

iFORMERS AND COUNTERFORMERS - For bending without mandrel

■ FORME TIPO "A" IN MILLIMETRI

Forme in alluminio completo di anello da utilizzare senza anima TIPO A per curvare tubi in rame crudo e ricotto, alluminio, ottone ricotto e acciaio per elettricisti. Da usare solo con le controforme.

▲ MILLIMETER SIZED FORMERS TYPE "A"

Aluminium formers with ring to use without mandrel. TYPE A for bending hard and soft copper tubes, aluminium pipes, annealed brass pipes and steel tubes for electricians. To use with guides only.

UNI			
	Ø mm	R mm	COD./CÓD.
	6	30	000638
	8	30	000639
	10	30	000482
	10	40	000483
	12	36	000315
	12	48	000316
	14	42	000317
	14	56	000318
	15	45	000258
	15	60	000247
	16	48	000239
	16	64	000181
	17	51	000324
	17	68	000325
	18	54	000246
	18	72	000248
	19	57	000322
	19	76	000323
	20	60	000198
	20	80	000256
	22	66	000240
	22	98	000170
42 - 60 - 70/C	24	72	000328
	24	96	000255
	25	75	000241
	25	100	000169
	26	78	000242
	26	104	000257
	28	84	000252
	28	112	000183
	30	90	000195
	30	120	000253
	32	96	000243
	32	128	000184
32 [multistrato]	128	000184.M	
34	102	000329	
34	136	000330	
35	105	000244	
35	140	000249	
37	111	000320	
37	148	000321	
38	114	000245	
38	152	000185	
40	120	000196	
40	160	000254	
40 [multistrato]	160	000254.M	
42	126	000251	
42	168	000250	
45	180	000197	
50	200	000259	
60	240	000164	
63 [multistrato]	240	000971	

■ FORME TIPO "B" IN POLLICI REALI (WHT)

Forme in alluminio completo di anello da utilizzare senza anima TIPO B per curvare tubi in rame crudo e ricotto, alluminio, ottone ricotto e acciaio per elettricisti. Da usare solo con le controforme.

▲ WHT INCH SIZED FORMERS TYPE "B"

Aluminium formers with ring to use without mandrel. TYPE B for bending hard and soft copper tubes, aluminium pipes, annealed brass pipes and steel tubes for electricians. To use with guides only.

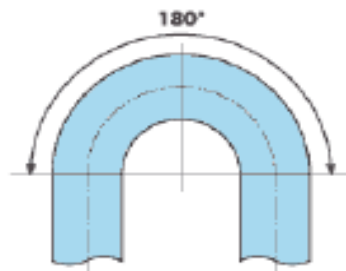
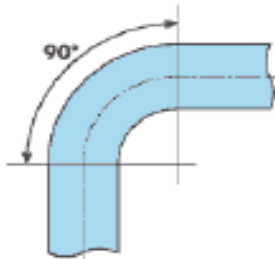
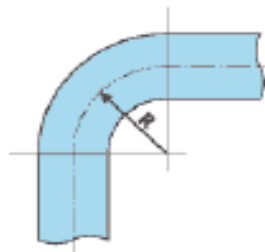
UNI				
	Ø" WHT	Ø mm	R	COD./CÓD.
42 - 60 - 70/C	1/4	6,35	3D	000630
	5/16	7,94	3D	000631
	3/8	9,52	3D	000632
	1/2	12,70	3D	000261
	1/2	12,70	4D	000262
	5/8	15,88	3D	000263
	5/8	15,88	4D	000264
	3/4	19,05	3D	000265
	3/4	19,05	4D	000266
	7/8	22,22	3D	000267
	7/8	22,22	4D	000268
	1"	25,40	3D	000269
	1"	25,40	4D	000270
	1 1/8	28,58	3D	000271
	1 1/8	28,58	4D	000272
	1 1/4	31,75	3D	000273
	1 1/4	31,75	4D	000274
	1 3/8	34,92	3D	000275
	1 3/8	34,92	4D	000276
	1 1/2	38,10	3D	000277
	1 1/2	38,10	4D	000278
	1 5/8	41,28	3D	000506
	1 5/8	41,28	4D	000508
	1 3/4	44,45	4D	000532
	1 7/8	47,62	4D	000579
	2"	50,80	4D	000279
	2 1/4	57,15	4D	000280
	2 3/8	60,32	4D	000581

FORME E CONTROFORME SPECIALI A RICHIESTA
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FORMAS Y CONTRAFORMAS ESPECIALES A PETICIÓN

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USEFUL INFORMATION FOR THE PURCHASE OF A PIPE BENDING MACHINE TYPE UNI INFORMACIONES UTILES PARA COMPRAR UNA CURVADORA UNI



1 E' indispensabile sapere il tipo di materiale del tubo da curvare, il diametro esterno [mm/pollici gas/ WHT pollici real], lo spessore (mm) e il raggio di curvatura che si vuole ottenere.

It is necessary to know the type of material of the pipe to bend, the outside diameter [mm/gas inch/ Wht real inch], the pipe wall thickness (mm) and the required bending radius.

2 Il raggio di curvatura (da non confondersi con l'angolo di curvatura) è la distanza che intercorre tra l'ipotetico centro cerchio e il centro del tubo curvato.

Quando parliamo di raggio 3D oppure 4D significa che il raggio di curvatura è 3 o 4 volte il diametro esterno del tubo (es. Ø 40 mm, raggio 3D = 40 x 3 = 120 mm).

Ricordiamo che più il raggio di curvatura è grande e migliore è il risultato del tubo lavorato.

The bending radius (not to confuse with the bending angle) is the distance between the hypothetical centre of the circle and the centre of the bent pipe.

When speaking of radius 3D or 4D we mean that the bending radius is 3 or 4 times the outside diameter of the pipe (example: diam. 40 mm, radius 3D = 40 x 3 = 120mm).

Bear in mind that the bigger the bending radius, the better the result on the bent pipe will be.

3 L'angolo di curvatura espresso in gradi determina l'ampiezza della curva.

The bending angle, expressed in degrees, determines the width of the bend.

4 Si curva senza l'ausilio dell'anima quando non si hanno esigenze particolari o quando si devono lavorare tubi spessi e/o con raggi di curvatura 3D/4D o superiori. Invece si curva con l'ausilio dell'anima quando si hanno esigenze particolari o quando si devono lavorare tubi sottili e/o con raggi di curvatura 2D/2,5D.

You can bend without using the mandrel system when you do not have particular exigencies or when you must bend thick pipes and/or with bending radii 3D/4D or bigger ones.

On the contrary you must bend with mandrel system everytime you have particular exigencies or when you must bend thin pipes and/or with smaller bending radii 2D/2,5D.



SPHEROIDAL GRAPHITE IRON FORMERS WITH HOOK TYPE G IN WHT INCH AND GAS INCH

To use without mandrel to bend ST37 steel pipes, stainless steel pipes, hard and soft copper pipes, aluminium and soft brass pipes.

■ Forme per curvare tubi in acciaio ST37, acciaio inox, rame duro e ricotto, alluminio, ottone ricotto e simili.

▲ Forme to bend ST37 steel, stainless steel, hard and soft copper, aluminium and soft brass pipes and similar ones.

ATTENZIONE: le forme dal R 90 al R 190 per lo curvare tubi mod. UNI 42 sono st
ATTENTION: The formes from R 90 to R 190 are specific for the UNI 42 pipe ber

MOD. UNI	Ø TUBO Ø TUBE Ø TUBO	R. 36		R. 46		R. 56		R. 67	
		mm	mm, min.	mm	mm, min.	mm	mm, min.	mm	mm, min.
42	1/4 (6,35 mm)	00W1/4R36	1	00W1/4R46	1	00W1/4R56	1	00W1/4R67	1
	5/16 (7,94 mm)	00W5/16R36	1	00W5/16R46	1	00W5/16R56	1	00W5/16R67	1
	3/8 (9,52 mm)	00W3/8R36	1	00W3/8R46	1	00W3/8R56	1	00W3/8R67	1
	1/2 (12,70 mm)	00W1/2R36	1	00W1/2R46	1	00W1/2R56	1	00W1/2R67	1
60	5/8 (15,88 mm)	00W5/8R36	2	00W5/8R46	1	00W5/8R56	1	00W5/8R67	1
	3/4 (19,05 mm)			00W3/4R46	2,5	00W3/4R56	1,5	00W3/4R67	1
76	7/8 (22,22 mm)			00W7/8R46	2	00W7/8R56	1,5	00W7/8R67	1
	1" (25,40 mm)					00W1R56	2	00W1R67	1
89	1 1/8 (28,58 mm)					00W1,1/8R56	2,5	00W1,1/8R67	1
	1 1/4 (31,75 mm)							00W1,1/4R67	2,5
	1 3/8 (34,92 mm)								
70	1 1/2 (38,10 mm)								
	1 5/8 (41,28 mm)								
89	1 3/4 (44,45 mm)								
	1 7/8 (47,62 mm)								
70	2" (50,80 mm)								

MOD. UNI	Ø TUBO Ø TUBE Ø TUBO	R. 90		R. 100		R. 130	
		mm	mm, min.	mm	mm, min.	mm	mm, min.
42	1/4 (6,35 mm)	00W1/4R90	1	00W1/4R100	1	00W1/4R130	
	5/16 (7,94 mm)	00W5/16R90	1	00W5/16R100	1	00W5/16R130	
	3/8 (9,52 mm)	00W3/8R90	1	00W3/8R100	1	00W3/8R130	
	1/2 (12,70 mm)	00W1/2R90	1	00W1/2R100	1	00W1/2R130	
60	5/8 (15,88 mm)	00W5/8R90	1	00W5/8R100	1	00W5/8R130	
	3/4 (19,05 mm)	00W3/4R90	1	00W3/4R100	1	00W3/4R130	
76	7/8 (22,22 mm)	00W7/8R90	1	00W7/8R100	1	00W7/8R130	
	1" (25,40 mm)	00W1R90	1,5	00W1R100	1	00W1R130	
89	1 1/8 (28,58 mm)	00W1,1/8R90	2,5	00W1,1/8R100	2	00W1,1/8R130	
	1 1/4 (31,75 mm)	00W1,1/4R90	2,5	00W1,1/4R100	2	00W1,1/4R130	
	1 3/8 (34,92 mm)	00W1,3/8R90	2	00W1,3/8R100	2	00W1,3/8R130	
70	1 1/2 (38,10 mm)	00W1,1/2R90	3	00W1,1/2R100	2	00W1,1/2R130	
	1 5/8 (41,28 mm)	00W1,5/8R90	3	00W1,5/8R100	2	00W1,5/8R130	
89	1 3/4 (44,45 mm)			00W1,3/4R100	3	00W1,3/4R130	
	1 7/8 (47,62 mm)			00W1,7/8R100	3	00W1,7/8R130	
70	2" (50,80 mm)					00W2R130	

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■ FORME TIPO "E" IN WHT (POLLICI REALI)

Forme in ghisa sferoidale complete di anello da utilizzare senza anima TIPO E per curvare tubi in ottone crudo, acciaio, acciaio inox, benderizzati, titanio etc. Da usare con le controforme o i rulli in base allo spessore del tubo, (dal diam. 1/4" al diam. 2" 3/8).

▲ WHT INCH SIZED FORMERS TYPE "E"

Spheroidal graphite iron formers with ring to use without mandrel TYPE E for bending hard brass, steel, stainless steel, benderized, titanium tubes etc. To use with guides or rollers according to the tube wall thickness from Ø 1/4" to Ø 2" 3/8.

UNI		Ø WHT	Ø mm	R	mm.			mm.		COD./CÓD.
					min.	max.				
42 - 60 - 70/C - 76 - 89	1/4	6,35	3D	1	2	*	2,5	*	000633	
	5/16	7,94	3D	1	2	*	2,5	*	000634	
	3/8	9,52	3D	1	2	*	2,5	*	000635	
	1/2	12,70	3D	1	2	*	2,5	*	000332	
	1/2	12,70	4D	1	2	*	2,5	*	000333	
	5/8	15,88	3D	1	2	*	2,5	*	000334	
	5/8	15,88	4D	1	2	*	2,5	*	000335	
	3/4	19,05	3D	1	2	*	2,5	*	000552	
	3/4	19,05	4D	1	2	*	2,5	*	000553	
	7/8	22,22	3D	1	2	*	2,5	*	000554	
	7/8	22,22	4D	1	2	*	2,5	*	000339	
	1"	25,40	3D	1	2	*	2,5	*	000340	
	1"	25,40	4D	1	2	*	2,5	*	000341	
	1 1/8	28,58	3D	1	2	*	2,5	*	000342	
	1 1/8	28,58	4D	1	2	*	2,5	*	000343	
	1 1/4	31,75	3D	1	2,5	*	2,5	*	000344	
	1 1/4	31,75	4D	1	2,5	*	2,5	*	000345	
	1 3/8	34,92	3D	1	2,5	*	2,5	*	000346	
	1 3/8	34,92	4D	1	2,5	*	2,5	*	000347	
	1 1/2	38,10	3D	1	2,5	*	2,5	*	000348	
1 1/2	38,10	4D	1	2,5	*	2,5	*	000349		
1 5/8	41,28	3D	1	2,5	*	2,5	*	000507		
1 5/8	41,28	4D	1	2,5	*	2,5	*	000509		
1 3/4	44,45	3D	1	2,5	*	2,5	*	000562		
1 3/4	44,45	4D	1	2,5	*	2,5	*	000563		
1 7/8	47,63	3D	1	2,5	*	2,5	*	000754		

UNI		Ø WHT	Ø mm	R	mm.			mm.		COD./CÓD.
					min.	max.				
70/C/76-89	2 1/4	57,15	3D	1	2,5	*	2,5	*	000757-70	
	2 1/4	57,15	4D	1	2,5	*	2,5	*	000351-70	
76 - 89	2 3/8	60,32	3D	1	2,5	*	2,5	*	000758-70	
	2 3/8	60,32	4D	1	2,5	*	2,5	*	000583-70	
76 - 89	2 1/2	63,5	180	1	2,5	*	2,5	*	0001104	
	2 1/2	63,5	240	1	2,5	*	2,5	*	0001105	
	2 5/8	66,7	228	1	2,5	*	2,5	*	0001106	
	2 3/4	69,8	228	1	2,5	*	2,5	*	0001107	
	2 7/8	73	228	1	2,5	*	2,5	*	0001108	
89	3"	76	228	1	2,5	*	2,5	*	0001102	
	3 1/4	82,5	355	1	2,5	*	2,5	*	0001224	
	3 1/2	89,9	355	1	2,5	*	2,5	*	0001225	

■ FORME TIPO "L" IN POLLICI GAS

Forme in ghisa sferoidale complete di anello da utilizzare senza anima TIPO L per curvare tubi gas da usare con le controforme o i rulli in base allo spessore del tubo.

▲ GAS INCH SIZED FORMERS TYPE "L"

Spheroidal graphite iron formers with ring to use without mandrel TYPE L for bending gas tubes. To use with guides or rollers according to the tube wall thickness.

UNI	Ø GAS		CORRISPONDENZA EQUIVALENT CONVERSION		R.	COD./CÓD.
			mm	mm		
70/C-76-89	1/4		13,72		47	000524
	3/8		17,2		53,5	000194
	1/2		21,3		59	000193
	3/4		26,9		78	000145

■ FORME TIPO "H" IN MILLIMETRI

Forme in ghisa sferoidale da utilizzare senza anima TIPO H per curvare tubi in acciaio, acciaio inox oleodinamica (con spessore minimo 3 mm) con raggi stretti circa 2 volte il diametro del tubo.





▲ MILLIMETER SIZED FORMERS TYPE "H"

Spheroidal graphite iron formers to use without mandrel TYPE H for bending steel, hydraulic stainless steel pipes (minimum thickness 3 mm) with tight radii (about 2D).

UNI	Ø mm		R		COD./CÓD.
			min.	max. [mm]	
42-60-70/C-76	20		30	43	H.30-43
	30		43.1	61	H.43-61
	38		61.1	76	H.61-76
	42		76.1	91	H.76-91
	45		91.1	128	H.91-128
70/C - 76	60		101	115	H.101-115
	60		115.1	130	H.115-130
	60		130.1	150	H.130-150
	60		150.1	170	H.150-170
	60		170.1	200	H.170-200
	60		200.1	240	H.200-240
	60		240.1	280	H.240-280





■ FORME TIPO "C" IN MILLIMETRI

Forme in ghisa sferoidale complete di anello da utilizzare senza mandrel
 anima TIPO C per curvare tubi in ottone crudo, acciaio, acciaio
 inox, benderizzati, titanio etc. Da usare con le controforme o i rulli
 in base allo spessore del tubo (dal diam. 6 al diam. 60).

UNI							COD./COD.	
	Ø mm	R	min.	max.				mm.
42 - 60 - 70/C - 76 - 89	6	30	1	2	•	2,5	•	000636
	8	30	1	2	•	2,5	•	000637
	10	30	1	2	•	2,5	•	000526
	10	40	1	2	•	2,5	•	000426
	12	36	1	2	•	2,5	•	000309
	12	48	1	2	•	2,5	•	000310
	14	42	1	2	•	2,5	•	000311
	14	56	1	2	•	2,5	•	000312
	15	45	1	2	•	2,5	•	000307
	15	60	1	2	•	2,5	•	000308
	16	48	1	2	•	2,5	•	000305
	16	64	1	2	•	2,5	•	000306
	17	51	1	2	•	2,5	•	000313
	17	68	1	2	•	2,5	•	000314
	18	54	1	2	•	2,5	•	000303
	18	72	1	2	•	2,5	•	000304
	19	57	1	2	•	2,5	•	000326
	19	76	1	2	•	2,5	•	000327
	20	60	1	2	•	2,5	•	000281
	20	80	1	2	•	2,5	•	000286
	22	66	1	2	•	2,5	•	000282
	22	88	1	2	•	2,5	•	000182
	24	72	1	2	•	2,5	•	000301
	24	96	1	2	•	2,5	•	000302
	25	75	1	2	•	2,5	•	000283
	25	100	1	2	•	2,5	•	000284
	26	78	1	2	•	2,5	•	000299
	26	104	1	2	•	2,5	•	000300
	28	84	1	2	•	2,5	•	000297
	28	112	1	2	•	2,5	•	000298
	30	90	1	2	•	2,5	•	000147
	30	120	1	2	•	2,5	•	000148
	32	96	1	2,5	•	2,5	•	000287
	32	128	1	2,5	•	2,5	•	000289
	34	102	1	2,5	•	2,5	•	000290
	34	136	1	2,5	•	2,5	•	000291
	35	105	1	2,5	•	2,5	•	000145
	35	140	1	2,5	•	2,5	•	000146
	37	111	1	2,5	•	2,5	•	000292
	37	148	1	2,5	•	2,5	•	000293
	38	114	1	2,5	•	2,5	•	000143
	38	152	1	2,5	•	2,5	•	000144
40	120	1	2,5	•	2,5	•	000294	
40	160	1	2,5	•	2,5	•	000295	
42	126	1	2,5	•	2,5	•	000141	
42	168	1	2,5	•	2,5	•	000142	
45	135	1	2,5	•	2,5	•	000750	
45	180	1	2,5	•	2,5	•	000414	
50	150	1	2,5	•	2,5	•	000751	
50	200	1	2,5	•	2,5	•	000285	
54	162	1	2,5	•	2,5	•	000752	
54	216	1	2,5	•	2,5	•	000629	

▲ MILLIMETER SIZED FORMERS TYPE "C"

Spheroidal graphite iron formers with ring to use without mandrel
 TYPE C for bending hard brass, steel, stainless steel, benderized,
 titanium tubes etc. To use with guides or rollers according to the tube
 wall thickness from diam. 6 to diam. 60.

UNI							COD./COD.	
	Ø mm	R	min.	max.				mm.
60-70/C-76-89	45	135	1	2,5	•	2,5	•	000750.6070
	45	180	1	2,5	•	2,5	•	000414.6070
	50	150	1	2,5	•	2,5	•	000751.6070
	50	200	1	2,5	•	2,5	•	000285.6070
	54	162	1	2,5	•	2,5	•	000752.6070
	54	216	1	2,5	•	2,5	•	000629.6070
70/C - 76 - 89	45	135	1	2,5	•	2,5	•	000750.70
	45	180	1	2,5	•	2,5	•	000414.70
	50	150	1	2,5	•	2,5	•	000751.70
	50	200	1	2,5	•	2,5	•	000285.70
	54	162	1	2,5	•	2,5	•	000752.70
	54	216	1	2,5	•	2,5	•	000629.70
76 - 89	63	180	1	2,5	•	2,5	•	0001097
	63	240	1	2,5	•	2,5	•	0001098
	65	228	1	2,5	•	2,5	•	0001099
	70	228	1	2,5	•	2,5	•	0001100
	75	228	1	2,5	•	2,5	•	0001103
	75	292	1	2,5	•	2,5	•	0001128
89	80	355	1	2,5	•	2,5	•	0001221
	85	355	1	2,5	•	2,5	•	0001222
90	355	1	2,5	•	2,5	•	0001223	

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**CONTROFORME IN OTTONE IN MM
MILLIMETER SIZED BRASS GUIDES
CONTRAFORMAS DE LATÓN EN MILÍMETROS**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Ø 6 - 8	420060
Ø 10 - 12	420061
Ø 12 - 14	420062
Ø 15 - 17	420063
Ø 15 - 18	420064
Ø 16 - 18	420023
Ø 19 - 26	420065
Ø 20 - 24	420066
Ø 20 - 25	420026
Ø 20 - 26	420067
Ø 22 - 28	420027
Ø 30 - 32	420068
Ø 32 - 38	420028
Ø 32 - 40	420069
Ø 34 - 37	420070
Ø 35 - 38	420071
Ø 35 - 40	420029
Ø 42	420072
Ø 42 per rame/for copper/para cobre UNI 42	420073
Ø 42 per rame/for copper/para cobre UNI 60 - 70/C	420074
Ø 42 per/for/para UNI 60 - 70/C	420075
Ø 45	420076
Ø 50	420077
Ø 54	420078
Ø 60	420079
Ø 63 (1)	420081
Ø 65	CF76BM65
Ø 70	CF76BM70
Ø 75	CF76BM75
Ø 80*	CF89BM80
Ø 85*	CF89BM85
Ø 90*	CF89BM90


(1) Tubo multistrato/Double coated aluminium pipe (type Mepal, Alupex and similar ones)/Tubo multicapa

**CONTROFORME WHT (POLLICI REALI)
WHT INCH SIZED BRASS GUIDES
CONTRAFORMAS EN PULGADAS REALES**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Ø 1/4 - 5/16	420103
Ø 3/8 - 1/2	420104
Ø 5/8 - 3/4	420105
Ø 7/8 - 1	420030
Ø 1 1/4 - 1 1/2	420039
Ø 1 1/8 - 1 3/8	420031
Ø 1 5/8	420100
Ø 1 5/8 solo/only/solamente UNI 60 - 70/C	420101
Ø 1 3/4	420102
Ø 1 3/4 solo/only/solamente UNI 60 - 70/C	420106
Ø 1 7/8	420107
Ø 2*	420108
Ø 2 1/8	420109
Ø 2 1/4	420110
Ø 2 3/8	420111
Ø 2 1/2	420112
Ø 2 5/8*	CF7682.5/8W
Ø 2 3/4*	CF7682.3/8W
Ø 2 7/8*	CF7682.7/8W
Ø 3*	CF7682.1/2.3W
Ø 3 1/4*	CF8983.1/4W
Ø 3 1/2*	CF8983.1/2W

**IRULLI IN POLLICI WHT (POLLICI REALI) PER UNI 42
WHT INCH SIZED ROLLERS FOR UNI 42
RODILLOS EN PULGADAS REALES PARA UNI 42**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Ø 1/4"	595385
Ø 3/8"	595386
Ø 1/2"	595387
Ø 5/8"	595388
Ø 3/4"	595389
Ø 7/8"	595390
Ø 1"	595391
Ø 1 1/8	595392
Ø 1 1/4	595393
Ø 1 3/8	595394
Ø 1 1/2	595395
Ø 1 5/8	595396

**CONTROFORME IN POLLICI GAS
GAS INCH SIZED BRASS GUIDES
CONTRAFORMAS EN PULGADAS GAS**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Ø 1/8 - 1/4	420130
Ø 3/8 - 1/2	420131
Ø 3/4 - 1"	420032
Ø 1 1/4	420132
Ø 1 1/4 solo/only/solamente UNI 60 - 70/C	420133
Ø 1 1/2	420134
Ø 2*	420135
Ø 2 1/2*	CF7682.1/2.3W
Ø 3**	CF8983

**CONTROFORME SPECIALI PER UNI 60 AI E UNI 30 SPEED
(SOLO CON ALBERO RIDOTTO) IN MM
MILLIMETER SIZED SPECIAL GUIDES FOR THE UNI 60 AI
AND UNI 30 SPEED (WITH REDUCED SHAFT ONLY)
CONTRAFORMAS ESPECIALES PARA LA UNI 60 AI
Y UNI 30 SPEED (SOLO CON EJE REDUCIDO) EN MM.**




ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Ø 6-8	224014
Ø 10-12	420013
Ø 14-16	420014
Ø 18-22	420015
Ø 12-15	420009
Ø 17-20	420008

**CONTROFORME SPECIALI PER UNI 60 AI E UNI 30 SPEED
(SOLO CON ALBERO RIDOTTO) IN WHT (POLLICI REALI)
WHT INCH SIZED GUIDES FOR THE UNI 60 AI
AND UNI 30 SPEED (WITH REDUCED SHAFT ONLY)
CONTRAFORMAS ESPECIALES PARA LA UNI 60 AI Y
UNI 30 SPEED (SOLO CON EJE REDUCIDO) EN PULGADAS REALES**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Ø 1/4.5/16	224018
Ø 1/4.3/8	224017
Ø 1/2.5/8	420006


**RULLI IN MILLIMETRI PER UNI 42
MILLIMETER SIZED ROLLERS FOR UNI 42
RODILLOS EN MILÍMETROS PARA UNI 42**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Universale/universal/universal UNI 42	595362
Ø 10	595363
Ø 12	595364
Ø 14	595365
Ø 15	595366
Ø 16	595367
Ø 17	595368
Ø 18	595369
Ø 19	595370
Ø 20	595371
Ø 22	595372
Ø 24	595373
Ø 25	595374
Ø 26	595375
Ø 28	595376
Ø 30	595377
Ø 32	595378
Ø 34	595379
Ø 35	595380
Ø 37	595381
Ø 38	595382
Ø 40	595383
Ø 42	595384

(*) IN BRONZO / IN BRONZE / DE BRONCE

**RULLI IN POLLICI WHT (POLLICI REALI)
PER: UNI 60 - 70/C - 76 - 89
WHT INCH SIZED ROLLERS FOR UNI 60 - 70/C - 76 - 89
RODILLOS EN PULGADAS REALES
PARA UNI 60 - 70/C - 76 - 89**



ARTICOLO/ITEM/ARTÍCULO	COD./CÓD.
Rullo Ø 1/2"	595136
Rullo Ø 5/8"	595137
Rullo Ø 3/4"	595138
Rullo Ø 7/8"	595139
Rullo Ø 1"	595140
Rullo Ø 1 1/8	595141
Rullo Ø 1 1/4	595142
Rullo Ø 1 3/8	595286
Rullo Ø 1 1/2	595120
Rullo Ø 1 5/8	595142
Rullo Ø 1 3/4	595143
Rullo Ø 1 7/8	595144