132 - 16/12 S	S	16	12	400	36,5	35	24	30	24 x 1,5	22	8,2	14,7
TN 132 - 16/14 S	S	16	14	400	38	38	27	30	24 x 1,5	24	9,8	16,3
TN 132 - 20/6 S	S	20	6	400	43	36	17	36	30 x 2	22	7,9	18,1
TN 132 - 20/8 S	S	20	8	400	43	36	19	36	30 x 2	22	8,4	18,6
TN 132 - 20/10 S	S	20	10	400	42,5	37	22	36	30 x 2	22	9,5	19,7
TN 132 - 20/12 S	S	20	12	400	42,5	37	24	36	30 x 2	22	10,4	20,6
TN 132 - 20/14 S	S	20	14	400	44	40	27	36	30 x 2	24	12,5	22,7
TN 132 - 20/16 S	S	20	16	400	43,5	40	30	36	30 x 2	27	13,9	24,1
TN 132 - 25/6 S	S	25	6	400	47	38	17	46	36 x 2	27	11	31,5
TN 132 - 25/8 S	S	25	8	400	47	38	19	46	36 x 2	27	11,6	32,1
TN 132 - 25/10 S	S	25	10	400	46,5	39	22	46	36 x 2	27	11,7	33,2
TN 132 - 25/12 S	S	25	12	400	46,5	39	24	46	36 x 2	27	13,3	33,8
TN 132 - 25/14 S	S	25	14	400	48	42	27	46	36 x 2	27	15,7	36,2
TN 132 - 25/16 S	S	25	16	400	47,5	42	30	46	36 x 2	27	16,5	37
TN 132 - 25/20 S	S	25	20	400	47,5	45	36	46	36 x 2	32	20,5	41
TN 132 - 30/6 S	S	30	6	250	49	37	17	50	42 x 2	32	14,9	38
TN 132 - 30/8 S	S	30	8	250	49	37	19	50	42 x 2	32	15,9	39
TN 132 - 30/10 S	S	30	10	250	48,5	38	22	50	42 x 2	32	16,9	40
TN 132 - 30/12 S	S	30	12	250	48,5	38	24	50	42 x 2	32	17,5	40,6
TN 132 - 30/14 S	S	30	14	250	50	41	27	50	42 x 2	32	19,4	42,5
TN 132 - 30/16 S	S	30	16	250	49,5	41	30	50	42 x 2	32	20,5	43,6
TN 132 - 30/20 S	S	30	20	250	49,5	45	36	50	42 x 2	32	24,7	47,8
TN 132 - 30/25 S	S	30	25	250	50	48	46	50	42 x 2	41	36,5	59,3
TN 132 - 38/6 S	S	38	6	250	54	38	17	60	52 x 2	41	22,7	55,7
TN 132 - 38/8 S	S	38	8	250	54	38	19	60	52 x 2	41	22,9	55,9
TN 132 - 38/10 S	S	38	10	250	53,5	39	22	60	52 x 2	41	24,8	57,8
TN 132 - 38/12 S	S	38	12	250	53,5	39	24	60	52 x 2	41	25,3	58,3
TN 132 - 38/14 S	S	38	14	250	55	42	27	60	52 x 2	41	27,3	60,3
TN 132 - 38/16 S	S	38	16	250	54,5	42	30	60	52 x 2	41	28,6	61,6
TN 132 - 38/20 S	S	38	20	250	54,5	46	36	60	52 x 2	41	32,5	65,5
TN 132 - 38/25 S	S	38	25	250	55	49	46	60	52 x 2	41	44,2	77,2
TN 132 - 38/30 S	S	38	30	250	55,5	52	50	60	52 x 2	46	47,7	80,3

Le dimensioni di ingombro si intendono a raccordo chiuso

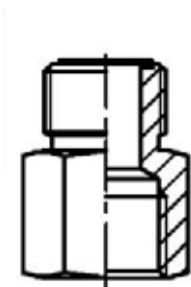
Raccordi J.I.C.

DFJ-G	DJ	DMJ	DMJ-C
			
*	*	*	*
DMJ-G	DMJ-M	DMJ-NPT	GMFJ
			
*	*	*	*
GMJ	GMJ-C	GMJ-GO	NFFJ
			
*	*	*	*
NMFJ-G	OJ	PPGJ	PPJ
			
*	*	*	*
RMFJ	TFJ	TMFJ-GC	TMFJ-GL
			
*	*	*	*
TMJ	TMMJ	TMMJ-OCG	TMMJ-OLG
			
*	*	*	*

* Fornibile su richiesta del cliente

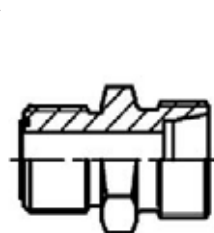
Raccordi O.R.F.S.

DFO-G



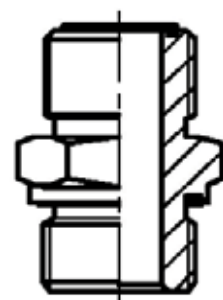
*

DMO-D



*

DMO-G



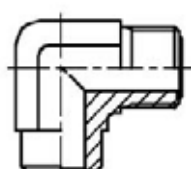
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DMO-J



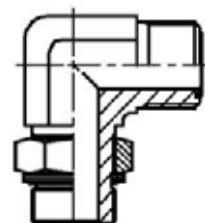
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GMO-G



*

GMO-GO



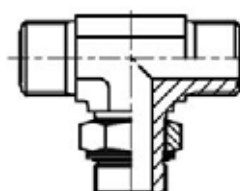
*

PRO



*

TMO-GO



*

* Fornibile su richiesta del cliente

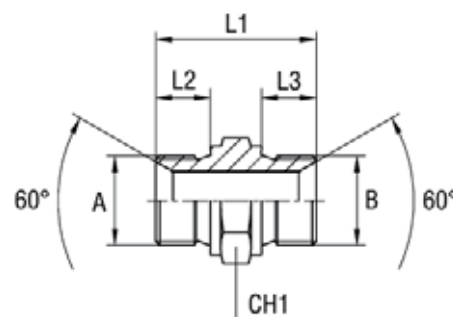
Adattatori

Adattatori dritti e di riduzione	pag 1.4.1
Adattatori a gomito	pag 1.4.4
Adattatori a TEE e croci	pag 1.4.7
Adattatori Curvi	pag 1.4.11
Tappi, occhi e viti	pag 1.4.12
Rondelle	pag 1.4.15
Adattatori per grandi dimensioni	pag 1.4.16

NPC

Nipplo diritto Sv. 60° Maschio
Filettatura Gas Cilindrica
Disponibili anche con filetti METRICI

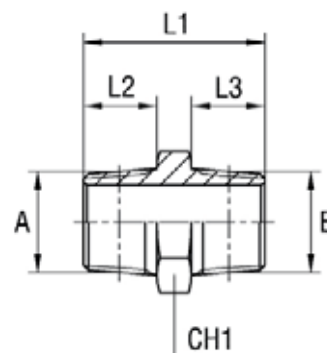
Codice	Filetto A - B (pollici)	Dimensioni (mm)L1	Dimensioni (mm)		
			L2	L3	CH1
NPC 1/8"	1/8"	24	8	8	14
NPC 1/4"	1/4"	32	11	11	19
NPC 3/8"	3/8"	35	12	12	22
NPC 1/2"	1/2"	41	14	14	27
NPC 3/4"	3/4"	47	16	16	32
NPC 1"	1"	54	19	19	41
NPC 1 1/4"	1 1/4"	58	20	20	50
NPC 1 1/2"	1 1/2"	66	23	23	55
NPC 2"	2"	74	25	25	70

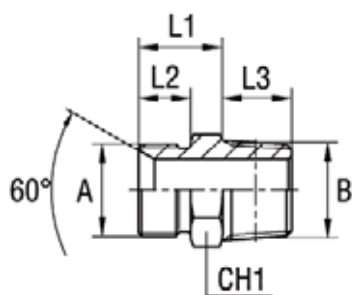


NKK

Nipplo diritto Maschio
Filettatura Gas Conica

Codice	Filetto A - B (pollici)	Dimensioni (mm)L1	Dimensioni (mm)L2	Dimensioni (mm)L3	Dimensioni (mm)CH1
NKK 1/8"	1/8"	25	10	10	12
NKK 1/4"	1/4"	35	14,5	14,5	14
NKK 3/8"	3/8"	35	14,5	14,5	17
NKK 1/2"	1/2"	45	19	19	22
NKK 3/4"	3/4"	47	19	19	27
NKK 1"	1"	58	24	24	36
NKK 1 1/4"	1 1/4"	62	25	25	46
NKK 1 1/2"	1 1/2"	66	26	26	50
NKK 2"	2"	69	26	26	65

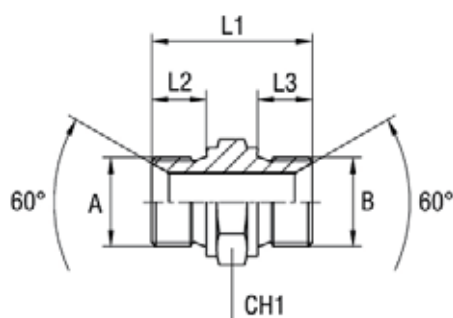




NKC

Nipplo diritto di Estremità Sv. 60° Maschio
Filettatura Gas Conica - Gas Cilindrica

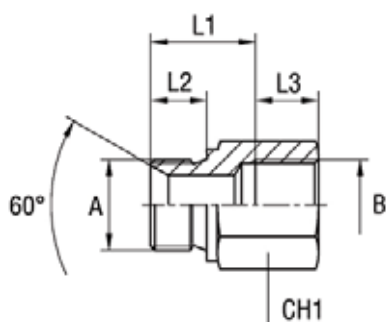
Codice	Filetto		Dimensioni (mm)			
	A	B	L1	L2	L3	CH1
NKC 1/8"	1/8"	1/8"	13	8	10	12
NKC 1/4"	1/4"	1/4"	17	11	14,5	14
NKC 3/8"	3/8"	3/8"	18	12	14,5	17
NKC 1/2"	1/2"	1/2"	21	14	19	22
NKC 3/4"	3/4"	3/4"	25	16	19	27
NKC 1"	1"	1"	29	19	24	36
NKC 1 1/4"	1 1/4"	1 1/4"	32	20	25	46
NKC 1 1/2"	1 1/2"	1 1/2"	37	23	26	50
NKC 2"	2"	2"	42	25	26	65



NRC

Nipplo di Riduzione Sv. 60° Maschio
Filettatura Gas Cilindrica
Disponibili anche con filetti METRICI

Codice	Filetto		Dimensioni (mm)			
	A	B	L1	L2	L3	CH1
NRC 1/4" - 1/8"	1/8"	1/4"	28,5	8	11	19
NRC 3/8" - 1/8"	1/8"	3/8"	30	8	12	22
NRC 3/8" - 1/4"	1/4"	3/8"	33,5	11	12	22
NRC 1/2" - 1/4"	1/4"	1/2"	37	11	14	27
NRC 1/2" - 3/8"	1/4"	3/4"	38,5	12	14	27
NRC 3/4" - 1/4"	3/8"	1/2"	41	11	16	32
NRC 3/4" - 3/8"	3/8"	3/4"	42,5	12	16	32
NRC 3/4" - 1/2"	1/2"	3/4"	45	14	16	32
NRC 1" - 1/2"	1/2"	1"	49	14	19	41
NRC 1" - 3/4"	3/4"	1"	51	16	19	41
NRC 1 1/4" - 3/4"	3/4"	1 1/4"	54	16	20	50
NRC 1 1/4" - 1"	1"	1 1/4"	57	19	20	50
NRC 1 1/2" - 1"	1"	1 1/2"	62	19	23	55
NRC 1 1/2" - 1 1/4"	1 1/4"	1 1/2"	63	20	23	55
NRC 2" - 1 1/4"	1 1/4"	2"	68,5	20	25	70
NRC 2" - 1 1/2"	1 1/2"	2"	71,5	23	25	70



PMF

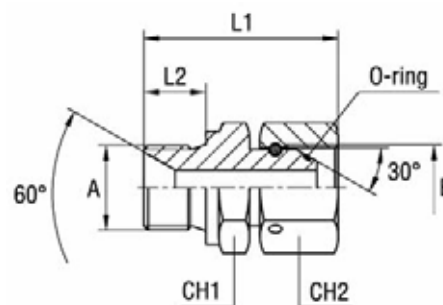
Prolunga Sv. 60° Maschio - Femmina
Filettatura Gas Cilindrica

Codice	Filetto		Dimensioni (mm)			
	A	B	L1	L2	L3	CH1
PMF 1/8" x 20	1/8"	1/8"	28	8	10	14
PMF 1/4" x 20	1/4"	1/4"	18	11	14	19
PMF 1/4" x 35	1/4"	1/4"	27	11	14	19
PMF 1/4" x 50	1/4"	1/4"	40	11	14	19
PMF 3/8" x 20	3/8"	3/8"	18	12	14	22
PMF 3/8" x 35	3/8"	3/8"	31	12	14	22
PMF 3/8" x 50	3/8"	3/8"	36	12	14	22
PMF 1/2" x 25	1/2"	1/2"	20	14	17	27
PMF 1/2" x 35	1/2"	1/2"	23	14	17	27
PMF 1/2" x 50	1/2"	1/2"	33	14	17	27
PMF 1/2" x 80	1/2"	1/2"	43	14	17	27
PMF 3/4" x 30	3/4"	3/4"	29	16	19	36
PMF 3/4" x 45	3/4"	3/4"	37	16	19	36
PMF 3/4" x 60	3/4"	3/4"	54	16	19	36
PMF 1" x 40	1"	1"	32,5	19	21,5	41
PMF 1" x 60	1"	1"	62,5	19	21,5	41

NMF

Nipplo Sv. 60° Maschio - Femmina Girevole
Filettatura Gas Cilindrica

Codice	Filetto		Dimensioni (mm)			
	A	B	L1	L2	L3	CH1
NMF 1/4"	1/4" - 19	1/4" - 19	36	11	19	19
NMF 3/8"	3/8" - 19	3/8" - 19	39	12	22	22
NMF 1/2"	1/2" - 14	1/2" - 14	45	14	27	27
NMF 3/4"	3/4" - 14	3/4" - 14	53	16	32	32
NMF 1"	1" - 11	1" - 11	63,5	19	41	41
NMF 1 1/4"	1 1/4" - 11	1 1/4" - 11	67	20	50	50
NMF 1 1/2"	1 1/2" - 11	1 1/2" - 11	77,5	23	55	55
NMF 2"	2" - 11	2" - 11	87	25	70	70



RMF

Riduzione Sv. 60° Maschio Femmina
Filettatura Gas Cilindrica

Codice	Filetto		Dimensioni (mm)			
	A	B	Fig.	L1	L2	CH1
RMF 1/8" - 1/4"	1/8"	1/4"	B	8	23	19
RMF 1/4" - 1/8"	1/4"	1/8"	B	12	16	19
RMF 1/4" - 3/8"	1/4"	3/8"	B	12	24	24
RMF 1/4" - 1/2"	1/4"	1/2"	B	12	28	30
RMF 1/4" - 3/4"	1/4"	3/4"	B	12	31	36
RMF 3/8" - 1/8"	3/8"	1/8"	A	12	10,5	22
RMF 3/8" - 1/4"	3/8"	1/4"	B	12	24	22
RMF 3/8" - 1/2"	3/8"	1/2"	B	12	29	30
RMF 3/8" - 3/4"	3/8"	3/4"	B	12	32	36
RMF 1/2" - 1/8"	1/2"	1/8"	A	14	10	27
RMF 1/2" - 1/4"	1/2"	1/4"	A	14	10	27
RMF 1/2" - 3/8"	1/2"	3/8"	B	14	22	27
RMF 1/2" - 3/4"	1/2"	3/4"	B	14	32	36
RMF 1/2" - 1"	1/2"	1"	B	14	35	41
RMF 3/4" - 1/4"	3/4"	1/4"	A	16	10	32
RMF 3/4" - 3/8"	3/4"	3/8"	A	16	10	32
RMF 3/4" - 1/2"	3/4"	1/2"	B	16	26	32
RMF 3/4" - 1"	3/4"	1"	B	16	35	41
RMF 3/4" - 1 1/2"	3/4"	1 1/2"	B	16	41	60
RMF 1" - 3/8"	1"	3/8"	A	18	11	41
RMF 1" - 1/2"	1"	1/2"	A	18	11	41
RMF 1" - 3/4"	1"	3/4"	B	18	29	41
RMF 1" - 1 1/4"	1"	1 1/4"	B	18	39	55
RMF 1" - 1 1/2"	1"	1 1/2"	B	18	41	60
RMF 1 1/4" - 3/4"	1 1/4"	3/4"	A	20	12	41
RMF 1 1/4" - 1"	1 1/4"	1"	B	20	31	50
RMF 1 1/4" - 1 1/2"	1 1/4"	1 1/2"	B	20	40	60
RMF 1 1/4" - 2"	1 1/4"	2"	B	20	50	70
RMF 1 1/2" - 3/4"	1 1/2"	3/4"	A	22	14	55
RMF 1 1/2" - 1"	1 1/2"	1"	A	22	14	55
RMF 1 1/2" - 1 1/4"	1 1/2"	1 1/4"	B	22	46	50
RMF 1 1/2" - 2"	1 1/2"	2"	B	22	50	55
RMF 2" - 1"	2"	1"	A	24	16	60
RMF 2" - 1 1/4"	2"	1 1/4"	A	24	16	60

FIG. A

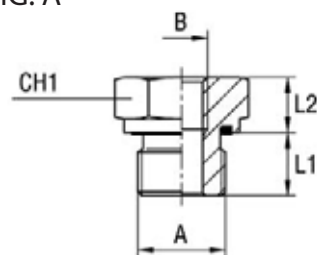
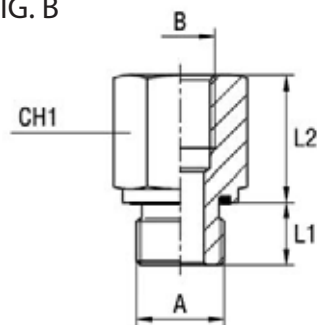
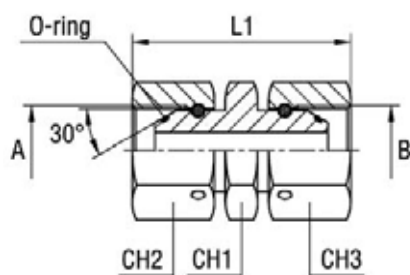


FIG. B

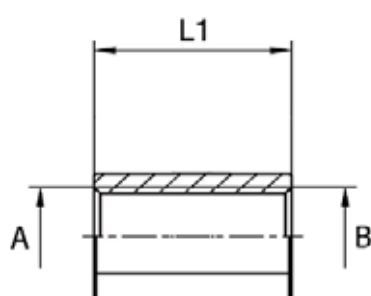




NFF

Nipplo Sv. 60° Femmina Girevole
Filettatura Gas Cilindrica

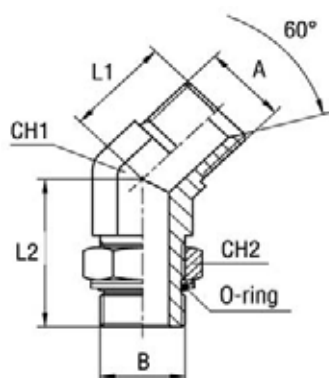
Codice	Filetto	Dimensioni (mm)			
	A - B	L1	CH1	CH2	CH3
NFF 1/8"	1/8"	31,5	14	14	14
NFF 1/4"	1/4"	40,5	19	19	19
NFF 3/8"	3/8"	42,5	22	22	22
NFF 1/2"	1/2"	49,5	27	27	27
NFF 5/8"	5/8"	55	30	30	30
NFF 3/4"	3/4"	59	32	32	32
NFF 1"	1"	73	41	41	41
NFF 1 1/4"	1 1/4"	76	50	50	50
NFF 1 1/2"	1 1/2"	89	55	55	55
NFF 2"	2"	99	70	70	70



PFF

Prolunga Diritta Sv. 60° Femmina
Filettatura Gas Cilindrica

Codice	Filetto		Dimensioni (mm)
	A	B	L1
PFF 1/4" - 35	1/4"	1/4"	35
PFF 3/8" - 35	3/8"	3/8"	35
PFF 3/8" - 45	3/8"	3/8"	45
PFF 1/2" - 45	1/2"	1/2"	45
PFF 3/4" - 45	3/4"	3/4"	45
PFF 1" - 60	1"	1"	60
PFF 1 1/4" - 60	1 1/4"	1 1/4"	60
PFF 1 1/2" - 60	1 1/2"	1 1/2"	60
PFF 2" - 80	2"	2"	80



GMM-O4

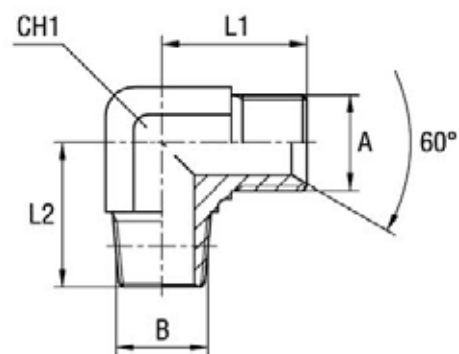
Adattatore 45° Sv. 60° Orientabile Maschio
Filetto Gas Cilindrico

Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
GMM-O4 1/8"	1/8"	20,5	26	11	14
GMM-O4 1/4"	1/4"	21	29	14	19
GMM-O4 3/8"	3/8"	23,5	33	19	22
GMM-O4 1/2"	1/2"	26	38,5	22	30
GMM-O4 3/4"	3/4"	32	44	27	36
GMM-O4 1"	1"	37	47	33	46
GMM-O4 1 1/4"	1 1/4"	39	48	41	50
GMM-O4 1 1/2"	1 1/2"	46	48	48	55
GMM-O4 2"	2"	57	57	65	70

GMM-X9

Adattatore 90° Sv. 60° Fisso Maschio
Filettatura Gas Cilindrica - Gas Conica

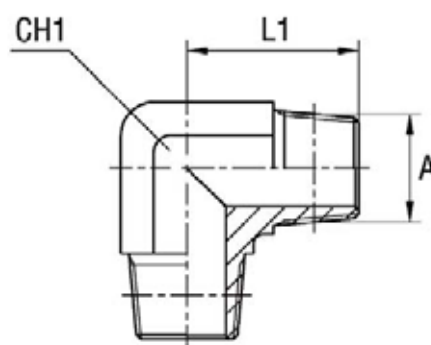
Codice	Filetto	Dimensioni (mm)		
	A - B	L1	L2	CH1
GMM-X9 1/8"	1/8"	21	20	11
GMM-X9 1/4"	1/4"	26	28	14
GMM-X9 3/8"	3/8"	29	31	19
GMM-X9 1/2"	1/2"	34	37,5	22
GMM-X9 3/4"	3/4"	41	40	27
GMM-X9 1"	1"	45	50	33
GMM-X9 1 1/4"	1 1/4"	52	60	41
GMM-X9 1 1/2"	1 1/2"	59	67	48
GMM-X9 2"	2"	78	76	65



GMM-K9

Adattatore 90° Fisso Maschio
Filettatura Gas Conica

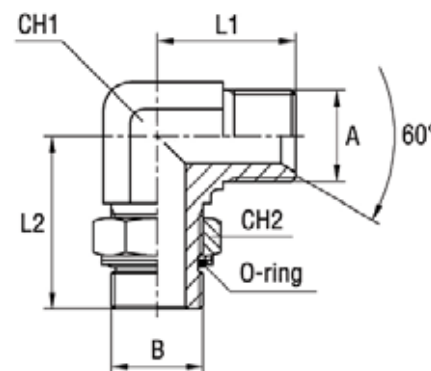
Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
GMM-K9 1/8"	1/8"	20	11
GMM-K9 1/4"	1/4"	28	14
GMM-K9 3/8"	3/8"	31	19
GMM-K9 1/2"	1/2"	37,5	22
GMM-K9 3/4"	3/4"	40	27
GMM-K9 1"	1"	50	33
GMM-K9 1 1/4"	1 1/4"	60	41
GMM-K9 1 1/2"	1 1/2"	67	48
GMM-K9 2"	2"	76	65

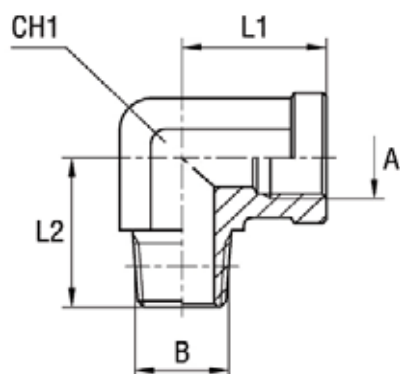


GMM-O9

Adattatore 90° Orientabile Maschio
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
GMM-O9 1/8"	1/8"	21	26	11	14
GMM-O9 1/4"	1/4"	26	32	14	19
GMM-O9 3/8"	3/8"	29	37	19	22
GMM-O9 1/2"	1/2"	34	43	22	30
GMM-O9 3/4"	3/4"	41	49	27	36
GMM-O9 1"	1"	45	52	33	46
GMM-O9 1 1/4"	1 1/4"	52	58	41	50
GMM-O9 1 1/2"	1 1/2"	59	60	48	55
GMM-O9 2"	2"	78	74	65	70

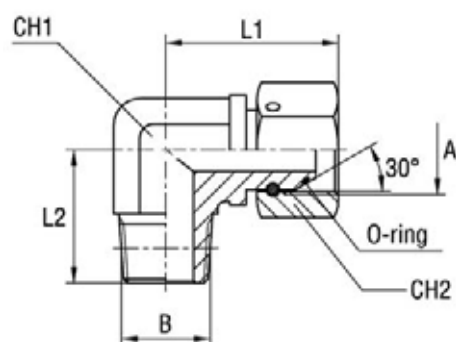




GMF-X9

Adattatore 90° Fisso
Maschio Gas Conico
Femmina Gas Cilindrica

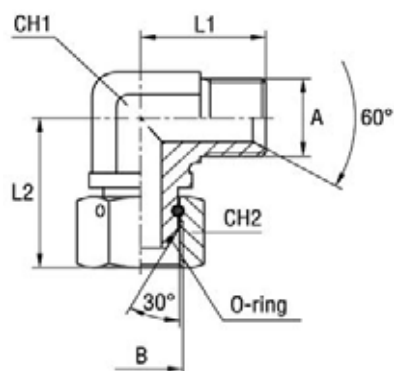
Codice	Filetto	Dimensioni (mm)		
	A - B	L1	L2	CH1
GMF-X9 1/8"	1/8"	17	20	14
GMF-X9 1/4"	1/4"	22,5	28	19
GMF-X9 3/8"	3/8"	26	31	22
GMF-X9 1/2"	1/2"	31	37,5	27
GMF-X9 3/4"	3/4"	34,5	40	33
GMF-X9 1"	1"	41	50	41
GMF-X9 1 1/4"	1 1/4"	43	60	48
GMF-X9 1 1/2"	1 1/2"	53	67	65
GMF-X9 2"	2"	61	76	71



GMF-H9

Adattatore 90° Sv. 60° Girevole
Maschio - Femmina
Filettatura Gas Conica

Codice	FILETTO	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
GMF-H9 1/8"	1/8"	25	20	11	14
GMF-H9 1/4"	1/4"	33	28	14	19
GMF-H9 3/8"	3/8"	37	31	19	22
GMF-H9 1/2"	1/2"	43	37,5	22	27
GMF-H9 3/4"	3/4"	53,5	40	27	32
GMF-H9 1"	1"	60,5	50	33	41
GMF-H9 1 1/4"	1 1/4"	64	60	41	50
GMF-H9 1 1/2"	1 1/2"	72,5	67	48	55
GMF-H9 2"	2"	91	76	65	70



GMF-G9

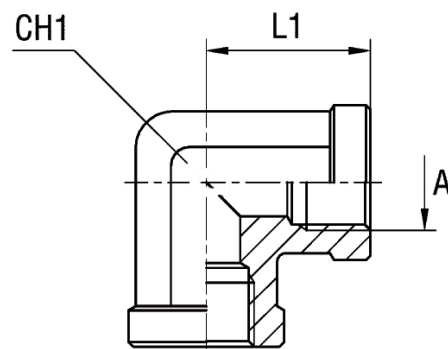
Adattatore 90° Sv. 60° Girevole
Maschio - Femmina
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
GMF-G9 1/8"	1/8"	21	25	11	14
GMF-G9 1/4"	1/4"	26	33	14	19
GMF-G9 3/8"	3/8"	29	37	19	22
GMF-G9 1/2"	1/2"	34	43	22	27
GMF-G9 3/4"	3/4"	41	53,5	27	32
GMF-G9 1"	1"	45	60,5	33	41
GMF-G9 1 1/4"	1 1/4"	57	64	41	50
GMF-G9 1 1/2"	1 1/2"	59	75,5	48	55
GMF-G9 2"	2"	78	91	65	70

GFF-C9

Adattatore 90° Fisso Femmina
Filetto Gas Cilindrico

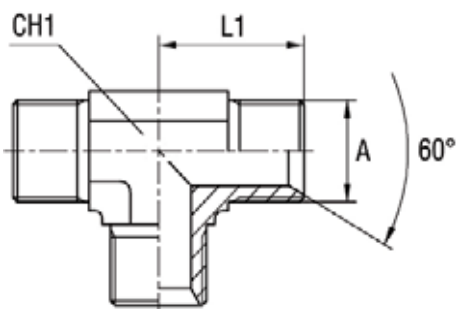
Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
GFF-C9 1/8"	1/8"	17	14
GFF-C9 1/4"	1/4"	22,5	19
GFF-C9 3/8"	3/8"	26	22
GFF-C9 1/2"	1/2"	31	27
GFF-C9 3/4"	3/4"	34,5	33
GFF-C9 1"	1"	41	41
GFF-C9 1 1/4"	1 1/4"	43	48
GFF-C9 1 1/2"	1 1/2"	53	65
GFF-C9 2"	2"	61	71



TMM-C3

Adattatore a "T" Sv. 60° Fisso Maschio
Filettatura Gas Cilindrica

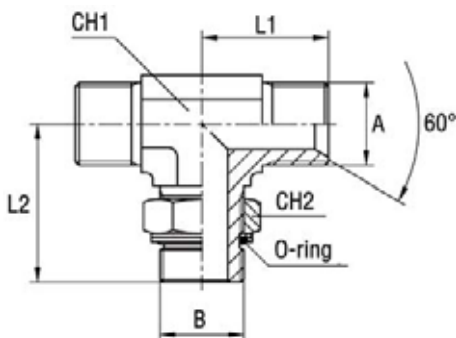
Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
TMM-C3 1/8"	1/8"	21	11
TMM-C3 1/4"	1/4"	26	14
TMM-C3 3/8"	3/8"	29	19
TMM-C3 1/2"	1/2"	34	22
TMM-C3 3/4"	3/4"	41	27
TMM-C3 1"	1"	45	33
TMM-C3 1 1/4"	1 1/4"	52	41
TMM-C3 1 1/2"	1 1/2"	59	48
TMM-C3 2"	2"	78	65

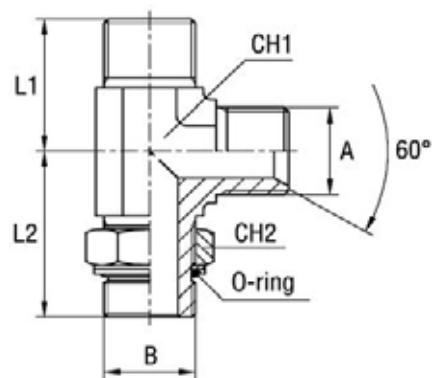


TMM-OC

Adattatore a "T" Sv. 60° Orientabile Maschio
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
TMM-OC 1/8"	1/8"	21	26	11	14
TMM-OC 1/4"	1/4"	26	32	14	19
TMM-OC 3/8"	3/8"	29	37	19	22
TMM-OC 1/2"	1/2"	34	43	22	30
TMM-OC 3/4"	3/4"	41	49	27	36
TMM-OC 1"	1"	45	52	33	41
TMM-OC 1 1/4"	1 1/4"	52	57	41	50
TMM-OC 1 1/2"	1 1/2"	59	60	48	55
TMM-OC 2"	2"	78	74	65	70

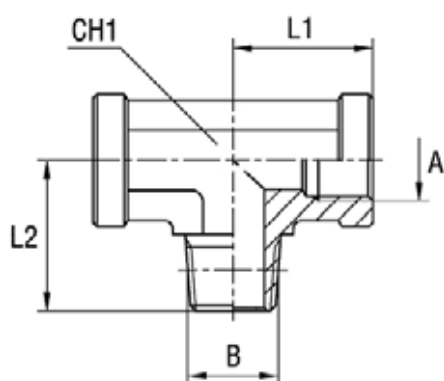




TMM-OL

Adattatore a "T" Sv. 60° Orientabile (Laterale) Maschio
Filettatura Gas Cilindrica

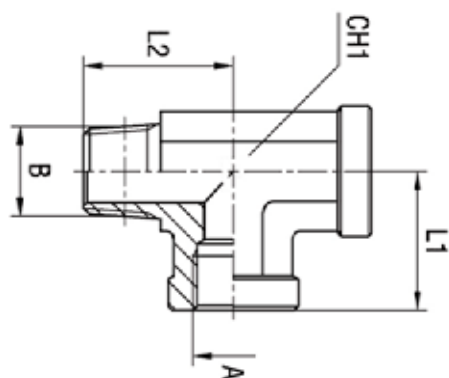
Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
TMM-OL 1/8"	1/8"	21	26	11	14
TMM-OL 1/4"	1/4"	26	32	14	19
TMM-OL 3/8"	3/8"	29	37	19	22
TMM-OL 1/2"	1/2"	34	43	22	30
TMM-OL 3/4"	3/4"	41	49	27	36
TMM-OL 1"	1"	45	52	33	41
TMM-OL 1 1/4"	1 1/4"	52	57	41	50
TMM-OL 1 1/2"	1 1/2"	59	60	48	55
TMM-OL 2"	2"	78	74	65	70



TFM-XC

Adattatore a "T" Sv. 60° Fisso
Maschio Gas Conico
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)		
	A - B	L1	L2	CH1
TFM-XC 1/8"	1/8"	17	20	14
TFM-XC 1/4"	1/4"	22,5	28	19
TFM-XC 3/8"	3/8"	26	31	22
TFM-XC 1/2"	1/2"	31	37,5	27
TFM-XC 3/4"	3/4"	34,5	40	33
TFM-XC 1"	1"	41	50	41
TFM-XC 1 1/4"	1 1/4"	43	60	48
TFM-XC 1 1/2"	1 1/2"	53	67	65
TFM-XC 2"	2"	61	76	71



TFM-XL

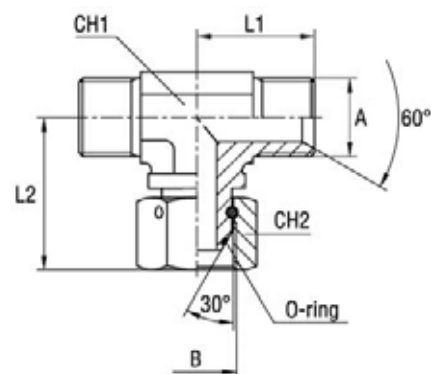
Adattatore a "T" Sv. 60° Fisso
Maschio Gas Conico (Laterale)
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)		
	A - B	L1	L2	CH1
TFM-XL 1/8"	1/8"	17	20	14
TFM-XL 1/4"	1/4"	22,5	28	19
TFM-XL 3/8"	3/8"	26	31	22
TFM-XL 1/2"	1/2"	31	37,5	27
TFM-XL 3/4"	3/4"	34,5	40	33
TFM-XL 1"	1"	41	50	41
TFM-XL 1 1/4"	1 1/4"	43	60	48
TFM-XL 1 1/2"	1 1/2"	53	67	65
TFM-XL 2"	2"	61	76	71

TMF-GC

Adattatore a "T" Sv. 60° Girevole
Maschio - Femmina
Filettatura Gas Cilindrica

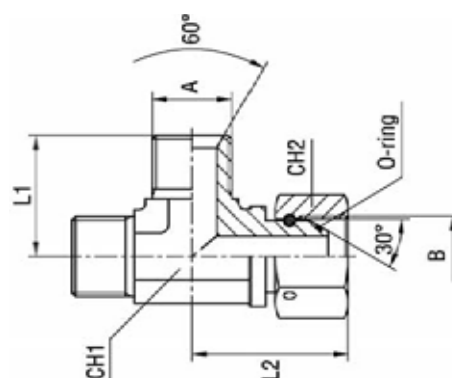
Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
TMF-GC 1/8"	1/8"	21	25	11	14
TMF-GC 1/4"	1/4"	26	33	14	19
TMF-GC 3/8"	3/8"	29	37	19	22
TMF-GC 1/2"	1/2"	34	43	22	27
TMF-GC 3/4"	3/4"	41	53,5	27	32
TMF-GC 1"	1"	45	60,5	33	41
TMF-GC 1 1/4"	1 1/4"	57	64	41	50
TMF-GC 1 1/2"	1 1/2"	59	72,5	48	55
TMF-GC 2"	2"	78	91	65	70



TMF-GL

Adattatore a "T" Sv. 60° Girevole
Maschio - Femmina (Laterale)
Filettatura Gas Cilindrica

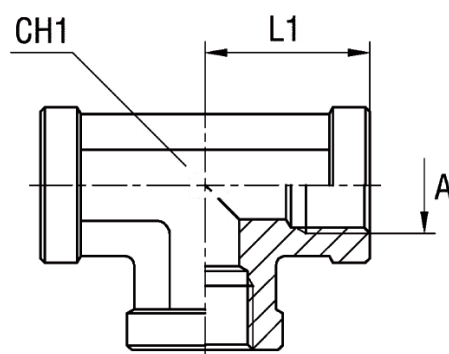
Codice	Filetto	Dimensioni (mm)			
	A - B	L1	L2	CH1	CH2
TMF-GL 1/8"	1/8"	21	25	11	14
TMF-GL 1/4"	1/4"	26	33	14	19
TMF-GL 3/8"	3/8"	29	37	19	22
TMF-GL 1/2"	1/2"	34	43	22	27
TMF-GL 3/4"	3/4"	41	53,5	27	32
TMF-GL 1"	1"	45	60,5	33	41
TMF-GL 1 1/4"	1 1/4"	57	64	41	50
TMF-GL 1 1/2"	1 1/2"	59	72,5	48	55
TMF-GL 2"	2"	78	91	65	70

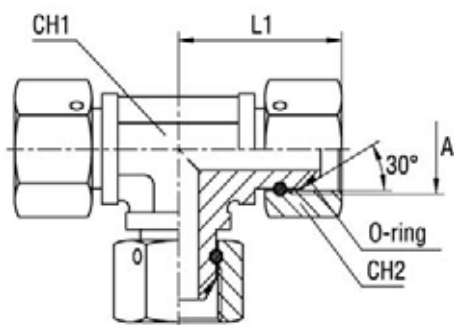


TFF-C3

Adattatore a "T" Fisso Femmina
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
TFF-C3 1/8"	1/8"	17	14
TFF-C3 1/4"	1/4"	22,5	19
TFF-C3 3/8"	3/8"	26	22
TFF-C3 1/2"	1/2"	31	27
TFF-C3 3/4"	3/4"	34,5	33
TFF-C3 1"	1"	41	41
TFF-C3 1 1/4"	1 1/4"	43	48
TFF-C3 1 1/2"	1 1/2"	53	65
TFF-C3 2"	2"	61	71

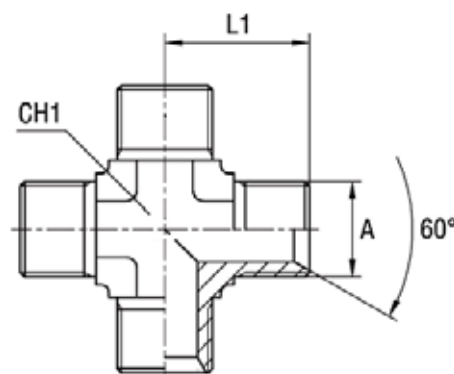




TFF-C3

Adattatore a "T" Girevole Femmina
Filettatura Gas Cilindrica

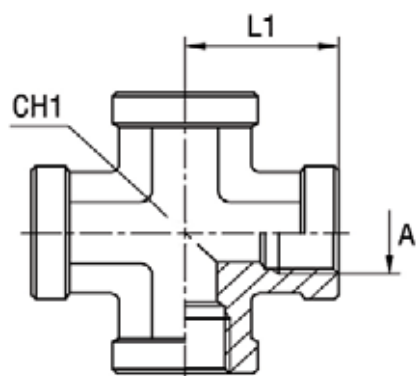
Codice	Filetto	Dimensioni (mm)		
	A	L1	CH1	CH2
TFF-G3 1/8"	1/8"	25	11	14
TFF-G3 1/4"	1/4"	33	14	19
TFF-G3 3/8"	3/8"	37	19	22
TFF-G3 1/2"	1/2"	43	22	27
TFF-G3 3/4"	3/4"	53,5	27	32
TFF-G3 1"	1"	60,5	33	41
TFF-G3 1 1/4"	1 1/4"	64	41	50
TFF-G3 1 1/2"	1 1/2"	75,5	48	55
TFF-G3 2"	2"	91	65	70



ZMM-C4

Adattatore a Croce Fisso Maschio
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
ZMM-C4 1/8"	1/8"	21	11
ZMM-C4 1/4"	1/4"	26	14
ZMM-C4 3/8"	3/8"	29	19
ZMM-C4 1/2"	1/2"	34	22
ZMM-C4 3/4"	3/4"	41	27
ZMM-C4 1"	1"	45	33
ZMM-C4 1 1/4"	1 1/4"	52	41
ZMM-C4 1 1/2"	1 1/2"	59	48
ZMM-C4 2"	2"	78	65



ZFF-C4

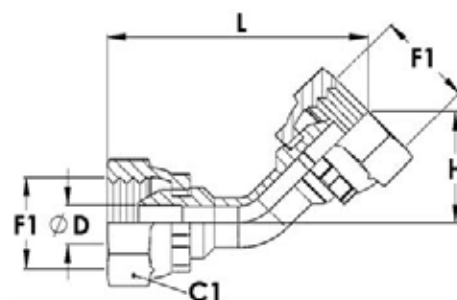
Adattatore a Croce Fisso Femmina
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
ZFF-C4 1/8"	1/8"	17	14
ZFF-C4 1/4"	1/4"	22,5	19
ZFF-C4 3/8"	3/8"	26	22
ZFF-C4 1/2"	1/2"	31	27
ZFF-C4 3/4"	3/4"	34,5	33
ZFF-C4 1"	1"	41	41
ZFF-C4 1 1/4"	1 1/4"	43	48
ZFF-C4 1 1/2"	1 1/2"	53	65
ZFF-C4 2"	2"	61	71

CFF-C4

Adattatore Curvo 45° Sv. 60°
Femmina Girevole Gas

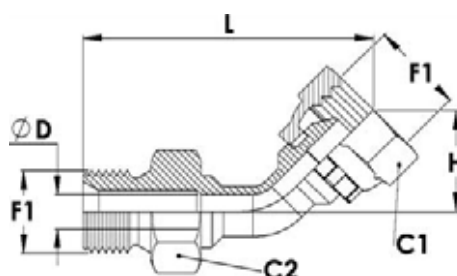
Codice	Filetto	Dimensioni		
	F1	C1	L	H
CFF-C4 1/8"	1/8"	15	57	24
CFF-C4 1/4"	1/4"	19	55	14
CFF-C4 3/8"	3/8"	22	70	18
CFF-C4 1/2"	1/2"	27	80	22
CFF-C4 5/8"	5/8"	28	77	27
CFF-C4 3/4"	3/4"	32	100	28
CFF-C4 1"	1"	41	-	32
CFF-C4 1 1/4"	1 1/4"	50	-	-
CFF-C4 1 1/2"	1 1/2"	55	-	-
CFF-C4 2"	2"	70	-	-



CMF-C4

Adattatore Curvo 45° Sv. 60°
Maschio Gas Cilindrico
Femmina girevole Gas

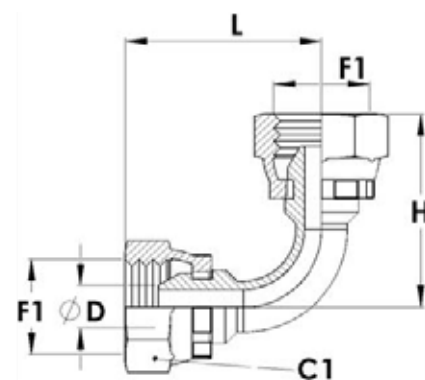
Codice	Filetto	Dimensioni		
	F1	C1	L	H
CMF-C4 1/8"	1/8"	15	53	16
CMF-C4 1/4"	1/4"	19	58	14
CMF-C4 3/8"	3/8"	22	72	18
CMF-C4 1/2"	1/2"	27	90	22
CMF-C4 5/8"	5/8"	28	74	30
CMF-C4 3/4"	3/4"	32	98	28
CMF-C4 1"	1"	41	94	32
CMF-C4 1 1/4"	1 1/4"	50	115	50
CMF-C4 1 1/2"	1 1/2"	55	123	52
CMF-C4 2"	2"	70	-	-

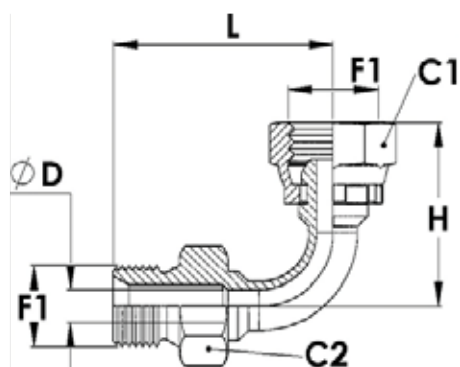


CFF-C9

Adattatore Curvo 90° Sv. 60°
Femmina Girevole Gas

Codice	Filetto	Dimensioni		
	F1	C1	L	H
CFF-C9 1/8"	1/8"	17	36	32
CFF-C9 1/4"	1/4"	21	40	32
CFF-C9 3/8"	3/8"	24	47	43
CFF-C9 1/2"	1/2"	29	62	49
CFF-C9 5/8"	5/8"	31	81	62
CFF-C9 3/4"	3/4"	35	83	67
CFF-C9 1"	1"	43	92	81
CFF-C9 1 1/4"	1 1/4"	53	-	-
CFF-C9 1 1/2"	1 1/2"	57	130	109
CFF-C9 2"	2"	72	-	-

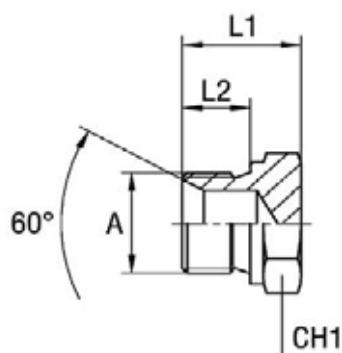




CMF-C9

Adattatore Curvo 90° Sv. 60°
Maschio Gas Cilindrico
Femmina Girevole Gas

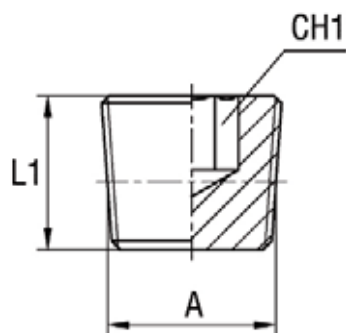
Codice	Filetto	Dimensioni		
	F1	C1	L	H
CMF-C9 1/8"	1/8"	15	34	31
CMF-C9 1/4"	1/4"	19	39	31
CMF-C9 3/8"	3/8"	22	46	41
CMF-C9 1/2"	1/2"	27	60	48
CMF-C9 5/8"	5/8"	28	80	61
CMF-C9 3/4"	3/4"	32	81	66
CMF-C9 1"	1"	41	90	80
CMF-C9 1 1/4"	1 1/4"	50	-	-
CMF-C9 1 1/2"	1 1/2"	55	128	108
CMF-C9 2"	2"	70	-	-



TM

Tappo Sv. 60° Maschio
Filettatura Gas Cilindrica

Codice	Filetto	Dimensioni (mm)		
	A	L1	CH1	CH2
TM 1/8"	1/8"	14,5	8	14
TM 1/4"	1/4"	19	11	19
TM 3/8"	3/8"	20,5	12	22
TM 1/2"	1/2"	24	14	27
TM 3/4"	3/4"	28	16	32
TM 1"	1"	32	19	41
TM 1 1/4"	1 1/4"	35	20	50
TM 1 1/2"	1 1/2"	40	23	55
TM 2"	2"	45,5	25	70



TB

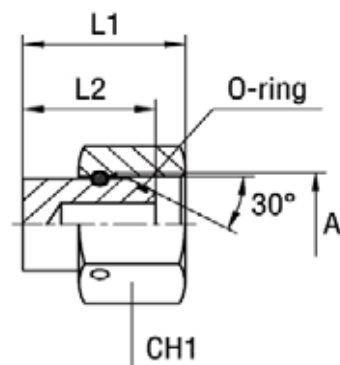
Tappo Conico Maschio
Filettatura Gas Cilindrica
Esagono Incassato

Codice	Filetto	Dimensioni (mm)	
	A	L1	CH1
TB 1/8"	1/8"	8	5
TB 1/4"	1/4"	10	7
TB 3/8"	3/8"	10	8
TB 1/2"	1/2"	10	10
TB 3/4"	3/4"	12	12
TB 1"	1"	12	17
TB 1 1/4"	1 1/4"	18	22
TB 1 1/2"	1 1/2"	20	24
TB 2"	2"	22	26

TF

Tappo Femmina Cono 60° Girevole
Filettatura Gas Cilindrica

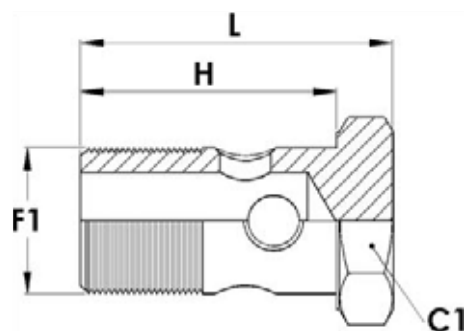
Codice	Filetto	Dimensioni (mm)		
	A	L1	L2	CH1
TF 1/8"	1/8"	15	12	14
TF 1/4"	1/4"	19	15	19
TF 3/8"	3/8"	20	15	22
TF 1/2"	1/2"	24	19	27
TF 3/4"	3/4"	30	21	32
TF 1"	1"	35	24,5	41
TF 1 1/4"	1 1/4"	36	27	50
TF 1 1/2"	1 1/2"	42	29,5	55
TF 2"	2"	45	30	70



VF

Vite Forata
Filetto Gas Cilindrico
Disponibili anche con filetti Metrici

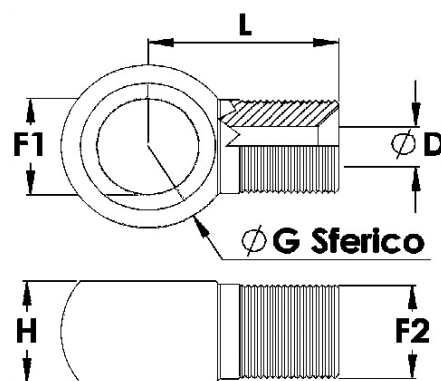
Codice	Filetto	Dimensioni		
	F1	C1	L	H
VF 1/8"	1/8"	-	26	21
VF 1/4"	1/4"	19	35	28
VF 3/8"	3/8"	22	38	32
VF 1/2"	1/2"	27	52,5	42,5
VF 5/8"	5/8"	30	50	40
VF 3/4"	3/4"	32	55	45
VF 1"	1"	41	68	55
VF 1 1/4"	1 1/4"	50	77	64
VF 1 1/2"	1 1/2"	65	97	83
VF 2"	2"	70	114	97

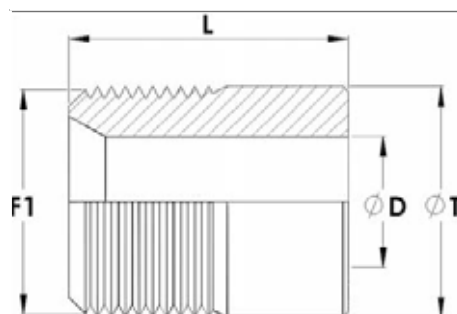


OF

Occhio Filettato
Filettatura Gas
Disponibile anche modello a SALDARE

Codice	Filetto	Dimensioni			
	F1 - F2	C1	L	G	H
OF 1/8"	1/8"	10	20	17	10
OF 1/4"	1/4"	14	25	24	14
OF 3/8"	3/8"	17	26	28	17
OF 1/2"	1/2"	22	33	35	22
OF 5/8"	5/8"	24	35	-	24
OF 3/4"	3/4"	30	38	46	30
OF 1"	1"	34	47	52	34
OF 1 1/4"	1 1/4"	-	-	-	-
OF 1 1/2"	1 1/2"	-	-	-	-
OF 2"	2"	-	-	-	-

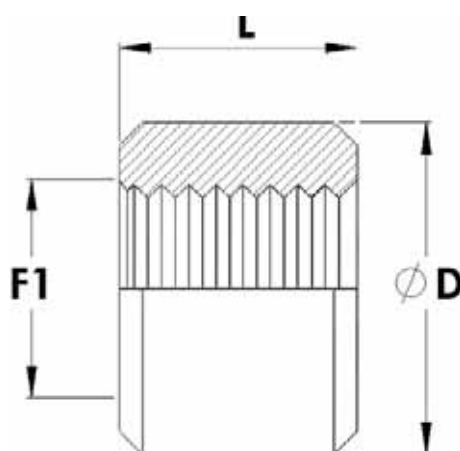




GTS

Giunzione Tonda a Saldare
Filettatura Gas Sv. 60°

Codice	Filetto	Dimensioni		
	F1	C1	L	H
GTS 1/8"	1/8"	20	4	10
GTS 1/4"	1/4"	30	8	13
GTS 3/8"	3/8"	35	9	17
GTS 1/2"	1/2"	38	14	21
GTS 5/8"	5/8"	41	14	23
GTS 3/4"	3/4"	41	18	27
GTS 1"	1"	45	21	33
GTS 1 1/4"	1 1/4"	45	30	42
GTS 1 1/2"	1 1/2"	50	34	48
GTS 2"	2"	54	44	60



BS

Giunzione Tonda Saldabile
Filettatura Gas

Codice	Filetto	Dimensioni		
	F1	C1	L	H
BS 1/8"	1/8"	13	18	18
BS 1/4"	1/4"	15	22	22
BS 3/8"	3/8"	17	26	26
BS 1/2"	1/2"	18	30	30
BS 5/8"	5/8"	20	32	32
BS 3/4"	3/4"	20	38	38
BS 1"	1"	25	46	46
BS 1 1/4"	1 1/4"	26	55	55
BS 1 1/2"	1 1/2"	30	62	62
BS 2"	2"	32	75	75

Rondelle

RCE

Rondelle Gomma-Metallo
Dimensioni STANDARD

Codice	Diametro
RCE 1/8"	1/8"
RCE 1/4"	1/4"
RCE 3/8"	3/8"
RCE 1/2"	1/2"
RCE 3/4"	3/4"
RCE 1"	1"
RCE 1 1/4"	1 1/4"
RCE 1 1/2"	1 1/2"
RCE 2"	2"



RR

Rondelle Rame
Dimensioni STANDARD

Codice	Diametro Interno
RR 1/8"	1/8"
RR 1/4"	1/4"
RR 3/8"	3/8"
RR 1/2"	1/2"
RR 3/4"	3/4"
RR 1"	1"
RR 1 1/4"	1 1/4"
RR 1 1/2"	1 1/2"
RR 2"	2"



RG

Rondelle Gomma-Metallo
Dimensioni MAGGIORATE

Codice	Diametro
RG 1/8"	1/8"
RG 1/4"	1/4"
RG 3/8"	3/8"
RG 1/2"	1/2"
RG 3/4"	3/4"
RG 1"	1"
RG 1 1/4"	1 1/4"
RG 1 1/2"	1 1/2"
RG 2"	2"



Raccorderia in ottone per grandi dimensioni

L'utilizzo di questa raccorderia è indicato per basse pressioni in linee di aspirazione e di scarico



RMFGD

Riduzione maschio - femmina per grandi dimensioni.
Materiale: ottone

Codice	Filetto	
	A	B
RMFGD 1/2"- 1/4"	1/2"	1/4"
RMFGD 1/2"- 3/8"	1/2"	3/8"
RMFGD 3/4"- 1/2"	3/4"	1/2"
RMFGD 1"- 1/2"	1"	1/2"
RMFGD 1"- 3/4"	1"	3/4"
RMFGD 1 1/4"- 1/2"	1 1/4"	1/2"
RMFGD 1 1/4"- 3/4"	1 1/4"	3/4"
RMFGD 1 1/4"- 1"	1 1/4"	1"
RMFGD 1 1/2"- 3/4"	1 1/2"	3/4"
RMFGD 1 1/2"- 1"	1 1/2"	1"
RMFGD 1 1/2"- 1 1/4"	1 1/2"	1 1/4"
RMFGD 2"- 1"	2"	1"
RMFGD 2"- 1 1/4"	2"	1 1/4"
RMFGD 2"- 1 1/2"	2"	1 1/2"



NRCGD

Nipplo doppio di riduzione per grandi dimensioni.
Materiale: ottone

Codice	Filetto	
	A	B
NRCGD 1/2"- 3/8"	1/2"	3/8"
NRCGD 3/4"- 1/2"	3/4"	1/2"
NRCGD 1"- 1/2"	1"	1/2"
NRCGD 1"- 3/4"	1"	3/4"
NRCGD 1 1/4"- 1"	1 1/4"	1"
NRCGD 1 1/2"- 1"	1 1/2"	1"
NRCGD 1 1/2"- 1 1/4"	1 1/2"	1 1/4"
NRCGD 2"- 1 1/4"	2"	1 1/4"
NRCGD 2"- 1 1/2"	2"	1 1/2"



PGGD

Portagomma per grandi dimensioni.
Materiale: ottone

Codice	Filetto A	Lunghezza
PGGD 1/2"- 13	1/2"	13
PGGD 1/2"- 15	1/2"	15
PGGD 1/2"- 20	1/2"	20
PGGD 3/4"- 20	3/4"	20
PGGD 3/4"- 25	3/4"	25
PGGD 1"- 25	1"	25
PGGD 1"- 30	1"	30
PGGD 1 1/4"- 30	1 1/4"	30
PGGD 1 1/4"- 35	1 1/4"	35
PGGD 1 1/2"- 40	1 1/2"	40
PGGD 2"- 50	2"	50
PGGD 2 1/2"- 60	2 1/2"	60

GFFGD

Gomito a 90° femmina - femmina per grandi dimensioni.

Materiale: ottone

Codice	Filetto
GFFGD 1/2"	1/2"
GFFGD 3/4"	3/4"
GFFGD 1"	1"
GFFGD 1 1/4"	1 1/4"
GFFGD 1 1/2"	1 1/2"
GFFGD 2"	2"
GFFGD 2 1/2"	2 1/2"
GFFGD 3"	3"
GFFGD 4"	4"



TFFGD

Raccordo a TEE per grandi dimensioni.

Materiale: ottone

Codice	Filetto
TFFGD 1/2"	1/2"
TFFGD 3/4"	3/4"
TFFGD 1"	1"
TFFGD 1 1/4"	1 1/4"
TFFGD 1 1/2"	1 1/2"
TFFGD 2"	2"
TFFGD 2 1/2"	2 1/2"
TFFGD 3"	3"
TFFGD 4"	4"



NPCGD

Nipples doppio per grandi dimensioni.

Materiale: ottone

Codice	Filetto
NPCGD 1/2"	1/2"
NPCGD 3/4"	3/4"
NPCGD 1"	1"
NPCGD 1 1/4"	1 1/4"
NPCGD 1 1/2"	1 1/2"
NPCGD 2"	2"
NPCGD 2 1/2"	2 1/2"
NPCGD 3"	3"
NPCGD 4"	4"



TMGD

Tappo a vite maschio per grandi dimensioni.

Materiale: ottone

Codice	Parametro 1
TMGD 1/4"	1/4"
TMGD 3/8"	3/8"
TMGD 1/2"	1/2"
TMGD 3/4"	3/4"
TMGD 1"	1"
TMGD 1 1/4"	1 1/4"
TMGD 1 1/2"	1 1/2"
TMGD 2"	2"
TMGD 2"	2"



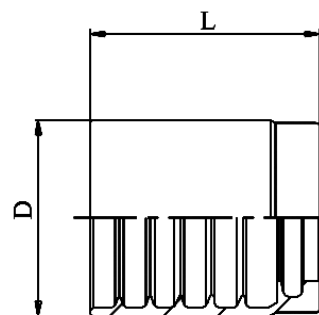
Raccordi a pressare per tubi flessibili

Boccole	pag 1.5.1
Raccordi maschio	pag 1.5.3
Raccordi femmina	pag 1.5.10
Raccordi Curvi	pag 1.5.15
Estremità tubolari	pag 1.5.25
Estremità tubolari curve	pag 1.5.29
Raccordi a flangia	pag 1.5.33
Raccordi vari	pag 1.5.38

BP21T

Ghiera per tubi trecciati senza pelatura

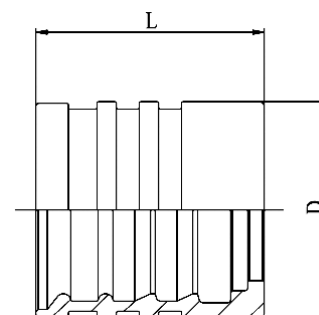
Codice	Ø Int. Tubo - DN -		Dimensioni (mm)	
	Pollici	mm	D	L
BP21T 3/16"	3/16"	5	21	23
BP21T 1/4"	1/4"	6	23	30,5
BP21T 5/16"	5/16"	8	24	30
BP21T 3/8"	3/8"	10	26	32
BP21T 1/2"	1/2"	12	29	34
BP21T 5/8"	5/8"	16	33	37
BP21T 3/4"	3/4"	19	37	42
BP21T 1"	1"	25	46	51
BP21T 1 1/4"	1 1/4"	31	59	59
BP21T 1 1/2"	1 1/2"	38	67	67
BP21T 2"	2"	51	80	72
BP21T 2 3/8"	2 3/8"	60	82,5	69
BP21T 2 1/2"	2 1/2"	63	88,9	69
BP21T 3"	3"	76	103	75

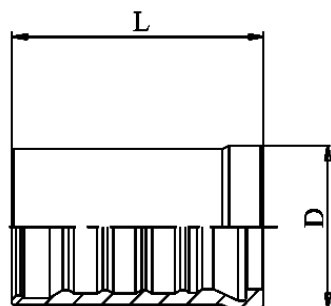


BPPH

Ghiera per tubi trecciati e spiralati con pelatura

Codice	Ø Int. Tubo - DN -		Dimensioni (mm)	
	Pollici	mm	D	L
BPPH 3/16"	3/16"	5	20,6	26
BPPH 1/4"	1/4"	6	22	30
BPPH 5/16"	5/16"	8	24	31
BPPH 3/8"	3/8"	10	26	33
BPPH 1/2"	1/2"	12	30	34
BPPH 5/8"	5/8"	16	33	39
BPPH 3/4"	3/4"	19	38	40
BPPH 1"	1"	25	46	54
BPPH 1 1/4"	1 1/4"	31	57	60
BPPH 1 1/2"	1 1/2"	38	65	70
BPPH 2"	2"	51	79	72

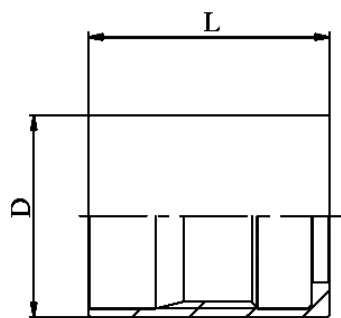




BPSH

Ghiera per tubi spiralati con doppia pelatura

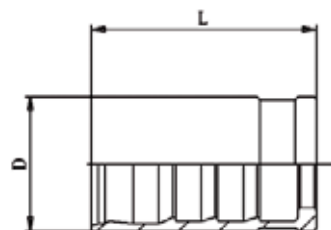
Codice	Ø Int. Tubo - DN -		Dimensioni (mm)	
	Pollici	mm	D	L
BPSH 1 1/4"	1 1/4"	31	57	88
BPSH 1 1/2"	1 1/2"	38	64,3	102
BPSH 2"	2"	51	86,5	108



BP3

Ghiera per tubi tessili senza pelatura

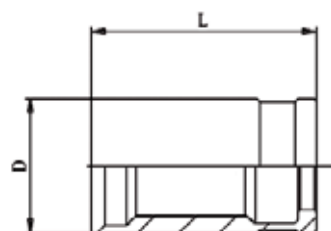
Codice	Ø Int. Tubo - DN -		Dimensioni (mm)	
	Pollici	mm	D	L
BP3 3/16"	3/16"	5	17,5	27
BP3 1/4"	1/4"	6	19,3	30
BP3 5/16"	5/16"	8	21	32
BP3 3/8"	3/8"	10	24	32
BP3 1/2"	1/2"	12	28,4	34
BP3 5/8"	5/8"	16	33	37
BP3 3/4"	3/4"	19	37	43
BP3 1"	1"	25	43,5	51
BP3 1" 1/4"	1 1/4"	31	50	59



BP7

Ghiera per tubi compatti senza pelatura

Codice	Ø Int. Tubo - DN -		Dimensioni (mm)	
	Pollici	mm	D	L
BP7 3/16"	3/16"	5	14	26,5
BP7 1/4"	1/4"	6	18	30,5
BP7 5/16"	5/16"	8	19	32
BP7 3/8"	3/8"	10	22	33
BP7 1/2"	1/2"	12	26	34
BP7 5/8"	5/8"	16	28,5	36
BP7 3/4"	3/4"	19	32	42
BP7 1"	1"	25	40	50
BP7 1 1/4"	1 1/4"	31	48	57
BP7 1 1/2"	1 1/2"	38	55,5	66
BP7 2"	2"	51	68,6	70



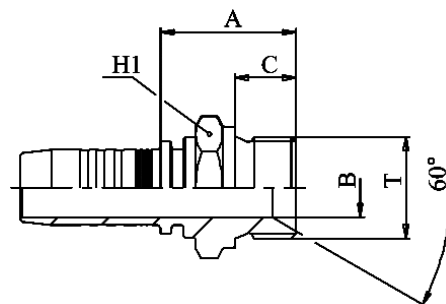
BPT

Ghiera in alluminio per tubi con treccia zincata esterna

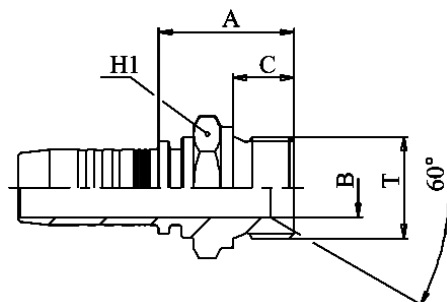
Codice	Ø Int. Tubo - DN -		Dimensioni (mm)	
	Pollici	mm	D	L
BPT 1/8"	1/8"	4	10	16
BPT 3/16"	3/16"	5	12	27
BPT 1/4"	1/4"	6	15	24
BPT 5/16"	5/16"	8	18	30
BPT 3/8"	3/8"	10	20	32
BPT 1/2"	1/2"	12	25	34
BPT 5/8"	5/8"	16	29	37
BPT 3/4"	3/4"	20	31	38
BPT 1"	1"	25	-	-

MF

Maschio Gas Cilindrico SV. 60°



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
MF F 1/8" - 3/16"	3/16"	5	1/8" - 28,0	4	19,3	8	15
MF F 1/4" - 3/16"	3/16"	5	1/4" - 19,0	7	22,3	11	19
MF F 1/8" - 1/4"	1/4"	6	1/8" - 28,0	4	21	8	15
MF F 1/4" - 1/4"	1/4"	6	1/4" - 19,0	7	24,5	11	19
MF F 1/4" - 1/4" CH15	1/4"	6	1/4" - 19,0	7	24,5	11	15
MF F 1/4" - 1/4" CH17	1/4"	6	1/4" - 19,0	7	25	11	17
MF F 3/8" - 1/4"	1/4"	6	3/8" - 19,0	9,5	27,5	13	22
MF F 1/2" - 1/4"	1/4"	6	1/2" - 14,0	12	29,5	14	27
MF F 1/4" - 5/16"	5/16"	8	1/4" - 19,0	7	24,5	11	19
MF F 3/8" - 5/16"	5/16"	8	3/8" - 19,0	9,5	27,5	13	22
MF F 1/2" - 5/16"	5/16"	8	1/2" - 14,0	7	29,5	11	19
MF F 1/4" - 3/8"	3/8"	10	1/4" - 19,0	12	24,5	14	27
MF F 3/8" - 3/8"	3/8"	10	3/8" - 19,0	9,5	27,5	13	22
MF F 1/2" - 3/8"	3/8"	10	1/2" - 14,0	12	30	14	27
MF F 3/8" - 1/2"	1/2"	12	3/8" - 19,0	9,5	28	13	22
MF F 1/2" - 1/2"	1/2"	12	1/2" - 14,0	12	30,5	14	27
MF F 5/8" - 1/2"	1/2"	12	5/8" - 14,0	14	33	16	27
MF F 3/4" - 1/2"	1/2"	12	3/4" - 14,0	16	34	17	32
MF F 1/2" - 5/8"	5/8"	16	1/2" - 14,0	12	31	14	27
MF F 5/8" - 5/8"	5/8"	16	5/8" - 14,0	14	33	16	27
MF F 3/4" - 5/8"	5/8"	16	3/4" - 14,0	16	34,5	17	32
MF F 1/2" - 3/4"	3/4"	20	1/2" - 14,0	12	29,5	14	27
MF F 5/8" - 3/4"	3/4"	20	5/8" - 14,0	14	34	16	27
MF F 3/4" - 3/4"	3/4"	20	3/4" - 14,0	16	35	17	32
MF F 1" - 3/4"	3/4"	20	1" - 11,0	22	38	19	41
MF F 1/2" - 3/4"	3/4"	20	1/2" - 14,0	12	32	14	27
MF F 3/4" - 3/4"	3/4"	20	3/4" - 14,0	14,5	51	17	32
MF F 1" - 3/4"	3/4"	20	1" - 11,0	22	39	19	41
MF F 1" - 1"	1"	25	1" - 11,0	22	41,5	19	41
MF F 1 1/4" - 1"	1"	25	1 1/4" - 11,0	30	45	21,5	50
MF F 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4" - 11,0	30	45	21,5	50
MF F 1 1/2" - 1 1/4"	1 1/4"	32	1 1/2" - 11,0	35	46	21,5	55
MF F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11,0	35	44	21,5	55
MF F 2" - 1 1/2"	1 1/2"	38	2" - 11,0	45	57	25,8	70
MF F 1 1/2" - 2"	2"	50	1 1/2" - 11,0	35	54	26	55
MF F 2" - 2"	2"	50	2" - 11,0	45	54	25,8	70
MF F 2 1/2" - 2 1/2"	2 1/2"	63	2 1/2" - 11,0	58	59,5	32	85
MF F 3" - 3"	3"	76	3" - 11,0	64	69	35	100



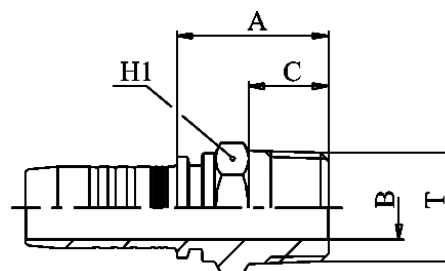
MFM

Maschio Metrico SV. 60°

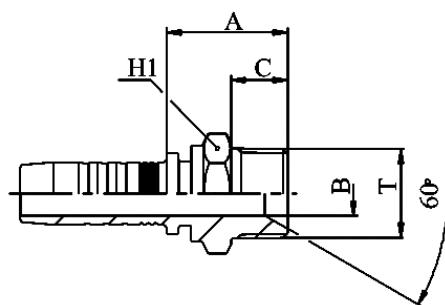
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
MFM 10x1 - 1/8"	1/8"	4	10x1	4	20,5	8	14
MFM 10x1 - 3/16"	3/16"	5	10x1	4	20,5	8	14
MFM 12x1,5 - 3/16"	3/16"	5	12x1,5	5	25,5	12	17
MFM 14x1,5 - 3/16"	3/16"	5	14x1,5	6	25,5	12	19
MFM 10x1,5 - 1/4"	1/4"	6	10x1,5	4	21	8	14
MFM 10x1 - 1/4"	1/4"	6	10x1	4	21	8	14
MFM 12x1,5 - 1/4"	1/4"	6	12x1,5	5	26	12	17
MFM 14x1,5 - 1/4"	1/4"	6	14x1,5	6	26	12	19
MFM 16x1,5 - 1/4"	1/4"	6	16x1,5	8	26	12	22
MFM 18x1,5 - 1/4"	1/4"	6	18x1,5	10	27	12	24
MFM 10x1 - 5/16"	5/16"	8	10x1	5	21	10	14
MFM 14x1,5 - 5/16"	5/16"	8	14x1,5	6	26	12	19
MFM 16x1,5 - 5/16"	5/16"	8	16x1,5	8	26	12	22
MFM 18x1,5 - 5/16"	5/16"	8	18x1,5	10	27	12	24
MFM 14x1,5 - 3/8"	3/8"	10	14x1,5	6	25	12	19
MFM 16x1,5 - 3/8"	3/8"	10	16x1,5	8	26	12	22
MFM 18x1,5 - 3/8"	3/8"	10	18x1,5	10	27	12	24
MFM 20x1,5 - 3/8"	3/8"	10	20x1,5	12	29	14	25
MFM 22x1,5 - 3/8"	3/8"	10	22x1,5	13	29	14	27
MFM 16x1,5 - 1/2"	1/2"	12	16x1,5	10	27	12	24
MFM 18x1,5 - 1/2"	1/2"	12	18x1,5	10	27	12	24
MFM 20x1,5 - 1/2"	1/2"	12	20x1,5	12	29	14	25
MFM 22x1,5 - 1/2"	1/2"	12	22x1,5	13	29	14	27
MFM 24x1,5 - 1/2"	1/2"	12	24x1,5	15	29	14	30
MFM 26x1,5 - 1/2"	1/2"	12	26x1,5	16	33	16	32
MFM 22x1,5 - 5/8"	5/8"	16	22x1,5	12	30	14	27
MFM 24x1,5 - 5/8"	5/8"	16	24x1,5	15	30	14	30
MFM 26x1,5 - 5/8"	5/8"	16	26x1,5	16	33	16	32
MFM 30x1,5 - 5/8"	5/8"	16	30x1,5	20	34	16	36
MFM 26x1,5 - 3/4"	3/4"	20	26x1,5	16	33	16	32
MFM 28x1,5 - 3/4"	3/4"	20	28x1,5	16	33	16	36
MFM 30x1,5 - 3/4"	3/4"	20	30x1,5	20	34	16	36
MFM 30x1,5 - 1"	1"	25	30x1,5	20	35	16	36
MFM 38x1,5 - 1"	1"	25	38x1,5	26	38	16	46
MFM 45x1,5 - 1 1/4"	1 1/4"	32	45x1,5	33	38	16	55

MFK

Maschio Gas Conico SV. 60°



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
MFK F 1/8" - 3/16"	3/16"	5	1/8" - 28,0	4	21,3	10	12
MFK F 1/4" - 3/16"	3/16"	5	1/4" - 19,0	5,5	27,3	14	15
MFK F 1/8" - 1/4"	1/4"	6	1/8" - 28,0	4	22	10	12
MFK F 1/4" - 1/4"	1/4"	6	1/4" - 19,0	5,5	27,5	14	15
MFK F 3/8" - 1/4"	1/4"	6	3/8" - 19,0	8,5	28	14,5	19
MFK F 1/2" - 1/4"	1/4"	6	1/2" - 14,0	12	35	19	24
MFK F 1/4" - 5/16"	5/16"	8	1/4" - 19,0	5,5	27,5	14	15
MFK F 3/8" - 5/16"	5/16"	8	3/8" - 19,0	8,5	28	14,5	19
MFK F 1/2" - 5/16"	5/16"	8	1/2" - 14,0	9	35,5	19	24
MFK F 1/4" - 3/8"	3/8"	10	1/4" - 19,0	7	27,5	14,5	19
MFK F 3/8" - 3/8"	3/8"	10	3/8" - 19,0	8,5	28	14,5	19
MFK F 1/2" - 3/8"	3/8"	10	1/2" - 14,0	11	32,5	19	22
MFK F 3/8" - 1/2"	1/2"	12	3/8" - 19,0	9,5	28,5	14,5	22
MFK F 1/2" - 1/2"	1/2"	12	1/2" - 14,0	11	33	19	22
MFK F 3/4" - 1/2"	1/2"	12	3/4" - 14,0	15	37	19	30
MFK F 1/2" - 5/8"	5/8"	16	1/2" - 14,0	12	34	19	22
MFK F 5/8" - 5/8"	5/8"	16	5/8" - 14,0	12	36,5	19	30
MFK F 3/4" - 5/8"	5/8"	16	3/4" - 14,0	16	36	19,5	27
MFK F 3/4" - 3/4"	3/4"	20	3/4" - 14,0	16	37	19,5	27
MFK F 1" - 3/4"	3/4"	20	1" - 11,0	21	42	24	36
MFK F 1" - 1"	1"	25	1" - 11,0	21	44	22	36
MFK 1 1/4" - 1"	1"	25	1 1/4" - 11,0	28	46,5	25	46
MFK F 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4" - 11,0	28	46,2	25	46
MFK F 1 1/2" - 1 1/4"	1 1/4"	32	1 1/2" - 11,0	35	51	25,8	50
MFK F 1 1/4" - 1 1/2"	1 1/2"	38	1 1/4" - 11,0	32	47	24,5	46
MFK F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11,0	35	51	25,8	50
MFK F 2" - 1 1/2"	1 1/2"	38	2" 11,0	45	53	26	65
MFK F 2" - 2"	2"	50	2" 11,0	45	56	28	65



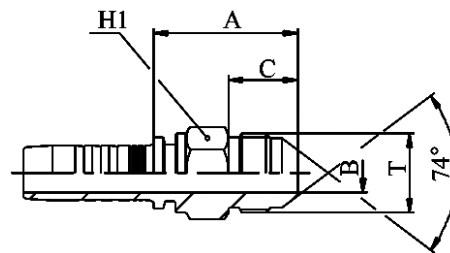
MFNPT

Maschio N.P.T.F. (conico) SV. 60°

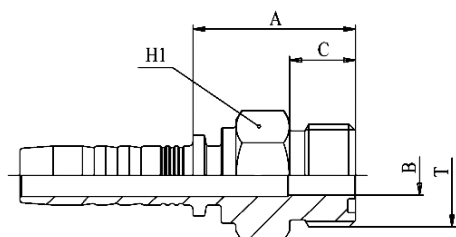
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
MFNPT 1/8" - 3/16"	3/16"	5	1/8" - 27,0	4	20	9,5	12
MFNPT 1/4" - 3/16"	3/16"	5	1/4" - 18,0	5,5	27	14,5	14
MFNPT 1/8" - 1/4"	1/4"	6	1/8" - 27,0	4	22	9,5	12
MFNPT 1/4" - 1/4"	1/4"	6	1/4" - 18,0	5,5	28	14,5	15
MFNPT 3/8" - 1/4"	1/4"	6	3/8" - 18,0	8,5	28	14,5	19
MFNPT 1/4" - 5/16"	5/16"	8	1/4" - 18,0	5,5	28	14,5	15
MFNPT 3/8" - 5/16"	5/16"	8	3/8" - 18,0	8,5	28	14,5	19
MFNPT 1/2" - 5/16"	5/16"	8	1/2" - 14,0	11	34	19	22
MFNPT 1/4" - 3/8"	3/8"	10	1/4" - 18,0	7	28	14,5	15
MFNPT 3/8" - 3/8"	3/8"	10	3/8" - 18,0	8,5	28	14,5	19
MFNPT 1/2" - 3/8"	3/8"	10	1/2" - 14,0	11	32,5	19	22
MFNPT 3/8" - 1/2"	1/2"	12	3/8" - 18,0	9,5	29	14,5	19
MFNPT 1/2" - 1/2"	1/2"	12	1/2" - 14,0	11	33	19	22
MFNPT 3/4" - 1/2"	1/2"	12	3/4" - 14,0	15	36	19	27
MFNPT 1/2" - 5/8"	5/8"	16	1/2" - 14,0	12	34	19	22
MFNPT 3/4" - 5/8"	5/8"	16	3/4" - 14,0	16	36	19	27
MFNPT 1/2" - 3/4"	3/4"	20	1/2" - 14,0	12	37	19	27
MFNPT 3/4" - 3/4"	3/4"	20	3/4" - 14,0	16	37	19	27
MFNPT 1" - 3/4"	3/4"	20	1" - 11,5	21	42	24	36
MFNPT 3/4" - 1"	1"	25	3/4" - 14,0	18	39	19	32
MFNPT 1" - 1"	1"	25	1" - 11,5	21	43	24	36
MFNPT 1 1/4" - 1"	1"	25	1 1/4" - 11,5	28	46	24,5	46
MFNPT 1" - 1 1/4"	1 1/4"	32	1" - 11,5	23	46	24	40
MFNPT 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4" - 11,5	28	47	24,5	46
MFNPT 1 1/2" - 1 1/4"	1 1/4"	32	1 1/2" - 11,5	35	49	25	50
MFNPT 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11,5	35	49	25	50
MFNPT 2" - 1 1/2"	1 1/2"	38	2" - 11,5	45	54	26	65
MFNPT 2" - 2"	2"	50	2" - 11,5	44	54	26	65

MFJ

Maschio J.I.C. - Cono 74°



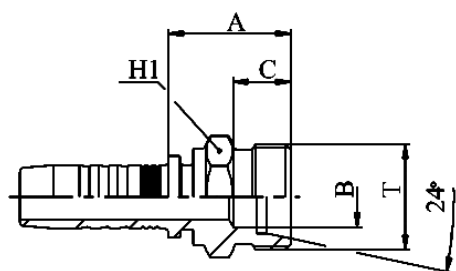
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
MFJ 7/16" - 3/16"	3/16"	5	7/16" - 20,0	4,5	26,5	14	12
MFJ 1/2" - 3/16"	3/16"	5	1/2" - 20,0	6	26,5	14	14
MFJ 7/16" - 1/4"	1/4"	6	7/16" - 20,0	4,5	26,5	14	12
MFJ 1/2" - 1/4"	1/4"	6	1/2" - 20,0	6	26	14	14
MFJ 9/16" - 1/4"	1/4"	6	9/16" - 18,0	7,5	27,5	14	15
MFJ 1/2" - 5/16"	5/16"	8	1/2" - 20,0	6	26,5	14	17
MFJ 9/16" - 5/16"	5/16"	8	9/16" - 18,0	7,5	27,5	14	15
MFJ 5/8" - 5/16"	5/16"	8	5/8" - 18,0	7	29	16	17
MFJ 3/4" - 5/16"	5/16"	8	3/4" - 16,0	10	30	17	19
MFJ 9/16" - 3/8"	3/8"	10	9/16" - 18,0	7,5	27,5	17	15
MFJ 5/8" - 3/8"	3/8"	10	5/8" - 18,0	7	29	16	17
MFJ 3/4" - 3/8"	3/8"	10	3/4" - 16,0	10	30	17	19
MFJ 7/8" - 3/8"	3/8"	10	7/8" - 14,0	12,5	34	19	24
MFJ 3/4" - 1/2"	1/2"	12	3/4" - 16,0	10	30,5	17	22
MFJ 7/8" - 1/2"	1/2"	12	7/8" - 14,0	12,5	35	19	24
MFJ 1.1/16" - 1/2"	1/2"	12	1 1/16" - 12,0	15,5	39	22	27
MFJ 3/4" - 5/8"	5/8"	16	3/4" - 16,0	9,5	31	17	22
MFJ 7/8" - 5/8"	5/8"	16	7/8" - 14,0	12,5	36	19,5	25
MFJ 1.1/16" - 5/8"	5/8"	16	1 1/16" - 12,0	15,5	39	22	27
MFJ 7/8" - 3/4"	3/4"	20	7/8" - 14,0	12,5	36	19	25
MFJ 1 1/16" - 3/4"	3/4"	20	1 1/16" - 12,0	15,5	41	22	27
MFJ 1 3/16" - 3/4"	3/4"	20	1 3/16" - 12,0	18	41	23	32
MFJ 1 5/16" - 3/4"	3/4"	20	1 5/16" - 12,0	21,5	41	23	32
MFJ 1 1/16" - 3/4"	3/4"	20	1 1/16" - 12,0	15,5	40	22	27
MFJ 1 1/16" - 1"	1"	25	1 1/16" - 12,0	15,5	57,5	22	32
MFJ 1 3/16" - 1"	1"	25	1 3/16" - 12,0	18	42	23	32
MFJ 1 5/16" - 1"	1"	25	1 5/16" - 12,0	21,5	43	23	34
MFJ 1 5/8" - 1"	1"	25	1 5/8" - 12,0	27,5	47	24	42
MFJ 1 5/8" - 1 1/4"	1 1/4"	32	1 5/8" - 12,0	27,5	47	24	46
MFJ 1 7/8" - 1 1/4"	1 1/4"	32	1 7/8" - 12,0	33	52	28	50
MFJ 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" - 12,0	33	52	28	50
MFJ 2 1/2" - 1 1/2"	1 1/2"	38	2 1/2" - 12,0	45	62	34	65
MFJ 2 1/2" - 2"	2"	50	2 1/2" - 12,0	45	62	34	65



MFO

Maschio O.R.F.S. - SAE J1453

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
MFO 9/16" - 1/4"	1/4"	6	9/16" - 18	4	24	9,8	16
MFO 11/16" - 3/8"	3/8"	10	11/16" - 16	6,7	27,6	11,2	19
MFO 13/16" - 3/8"	3/8"	10	13/16" - 16	9,3	30	12,8	22
MFO 13/16" - 1/2"	1/2"	12	13/16" - 17	9,3	30,6	12,8	22
MFO 1" - 1/2"	1/2"	12	1" - 14	12,5	35	15,5	27
MFO 1" - 5/8"	5/8"	16	1" - 14	12,5	34,7	15,5	27
MFO 1 3/16" - 3/4"	3/4"	19	1 3/16" - 12	15	39	17	32
MFO 1 7/16" - 3/4"	3/4"	19	1 7/16" - 12	19,8	40,5	17,5	38
MFO 1 7/16" - 1"	1"	25	1 7/16" - 12	19,8	41,8	17,5	38
MFO 1 11/16" - 1 1/4"	1 1/4"	31	1 11/16" - 12	26	46,3	17,5	46
MFO 2" - 1 1/2"	1 1/2"	38	2" - 12	32	48,6	17,5	55



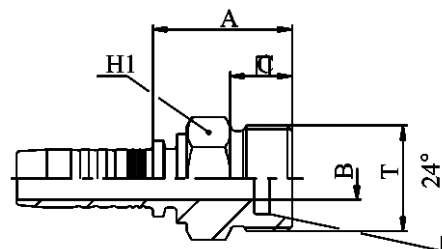
EO L

Maschio Metrico SV. 24°
Serie Leggera

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
EO 06L 3/16"	3/16"	5	12x1,5	4	22,5	6	14
EO 08L 3/16"	3/16"	5	14x1,5	6	23	8	15
EO 10L 1/4"	1/4"	6	16x1,5	8	24	10	17
EO 12L 1/4"	1/4"	6	18x1,5	10	25	12	19
EO 06L 1/4"	1/4"	6	12x1,5	4	23	6	14
EO 08L 1/4"	1/4"	6	14x1,5	6	23	8	15
EO 10L 5/16"	5/16"	8	16x1,5	8	24	10	17
EO 12L 5/16"	5/16"	8	18x1,5	10	25	12	19
EO 10L 3/8"	3/8"	10	16x1,5	8	24	10	17
EO 12L 3/8"	3/8"	10	18x1,5	10	25	12	19
EO 15L 3/8"	3/8"	10	22x1,5	12	27	15	24
EO 12L 1/2"	1/2"	12	18x1,5	10	11	12	19
EO 15L 1/2"	1/2"	12	22x1,5	12	27	15	24
EO 18L 1/2"	1/2"	12	26x1,5	15	29	18	27
EO 18L 5/8"	5/8"	16	26x1,5	15	29	18	27
EO 20L 5/8"	5/8"	16	30x2	16	33	20	32
EO 22L 5/8"	5/8"	16	30x2	19	31	22	32
EO 18L 3/4"	3/4"	20	26x1,5	15	-	18	27
EO 22L 3/4"	3/4"	20	30x2	19	-	22	30
EO 22L 3/4"	3/4"	20	30x2	19	32	22	32
EO 28L 1"	1"	25	36x2	24	34	28	36
EO 35L 1 1/4"	1 1/4"	32	45x2	30	39	35	46
EO 42L 1 1/2"	1 1/2"	38	52x2	36	40	42	55

EO S

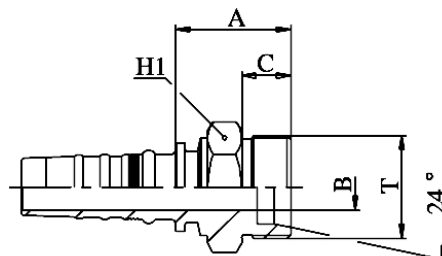
Maschio Metrico SV. 24°
Serie Pesante



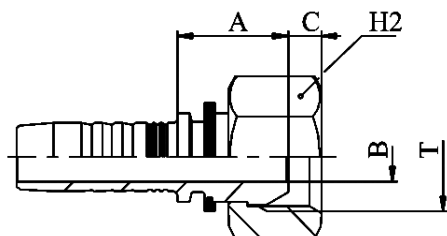
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
EO 06S 3/16"	3/16"	5	14x1,5	4	25	6	14
EO 08S 3/16"	3/16"	5	16x1,5	5	25	8	17
EO 10S 1/4"	1/4"	6	18x1,5	7	26	10	19
EO 12S 1/4"	1/4"	6	20x1,5	8	27	12	22
EO 06S 1/4"	1/4"	6	14x1,5	4	25	6	15
EO 08S 1/4"	1/4"	6	16x1,5	5	25	8	17
EO 10S 5/16"	5/16"	8	18x1,5	7	27	10	19
EO 12S 5/16"	5/16"	8	20x1,5	8	27	12	22
EO 10S 3/8"	3/8"	10	18x1,5	7	26	10	19
EO 12S 3/8"	3/8"	10	20x1,5	8	27	12	22
EO 14S 3/8"	3/8"	10	22x1,5	10	29	14	24
EO 16S 3/8"	3/8"	10	24x1,5	-	31	16	27
EO 12S 1/2"	1/2"	12	20x1,5	8	12	12	22
EO 14S 1/2"	1/2"	12	22x1,5	10	29	14	24
EO 16S 1/2"	1/2"	12	24x1,5	12	31	16	27
EO 20S 3/4"	3/4"	20	30x2	16	-	20	32
EO 25S 3/4"	3/4"	20	36x2	20	30	25	36
EO 20S 3/4"	3/4"	20	30x2	16	34	20	32
EO 25S 3/4"	3/4"	20	36x2	20	37	25	38
EO 25S 1"	1"	25	36x2	20	38	25	36
EO 30S 1"	1"	25	42x2	26	43	30	46
EO 38S 1 1/2"	1 1/2"	38	52x2	32	46	38	55

EOI

Maschio Metrico SV. 24° - Interlock
Serie Pesante



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		Canna	B	A	C	H1
EOI M 36x2 - 3/4"	3/4"	19	M 36x2	25	14,3	43,8	18	36
EOI M 42x2 - 1"	1"	25	M 42x2	30	19	47	20	46
EOI M 52x2 - 1 1/4"	1 1/4"	31	M 52x2	38	24	55	22	55
EOI M 52x2 - 1 1/2"	1 1/2"	38	M 52x2	38	30,5	55,6	22	55



FD

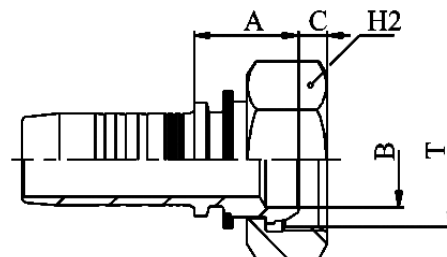
Femmina Gas - Ogiva 60°
Dado Passante

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
FD 1/8" - 1/8"	1/8"	4	1/8" - 28,0	-	17	3	15
FD 1/4" - 1/8"	1/8"	4	1/4" - 19,0	-	15	5	19
FD 1/8" - 3/16"	3/16"	5	1/8" - 28,0	4	17,5	3	15
FD 1/4" - 3/16"	3/16"	5	1/4" - 19,0	5	16,8	5	19
FD 1/4" - 3/16"	3/16"	5	1/4" - 19,0	5	16,8	5	17
FD 1/8" - 1/4"	1/4"	6	1/8" - 28,0	4	17,7	3	15
FD 1/4" - 1/4"	1/4"	6	1/4" - 19,0	5	17	5	19
FD 1/4" - 1/4"	1/4"	6	1/4" - 19,0	5	17	5	17
FD 3/8" - 1/4"	1/4"	6	3/8" - 19,0	7,5	19,5	7	22
FD 1/2" - 1/4"	1/4"	6	1/2" - 14,0	10	22	7	27
FD 1/4" - 5/16"	5/16"	8	1/4" - 19,0	5	17	5	19
FD 3/8" - 5/16"	5/16"	8	3/8" - 19,0	7,5	19,5	7	22
FD 1/2" - 5/16"	5/16"	8	1/2" - 14,0	10	22,5	7	27
FD 1/4" - 3/8"	3/8"	10	1/4" - 19,0	5	18	5	19
FD 3/8" - 3/8"	3/8"	10	3/8" - 19,0	7,5	19	7	22
FD 1/2" - 3/8"	3/8"	10	1/2" - 14,0	10	22,5	7	27
FD 3/8" - 1/2"	1/2"	12	3/8" - 19,0	7,5	19,5	7	22
FD 1/2" - 1/2"	1/2"	12	1/2" - 14,0	10	23	7	27
FD 5/8" - 1/2"	1/2"	12	5/8" - 14,0	12,5	22	9	28
FD 3/4" - 1/2"	1/2"	12	3/4" - 14,0	15,5	24,5	9	32
FD 1/2" - 5/8"	5/8"	16	1/2" - 14,0	10	23	7	27
FD 5/8" - 5/8"	5/8"	16	5/8" - 14,0	12,5	22,5	9	28
FD 3/4" - 5/8"	5/8"	16	3/4" - 14,0	15,5	24,5	9	32
FD 1/2" - 3/4"	3/4"	20	1/2" - 14,0	10	23,5	7	27
FD 5/8" - 3/4"	3/4"	20	5/8" - 14,0	12,5	23	9	28
FD 3/4" - 3/4"	3/4"	20	3/4" - 14,0	15,5	23,9	9	32
FD 1" - 3/4"	3/4"	20	1" - 11,0	20	26	10	41
FD 3/4" - 3/4"	3/4"	20	3/4" - 14,0	15,5	28	9	32
FD 1" - 3/4"	3/4"	20	1" - 11,0	20	25	10	41
FD 3/4" - 1"	1"	25	3/4" - 14,0	15,5	41	9	32
FD 1" - 1"	1"	25	1" - 11,0	20	27	10	41
FD 1 1/4" - 1"	1"	25	1 1/4" - 11,0	27	30	11	50
FD 1" - 1 1/4"	1 1/4"	32	1" 11,0	20	28	10	41
FD 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4" - 11,0	27	30	11	50
FD 1 1/2" - 1 1/4"	1 1/4"	32	1 1/2" - 11,0	33	33,5	11	55
FD 1 1/4" - 1 1/2"	1 1/2"	38	1 1/4" - 11,0	27	31	11	50
FD 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11,0	33	34	11	55
FD 2" - 1 1/2"	1 1/2"	38	2" - 11,0	45	33,5	15	70
FD 1 1/2" - 2"	2"	50	1 1/2" - 11,0	33	-	-	55
FD 2" - 2"	2"	50	2" - 11,0	45	36	15	70

N.B.: alcuni articoli possono essere forniti con dado pressato.

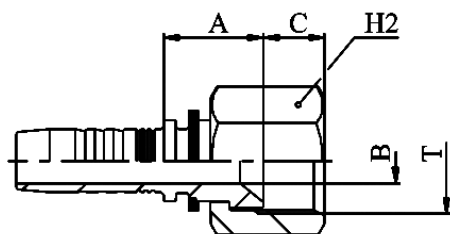
FDM

Femmina Metrica - Ogiva 60°
Dado Passante



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
FDM 10x1 - 3/16"	3/16"	5	10x1	4	19	4	15
FDM 12x1,5 - 3/16"	3/16"	5	12x1,5	4	19	4,5	17
FDM 14x1,5 - 3/16"	3/16"	5	14x1,5	5	18	5	19
FDM 16x1,5 - 3/16"	3/16"	5	16x1,5	3	20	5	22
FDM 10x1 - 1/4"	1/4"	6	10x1	4	19	4	15
FDM 12x1,5 - 1/4"	1/4"	6	12x1,5	4	19	4,5	17
FDM 14x1,5 - 1/4"	1/4"	6	14x1,5	5	18	5	19
FDM 16x1,5 - 1/4"	1/4"	6	16x1,5	7,5	20	6	22
FDM 18x1,5 - 1/4"	1/4"	6	18x1,5	7,5	20	5	22
FDM 12x1,5 - 5/16"	5/16"	8	12x1,5	4	28	4	17
FDM 14x1,5 - 5/16"	5/16"	8	14x1,5	5	18	5	19
FDM 16x1,5 - 5/16"	5/16"	8	16x1,5	7,5	20	6	22
FDM 18x1,5 - 5/16"	5/16"	8	18x1,5	7,5	20	5	22
FDM 20x1,5 - 5/16"	5/16"	8	20x1,5	10	22	6	27
FDM 22x1,5 - 5/16"	5/16"	8	22x1,5	10	22	6	27
FDM 14x1,5 - 3/8"	3/8"	10	14x1,5	5	18	5	19
FDM 16x1,5 - 3/8"	3/8"	10	16x1,5	7,5	20	6	22
FDM 18x1,5 - 3/8"	3/8"	10	18x1,5	7,5	20	5	22
FDM 20x1,5 - 3/8"	3/8"	10	20x1,5	10	22	6	27
FDM 22x1,5 - 3/8"	3/8"	10	22x1,5	10	22	6	27
FDM 16x1,5 - 1/2"	1/2"	12	16x1,5	7,5	19	6	22
FDM 18x1,5 - 1/2"	1/2"	12	18x1,5	7,5	21	5	22
FDM 20x1,5 - 1/2"	1/2"	12	20x1,5	9,5	23	6	27
FDM 22x1,5 - 1/2"	1/2"	12	22x1,5	9,5	23	6	27
FDM 24x1,5 - 1/2"	1/2"	12	24x1,5	12,5	23	7	30
FDM 26x1,5 - 1/2"	1/2"	12	26x1,5	15,5	25	7	32
FDM 27x1,5 - 1/2"	1/2"	12	27x1,5	15,5	25	7	32
FDM 28x1,5 - 1/2"	1/2"	12	28x1,5	15,5	25	7	32
FDM 22x1,5 - 5/8"	5/8"	16	22x1,5	10,5	22	5	27
FDM 24x1,5 - 5/8"	5/8"	16	24x1,5	12,5	23	7	30
FDM 26x1,5 - 5/8"	5/8"	16	26x1,5	15,5	25	7	32
FDM 27x1,5 - 5/8"	5/8"	16	27x1,5	15,5	25	7	32
FDM 28x1,5 - 5/8"	5/8"	16	28x1,5	15,5	25	7	32
FDM 30x1,5 - 5/8"	5/8"	16	30x1,5	19	26	8	36
FDM 26x1,5 - 3/4"	3/4"	20	26x1,5	15,5	26	7	32
FDM 27x1,5 - 3/4"	3/4"	20	27x1,5	15,5	26	7	32
FDM 28x1,5 - 3/4"	3/4"	20	28x1,5	15,5	26	7	32
FDM 30x1,5 - 3/4"	3/4"	20	30x1,5	19	26	8	36
FDM 38x1,5 - 3/4"	3/4"	20	38x1,5	24	30	8	46
FDM 26x1,5 - 1"	1"	25	26x1,5	-	-	-	32
FDM 30x1,5 - 1"	1"	25	30x1,5	-	-	-	36
FDM 38x1,5 - 1"	1"	25	38x1,5	24	30	8	46
FDM 45x1,5 - 1"	1"	25	45x1,5	27	34	5	55
FDM 45x1,5 - 1 1/4"	1 1/4"	32	45x1,5	-	-	-	55
FDM 52x1,5 - 1 1/4"	1 1/4"	32	52x1,5	-	-	-	60

N.B.: alcuni articoli possono essere forniti con dado pressato.



FJD

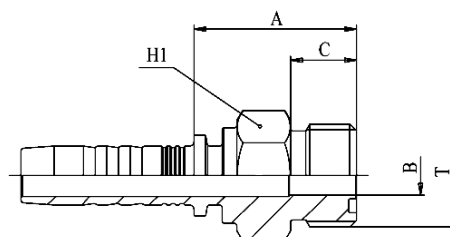
Femmina J.I.C. - SV. 74°
Dado Passante

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
FJD 7/16" - 3/16"	3/16"	5	7/16" - 20,0	4	14,5	9	15
FJD 1/2" - 3/16"	3/16"	5	1/2" - 20,0	5,5	16	9,5	17
FJD 7/16" - 1/4"	1/4"	6	7/16" - 20,0	4	15	9	15
FJD 1/2" - 1/4"	1/4"	6	1/2" - 20,0	6	15,5	9,5	17
FJD 9/16" - 1/4"	1/4"	6	9/16" - 18,0	7	16,5	10	19
FJD 7/16" - 5/16"	5/16"	8	7/16" 20,0	4	15	9	15
FJD 1/2" - 5/16"	5/16"	8	1/2" 20,0	5,5	16,5	9,5	17
FJD 9/16" - 5/16"	5/16"	8	9/16" 18,0	7	16,5	10	19
FJD 5/8" - 5/16"	5/16"	8	5/8" 18,0	7,5	18	11	22
FJD 3/4" - 5/16"	5/16"	8	3/4" 16,0	10	19	11	24
FJD 9/16" - 3/8"	3/8"	10	9/16" 18,0	7	16,5	10	19
FJD 5/8" - 3/8"	3/8"	10	5/8" 18,0	7,5	18	11	22
FJD 3/4" - 3/8"	3/8"	10	3/4" 16,0	10	19	11	24
FJD 7/8" - 3/8"	3/8"	10	7/8" 14,0	12	20,5	13	27
FJD 3/4" - 1/2"	1/2"	12	3/4" 16,0	10	20	11	24
FJD 7/8" - 1/2"	1/2"	12	7/8" 14,0	12	21,5	13	27
FJD 1 1/16" - 1/2"	1/2"	12	1 1/16" 12,0	15	23	14,5	32
FJD 3/4" - 5/8"	5/8"	16	3/4" 16,0	10,5	31,5	11	24
FJD 7/8" - 5/8"	5/8"	16	7/8" 14,0	12	21,5	13	28
FJD 1 1/16" - 5/8"	5/8"	16	1 1/16" 12,0	15	23	14,5	32
FJD 1 3/16" - 5/8"	5/8"	16	1 3/16" 12,0	12	22,5	14	36
FJD 3/4" - 3/4"	3/4"	20	3/4" 16,0	10	33	10	24
FJD 7/8" - 3/4"	3/4"	20	7/8" 14,0	12	21,5	13	28
FJD 1 1/16" - 3/4"	3/4"	20	1 1/16" 12,0	15	24	14,5	32
FJD 1 3/16" - 3/4"	3/4"	20	1 3/16" 12,0	18	24,5	15	36
FJD 1 5/16" - 3/4"	3/4"	20	1 5/16" 12,0	20,5	25	15,5	40
FJD 1 1/16" - 3/4"	3/4"	20	1 1/16" 12,0	15	23,5	13,5	32
FJD 1 3/16" - 3/4"	3/4"	20	1 3/16" 12,0	-	-	-	36
FJD 1 5/16" - 3/4"	3/4"	20	1 5/16" 12,0	20,5	25	14,5	40
FJD 1 3/16" - 1"	1"	25	1 3/16" 12,0	19	25,5	15	36
FJD 1 5/16" - 1"	1"	25	1 5/16" 12,0	20,5	26	15,5	40
FJD 1 5/8" - 1"	1"	25	1 5/8" 12,0	27,5	27,5	16	50
FJD 1 5/8" - 1 1/4"	1 1/4"	32	1 5/8" 12,0	27,5	28	16	50
FJD 1 7/8" - 1 1/4"	1 1/4"	32	1 7/8" 12,0	32	30,5	18,5	55
FJD 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" 12,0	32	31,5	18,5	55
FJD 2 1/2" - 1 1/2"	1 1/2"	38	2 1/2" 12,0	45	33,5	26	70
FJD 2 1/2" - 2"	2"	50	2 1/2" 12,0	45	33,5	26	70

N.B.: alcuni articoli possono essere forniti con dado pressato.

FOD

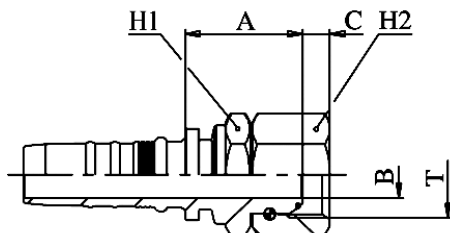
Femmina O.R.F.S. - SAE J1453



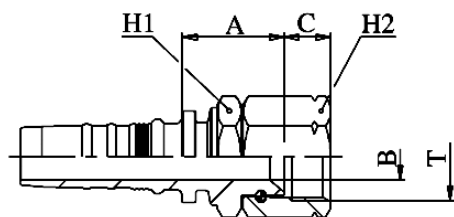
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	H1	H2
FOD 9/16" - 1/4"	1/4"	6	9/16" - 18	4	27,5	8	13	19
FOD 11/16" - 1/4"	1/4"	6	11/16" - 16	7	30	9,5	16	22
FOD 11/16" - 5/16"	5/16"	8	11/16" - 16	7	30,5	9,5	16	22
FOD 11/16" - 3/8"	3/8"	10	11/16" - 16	7	31,1	9,5	16	22
FOD 13/16" - 3/8"	3/8"	10	13/16" - 16	9,3	35,6	11	19	24
FOD 11/16" - 1/2"	1/2"	12	11/16" - 16	7	31,9	9,5	19	22
FOD 13/16" - 1/2"	1/2"	12	13/16" - 16	9,3	35,9	11	19	24
FOD 1" - 1/2"	1/2"	12	1" - 14	11,5	38,4	13,5	24	30
FOD 1 3/16" - 1/2"	1/2"	12	1 3/16" - 12	13,9	41,9	14,5	28	36
FOD 1" - 5/8"	5/8"	16	1" - 14	11,5	38,7	13,5	24	30
FOD 1 3/16" - 5/8"	5/8"	16	1 3/16" - 12	13,9	42	14,5	28	36
FOD 1" - 3/4"	3/4"	19	1" - 14	11,5	41	13,5	28	30
FOD 1 3/16" - 3/4"	3/4"	19	1 3/16" - 12	13,9	43,5	14,5	28	36
FOD 1 7/16" - 3/4"	3/4"	19	1 7/16" - 12	19,8	45,5	15	36	41
FOD 1 3/16" - 1"	1"	25	1 3/16" - 12	13,9	45,8	14,5	36	36
FOD 1 7/16" - 1"	1"	25	1 7/16" - 12	19,8	46,3	15	36	41
FOD 1 11/16" - 1"	1"	25	1 11/16" - 12	26	49,5	14,8	41	50
FOD 1 11/16" - 1 1/4"	1 1/4"	31	1 11/16" - 12	26	49	14,8	41	50
FOD 2" - 1 1/4"	1 1/4"	38	2" - 12	32	54	15,8	50	60

FDI

Femmina Gas - Interlock
Cono 60° - Dado Spinato



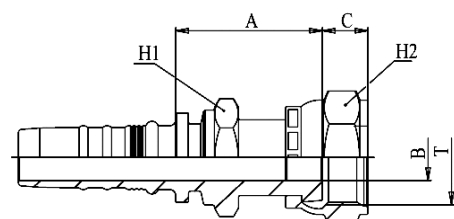
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	H1	H2
FDI 3/4" - 3/4"	3/4"	19	3/4" - 14	14,3	35,8	8,5	32	32
FDI 1" - 1"	1"	25	1" - 11	19	39	10,6	41	41
FDI 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4" - 11	26	47,5	10,1	50	50
FDI 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11	32	47,5	12,5	60	60
FDI 2" - 2"	2"	51	2" - 11	42	47	16,1	70	70



FJDI

Femmina J.I.C. - Interlock
Ogiva 74° - Dado Spinato

Codice	Ø Int. Tubo - DN -		Filetto	Dimensioni (mm)				
	Pollici	mm		B	A	C	H1	H2
FJDI 1 1/16" -12 - 3/4"	3/4"	19	1 1/16" -12	15	31,3	14,4	32	32
FJDI 1 5/16" -12 - 1"	1"	25	1 5/16" -12	21,7	34	15,2	41	41
FJDI 1 5/8" -12 - 1 1/4"	1 1/4"	31	1 5/8" -12	26	46	16,2	50	50
FJDI 1 7/8" -12 - 1 1/2"	1 1/2"	38	1 7/8" -12	32	52	18,8	55	60
FJDI 2 1/2" -12 - 2"	2"	51	2 1/2" -12	42	49,5	24	70	75



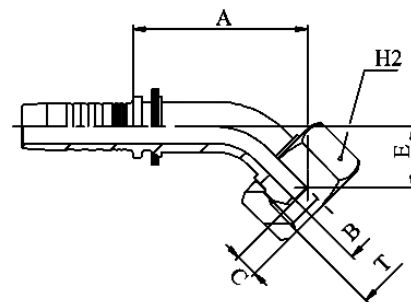
FODI

Femmina O.R.F.S. - Interlock
SAE J516/J514 - Dado Spinato

Codice	Ø Int. Tubo - DN -		Filetto	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
FODI 1 1/16" - 3/4"	3/4"	19	1 1/16" - 12	15	86,5	14,4	33	32
FODI 1 5/16" - 1"	1"	25	1 5/16" - 12	21,7	95	15,2	37	41
FODI 1 5/8" - 1 1/4"	1 1/4"	31	1 5/8" - 12	26	115,5	16,2	45	50
FODI 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" - 12	32	126,5	18,8	50	60

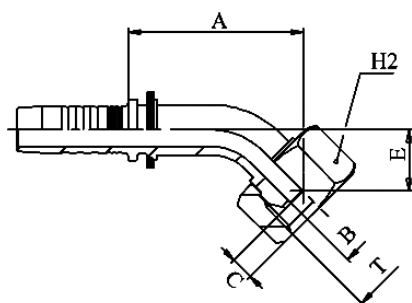
F45

Femmina Gas curva 45°
Ogiva 60° - Dado Passante



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
F45 1/8" - 3/16"	3/16"	5	1/8" - 28,0	-	-	-	15
F45 1/4" - 3/16"	3/16"	5	1/4" - 19,0	5	33,5	5	19
F45 1/4" - 1/4"	1/4"	6	1/4" - 19,0	5	36	5	19
F45 3/8" - 1/4"	1/4"	6	3/8" - 19,0	7,5	40	7	22
F45 3/8" - 5/16"	5/16"	8	3/8" - 19,0	7,5	44	5	22
F45 3/8" - 3/8"	3/8"	10	3/8" - 19,0	7,5	43	5	22
F45 1/2" - 3/8"	3/8"	10	1/2" - 14,0	10	53,5	5	27
F45 3/8" - 1/2"	1/2"	12	3/8" - 19,0	-	65	6	22
F45 1/2" - 1/2"	1/2"	12	1/2" - 14,0	10	58,5	7	27
F45 5/8" - 1/2"	1/2"	12	5/8" - 14,0	12,5	58,5	9	28
F45 5/8" - 5/8"	5/8"	16	5/8" - 14,0	12,5	69	7	28
F45 3/4" - 5/8"	5/8"	16	3/4" - 14,0	15,5	73	8	32
F45 3/4" - 3/4"	3/4"	20	3/4" - 14,0	15,5	66	9	32
F45 1" - 3/4"	3/4"	20	1" - 11,0	19	72	10	41
F45 3/4" - 3/4"	3/4"	20	3/4" - 14,0	15,5	66	9	32
F45 1" - 3/4"	3/4"	20	1" - 11,0	19	75	10	41
F45 1" - 1"	1"	25	1" - 11,0	21	82	10	41
F45 1 1/4" - 1"	1"	25	1 1/4" - 11,0	26	87	11	50
F45 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4" - 11,0	28	102	11	50
F45 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11,0	-	-	-	55
F45 2" - 2"	2"	50	2" - 11,0	-	141	13	70

N.B.: alcuni articoli possono essere forniti con dado pressato.



F45M

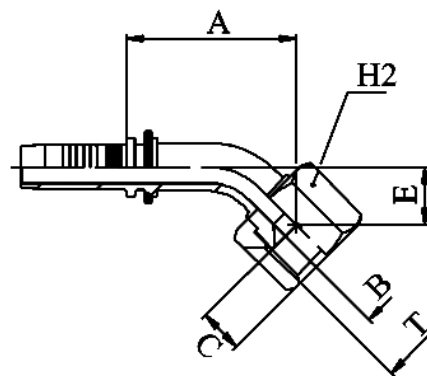
Femmina Metrica curva 45°
Ogiva 60° - Dado Passante

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
F45M 10x1 - 3/16"	3/16"	5	10x1	4	23	3	15
F45M 12x1,5 - 3/16"	3/16"	5	12x1,5	4	23	3	17
F45M 14x1,5 - 3/16"	3/16"	5	14x1,5	5	23	5	19
F45M 10x1 - 1/4"	1/4"	6	10x1	4	23	3	15
F45M 14x1,5 - 1/4"	1/4"	6	14x1,5	5	23	5	19
F45M 16x1,5 - 1/4"	1/4"	6	16x1,5	7	22,5	5,5	22
F45M 18x1,5 - 1/4"	1/4"	6	18x1,5	7,5	23	7,5	22
F45M 14x1,5 - 5/16"	5/16"	8	14x1,5	5,5	32	5,5	19
F45M 16x1,5 - 5/16"	5/16"	8	16x1,5	7,5	27,5	7	22
F45M 18x1,5 - 5/16"	5/16"	8	18x1,5	7,5	29	7,5	22
F45M 14x1,5 - 3/8"	3/8"	10	14x1,5	5,5	33,5	5	19
F45M 16x1,5 - 3/8"	3/8"	10	16x1,5	7,5	33	6	22
F45M 18x1,5 - 3/8"	3/8"	10	18x1,5	7,5	33	7,5	22
F45M 20x1,5 - 3/8"	3/8"	10	20x1,5	10	33	6	27
F45M 22x1,5 - 3/8"	3/8"	10	22x1,5	9,5	32	4	27
F45M 16x1,5 - 1/2"	1/2"	12	16x1,5	7,5	40	5,5	22
F45M 18x1,5 - 1/2"	1/2"	12	18x1,5	7,5	41	6,5	22
F45M 20x1,5 - 1/2"	1/2"	12	20x1,5	9,5	40	4	27
F45M 22x1,5 - 1/2"	1/2"	12	22x1,5	9,5	41	4,5	27
F45M 24x1,5 - 1/2"	1/2"	12	24x1,5	12	41	6,5	30
F45M 24x1,5 - 5/8"	5/8"	16	24x1,5	12	48	6,5	30
F45M 26x1,5 - 5/8"	5/8"	16	26x1,5	15,5	49	9	32
F45M 27x1,5 - 5/8"	5/8"	16	27x1,5	15,5	53	6	32
F45M 28x1,5 - 5/8"	5/8"	16	28x1,5	15,5	42	6	32
F45M 26x1,5 - 3/4"	3/4"	20	26x1,5	15,5	55,5	7,5	32
F45M 27x1,5 - 3/4"	3/4"	20	27x1,5	15,5	56,5	6	32
F45M 28x1,5 - 3/4"	3/4"	20	28x1,5	15,5	56,5	6	32
F45M 30x1,5 - 3/4"	3/4"	20	30x1,5	14,5	56,5	7,5	36
F45M 30x1,5 - 3/4"	3/4"	20	30x1,5	14,5	56,5	7,5	36
F45M 38x1,5 - 1"	1"	25	38x1,5	24	49,5	7	46

N.B.: alcuni articoli possono essere forniti con dado pressato.

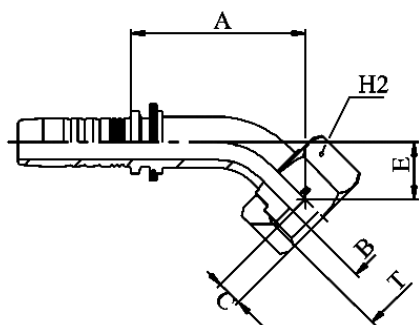
FJ45

Femmina J.I.C. curva 45°
Ogiva 74° - Dado Passante



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H1
FJ45 7/16" - 3/16"	3/16"	5	7/16" - 20,0	4	36	9	15
FJ45 7/16" - 1/4"	1/4"	6	7/16" - 20,0	4	34	9	15
FJ45 1/2" - 1/4"	1/4"	6	1/2" - 20,0	4	35	9,5	17
FJ45 9/16" - 1/4"	1/4"	6	9/16" - 18,0	7	35	10	19
FJ45 1/2" - 5/16"	5/16"	8	1/2" - 20,0	5,5	42	10	19
FJ45 9/16" - 5/16"	5/16"	8	9/16" - 18,0	7	43	10	19
FJ45 5/8" - 5/16"	5/16"	8	5/8" - 18,0	5,5	-	-	22
FJ45 9/16" - 3/8"	3/8"	10	9/16" - 18,0	7	47	10	19
FJ45 3/4" - 3/8"	3/8"	10	3/4" - 16,0	9	52	10	24
FJ45 3/4" - 1/2"	1/2"	12	3/4" - 16,0	12	57	13	27
FJ45 7/8" - 1/2"	1/2"	12	7/8" - 14,0	12	66	13	27
FJ45 7/8" - 5/8"	5/8"	16	7/8" - 14,0	12	67	13	27
FJ45 1 1/16" - 5/8"	5/8"	16	1 1/16" - 12,0	15	64	14,5	32
FJ45 1 1/16" - 3/4"	3/4"	20	1 1/16" - 12,0	15	65	14,5	32
FJ45 1 5/16" - 3/4"	3/4"	20	1 5/16" - 12,0	20,5	67	15,5	40
FJ45 1 5/16" - 1"	1"	25	1 5/16" - 12,0	20,5	81	15,5	40
FJ45 1 5/8" - 1"	1"	25	1 5/8" - 12,0	27	79	15,5	50
FJ45 1 5/8" - 1 1/4"	1 1/4"	32	1 5/8" - 12,0	27,5	98	16	50
FJ45 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" - 12,0	32	114	18,5	55
FJ45 2 1/2" - 2"	2"	50	2 1/2" - 12,0	44	146	26	70

N.B.: alcuni articoli possono essere forniti con dado pressato.

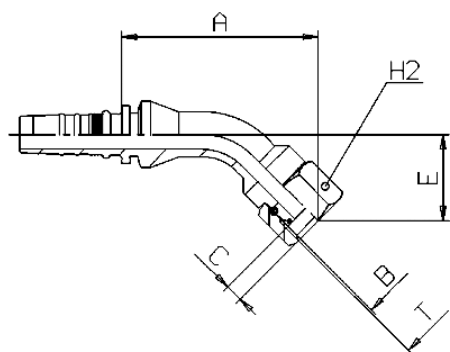


F045

Femmina O.R.F.S. curva 45°
SAE J516/J1453 - Dado Passante

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	E
FO45 9/16" - 1/4"	1/4"	6	9/16" - 18	4	32,5	8,2	12
FO45 11/16" - 1/4"	1/4"	6	11/16" - 16	7	31	9,5	10,5
FO45 11/16" - 5/16"	5/16"	8	11/16" - 16	7	34	9,5	10,5
FO45 11/16" - 3/8"	3/8"	10	11/16" - 16	7	32,5	9,5	11
FO45 11/16" - 3/8"	3/8"	10	11/16" - 16	9,3	34	11	12,5
FO45 11/16" - 1/2"	1/2"	12	11/16" - 16	7	33	9,5	11
FO45 13/16" - 1/2"	1/2"	12	13/16" - 16	9,3	42	11	13
FO45 1" - 1/2"	1/2"	12	1"	11,5	42	13,5	13,5
FO45 1 3/16" - 1/2"	1/2"	12	1 3/16" - 16	13,9	46,5	14,5	18,5
FO45 1" - 5/8"	5/8"	16	1"	11,5	49	13,5	16
FO45 1 3/16" - 5/8"	5/8"	16	1 3/16" - 16	13,9	51,5	14,5	18,5
FO45 1" - 3/4"	3/4"	19	1"	11,5	50,5	13,5	16,5
FO45 1 3/16" - 3/4"	3/4"	19	1 3/16" - 16	13,9	60,5	14,5	21,5
FO45 1 7/16" - 3/4"	3/4"	19	1 7/16" - 12	19,8	61	14,8	21
FO45 1 7/16" - 1"	1"	25	1 7/16" - 12	19,8	72	14,8	23,5
FO45 1 11/16" - 1"	1"	25	1 11/16" - 12	26	74	14,8	25,2
FO45 1 11/16" - 1 1/4"	1 1/4"	31	1 11/16" - 12	26	82	14,8	27
FO45 2" - 1 1/2"	1 1/2"	38	2" - 12	32	98	14,8	31,5

N.B.: alcuni articoli possono essere forniti con dado pressato.



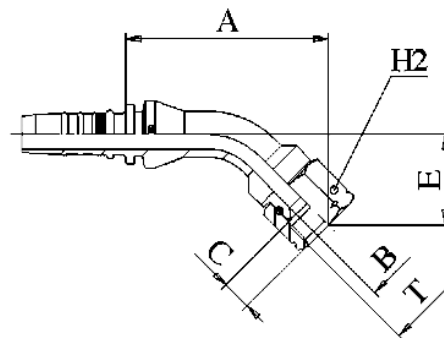
F45I

Femmina Gas curva 45° - Interlock
Cono 60° - Dado Spinato

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
F45I 3/4" - 3/4"	3/4"	19	3/4" - 14	14,3	88,5	8,5	35	32
F45I 1" - 1"	1"	25	1" - 11	19	97	10,6	40	41
F45I 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4" - 11	26	120	10,1	49,5	50
F45I 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11	32	126	12,5	50	60
F45I 2" - 2"	2"	51	2" - 11	42	162	16,1	66,5	70

FJ45I

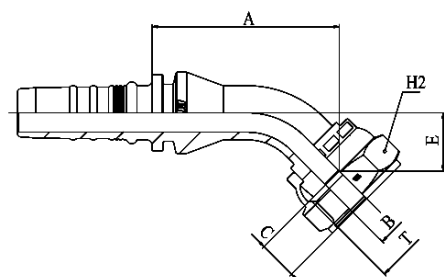
Femmina J.I.C. curva 45° - Interlock
Ogiva 74° - Dado Spinato



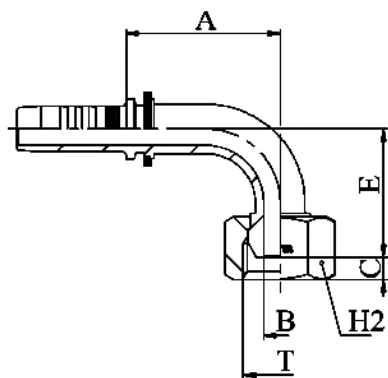
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
FJ45 1 1/16" - 3/4"	3/4"	19	1 1/16" - 12	15	86,5	14,4	33	32
FJ45 1 5/16" - 1"	1"	25	1 5/16" - 12	21,7	95	15,2	37	41
FJ45 1 5/8" - 1 1/4"	1 1/4"	31	1 5/8" - 12	26	115,5	16,2	45	50
FJ45 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" - 12	32	126,5	18,8	50	60

FO45I

Femmina O.R.F.S. curva 45° - Interlock
SAE J516/J1453 - Dado Pressato



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
FO45I 1 3/16" - 3/4"	3/4"	19	1 3/16" - 12	14,3	69	14,5	21,5	36
FO45I 1 7/16" - 1"	1"	25	1 7/16" - 12	19	84,5	15	22	41
FO45I 1 11/16" - 1 1/4"	1 1/4"	31	1 11/16" - 12	24	96,5	14,8	26	50
FO45I 2" - 1 1/2"	1 1/2"	38	2" - 12	30,5	111,5	15,8	31,5	60



F90

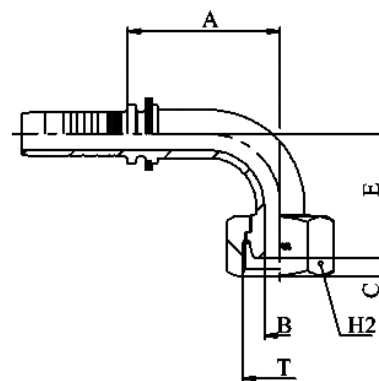
Femmina Gas curva 90°
Ogiva 60° - Dado Passante

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H2
F90 1/8" - 1/8"	1/8"	4	1/8" - 28,0	4	23	4	15
F90 1/4" - 1/8"	1/8"	4	1/4" - 19,0	4,5	22	5	19
F90 1/8" - 3/16"	3/16"	5	1/8" - 28,0	4	23	3	15
F90 1/4" - 3/16"	3/16"	5	1/4" - 19,0	5	23	5	19
F90 1/4" - 3/16"	3/16"	5	1/4" - 19,0	5	23	5	17
F90 1/8" - 1/4"	1/4"	6	1/8" - 28,0	4	23	3	15
F90 1/4" - 1/4"	1/4"	6	1/4" - 19,0	5	23	5	19
F90 1/4" - 1/4"	1/4"	6	1/4" - 19,0	5	23	5	17
F90 3/8" - 1/4"	1/4"	6	3/8" - 19,0	7,5	23	7	22
F90 1/2" - 1/4"	1/4"	6	1/2" - 14,0	9,5	38	6	27
F90 1/4" - 5/16"	5/16"	8	1/4" - 19,0	5	28	5	19
F90 3/8" - 5/16"	5/16"	8	3/8" - 19,0	7,5	29	7	22
F90 1/4" - 3/8"	3/8"	10	1/4" - 19,0	5	32	5	19
F90 3/8" - 3/8"	3/8"	10	3/8" - 19,0	7,5	33	7	22
F90 1/2" - 3/8"	3/8"	10	1/2" - 14,0	10	33	7	27
F90 3/8" - 1/2"	1/2"	12	3/8" - 19,0	7,5	40	7	22
F90 1/2" - 1/2"	1/2"	12	1/2" - 14,0	10	40	5	27
F90 5/8" - 1/2"	1/2"	12	5/8" - 14,0	12	38	7	28
F90 3/4" - 1/2"	1/2"	12	3/4" - 14,0	10	41	8,5	32
F90 1/2" - 5/8"	5/8"	16	1/2" - 14,0	9	49	5	27
F90 5/8" - 5/8"	5/8"	16	5/8" - 14,0	12	47,5	7	28
F90 3/4" - 5/8"	5/8"	16	3/4" - 14,0	15,5	50	9	32
F90 3/4" - 3/4"	3/4"	20	3/4" - 14,0	15,5	55,5	9	32
F90 1" - 3/4"	3/4"	20	1" - 11,0	19	58	10	41
F90 3/4" - 3/4"	3/4"	20	3/4" - 14,0	15,5	55,5	9	32
F90 1" - 3/4"	3/4"	20	1" - 11,0	19	58	10	41
F90 3/4" - 1"	1"	25	3/4" - 14,0	14,5	72	8,5	32
F90 1" - 1"	1"	25	1" - 11,0	21	72	10	41
F90 1 1/4" - 1"	1"	25	1 1/4" - 11,0	26	72	11	50
F90 1" - 1 1/4"	1 1/4"	32	1" - 11,0	20	88	10	41
F90 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4" - 11,0	27	90	10	50
F90 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11,0	32	110	10	55
F90 2" - 2"	2"	50	2" - 11,0	44	148	14	70

N.B.: alcuni articoli possono essere forniti con dado pressato.

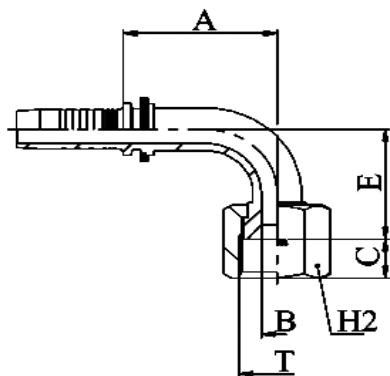
F90M

Femmina Metrica curva 90°
Ogiva 60° - Dado Passante



Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H2
F90M 10x1 - 3/16"	3/16"	5	10x1	4	23	3	15
F90M 12x1,5 - 3/16"	3/16"	5	12x1,5	4	23	3	17
F90M 14x1,5 - 3/16"	3/16"	5	14x1,5	5	23	5	19
F90M 10x1 - 1/4"	1/4"	6	10x1	4	23	3	15
F90M 14x1,5 - 1/4"	1/4"	6	14x1,5	5	23	5	19
F90M 16x1,5 - 1/4"	1/4"	6	16x1,5	7	22,5	5,5	22
F90M 18x1,5 - 1/4"	1/4"	6	18x1,5	7,5	23	7,5	22
F90M 14x1,5 - 5/16"	5/16"	8	14x1,5	5,5	32	5,5	19
F90M 16x1,5 - 5/16"	5/16"	8	16x1,5	7,5	27,5	7	22
F90M 18x1,5 - 5/16"	5/16"	8	18x1,5	7,5	29	7,5	22
F90M 14x1,5 - 3/8"	3/8"	10	14x1,5	5,5	33,5	5	19
F90M 16x1,5 - 3/8"	3/8"	10	16x1,5	7,5	33	6	22
F90M 18x1,5 - 3/8"	3/8"	10	18x1,5	7,5	33	7,5	22
F90M 20x1,5 - 3/8"	3/8"	10	20x1,5	10	33	6	27
F90M 22x1,5 - 3/8"	3/8"	10	22x1,5	9,5	32	4	27
F90M 16x1,5 - 1/2"	1/2"	12	16x1,5	7,5	40	5,5	22
F90M 18x1,5 - 1/2"	1/2"	12	18x1,5	7,5	41	6,5	22
F90M 20x1,5 - 1/2"	1/2"	12	20x1,5	9,5	40	4	27
F90M 22x1,5 - 1/2"	1/2"	12	22x1,5	9,5	41	4,5	27
F90M 24x1,5 - 1/2"	1/2"	12	24x1,5	12	41	6,5	30
F90M 24x1,5 - 5/8"	5/8"	16	24x1,5	12	48	6,5	30
F90M 26x1,5 - 5/8"	5/8"	16	26x1,5	15,5	49	9	32
F90M 27x1,5 - 5/8"	5/8"	16	27x1,5	15,5	53	6	32
F90M 28x1,5 - 5/8"	5/8"	16	28x1,5	15,5	42	6	32
F90M 26x1,5 - 3/4"	3/4"	20	26x1,5	15,5	55,5	7,5	32
F90M 27x1,5 - 3/4"	3/4"	20	27x1,5	15,5	56,5	6	32
F90M 28x1,5 - 3/4"	3/4"	20	28x1,5	15,5	56,5	6	32
F90M 30x1,5 - 3/4"	3/4"	20	30x1,5	14,5	56,5	7,5	36
F90M 30x1,5 - 3/4"	3/4"	20	30x1,5	14,5	56,5	7,5	36
F90M 38x1,5 - 1"	1"	25	38x1,5	24	49,5	7	46

N.B.: alcuni articoli possono essere forniti con dado pressato.



FJ90

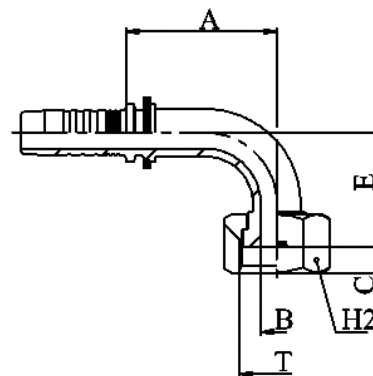
Femmina J.I.C. curva 90°
Ogiva 74° - Dado Passante

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)			
	Pollici	mm		B	A	C	H2
FJ90 7/16" - 1/8"	1/8"	4	7/16" - 20,0	2,5	20	8	15
FJ90 7/16" - 3/16"	3/16"	5	7/16" - 20,0	4	23	8	15
FJ90 7/16" - 1/4"	1/4"	6	7/16" - 20,0	4	23	8	15
FJ90 1/2" - 1/4"	1/4"	6	1/2" - 20,0	4	23	9,5	17
FJ90 9/16" - 1/4"	1/4"	6	9/16" - 18,0	7	23	9	19
FJ90 9/16" - 5/16"	5/16"	8	9/16" - 18,0	5	33,5	5	19
FJ90 9/16" - 3/8"	3/8"	10	9/16" - 18,0	7	32,5	10	19
FJ90 3/4" - 3/8"	3/8"	10	3/4" - 16,0	10	33	11	24
FJ90 7/8" - 3/8"	3/8"	10	7/8" - 14,0	7	35	14	27
FJ90 3/4" - 1/2"	1/2"	12	3/4" - 16,0	9,5	40	11	24
FJ90 7/8" - 1/2"	1/2"	12	7/8" - 14,0	13	40	13	27
FJ90 1 1/16" - 1/2"	1/2"	12	1 1/16" - 12,0	9	40	14	32
FJ90 7/8" - 5/8"	5/8"	16	7/8" - 14,0	12	48	13	27
FJ90 1 1/16" - 5/8"	5/8"	16	1 1/16" - 12,0	15	48	14,5	32
FJ90 7/8" - 3/4"	3/4"	20	7/8" - 14,0	12	56	14	27
FJ90 1 1/16" - 3/4"	3/4"	20	1 1/16" - 12,0	15	56	14,5	32
FJ90 1 3/16" - 3/4"	3/4"	20	1 3/16" - 12,0	15	58	14	36
FJ90 1 5/16" - 3/4"	3/4"	20	1 5/16" - 12,0	21	56	15	40
FJ90 1 1/16" - 3/4"	3/4"	20	1 1/16" - 12,0	15	56	14,5	32
FJ90 1 5/16" - 3/4"	3/4"	20	1 5/16" - 12,0	21	56	15	40
FJ90 1 5/16" - 1"	1"	25	1 5/16" - 12,0	20	82	15	40
FJ90 1 5/8" - 1 1/4"	1 1/4"	32	1 5/8" - 12,0	26	89	15	50
FJ90 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" - 12,0	32	106	17	55
FJ90 2 1/2" - 2"	2"	50	2 1/2" - 12,0	44	137	26	70

N.B.: alcuni articoli possono essere forniti con dado pressato.

FO90

Femmina O.R.F.S. curva 90°
SAE J516/J1453 - Dado Passante

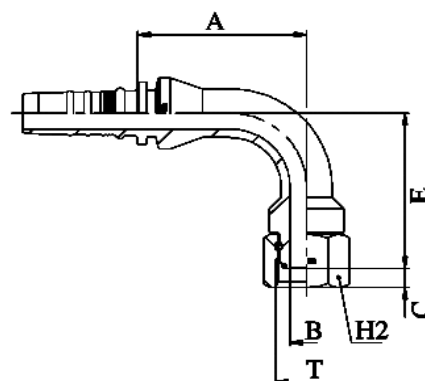


Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
FO90 9/16" - 1/4"	1/4"	6	9/16" - 18	4	27,5	8,2	24	17
FO90 11/16" - 1/4"	1/4"	6	11/16" - 16	7	27,5	9,5	22	22
FO90 11/16" - 5/16"	5/16"	8	11/16" - 16	7	32	9,5	23	22
FO90 11/16" - 3/8"	3/8"	10	11/16" - 16	7	30	9,5	24	22
FO90 13/16" - 3/8"	3/8"	10	13/16" - 16	9,3	30	11	26,5	24
FO90 11/16" - 1/2"	1/2"	12	11/16" - 16	7	30,9	9,5	24,5	22
FO90 13/16" - 1/2"	1/2"	12	13/16" - 16	9,3	40,5	11	30	24
FO90 1" - 1/2"	1/2"	12	1" - 14	11,5	40,5	13,5	30	30
FO90 1 3/16" - 1/2"	1/2"	12	1 3/16" - 12	13,9	39,5	14,5	37,5	36
FO90 1" - 5/8"	5/8"	16	1" - 14	11,5	48	13,5	37,5	30
FO90 1 3/16" - 5/8"	5/8"	16	1 3/16" - 12	13,9	48	14,5	41	36
FO90 1" - 3/4"	3/4"	19	1" - 14	11,5	49	13,5	38	30
FO90 1 3/16" - 3/4"	3/4"	19	1 3/16" - 12	13,9	56,5	14,5	41	36
FO90 1 7/16" - 3/4"	3/4"	19	1 7/16" - 12	19,8	56,5	14,8	47,5	41
FO90 1 3/16" - 1"	1"	25	1 3/16" - 12	13,9	57,6	14,5	48	36
FO90 1 7/16" - 1"	1"	25	1 7/16" - 12	19,8	71,5	14,8	56	41
FO90 1 11/16" - 1"	1"	25	1 11/16" - 12	26	71,5	14,8	58,5	50
FO90 1 11/16" - 1 1/4"	1 1/4"	31	1 11/16" - 12	26	83	14,8	66	50
FO90 2" - 1 1/2"	1 1/2"	38	2" - 12	32	102	14,8	79,5	60

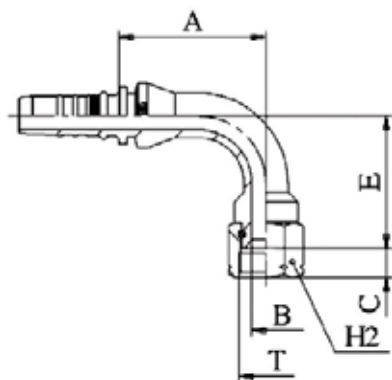
N.B.: alcuni articoli possono essere forniti con dado pressato.

F90I

Femmina Gas curva 90° - Interlock
Cono 60° - Dado Spinato



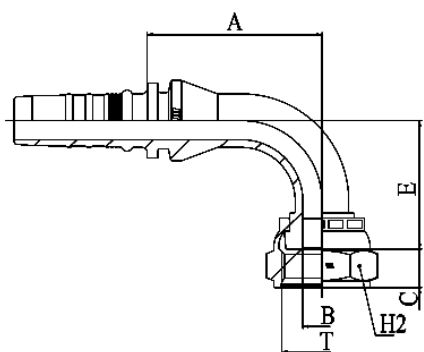
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
F90I 3/4" - 3/4"	3/4"	19	3/4" - 14	14,3	72,5	8,5	70	32
F90I 1" - 1"	1"	25	1" - 11	19	82,5	10,6	80,5	41
F90I 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4" - 11	26	98,6	10,1	98	50
F90I 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2" - 11	32	111,5	12,5	109	60
F90I 2" - 2"	2"	51	2" - 11	42	143	16,1	140,5	70



FJ90I

Femmina J.I.C. curva 90° - Interlock
Ogiva 74° - Dado Spinato

Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
FJ45 1 1/16" - 3/4"	3/4"	19	1 1/16" - 12	15	73	14,4	66	32
FJ45 1 5/16" - 1"	1"	25	1 5/16" - 12	21,7	82,5	15,2	77,5	41
FJ45 1 5/8" - 1 1/4"	1 1/4"	31	1 5/8" - 12	26	98,5	16,2	92	50
FJ45 1 7/8" - 1 1/2"	1 1/2"	38	1 7/8" - 12	32	115,5	18,8	106	60
FJ45 2 1/2" - 2"	2"	51	2 1/2" - 12	42	144,5	24	137	75



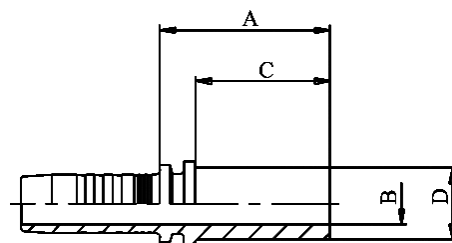
FO90I

Femmina O.R.F.S. curva 90° - Interlock
SAE J516/J1453 - Dado Spinato

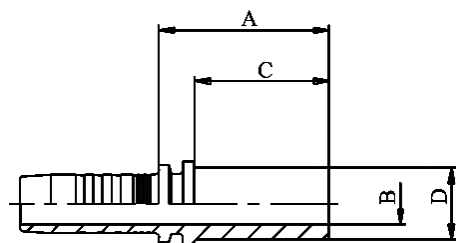
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		B	A	C	E	H2
FO90I 1 3/16" - 3/4"	3/4"	19	1 3/16" - 12	14,3	65,5	14,5	48	36
FO90I 1 7/16" - 1"	1"	25	1 7/16" - 12	19	85	15	54	41
FO90I 1 11/16" - 1 1/4"	1 1/4"	31	1 11/16" - 12	24	98,5	14,8	65	50
FO90I 2" - 1 1/2"	1 1/2"	38	2" - 12	30,5	115,5	15,8	79,5	60

ET L

Estremità Tubolare Metrica
Serie Leggera



Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	C
ET 06L - 3/16"	3/16"	5	6	3	28,6	22
ET 08L - 3/16"	3/16"	5	8	5	28,6	22
ET 06L - 1/4"	1/4"	6	6	3	29,5	22
ET 08L - 1/4"	1/4"	6	8	5	29,5	22
ET 10L - 1/4"	1/4"	6	10	7	30,5	25
ET 12L - 1/4"	1/4"	6	12	8	30,5	25
ET 08L - 5/16"	5/16"	8	8	5	30,5	22
ET 10L - 5/16"	5/16"	8	10	7	30,5	23
ET 12L - 5/16"	5/16"	8	12	8	32,6	25
ET 08L - 3/8"	3/8"	10	8	5	30,5	22
ET 10L - 3/8"	3/8"	10	10	7	30,6	23
ET 12L - 3/8"	3/8"	10	12	8	30,6	23
ET 15L - 3/8"	3/8"	10	15	10,5	32,6	25
ET 12L - 1/2"	1/2"	12	12	8	30,9	23
ET 15L - 1/2"	1/2"	12	15	10,5	32,9	25
ET 18L - 1/2"	1/2"	12	18	12,5	33,9	26
ET 18L - 5/8"	5/8"	16	18	12,5	34,2	26
ET 22L - 5/8"	5/8"	16	22	15	36,2	28
ET 18L - 3/4"	3/4"	19	18	14,5	36,2	26
ET 22L - 3/4"	3/4"	19	22	15	38	28
ET 28L - 1"	1"	25	28	20,5	41,3	30
ET 35L - 1"	1"	25	35	26	45	35
ET 35L - 1 1/4"	1 1/4"	31	35	26	48,5	36
ET 35L - 1 1/2"	1 1/2"	38	35	30	47	35
ET 42L - 1 1/2"	1 1/2"	38	42	32	52,6	40



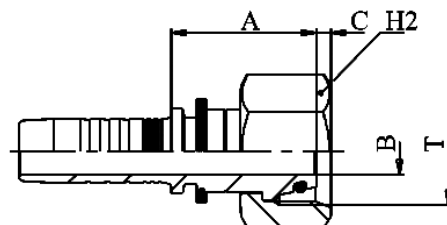
ET S

Estremità Tubolare Metrica
Serie Pesante

Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	C
ET 06S - 3/16"	3/16"	5	6	4	30	23
ET 08S - 3/16"	3/16"	5	8	3	30,6	24
ET 06S - 1/4"	1/4"	6	6	4	31	23
ET 08S - 1/4"	1/4"	6	8	4	31,5	24
ET 10S - 1/4"	1/4"	6	10	4	33,5	26
ET 12S - 1/4"	1/4"	6	12	7	33,5	26
ET 08S - 5/16"	5/16"	8	8	5,5	31	23
ET 10S - 5/16"	5/16"	8	10	6	33	25
ET 12S - 5/16"	5/16"	8	12	7	33,5	26
ET 08S - 3/8"	3/8"	10	8	5,5	31	23
ET 10S - 3/8"	3/8"	10	10	6	33	25
ET 12S - 3/8"	3/8"	10	12	8	33	26
ET 14S - 3/8"	3/8"	10	14	8	36,6	29
ET 16S - 3/8"	3/8"	10	16	12	39	31
ET 12S - 1/2"	1/2"	12	12	8	34	25
ET 14S - 1/2"	1/2"	12	14	9,3	36,9	29
ET 16S - 1/2"	1/2"	12	16	10,5	37,9	30
ET 16S - 5/8"	5/8"	16	16	12	40	31
ET 20S - 5/8"	5/8"	16	20	12,5	44,2	36
ET 20S - 3/4"	3/4"	19	20	15	46	36
ET 25S - 3/4"	3/4"	19	25	15	50	40
ET 25S - 1"	1"	25	25	15	51,3	40
ET 30S - 1"	1"	25	30	20,5	55,3	44
ET 38S - 1"	1"	25	38	26	61,3	50
ET 30S - 1 1/4"	1 1/4"	31	30	20,5	56,5	44
ET 38S - 1 1/4"	1 1/4"	31	38	26	62,5	50
ET 38S - 1 1/2"	1 1/2"	38	38	26	62,6	50

ETO L

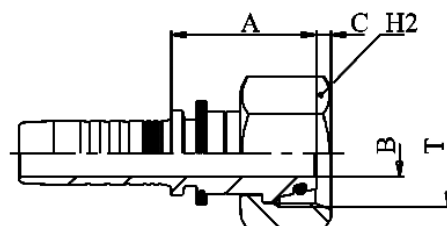
Femmina Metrica O-Ring
Ogiva 24° - Dado Libero
Serie Leggera



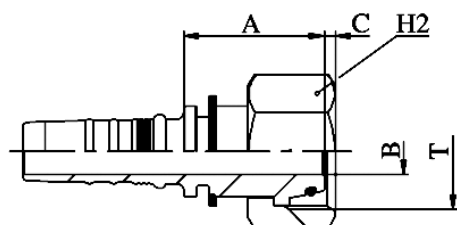
Codice	Ø Int. Tubo - DN -		Filetto - T	Dimensioni (mm)		
	Pollici	mm		B	A	H2
ETO 06L - 3/16"	3/16"	5	12x1,5	6	25	14
ETO 08L - 3/16"	3/16"	5	14x1,5	8	26	17
ETO 10L - 1/4"	1/4"	6	16x1,5	10	26,5	19
ETO 12L - 1/4"	1/4"	6	18x1,5	12	26,5	22
ETO 08L - 1/4"	1/4"	6	14x1,5	8	26	17
ETO 10L - 5/16"	5/16"	8	16x1,5	10	26,5	19
ETO 12L - 5/16"	5/16"	8	18x1,5	12	26,5	22
ETO 12L - 3/8"	3/8"	10	18x1,5	12	26,5	22
ETO 15L - 3/8"	3/8"	10	22x1,5	15	27	27
ETO 15L - 1/2"	1/2"	12	22x1,5	15	27,5	27
ETO 18L - 1/2"	1/2"	12	26x1,5	18	28	32
ETO 18L - 5/8"	5/8"	16	26x1,5	18	28	32
ETO 22L - 5/8"	5/8"	16	30x2	22	31	36
ETO 22L - 3/4"	3/4"	20	30x2	22	31	36
ETO 28L - 1"	1"	25	36x2	28	32,5	41
ETO 35L - 1"	1"	25	45x2	35	-	50
ETO 35L - 1 1/4"	1 1/4"	32	45x2	35	37	50
ETO 35L - 1 1/2"	1 1/2"	38	45x2	35	-	50
ETO 42L - 1 1/2"	1 1/2"	38	52x2	42	38,5	60

ETO S

Femmina Metrica O-Ring
Ogiva 24° - Dado Libero
Serie Pesante



Codice	Ø Int. Tubo - DN -		Filetto - T	Dimensioni (mm)		
	Pollici	mm		B	A	H2
ETO 06S - 3/16"	3/16"	5	14x1,5	6	25	17
ETO 08S - 3/16"	3/16"	5	16x1,5	8	26	19
ETO 10S - 1/4"	1/4"	6	18x1,5	10	26,5	22
ETO 12S - 1/4"	1/4"	6	20x1,5	12	26,5	24
ETO 08S - 1/4"	1/4"	6	16x1,5	8	26	19
ETO 10S - 5/16"	5/16"	8	18x1,5	10	26,5	22
ETO 12S - 5/16"	5/16"	8	20x1,5	12	26,5	24
ETO 12S - 3/8"	3/8"	10	20x1,5	12	26,5	24
ETO 14S - 3/8"	3/8"	10	22x1,5	14	30	27
ETO 16S - 3/8"	3/8"	10	24x1,5	16	-	30
ETO 14S - 1/2"	1/2"	12	22x1,5	14	32	27
ETO 16S - 1/2"	1/2"	12	24x1,5	16	30,5	30
ETO 20S - 5/8"	5/8"	16	30x2	20	35	36
ETO 20S - 3/4"	3/4"	20	30x2	20	35	36
ETO 25S - 3/4"	3/4"	20	36x2	25	38,5	46
ETO 25S - 3/4"	3/4"	20	36x2	25	38,5	46
ETO 25S - 1"	1"	25	36x2	25	39,5	46
ETO 30S - 1"	1"	25	42x2	30	41	50
ETO 30S - 1 1/4"	1 1/4"	32	42x2	30	42	50
ETO 38S - 1 1/4"	1 1/4"	32	52x2	38	46,5	60
ETO 38S - 1 1/2"	1 1/2"	38	52x2	38	48	60



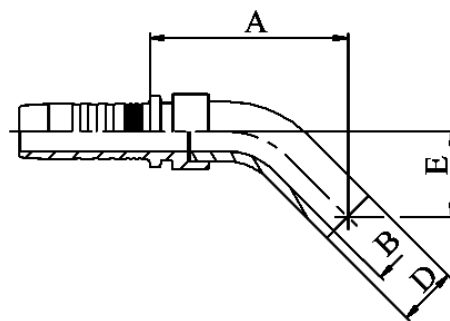
ETOI

Femmina Metrica O-Ring - Interlock
Ogiva 24° - Dado Libero
Serie Pesante

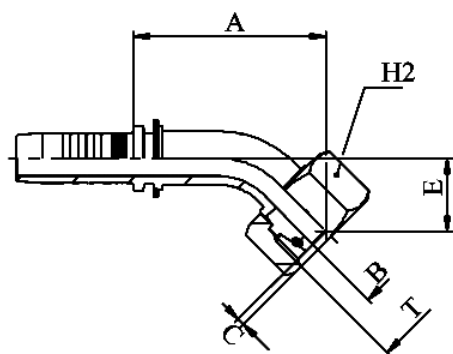
Codice	Ø Int. Tubo - DN -		Filetto T	Dimensioni (mm)				
	Pollici	mm		Canna	B	A	C	H2
ETOI M 30x2 - 5/8"	5/8"	16	M 30x2	20	12	37,5	3,5	36
ETOI M 30x2 - 3/4"	3/4"	19	M 30x2	20	12,5	50,3	3,2	36
ETOI M 36x2 - 3/4"	3/4"	19	M 36x2	25	14,3	40,5	3,4	41
ETOI M 42x2 - 3/4"	3/4"	19	M 42x2	30	19	45,4	5,3	50
ETOI M 36x2 - 1"	1"	25	M 36x2	25	16	46,8	4,1	41
ETOI M 42x2 - 1"	1"	25	M 42x2	30	19	44,5	5,3	50
ETOI M 42x2 - 1 1/4"	1 1/4"	31	M 42x2	38	26	51,5	8	60
ETOI M 52x2 - 1 1/2"	1 1/2"	38	M 52x2	38	26	52,5	8,8	60

ET45

Estremità Tubolare Metrica Curva 45°



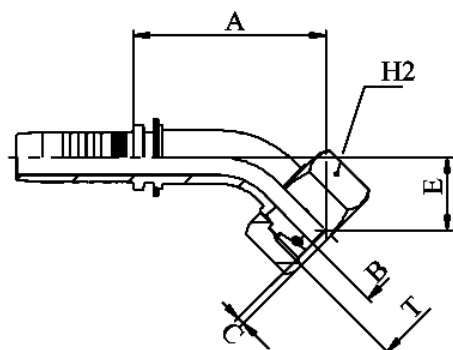
Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	E
ET45 06 - 3/16"	3/16"	5	6	4	41	22
ET45 08 - 3/16"	3/16"	5	8	4	43	24
ET45 10 - 3/16"	3/16"	5	10	7	51	22
ET45 06 - 1/4"	1/4"	6	6	4	41	22
ET45 08 - 1/4"	1/4"	6	8	5	46	28
ET45 10 - 1/4"	1/4"	6	10	7	46	23
ET45 12 - 1/4"	1/4"	6	12	8	48	24
ET45 08 - 5/16"	5/16"	8	8	5	44	23
ET45 10 - 5/16"	5/16"	8	10	7	46	23,5
ET45 12 - 5/16"	5/16"	8	12	8	48	24
ET45 08 - 3/8"	3/8"	10	8	4	45	22
ET45 10 - 3/8"	3/8"	10	10	7	48	28
ET45 12 - 3/8"	3/8"	10	12	8	48	28
ET45 14 - 3/8"	3/8"	10	14	9,5	55,5	27
ET45 18 - 3/8"	3/8"	10	18	14	61	30
ET45 20 - 3/8"	3/8"	10	20	16	64	35
ET45 12 - 1/2"	1/2"	12	12	8	50	24
ET45 14 - 1/2"	1/2"	12	14	10	54	28
ET45 15 - 1/2"	1/2"	12	15	11	55	27
ET45 16 - 1/2"	1/2"	12	16	12	58	29
ET45 18 - 1/2"	1/2"	12	18	14	62	31
ET45 20 - 1/2"	1/2"	12	20	14	66	38
ET45 16 - 5/8"	5/8"	16	16	12	59	24
ET45 18 - 5/8"	5/8"	16	18	14	61	30
ET45 20 - 5/8"	5/8"	16	20	15	72	37
ET45 22 - 5/8"	5/8"	16	22	18	70	35
ET45 18 - 3/4"	3/4"	20	18	14	61	32
ET45 20 - 3/4"	3/4"	20	20	15	66	34
ET45 22 - 3/4"	3/4"	20	22	18	66	34
ET45 25 - 3/4"	3/4"	20	25	20	77	38
ET45 28 - 3/4"	3/4"	20	28	24	80	40
ET45 25 - 1"	1"	25	25	20	76	40
ET45 28 - 1"	1"	25	28	24	79	40
ET45 30 - 1"	1"	25	30	24	89	43
ET45 35 - 1"	1"	25	35	29	95	47
ET45 30 - 1 1/4"	1 1/4"	32	30	24	89	43
ET45 35 - 1 1/4"	1 1/4"	32	35	29	96	47
ET45 38 - 1 1/4"	1 1/4"	32	38	32	103	51
ET45 35 - 1 1/2"	1 1/2"	38	35	29	100	38
ET45 38 - 1 1/2"	1 1/2"	38	38	32	102	50
ET45 42 - 1 1/2"	1 1/2"	38	42	36	113	60



ETO45 L

Femmina Curva 45° Metrica O-Ring
Ogiva 24° - Dado Libero
Serie Leggera

Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	H2
ETO45 10L - 1/4"	1/4"	6	16X1,5	10	39	19
ETO45 12L - 1/4"	1/4"	6	18X1,5	12	43,5	19
ETO45 08L - 1/4"	1/4"	6	14X1,5	8	38	17
ETO45 10L - 5/16"	5/16"	8	16X1,5	10	49,5	19
ETO45 12L - 5/16"	5/16"	8	18X1,5	12	41	22
ETO45 12L - 3/8"	3/8"	10	18X1,5	12	51,5	22
ETO45 15L - 3/8"	3/8"	10	22x1,5	15	49	27
ETO45 15L - 1/2"	1/2"	12	22x1,5	15	56	27
ETO45 18L - 1/2"	1/2"	12	26x1,5	18	57	32
ETO45 18L - 5/8"	5/8"	16	26x1,5	18	67	32
ETO45 22L - 5/8"	5/8"	16	30x2	22	65	36
ETO45 22L - 3/4"	3/4"	20	30x2	22	65	36
ETO45 22L - 3/4"	3/4"	20	30x2	22	-	36
ETO45 28L - 1"	1"	25	36x2	28	78	41
ETO45 35L - 1 1/4"	1 1/4"	32	45x2	35	99	50
ETO45 42L - 1 1/2"	1 1/2"	38	52X2	42	117	60



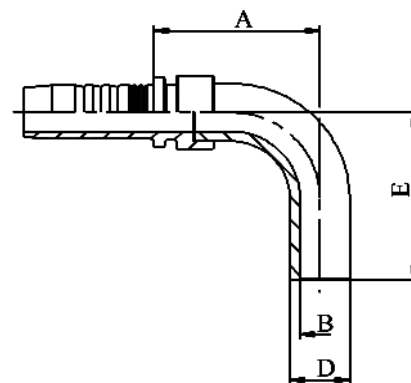
ETO45 S

Femmina Curva 45° Metrica O-Ring
Ogiva 24° - Dado Libero
Serie Pesante

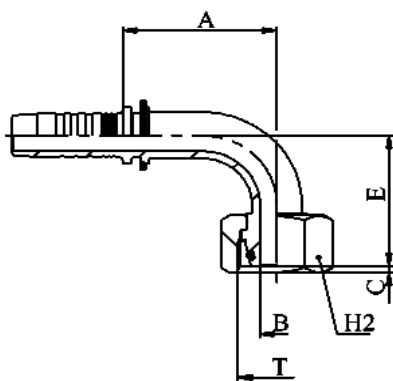
Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	H2
ETO45 10S - 1/4"	1/4"	6	18X1,5	10	39	22
ETO45 12S - 1/4"	1/4"	6	20X1,5	12	43,5	22
ETO45 08S - 1/4"	1/4"	6	16X1,5	8	38	19
ETO45 10S - 5/16"	5/16"	8	18X1,5	10	40,5	22
ETO45 12S - 5/16"	5/16"	8	20X1,5	12	40	24
ETO45 12S - 3/8"	3/8"	10	20X1,5	12	51,5	24
ETO45 14S - 3/8"	3/8"	10	22x1,5	14	52	27
ETO45 16S - 3/8"	3/8"	10	24x1,5	16	-	30
ETO45 14S - 1/2"	1/2"	12	22x1,5	14	57	27
ETO45 16S - 1/2"	1/2"	12	24x1,5	16	57	30
ETO45 20S - 5/8"	5/8"	16	30x2	20	69	36
ETO45 20S - 3/4"	3/4"	20	30x2	20	68	36
ETO45 25S - 3/4"	3/4"	20	36x2	25	68	46
ETO45 20S - 3/4"	3/4"	20	30x2	20	-	36
ETO45 25S - 3/4"	3/4"	20	36x2	25	-	46
ETO45 25S - 1"	1"	25	36x2	25	85	46
ETO45 30S - 1"	1"	25	42x2	30	81	50
ETO45 30S - 1 1/4"	1 1/4"	32	42x2	30	99	50
ETO45 38S - 1 1/4"	1 1/4"	32	52X2	38	97	60
ETO45 38S - 1 1/2"	1 1/2"	38	52X2	38	120	60

ET90

Estremità Tubolare Metrica Curva 90°



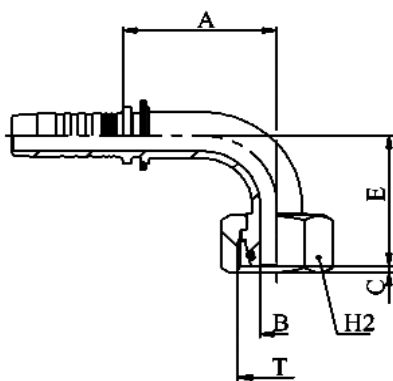
Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	E
ET90 06 - 3/16"	3/16"	5	6	4	26,5	33
ET90 08 - 3/16"	3/16"	5	8	5	28	39
ET90 10 - 3/16"	3/16"	5	10	4,5	30	38
ET90 06 - 1/4"	1/4"	6	6	4	26	36
ET90 08 - 1/4"	1/4"	6	8	5	28	39
ET90 10 - 1/4"	1/4"	6	10	7	31	42
ET90 12 - 1/4"	1/4"	6	12	8	35	45
ET90 08 - 5/16"	5/16"	8	8	4,5	29	40
ET90 10 - 5/16"	5/16"	8	10	7	23	40
ET90 12 - 5/16"	5/16"	8	12	8	35	45
ET90 08 - 3/8"	3/8"	10	8	5	31	39
ET90 10 - 3/8"	3/8"	10	10	7	32	42
ET90 12 - 3/8"	3/8"	10	12	8	35	45
ET90 15 - 3/8"	3/8"	10	15	10,5	41	47
ET90 16 - 3/8"	3/8"	10	16	12	46	55
ET90 18 - 3/8"	3/8"	10	18	14	46	59
ET90 12 - 1/2"	1/2"	12	12	8	36	45
ET90 14 - 1/2"	1/2"	12	14	10	42	52
ET90 15 - 1/2"	1/2"	12	15	11	42	52
ET90 16 - 1/2"	1/2"	12	16	12	42	55
ET90 18 - 1/2"	1/2"	12	18	14	47	55
ET90 16 - 5/8"	5/8"	16	16	12	44	53
ET90 18 - 5/8"	5/8"	16	18	14	45	58
ET90 20 - 5/8"	5/8"	16	20	15	48	65
ET90 22 - 5/8"	5/8"	16	22	18	48	65
ET90 18 - 3/4"	3/4"	20	18	14	46	60
ET90 20 - 3/4"	3/4"	20	20	14	53	66
ET90 22 - 3/4"	3/4"	20	22	18	49	65
ET90 25 - 3/4"	3/4"	20	25	19	61	72
ET90 25 - 1"	1"	25	25	20	73	94
ET90 28 - 1"	1"	25	28	22	61	76
ET90 30 - 1"	1"	25	30	24	68	87
ET90 35 - 1"	1"	25	35	29	73	95
ET90 28 - 1 1/4"	1 1/4"	32	28	26	64,5	76
ET90 30 - 1 1/4"	1 1/4"	32	30	24	69	87
ET90 35 - 1 1/4"	1 1/4"	32	35	29	74	95
ET90 38 - 1 1/4"	1 1/4"	32	38	32	83	105
ET90 42 - 1 1/4"	1 1/4"	32	42	-	-	-
ET90 35 - 1 1/2"	1 1/2"	38	35	29	75	95
ET90 38 - 1 1/2"	1 1/2"	38	38	31	79	106
ET90 42 - 1 1/2"	1 1/2"	38	42	36	93	118



ETO90 L

Femmina Curva 90° Metrica O-Ring
Ogiva 24° - Dado Libero
Serie Leggera

Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	H2
ETO90 10L - 3/16"	3/16"	6	12X1,5	10	24	19
ETO90 12L - 3/16"	3/16"	6	14X1,5	12	25,5	22
ETO90 08L - 1/4"	1/4"	6	18X1,5	8	21,5	17
ETO90 10L - 1/4"	1/4"	8	12X1,5	10	29	19
ETO90 12L - 1/4"	1/4"	8	14X1,5	12	29,5	22
ETO90 12L - 5/16"	5/16"	10	18X1,5	12	35	22
ETO90 15L - 3/8"	3/8"	10	18X1,5	15	33	27
ETO90 15L - 3/8"	3/8"	12	24x1,5	15	39	27
ETO90 18L - 1/2"	1/2"	12	20X1,5	18	40	32
ETO90 18L - 1/2"	1/2"	16	22x1,5	18	50	32
ETO90 22L - 1/2"	1/2"	16	24x1,5	22	49	36
ETO90 22L - 5/8"	5/8"	20	26x1,5	22	56	36
ETO90 28L - 3/4"	3/4"	25	30x2	28	73	41
ETO90 35L - 1"	1"	32	36x2	35	88	50
ETO90 42L - 1 1/4"	1 1/4"	38	42x2	42	107	60



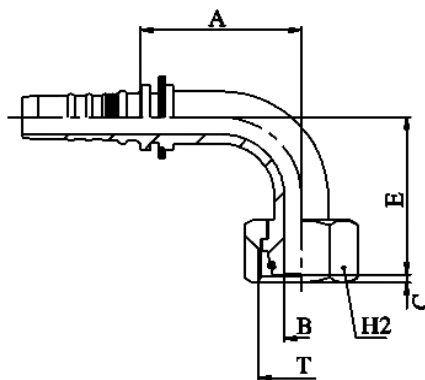
ETO90 S

Femmina Curva 90° Metrica O-Ring
Ogiva 24° - Dado Libero
Serie Pesante

Codice	Ø Int. Tubo - DN -		Ø Tubolare - D	Dimensioni (mm)		
	Pollici	mm		B	A	H2
ETO90 10S - 3/16"	3/16"	6	14X1,5	10	25,5	22
ETO90 12S - 3/16"	3/16"	6	16X1,5	12	25,5	24
ETO90 08S - 1/4"	1/4"	6	20X1,5	8	21,5	19
ETO90 10S - 1/4"	1/4"	8	14X1,5	10	30,5	22
ETO90 12S - 1/4"	1/4"	8	16X1,5	12	29,5	24
ETO90 12S - 5/16"	5/16"	10	20X1,5	12	35	24
ETO90 14S - 3/8"	3/8"	10	16X1,5	14	33	27
ETO90 14S - 3/8"	3/8"	12	22x1,5	14	40	27
ETO90 16S - 1/2"	1/2"	12	18X1,5	16	41	30
ETO90 20S - 1/2"	1/2"	16	22x1,5	20	48,5	36
ETO90 20S - 1/2"	1/2"	20	26x1,5	20	56	36
ETO90 25S - 5/8"	5/8"	20	30x2	25	62,5	46
ETO90 25S - 3/4"	3/4"	25	36x2	25	69	46
ETO90 30S - 3/4"	3/4"	25	30x2	30	66	50
ETO90 30S - 3/4"	3/4"	32	36x2	30	88	50
ETO90 38S - 1"	1"	32	36x2	38	95	50
ETO90 38S - 1"	1"	38	42x2	38	103	60

ETO90I

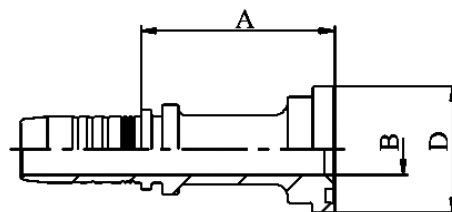
Femmina Curva 90° Metrica O-Ring - Interlock
Ogiva 24° - Dado Libero
Serie Pesante



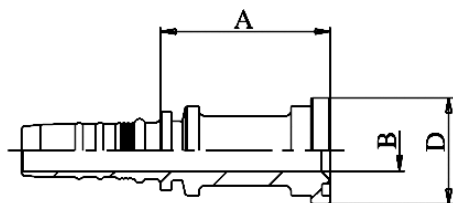
Codice	Ø Int. Tubo - DN -		Filetto	Dimensioni (mm)					
	Pollici	mm		Canna	B	A	C	E	H2
ETO90I M 30x2 - 5/8"	5/8"	16	M 30x2	20	12	52,5	3,5	57,5	36
ETO90I M 30x2 - 3/4"	3/4"	19	M 30x2	20	12,5	64	3,2	68,5	36
ETO90I M 36x2 - 3/4"	3/4"	19	M 36x2	25	14,3	67,5	3,4	67,5	41
ETO90I M 36x2 - 1"	1"	25	M 36x2	25	16	82	4,1	89	41
ETO90I M 42x2 - 1"	1"	25	M 42x2	30	19	82	5,3	75,5	50
ETO90I M 52x2 - 1 1/4"	1 1/4"	31	M 52x2	38	26	100	8	86,5	60

FL3D

Flangia Dritta SAE J518
3000 psi



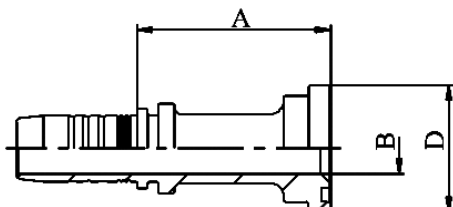
Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)		
	Pollici	mm		B	A	D
FL3D F 1/2" - 1/2"	1/2"	12	1/2"	9,3	50,9	30,3
FL3D F 3/4" - 1/2"	1/2"	12	3/4"	15	57,7	38
FL3D F 3/4" - 5/8"	5/8"	16	3/4"	15	65,7	38
FL3D F 3/4" - 3/4"	3/4"	19	3/4"	15	58	38
FL3D F 1" - 3/4"	3/4"	19	1"	20	58	44,6
FL3D F 1" - 1"	1"	25	1"	19,8	64,3	44,6
FL3D F 1 1/4" - 1"	1"	25	1 1/4"	26	70,3	51
FL3D F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	70,5	51
FL3D F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	72,5	60,5
FL3D F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	75,6	60,5
FL3D F 2" - 1 1/2"	1 1/2"	38	2"	42	75,6	71,6
FL3D F 2" - 2"	2"	51	2"	42	78,9	71,6
FL3D F 2 1/2" - 2"	2"	51	2 1/2"	56	80,9	84,3
FL3D F 2 1/2" - 2 3/8"	2 3/8"	60	2 1/2"	56	84	84,3
FL3D F 2 1/2" - 2 1/2"	2 1/2"	63	2 1/2"	56	84	84,3
FL3D F 3" - 3"	3"	76	3"	69	86	101,6



FL3DI

Flangia Dritta SAE J518 - Interlock
3000 psi

Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)		
	Pollici	mm		B	A	D
FL3DI F 3/4" - 3/4"	3/4"	19	3/4"	16	60,8	38
FL3DI F 1" - 3/4"	3/4"	19	1"	20	65,8	44,6
FL3DI F 1" - 1"	1"	25	1"	20	67	44,6
FL3DI F 1 1/4" - 1"	1"	25	1 1/4"	26	73	51
FL3DI F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	75	51
FL3DI F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	80	60,5
FL3DI F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	80,5	60,5
FL3DI F 2" - 1 1/2"	1 1/2"	38	2"	42	87,5	71,6
FL3DI F 2" - 2"	2"	51	2"	42	82,5	71,6



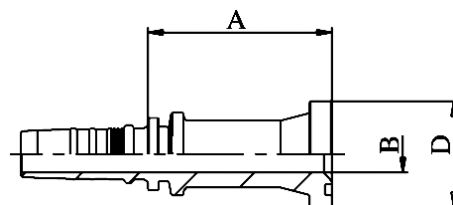
FL6D

Flangia Dritta SAE J518
6000 psi

Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)		
	Pollici	mm		B	A	D
FL6D F 1/2" - 1/2"	1/2"	12	1/2"	12	49,5	31,7
FL6D F 3/4" - 1/2"	1/2"	12	3/4"	12	55,5	41,3
FL6D F 1/2" - 5/8"	5/8"	16	1/2"	12	46,5	31,7
FL6D F 3/4" - 5/8"	5/8"	16	3/4"	-	-	41,3
FL6D F 1/2" - 3/4"	3/4"	20	1/2"	12	51	31,7
FL6D F 3/4" - 3/4"	3/4"	20	3/4"	18	60	41,3
FL6D F 1" - 3/4"	3/4"	20	1"	25	62,5	47,6
FL6D F 3/4" - 3/4"	3/4"	20	3/4"	19	60	41,3
FL6D F 1" - 3/4"	3/4"	20	1"	-	-	47,6
FL6D F 3/4" - 1"	1"	25	3/4"	21	61	41,3
FL6D F 1" - 1"	1"	25	1"	25	66,5	47,6
FL6D F 1 1/4" - 1"	1"	25	1 1/4"	32	70,5	54
FL6D F 1" - 1 1/4"	1 1/4"	32	1"	27	69	47,6
FL6D F 1 1/4" - 1 1/4"	1 1/4"	32	1 1/4"	32	71	54
FL6D F 1 1/2" - 1 1/4"	1 1/4"	32	1 1/2"	38	80	63,5
FL6D F 1 1/4" - 1 1/2"	1 1/2"	38	1 1/4"	33	73,5	54
FL6D F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	38	81	63,5
FL6D F 2" - 1 1/2"	1 1/2"	38	2"	36	100	79,4
FL6D F 2" - 2"	2"	50	2"	50	100	79,4

FL6DI

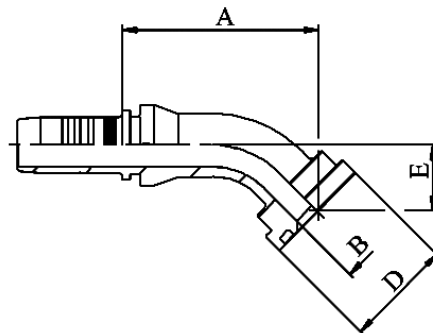
Flangia Dritta SAE J518 - Interlock
6000 psi



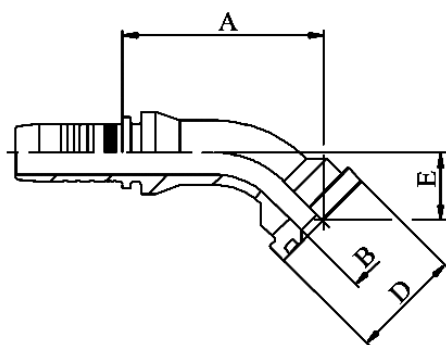
Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)		
	Pollici	mm		B	A	D
FL6DI F 3/4" - 3/4"	3/4"	19	3/4"	16	71,8	41,4
FL6DI F 1" - 3/4"	3/4"	19	1"	20	83,8	47,7
FL6DI F 3/4" - 1"	1"	25	3/4"	16	80,5	41,4
FL6DI F 1" - 1"	1"	25	1"	20	85	47,7
FL6DI F 1 1/4" - 1"	1"	25	1 1/4"	26	89	54,2
FL6DI F 1" - 1 1/4"	1 1/4"	31	1"	20	86,9	47,7
FL6DI F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	91	54,2
FL6DI F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	97	63,7
FL6DI F 1 1/4" - 1 1/2"	1 1/2"	38	1 1/4"	26	101	54,2
FL6DI F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	97,5	63,7
FL6DI F 2" - 1 1/2"	1 1/2"	38	2"	42	112,5	79,6
FL6DI F 2" - 2"	2"	51	2"	42	112,5	79,6

FL345

Flangia Curva 45° SAE J518
3000 psi



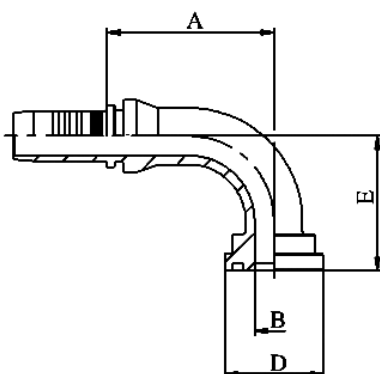
Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)			
	Pollici	mm		B	A	D	E
FL345 F 1/2" - 1/2"	1/2"	12	1/2"	9,3	58,5	30,3	18,5
FL345 F 3/4" - 1/2"	1/2"	12	3/4"	15	59,5	38	19
FL345 F 3/4" - 5/8"	5/8"	16	3/4"	15	61	38	22
FL345 F 3/4" - 3/4"	3/4"	19	3/4"	15	68,5	38	23
FL345 F 1" - 3/4"	3/4"	19	1"	20	68,5	44,6	23
FL345 F 1" - 1"	1"	25	1"	19,8	81,5	44,6	27,5
FL345 F 1 1/4" - 1"	1"	25	1 1/4"	26	81,5	51	27,5
FL345 F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	92	51	29,5
FL345 F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	93,5	60,5	31
FL345 F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	107,5	60,5	34,5
FL345 F 2" - 1 1/2"	1 1/2"	38	2"	42	107,5	71,6	34,5
FL345 F 2" - 2"	2"	51	2"	42	124	71,6	39



FL645

Flangia Curva 45° SAE J518
6000 psi

Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)			
	Pollici	mm		B	A	D	E
FL645 F 1/2" - 1/2"	1/2"	12	1/2"	9,3	62	31,8	22
FL645 F 3/4" - 1/2"	1/2"	12	3/4"	15	68	41,5	27,5
FL645 F 3/4" - 5/8"	5/8"	16	3/4"	15	67,5	41,5	31
FL645 F 3/4" - 3/4"	3/4"	19	3/4"	15	73	41,5	28
FL645 F 1" - 3/4"	3/4"	19	1"	20	77	47,7	32,5
FL645 F 1" - 1"	1"	25	1"	19,8	83,5	47,7	32,5
FL645 F 1 1/4" - 1"	1"	25	1 1/4"	26	88,5	54,2	37,5
FL645 F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	95,5	54,2	37,5
FL645 F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	102,5	63,7	45
FL645 F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	118	63,7	44
FL645 F 2" - 2"	2"	51	2"	42	151,5	79,6	60,5



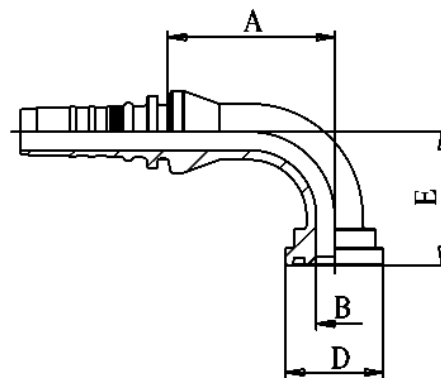
FL390

Flangia Curva 90° SAE J518
3000 psi

Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)			
	Pollici	mm		B	A	D	E
FL390 F 1/2" - 1/2"	1/2"	12	1/2"	9,3	54,5	30,3	40
FL390 F 3/4" - 1/2"	1/2"	12	3/4"	15	54,5	38	41
FL390 F 3/4" - 5/8"	5/8"	16	3/4"	15	56	38	47,5
FL390 F 3/4" - 3/4"	3/4"	19	3/4"	15	64,5	38	52
FL390 F 1" - 3/4"	3/4"	19	1"	20	64,5	44,6	52
FL390 F 1" - 1"	1"	25	1"	19,8	77,5	44,6	62
FL390 F 1 1/4" - 1"	1"	25	1 1/4"	26	77,5	51	62
FL390 F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	90,5	51	70
FL390 F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	90,5	60,5	72
FL390 F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	108	60,5	84
FL390 F 2" - 1 1/2"	1 1/2"	38	2"	42	108	71,6	84
FL390 F 2" - 2"	2"	51	2"	42	129	71,6	99
FL390 F 2 1/2" - 2 1/2"	2 1/2"	63	2 1/2"	52	88,5	84,3	95
FL390 F 3" - 3"	3"	76	3"	61	124	101,6	115

FL390I

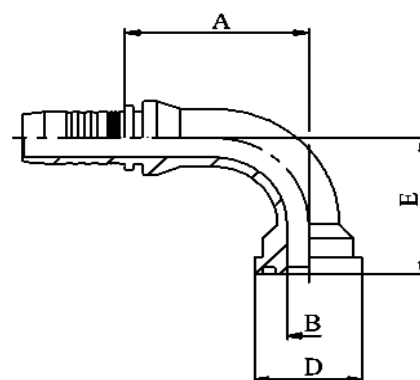
Flangia Curva 90° SAE J518 - Interlock
3000 psi



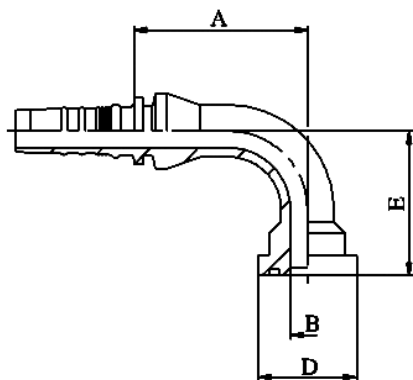
Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)			
	Pollici	mm		B	A	D	E
FL390I F 3/4" - 3/4"	3/4"	19	3/4"	16	73	38	52
FL390I F 1" - 3/4"	3/4"	19	1"	20	73	44,6	52
FL390I F 1" - 1"	1"	25	1"	20	84	44,6	62
FL390I F 1 1/4" - 1"	1"	25	1 1/4"	26	84	51	62
FL390I F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	99	51	70
FL390I F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	98,5	60,5	72
FL390I F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	111,5	60,5	84
FL390I F 2" - 2"	2"	51	2"	42	133	71,6	99

FL690

Flangia Curva 90° SAE J518
6000 psi



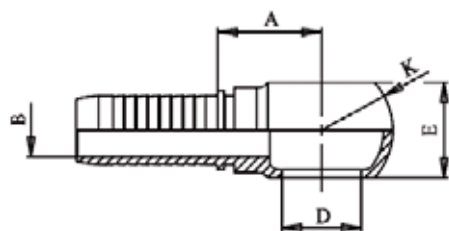
Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)			
	Pollici	mm		B	A	D	E
FL690 F 1/2" - 1/2"	1/2"	12	1/2"	9,3	54,5	31,8	45
FL690 F 3/4" - 1/2"	1/2"	12	3/4"	15	54,5	41,5	53
FL690 F 3/4" - 5/8"	5/8"	16	3/4"	15	56	41,5	58
FL690 F 3/4" - 3/4"	3/4"	19	3/4"	15	64	41,5	59
FL690 F 1" - 3/4"	3/4"	19	1"	20	64,5	47,7	65
FL690 F 1" - 1"	1"	25	1"	19,8	73,5	47,7	68
FL690 F 1 1/4" - 1"	1"	25	1 1/4"	26	73,5	54,2	75
FL690 F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	85,5	54,2	81
FL690 F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	85,5	63,7	91,5
FL690 F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	106	63,7	94,5
FL690 F 2" - 2"	2"	51	2"	42	138	79,6	132



FL690I

Flangia Curva 90° SAE J518 - Interlock
6000 psi

Codice	Ø Int. Tubo - DN -		Flangia (Pollici)	Dimensioni (mm)			
	Pollici	mm		B	A	D	E
FL690I F 3/4" - 3/4"	3/4"	19	3/4"	16	73	41,4	59
FL690I F 1" - 3/4"	3/4"	19	1"	20	73	47,7	65
FL690I F 3/4" - 1"	1"	25	3/4"	16	81,5	41,4	62
FL690I F 1" - 1"	1"	25	1"	20	81,5	47,7	68
FL690I F 1 1/4" - 1"	1"	25	1 1/4"	26	79	54,2	76
FL690I F 1" - 1 1/4"	1 1/4"	31	1"	20	98,5	47,7	79
FL690I F 1 1/4" - 1 1/4"	1 1/4"	31	1 1/4"	26	98,5	54,2	81
FL690I F 1 1/2" - 1 1/4"	1 1/4"	31	1 1/2"	32	98,5	63,7	91,5
FL690I F 1 1/4" - 1 1/2"	1 1/2"	38	1 1/4"	26	111	54,2	91
FL690I F 1 1/2" - 1 1/2"	1 1/2"	38	1 1/2"	32	112,5	63,7	94,5
FL690I F 2" - 1 1/2"	1 1/2"	38	2"	42	112,5	79,6	110,5
FL690I F 2" - 2"	2"	51	2"	42	140,5	79,6	132



OG

Occhiello Gas

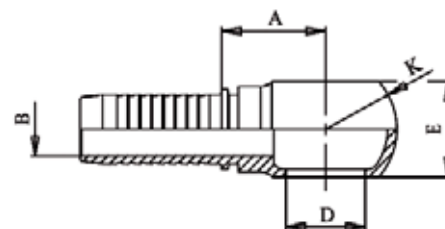
Disponibili anche in dimensioni non standard.

Codice	Ø Int. Tubo - DN -		Vite Cava	Dimensioni (mm)				
	Pollici	mm		B	A	D	E	K
OG F 1/4" - 1/4"	1/4"	6	1/4" - 19	4,1	22	13,3	14	24
OG F 3/8" - 5/16"	5/16"	8	3/8" - 19	5,1	23	16,7	18	28
OG F 3/8" - 3/8"	3/8"	10	3/8" - 19	7,1	24,1	16,7	18	28
OG F 1/2" - 3/8"	3/8"	10	1/2" - 14	7,1	27,1	21,2	22	35
OG F 1/2" - 1/2"	1/2"	12	1/2" - 14	9,6	27,5	21,2	22	35
OG F 5/8" - 5/8"	5/8"	16	5/8" - 14	12,1	28,2	23	23,5	38
OG F 3/4" - 3/4"	3/4"	19	3/4" - 14	15	36,5	26,7	29	45
OG F 1" - 1"	1"	25	1" - 11	20	44,5	33,4	36	54

OGM

Occhiello Metrico

Disponibili anche in dimensioni non standard.

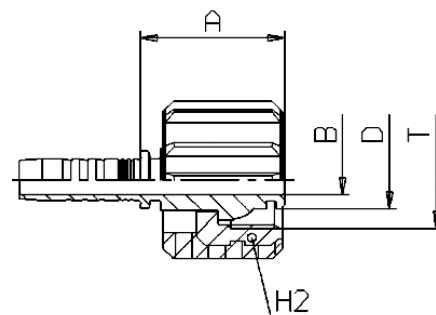


Codice	Ø Int. Tubo - DN -		Vite Cava (Pollici)	Dimensioni (mm)				
	Pollici	mm		B	A	D	E	K
OGM M12 x 1,5 - 1/4"	1/4"	6	M12 x 1,5	4,1	21	12	12	20
OGM M14 x 1,5 - 1/4"	1/4"	6	M14 x 1,5	4,1	21,5	14	14	24
OGM M14 x 1,5 - 5/16"	5/16"	8	M14 x 1,5	5,1	23,1	14	14	24
OGM M14 x 1,5 - 3/8"	3/8"	10	M14 x 1,5	7,1	24,1	14	14	24
OGM M16 x 1,5 - 3/8"	3/8"	10	M16 x 1,5	7,1	24,1	16	18	28
OGM M18 x 1,5 - 3/8"	3/8"	10	M18 x 1,5	7,1	27,1	18	20	32
OGM M18 x 1,5 - 1/2"	1/2"	12	M18 x 1,5	9,6	27,5	18	20	32
OGM M22 x 1,5 - 1/2"	1/2"	12	M22 x 1,5	9,6	27,5	22	22	35
OGM M22 x 1,5 - 5/8"	5/8"	16	M22 x 1,5	12,1	28,2	22	23,5	38
OGM M26 x 1,5 - 3/4"	3/4"	19	M26 x 1,5	15	36,5	26	29	45

FID

Femmina per Idropulitrici

Dado Passante



Codice	Ø Int. Tubo - DN -		Filetto - T	Dimensioni (mm)			
	Pollici	mm		B	A	D	H2
FID M 22x1,5 - 1/4"	1/4"	6	M 22x1,5	4	34	13,9	27
FID M 22x1,5 - 5/16"	5/16"	8	M 22x1,5	5,5	34	13,9	27
FID M 22x1,5 - 3/8"	3/8"	10	M 22x1,5	7	34	13,9	27
FID M 22x1,5 - 3/8"	3/8"	10	M 22x1,5	7	34	13,9	27

Tabelle diametro interno tubo di passaggio olio

Velocità m/sec		Portata - l/min																			
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Aspirazione	0,5	14,6	20,6	25,2	29,1	32,6	35,7	38,5	41,2	43,7	46,0	48,3	50,4	52,5	54,5	56,4	58,2	60,0	61,8	63,5	65,1
	1,0	10,3	14,6	17,8	20,6	23,0	25,2	27,2	29,1	30,9	32,6	34,1	35,7	37,1	38,5	39,9	41,2	42,4	43,7	44,9	46,0
	1,3	9,2	13,0	15,9	18,4	20,6	22,6	24,4	26,0	27,6	29,1	30,5	31,9	33,2	34,5	35,7	36,8	38,0	39,1	40,1	41,2
	1,5	8,4	11,9	14,6	16,8	18,8	20,6	22,2	23,8	25,2	26,6	27,9	29,1	30,3	31,5	32,6	33,6	34,7	35,7	36,6	37,6
Ritorno	1,8	7,8	11,0	13,5	15,6	17,4	19,1	20,6	22,0	23,3	24,6	25,8	27,0	28,1	29,1	30,1	31,1	32,1	33,0	33,9	34,8
	2,0	7,3	10,3	12,6	14,6	16,3	17,8	19,3	20,6	21,8	23,0	24,1	25,2	26,2	27,2	28,2	29,1	30,0	30,9	31,7	32,6
	2,5	6,5	9,2	11,3	13,0	14,6	15,9	17,2	18,4	19,5	20,6	21,6	22,6	23,5	24,4	25,2	26,0	26,8	27,6	28,4	29,1
Mandata	3,0	5,9	8,4	10,3	11,9	13,3	14,6	15,7	16,8	17,8	18,8	19,7	20,6	21,4	22,2	23,0	23,8	24,5	25,2	25,9	26,6
	3,5	5,5	7,8	9,5	11,0	12,3	13,5	14,6	15,6	16,5	17,4	18,3	19,1	19,8	20,6	21,3	22,0	22,7	23,3	24,0	24,6
	4,0	5,1	7,3	8,9	10,3	11,5	12,6	13,6	14,6	15,4	16,3	17,1	17,8	18,6	19,3	19,9	20,6	21,2	21,8	22,4	23,0
	4,5	4,9	6,9	8,4	9,7	10,9	11,9	12,8	13,7	14,6	15,3	16,1	16,8	17,5	18,2	18,8	19,4	20,0	20,6	21,2	21,7
	5,0	4,6	6,5	8,0	9,2	10,3	11,3	12,2	13,0	13,8	14,6	15,3	15,9	16,6	17,2	17,8	18,4	19,0	19,5	20,1	20,6
	5,5	4,4	6,2	7,6	8,8	9,8	10,8	11,6	12,4	13,2	13,9	14,6	15,2	15,8	16,4	17,0	17,6	18,1	18,6	19,1	19,6
	6,0	4,2	5,9	7,3	8,4	9,4	10,3	11,1	11,9	12,6	13,3	13,9	14,6	15,2	15,7	16,3	16,8	17,3	17,8	18,3	18,8
	6,5	4,0	5,7	7,0	8,1	9,0	9,9	10,7	11,4	12,1	12,8	13,4	14,0	14,6	15,1	15,6	16,2	16,7	17,1	17,6	18,1
	7,0	3,9	5,5	6,7	7,8	8,7	9,5	10,3	11,0	11,7	12,3	12,9	13,5	14,0	14,6	15,1	15,6	16,0	16,5	17,0	17,4
	7,5	3,8	5,3	6,5	7,5	8,4	9,2	9,9	10,6	11,3	11,9	12,5	13,0	13,6	14,1	14,6	15,0	15,5	15,9	16,4	16,8
	8,0	3,6	5,1	6,3	7,3	8,1	8,9	9,6	10,3	10,9	11,5	12,1	12,6	13,1	13,6	14,1	14,6	15,0	15,4	15,9	16,3
	8,5	3,5	5,0	6,1	7,1	7,9	8,7	9,3	10,0	10,6	11,2	11,7	12,2	12,7	13,2	13,7	14,1	14,6	15,0	15,4	15,8
	9,0	3,4	4,9	5,9	6,9	7,7	8,4	9,1	9,7	10,3	10,9	11,4	11,9	12,4	12,8	13,3	13,7	14,1	14,6	15,0	15,3
	9,5	3,3	4,7	5,8	6,7	7,5	8,2	8,8	9,4	10,0	10,6	11,1	11,6	12,0	12,5	12,9	13,4	13,8	14,2	14,6	14,9
	10,0	3,3	4,6	5,6	6,5	7,3	8,0	8,6	9,2	9,8	10,3	10,8	11,3	11,7	12,2	12,6	13,0	13,4	13,8	14,2	14,6
Velocità m/sec		Diametro interno Tubo - mm																			

Velocità m/sec		Portata - l/min																			
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Aspirazione	0,5	68,3	71,3	74,2	77,0	79,7	82,4	84,9	87,4	89,8	92,1	94,4	96,6	98,8	100,9	103,0	105,0	107,0	109,0	110,9	112,8
	1,0	48,3	50,4	52,5	54,5	56,4	58,2	60,0	61,8	63,5	65,1	66,7	68,3	69,8	71,3	72,8	74,2	75,7	77,0	78,4	79,7
	1,3	43,2	45,1	47,0	48,7	50,4	52,1	53,7	55,3	56,8	58,2	59,7	61,1	62,5	63,8	65,1	66,4	67,7	68,9	70,1	71,3
	1,5	39,4	41,2	42,9	44,5	46,0	47,6	49,0	50,4	51,8	53,2	54,5	55,8	57,0	58,2	59,4	60,6	61,8	62,9	64,0	65,1
Ritorno	1,8	36,5	38,1	39,7	41,2	42,6	44,0	45,4	46,7	48,0	49,2	50,4	51,6	52,8	53,9	55,0	56,1	57,2	58,2	59,3	60,3
	2,0	34,1	35,7	37,1	38,5	39,9	41,2	42,4	43,7	44,9	46,0	47,2	48,3	49,4	50,4	51,5	52,5	53,5	54,5	55,4	56,4
	2,5	30,5	31,9	33,2	34,5	35,7	36,8	38,0	39,1	40,1	41,2	42,2	43,2	44,2	45,1	46,0	47,0	47,8	48,7	49,6	50,4
Mandata	3,0	27,9	29,1	30,3	31,5	32,6	33,6	34,7	35,7	36,6	37,6	38,5	39,4	40,3	41,2	42,0	42,9	43,7	44,5	45,3	46,0
	3,5	25,8	27,0	28,1	29,1	30,1	31,1	32,1	33,0	33,9	34,8	35,7	36,5	37,3	38,1	38,9	39,7	40,4	41,2	41,9	42,6
	4,0	24,1	25,2	26,2	27,2	28,2	29,1	30,0	30,9	31,7	32,6	33,4	34,1	34,9	35,7	36,4	37,1	37,8	38,5	39,2	39,9
	4,5	22,8	23,8	24,7	25,7	26,6	27,5	28,3	29,1	29,9	30,7	31,5	32,2	32,9	33,6	34,3	35,0	35,7	36,3	37,0	37,6
	5,0	21,6	22,6	23,5	24,4	25,2	26,0	26,8	27,6	28,4	29,1	29,8	30,5	31,2	31,9	32,6	33,2	33,8	34,5	35,1	35,7
	5,5	20,6	21,5	22,4	23,2	24,0	24,8	25,6	26,3	27,1	27,8	28,5	29,1	29,8	30,4	31,0	31,7	32,3	32,9	33,4	34,0
	6,0	19,7	20,6	21,4	22,2	23,0	23,8	24,5	25,2	25,9	26,6	27,2	27,9	28,5	29,1	29,7	30,3	30,9	31,5	32,0	32,6
	6,5	18,9	19,8	20,6	21,4	22,1	22,8	23,5	24,2	24,9	25,5	26,2	26,8	27,4	28,0	28,6	29,1	29,7	30,2	30,8	31,3
	7,0	18,3	19,1	19,8	20,6	21,3	22,0	22,7	23,3	24,0	24,6	25,2	25,8	26,4	27,0	27,5	28,1	28,6	29,1	29,6	30,1
	7,5	17,6	18,4	19,2	19,9	20,6	21,3	21,9	22,6	23,2	23,8	24,4	24,9	25,5	26,0	26,6	27,1	27,6	28,1	28,6	29,1
	8,0	17,1	17,8	18,6	19,3	19,9	20,6	21,2	21,8	22,4	23,0	23,6	24,1	24,7	25,2	25,7	26,2	26,7	27,2	27,7	28,2
	8,5	16,6	17,3	18,0	18,7	19,3	20,0	20,6	21,2	21,8	22,3	22,9	23,4	24,0	24,5	25,0	25,5	26,0	26,4	26,9	27,4
	9,0	16,1	16,8	17,5	18,2	18,8	19,4	20,0	20,6	21,2	21,7	22,2	22,8	23,3	23,8	24,3	24,7	25,2	25,7	26,1	26,6
	9,5	15,7	16,4	17,0	17,7	18,3	18,9	19,5	20,0	20,6	21,1	21,6	22,2	22,7	23,1	23,6	24,1	24,5	25,0	25,4	25,9
	10,0	15,3	15,9	16,6	17,2	17,8	18,4	19,0	19,5	20,1	20,6	21,1	21,6	22,1	22,6	23,0	23,5	23,9	24,4	24,8	25,2
Velocità m/sec		Diametro interno Tubo - mm																			

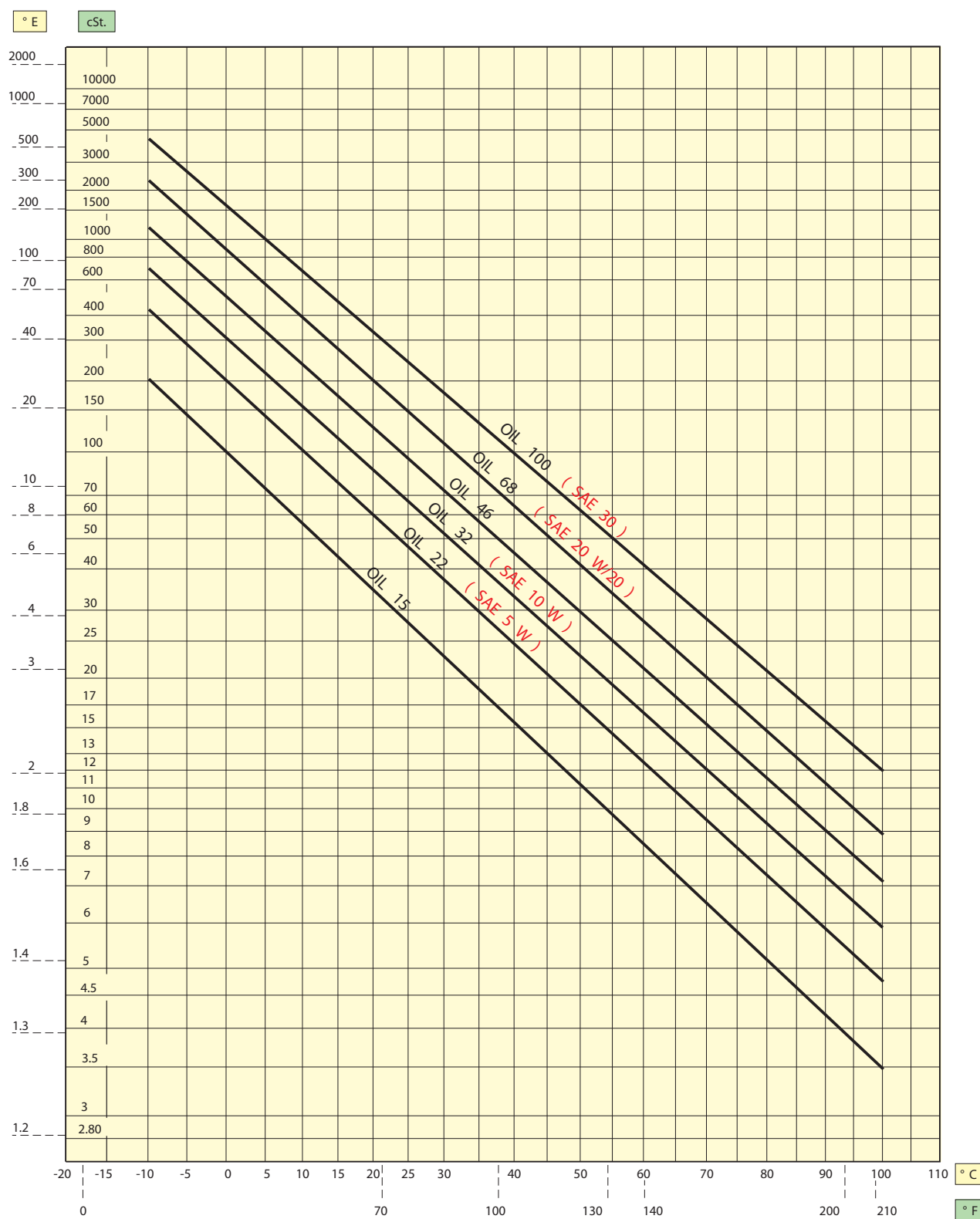
Tabelle diametro interno tubo di passaggio olio

Velocità m/sec		Portata - l/min																			
		320	340	360	380	400	420	440	460	480	500	520	540	560	580	600	620	640	660	680	700
Aspirazione	0,5	116,5	120,1	123,5	126,9	130,2	133,4	136,6	139,7	142,7	145,6	148,5	151,3	154,1	156,8	159,5	162,1	164,7	167,3	169,8	172,3
	1,0	82,4	84,9	87,4	89,8	92,1	94,4	96,6	98,8	100,9	103,0	105,0	107,0	109,0	110,9	112,8	114,6	116,5	118,3	120,1	121,8
	1,3	73,7	75,9	78,1	80,3	82,4	84,4	86,4	88,3	90,2	92,1	93,9	95,7	97,5	99,2	100,9	102,5	104,2	105,8	107,4	109,0
	1,5	67,3	69,3	71,3	73,3	75,2	77,0	78,9	80,6	82,4	84,1	85,7	87,4	89,0	90,5	92,1	93,6	95,1	96,6	98,0	99,5
Ritorno	1,8	62,3	64,2	66,0	67,8	69,6	71,3	73,0	74,6	76,3	77,8	79,4	80,9	82,4	83,8	85,3	86,7	88,1	89,4	90,8	92,1
	2,0	58,2	60,0	61,8	63,5	65,1	66,7	68,3	69,8	71,3	72,8	74,2	75,7	77,0	78,4	79,7	81,1	82,4	83,6	84,9	86,1
	2,5	52,1	53,7	55,3	56,8	58,2	59,7	61,1	62,5	63,8	65,1	66,4	67,7	68,9	70,1	71,3	72,5	73,7	74,8	75,9	77,0
Mandata	3,0	47,6	49,0	50,4	51,8	53,2	54,5	55,8	57,0	58,2	59,4	60,6	61,8	62,9	64,0	65,1	66,2	67,3	68,3	69,3	70,3
	3,5	44,0	45,4	46,7	48,0	49,2	50,4	51,6	52,8	53,9	55,0	56,1	57,2	58,2	59,3	60,3	61,3	62,3	63,2	64,2	65,1
	4,0	41,2	42,4	43,7	44,9	46,0	47,2	48,3	49,4	50,4	51,5	52,5	53,5	54,5	55,4	56,4	57,3	58,2	59,1	60,0	60,9
	4,5	38,8	40,0	41,2	42,3	43,4	44,5	45,5	46,6	47,6	48,5	49,5	50,4	51,4	52,3	53,2	54,0	54,9	55,8	56,6	57,4
	5,0	36,8	38,0	39,1	40,1	41,2	42,2	43,2	44,2	45,1	46,0	47,0	47,8	48,7	49,6	50,4	51,3	52,1	52,9	53,7	54,5
	5,5	35,1	36,2	37,3	38,3	39,3	40,2	41,2	42,1	43,0	43,9	44,8	45,6	46,5	47,3	48,1	48,9	49,7	50,4	51,2	51,9
	6,0	33,6	34,7	35,7	36,6	37,6	38,5	39,4	40,3	41,2	42,0	42,9	43,7	44,5	45,3	46,0	46,8	47,6	48,3	49,0	49,7
	6,5	32,3	33,3	34,3	35,2	36,1	37,0	37,9	38,7	39,6	40,4	41,2	42,0	42,7	43,5	44,2	45,0	45,7	46,4	47,1	47,8
	7,0	31,1	32,1	33,0	33,9	34,8	35,7	36,5	37,3	38,1	38,9	39,7	40,4	41,2	41,9	42,6	43,3	44,0	44,7	45,4	46,0
	7,5	30,1	31,0	31,9	32,8	33,6	34,5	35,3	36,1	36,8	37,6	38,3	39,1	39,8	40,5	41,2	41,9	42,5	43,2	43,8	44,5
	8,0	29,1	30,0	30,9	31,7	32,6	33,4	34,1	34,9	35,7	36,4	37,1	37,8	38,5	39,2	39,9	40,5	41,2	41,8	42,4	43,1
	8,5	28,3	29,1	30,0	30,8	31,6	32,4	33,1	33,9	34,6	35,3	36,0	36,7	37,4	38,0	38,7	39,3	40,0	40,6	41,2	41,8
	9,0	27,5	28,3	29,1	29,9	30,7	31,5	32,2	32,9	33,6	34,3	35,0	35,7	36,3	37,0	37,6	38,2	38,8	39,4	40,0	40,6
	9,5	26,7	27,5	28,3	29,1	29,9	30,6	31,3	32,0	32,7	33,4	34,1	34,7	35,4	36,0	36,6	37,2	37,8	38,4	39,0	39,5
	10,0	26,0	26,8	27,6	28,4	29,1	29,8	30,5	31,2	31,9	32,6	33,2	33,8	34,5	35,1	35,7	36,3	36,8	37,4	38,0	38,5
Velocità m/sec		Diametro interno Tubo - mm																			

Tabella di conversione pressione

Mpa	bar	Kg/cm ²	PSI	bar	Mpa	Kg/cm ²	PSI	Kg/cm ²	Mpa	bar	PSI	PSI	Mpa	bar	Kg/cm ²
1	10	10,19	145,14	1	0,1	1,019	14,5	1	0,902	0,981	14,22	1	0,007	0,069	0,0703
2	20	20,38	290,28	2	0,2	2,038	29	2	1,902	1,962	28,44	2	0,014	0,138	0,1406
3	30	30,57	435,42	3	0,3	3,057	43,5	3	2,902	2,943	42,66	3	0,021	0,207	0,2109
4	40	40,76	580,56	4	0,4	4,076	58	4	3,902	3,924	56,88	4	0,028	0,276	0,2812
5	50	50,95	725,7	5	0,5	5,095	72,5	5	4,902	4,905	71,1	5	0,035	0,345	0,3515
6	60	61,14	870,84	6	0,6	6,114	87	6	5,902	5,886	85,32	6	0,042	0,414	0,4218
7	70	71,33	1016	7	0,7	7,133	101,5	7	6,902	6,867	99,54	7	0,049	0,483	0,4921
8	80	81,52	1161,1	8	0,8	8,152	116	8	7,902	7,848	113,76	8	0,056	0,552	0,5624
9	90	91,71	1306,3	9	0,9	9,171	130,5	9	8,902	8,829	127,98	9	0,063	0,621	0,6327
10	100	101,9	1451,4	10	1	10,19	145	10	9,902	9,81	142,2	10	0,07	0,69	0,703
20	200	203,8	2902,8	20	2	20,38	290	20	19,902	19,62	284,4	20	0,14	1,38	1,406
30	300	305,7	4354,2	30	3	30,57	435	30	29,902	29,43	426,6	30	0,21	2,07	2,109
40	400	407,6	5805,6	40	4	40,76	580	40	39,902	39,24	568,8	40	0,28	2,76	2,812
50	500	509,5	7257	50	5	50,95	725	50	49,902	49,05	711	50	0,35	3,45	3,515
60	600	611,4	8708,4	60	6	61,14	870	60	59,902	58,86	853,2	60	0,42	4,14	4,218
70	700	713,3	10160	70	7	71,33	1015	70	69,902	68,67	995,4	70	0,49	4,83	4,921
80	800	815,2	11611	80	8	81,52	1160	80	79,902	78,48	1137,6	80	0,56	5,52	5,624
90	900	917,1	13063	90	9	91,71	1305	90	89,902	88,29	1279,8	90	0,63	6,21	6,327
100	1000	1019	14514	100	10	101,9	1450	100	99,902	98,1	1422	100	0,7	6,9	7,03
110	1100	1120,9	15965	110	11	112,09	1595	110	109,9	107,91	1564,2	110	0,77	7,59	7,733
120	1200	1222,8	17417	120	12	122,28	1740	120	119,9	117,72	1706,4	120	0,84	8,28	8,436
130	1300	1324,7	18868	130	13	132,47	1885	130	129,9	127,53	1848,6	130	0,91	8,97	9,139
140	1400	1426,6	20320	140	14	142,66	2030	140	139,9	137,34	1990,8	140	0,98	9,66	9,842
150	1500	1528,5	21771	150	15	152,85	2175	150	149,9	147,15	2133	150	1,05	10,35	10,545
160	1600	1630,4	23222	160	16	163,04	2320	160	159,9	156,96	2275,2	160	1,12	11,04	11,248
170	1700	1732,3	24674	170	17	173,23	2465	170	169,9	166,77	2417,4	170	1,19	11,73	11,951
180	1800	1834,2	26125	180	18	183,42	2610	180	179,9	176,58	2559,6	180	1,26	12,42	12,654
190	1900	1936,1	27577	190	19	193,61	2755	190	189,9	186,39	2701,8	190	1,33	13,11	13,357
200	2000	2038	29028	200	20	203,8	2900	200	199,9	196,2	2844	200	1,4	13,8	14,06
210	2100	2139,9	30479	210	21	213,99	3045	210	209,9	206,01	2986,2	210	1,47	14,49	14,763
220	2200	2241,8	31931	220	22	224,18	3190	220	219,9	215,82	3128,4	220	1,54	15,18	15,466
230	2300	2343,7	33382	230	23	234,37	3335	230	229,9	225,63	3270,6	230	1,61	15,87	16,169
240	2400	2445,6	34834	240	24	244,56	3480	240	239,9	235,44	3412,8	240	1,68	16,56	16,872
250	2500	2547,5	36285	250	25	254,75	3625	250	249,9	245,25	3555	250	1,75	17,25	17,575
260	2600	2649,4	37736	260	26	264,94	3770	260	259,9	255,06	3697,2	260	1,82	17,94	18,278
270	2700	2751,3	39188	270	27	275,13	3915	270	269,9	264,87	3839,4	270	1,89	18,63	18,981
280	2800	2853,2	40639	280	28	285,32	4060	280	279,9	274,68	3981,6	280	1,96	19,32	19,684
290	2900	2955,1	42091	290	29	295,51	4205	290	289,9	284,49	4123,8	290	2,03	20,01	20,387
300	3000	3057	43542	300	30	305,7	4350	300	299,9	294,3	4266	300	2,1	20,7	21,09
310	3100	3158,9	44993	310	31	315,89	4495	310	309,9	304,11	4408,2	310	2,17	21,39	21,793
320	3200	3260,8	46445	320	32	326,08	4640	320	319,9	313,92	4550,4	320	2,24	22,08	22,496
330	3300	3362,7	47896	330	33	336,27	4785	330	329,9	323,73	4692,6	330	2,31	22,77	23,199
340	3400	3464,6	49348	340	34	346,46	4930	340	339,9	333,54	4834,8	340	2,38	23,46	23,902
350	3500	3566,5	50799	350	35	356,65	5075	350	349,9	343,35	4977	350	2,45	24,15	24,605
Mpa= 0,1 bar Mpa= 0,098 Kg/cm ² Mpa= 0,007 PSI				bar= 10 MPa bar= 0,981 Kg/cm ² bar= 0,069 PSI				Kg/cm ² = 10,19 MPa Kg/cm ² = 1,019 bar Kg/cm ² = 0,0703 PSI				PSI= 145,14 MPa PSI= 14,5 bar PSI= 14,22 kg/cm ²			

Viscosità degli oli in funzione della temperatura



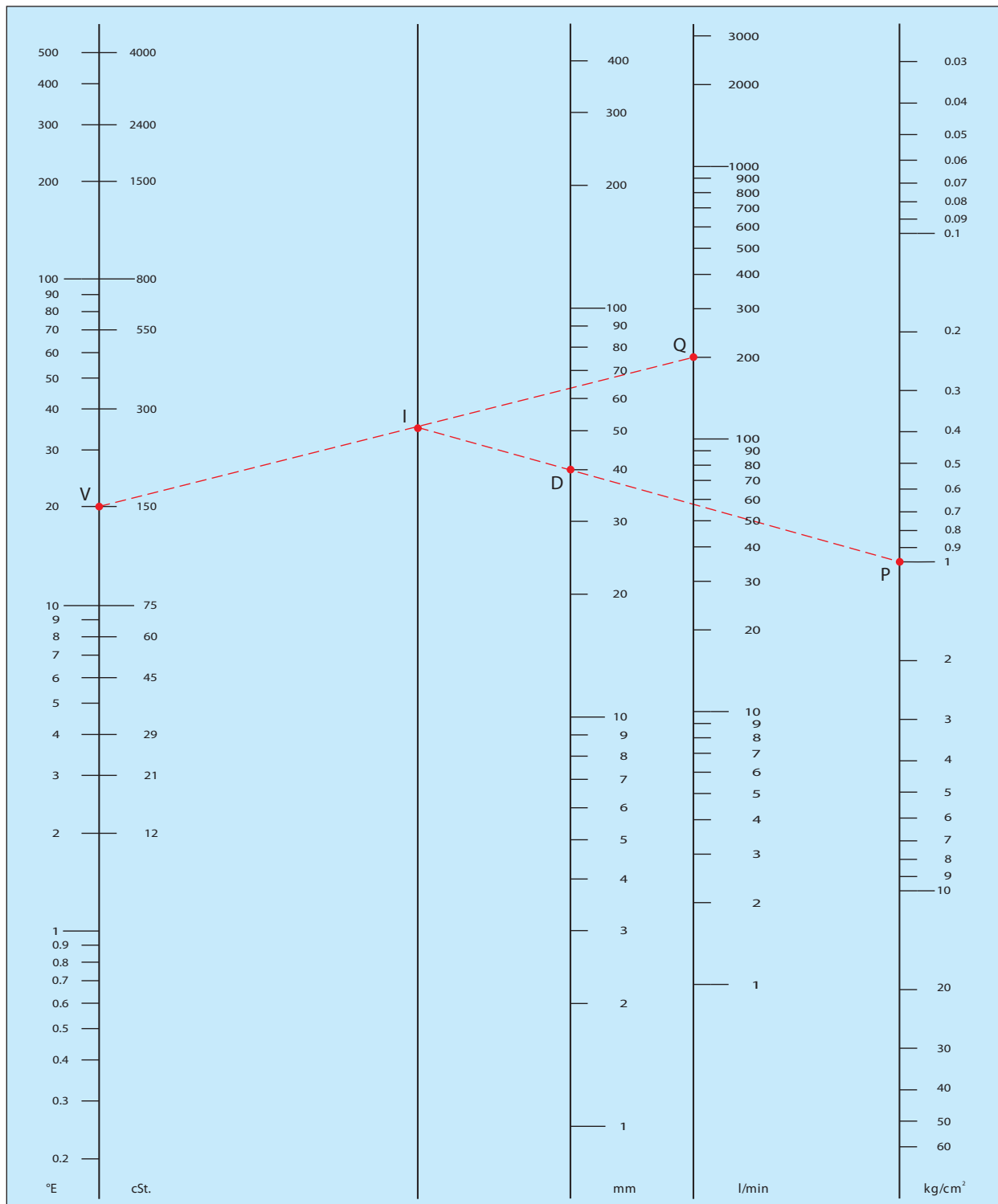
Perdita di Carico

Nota con la viscosità dell'olio e la portata di una pompa è possibile determinare, mediante la tavola, la perdita di carico per ogni 100 m di tubazione. Si fissano sulle scale della viscosità, della portata e del diametro interno del tubo i corrispondenti valori **V**, **Q** e **D**.

Congiungere i punti **V** e **Q** con una retta che intercetta sulla linea "indice" il punto **I**.

Mandare da questo punto **I** una retta passante per **D** fino ad incontrare la scala della perdita di carico nel punto **P**; il valore corrispondente rappresenta la perdita di carico nel punto **P**; il valore corrispondente rappresenta la perdita di carico lungo 100 m di tubazione.

ESEMPIO: una tubazione percorsa da un fluido di viscosità 150 cSt. Con una portata di 200 l/min, avente un diametro di 40 mm, avrà una perdita di carico di 1 kg/cm² per ogni 100 m di lunghezza.



V = Viscosità cSt - °E

I = Linea indice di intercettazione

D = Diametro interno del tubo in mm

Q = Portata in l/min

P = Perdita di carico kg/cm² per 100 m



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