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HERRAMIENTA PARA TUBO

PIPE TOOLS

OUTILLAGE TUBE

ROHR WERKZEUGE

UTENSILI PER TUBI

FERRAMENTA PARA TUBOS

ТРУБНЫЙ ИНСТРУМЕНТ



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MASTERGRIP
MASTERGRIP
MASTERGRIP



Club de Inventores Españoles

Premio a la Mejor Idea en Herramientas

Best Tool Award

Prix a la Meilleure Idée en Outils



Medalla

Salón Internacional de la Invención París 2007

Medal

International Inventors Competition Paris 2007

Medaille

Salon International de l'Invention Paris 2007



Premio Iberferr al Mejor Producto del Año 2007

Best Product Award by Iberferr Sectorial Magazine 2007

Prix Iberferr du Meilleur Produit de l'Année 2007

La rapidez y facilidad de uso con una mano de la llave para tubo Mastergrip, con capacidad para tubos de medidas comprendidas entre 1/4" y 1.1/2" para la de 10", entre 1/2" y 2" en el caso de la de 14" y entre 3/4" y 3" para la de 18", ofrecen una sujeción ideal para empalmar con gran eficacia tubos roscados. Su especial diseño robusto permite ser empleado en trabajos pesados.

The fast and easy one-handed operated Mastergrip provides perfect grip to fit pipes effective and efficiently. The special Heavy Duty design makes it ideal for the most demanding jobs, providing 1/4"-1.1/4" pipe capacity for the 10" version, 1/2" to 2" in the 14" version and 3/4" to 3" in the 18" version, provides also a ratchet function that makes threaded pipe fitting really efficient. Heavy duty type for the most demanding jobs.

La rapidité et la facilité d'utilisation avec une seule main de la clé serre-tubes Mastergrip, avec une capacité pour les tubes selon des mesures comprises entre 1/4" et 1.1/2" pour celle de 10", entre 1/2" et 2" dans le cas de celle de 14" et entre 3/4" et 3" pour celle de 18", permettent une prise idéale pour raccorder avec une grande efficacité des tubes filetés. Sa conception spécialement robuste permet de l'utiliser pour des travaux durs.



1

Su exclusivo diseño geométrico de lengua y postizo con un dentado especial permiten un agarre perfecto.

Designed with special teeth for the best pipe gripping effect.

La geometría exclusiva de la mâchoire et du bras de levier, pourvus d'une denture spéciale, permet une prise parfaite du tube, tout en donnant un effet cliquet.

2

Mango ergonómico de fundición de precisión de inmejorable atractivo.

Ergonomic handle in accurate casting make it unbeatably attractive.

Manche ergonomique en fonte de précision, ayant un parfait attrait.

3

Postizo con chaveta para soportar esfuerzos en ambos sentidos.

Heel jaw with sunk key to withstand efforts in both directions.

Bras de levier avec un axe pour supporter des forces des deux côtés.

4

Fácil amarre del tubo con una sola mano.

Easy one hand gripping.

Prise aisée du tube avec une seule main.

5

Patentada.

Patented.

Brevetée.



1/4"



3/8"



1/2"



3/4"



1"



1.1/4"



1.1/2"



2"



2.1/2"



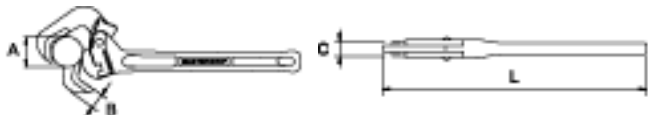
3"

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ТРУБНЫЙ ИНСТРУМЕНТ

■ **LLAVES PARA TUBO / PIPE WRENCHES / CLÉS SERRE-TUBES / EINHAND ROHRZANGE / GIRATUBI / CHAVES PARA TUBOS / ТРУБНЫЕ КЛЮЧИ**

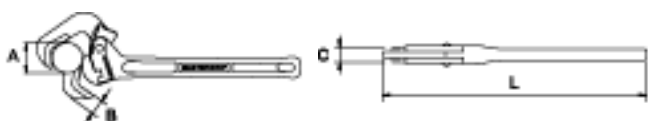
■ **MASTERGRIP**



COD.	L (inch)	A (inch)	B (mm)	C (mm)	AF mm	Kg		
61405	10	1/4-1.1/2	15	26	13-46	0,9		
61406	14	1/2-2	23	33	17-50	1,6	1	I



● | Patente mundial / World patent / Brevet mondial



COD.	L (inch)	A (inch)	B (mm)	C (mm)	AF mm	Kg		
61407	18	3/4-3	29	50	17-80	2,5	1	I



● | GGG-W-651-E | Patente mundial / World patent / Brevet mondial

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Aluminio / Aluminum / Aluminium

■ **REPUESTOS MASTERGRIP / MASTERGRIP SPARE PARTS / PIÈCES DE RECHANGE MASTERGRIP / MASTERGRIP ERSATZTEILE / RICAMBI MASTERGRIP / COMPONENTES MASTERGRIP / ЗАПАСНЫЕ ЧАСТИ ДЛЯ MASTERGRIP**



COD.	Descripción / Description / Description	L (inch)
80326	Mordaza inferior / Heel Jaw / Machoire inférieure	10
80329		14
80566		18

COD.	Descripción / Description / Description	L (inch)
80327	Lengua / Hook	10
80330	Jaw / Bec	14
80567		18

COD.	Descripción / Description / Description	L (inch)
80324	Muelle / Spring / Ressort	10
80315		14
80568		18

COD.	Descripción / Description / Description	L (inch)
80325	Eje / Axle / Axe	10
80320		14
80569		18

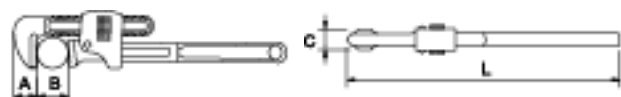
■ **TUBO MÚLTIPLE PARA DEMO MASTERGRIP / MULTI-PIPE FOR MASTERGRIP DEMO / TUBE MULTIPLE POUR DÉMO MASTERGRIP / MULTI DEMO ROHR FÜR MASTERGRIP / TUBO MÚLTIPLO PARA DEMO MASTERGRIP / TUBO MÚLTIPLO PARA DEMO MASTERGRIP / ДЕМОНСТРАЦИОННАЯ ТРУБА ДЛЯ ТРУБНОГО КЛЮЧА MASTERGRIP**

COD.	L (mm)	O.D. inch	Kg
64691	750	1/2-2	1,8



■ **LLAVES STILLSON / STILLSON PIPE WRENCHES / CLÉS STILLSON / STILLSON ROHRZANGE / GIRATUBI MODELLO STILLSON / CHAVES STILLSON / ТРУБНЫЕ КЛЮЧИ STILLSON**

■ **REFORZADA / REINFORCED / RENFORCEE / VERSTARK / RINFORZATA / REFORÇADA / УСИЛЕННЫЕ**



COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61001	8	17	3/4	12	0,3		
61002	10	23	1	16	0,6		
61003	12	24	1.1/4	21	0,8		I
61004	14	28	1.1/2	24	1,1	1	
61005	18	30	2	27	1,9		
61006	24	39	2.1/2	30	3,1		-
61007	36	49	4	30	6,5		



BS 3594-1 | GGG-W-00651d | UNE 16552

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ТРУБНЫЙ ИНСТРУМЕНТ

REPUESTOS LLAVE STILLSON / STILLSON WRENCH SPARE PARTS / PIÈCES DE RECHANGE CLÉ STILLSON / STILLSON ROHRZANGE ERSATZTEILEN / RICAMBI CHIAVI STILLSON / COMPONENTES DE CHAVE STILSON / ЗАПАСНЫЕ ЧАСТИ ДЛЯ STILLSON



COD.	Descripción / Description / Description	L (inch)
80047		8
80048		10
80049	Juego muelles / Spring Set / Jeu de ressorts	12
80050		14
80051		18
80052		24
80053		36

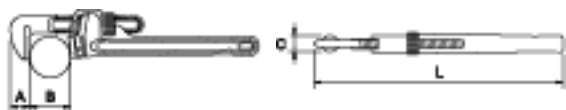


COD.	Descripción / Description / Description	L (inch)
80040		8
80041		10
80042		12
80043	Tuerca / Nut / Ecrou	14
80044		18
80045		24
80046		36



COD.	Descripción / Description / Description	L (inch)
80033		8
80034		10
80035		12
80036	Lengua / Hook Jaw / Bec	14
80037		18
80038		24
80039		36

LLAVE HEAVY DUTY / HEAVY DUTY PIPE WRENCH / CLÉ SERRE-TUBES HEAVY DUTY / HEAVY DUTY ROHRZANGE / GIRATUBI MODELLO AMERICANO PESANTE / CHAVE HEAVY DUTY / ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК



COD.	L (inch)	L (mm)	A (mm)	B (inch)	C (mm)	Kg		
61299	-	6	160	13	3/4	11	0,2	
61014		8	200	15	1	14	0,4	
61015		10	270	20	1.1/2	17	0,8	
61016	*	12	320	23	2	20	1,3	1
61017		14	360	25	2	23	1,7	
61018		18	450	28	2.1/2	26	2,6	
61019		24	600	33	3	29	4,5	
61020		36	900	43	5	33	9,5	-
61021	-	48	1200	55	6	35	14	
61045		60	1300	85	8	41	20	

* : Fabricada en fundición nodular de precisión APC / Made of accurate ductile casting APC / Fabriquée en fonte nodulaire de précision APC

Type II | Class A | GGG-W-651-E | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Todas las llaves de 60" del mercado tienen una longitud inferior a su medida nominal por no ser una medida normalizada, con objeto de reducir su peso / Length of all existing 60" wrenches in the market is lower than the nominal size as they are not normalized, in order to reduce their weight / Sur le marché, toutes les clés de 60" ont une longueur inférieure que leur taille nominale puisque ce n'est pas une mesure standard, cela afin de réduire son poids

Lengua forjada móvil con efecto carraca / Floating forged hook for ratcheting action / Langue forgée mobile avec effet cliquet

Lengua graduada para un ajuste rápido / Graduated hook for quick adjustment / Langue graduée pour un réglage rapide

Mordaza inferior de aleación de acero reemplazable. Dientes sesgados, fresados con gran precisión para un óptimo agarre y mayor durabilidad / Replaceable, twice hardened alloy steel jaws. Precision-milled, biased teeth for optimum gripping and lifetime / Mâchoire inférieure d'alliage en acier remplaçable. Dents tordues, fraisées avec une grande précision pour une adhérence optimale et une plus grande durabilité

Sobrepasa las especificaciones de la norma americana GGG-W651e en un 180% / Exceeds US fed GGG-W-651e specifications by over 180% / Dépasse les caractéristiques de la norme américaine GGG-W651w à la hauteur de 180%



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LLAVE DE ALUMINIO / ALUMINIUM PIPE WRENCH / CLÉ SERRE-TUBES EN ALLIAGE D'ALUMINIUM / ALUMINIUM ROHRZANGE / GIRATUBI MODELLO AMERICANO IM ALLUMINIO / CHAVE ALUMINIO / АЛЮМИНИЕВЫЕ ТРУБНЫЕ КЛЮЧИ



COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61044	10	20	1.1/2	17	0,5		
61023	12	23	2	20	0,8	6	I
61024	14	25		23	0,9	3	
61025	18	28	2.1/2	26	1,6		
61026	24	33	3	29	2,5	1	-
61027	36	43	5	33	5,0		
61028	48	55	6	35	8,1		I



TITALLUM I Type II | Class C | GGG-W-651-E | Modelo registrado / Registered model / Modèle enregistré

REPUESTOS LLAVE HEAVY DUTY / HEAVY DUTY WRENCH SPARE PARTS / PIECES DE RECHANGE CLÉ HEAVY DUTY / HEAVY DUTY ROHRZANGE ERSATZTEILEN / RICAMBI CHIAVI HEAVY DUTY / COMPONENTES DE CHAVE HEAVY DUTY / ЗАПАСНЫЕ ЧАСТИ ДЛЯ КЛЮЧЕЙ ДЛЯ БОЛЬШИХ НАГРУЗОК



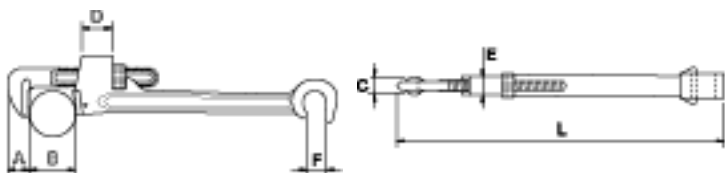
COD.	Descripción / Description / Description	L (inch)
85085		6
81022		8
81023		10
81024		12
81025	Juego muelles / Spring Set / Jeu de ressorts	14
81026		18
81027		24
81028		36
81031		48
81674		60

COD.	Descripción / Description / Description	L (inch)
85083		6
81015		8
81016		10
81017		12
81018	Tuerca / Nut / Ecrou	14
81019		18
81020		24
81021		36
81030		48
81672		60

COD.	Descripción / Description / Description	L (inch)
85084		6
81008		8
81009		10
81010		12
81011	Mordaza inferior / Heel Jaw / Machoire inférieure	14
81012		18
81013		24
81014		36
81029		48
81673		60

COD.	Descripción / Description / Description	L (inch)
85082		6
81001		8
81002		10
81003		12
81004	Lengua / Hook Jaw / Bec	14
81005		18
81006		24
81007		36
81000		48
81671		60

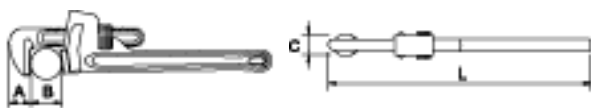
LLAVE REFINERÍA PARA TUBO Y VÁLVULAS / REFINERY PIPE AND VALVE WRENCH / CLÉ DE RAFFINERIE POUR TUBES ET VANNES / LEITUNG UND VENTIL SCHLÜSSEL F/ RAFFINERIE / GIRATUBO PER RAFFINERIA E VALVOLE / CHAVE DE REFINARIA PARA TUBO E VÁLVULAS / КОМБИНИРОВАННЫЙ ТРУБНЫЙ КЛЮЧ С МОЛОТКОМ И УХОМ ДЛЯ ЗАТЯЖКИ ВЕНТИЛЕЙ



COD.	L (inch)	L (mm)	A (mm)	B (inch)	C (mm)	D (mm)	E (mm)	F (mm)	F (inch)	Kg		
57580	8	250	15	1/8-1	14	27	17	20	3/4	0,5	1	I
57581	10		20	1/8-1.1/2	17	32	20	13	1/2	0,8		



RAP



COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61376	10	20	1.1/2	17	0,9	6	I

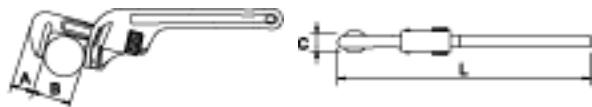
Type II | Class A | GGG-W-651-E



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OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

LLAVE HEAVY DUTY CURVA / OFFSET HEAVY DUTY PIPE WRENCH / CLÉ SERRE-TUBES HEAVY DUTY COUDEE / GEKRÖPFTE ROHRZANGE / GIRATUBI MODELLO AMERICANO CURVO / CHAVE HEAVY DUTY INCLINADA / ИЗОГНУТЫЕ ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК

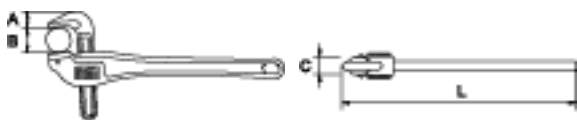


COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61029	8	16	1	20	0,35		
61030	10	20	1.1/2	23	0,80	6	
61031	12	22	2	26	1,30		1
61032	14	25	2	29	1,54	5	
61033	18	27	2.1/2	33	2,30	3	
61034	24	31	3	35	4	1	

Type VI | GGG-W-651-E



PICO PATO / OFFSET PIPE WRENCH 90° / CLÉ SERRE-TUBE 90° / ROHRZANGE 90° / GIRATUBI 90° / BICO PATO / ИЗОГНУТЫЕ ТРУБНЫЕ КЛЮЧИ ДЛЯ БОЛЬШИХ НАГРУЗОК

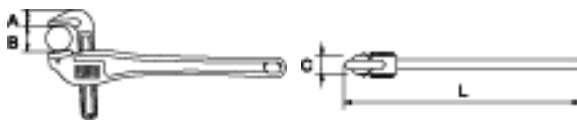


COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61377	14	25	2	23	1,60	2	1
61378	18	29	2.1/2	26	2,70	1	-

Type II | Class A | GGG-W-651-E



PICO PATO DE ALUMINIO / ALUMINIUM OFFSET PIPE WRENCH 90° / CLÉ SERRE-TUBE 90° EN ALLIAGE D'ALUMINIUM / ROHRZANGE 90° ALUMINIUM / GIRATUBI 90° IM ALLUMINIO / BICO PATO ALUMINIO / АЛЮМИНИЕВЫЕ ИЗОГНУТЫЕ ТРУБНЫЕ КЛЮЧИ 90°

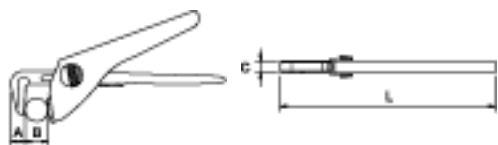


COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61363	14	25	2	28	0,8	6	1
61364	18	28	2.1/2	39	1,2	2	
61365	24	34	3	42	2,2	1	-

TITALLUM | Type II | Class C | GGG-W-651-E



LLAVE PARA TUBO TIPO BLITZ / BLITZ TYPE PIPE WRENCH / CLÉ SERRE-TUBE TYPE BLITZ / BLITZ ROHRZANGE / GIRATUBI MODELLO BLITZ / CHAVE PARA TUBO MODELO BLITZ / ТРУБНЫЙ КЛЮЧ ТИП-BLITZ



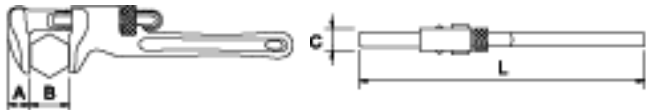
COD.	L (mm)	A (mm)	B (inch)	C (mm)	Kg		
61465	175	19	1	12	0,3		1
61467	275	21	2	16	0,8	6	
61468	300	23	2.1/2	17	1,0		-
61469	350	24	3		1,1		



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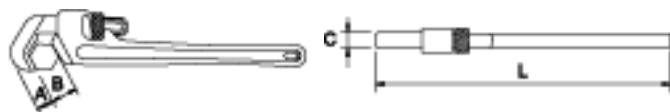
LLAVE SPUD / SPUD PIPE WRENCH / CLÉ SPUD / VERSTELBARE ROHRZANGE / GIRATUBI MODELLO SPUD / CHAVE PARA TUBO SPUD / ТРУБНЫЙ КЛЮЧ С ПАРАЛЛЕЛЬНЫМИ ГУБКАМИ



COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61369	12	24	2.5/8	16	1,2	6	I



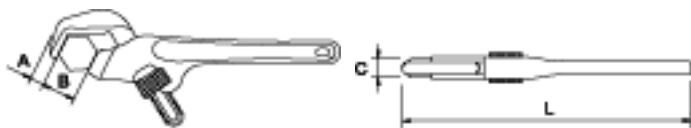
LLAVE HEXAGONAL / HEX PIPE WRENCH / CLÉ HEXAGONALE / SECHSKANT ROHRZANGE / GIRATUBI HEXAGONALE / CHAVE PARA TUBO HEXAGONAL / ТРУБНЫЙ КЛЮЧ ДЛЯ ШЕСТИГРАННИКОВ



COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61368	14.1/2	29	5/8-1.1/4	14	2,1	3	I



LLAVE HEXAGONAL CURVA / HEXAGONAL OFFSET PIPE WRENCH / CLÉ HEXAGONALE COUDEE / GEKRÖPFTE ROHRZANGE / GIRATUBI ESAGONALE CURVO / CHAVE HEXAGONAL INCLINADA / ИЗОГНУТЫЙ ТРУБНЫЙ КЛЮЧ ДЛЯ ШЕСТИГРАННИКОВ



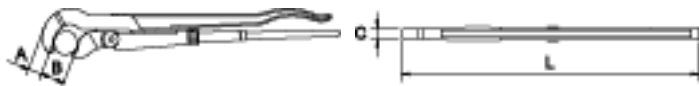
COD.	L (inch)	A (mm)	B (inch)	C (mm)	Kg		
61367	9.1/2	14	1.1/8-2.5/8	9,5	0,7	6	I



LLAVES SUECAS / SWEDISH PIPE WRENCHES / CLÉS SERRE-TUBES SUEDOISES / ECKROHRZANGE / GIRATUBI MOD. SUEDESE / CHAVES PARA TUBOS SUECAS / ТРУБНЫЕ ШВЕДСКИЕ КЛЮЧИ

SERIE MASTER CR-V

LLAVE SUECA S 45° / SWEDISH PIPE WRENCH S 45° / CLÉ SERRE-TUBES SUEDOISE S 45° / ECKROHRZANGE S 45° / GIRATUBI MOD. SVEDESE S 45° / CHAVE SUECA S 45° / ТРУБНЫЙ ШВЕДСКИЙ КЛЮЧ S 45°



COD.	L (mm)	A (mm)	B (inch)	C (mm)	Kg		
61010	230	15	1/2	8,8	0,4	4	I
61011	330	20	1	13	0,8	6	I
61012	420	26	1.1/2	14	1,4	4	-
61013	550	28	2	16	2,4	2	-
61022	650	35	3	19	4,2		



DIN 5234 | Modelo registrado / Registered model / Modèle enregistré

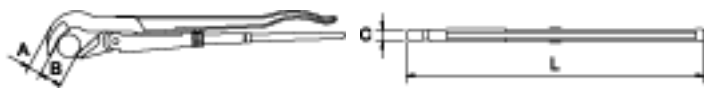
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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ТРУБНЫЙ ИНСТРУМЕНТ

LLAVE SUECA 45° / SWEDISH PIPE WRENCH 45° / CLÉ SERRE-TUBES SUEDOISE 45° / ECKROHRZANGE 45° / GIRATUBI MOD. SVEDESE 45° / CHAVE SUECA 45° / ТРУБНЫЙ ШВЕДСКИЙ КЛЮЧ 45°



COD.	L (mm)	A (mm)	B (inch)	C (mm)	Kg		
61040	230	18	1/2	8,8	0,4	4	I
61041	330	24	1	13	0,7	6	I
61042	450	27	1.1/2	14	1,4	4	-
61043	550	33	2	16	2,3	2	-

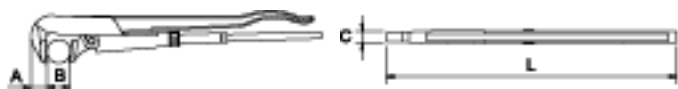
DIN 5234 I Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



LLAVE SUECA 90° / SWEDISH PIPE WRENCH 90° / CLÉ SERRE-TUBES SUEDOISE 90° / ECKROHRZANGE 90° / GIRATUBI MOD. SVEDESE 90° / CHAVE SUECA 90° / ТРУБНЫЙ ШВЕДСКИЙ КЛЮЧ 90°



COD.	L (mm)	A (mm)	B (inch)	C (mm)	Kg		
61046	320	18	1	15	0,7	6	I
61047	430	20	1.1/2	18	1,3	4	-
61048	550	25	2	20	2,3	2	-
61049	600	30	3	20	3,0	-	-
61051	750	34	4	31	5,3	1	-

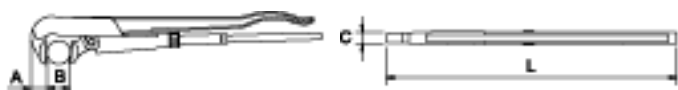
DIN 5234 I Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



LLAVE SUECA BOCAS DE PLÁSTICO / FITTINGS WRENCH / MACHOIRES EN PLASTIQUE / ECKROHRZANGE MIT KUNSTSTOFFBACKEN / CON GANASCE IN PLASTICA / CHAVE SUECA BOCAS DE PLASTICO / КЛЮЧ ДЛЯ ФАСОННЫХ ЧАСТЕЙ



COD.	L (mm)	A (mm)	B (inch)	C (mm)	Kg			
61050	310	21	1	9,5	0,8	6	I	64257

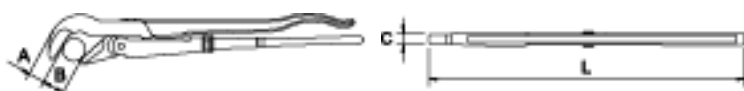
DIN 5234 I Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



LLAVE SUECA BOCAS RECTAS / SWEDISH PIPE WRENCH STRAIGHT JAWS / CLÉ SERRE-TUBES SUEDOISE / ECKROHRZANGE / GIRATUBI MOD. SVEDESE / CHAVE SUECA RECTA / ТРУБНЫЙ ШВЕДСКИЙ КЛЮЧ С ПРЯМЫМИ ГУБКАМИ



COD.	L (mm)	A (mm)	B (inch)	C (mm)	Kg		
60963	320	24	1	13	0,7	6	I
60964	420	27	1.1/2	14	1,4	4	-
60965	550	33	2	16	2,3	2	-

DIN 5234 I Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

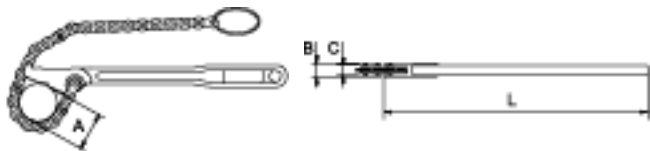
Cr-V



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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

LLAVE DE CADENA REVERSIBLE / REVERSIBLE CHAIN PIPE WRENCH / CLÉ À CHAÎNE RÉVERSIBLE / KETTENROHRZANGE / CHIAVE A CATENA REVERSIBILE / CHAVE CORRENTE REVERSIVEL / РЕВЕРСИВНЫЙ ЦЕПНОЙ КЛЮЧ



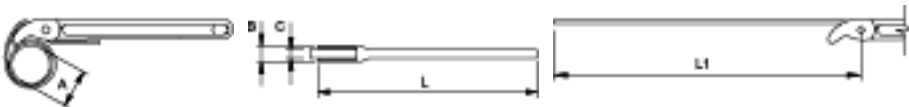
COD.	L (mm)	L (inch)	A (inch)	B (mm)	B (inch)	Kg		
61035	300	12	4	19	19	0,8	6	64038

LLAVE DE CADENA REVERSIBLE REFORZADA / HEAVY DUTY REVERSIBLE CHAIN PIPE WRENCH / CLÉ À CHAÎNE RÉVERSIBLE RENFORCÉE / VERSTÄRKT KETTENROHRZANGE / CHIAVE A CATENA REVERSIBILE RINFORZATA / CHAVE CORRENTE REVERSIVEL REFORÇADA / РЕВЕРСИВНЫЙ ЦЕПНОЙ КЛЮЧ ДЛЯ БОЛЬШИХ НАГРУЗОК



COD.	L (mm)	L (mm)	A (inch)	B (mm)	C (mm)	Kg		
57090	700	480	2.1/2	50	22	3,8		64760
61036	900	600	4			5,5		64081
57091	950	600	4	65		7,0		64082
61037	900	800	6			6,5		64083
57092	1100					8,3		64084
61038	1100	950	8		36	12	1	64128
57093	1300	1150	10			14		64129
61039	1100	1150	10			13		64906
61138	1300	1350	12	70		17		64907
57094	1600	1350	12			18		
61139	1300	1500	16			19		
62050	1300	1500	16			19		
57095	2200	1950	18		38	21		
62051	1300	2600	20			23		

LLAVE DE CORREA / STRAP WRENCH / CLÉ À SANGLE / GURTROHRZANGE / GIRATUBI A NASTRO / CHAVE DE CORREIA / РЕМЕШКОВЫЙ КЛЮЧ



COD.	L (mm)	L (inch)	L1 (mm)	A (inch)	B (mm)	C (mm)	Kg			
61480			450	3						64035
61481	300	12	1000	8	43	27	0,3	6	1	64036
61482			1200	12			0,4			63960

TERRAJAS AJUSTABLES / ADJUSTABLE THREADERS / FILIÈRES AJUSTABLES / VERSTELLBARE GEWINDESCHNEIDKLUPPE / FILIERA REGOLABILE / TARRACHAS AJUSTAVEIS / РЕГУЛИРУЕМАЯ РЕЗЬБОНАРЕЗКА

KITS 1/4" - 2"





COD.		o.d. inch	Kg		
63160		1/4-2			64338, 64339, 64340, 64341
63161	BSPT	1/2-2			64339, 64340, 64341
63162		1/4-2	10	1	64342, 64343, 64344, 64345
63163	NPT	1/2-2			64343, 64344, 64345







17

HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

■ PEINES / DIES / PEIGNES / SCHNEIDBACKEN / PETTINI / CAÇONETES / ГРЕБЕНКИ






COD.		 O.D. inch	 Kg	
64338	BSPT	1/4-3/8	0,4	1
64339		1/2-3/4		
64340		1-1.1/4		
64341		1.1/2-2		



COD.		 O.D. inch	 Kg	
64342	NPT	1/4-3/8	0,4	1
64343		1/2-3/4		
64344		1-1.1/4		
64345		1.1/2-2		







■ KITS 1.1/2" - 4"





COD.		 O.D. inch	 Kg		
63164	BSPT	1.1/2-4	22	1	64346, 64347, 64348
63165		2.1/2-4	21		64347, 64348
63166	NPT	1.1/2-4	22	1	64349, 64350, 64351
63167		2.1/2-4	21		64350, 64351



■ PEINES / DIES / PEIGNES / SCHNEIDBACKEN / PETTINI / CAÇONETES / ГРЕБЕНКИ

COD.		 O.D. inch	 Kg	
64346	BSPT	1.1/2-2	0,9	1
64347		2.1/2-3		
64348		3.1/2-4		















COD.		 O.D. inch	 Kg	
64349	NPT	1.1/2-2	0,9	1
64350		2.1/2-3		
64351		3.1/2-4		



■ TERRAJA DE CABEZAS INTERCAMBIABLES / DROP HEADS THREADERS / FILIÈRES A TÊTES INTERCHANGEABLES / SET GEWINDESCHNEIDKLUPPEN / FILIERE PER TUBI / TARRACHAS DE CABEÇAS INTERMUTAVEIS / РЕЗЬБОНАРЕЗНОЙ НАБОР









COD.		 O.D. inch	 Kg			
63020	BSPT	1/4-1.1/4	7,5	63001, 63002, 63003, 63004, 63005, 63006	63000	51000
63021		3/8-1.1/4	7,0	63002, 63003, 63004, 63005, 63006		
63022		1/2-1.1/4	6,5	63003, 63004, 63005, 63006		
63023		1/4-1		63001, 63002, 63003, 63004, 63005		
63024		3/8-1		63002, 63003, 63004, 63005		
63025		1/2-1		63003, 63004, 63005		







COD.		 O.D. inch	 Kg			
63026	NPT	1/4-1.1/4	7,5	63011, 63012, 63013, 63014, 63015, 63016	63000	51000
63027		3/8-1.1/4	7,0	63012, 63013, 63014, 63015, 63016		
63028		1/2-1.1/4	6,5	63013, 63014, 63015, 63016		
63029		1/4-1		63011, 63012, 63013, 63014, 63015		
63030		3/8-1		63012, 63013, 63014, 63015,		
63031		1/2-1		63013, 63014, 63015		







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




HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ







COD.		 O.D. inch	 Kg			
63032	BSPP	1/4-1.1/4	7,5	63723, 63724, 63725, 63726, 63727, 63728	63000	51000
63033		3/8-1.1/4	7,0	63724, 63725, 63726, 63727, 63728		
63034		1/2-1.1/4	6,5	63725, 63726, 63727, 63728		
63035		1/4-1	6,0	63723, 63724, 63725, 63726, 63727		
63048		3/8-1	6,0	63724, 63725, 63726, 63727		
63049		1/2-1	5,5	63725, 63726, 63727		















COD.		 O.D. inch	 Kg			
63036	BSPT	1.1/4-2	9,8	63007, 63008, 63009	63010	50002
63037		1.1/2-2	8,40	63008, 63009		

COD.		 O.D. inch	 Kg			
63038	NPT	1.1/4-2	9,8	63017, 63018, 63019	63010	50002
63039		1.1/2-2	8,40	63018, 63019		

COD.		 O.D. inch	 Kg			
63058	BSPP	1.1/4-2	9,8	63728, 63730, 63731	63010	50002
63059		1.1/2-2	8,40	63730, 63731		

COD.		 O.D. inch	 Kg			
63134	BSPT	1/4-12	14	63001, 63002, 63003, 63004, 63005, 63006, 63008, 63009	63010	50002
63133		3/8-2		63002, 63003, 63004, 63005, 63006, 63008, 63009		
63132		1/2-2		63003, 63004, 63005, 63006, 63008, 63009		

COD.		 O.D. inch	 Kg			
63139	NPT	1/4-2	14	63011, 63012, 63013, 63014, 63015, 63016, 63018, 63019	63010	50002
63138		3/8-2		63012, 63013, 63014, 63015, 63016, 63018, 63019		
63137		1/2-2		63013, 63014, 63015, 63016, 63018, 63019		

COD.		 O.D. inch	 Kg			
63072	BSPP	1/4-2	14	63723, 63724, 63725, 53726, 63727, 63728, 63730, 63731	63010	50002
63073		3/8-2		63724, 63725, 53726, 63727, 63728, 63730, 63731		
63074		1/2-2		63725, 53726, 63727, 63728, 63730, 63731		

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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

COD.			
80833	1/4-1.1/4	15	1






COD.
63010






COD.
50002



■ CABEZAS / HEADS / TÊTES / SCHNEIDKÖPFE / TESTE / CABEÇAS / РЕЗЬБОНАРЕЗНЫЕ ГОЛОВКИ













COD.					
63001	BSPT	1/4	0,6	1	1
63002		3/8			
63003		1/2			
63004		3/4	0,5		
63005		1	0,8		
63006		1.1/4	0,9		

COD.					
63007	BSPT	1.1/4	1,5	1	-
63008		1.1/2	1,9		
63009		2			

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Serie pesada / Heavy duty / Série lourde

COD.					
63011	NPT	1/4	0,6	1	1
63012		3/8			
63013		1/2			
63014		3/4	0,5		
63015		1	0,8		
63016		1.1/4	0,9		






COD.					
63017	NPT	1.1/4	1,5	1	-
63018		1.1/2	1,9		
63019		2			

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Serie pesada / Heavy duty / Série lourde

17

HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

COD.					
63723	BSPP	1/4	0,6	1	1
63724		3/8			
63725		1/2			
63726		3/4			
63727		1			
63728		1.1/4			





COD.					
63730	BSPP	1.1/2	1,9	1	-
63731		2			





CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES





Serie pesada / Heavy duty / Série lourde

PEINES / DIES / PEIGNES / SCHNEIDBACKEN / PETTINI / CAÇONETES / ГРЕБЕНКИ







COD.				
63040	BSPT	1/4	70	1
63041		3/8		
63042		1/2		
63043		3/4		
63044		1		
63045		1.1/4		
63046		1.1/2		
63047		2		

COD.				
63050	NPT	1/4	70	1
63051		3/8		
63052		1/2		
63053		3/4		
63054		1		
63055		1.1/4		
63056		1.1/2		
63057		2		



COD.				
64487	BSPP	1/4	70	1
64488		3/8		
64489		1/2		
64490		3/4		
64491		1		
64492		1.1/4		
64493		1.1/2		
64494		2		

CARRACAS / RATCHET / CLIQUETS / RATSCHENHEBEL / CRICCO DI MANOVRA / ROQUETES / ТРЕЩЕТКИ

COD.				
63000	1/4-1.1/4	1,5	1	1
63010	1.1/4-2	3,0		




REDUCTOR / ADAPTOR / ADAPTATEUR / ADAPTER / RIDUTTORE / REDUTOR / АДАПТЕР

COD.			
80833	1/4-1.1/4	15	1



ACEITE DE CORTE / CUTTING OIL / HUILE DE COUPE / GEWINDESCHNEIDMITTEL / OLIO DA TAGLIO / OLEO DE CORTE / РЕЗЬБОНАРЕЗНОЕ МАСЛО

COD.	CAP. (ml)	
64007	100	1



17

HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

CINTA DE SELLADO DE PTFE PARA ROSCAS / PTFE THREAD SEALING TAPE / BANDE DE SCELLEMENT PTFE POUR FILETAGES / PTFE GEWINDE DICHTUNGSBAND / NASTRO DI SIGILLATURA PTFE PER FILETTATURE / FITA PARA SELAR ROSCAS PTFE / ФУМ-ЛЕНТА ДЛЯ РЕЗЬБОВЫХ СОЕДИНЕНИЙ

NI

COD.	L (m)	W x H (mm)	Densidad (g/cm3) / Density (g/cm3) / Densité (g/cm3)	g	kg
51575	10	12 x 0,075	0,20	10	1
51576	15		0,30	15	



TERRAJAS TIPO REED / REED TYPE THREADERS / FILIÈRES À COUSSINETS CARRES / REED-GEWINDESCHNEIDKLUPPE / FILIERA TIPO REED / TARRACHAS CAÇONETE QUADRADO / РЕЗЬБОНАРЕЗНОЙ НАБОР REED

COD.	Thread	O.D. inch	Kg	Part Numbers	g	kg
69160	BSPT	1/4-1	5,5	64043, 64044, 64046, 64048	63075	51006
69162		1/2-1	4,5	64043, 64044, 64048		



COD.	Thread	O.D. inch	Kg	Part Numbers	g	kg
69163	NPT	1/4-1	5,5	64046, 64048, 64049, 64050	63075	51006
69165		1/2-1	4,5	64048, 64049, 64050		

COJINETES / DIES / COUSSINETS / NÄHKISSEN / CUSCINETTI / CAÇONETES / ГРЕБЕНКИ

COD.	Thread	O.D. inch	g	kg
64040		1/4	260	
64042	BSPT	1/2	220	1
64044		1	240	



COD.	Thread	O.D. inch	g	kg
64046		1/4	260	
64048	NPT	1/2	220	1
64049		3/4	210	
64050		1	240	



CARRACAS / RATCHET / CLIQUETS / RATSCHENHEBEL / CRICCO DI MANOURA / ROQUETES / ТРЕЩЕТКИ















COD.	O.D. inch	Kg	kg
63075	1/4-1	3,0	1







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




HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

TERRAJAS TIPO ARMSTRONG / ARMSTRONG TYPE THREADERS / FILIÈRES MOD. ARMSTRONG / SET GEWINDESCHNEIDKLUPPEN TYP ARMSTRONG / FILIERA TIPO ARMSTRONG / TARRACHAS TIPO ARMSTRONG / РЕЗЬБОНАРЕЗНОЙ НАБОР ARMSTRONG

COD.		 O.D. inch	 Kg				
69130	BSPT	1/4-1.1/4	5,5	64010, 64011, 64012, 64013, 64014, 64015		63069	51002
69131		3/8-1.1/4		64011, 64012, 64013, 64014, 64015			
69132		1/2-1.1/4	5,0	64012, 64013, 64014, 64015			
69133		1/4-1	5,5	64010, 64011, 64012, 64013, 64014			
69134		3/8-1	5,0	64011, 64012, 64013, 64014			
69135		1/2-1		64012, 64013, 64014			

COD.		 O.D. inch	 Kg				
69136	BSPT	1/2-2	7,5	64016, 64017, 64018, 64019, 64020, 64021		63070	51003
69137		3/4-2	8,5	64017, 64018, 64019, 64020, 64021			
69138		1-2	8,0	64018, 64019, 64020, 64021			
69139		1.1/4-2	7,5	64019, 64020, 64021			





COD.		 O.D. inch	 Kg				
69145	NPT	1/4-1.1/4	5,5	64022, 64023, 64024, 64025, 64026, 64027		63069	51002
69146		3/8-1.1/4		64023, 64024, 64025, 64026, 64027			
69147		1/2-1.1/4	5,0	64024, 64025, 64026, 64027			
69148		1/4-1	5,5	64022, 64023, 64024, 64025, 64026			
69149		3/8-1	5,0	64023, 64024, 64025, 64026			
69150		1/2-1		64024, 64025, 64026			





COD.		 O.D. inch	 Kg				
69151	NPT	1/2-2	7,5	64028, 64029, 64030, 64031, 64032, 64033		63070	51003
69152		3/4-2	8,5	64029, 64030, 64031, 64032, 64033			
69153		1-2	8,0	64030, 64031, 64032, 64033			
69154		1.1/4-2	7,5	64031, 64032, 64033			











COJINETES / DIES / COUSSINETS / NÄHKISSEN / CUSCINETTI / ÇAÇONETES / ГРЕБЕНКИ



COD.		 O.D. inch	 g	
64010	BSPT	1/4	260	1
64011		3/8	250	
64012		1/2	230	
64013		3/4		
64014		1	210	
64015		1.1/4	175	

COD.		 O.D. inch	 g	
64022	NPT	1/4	260	1
64023		3/8	250	
64024		1/2	230	
64025		3/4		
64026		1	210	
64027		1.1/4	175	

COD.		 O.D. inch	 g	
64016	BSPT	1/2	550	1
64017		3/4	500	
64018		1		
64019		1.1/4	450	
64020		1.1/2	400	
64021		2	310	




COD.		 O.D. inch	 g	
64028	NPT	1/2	550	1
64029		3/4	500	
64030		1		
64031		1.1/4	450	
64032		1.1/2	400	
64033		2	310	



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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ












■ CARRACAS / RATCHET / CLIQUETS / RATSCHENHEBEL / CRICCO DI MANOURA / ROQUETES / ТРЕЩЕТКИ

COD.	 O.D. inch	 Kg	
63069	1/4-1.1/4	3,0	1
63070	1/2-2	4,0	1



■ MASTERKIT - 1









COD.											
69000		10			63003, 61004		-				
69001	BSPT				63004, 63005		61017				
69002		9,5					-	61011			
69021	NPT		51005	63000	63013, 63014, 63015		61017		62135	63172	100 ml (64007)
69787		10				61004	-				
69788	BSPP				63725, 63726, 63727		61017				
69789		9,5					-	61011			

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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ






■ **MASTERKIT - 2**



COD.						
69050		16				61004
69051	BSPT	17			63006, 63003, 63004, 63005, 63008, 63009	
69052		16				-
69072	NPT	17	50002	63010	63013, 63014, 63015, 63016, 63018, 63019	
69790		16				61004
69791	BSPP	17			63725, 63726, 63727, 63728, 63730, 63731	
69792		16			63725, 63726, 63727, 63728, 63730, 63731	-






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

■ **CORTATUBOS DE ACERO / STEEL PIPE CUTTER / COUPE-TUBES ACIER / ROHRABSCHNEIDER / TAGLIATUBI PER FERRO / CORTA TUBOS AÇO / ТРУБОРЕЗ ДЛЯ СТАЛЬНЫХ ТРУБ**

COD.					
63171	1/8-1.1/4	4,8	1,1	2	63103
63172	1/8-2	5,8	2,5	1	63101






CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero / Steel / Acier

COD.					
63098	1/8-1.1/4	4,8	1,1	2	63090
63099	1/8-2	5,6	2,5	1	63091






CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero inoxidable / Stainless steel / Acier inoxydable

COD.					
63366	1/8-2	5,6	3,2	1	63101
63193	1-3	7,6	5,0		63195

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero / Steel / Acier

COD.					
63378	1/8-2	5,6	3,2	1	63091
63194	1-3	7,6	5,0		63092

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero inoxidable / Stainless steel / Acier inoxydable



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
HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

COD.					
63175	2-4	8,6	8,0	1	63185



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

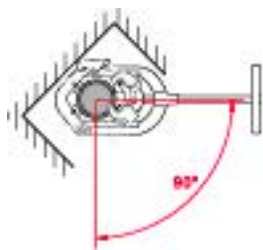
Acero / Steel / Acier






COD.					
63177	2-4	8,6	8,0	1	63186

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero inoxidable / Stainless steel / Acier inoxydable

CORTATUBOS ARTICULADO / HINGED PIPE CUTTER / COUPE TUBES ARTICULÉ / UNIVERSAL ROHRABSCHNEIDER / TAGLIATUBI ARTICOLATO / CORTA TUBOS ARTICULADO / ТРУБОРЕЗ С ХОМУТНОЙ ЗАЩЕЛКОЙ








COD.					
63355	2-4		6,0		64173
63356	4-6		9,0	1	64174
63357	6-8	8,6	11		64175
63358	8-12		16		64176








CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero / Steel / Acier

COD.					
63359	2-4		6,0		64196
63360	4-6		9,0	1	64197
63361	6-8	8,6	11		64198
63362	8-12		16		64199

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero inoxidable / Stainless steel / Acier inoxydable







COD.					
63772	2-4		6,0		64654
63773	4-6		9,0	1	64655
63774	6-8	8,6	11		64655
63775	8-12		16		

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Hierro dúctil y fundición / Cast and ductile iron / Fer malléable et fonte

SERIE INOX / STAINLESS STEEL / INOX / EDELSTAHL / ACCIAIO INOX / AÇO INOXIDAVEL / НЕРЖАВЕЮЩАЯ СТАЛЬ

MINI

COD.							
63190	INOX	3-16	90	20	1	63089	20
63096	Acero inoxidable / Stainless steel / Acier inoxydable	3-22	120			63113	



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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

■ **REFORZADO / REINFORCED / RENFORCÉ**

COD.							
63076	Acero inoxidable / Stainless steel / Acier inoxydable	3-22	135	20	I	63113	20



■ **MINI 30**

COD.							
63169	Acero inoxidable / Stainless steel / Acier inoxydable	3-30	210	10	I	63087	20



■ **CLASSIC 32**

COD.							
63094	Acero inoxidable / Stainless steel / Acier inoxydable	3-32	300	1	I	63113	20



■ **TELESCOPIC 32**

COD.							
63118	Acero inoxidable / Stainless steel / Acier inoxydable	6-32	290	1	I	63113	20



■ **UNIQUE**

COD.							
63078	Acero inoxidable / Stainless steel / Acier inoxydable	6-35	480	1	I	63114	10
63121		6-42	550	8			
63188		6-45	600	1			



■ **AUTOMATIC 50**

COD.							
63364	Acero inoxidable / Stainless steel / Acier inoxydable	6-50	450	1	I	63721	10



■ **AUTOMATIC 67**

COD.							
63126	Acero inoxidable / Stainless steel / Acier inoxydable	6-67	750	1	I	63114	10



■ **KIT 3 PCS.**

COD.	PCS.	COD.	PCS.
69548	3	63096, 63094, 63121	



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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

■ **EXPOSITOR / DISPLAY / PRESENTOIR / STÄNDER / ESPOSITORE / DISPLAY STAND / СТЕНДЫ**

■ **20 PCS.**

COD.	PCS.
55568	20

PCS./UN.	COD. PCS.	O.D. mm
4	63094	Ø 32 mm
	63118	
	63078	Ø 35 mm
	63121	Ø 42 mm
	63188	Ø 45 mm



■ **TORNILLO DE BANCO PARALELO CON MORDAZAS PARA TUBO / PARALLEL BENCH VICE WITH PIPE JAWS / ETAU À MORS PARALLELES AVEC SERRE TUBE / PARALLELSCHRAUBSTOCK MIT ROHRSPANNBACKEN / MORSA PARALLELA CON GANASCE PER TUBI / TORNO PARALELO CON MORDAÇAS PARA TUBO / СЛЕСАРНЫЕ ТИСКИ С ТРУБНЫМИ ГУБКАМИ**

■ **FIJO / FIXED / FIXE / FESTE-AUSFÜHRUNG / BASE FISSA / FIXO / ФИКСИРОВАННЫЙ**

COD.	inch	mm	N	O.D. inch	Kg	
56500	4	110	15.000	1/4-2	7	1
56501	5	130	20.000	1/2-2	11	
56502	6	160	30.000	1/2-3	17	
56503	7	210	35.000		25	



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero forjado / Forged steel / Acier forgé

■ **GIRATORIO / SWIVEL / TOURNANT / DREHBARE / MORSA GIREVOLE / BASE GIRATORIA / ПОВОРОТНОЕ**

COD.	inch	mm	N	O.D. inch	Kg	
56505	4	110	15.000	1/4-2	8	1
56506	5	130	20.000	1/2-2	12	
56507	6	160	30.000	1/2-3	19	
56508	7	210	35.000		27	



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero forjado / Forged steel / Acier forgé

■ **REPUESTOS / SPARE PARTS / RECHANGES / ERSATZTEILE / ACCESORI / ACESSORIOS / ЗАПАСНЫЕ ЧАСТИ**

COD.	(inch)	Kg
87775	4	0,9
87776	5	1,2
87777	6	1,6
87778	7	2



COD.	(inch)
87780	4
87781	5
87782	6
87783	7







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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

TORNILLO DE BANCO PARALELO / PARALLEL BENCH VICE / ETAU À MORS PARALLELES / PARALLELSCHRAUBSTÖCKE / Morsa da Banco Paralela / TORNO DE BANCADA PARALELO / ТИСКИ

■ **FIJO / FIXED / FIXE / FESTE-AUSFÜHRUNG / BASE FISSA / FIXO / ФИКСИРОВАННЫЙ**





COD.			N		
69592	4	110	15.000	9,5	1
69593	5	150	25.000	13	
69594	6	220	35.000	22	
69595	8		50.000	29	



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero fundido / Cast steel / Font d'acier

■ **GIRATORIO / SWIVEL / TOURNANT / DREHBARE / Morsa GIREVOLE / BASE GIRATORIA / ПОВОРОТНОЕ**


COD.			N		
69596	4	110	15.000	11	1
69597	5	150	25.000	15	
69598	6	220	35.000	24	
69599	8		50.000	31	



CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero fundido / Cast steel / Font d'acier

■ **REPUESTOS / SPARE PARTS / RECHANGES / ERSATZTEILE / ACCESORI / ACESSORIOS / ЗАПАСНЫЕ ЧАСТИ**

COD.	(inch)	
81961	4	1,4
81962	5	1,9
81963	6	
81964	8	2,0



COD.	(inch)
80749	4
80750	5
80751	6
80752	8



TORNILLO DE BANCO PARALELO AJUSTE RÁPIDO / QUICK ACTION PARALLEL BENCH VICE / ETAU PARALLELE AVEC REGLAGE RAPIDE / SCHNELLVERSTELLBARE PARRALLELSCHRAUBSTOCK / Morsa da Banco Azione Rapida / TORNO DE BANCADA PARALELO AJUSTE RÁPIDO / ТИСКИ С БЫСТРЫМ ЗАЖИМОМ



ACCIÓN RÁPIDA | QUICK ACTION | REGLAGE RAPIDE

■ **FIJO / FIXED / FIXE / FESTE-AUSFÜHRUNG / BASE FISSA / FIXO / ФИКСИРОВАННЫЙ**

COD.			N		
69724	4	110	15.000	9,4	1

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero fundido / Cast steel / Font d'acier





Acción rápida / Quick action / Reglage



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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

■ **GIRATORIO / SWIVEL / TOURNANT / DREHBARE / Morsa girevole / BASE GIRATORIA / ПОВОРОТНОЕ**

COD.			N		
69709	4	110	15.000	11	1


CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Acero fundido / Cast steel / Font d'acier

Acción rápida / Quick action / Reglage







■ **REPUESTOS / SPARE PARTS / RECHANGES / ERSATZTEILE / ACCESORI / ACESSORIOS / ЗАПАСНЫЕ ЧАСТИ**

COD.	(inch)	
82751	4	1,4

COD.	(inch)
80761	4











■ **TORNILLO DE BANCO PARA TUBOS / PIPE VICE / ÉTAU À CHARNIÈRE / ROHRSCHRAUBSTOCK / Morsa per tubi / TORNO PARA TUBOS / ВЕРСТАЧНЫЕ ТРУБНЫЕ ТИСКИ**

COD.				
61202	1/8-2	10-60	4,0	1
61204	1/8-3	10-89	8,0	
61205	1/8-4	10-114	12	







■ **REPUESTOS / SPARE PARTS / RECHANGES / ERSATZTEILE / ACCESORI / ACESSORIOS / ЗАПАСНЫЕ ЧАСТИ**

COD.		
64260	2	
64261		
64352	3	
64353		
64258	4	
64259		

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HERRAMIENTA PARA TUBO
PIPE TOOLS
OUTILLAGE TUBE
ROHR WERKZEUGE
UTENSILI PER TUBI
FERRAMENTA PARA TUBOS
ТРУБНЫЙ ИНСТРУМЕНТ

TORNILLO DE BANCO PARA TUBOS PORTÁTIL / PORTABLE PIPE VICE / ÉTAU À TUBE PORTABLE / TRAGBARE ROHRSCHRAUBSTOCK / MORSA DA BANCO PER TUBI PORTATILI / TORNO DE BANCADA PARA TUBO PORTÁTIL / ТРУБНЫЕ ТИСКИ СО СТРУБЦИНОЙ

COD.	 O.D. inch	 O.D. mm	 Kg	
61199	1/8-2	10-60	5,5	1







MORDAZA DE CADENA / CHAIN VICE / ÉTAU À CHAÎNE / KETTENROHRSCHRAUBSTOCK / MORSA A CATENA / TORNOS DE CORRENTE / ЦЕПНЫЕ ТИСКИ

COD.	 O.D. inch	 Kg	
61206	1/8-6	12	1



TRISTAND


COD.	 O.D. inch	 O.D. mm	 Kg	
61200	1/8-6	10-170	21	1

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES


Con mordaza de cadena 6" / With chain vice 6" / Avec étau à chaîne 6"



MESA DE TRABAJO / WORK BENCH / TABLE DE MONTEUR / ARBEITSTISCH / BANCHI DA LAVORO / MESAS DE TRABALHO / РАБОЧИЙ СТОЛ

COD.	L x W x H (mm)	 Kg
61197	710 x 450 x 825	18



COD.	L x W x H (mm)	 Kg
61198	1005 x 505 x 845	22
61196	1205 x 705 x 845	30



