



RACCORDI
IN
**GHISA
MALLEABILE**

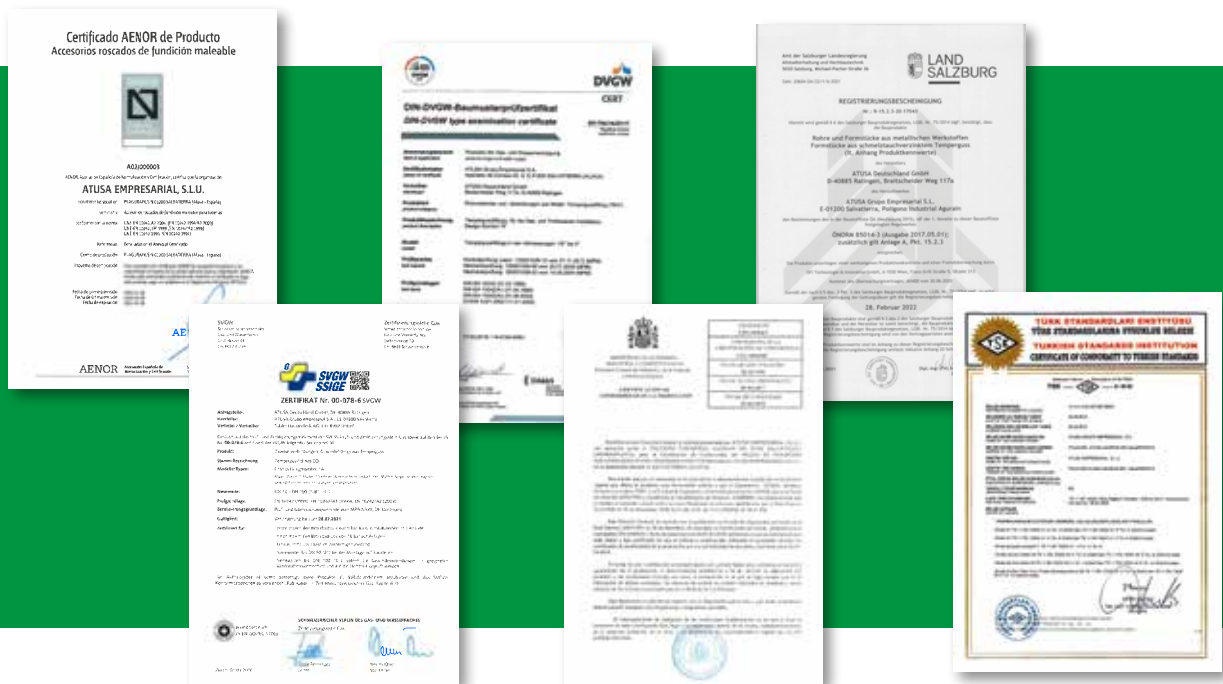
LISTINO 2022

RACCORDI IN GHISA MALLEABILE

ATUSA produce raccordi in ghisa malleabile a cuore bianco, marchio EO. Un attento processo produttivo permette di ottenere i migliori prodotti in ghisa malleabile per i mercati più esigenti.

Il grande numero di referenze comporta un processo di fabbricazione rigoroso il cui risultato è un prodotto di grande qualità. Nonostante la presenza sul mercato di materiali alternativi, i raccordi in ghisa malleabile continuano ad essere un punto di riferimento indiscusso quando si tratta di trovare un prodotto nobile e di categoria superiore.

I campi di applicazione sono differenti, tra cui: industria, sistemi antincendio, canalizzazione ed in generale qualsiasi applicazione di trasporto fluidi con una pressione di lavoro standard a 25 bar e temperature tra i -20° C e i 300° C.





INDICACIONES GENERALES

1. NORMATIVA E IDENTIFICACIÓN

- Norma de fabricación y de uso EN 10242: 1994.
- Identificación: De acuerdo con el material escogido para la fabricación y el tipo de rosca, los accesorios EO son identificados como de clase "A", es decir:
 - Son fabricados generalmente en fundición maleable de corazón blanco de alta calidad EN-GJMW 400 - 5.
 - Son roscados según ISO 7/1 con roscas internas cilíndricas (Rp) y roscas externas cónicas (R).

2. ASEGURAMIENTO DE LA CALIDAD

Esta norma EN 10242: 1994 exige que el fabricante establezca y mantenga un Sistema de Calidad documentado y conforme a la norma ISO 9001, certificado por un tercer Organismo de Certificación que actúe de acuerdo a los criterios rigurosos de la EN ISO/IEC 17021, como medio para asegurar que los accesorios son conformes a los requisitos especificados en la norma de producto EN 10242:1994.

Cumpliendo con estas exigencias ATUSA tiene establecido un Sistema de Aseguramiento de la Calidad conforme a ISO 9001 según certificado de Registro de Empresa AENOR/ER 076/2/95 y Atestación de la prestigiosa **IQNet** (Red Internacional para la Evaluación y Certificación de los Sistemas de Calidad) que opera de acuerdo a los criterios de la EN ISO/IEC.

3. GALVANIZADO

Los accesorios EO, de acuerdo con las especificaciones del pedido, se suministran en acabado negro y galvanizado en caliente.

Tal como prescribe la norma EN 10242:1994, la masa del recubrimiento del zinc es superior a 500 gr/m², lo que supone un espesor medio mínimo de 70 µm.

Ambos acabados son protegidos por un barniz antioxidante.

Las superficies de los accesorios EO están exentas de hidrocarburos aromáticos policíclicos.

4. ENSAYO DE LA ESTANQUEIDAD

En aplicación de la norma EN 10242:1994, se comprueba unitariamente la estanquidad de todos los accesorios EO mediante presión hidrostática no inferior a 20 bar, equivalente a una presión neumática no inferior a 5 bar.

5. CONDICIONES DE SUMINISTRO

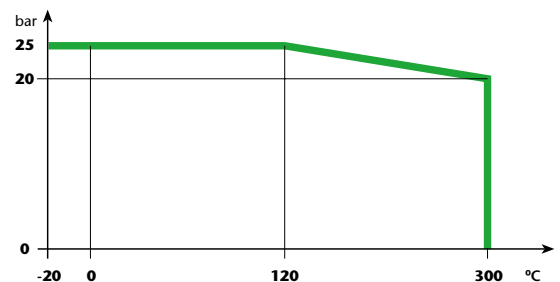
Los aspectos técnicos, de diseño y otras características de los accesorios pueden ser modificadas por mejoras técnicas o cambios en la normalización.

DIÁMETRO NOMINAL Y MEDIDA DE CONEXIONES

DN	6	8	10	15	20	25	32	40	50	65	80	100	125	150
"	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6

RELACIÓN PRESIÓN / TEMPERATURA

Temperatura de servicio (°C)	Presión Trabajo máxima (*) (bar)
-20 a 120	25
entre 120 y 300	valores interpolados
300	20



(*) Para usos superiores se ruega consultar.

 1	 1A	 2	 2A	 3	 40	 41
 60	 85	 90	 90R	 92	 92R	 94
 95	 96	 97	 98	 120	 121	 130
 130R	 131	 132	 133	 134	 135	 165
 180	 220	 221	 223	 240	 241	 245
 246	 270	 271	 280	 281	 290	 291
 294	 300	 310	 312	 320	 321	 330
 331	 340	 341	 344	 370	 371	 372
 374	 471	 526	 529	 531	 596	



1 CURVA LUNGA M/F

ISO/EN **G4**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	200 10	01001000	9,15	01005000	11,31
1/4"	250 10	01001001	7,64	01005001	9,35
3/8"	170 10	01001002	9,15	01005002	11,45
1/2"	110 10	01001003	7,98	01005003	10,00
3/4"	60 10	01001004	13,84	01005004	17,36
1"	35 1	01001005	18,64	01005005	23,65
1 1/4"	17 1	01001006	32,82	01005006	40,72
1 1/2"	12 1	01001007	42,29	01005007	53,84
2"	6 1	01001008	70,03	01005008	86,77
2 1/2"	3 1	01001009	152,62	01005009	195,07
3"	4 1	0100100A	197,64	0100500A	250,27
4"	2 1	0100100C	358,56	0100500C	454,28



1A CURVA CORTA M/F

ISO/EN **D4**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	250 10	01A01001*	7,50	01A05001*	9,21
3/8"	130 10	01A01002	8,58	01A05002	10,68
1/2"	100 10	01A01003	7,50	01A05003	9,35
3/4"	60 10	01A01004	11,70	01A05004	14,40
1"	40 1	01A01005	15,12	01A05005	18,78
1 1/4"	20 1	01A01006	22,08	01A05006	28,30
1 1/2"	15 1	01A01007	32,21	01A05007	40,72
2"	8 1	01A01008	57,58	01A05008	71,26
2 1/2"	3 1	01A01009*	97,82	01A05009	123,49
3"	4 1	01A0100A	148,43	01A0500A	187,74
4"	2 1	01A0100C*	347,89	01A0500C	440,46



2 CURVA LUNGA F/F

ISO/EN **G1**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	200 10	02001001	8,27	02005001	9,71
3/8"	140 10	02001002	8,82	02005002	11,45
1/2"	90 10	02001003	9,08	02005003	11,28
3/4"	50 10	02001004	14,21	02005004	17,41
1"	28 1	02001005	18,64	02005005	23,65
1 1/4"	14 1	02001006	32,96	02005006	40,86
1 1/2"	10 1	02001007	40,62	02005007	50,23
2"	5 1	02001008	56,00	02005008	69,74
2 1/2"	2 1	02001009	155,15	02005009	196,16
3"	4 1	0200100A	194,88	0200500A	246,59
4"	2 1	0200100C	369,16	0200500C	467,47



2A CURVA CORTA F/F

ISO/EN **D1**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	50 10	02A01002*	7,64	02A05002*	9,21
1/2"	90 10	02A01003	6,90	02A05003	9,06
3/4"	50 10	02A01004	9,59	02A05004	12,02
1"	35 1	02A01005	14,51	02A05005	19,20
1 1/4"	20 1	02A01006	22,29	02A05006	28,70
1 1/2"	14 1	02A01007	30,47	02A05007	37,55
2"	8 1	02A01008	47,87	02A05008	61,93
2 1/2"	4 1	02A01009*	89,87	02A05009	113,35
3"	4 1	02A0100A*	154,94	02A0500A	196,07
4"	2 1	02A0100C*	326,81	02A0500C	413,93



3 CURVA LUNGA M/M

ISO/EN **G8**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	300 10	03001001	13,16	03005001	16,21
3/8"	200 10	03001002	11,74	03005002	14,42
1/2"	120 10	03001003	13,84	03005003	17,80
3/4"	70 10	03001004	15,41	03005004	19,37
1"	40 1	03001005	22,30	03005005	28,61
1 1/4"	20 1	03001006	41,82	03005006	54,68
1 1/2"	14 1	03001007	61,39	03005007	77,41
2"	7 1	03001008	82,56	03005008	101,42
2 1/2"	3 1	03001009	204,27	03005009	261,36
3"	5 1	0300100A	230,29	0300500A	281,92



40 CURVA LUNGA M/F 45°

ISO/EN **G4/45°**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	300 10	04001001	11,04	04005001	13,86
3/8"	200 10	04001002	9,92	04005002	12,63
1/2"	120 10	04001003	9,08	04005003	11,28
3/4"	80 10	04001004	12,26	04005004	15,25
1"	50 1	04001005	17,36	04005005	21,34
1 1/4"	25 1	04001006	29,87	04005006	37,25
1 1/2"	18 1	04001007	35,90	04005007	44,29
2"	10 1	04001008	56,46	04005008	70,19
2 1/2"	6 1	04001009	123,18	04005009	155,82
3"	3 1	0400100A	138,16	0400500A	175,13
4"	4 1	0400100C	302,94	0400500C	383,34



41 CURVA LUNGA F/F 45°

ISO/EN G1/45°

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	220 10	04101001	11,84	04105001	16,97
3/8"	150 10	04101002	11,41	04105002	14,54
1/2"	100 10	04101003	11,04	04105003	13,46
3/4"	60 10	04101004	13,60	04105004	17,06
1"	40 1	04101005	17,59	04105005	21,78
1 1/4"	22 1	04101006	31,09	04105006	39,05
1 1/2"	15 1	04101007	40,72	04105007	51,58
2"	9 1	04101008	57,58	04105008	72,37
2 1/2"	4 1	04101009	113,12	04105009	142,84
3"	2 1	0410100A	143,98	0410500A	182,11
4"	2 1	0410100C	319,01	0410500C	417,10



90 GOMITO F/F 90°

ISO/EN A1

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	400 10	09001000	6,18	09005000	7,50
1/4"	350 10	09001001	5,11	09005001	6,02
3/8"	250 10	09001002	4,06	09005002	5,21
1/2"	120 10	09001003	2,62	09005003	3,52
3/4"	90 10	09001004	4,19	09005004	5,59
1"	50 10	09001005	6,46	09005005	8,18
1 1/4"	30 1	09001006	12,72	09005006	15,73
1 1/2"	22 1	09001007	20,45	09005007	25,24
2"	12 1	09001008	23,65	09005008	29,82
2 1/2"	7 1	09001009	69,07	09005009	87,31
3"	4 1	0900100A	96,16	0900500A	119,65
4"	2 1	0900100C	169,42	0900500C	214,25
5"	2 1			0900500D	1.163,42
6"	1			0900500E	1.969,86



92 GOMITO M/F 90°

ISO/EN A4

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	500 10	09201000	7,11	09205000	9,06
1/4"	350 10	09201001	5,12	09205001	6,37
3/8"	250 10	09201002	4,96	09205002	5,84
1/2"	150 10	09201003	3,38	09205003	4,06
3/4"	90 10	09201004	5,21	09205004	6,37
1"	50 10	09201005	8,33	09205005	10,69
1 1/4"	30 1	09201006	15,13	09205006	18,35
1 1/2"	22 1	09201007	22,09	09205007	27,55
2"	12 1	09201008	28,78	09205008	36,19
2 1/2"	7 1	09201009	72,50	09205009	90,07
3"	4 1	0920100A	95,26	0920500A	118,61
4"	2 1	0920100C	160,06	0920500C	202,54



60 CURVA DOPPIA

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	90 1	06001003*	29,10	06005003*	36,65
3/4"	90 1	06001004*	44,48	06005004*	56,06
1"	20 1	06001005*	56,44	06005005*	71,20
1 1/4"	15 1	06001006*	77,79	06005006*	98,12
1 1/2"	10 1	06001007*	92,02	06005007*	116,05
2"	6 1			06005008*	177,22



85 SCAVALCATUBO

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	100 10	08501002	15,71	08505002	19,73
1/2"	60 10	08501003	11,50	08505003	14,42
3/4"	30 10	08501004	17,59	08505004	21,78
1"	20 1	08501005	35,86	08505005	46,56
1 1/4"	10 1	08501006	67,27	08505006	84,83



90R GOMITO RIDOTTO F/F 90°

ISO/EN A1

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"-1/4"	120 10	09001021	7,60	09005021	9,23
1/2"-1/4"	120 10	09001031*	9,51	09005031*	11,70
1/2"-3/8"	120 10	09001032	5,41	09005032	6,76
3/4"-3/8"	90 10	09001042	8,78	09005042	11,04
3/4"-1/2"	90 10	09001043	6,46	09005043	7,51
1"-1/2"	50 10	09001053	8,56	09005053	11,04
1"-3/4"	50 10	09001054	9,41	09005054	11,57
1 1/4"-1/2"	50 10	09001063	14,42	09005063	17,93
1 1/4"-3/4"	50 10	09001064	19,07	09005064	23,65
1 1/4"-1"	40 1	09001065	15,12	09005065	18,78
1 1/2"-3/4"	30 1	09001074	24,00	09005074	29,68
1 1/2"-1"	35 1	09001075	22,29	09005075	28,31
1 1/2"-1 1/4"	25 1	09001076	24,17	09005076	29,87
2"-1"	15 1	09001085	39,19	09005085	47,29
2"-1 1/4"	15 1	09001086	40,72	09005086	52,82
2"-1 1/2"	15 1	09001087	38,66	09005087	48,13
2 1/2"-2"	8 1			09005098	116,42



92R GOMITO RIDOTTO M/F 90°

ISO/EN A4

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/2" x 3/8"	150 10	09201032*	12,25	09205032	14,64
3/4" x 1/2"	90 10	09201043	13,71	09205043	17,24
1" x 3/4"	60 10	09201054	17,59	09205054	21,78
1 1/4" x 1"	30 1	09201065*	26,01	09205065	32,33
1 1/2" x 1"	20 1	09201075	51,71	09205075	65,09
1 1/2" x 1 1/4"	20 1	09201076*	39,30	09205076	47,76
3/8" x 1/2"	150 10	09201023*	8,82	09205023*	10,68
1/2" x 3/4"	90 10	09201034*	17,24	09205034*	21,98
3/4" x 1"	60 10	09201045*	24,70	09205045*	30,71
1" x 1 1/4"	30 1	09201056*	38,07	09205056*	48,50



94 GOMITO M/M 90°

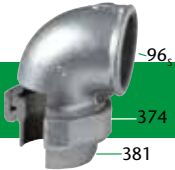
Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	200 10	09401002	11,74	09405002	14,42
1/2"	150 10	09401003	12,02	09405003	15,25
3/4"	90 10	09401004	13,71	09405004	17,57
1"	60 10	09401005	21,12	09405005	26,06
1 1/4"	20 1	09401006	30,71	09405006	37,33
1 1/2"	25 1	09401007	54,13	09405007	68,23
2"	10 1	09401008	55,85	09405008	70,50



95 GOMITO CON BOCCHETTONE A SEDE PIANA

ISO/EN UA1

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	70 10	09501002*	25,44	09505002*	31,81
1/2"	50 10	09501003	19,31	09505003	24,02
3/4"	40 10	09501004	21,25	09505004	26,29
1"	28 1	09501005	26,21	09505005	32,82
1 1/4"	14 1	09501006	45,43	09505006	57,05
1 1/2"	10 1	09501007	63,23	09505007	79,87
2"	6 1	09501008	94,54	09505008	118,99



96 GOMITO CON BOCCHETTONE A SEDE CONICA

ISO/EN UA11

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	120 10	09601001*	28,70	09605001	34,62
3/8"	80 10	09601002	26,21	09605002	32,72
1/2"	50 10	09601003	19,22	09605003	24,26
3/4"	40 10	09601004	22,21	09605004	28,08
1"	28 1	09601005	32,05	09605005	40,25
1 1/4"	14 1	09601006	54,00	09605006	67,04
1 1/2"	10 1	09601007	63,23	09605007	79,87
2"	6 1	09601008	106,52	09605008	134,69
2 1/2"	4 1	09601009	228,04	09605009	297,36
3"	2 1	0960100A	304,61	0960500A	386,12



97 GOMITO CON BOCCHETTONE A SEDE PIANA

ISO/EN UA2

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	70 10	09701002*	25,44	09705002*	31,81
1/2"	50 10	09701003	19,55	09705003	24,64
3/4"	30 10	09701004	23,59	09705004	29,68
1"	23 1	09701005	29,68	09705005	37,68
1 1/4"	12 1	09701006	50,75	09705006	65,54
1 1/2"	10 1	09701007	68,83	09705007	86,93
2"	6 1	09701008	100,06	09705008	126,65



98 GOMITO CON BOCCHETTONE A SEDE CONICA

ISO/EN UA12

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	120 10	09801001	26,70	09805001	32,96
3/8"	80 10	09801002	23,59	09805002	29,06
1/2"	50 10	09801003	19,31	09805003	24,35
3/4"	30 10	09801004	24,64	09805004	30,88
1"	23 1	09801005	33,73	09805005	42,29
1 1/4"	12 1	09801006	55,85	09805006	70,88
1 1/2"	10 1	09801007	69,89	09805007	86,77
2"	6 1	09801008	113,52	09805008	143,45
2 1/2"	3 1	09801009	251,93	09805009	328,21
3"	2 1	0980100A	347,13	0980500A	427,08



120 GOMITO F/F 45°

ISO/EN A1/45°

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	150 10	12001002	11,41	12005002	14,12
1/2"	150 10	12001003	9,31	12005003	11,89
3/4"	90 10	12001004	11,50	12005004	14,64
1"	60 10	12001005	16,99	12005005	21,25
1 1/4"	30 1	12001006	30,40	12005006	38,66
1 1/2"	25 1	12001007	37,55	12005007	47,23
2"	10 1	12001008	48,72	12005008	61,66
2 1/2"	8 1	12001009	100,58	12005009	127,18
3"	5 1	1200100A	102,13	1200500A	129,21



121 GOMITO M/F 45°

ISO/EN A4/45°

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	200 10	12101002	9,15	12105002	11,04
1/2"	150 10	12101003	8,56	12105003	10,88
3/4"	100 10	12101004	11,12	12105004	13,84
1"	50 10	12101005	16,99	12105005	21,25
1 1/4"	30 1	12101006	31,39	12105006	39,82
1 1/2"	25 1	12101007	35,12	12105007	42,86
2"	12 1	12101008	44,48	12105008	55,91
2 1/2"	8 1	12101009	86,29	12105009	109,32
3"	5 1	1210100A	106,24	1210500A	134,37



130 TI

ISO/EN B1

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	200 10	13001000	7,83	13005000	9,59
1/4"	220 10	13001001	6,76	13005001	8,51
3/8"	120 10	13001002	6,00	13005002	7,28
1/2"	70 10	13001003	3,82	13005003	4,72
3/4"	60 10	13001004	6,53	13005004	8,18
1"	30 10	13001005	9,47	13005005	12,02
1 1/4"	20 1	13001006	17,30	13005006	21,25
1 1/2"	14 1	13001007	26,51	13005007	33,05
2"	10 1	13001008	38,05	13005008	46,48
2 1/2"	5 1	13001009	85,64	13005009	106,52
3"	4 1	1300100A	114,56	1300500A	142,32
4"	2 1	1300100C	220,30	1300500C	278,72
5"	2 1			1300500D	1.767,30
6"	1			1300500E	2.499,44



130R TI RIDOTTA

ISO/EN B1

Ø	150 10	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"-1/4"-3/8"	150 10	13001212*	12,44	13005212*	15,71
3/8"-1/2"-3/8"	120 10	13001232	9,51	13005232	11,70
3/8"-3/4"-3/8"	90 10	13001242	14,80	13005242	20,41
1/2"-1/4"-1/2"	110 10	13001313	9,75	13005313	12,08
1/2"-3/8"-3/8"	110 10	13001322	9,15	13005322	11,04
1/2"-3/8"-1/2"	110 10	13001323	8,04	13005323	9,41
1/2"-1/2"-3/8"	110 10	13001332	8,82	13005332	11,04
1/2"-3/4"-3/8"	70 10	13001342	16,74	13005342	23,41
1/2"-3/4"-1/2"	70 10	13001343	8,56	13005343	10,75
1/2"-1"-1/2"	60 10	13001353	19,20	13005353	23,59
3/4"-1/4"-3/4"	70 10	13001414*	13,46	13005414	16,21
3/4"-3/8"-1/2"	70 10	13001423	9,92	13005423	12,55
3/4"-3/8"-3/4"	70 10	13001424	9,59	13005424	11,85
3/4"-1/2"-3/8"	70 10	13001432*	16,56	13005432*	20,44
3/4"-1/2"-1/2"	70 10	13001433	7,89	13005433	9,41
3/4"-1/2"-3/4"	60 10	13001434	6,98	13005434	8,80
3/4"-3/4"-3/8"	60 10	13001442	13,31	13005442	16,74
3/4"-3/4"-1/2"	60 10	13001443	9,15	13005443	11,21
3/4"-1"-1/2"	50 10	13001453	17,88	13005453	22,52
3/4"-1"-3/4"	40 10	13001454	15,33	13005454	18,72
3/4"-1 1/4"-3/4"	35 1	13001464	30,77	13005464	40,38
1"-1/4"-1"	40 10	13001515	24,26	13005515	30,64
1"-3/8"-3/4"	50 10	13001524	23,41	13005524	33,78
1"-3/8"-1"	50 10	13001525	15,55	13005525	20,27
1"-1/2"-1/2"	50 10	13001533	16,56	13005533	19,84
1"-1/2"-3/4"	50 10	13001534	11,62	13005534	14,54
1"-1/2"-1"	40 10	13001535	9,23	13005535	11,41
1"-3/4"-1/2"	40 10	13001543	14,51	13005543	17,98
1"-3/4"-3/4"	40 10	13001544	11,41	13005544	14,78
1"-3/4"-1"	40 10	13001545	10,08	13005545	12,32
1"-1"-3/8"	40 10	13001552	19,37	13005552	25,63
1"-1"-1/2"	40 10	13001553	12,06	13005553	15,06
1"-1"-3/4"	30 10	13001554	13,16	13005554	16,60
1"-1 1/4"-3/4"	30 1	13001564*	27,83	13005564*	34,74
1"-1 1/4"-1"	30 1	13001565	23,37	13005565	28,62
1"-1 1/2"-1"	22 1	13001575	28,25	13005575	35,82
1 1/4"-3/8"-1 1/4"	30 1	13001626	22,54	13005626	28,25
1 1/4"-1/2"-1"	35 1	13001635	17,98	13005635	22,30
1 1/4"-1/2"-1 1/4"	30 1	13001636	15,20	13005636	19,08
1 1/4"-3/4"-3/4"	35 1	13001644	22,98	13005644	29,64
1 1/4"-3/4"-1"	32 1	13001645	21,59	13005645	26,06
1 1/4"-3/4"-1 1/4"	30 1	13001646	16,54	13005646	20,21
1 1/4"-1"-3/8"	30 1	13001652	34,38	13005652	49,25
1 1/4"-1"-1/2"	32 1	13001653	24,17	13005653	31,52
1 1/4"-1"-3/4"	30 1	13001654	24,90	13005654	30,26
1 1/4"-1"-1"	28 1	13001655	20,51	13005655	25,39
1 1/4"-1"-1 1/4"	25 1	13001656	18,17	13005656	22,60
1 1/4"-1 1/4"-1/2"	30 1	13001663	23,59	13005663	30,39
1 1/4"-1 1/4"-3/4"	25 1	13001664	28,31	13005664	35,28
1 1/4"-1 1/4"-1"	25 1	13001665	23,37	13005665	29,68
1 1/4"-1 1/2"-1"	20 1	13001675	35,30	13005675	44,62
1 1/4"-1 1/2"-1 1/4"	18 1	13001676	35,58	13005676	46,25
1 1/4"-2"-1 1/4"	10 1	13001686	44,08	13005686	55,46
1 1/2"-3/8"-1 1/2"	28 1	13001727	30,40	13005727	38,59
1 1/2"-1/2"-1 1/4"	28 1	13001736	23,59	13005736	30,71
1 1/2"-1/2"-1 1/2"	25 1	13001737	20,51	13005737	25,76
1 1/2"-3/4"-1 1/4"	25 1	13001746	30,88	13005746	39,34
1 1/2"-3/4"-1 1/2"	22 1	13001747	22,08	13005747	27,86

Ø	25 1	NERI		ZINCATI	
		COD.	€	COD.	€
1 1/2"-1"-1"	25 1	13001755	28,47	13005755	35,66
1 1/2"-1"-1 1/4"	22 1	13001756	27,12	13005756	34,10
1 1/2"-1"-1 1/2"	20 1	13001757	24,02	13005757	30,11
1 1/2"-1 1/4"-1"	15 1	13001765	37,55	13005765	47,29
1 1/2"-1 1/4"-1 1/4"	18 1	13001766	33,12	13005766	42,19
1 1/2"-1 1/4"-1 1/2"	17 1	13001767	32,35	13005767	40,86
1 1/2"-1 1/2"-1/2"	17 1	13001773	33,64	13005773	44,55
1 1/2"-1 1/2"-3/4"	17 1	13001774	38,59	13005774	48,66
1 1/2"-1 1/2"-1"	17 1	13001775	38,16	13005775	48,00
1 1/2"-1 1/2"-1 1/4"	15 1	13001776	40,77	13005776	49,62
1 1/2"-2"-1 1/4"	10 1	13001786*	47,48	13005786	59,84
1 1/2"-2"-1 1/2"	10 1	13001787	44,62	13005787	57,92
2"-1/2"-1 1/2"	18 1	13001837	38,07	13005837	48,02
2"-1/2"-2"	15 1	13001838	29,96	13005838	38,00
2"-3/4"-1 1/2"	16 1	13001847	41,15	13005847	53,76
2"-3/4"-2"	15 1	13001848	38,96	13005848	49,33
2"-1"-1 1/2"	15 1	13001857	43,09	13005857	54,13
2"-1"-2"	12 1	13001858	30,72	13005858	38,29
2"-1 1/4"-1"	12 1	13001865	61,54	13005865	75,52
2"-1 1/4"-1 1/4"	12 1	13001866	46,64	13005866	57,14
2"-1 1/4"-1 1/2"	12 1	13001867	42,80	13005867	53,76
2"-1 1/4"-2"	12 1	13001868	38,96	13005868	49,33
2"-1 1/2"-1"	12 1	13001875	53,96	13005875	62,60
2"-1 1/2"-1 1/2"	10 1	13001877	47,29	13005877	59,52
2"-1 1/2"-2"	10 1	13001878	45,71	13005878	56,84
2"-2"-1/2"	10 1	13001883	74,83	13005883	94,14
2"-2"-3/4"	10 1	13001884	49,11	13005884	60,37
2"-2"-1"	10 1	13001885	47,41	13005885	58,03
2"-2"-1 1/4"	10 1	13001886	59,84	13005886	75,76
2"-2"-1 1/2"	10 1	13001887	50,29	13005887	63,60
2"-2 1/2"-2"	6 1	13001898	90,62	13005898	114,61
2 1/2"-1/2"-2 1/2"	8 1	13001939	111,55	13005939	141,20
2 1/2"-3/4"-2 1/2"	8 1	13001949	67,57	13005949	84,05
2 1/2"-1"-2 1/2"	8 1	13001959	63,64	13005959	78,22
2 1/2"-1 1/4"-2 1/2"	8 1	13001969	87,22	13005969	110,56
2 1/2"-1 1/2"-2 1/2"	8 1	13001979	73,94	13005979	93,44
2 1/2"-2"-2"	6 1	13001988	106,54	13005988	134,86
2 1/2"-2"-2 1/2"	6 1	13001989	83,17	13005989	105,10
2 1/2"-2 1/2"-1 1/2"	6 1			13005997*	203,49
2 1/2"-2 1/2"-2	6 1			13005998*	164,76
3"-1/2"-3"	5 1			13005A3A	129,21
3"-3/4"-3"	6 1			13005A4A	135,05
3"-1"-3"	5 1	13001A5A	106,14	13005A5A	128,14
3"-1 1/4"-3"	4 1	13001A6A	125,74	13005A6A	147,36
3"-1 1/2"-3"	4 1	13001A7A	122,38	13005A7A	147,64
3"-2"-2"	4 1			13005A88	165,24
3"-2"-3"	4 1	13001A8A	113,65	13005A8A	137,22
3"-2 1/2"-3"	3 1	13001A9A	128,08	13005A9A	162,37
3"-3"-2"	2 1			13005AA8*	200,10
4"-1/2"-4"	2 1	13001C3C	286,26		
4"-3/4"-4"	2 1	13001C4C	286,26	13005C4C	394,80
4"-1"-4"	2 1	13001C5C	259,24	13005C5C	312,86
4"-1 1/2"-4"	2 1	13001C7C	169,94	13005C7C	217,24
4"-2"-4"	2 1	13001C8C	200,06	13005C8C	241,70
4"-2 1/2"-4"	2 1	13001C9C	257,60	13005C9C	308,74
4"-3"-4"	2 1	13001CAC	192,83	13005CAC	256,93
5"-4"-5"	2 1			13005DCD	1.029,80



131 TI A UNA CURVA

ISO/EN **E1**

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	50 10	13101003*	15,57	13105003*	19,80
3/4"	40 10	13101004*	19,64	13105004*	24,99
1"	20 10	13101005	28,69	13105005	36,64
1 1/4"	14 1	13101006*	39,88	13105006*	51,11
1 1/2"	8 1	13101007*	59,31	13105007*	74,68
2"	4 1	13101008*	83,88	13105008	104,48
2 1/2"	2 1	13101009*	168,23	13105009*	212,84
3"	2 1	1310100A*	200,92	1310500A*	254,68
4"	2 1	1310100C*	381,17	1310500C*	483,11



132 TI A DUE CURVE

ISO/EN **E2**

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	40 1	13201003*	21,42	13205003*	26,70
3/4"	25 1	13201004*	23,28	13205004*	29,48
1"	15 1	13201005*	37,28	13205005*	46,95
1 1/4"	10 1	13201006*	64,04	13205006*	80,90
1 1/2"	8 1	13201007*	80,90	13205007*	102,07
2"	3 1	13201008*	103,22	13205008*	130,36



133 TI

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	150 10	13301002*	14,64	13305002	17,98
1/2"	80 10	13301003*	12,09	13305003	14,35
3/4"	50 10	13301004	17,93	13305004	21,78
1"	15 1	13301005	29,50	13305005	36,64



134 TI

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	80 10	13401003	13,16	13405003	16,54
3/4"	50 10	13401004	18,17	13405004	22,30
1"	30 1	13401005	24,88	13405005	31,63
1 1/4"	20 1	13401006*	40,07	13405006*	51,25
1 1/2"	15 1	13401007*	49,64	13405007	60,80
2"	8 1	13401008	75,97	13405008	96,11



135 TI

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	100 10	13501003*	21,13	13505003	25,68
3/4"	60 1	13501004*	26,01	13505004*	32,33
1"	40 1	13501005*	33,57	13505005*	42,09



165 TI 45°

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	50 10	16501003*	23,81	16505003	28,82
3/4"	30 10	16501004	26,51	16505004	33,20
1"	20 1	16501005*	40,77	16505005	49,70
1 1/4"	10 1	16501006*	50,12	16505006	61,56
1 1/2"	6 1	16501007*	68,11	16505007*	85,12
2"	4 1	16501008*	100,45	16505008	123,12



180 CROCE

ISO/EN **C1**

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	120 10	18001001	13,55	18005001	16,56
3/8"	100 10	18001002	13,84	18005002	17,36
1/2"	70 10	18001003	13,60	18005003	17,06
3/4"	40 10	18001004	20,80	18005004	25,39
1"	28 1	18001005	25,39	18005005	31,44
1 1/4"	16 1	18001006	33,73	18005006	42,19
1 1/2"	10 1	18001007	44,62	18005007	56,23
2"	7 1	18001008	66,28	18005008	83,93
2 1/2"	3 1	18001009	154,48	18005009	195,54
3"	2 1	1800100A	177,82	1800500A	225,14
4"	1	1800100C	284,86	1800500C	362,41



220 DISTRIBUZIONE Y

Ø	Pacchetto	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	100 10	22001002	18,48	22005002	23,12
1/2"	60 10	22001003	16,08	22005003	19,84
3/4"	40 10	22001004	24,70	22005004	31,15
1"	20 1	22001005	40,86	22005005	51,58



221 DISTRIBUZIONE A GOMITO

ISO/EN **Za1**

Ø	120	10	NERI		ZINCATI	
			COD.	€	COD.	€
3/8"	120	10	22101002*	17,24	22105002	21,12
1/2"	80	10	22101003	13,07	22105003	16,50
3/4"	50	10	22101004	16,21	22105004	25,39
1"	40	10	22101005	27,83	22105005	33,64
1 1/4"	20	1	22101006	47,29	22105006	61,31
1 1/2"	13	1	22101007	67,13	22105007	87,08
2"	8	1	22101008	102,11	22105008	133,06

2



240 MANICOTTO DI RIDUZIONE

ISO/EN **M2**

Ø	400	10	NERI		ZINCATI	
			COD.	€	COD.	€
1/4"-1/8"	400	10	24011010	6,65	24015010	7,81
3/8"-1/8"	400	10	24011020*	6,43	24015020*	7,89
3/8"-1/4"	400	10	24011021	5,50	24015021	7,04
1/2"-1/4"	150	10	24001031	5,84	24005031	7,37
1/2"-3/8"	200	10	24001032	5,21	24005032	6,14
3/4"-1/4"	140	10	24001041	7,98	24005041	9,71
3/4"-3/8"	140	10	24001042	6,76	24005042	8,56
3/4"-1/2"	140	10	24001043	5,59	24005043	7,22
1"-3/8"	100	10	24001052	9,41	24005052	11,89
1"-1/2"	90	10	24001053	7,28	24005053	9,08
1"-3/4"	80	10	24001054	6,53	24005054	8,27
1 1/4"-3/8"	60	10	24001062	16,74	24005062	21,12
1 1/4"-1/2"	60	10	24001063	13,31	24005063	17,28
1 1/4"-3/4"	60	10	24001064	12,02	24005064	15,25
1 1/4"-1"	50	10	24001065	11,89	24005065	14,80
1 1/2"-1/2"	50	1	24001073	21,25	24005073	27,48
1 1/2"-3/4"	50	1	24001074	18,64	24005074	23,65
1 1/2"-1"	45	1	24001075	14,42	24005075	17,98
1 1/2"-1 1/4"	40	1	24001076	15,64	24005076	19,84
2"-1/2"	30	1	24001083	29,50	24005083	36,86
2"-3/4"	30	1	24001084	30,64	24005084	38,29
2"-1"	25	1	24001085	27,73	24005085	35,30
2"-1 1/4"	22	1	24001086	24,88	24005086	31,15
2"-1 1/2"	22	1	24001087	23,59	24005087	29,58
2 1/2"-1"	16	1	24001095*	57,24	24005095	70,13
2 1/2"-1 1/4"	14	1	24001096	61,54	24005096	77,60
2 1/2"-1 1/2"	14	1	24001097	74,09	24005097	96,74
2 1/2"-2"	10	1	24001098	64,19	24005098	82,05
3"-1 1/4"	10	1	240010A6	76,69	240050A6	101,73
3"-1 1/2"	10	1	240010A7	70,07	240050A7	86,03
3"-2"	10	1	240010A8	99,38	240050A8	129,37
3"-2 1/2"	8	1	240010A9	113,20	240050A9	147,22
4"-2"	6	1	240010C8	171,53	240050C8	223,76
4"-2 1/2"	6	1	240010C9	179,56	240050C9	233,80
4"-3"	6	1	240010CA	189,42	240050CA	239,90



223 DISTRIBUZIONE A TI

ISO/EN **Za2**

Ø	60	1	NERI		ZINCATI	
			COD.	€	COD.	€
1/2"	60	1	22301003	17,98	22305003	22,16
3/4"	40	1	22301004	22,88	22305004	27,73
1"	25	1	22301005	33,66	22305005	40,86



TIPO I



TIPO II



TIPO III

241 NIPPO DI RIDUZIONE M/F

ISO/EN **N4**

Ø	TYP	400	10	NERI		ZINCATI	
				COD.	€	COD.	€
1/4"-1/8"	I	400	10	24111010	5,04	24115010	6,00
3/8"-1/8"	II	400	10	24111020	5,04	24115020	6,14
3/8"-1/4"	I	400	10	24111021*	3,71	24115021	4,67
1/2"-1/8"	II	400	10	24111030	4,72	24115030	5,80
1/2"-1/4"	II	350	10	24101031	2,94	24105031	3,60
1/2"-3/8"	I	350	10	24101032	2,71	24105032	3,60
3/4"-1/4"	II	200	10	24101041	5,36	24105041	6,61
3/4"-3/8"	II	200	10	24101042	4,14	24105042	5,04
3/4"-1/2"	I	200	10	24101043	2,86	24105043	3,82
1"-1/4"	II	140	10	24101051*	8,04	24105051	9,47
1"-3/8"	II	140	10	24101052	6,76	24105052	8,33
1"-1/2"	II	140	10	24101053	4,19	24105053	5,36
1"-3/4"	I	140	10	24101054	3,82	24105054	5,04
1 1/4"-3/8"	II	80	10	24101062	12,02	24105062	15,25
1 1/4"-1/2"	II	80	10	24101063	7,81	24105063	9,23
1 1/4"-3/4"	II	80	10	24101064	6,70	24105064	8,27
1 1/4"-1"	I	80	10	24101065	5,04	24105065	6,14
1 1/2"-3/8"	II	80	10	24101072	15,12	24105072	18,64
1 1/2"-1/2"	II	70	10	24101073	9,55	24105073	12,26
1 1/2"-3/4"	II	70	10	24101074	11,04	24105074	13,51
1 1/2"-1"	II	70	10	24101075	7,28	24105075	9,08
1 1/2"-1 1/4"	I	70	10	24101076	7,42	24105076	9,23
2"-1/2"	III	30	1	24101083	19,37	24105083	24,55
2"-3/4"	III	30	1	24101084	19,22	24105084	24,26
2"-1"	II	30	1	24101085	15,80	24105085	19,85
2"-1 1/4"	II	30	1	24101086	15,06	24105086	18,95
2"-1 1/2"	II	30	1	24101087	13,49	24105087	16,99
2 1/2"-1"	III	20	1	24101095	31,39	24105095	39,05
2 1/2"-1 1/4"	III	20	1	24101096	36,05	24105096	45,20
2 1/2"-1 1/2"	II	20	1	24101097	34,30	24105097	42,66
2 1/2"-2"	II	20	1	24101098	25,92	24105098	32,68
3"-1"	III	10	1	241010A5	48,43	241050A5	61,18
3"-1 1/4"	III	10	1	241010A6	48,43	241050A6	61,18
3"-1 1/2"	III	10	1	241010A7	45,28	241050A7	56,75
3"-2"	II	15	1	241010A8	33,95	241050A8	42,11
3"-2 1/2"	II	15	1	241010A9	38,29	241050A9	47,68
4"-2"	III	8	1	241010C8	96,77	241050C8	122,42
4"-2 1/2"	III	8	1	241010C9	71,84	241050C9	91,15
4"-3"	II	8	1	241010CA	68,99	241050CA	87,44
5"-4"	II	11	1			241050DC	647,90
6"-4"	III	6	1			241050EC	1.005,04
6"-5"	II	6	1			241050ED	1.005,04



245 NIPPO DOPPIO DI RIDUZIONE

ISO/EN **N8**



246 MANICOTTO DI RIDUZIONE F/M

ISO/EN **M4**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"-1/8"	400 10	24511010	6,02	24515010	7,51
3/8"-1/8"	400 10	24511020*	7,50	24515020	8,94
3/8"-1/4"	400 10	24511021	5,59	24515021	7,37
1/2"-1/4"	250 10	24511031	7,81	24515031	9,23
1/2"-3/8"	230 10	24501032	6,76	24505032	8,56
3/4"-1/4"	150 10	24501041	13,98	24505041	17,36
3/4"-3/8"	140 10	24501042	12,17	24505042	15,17
3/4"-1/2"	150 10	24501043	6,14	24505043	7,42
1"-1/2"	100 10	24501053	11,89	24505053	15,02
1"-3/4"	100 10	24501054	6,76	24505054	8,56
1 1/4"-1/2"	60 10	24501063	18,26	24505063	22,98
1 1/4"-3/4"	60 10	24501064	15,84	24505064	19,55
1 1/4"-1"	50 10	24501065	11,12	24505065	13,51
1 1/2"-3/4"	50 1	24501074	15,84	24505074	19,84
1 1/2"-1"	50 1	24501075	24,88	24505075	31,44
1 1/2"-1 1/4"	45 1	24501076	13,37	24505076	17,06
2"-1"	25 1	24501085	22,54	24505085	28,30
2"-1 1/4"	25 1	24501086	28,25	24505086	35,30
2"-1 1/2"	25 1	24501087	25,60	24505087	32,21
2 1/2"-1 1/2"	15 1	24501097	38,07	24505097	47,87
2 1/2"-2"	14 1	24501098	62,03	24505098	77,17
3"-2"	8 1	245010A8	77,49	245050A8	97,89
3"-2 1/2"	8 1	245010A9	98,57	245050A9	124,69
4"-3"	4 1	245010CA	184,88	245050CA	234,04

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/4"-1/8"	400 10	24611010	6,32	24615010	7,51
3/8"-1/4"	400 10	24611021	5,21	24615021	6,46
1/2"-1/4"	220 10	24601031	7,19	24605031	8,82
1/2"-3/8"	220 10	24601032	5,50	24605032	6,85
3/4"-3/8"	150 10	24601042	9,59	24605042	11,92
3/4"-1/2"	140 10	24601043	5,84	24605043	7,37
1"-1/2"	80 10	24601053	9,17	24605053	11,28
1"-3/4"	80 10	24601054	9,41	24605054	11,94
1 1/4"-1/2"	60 10	24601063	22,82	24605063	28,82
1 1/4"-3/4"	50 10	24601064	17,63	24605064	21,34
1 1/4"-1"	50 10	24601065	10,88	24605065	13,22
1 1/2"-3/4"	45 1	24601074	19,55	24605074	25,29
1 1/2"-1"	45 1	24601075	20,51	24605075	25,39
1 1/2"-1 1/4"	40 1	24601076	17,90	24605076	22,24
2"-1"	30 1	24601085	34,30	24605085	42,66
2"-1 1/4"	25 1	24601086	28,69	24605086	36,05
2"-1 1/2"	20 1	24601087	29,96	24605087	38,00
2 1/2"-1 1/2"	12 1	24601097	62,09	24605097	78,54
2 1/2"-2"	12 1	24601098	50,66	24605098	63,64
3"-2"	12 1	246010A8	73,60	246050A8	92,77
3"-2 1/2"	12 1	246010A9	89,93	246050A9	113,59



270 MANICOTTO

ISO/EN **M2**



271 MANICOTTO DESTRA/SINISTRA

ISO/EN **M2 R-L**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	400 10	27011000	4,80	27015000	5,80
1/4"	400 10	27011001	4,43	27015001	5,80
3/8"	250 10	27001002	4,14	27005002	4,96
1/2"	180 10	27001003	3,31	27005003	4,06
3/4"	110 10	27001004	4,34	27005004	5,50
1"	80 10	27001005	5,59	27005005	7,28
1 1/4"	45 1	27001006	9,23	27005006	11,41
1 1/2"	35 1	27001007	12,89	27005007	16,46
2"	20 1	27001008	19,32	27005008	24,34
2 1/2"	12 1	27001009	54,43	27005009	67,50
3"	9 1	2700100A	65,17	2700500A	81,07
4"	4 1	2700100C	149,53	2700500C	189,02
5"	3 1			2700500D	841,90
6"	3 1			2700500E	1.209,13

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	250 10	27101002	5,59	27105002	7,04
1/2"	180 10	27101003	5,12	27105003	6,37
3/4"	110 10	27101004	6,61	27105004	8,51
1"	80 10	27101005	8,80	27105005	10,98
1 1/4"	45 1	27101006	16,74	27105006	20,96
1 1/2"	35 1	27101007	18,26	27105007	22,98
2"	20 1	27101008	32,59	27105008	40,86



280 NIPPLO DOPPIO

ISO/EN N8

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	400 10	28011000	5,41	28015000	6,76
1/4"	400 10	28011001	5,04	28015001	6,00
3/8"	300 10	28001002	5,50	28005002	6,85
1/2"	200 10	28001003	2,86	28005003	3,60
3/4"	130 10	28001004	3,82	28005004	4,67
1"	80 10	28001005	5,28	28005005	6,76
1 1/4"	40 10	28001006	9,23	28005006	11,41
1 1/2"	40 1	28001007	10,94	28005007	13,19
2"	20 1	28001008	19,02	28005008	23,74
2 1/2"	10 1	28001009	34,30	28005009	42,66
3"	8 1	2800100A	41,58	2800500A	51,36
4"	4 1	2800100C	149,53	2800500C	189,02
5"	3 1			2800500D	633,48
6"	3 1			2800500E	1.042,13



281 NIPPLO DOPPIO DESTRA/SINISTRA

ISO/EN N8 R-L

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	300 10	28101002	11,84	28105002	13,90
1/2"	200 10	28101003	5,50	28105003	6,76
3/4"	130 10	28101004	6,61	28105004	8,33
1"	80 10	28101005	11,41	28105005	14,12
1 1/4"	40 10	28101006	16,02	28105006	20,06
1 1/2"	40 1	28101007	19,07	28105007	23,82
2"	20 1	28101008	35,30	28105008	44,00



290 TAPPO CON BORDO

ISO/EN T9

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	400 10	29011000	3,47	29015000	4,34
1/4"	400 10	29011001	2,63	29015001	3,47
3/8"	400 10	29001002	2,41	29005002	2,80
1/2"	300 10	29001003	2,33	29005003	2,80
3/4"	200 10	29001004	3,14	29005004	3,82
1"	120 10	29001005	3,52	29005005	4,19
1 1/4"	80 10	29001006	6,37	29005006	7,98
1 1/2"	60 10	29001007	8,03	29005007	9,71
2"	40 1	29001008	14,16	29005008	17,30
2 1/2"	20 1	29001009	29,87	29005009	37,86
3"	15 1	2900100A	38,66	2900500A	48,72
4"	8 1	2900100C	68,03	2900500C	86,03



291 TAPPO SENZA BORDO

ISO/EN T8

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	400 10	29111000	3,03	29115000	3,82
1/4"	400 10	29111001	3,03	29115001	3,82
3/8"	400 10	29101002	2,62	29105002	3,52
1/2"	300 10	29101003	2,47	29105003	3,38
3/4"	200 10	29101004	3,71	29105004	4,96
1"	120 10	29101005	4,80	29105005	5,80
1 1/4"	80 10	29101006	6,53	29105006	8,33
1 1/2"	60 10	29101007	11,12	29105007	13,84
2"	40 1	29101008	15,25	29105008	19,02
2 1/2"	20 1	29101009	29,68	29105009	36,26
3"	15 1	2910100A*	36,36	2910500A*	45,56
4"	8 1	2910100C*	125,50	2910500C*	158,82



294 TAPPO CON FORO NEL DADO

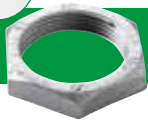
Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	300 10	29401003	7,60	29405003	9,31
3/4"	200 10	29401004	9,31	29405004	11,50
1"	120 10	29401005	11,50	29405005	14,88
1 1/4"	80 10	29401006	15,17	29405006	18,78
1 1/2"	60 10	29401007	16,02	29405007	19,68
2"	40 1	29401008	25,39	29405008	31,84



300 CALOTTA

ISO/EN T1

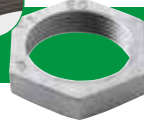
Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	400 10	30011000	6,24	30015000	7,51
1/4"	400 10	30011001	3,57	30015001	4,34
3/8"	400 10	30011002	3,10	30015002	4,06
1/2"	280 10	30001003	3,60	30005003	4,56
3/4"	180 10	30001004	4,34	30005004	5,50
1"	130 10	30001005	5,28	30005005	6,46
1 1/4"	80 10	30001006	8,03	30005006	9,71
1 1/2"	60 10	30001007	9,89	30005007	12,06
2"	40 1	30001008	18,20	30005008	22,76
2 1/2"	25 1	30001009	33,20	30005009	41,52
3"	15 1	3000100A	36,26	3000500A	45,28
4"	8 1	3000100C	77,93	3000500C	98,95



310 CONTRODADO

ISO/EN **P4**

Ø	Immagine	NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	400 10	31011001	3,31	31015001	4,26
3/8"	400 10	31011002	3,47	31015002	4,47
1/2"	400 10	31001003	2,62	31005003	3,47
3/4"	300 10	31001004	2,94	31005004	3,60
1"	200 10	31001005	4,51	31005005	5,36
1 1/4"	80 1	31001006	6,46	31005006	7,66
1 1/2"	70 1	31001007	7,04	31005007	8,80
2"	50 1	31001008	13,98	31005008	17,36
2 1/2"	25 1	31001009*	31,81	31005009	38,90
3"	25 1	3100100A*	37,19	3100500A	45,71



312 CONTRODADO CON SCANALATURA

ISO/EN **P4**

Ø	Immagine	NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	400 10	31211001	6,00	31215001	7,28
3/8"	400 10	31211002	6,53	31215002	8,51
1/2"	400 10	31201003	3,52	31205003	4,67
3/4"	300 10	31201004	4,28	31205004	5,12
1"	200 10	31201005	5,21	31205005	6,46
1 1/4"	120 10	31201006	7,98	31205006	9,47
1 1/2"	90 10	31201007	9,04	31205007	11,28
2"	60 10	31201008	18,11	31205008	22,30
2 1/2"	35 1	31201009	40,22	31205009	56,14
3"	25 1	3120100A	45,92	3120500A	60,80
4"	12 1	3120100C	72,80	3120500C	108,54



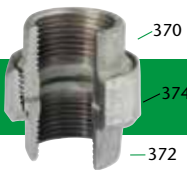
320 FLANGIA

Ø	Immagine	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	140 1	32001003	24,32	32005003	33,02
3/4"	110 1	32001004	35,27	32005004	46,24
1"	70 1	32001005	42,18	32005005	56,60
1 1/4"	50 1	32001006	56,00	32005006	75,06
1 1/2"	35 1	32001007	59,68	32005007	82,57
2"	30 1	32001008	64,32	32005008	85,67
2 1/2"	15 1	32001009	85,42	32005009	114,84
3"	10 1	3200100A	89,43	3200500A	120,40
4"	6 1	3200100C	106,46	3200500C	147,20



321 FLANGIA

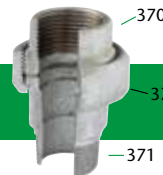
Ø	Immagine	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	110 1			32105002	20,64
1/2"	90 1	32101003	16,60	32105003	20,59
3/4"	70 1	32101004	20,12	32105004	26,07
1"	50 1	32101005	24,00	32105005	30,18
1 1/4"	30 1	32101006	31,81	32105006	40,07
1 1/2"	20 1	32101007	37,68	32105007	47,29
2"	15 1	32101008	45,58	32105008	57,14
2 1/2"	12 1	32101009	64,55	32105009	91,69
3"	9 1	3210100A	80,72	3210500A	106,13
4"	5 1	3210100C	131,58	3210500C	176,26



330 BOCCHETTONE A SEDE PIANA

ISO/EN **U1**

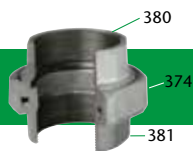
Ø	Immagine	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	80 10	33001003	12,12	33005003	14,60
3/4"	50 10	33001004	13,78	33005004	16,99
1"	30 10	33001005	15,28	33005005	19,24
1 1/4"	20 1	33001006	26,51	33005006	33,20
1 1/2"	18 1	33001007	34,10	33005007	42,86
2"	10 1	33001008	56,00	33005008	71,09
2 1/2"	7 1	33001009	128,80	33005009	162,80
3"	4 1	3300100A	188,94	3300500A	238,93
4"	2 1	3300100C	441,59	3300500C	559,43



331 BOCCHETTONE A SEDE PIANA

ISO/EN **U2**

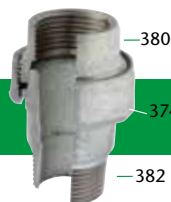
Ø	Immagine	NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	100 10	33101002	19,73	33105002	24,36
1/2"	60 10	33101003	13,85	33105003	17,06
3/4"	40 10	33101004	15,13	33105004	19,08
1"	35 1	33101005	18,41	33105005	22,82
1 1/4"	18 1	33101006	31,76	33105006	41,68
1 1/2"	15 1	33101007	40,01	33105007	50,29
2"	10 1	33101008	62,09	33105008	78,68
2 1/2"	4 1	33101009	144,73	33105009	182,99
3"	2 1	3310100A	211,58	3310500A	267,53



340 BOCCHETTONE A SEDE CONICA F/F

ISO/EN **U11**

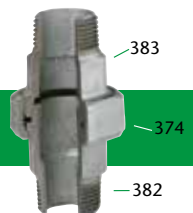
Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	160 10	34001000	43,62	34005000*	56,16
1/4"	140 10	34001001	21,25	34005001	26,21
3/8"	100 10	34001002	19,22	34005002	23,65
1/2"	80 10	34001003	14,53	34005003	18,11
3/4"	50 10	34001004	16,33	34005004	20,52
1"	30 10	34001005	19,02	34005005	23,66
1 1/4"	20 1	34001006	31,39	34005006	40,72
1 1/2"	18 1	34001007	36,78	34005007	47,68
2"	10 1	34001008	60,28	34005008	78,46
2 1/2"	7 1	34001009	136,16	34005009	172,43
3"	4 1	3400100A	189,92	3400500A	240,43
4"	2 1	3400100C	383,11	3400500C	485,42



341 BOCCHETTONE A SEDE CONICA M/F

ISO/EN **U12**

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	120 10	34101001	22,08	34105001	27,25
3/8"	100 10	34101002	16,88	34105002	21,25
1/2"	60 10	34101003	14,23	34105003	17,68
3/4"	40 10	34101004	17,15	34105004	21,25
1"	35 1	34101005	21,19	34105005	26,42
1 1/4"	18 1	34101006	33,64	34105006	42,05
1 1/2"	15 1	34101007	42,86	34105007	53,84
2"	10 1	34101008	68,56	34105008	85,87
2 1/2"	4 1	34101009	148,86	34105009	188,11
3"	2 1	3410100A	232,38	3410500A	294,17
4"	1	3410100C	425,69	3410500C	539,32



344 BOCCHETTONE A SEDE CONICA M/M

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/4"	120 10	34401001*	35,86	34405001*	44,85
3/8"	100 10	34401002*	30,02	34405002*	37,13
1/2"	50 10	34401003	27,31	34405003	34,74
3/4"	40 10	34401004	31,56	34405004	40,07
1"	30 1	34401005	36,19	34405005	45,58
1 1/4"	15 1	34401006	64,63	34405006	81,44
1 1/2"	10 1	34401007*	72,30	34405007	91,33
2"	6 1	34401008	128,08	34405008	166,61



370 PEZZO FILETTATO

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	250 1	37001003	5,12	37005003	6,08
3/4"	200 1	37001004	5,84	37005004	7,28
1"	120 1	37001005	6,90	37005005	8,80
1 1/4"	70 1	37001006	9,92	37005006	12,26
1 1/2"	50 1	37001007	12,94	37005007	15,64
2"	25 1	37001008	22,60	37005008	28,08
2 1/2"	15 1	37001009	44,75	37005009	56,62
3"	10 1	3700100A	65,60	3700500A	82,97
4"	6 1	3700100C	198,16	3700500C	233,08



371 PEZZO FILETTATO

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	225 1	37101003	8,03	37105003	10,00
3/4"	125 1	37101004	7,60	37105004	9,23
1"	80 1	37101005	9,08	37105005	11,36
1 1/4"	45 1	37101006	15,84	37105006	19,55
1 1/2"	35 1	37101007	18,11	37105007	22,60
2"	20 1	37101008	25,60	37105008	31,84
2 1/2"	10 1	37101009	52,86	37105009	66,80
3"	6 1	3710100A	93,44	3710500A	118,08



372 PEZZO FOLLE FEMMINA

Ø	Box	NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	325 1	37201003	5,28	37205003	6,98
3/4"	210 1	37201004	5,36	37205004	7,28
1"	150 1	37201005	5,41	37205005	7,81
1 1/4"	80 1	37201006	8,51	37205006	10,75
1 1/2"	55 1	37201007	11,41	37205007	14,42
2"	30 1	37201008	18,32	37205008	22,69
2 1/2"	16 1	37201009	39,82	37205009	50,14
3"	10 1	3720100A	72,07	3720500A	91,15


374 DADO

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	300 1	37401002	3,47	37405002	4,67
1/2"	175 1	37401003	4,80	37405003	5,80
3/4"	140 1	37401004	4,80	37405004	6,00
1"	100 1	37401005	5,28	37405005	6,90
1 1/4"	55 1	37401006	8,56	37405006	11,12
1 1/2"	45 1	37401007	10,75	37405007	13,07
2"	30 1	37401008	15,12	37405008	19,02
2 1/2"	15 1	37401009	36,86	37405009	46,62
3"	12 1	3740100A	47,60	3740500A	60,05
4"	8 1	3740100C	110,05	3740500C	136,16


471 GOMITO PER SOFFITO

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	40 10			47105003	22,60
3/4"	30 10			47105004	44,78
1"	20 10			47105005	60,92


526 PROLUNGAMENTO

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
30 x 3/8"	350 10	52601302	6,81	52605302	8,78
30 x 1/2"	220 10	52601303	7,50	52605303	9,21
40 x 3/8"	250 10	52601402	10,99	52605402	13,61
40 x 1/2"	200 10	52601403	6,97	52605403	9,20
40 x 3/4"	120 10	52601404	9,04	52605404	11,45
50 x 1/2"	120 10	52601503*	6,96	52605503*	8,82


529 PROLUNGAMENTO

 ISO/EN **M4**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
3/8"	300 10	52901002	5,59	52905002	7,44
1/2"	200 10	52901003	5,84	52905003	7,37
3/4"	120 10	52901004	8,56	52905004	10,98
1"	60 10	52901005	13,37	52905005	17,06
1 1/4"	40 1	52901006	18,12	52905006	22,43
1 1/2"	35 1	52901007*	26,07	52905007	31,44
2"	20 1	52901008*	42,83	52905008	52,32


531 NIPPLO SEMPLICE

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/8"	100 10			53115000	4,20
1/4"	500 10	53111001	3,30	53115001	4,33
3/8"	400 10	53101002	3,31	53105002	4,26
1/2"	380 10	53101003	4,47	53105003	5,37
3/4"	240 10	53101004	6,02	53105004	7,50
1"	140 10	53101005	9,06	53105005	10,82
1 1/4"	80 10	53101006	19,67	53105006	27,83
1 1/2"	60 10	53101007	21,63	53105007	27,17
2"	35 1	53101008	36,81	53105008	49,99
2 1/2"	18 1	53101009	49,69	53105009	71,75
3"	12 1	5310100A	55,04	5310500A	75,16
4"	8 1	5310100C	114,68	5310500C	167,08


596 TAPPO INTERNO

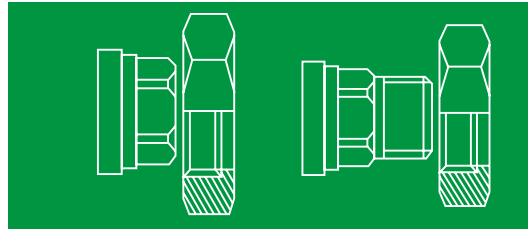
 ISO/EN **T11**

Ø		NERI		ZINCATI	
		COD.	€	COD.	€
1/2"	200 10			59605003*	5,19
3/4"	150 10	59601004*	5,19		
1"	150 10	59601005	6,08		
1 1/4"	140 1	59601006	9,08		
1 1/2"	125 1	59601007	16,88	59605007	21,34
2"	60 1	59601008*	25,44		

GUARNIZIONE DI TENUTA PER GIUNZIONI A SEDE PIANA


Giunti idonei per gas, acqua, olio e idrocarburi.
 Ottima qualità nel rapporto P (0-50Bar) - T^a (0 - 220° C).
 Certificato per acqua potabile (TZW) e gas (DVGW - VP 401 y DVGW DIN 3535-6).

Ø	Ø Int. mm.	Ø Ext. mm.	SPESSORE	COD.	€
1/2"	24	34	2	90000003	0,36
3/4"	27	38	2	90000004	0,66
1"	32	44	2	90000005	1,32
1 1/4"	42	55	2	90000006	1,85
1 1/2"	46	62	2	90000007	2,11
2"	60	78	2	90000008	2,65
2 1/2"	75	96	3	90000009	9,94
3"	88	109	3	9000000A	11,62
4"	113	134	3	9000000C	16,62

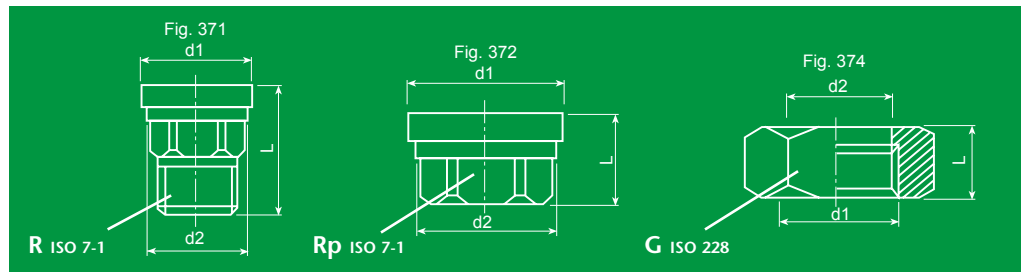


RACCORDI PER ATTACCO POMPA

■ 1 Kit è composto da:

- N. 2 "Dado" fig. 374 (P1), filetto secondo EN-ISO 228-1.
- N. 2 "Pezzo folle femmina" fig. 372 o 371 ("maschio"), filetto secondo DIN 2999/ISO 7-1/EN 10226-1
- N. 2 Guarnizioni senza amianto:
 - Temperatura max. 300° C.
 - Temperatura max. con vapore surriscaldato 200° C.
 - Certificato DVGW per uso gas industriale.
 - Certificato KTW per uso alimentare e potabile.

■ Ogni kit è debitamente confezionato in buste di plastica ed inscatolato con apposita etichettatura.



3/4" 372 (Riduz.)
KIT
C4201047

FIG	€	mm.			📦	(grs.)
		d1	d2	L		
372 Rp 3/4"	45,79	44,2	40,9	26,0	20	464
374 G 1 1/2"		45,15	41,8	22,0		

1"
KIT
C4201057

FIG	€	mm.			📦	(grs.)
		d1	d2	L		
372 Rp 1"	37,55	44,2	40,9	26,5	20	474
374 G 1 1/2"		45,15	41,8	22,0		

1" 372 (Riduz.)
KIT
C4201058

FIG	€	mm.			📦	(grs.)
		d1	d2	L		
372 Rp 1"	66,66	56,0	52,2	31,0	15	854
374 G 2"		56,9	52,9	24,0		

1"
KIT
C4101057

FIG	€	mm.			📦	(grs.)
		d1	d2	L		
371 R 1"	40,38	44,2	40,9	49,0	18	620
374 G 1 1/2"		45,15	41,8	22,0		

1 1/4" 371 (Estens.)
KIT
C4101067

FIG	€	mm.			📦	(grs.)
		d1	d2	L		
371 R 1 1/4"	77,32	44,2	40,9	48,0	15	624
374 G 1 1/2"		45,15	41,8	22,0		

1 1/4"
KIT
C4201068

FIG	€	mm.			📦	(grs.)
		d1	d2	L		
372 Rp 1 1/4"	57,50	56,0	52,2	31,0	15	878
374 G 2"		56,9	52,9	24,0		

IMBALLAGGIO

FIG.	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
1	200	250	170	110	60	35	17	12	6	3	4	2		
1A		250	130	100	60	40	20	15	8	3	4	2		
2		200	140	90	50	28	14	10	5	2	4	2		
2A			50	90	50	35	20	14	8	2	4	2		
3		300	200	120	70	40	20	14	7	3	5	2		
40		300	200	120	80	50	25	18	10	6	3	4		
41		220	150	100	60	40	22	15	9	4	2	2		
60				90	90	20	15	10	6					
85			100	60	30	20	10							
90	400	350	250	120	90	50	30	22	12	7	4	2	2	1
92	500	350	250	150	90	50	30	22	12	7	4	2		
94			200	150	90	60	20	25	10					
95			70	50	40	28	14	10	6					
96		120	80	50	40	28	14	10	6	4	2			
97			70	50	30	23	12	10	6					
98		120	80	50	30	23	12	10	6	3	2			
120			150	150	90	60	30	20	10	8	5			
121			200	150	100	50	30	25	12	8	5			
130	200	220	120	70	60	30	20	14	10	5	4	2	2	1
131				50	40	20	14	8	4	2	2	2		
132				40	25	15	10	8	3					
133			150	80	50	15								
134				80	50	30	20	15	8					
135				100	60	40								
165				50	30	20	10	6	4					
180		120	100	70	40	28	16	10	7	3	2	1		
220			100	60	40	20								
221			120	80	50	40	20	13	8					
223				60	40	25								
270	400	400	250	180	110	80	45	35	20	12	9	4	3	3
271			250	180	110	80	45	35	20					
280	400	400	300	200	130	80	40	40	20	10	8	4	3	3
281			300	200	130	80	40	40	20					
290	400	400	400	300	200	120	80	60	40	20	15	8		
291	400	400	400	300	200	120	80	60	40	20	15	8		
294				300	200	120	80	60	40					
300	400	400	400	280	180	130	80	60	40	25	15	8		
310		400	400	400	300	200	80	70	50	25	25			
312		400	400	400	300	200	120	90	60	35	25	12		
320				140	110	70	50	35	30	15	10	6		
321				90	70	50	30	20	15	12	9	5		
330				80	50	30	20	18	10	7	4	2		
331			100	60	40	35	18	15	10	4	2			
340	160	140	100	80	50	30	20	18	10	7	4	2		
341		120	100	60	40	35	18	15	10	4	2	1		
344		120	100	50	40	30	15	10	6					
370				250	200	120	70	50	25	15	10	6		
371				225	125	80	45	35	20	10	6			
372				325	210	150	80	55	30	16	10			
374				175	140	100	55	45	30	15	12	8		
471				40	30	20								
529			300	200	120	60	40	35	20					
531	500	500	400	380	240	140	80	60	35	18	12	8		
596				200	150	150	140	125	60					



	130R		130R
3/8 x 1/4 x 3/8	150	1 1/2 x 3/4 x 1 1/2	22
3/8 x 1/2 x 3/8	120	1 1/2 x 1 x 1	25
3/8 x 3/4 x 3/8	90	1 1/2 x 1 x 1 1/4	22
1/2 x 1/4 x 1/2	110	1 1/2 x 1 x 1 1/2	20
1/2 x 3/8 x 3/8	110	1 1/2 x 1 1/4 x 1	15
1/2 x 3/8 x 1/2	110	1 1/2 x 1 1/4 x 1 1/4	18
1/2 x 1/2 x 3/8	110	1 1/2 x 1 1/4 x 1 1/2	17
1/2 x 3/4 x 3/8	70	1 1/2 x 1 1/2 x 1/2	17
1/2 x 3/4 x 1/2	70	1 1/2 x 1 1/2 x 3/4	17
1/2 x 1 x 1/2	60	1 1/2 x 1 1/2 x 1	17
3/4 x 1/4 x 3/4	70	1 1/2 x 1 1/2 x 1 1/4	15
3/4 x 3/8 x 1/2	70	1 1/2 x 2 x 1 1/4	10
3/4 x 3/8 x 3/4	70	1 1/2 x 2 x 1 1/2	10
3/4 x 1/2 x 3/8	70	2 x 1/2 x 1 1/2	18
3/4 x 1/2 x 1/2	70	2 x 1/2 x 2	15
3/4 x 1/2 x 3/4	60	2 x 3/4 x 1 1/2	16
3/4 x 3/4 x 3/8	60	2 x 3/4 x 2	15
3/4 x 3/4 x 1/2	60	2 x 1 x 1 1/2	15
3/4 x 1 x 1/2	50	2 x 1 x 2	12
3/4 x 1 x 3/4	40	2 x 1 1/4 x 1	12
3/4 x 1 1/4 x 3/4	35	2 x 1 1/4 x 1 1/4	12
1 x 1/4 x 1	40	2 x 1 1/4 x 1 1/2	12
1 x 3/8 x 3/4	50	2 x 1 1/4 x 2	12
1 x 3/8 x 1	50	2 x 1 1/2 x 1	12
1 x 1/2 x 1/2	50	2 x 1 1/2 x 1 1/2	10
1 x 1/2 x 3/4	50	2 x 1 1/2 x 2	10
1 x 1/2 x 1	40	2 x 2 x 1/2	10
1 x 3/4 x 1/2	40	2 x 2 x 3/4	10
1 x 3/4 x 3/4	40	2 x 2 x 1	10
1 x 3/4 x 1	40	2 x 2 x 1 1/4	10
1 x 1 x 3/8	40	2 x 2 x 1 1/2	10
1 x 1 x 1/2	40	2 x 2 1/2 x 2	6
1 x 1 x 3/4	30	2 1/2 x 1/2 x 2 1/2	8
1 x 1 1/4 x 3/4	30	2 1/2 x 3/4 x 2 1/2	8
1 x 1 1/4 x 1	30	2 1/2 x 1 x 2 1/2	8
1 x 1 1/2 x 1	22	2 1/2 x 1 1/4 x 2 1/2	8
1 1/4 x 3/8 x 1 1/4	30	2 1/2 x 1 1/2 x 2 1/2	8
1 1/4 x 1/2 x 1	35	2 1/2 x 2 x 2	6
1 1/4 x 1/2 x 1 1/4	30	2 1/2 x 2 x 2 1/2	6
1 1/4 x 3/4 x 1/2	40	2 1/2 x 2 1/2 x 1 1/2	6
1 1/4 x 3/4 x 3/4	35	2 1/2 x 2 1/2 x 2	6
1 1/4 x 3/4 x 1	32	3 x 1/2 x 3	5
1 1/4 x 3/4 x 1 1/4	30	3 x 3/4 x 3	6
1 1/4 x 1 x 3/8	30	3 x 1 x 3	5
1 1/4 x 1 x 1/2	32	3 x 1 1/4 x 3	4
1 1/4 x 1 x 3/4	30	3 x 1 1/2 x 3	4
1 1/4 x 1 x 1	28	3 x 2 x 2	4
1 1/4 x 1 x 1 1/4	25	3 x 2 x 3	4
1 1/4 x 1 1/4 x 1/2	30	3 x 2 1/2 x 3	3
1 1/4 x 1 1/4 x 3/4	25	3 x 3 x 2	2
1 1/4 x 1 1/4 x 1	25	4 x 1/2 x 4	2
1 1/4 x 1 1/2 x 1	20	4 x 3/4 x 4	2
1 1/4 x 1 1/2 x 1 1/4	18	4 x 1 x 4	2
1 1/4 x 2 x 1 1/4	10	4 x 1 1/2 x 4	2
1 1/2 x 3/8 x 1 1/2	28	4 x 2 x 4	2
1 1/2 x 1/2 x 1 1/4	28	4 x 2 1/2 x 4	2
1 1/2 x 1/2 x 1 1/2	25	4 x 3 x 4	2
1 1/2 x 3/4 x 1 1/4	25	5 x 4 x 5	2



	90R	240	241	245	246
FIG.					
1/4 x 1/8		400	400	400	400
3/8 x 1/8		400	400	400	
3/8 x 1/4	120	400	400	400	400
1/2 x 1/8			400		
1/2 x 1/4	120	150	350	250	220
1/2 x 3/8	120	200	350	230	220
3/4 x 1/4		140	200	150	
3/4 x 3/8	90	140	200	140	150
3/4 x 1/2	90	140	200	150	140
1 x 1/4			140		
1 x 3/8		100	140		
1 x 1/2	50	90	140	100	80
1 x 3/4	50	80	140	100	80
1 1/4 x 3/8		60	80		
1 1/4 x 1/2	50	60	80	60	60
1 1/4 x 3/4	50	60	80	60	50
1 1/4 x 1	40	50	80	50	50
1 1/2 x 3/8			80		
1 1/2 x 1/2		50	70		
1 1/2 x 3/4	30	50	70	50	45
1 1/2 x 1	35	45	70	50	45
1 1/2 x 1 1/4	25	40	70	45	40
2 x 1/2		30	30		
2 x 3/4		30	30		
2 x 1	15	25	30	25	30
2 x 1 1/4	15	22	30	25	25
2 x 1 1/2	15	22	30	25	20
2 1/2 x 1		16	20		
2 1/2 x 1 1/4		14	20		
2 1/2 x 1 1/2		14	20	15	12
2 1/2 x 2	8	10	20	14	12
3 x 1			10		
3 x 1 1/4		10	10		
3 x 1 1/2		10	10		
3 x 2		10	15	8	12
3 x 2 1/2		8	15	8	12
4 x 2		6	8		
4 x 2 1/2		6	8		
4 x 3		6	8	4	
5 x 4			11		
6 x 4			6		
6 x 5			6		



FIG.	
30 x 3/8	350
30 x 1/2	220
40 x 3/8	250
40 x 1/2	200
40 x 3/4	120
50 x 1/2	120
50 x 3/4	100



FIG.	
1/2" x 3/8"	150
3/4" x 1/2"	90
1" x 3/4"	60
1 1/4" x 1"	30
1 1/2" x 1"	20
1 1/2" x 1 1/4"	20
3/8" x 1/2"	150
1/2" x 3/4"	90
3/4" x 1"	60
1" x 1 1/4"	30

DIMENSIONI DI CARTONI

25 x 19 x 20 cm.	37.5 x 27 x 21 cm.
STANDARD	Fig. 1, 1a, 2, 2a 3", 4" Fig. 40, 41 4" Fig. 90, 130, 270, 280 5", 6" Fig. 130R 5" x 4" x 5" Fig. 241 5" x 4" 6" x 4" 6" x 5"

IMBALLAGGIO

In sacchetto plastico con 10 pezzi.

Raccordi in acciaio.

La dimensione di cartoni è 25 x 19 x 20 cm.



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