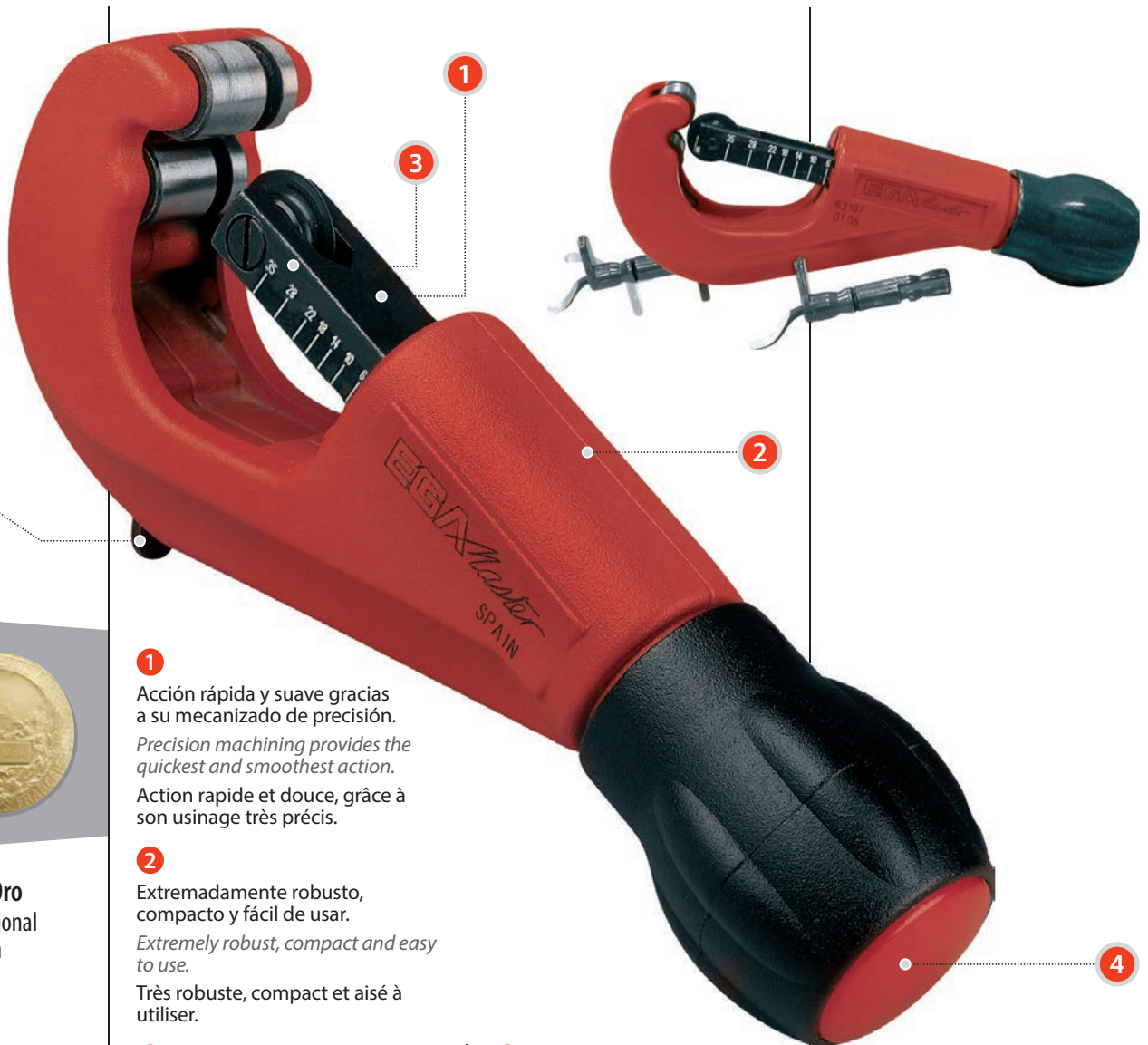


20

HERRAMIENTA PARA COBRE
TOOLS FOR COPPER
OUTILLAGE POUR LE CUIVRE
WERKZEUGE FÜR KUPFER
UTENSILI PER RAME
FERRAMENTAS PARA COBRE
ИНСТРУМЕНТ ДЛЯ МЕДИ





Medalla de Oro
Salón Internacional
de la Invención

París 2004

Gold Medal
International Inventors
Competition

Paris 2004

Medaille d'Or
Salon International
de l'Invention

Paris 2004

1 Acción rápida y suave gracias a su mecanizado de precisión.
Precision machining provides the quickest and smoothest action.
 Action rapide et douce, grâce à son usinage très précis.

2 Extremadamente robusto, compacto y fácil de usar.
Extremely robust, compact and easy to use.
 Très robuste, compact et aisé à utiliser.

3 Escala graduada marcada en láser para facilitar el posicionamiento.
Laser marked graduated scale to facilitate working action.
 Echelle graduée, marquée au laser, pour faciliter le positionnement.

4 Cuchilla de repuesto incluida en el pomo.
Extra cutting wheel at the knob.
 Molette de rechange, incluse dans le manche.

5 Puede cortar tubos de cobre, acero inoxidable y plástico con las cuchillas correspondientes.
Able to cut copper, inox and plastic pipes with the proper cutting wheels.
 Il peut couper du cuivre, de l'inox et du plastique avec les molettes correspondantes.

6 Escariador extraíble puede trabajar montado en el cortatubos o de forma independiente.
Extractable reamer can work assembled in the tubing cutter or independently.
 L'alésoir extractif peut travailler assemblé au coupe-tubes ou de manière indépendante.







7 Modelo registrado:
Registered model:
 Modèle enregistré:
MI.S.146.561



■ CORTATUBOS / TUBE CUTTER / COUPE-TUBES / KUPFER ROHRABSCHNEIDER / TAGLIATUBI / CORTA TUBOS / ТРУБОРЕЗ

■ SERIE CU = COBRE / COPPER / CUIVRE

■ MINI







COD.							
63097	CU	3-22	135	20	●	63110	20

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Reforzado / Reinforced / Renforcé









■ MINI 30

COD.							
63168	CU	3-30	210	10	●	63086	20

Modelo registrado / Registered model / Modèle enregistré









■ CLASSIC 32

COD.							
63170	CU	3-32	300	1	●	63110	20









■ TELESCOPIC 32

COD.							
63105	CU	6-32	290	1	●	63110	20









■ UNIQUE

COD.							
63119	CU	6-42	550	8	●	63111	10

● | Modelo registrado / Registered model / Modèle enregistré









■ AUTOMATIC 50

COD.							
63363	CU	6-50	450	1	●	63720	10



■ AUTOMATIC 67

COD.							
63107	CU	6-67	750	1	●	63111	10



■ AUTOMATIC 127

COD.							
63174	CU	50-127	1950	1	●	64106	10



■ **KIT 3 PCS.**

COD.	PCS.
69465	3

PCS./UN.	COD. PCS.
1	63097
	63170
	63119



■ **ROLLCUT**

COD.	O.D. mm	g				
63210	12	230				63243
63211	15	220				63244
63212	18	250	6	•		63245
63213	22	240				63246



■ **EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORE / DISPLAY STAND / СТЕНДЫ**

■ **SERIE CU = COBRE / COPPER / CUIVRE**

■ **20 PCS.**

COD.	PCS.
55567	20

PCS./UN.	COD. PCS.	O.D. mm
8	63170	
4	63105	Ø32 mm
8	63119	Ø42 mm



■ **ESCARIADORES / REAMERS / ALESOIR / ENTGRATER / SBAVATORI / ESCARIADOR / ЗЕХКОВКА**

COD.		g			← 47 mm →	← 26 mm →
63371	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	90	20	•	64008	64447
63375	Latón, Fundición / Brass, Cast iron / Laiton, Fonte				64446	64448

COD.		g			← 47 mm →
63370	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	50	20	•	64008
63374	Latón, Fundición / Brass, Cast iron / Laiton, Fonte				64446

COD.		g			← 47 mm →
63368	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	10	20	•	64008
63372	Latón, Fundición / Brass, Cast iron / Laiton, Fonte				64446

COD.	Descripción / Description / Description	L (mm)	
64008	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	47	6
64446	Latón, Fundición / Brass, Cast iron / Laiton, Fonte		



COD.	Descripción / Description / Description	L (mm)	
64447	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	26	20
64448	Latón, Fundición / Brass, Cast iron / Laiton, Fonte		






COD.						
63958	Cu, Acero, Plástico, Inox, Latón, Aluminio / Cu, Steel, Plastic, Inox, Brass, Aluminum /	8-35	5/16-1.3/8	250	1	•
63959	Cu, Acier, Plastique, Inox, Laiton, Aluminium	10-54	1/2-2.1/8	500		



COD.					
63085	Cu, Latón, Aluminio / Cu, Brass, Aluminum / Cu, Laiton, Aluminium	235	40	10	•



■ **ESCARIADOR DE CHAFLANES / CHAMFERBIT / EBAVUREUR Á CHANFREINS / ABSCHRÄGER / SBVATORE PER SMUSSARE / ESCARIADOR DE CHANFROS / ЗЕНКОВКА С РУКОЯТКОЙ**




COD.			Crestas / Crests / Crête		
63776	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	12,4	3	100	6
63777		25		120	



ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

Material / Material / Matière HSS (M2)

■ **FRESA CÓNICA / CONIC MILLING TOOL / FRAISE CONIQUE / SCHAFTFRÄSER KONISCH / FRESA CONICA / FRESA CÓNICA / КОНИЧЕСКАЯ ЗЕНКОВКА С РУКОЯТКОЙ**




COD.			Crestas / Crests / Crête		
63778	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	10-34	6	150	6



ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

Material / Material / Matière HSS

■ **ESCARIADOR CÓNICO / TAPER REAMER / EBAVUREUR CONIQUE / HANDREIBAHLEN / SBVATORE CONICO / ESCARIADOR CÓNICO / ЛЕНТОЧНАЯ ЗЕНКОВКА**





COD.			Crestas / Crests / Crête		
63779	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	3-12	6	100	6
63780		10-25	8	120	



ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

Material / Material / Matière HSS

■ **RASQUETA / SCRAPER / RACLOIR / ENTGRATER / RASCHIETTO / ESPÁTULA / ШАБЕР**

COD.					
63376	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	60	20	•	64449



COD.	Válido para / Valid for / Valable pour	L (mm)	
64449	Cu, Acero, Plástico, Inox / Cu, Steel, Plastic, Inox / Cu, Acier, Plastique, Inox	63376	120 20



■ **CEPILLOS PARA LIMPIEZA DE COBRE / COPPER CLEANING BRUSHES / BROSE DE NETTOYAGE POUR CUIVRE / KUPFER - REINIGUNGSBÜRSTE / SPAZZOLE PER RAME / ESCOVAS PARA LIMPIEZA DE COBRE / ЩЕТКИ ДЛЯ ЗАЧИСТКИ МЕДИ**

COD.	CAP. Ø (inch)			
63206	1/2-3/4	INT./EXT.	30	6



COD.	CAP. Ø (inch)				
63207	1/2	INT./ EXT.	10	6	●



COD.	CAP. Ø (inch)				
63208	1/2	INT.	5	6	●



PARA TUBO DE COBRE RECOCIDO Y ALUMINIO / FOR SOFT COPPER & ALUMINIUM TUBING / POUR TUBE EN CUIVRE RECUIT ET ALUMINIUM / FÜR WEICHES KUPFER UND ALUMINIUM / PER TUBIRICOTTI E ALLUMINIO / PARA TUBO DE COBRE RECOZIDO E ALUMINIO / ДЛЯ МЯГКИХ МЕДНЫХ И АЛЮМИНИЕВЫХ ТРУБ

CURVATUBOS DE CARRACA / RATCHET TUBE BENDER / CINTREUSE ARBALÈTE / EINHAND-BIEGERÄT / CURVATUBI A CRICCO / CURVADORA DE ROQUETE / АРБАЛЕТНЫЙ ТРУБОГИБ

KITS

COD.					Incluye / Includes / Inclus
68165	12 (68130) - 15 (68132) - 18 (68134) - 22 (68135)	-	-	-	-
68166	10 (68129), 12 (68130), 14 (68131), 18 (68134), 22 (68135)	-	-	-	-
68167	10 (68129), 12 (68130), 15 (68132), 18 (68134), 22 (68135)	-	-	-	-
68168	10 (68129), 12 (68130), 16 (68133), 18 (68134), 22 (68135)	-	-	-	-
68169	12 (68130), 15 (68132), 18 (68134), 22 (68135)	-	-	-	68118
68170	10 (68129), 12 (68130), 14 (68131), 18 (68134), 22 (68135)	-	-	-	-
68171	10 (68129), 12 (68130), 15 (68132), 18 (68134), 22 (68135)	-	63170	63085	-
68172	10 (68129), 12 (68130), 16 (68133), 18 (68134), 22 (68135)	-	-	-	-
68173	-	3/8 (68136), 1/2 (68137), 5/8 (68138), 3/4 (68139), 7/8 (68140)	-	-	-



COD.	
68118	1645



MM

COD.	
68128	8
68129	10
68130	12
68131	14
68132	15
68133	16
68134	18
68135	22



INCH

COD.	
68136	3/8
68137	1/2
68138	5/8
68139	3/4
68140	7/8



KIT MULTICAPA / KIT MULTILAYER / KIT MULTICOUCHES / BIEGEGERÄT SET / KIT MULTISTRATO / KIT MULTICAPA / НАБОР ДЛЯ МЕТАЛЛОПЛАСТИКА



COBRE RECOCIDO
 SOFT COPPER
 CUIVRE RECUIT



COBRE RECUBIERTO
 COVERED COPPER
 CUIVRE PLASTIFIÉ



MULTICAPA
 MULTILAYER
 MULTICOUCHES

COD.	O.D. (mm)			Incluye / Includes / Inclus
68162	16 (68133), 18 (68134), 20 (68139)	-	-	
68161		63170	63085	68118
68228		-	-	
68227	16 (68133), 18 (68134), 22 (68135)	63170	63085	



MUELLES CURVATUBOS / SPRING TUBE BENDERS / RESSORT À CINTRER / KUPFERROHR-AUSSENBIEGEFEDERN / MOLLE CURVATUBI / MOLAS CURVA TUBOS / ПРЖИННЫЕ ТРУБОГИБЫ

COD.	O.D. mm	O.D. inch	g		
68041	6	-	55		
68048	-	1/4	75		
68042	8	5/16	70		
68049	-	3/8	110		
68043	10	-	100		
68050	-	7/16	115		
68044	12	-	110	15	•
68051	-	1/2	155		
68045	14	-	145		
68046	15	-	180		
68047	16	5/8	195		
68054	18	-	200		
68056	-	3/4	200		
68055	22	-	230		



TENAZA CURVATUBOS / TUBE BENDER / PINCE À CINTRER / ZWEIHANDBIEGER / PINZA CURVATUBI / CURVADORA PARA TUBOS / ТРУБОГИБЫ

COD.	O.D. mm		R (mm)	Kg	
68144	10		26	0,3	
68145	12		30	0,6	
68146	14		34	0,9	
68147	15	0-180°	38	1,4	1
68148	16		40	1,7	
68149	18		45	2,1	



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Aluminio / Aluminum / Aluminium

COD.	O.D. mm	O.D. inch		R (mm)	g		
68010	6	-		17	500		
68005	-	1/4		24	600		
68011	8	5/16		30	900		
68006	-	3/8		46	950	1	•
68012	10	-	0-180°	17	1600		
68013	12	-		30	1700		
68008	-	1/2		46	2200		
68014	14	-					
68015	15	-					
68016	16	5/8					



COD.	O.D. mm	O.D. inch	°	R (mm)	g		
68110	-	1/8-3/16-1/4	0-90°	10	140	1	•
68111	6-8-10	1/4-5/16-3/8	0-180°	20	450		



TENAZA CURVATUBOS DE ACERO / STEEL TUBE BENDER / PINCE À CINTRER / ZWEIHANDBIEGER / PINZA CURVATUBI / CURVADORA PARA TUBOS / ТРУБОГИБ ДЛЯ СТАЛЬНЫХ ТРУБ

COD.	Tipo/ Type/ Type	O.D. mm	°	R (mm)	Recocido R220 (mm) / Annealed R220 (mm) / Recuit R220 (mm)	Semirrígido R250a (mm) / Semi-hard R250a (mm) / Semi-rigide R250a (mm)	Rígido R290 (mm) / Hard R290 (mm) / Rigide R290 (mm)	Kg		
68210	Patin /	12		36	1	1		1,3		82860
68211	Slide /	15	0-120°	52			-	2,7	1	82861
68213	Patin	22		76	1,5	-		4,0		82863



EN 1057

COD.	Tipo/ Type/ Type	O.D. mm	°	R (mm)	Recocido R220 (mm) / Annealed R220 (mm) / Recuit R220 (mm)	Semirrígido R250a (mm) / Semi-hard R250a (mm) / Semi-rigide R250a (mm)	Rígido R290 (mm) / Hard R290 (mm) / Rigide R290 (mm)	Kg		
68215	Rodillo /	12		36	1	1		1,3		82865
68216	Roller /	15	0-120°	52			-	2,7	1	82866
68218	Rouleau	22		76	1,5	-		4,0		82868



EN 1057

ABOCINADORES / FLARING TOOLS / APPAREIL À BATTRE LES COLLETS / BÖRDELGERÄT / FLANGIATUBI / ABOCARDADORES / РАЗВАЛЬЦОВКИ

KIT ABOCINADOR CONO EXCÉNTRICO CON CARRACA / ECCENTRIC CONE FLARING TOOL KIT WITH RATCHET / KIT DUDGEONNIERE EXCENTRIQUE À CLIQUET / EXZENTRISCH BÖRDELGERÄT SATZ MIT RATSCHÉ / KIT FLANGIATUBI A FRIZIONE CON CRICCHETTO / KIT ABOCARDADOR CONO EXCÉNTRICO CON ROQUETE / ВАЛЬЦОВКА ДЛЯ ТРУБ С ЭКСЦЕНТРИКОВЫМ ТРЕЩЕТОЧНЫМ МЕХАНИЗМОМ

COD.	O.D. mm	O.D. inch	90°	Kg	
57610		1/4, 3/8, 1/2, 5/8, 3/4		1,3	
57611		1/4, 5/16, 3/8, 1/2, 5/8, 3/4		1,4	
57612		1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4		1,5	
57613	6, 8, 10, 12, 15			1,3	
57614	6, 8, 10, 12, 16, 18		•	1,4	1
57615	6, 8, 10, 12, 14, 15, 16, 18			1,5	
57616	6, 8, 10, 12, 15	1/4, 3/8, 1/2, 5/8, 3/4		1,9	
57617	6, 8, 10, 12, 16, 18	1/4, 5/16, 3/8, 1/2, 5/8, 3/4		2	
57618	6, 8, 10, 12, 14, 15, 16, 18	1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4		2,2	



ABOCINADOR CONO EXCÉNTRICO CON CARRACA / ECCENTRIC CONE FLARING TOOL WITH RATCHET / DUDGEONNIERE EXCENTRIQUE À CLIQUET / TAUMEL-BÖRDELGERÄT MIT RATSCHÉ / FLANGIATUBI CON CRICCHETTO / ABOCARDADOR CONO EXCÉNTRICO CON ROQUETE / РАЗВАЛЬЦОВКА С ЭКСЦЕНТРИЧЕСКИМ КОНУСОМ С ТРЕЩЕТКОЙ

COD.	90°	Kg	
57603	•	0,8	1



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Aluminio / Aluminum / Aluminium

REGLA PARA ABOCINAR / RATCHET FLARING TOOL / RÈGLE À DUDGEONNER / MATRIZE FÜR BÖRDELGERÄT / SLITTA PER FLANGIATUBI / RÉGUA PARA ABOCARDADOR / ВАЛЬЦОВКА ДЛЯ ТРУБ

COD.	O.D. mm	O.D. inch	90°	g	
57604		1/4, 3/8, 1/2, 5/8, 3/4		530	
57605		1/4, 5/16, 3/8, 1/2, 5/8, 3/4		600	
57606		1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4		680	
57607	6, 8, 10, 12, 15		•	530	1
57608	6, 8, 10, 12, 16, 18			600	
57609	6, 8, 10, 12, 14, 15, 16, 18			680	



KIT ABOCINADOR CONO EXCÉNTRICO / ECCENTRIC CONE FLARING TOOL KIT / KIT DUDGEONNIERE EXCENTRIQUE / EXZENTRISCH BORDELGERÄT SATZ MIT KEGEL / KIT FLANGIATUBI A FRIZIONE / KIT ABOCARDADOR CONO EXCÉNTRICO / КОМПЛЕКТ ВАЛЬЦОВОК С ЭКСЦЕНТРИКОВЫМ ТРЕЩЕТОЧНЫМ МЕХАНИЗМОМ

COD.	O.D. mm	O.D. inch	90°	Kg	
68087	-	1/4-5/16-3/8-1/2-5/8-3/4		1,4	1
68086	6-8-10-12-14-15-16	-	●	2,0	1
68091	-	1/4-5/16-3/8-1/2-5/8-3/4			



ABOCINADOR CONO EXCÉNTRICO / ECCENTRIC CONE FLARING TOOL / DUDGEONNIERE EXCENTRIQUE / TAUMEL-BÖRDELGERÄT / FLANGIATUBI CONO ECCENTRICO / ABOCARDADOR CONO EXCÉNTRICO / РАЗВАЛЬЦОВКА С ЭКСЦЕНТРИЧЕСКИМ КОНУСОМ

COD.	90°	Kg	
68092	●	0,8	1



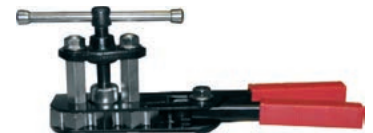
REGLA PARA ABOCAR / RATCHET FLARING TOOL / RÈGLE À DUDGEONNER / MATRIZE FÜR BÖRDELGERÄT / SLITTA PER FLANGIATUBI / RÉGUA PARA ABOCARDADOR / ВАЛЬЦОВКА ДЛЯ ТРУБ

COD.	O.D. mm	O.D. inch	90°	g	
68094	-	1/4, 5/16, 3/8, 1/2, 5/8, 3/4		560	1
68093	6-8-10-12-14-15-16	-	●	620	1



ABOCINADOR DE TORRETA / COMPACT FLARING TOOL / DUDGEONNIERE COMPACTE / КОМПАКТ БÖRDELGERÄT, AUFKLAPPBAR / FLANGIATUBI A TORRETTA / ABOCARDADOR DE TORRETTA / КОМПАКТНАЯ РАЗВАЛЬЦОВКА

COD.	O.D. mm	O.D. inch	90°	Kg	
68017	-	3/16-1/4-5/16-3/8-1/2-5/8		1	1
68018	6-8-10-12-14-15	-	●		



ABOCINADOR / FLARING TOOL / APPAREIL À BATTRE LES COLLETS / BÖRDELGERÄT / FLANGIATUBI / ABOCARDADOR / РАЗВАЛЬЦОВКИ

COD.	O.D. mm	O.D. inch	90°	g	
68001	-	3/16-1/4-5/16-3/8-7/16-1/2-5/8		950	1
68003	4-4,75-6-8-10-12-14	-	●		



■ **EXPANDIDORES / EXPANDING TOOLS / PINCES À EMBOITURE / EXPANDER / ESPANSORI / EXPANDIDORES / МУФТИРУЮЩИЕ ИНСТРУМЕНТЫ**

■ **EXPANKIT**

COD.	O.D. mm	O.D. inch	3-32 mm (63170)	Ø 40 mm (63085)	Include / Includes / Inclus	Kg	
68204	12-15-22-28						
68205	12-14-18-22						
68206	12-15-18-22					3,0	
68207		1/2-5/8-3/4-1					
68209		3/8-1/2-5/8-3/4-7/8			68175	3,1	1
68220		1/2-3/4-1				3,0	
68221	12-14-16-18-22					2,9	
68223	10-12-14-16-18					2,8	
68224	12-14-16-18					2,7	
68225	12-14-16-18-22					2,8	



COD.		Kg		
68175	1	1,3	1	●



COD.	O.D. mm	g		
68177	10	125		
68178	12	130		
68179	14	135		
68180	15			
68181	16	140		
68182	18	145	8	●
68184	22	150		
68186	28	270		
68188	35	400		
68189	42	430		








COD.	O.D. inch	g		
68190	3/8	125		
68191	1/2	130		
68192	5/8	135		
68193	3/4			
68194	7/8	140	8	●
68195	1	160		
68196	1.1/8	270		
68198	1.3/8	400		
68200	1.5/8	480		

■ **SWAGING KIT**

COD.	90°			Kg	
68060	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4"	3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"	1/8-1.1/4" (63105)	2,8	1



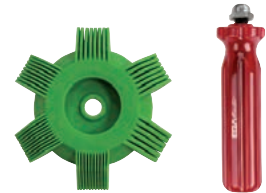
■ **KIT FRIGORISTA / KIT REFRIGERATION / KIT FRIGORISTE / KIT KÜHLUNG / KIT FRIGORISTI / KIT FRIGORISTA / НАБОР ДЛЯ ХОЛОДИЛЬЩИКА**

COD.					
68052	4 - 4,75 - 6 - 8 - 10 - 12 - 14 mm (68003)	10 (68043), 12 (68045)-14 (68047)-16 (68044) mm	3-32 mm (63170)	2,3	1
68053	3/16", 1/4", 5/16", 3/8", 1/2", 5/8" (68001)	5/16" (68042), 3/8" (68049), 5/8" (68047), 1/2" (68051)	1/8"-1.1/8" (63170)		



■ **PEINE PARA ALETAS 6 EN 1 / 6 IN 1 FIN COMB / PEIGNES POUR LAMES 6 EN 1 / 6 IN 1 MESSKAM / PETTINI PER ALETTE 6 IN 1 / PENTES DE ALHETAS 6 EM 1 / 6 В 1 ГРЕБЕНЫ ДЛЯ ЛЬНА**

COD.			
63751	8-9-10-12-14-15	70	1








■ **PEINE PARA ALETAS METÁLICO / STAINLESS STEEL FIN COMB / PEIGNES POUR LAMES MÉTALLIQUES / MESSKAM ROSTFREI / PETTINI PER ALETTE IN METALLO / PENTES DE ALHETAS METÁLICOS / ГРЕБЕНЫ ДЛЯ ЛЬНА ИЗ НЕРЖАВЕЮЩЕЙ СТАЛИ**

COD.		
63752	30	6



■ **TENAZA GRIP PINZATUBOS / PINCH OFF GRIP PLIER / PINCE ÉTAU POUR TUBES / SCHNEIDGRIPZANGE / PINZA GRIP PER TUBI / ALICATES DE GRIFE DE SELAR PARA REFRIGERAÇÃO / КЛЕЩИ С ПЛАВНОЙ РЕГУЛИРОВКОЙ**






COD.	L (inch)					
63753	7	8,0	5/16	0,3	6	●



■ **LLAVE DE CHICHARRA / RATCHET WRENCH / PINCE À CLIQUET / RATSCHENSCHLÜSSEL / CHIAVE A CRICCO / CHAVES DE ROQUETE / ТРЕЩЕТКА**

COD.				
63754	1/4, 3/8, 3/16, 5/16	95	12	●



COD.					
63755	1/4, 3/16	1/2, 9/16	160	12	●



■ **ENSANCHADORES DE GOLPE / SWAGING PUNCHES / CHASSES GOUPILLES À EMBOITURE / KLEMM DURCHSCHLAG / CALIBRATORE PER TUBI / PUNÇÕES PARA ABOCARDAR / ПРОБОЙНИКИ**

■ SET

COD.			
63756	1/4, 5/16, 3/8, 1/2, 5/8	550	6



ENSANCHADOR DE GOLPE 3 EN 1 / 3 IN 1 SWAGING PUNCH / CHASSES GOUPILLES À EMBOITURE 3 EN 1 / 3 IN 1 KLEMM DURCHSCHLAG / CALIBRATORI PER TUBI 3 IN 1 / PUNÇÕES PARA AVOCARDAR 3 EM 1 / 3 В 1 ПРОБОЙНИКИ

COD.	 O.D. inch	 g		
63757	1/2, 5/8, 7/8	550	6	●






ENSANCHADOR DE GOLPE 5 EN 1 / 5 IN 1 SWAGING PUNCH / CHASSES GOUPILLES À EMBOITURE 5 EN 1 / 5 IN 1 KLEMM DURCHSCHLAG / CALIBRATORI PER TUBI 5 IN 1 / PUNÇÕES PARA AVOCARDAR 5 EM 1 / 5 В 1 ПРОБОЙНИКИ

COD.	 O.D. inch	 g		
63758	1/4, 5/16, 3/8, 1/2, 5/8	280	6	●



PINZA CORTACAPILARES / CAPILLARY TUBE CUTTER / PINCE COUPE CAPILAIRES / MIKROSTRIPPER ZANGE / PINZA TAGLIACAPILLARI / ALICATES CORTA CAPILARES / ТРУБОРЕЗ ДЛЯ КАПИЛЛЯРНЫХ ТРУБОК

COD.	 O.D. mm	 g		
63759	1-3	85	6	●






PARA LAVABO / BASIN TOOLS / OUTILS LAVABO / WERKZEUG FÜR WASCHBECKEN / UTENSILI PER LAVABI / FERRAMENTA PARA LAVABO / ИНСТРУМЕНТЫ ДЛЯ РАКОВИН, РАДИАТОРОВ

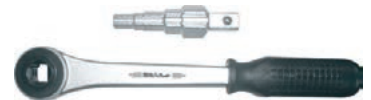
LLAVE PARA RADIADORES / RADIATOR SPUD WRENCH / CLÉ DE MONTAGE / SPEZIAL RATSCHÉ FÜR HEIZKÖRPER / CHIAVE DI MONTAGGIO / CHAVE DE MONTAGEM / РАДИАТОРНЫЙ КЛЮЧ

COD.	
61168	
COD.	
61169	

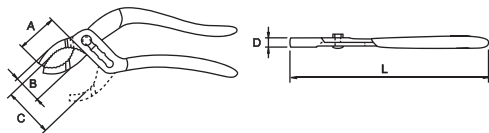





KIT

COD.	 g	
61167	490	1
COD. PCS.	 O.D. inch	
61168		
61169	3/8-1/2-3/4-1	



TENAZA DE SIFÓN / SYPHON PLIER / PINCE SANIGRIP / SIPHONZANGE / PINZA PER SIFONI / ALICATE DE SIFÃO / КЛЕЩИ ДЛЯ СИФОНОВ



COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	 g		
62136	10	45	36	60	15	300	6	●

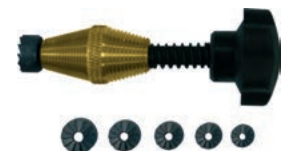


CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Fundas blandas / Soft sleeves / Mâchoires de protection en plastique molle

KIT REPARADOR DE GRIFOS / VALVE RESEATER / KIT PLOMBIER / WASSERHAHN-FRÄSGERÄT / KIT APPARECHI PER RUBINETTI / KIT REPARADOR DE TORNEIRAS / НАБОР ДЛЯ ПРИТИРКИ КРАНОВ

COD.		 g		
68059	10-12-13-14-15-16	380	1	●



COD.				
68058	10-12-13-14-15-16	400	1	•






■ LLAVES DE LAVABO / BASIN WRENCHES / CLÉS LAVABO / STANDHAHNMUTTERNSCHLÜSSEL / CHIAVI PER LAVABI / CHAVES DE LAVABO / КЛЮЧ ДЛЯ РАКОВИН

■ STANDARD



COD.		L (mm)			
61008	10-32	288	490	6	•







■ TELESCOPIC

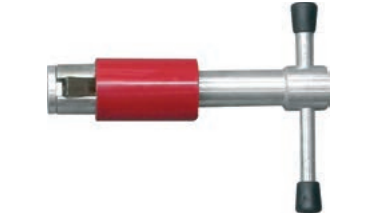
COD.		L (mm)			
61009	10-32	460	700	6	•



COD.		L (mm)			
61000	15-32	240	500	6	•



COD.		L (mm)			
61325	1-1.1/4	240	300	6	•



EGAMaster
 ART IN INNOVATION