

33

1000V

IDEMCO

 1000V  
IEC 60900

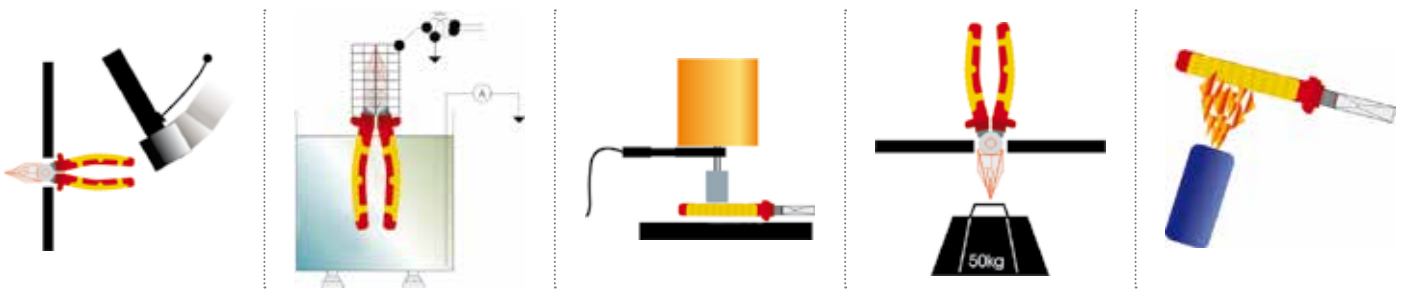


## 1000V IEC 60900

**EGA Master ofrece una extensísima colección de herramientas de seguridad aisladas 1000V: alicates, destornilladores, llaves ajustables, cortacables de carraca, pinzas, cuchillos, tenazas, llaves fijas y de estrella, llaves de vaso (con sus correspondientes accesorios y juegos), arcos de sierra, etc.**

*EGA Master offers a huge range of safety 1000V insulated handtools: pliers, screwdrivers, adjustable wrenches, tweezers, knives, sockets, spanners, hacksaws...*

**EGA Master offre une vaste gamme d'outils isolés 1000V: pinces, tournevis, clés réglables, brucelles, couteaux, douilles, clés, scies à métaux...**



Test de impacto  
Impact test  
Test d'impact

Test dieléctrico a 10.000V  
Dielectric test at 10.000V  
Test diélectrique à 10.000V

Test de penetración  
Penetration test  
Test de penetration

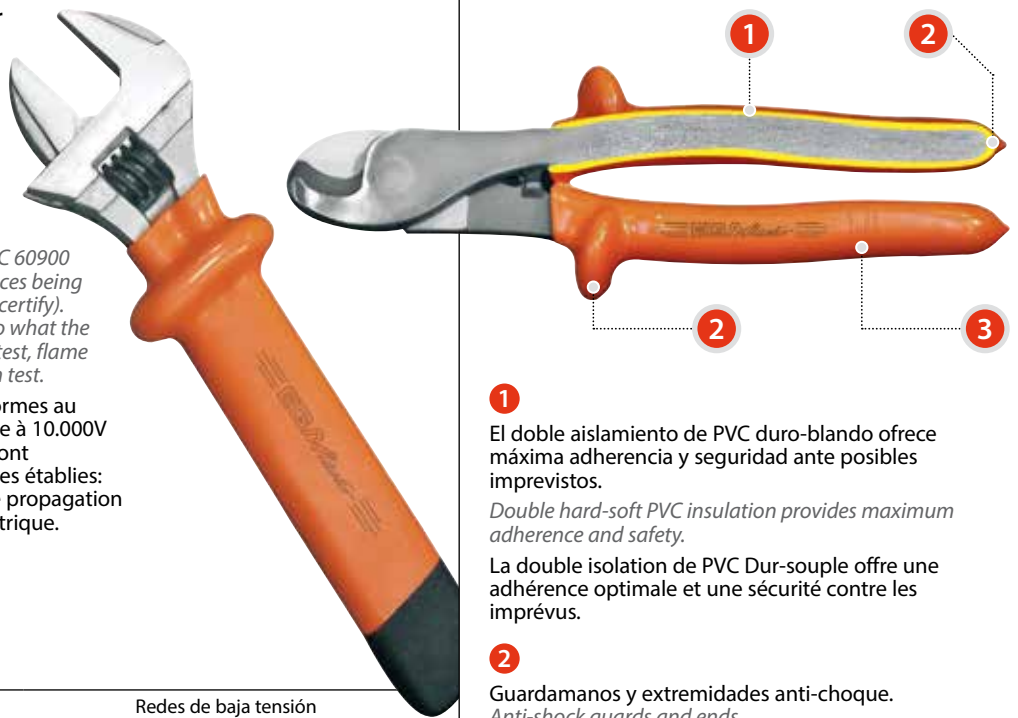
Test de adherencia de mangos  
Testing of adhesiveness  
Test d'adherence klebtest

Test de no propagación de llama  
Heat resistance test  
Test de combustibilité

Las herramientas aisladas de **EGA Master** cumplen con la normativa IEC 60900, siendo sometidas todas ellas al test dieléctrico a 10.000V (es decir, a una intensidad 10 veces mayor de la certificada). Las herramientas son objeto también de los tests de adherencia, penetración dieléctrica, impacto y propagación de llama de acuerdo a la rigurosa norma europea.

*EGA Master insulated tools comply with IEC 60900 international standard, each one of the pieces being tested at 10,000V (10 times the voltage we certify). They are also tested rigorously according to what the norms establishes: adherence test, impact test, flame propagation test and dielectric penetration test.*

Les outils isolés d'**EGA Master** sont conformes au norme IEC 60900. Chaque pièce est testée à 10.000V (nous certifions 10 fois la tension). Elles sont rigoureusement testées suivant les normes établies: essai d'adhérence, essai au choc, essai de propagation de flamme et essai de pénétration diélectrique.



**1**

El doble aislamiento de PVC duro-blando ofrece máxima adherencia y seguridad ante posibles imprevistos.

*Double hard-soft PVC insulation provides maximum adherence and safety.*

La double isolation de PVC Dur-souple offre une adhérence optimale et une sécurité contre les imprévus.

**2**

Guardamanos y extremidades anti-choque.

*Anti-shock guards and ends.*

Poignées et extrémités anti-chocs.

**3**

Marcado láser indeleble.

*Un-erasable laser marking.*

Marquage Laser indélébile.

### ■ PRINCIPALES CAMPOS DE APLICACIÓN MAIN APPLICATION FIELDS PRINCIPALES DOMAINES D'APPLICATION

Instaladores eléctricos <i>Electrical installation</i> Électriciens	Redes de baja tensión <i>Low Voltage networks</i> Réseaux de basse tension
Centrales eléctricas <i>Power plants</i> Centrales électriques	Telecomunicaciones <i>Telecommunications</i> Télécommunications
Estaciones y subestaciones eléctricas <i>Electric stations and substations</i> Stations et subdivisions électriques	Mantenimiento eléctrico <i>Electric maintenance</i> Maintenance électrique
Redes de alta tensión <i>High Voltage networks</i> Réseaux hautes tensions	Bomberos <i>Fire-fighters</i> Pompiers
Instalación y reparación de alumbrado <i>Lighting installation and repair</i> Voiries et réseaux divers (VRD)	

**PRECAUCIONES  
CAUTION  
PRÉCAUTIONS**

- No emplear nunca la herramienta en aplicaciones bajo tensión si la protección presenta poros, fisuras, elementos incrustados o se ve la capa inferior de color amarillo.  
*Don't ever use tools under voltage if they present pores, fissures, encrusted elements or if the yellow insulation layer is visible.*  
Ne jamais utiliser l'outillage en tension si la protection semble poreuse, présente des fissures, que des corps étrangers sont incrustés ou que la couche inférieure est jaune.
- Se recomienda emplear suelos aislantes y calzado de seguridad en trabajos bajo tensión.  
*Insulating floors and safety shoes are recommended to work under voltage.*  
Pour des travaux sous tension, nous recommandons de travailler avec des tapis isolants et des chaussures de sécurité.
- Evite el contacto con agua mientras realice trabajos bajo tensión.  
*Avoid contact with water while working under voltage.*  
Éviter tout contact avec l'eau lors de réalisation des travaux de sous tension.
- No tocar directamente ninguna pieza susceptible de estar bajo tensión. Emplear un comprobador de tensión o tester.  
*Do not ever touch directly any item that may be under voltage. Use a voltage tester to check first.*  
Ne jamais toucher directement, une pièce susceptible d'être sous tension.

## CERTIFICADO DE HERRAMIENTAS AISLADAS VDE CERTIFICATE OF VDE INSULATED TOOLS CERTIFICAT D'OUTILS ISOLÉS VDE

**VDE Prüf- und Zertifizierungsinstitut**

### ZEICHGENEHEMIGUNG MARKS APPROVAL

**EGA MASTER S.L.**  
Zorrolleta St. 11  
Jundiz Industrial Estate  
01015 VITORIA  
Spain

ist berechtigt, für ihr Produkt /  
is authorized to use for their product

**Zange, isoliert  
Pliers, insulated**

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /  
Tested and certified according to

DIN EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018  
DIN EN IEC 60900 Ber. 1 (VDE 0682-201 Ber. 1):2020-11; EN IEC 60900:2018/AC:2020-05

Das Produkt entspricht den Anforderungen des deutschen Produktsicherheitsgesetzes (ProdSG) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit.  
The product covers the requirements of the German Act "Produktsicherheitsgesetz (ProdSG)" regarding the assurance of safety and health.

Befristet zum / valid until: 2027-01-31

Aktenzeichen: 2176300-3940-0011 / 290575  
File ref.:  
Ausweis-Nr. 40029860 Blatt 1  
Certificate No. Page  
Weitere Bedingungen siehe Rückseite und Folgeblätter /  
further conditions see overleaf and following pages  
Offenbach, 2010-04-15  
(letzte Änderung / updated 2022-02-28)

VDE Prüf- und Zertifizierungsinstitut GmbH  
VDE Testing and Certification Institute  
Zertifizierungsstelle / Certification

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:  
VDE certificates are valid only when published on:

<http://www.vde.com/zertifikat>  
<http://www.vde.com/certificate>

**VDE Prüf- und Zertifizierungsinstitut**

### ZEICHGENEHEMIGUNG MARKS APPROVAL

**EGA MASTER S.L.**  
Zorrolleta St. 11  
Jundiz Industrial Estate  
01015 VITORIA  
Spain

ist berechtigt, für ihr Produkt /  
is authorized to use for their product

**Schere, isoliert  
Scissors, insulated**

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /  
Tested and certified according to

DIN EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018

Das Produkt entspricht den Anforderungen des deutschen Produktsicherheitsgesetzes (ProdSG) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit.  
The product covers the requirements of the German Act "Produktsicherheitsgesetz (ProdSG)" regarding the assurance of safety and health.

Befristet zum / valid until: 2025-11-30

Aktenzeichen: 2176300-3940-0014 / 276284  
File ref.:  
Ausweis-Nr. 40030649 Blatt 1  
Certificate No. Page  
Weitere Bedingungen siehe Rückseite und Folgeblätter /  
further conditions see overleaf and following pages  
Offenbach, 2014-04-22  
(letzte Änderung / updated 2020-10-22)

VDE Prüf- und Zertifizierungsinstitut GmbH  
VDE Testing and Certification Institute  
Zertifizierungsstelle / Certification

**VDE Prüf- und Zertifizierungsinstitut**

### ZEICHGENEHEMIGUNG MARKS APPROVAL

**EGA MASTER S.L.**  
Zorrolleta St. 11  
Jundiz Industrial Estate  
01015 VITORIA  
Spain

ist berechtigt, für ihr Produkt /  
is authorized to use for their product

**Schraubendreher, isoliert  
Screwdriver, insulated**

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /  
Tested and certified according to

DIN EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018

Das Produkt entspricht den Anforderungen des deutschen Produktsicherheitsgesetzes (ProdSG) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit.  
The product covers the requirements of the German Act "Produktsicherheitsgesetz (ProdSG)" regarding the assurance of safety and health.

Befristet zum / valid until: 2028-05-31

Aktenzeichen: 2176300-3940-0013 / 282707  
File ref.:  
Ausweis-Nr. 40030802 Blatt 1  
Certificate No. Page  
Weitere Bedingungen siehe Rückseite und Folgeblätter /  
further conditions see overleaf and following pages  
Offenbach, 2014-04-22  
(letzte Änderung / updated 2021-06-30)

VDE Prüf- und Zertifizierungsinstitut GmbH  
VDE Testing and Certification Institute  
Zertifizierungsstelle / Certification

**VDE Prüf- und Zertifizierungsinstitut**

### ZEICHGENEHEMIGUNG MARKS APPROVAL

**EGA MASTER S.L.**  
Zorrolleta St. 11  
Jundiz Industrial Estate  
01015 VITORIA  
Spain

ist berechtigt, für ihr Produkt /  
is authorized to use for their product

**Schraubendreher, isoliert  
Screwdriver, insulated**

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /  
Tested and certified according to

DIN EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018

Das Produkt entspricht den Anforderungen des deutschen Produktsicherheitsgesetzes (ProdSG) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit.  
The product covers the requirements of the German Act "Produktsicherheitsgesetz (ProdSG)" regarding the assurance of safety and health.

Befristet zum / valid until: 2025-10-31

Aktenzeichen: 2176300-3940-0015 / 276285  
File ref.:  
Ausweis-Nr. 40030649 Blatt 1  
Certificate No. Page  
Weitere Bedingungen siehe Rückseite und Folgeblätter /  
further conditions see overleaf and following pages  
Offenbach, 2016-11-17  
(letzte Änderung / updated 2020-11-24)

VDE Prüf- und Zertifizierungsinstitut GmbH  
VDE Testing and Certification Institute  
Zertifizierungsstelle / Certification

**VDE Prüf- und Zertifizierungsinstitut**

### ZEICHGENEHEMIGUNG MARKS APPROVAL

**EGA MASTER S.L.**  
Zorrolleta St. 11  
Jundiz Industrial Estate  
01015 VITORIA  
Spain

ist berechtigt, für ihr Produkt /  
is authorized to use for their product

**Isoliertes Schraubenschlüssel  
Insulated wrench**

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /  
Tested and certified according to

DIN EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018

Das Produkt entspricht den Anforderungen des deutschen Produktsicherheitsgesetzes (ProdSG) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit.  
The product covers the requirements of the German Act "Produktsicherheitsgesetz (ProdSG)" regarding the assurance of safety and health.

Befristet zum / valid until: 2022-11-31

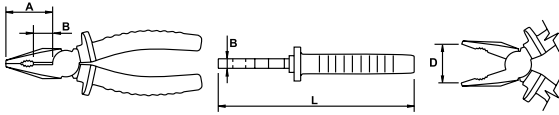
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Certificate No. Page  
Weitere Bedingungen siehe Rückseite und Folgeblätter /  
further conditions see overleaf and following pages  
Offenbach, 2014-03-26  
(letzte Änderung / updated 2020-11-19)

VDE Prüf- und Zertifizierungsinstitut GmbH  
VDE Testing and Certification Institute  
Zertifizierungsstelle / Certification

■ **ALICATES / PLIERS / PINCES / ZANGEN / PINZE / ALICATES / ПЛОСКОГУБЦЫ**

■ **TITACROM® BIMAT 1000V**

■ **UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALE / UNIVERSAIS / КОМБИНИРОВАННЫЕ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76582</b>	165	36	15	10	38	3	2	1,5	240		
<b>76583</b>	180	38	14	11	41	3,5	2,2		280	6	●
<b>76584</b>	200	43	17	12	50	4	2,5	2	330		



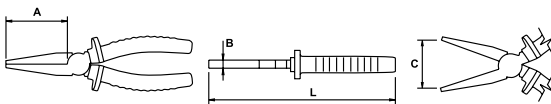
**TITACROM® BIMAT** **1000V** | IEC 60900 | DIN 5746

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

■ **BOCA PLANA / FLAT NOSE / BECS PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)			
<b>76589</b>	160	55	8,5	40	170	6	●



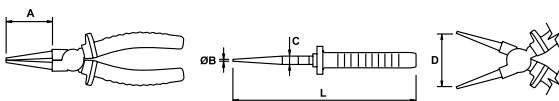
**TITACROM® BIMAT** **1000V** | IEC 60900 | DIN 5745

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

■ **BOCA REDONDA / ROUND NOSE / BECS RONDOS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
<b>76590</b>	160	41	2	10	39	160	6	●



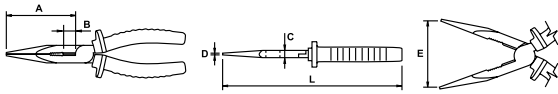
**TITACROM® BIMAT** **1000V** | IEC 60900 | DIN 5745







Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



**TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ**


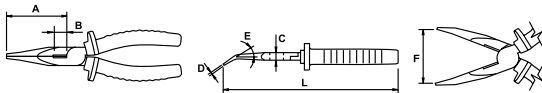
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<b>76591</b>	160	48	12	9,5	2,3	50	2,5	1,6	1	170	6	•
<b>76592</b>	200	70	14	10,5	2,6	80	3,2	2,2	1,5	210	6	•







**TITACROM<sup>®</sup> B/MAT**   1000V | IEC 60900 | DIN 5745

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V


**TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / ИЗОГНУТЫМИ НОСАМИ**


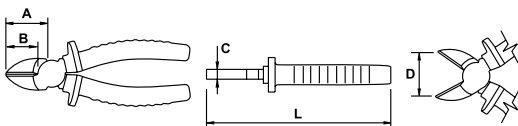
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (°)	F (mm)						
<b>76593</b>	160	41	12	9,0	2,7	32	47	2,5	1,6	1	160	6	•
<b>76594</b>	200	65	14	11	3,3	32	70	3,2	2,2	1,5	210	6	•







**TITACROM<sup>®</sup> B/MAT**   1000V | IEC 60900 | DIN 5745

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V


**CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИННЕННЫЕ ТОНКИЕ**


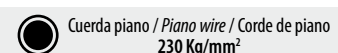
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76595</b>	160	25	20	10	25	3	2,2	1,5	205	6	•
<b>76596</b>	190	32	26	11	29	3,2	2,5	2	250	6	•

**TITACROM<sup>®</sup> B/MAT**   1000V | DIN 5749 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

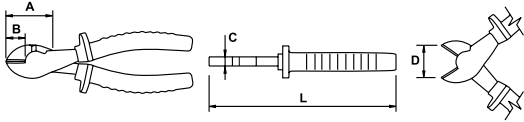
**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V





**CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCEÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76597</b>	180	43	21	11	25	3,2	2,5	2	350	6	•
<b>76598</b>	200	48	21	11	21	3,5	2,7	2,2	380	6	•

TITACROM<sup>®</sup> **BMAT** 1000V | IEC 60900 | DIN 5749

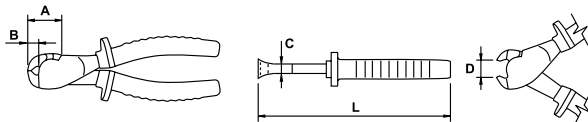
Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



**CORTE FRONTAL / END CUTTING NIPPER / COUPANTES DEVANT / VORSCHNEIDER / TAGLIO FRONTALE / CORTE FRONTAL / КЛЕЩИ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76599</b>	160	27	9	11	9	3	2,5	2	250	6	•

TITACROM<sup>®</sup> **BMAT** 1000V | IEC 60900 | DIN 5748

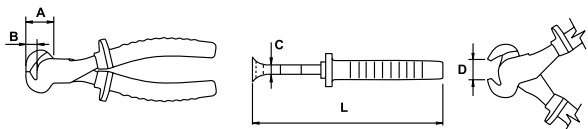
Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



**CORTE FRONTAL ELECTRICISTA / END CUTTING NIPPER (ELECTRICIAN) / COUPANTES DEVANT ELECTRICIEN / ELEKTRIKER VORSCHNEIDER / TAGLIO FRONTALE PER ELETTRICISTI / CORTE FRONTAL ELETTRICISTA / КЛЕЩИ (ЭЛЕКТРИЧЕСКИЕ)**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76600</b>	160	20	9	11	19	3	2,3	2	250	6	•
<b>76602</b>	200	22	11	14	19	3,5	2,8	2	410	6	•

TITACROM<sup>®</sup> **BMAT** 1000V | IEC 60900 | DIN 5748

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



Blando / Soft / Tendre  
20 Kg/mm<sup>2</sup>



Medio / Medium / Moyen  
75 Kg/mm<sup>2</sup>

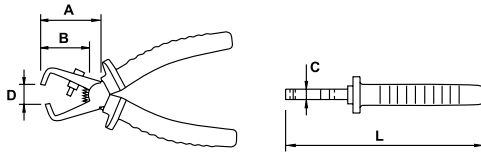


Duro / Hard / Dur  
180 Kg/mm<sup>2</sup>



Cuerda piano / Piano wire / Corde de piano  
230 Kg/mm<sup>2</sup>

**PELACABLES / WIRESTRIPPER / PINCES À DÉNUDER / ABISOLIERZANGEN / PINZE SPELAFILI / DECAPADORES / КЛЕЩИ ДЛЯ ЗАЧИСТКИ КОНТАКТОВ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	O.D. mm	g	Icons
<b>76603</b>	160	44	37	9	21	0,5-6	170	6

**TITACROM® BIMAT** 1000V | IEC 60900 | DIN 5743

Modelo registrado / Registered model / Modèle enregistré



**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

**KITS**



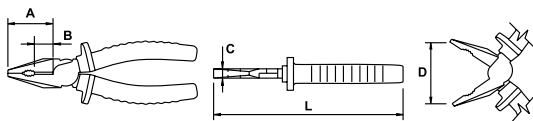
COD.	PCS.	Label
<b>76604</b>	3	A
<b>76605</b>		B

**TITACROM® BIMAT**

PCS.	COD.	PCS.
1	76607	180 mm
	76616	
	76603	160 mm

**MASTERCUT TITACROM® BIMAT 1000V**

**UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALE / UNIVERSAIS / КОМБИНИРОВАННЫЕ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	mm	mm	mm	g	Icons
<b>76606</b>	-	165	35	14	10	3,5	2,5	2	220	6
<b>76607</b>	180	40	16		50	4			230	
<b>76609</b>	210	44	19	11	60	4,5	2,8	2,2	280	



**TITACROM® BIMAT** 1000V | IEC 60900 | DIN 5746

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

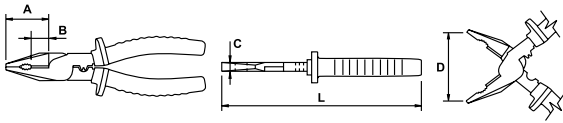
Cr-V

○ Blando / Soft / Tendre  
20 Kg/mm<sup>2</sup>

◐ Medio / Medium / Moyen  
75 Kg/mm<sup>2</sup>

◑ Duro / Hard / Dur  
180 Kg/mm<sup>2</sup>

● Cuerda piano / Piano wire / Corde de piano  
230 Kg/mm<sup>2</sup>



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76611</b>	235	43	19	13	55	5	3	2,5	380	6	•

**TITACROM<sup>®</sup> Bimat** 1000V | IEC 60900 | DIN 5746

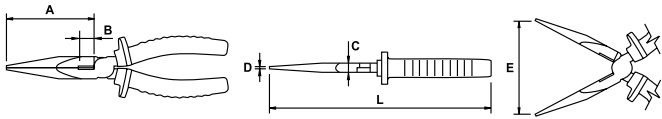
Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



**TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)						
<b>76612</b>	160	55	11	9,5	2,5	46	3	2	1,5	170	6	•
<b>76613</b>	200	75	15	9,5	3	70	3,5	2,5	2	210	6	•

**TITACROM<sup>®</sup> Bimat** 1000V | IEC 60900 | DIN 5745

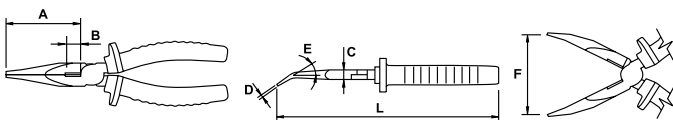
Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



**TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗГНУТЫМИ НОСАМИ**



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (°)	F (mm)							
<b>76614</b>	160	50	13	9,5	3	32	41	3	2	1,5	170	6	•	
<b>76615</b>	200	75	14	9,5	3	32	90	3,5	2,5	2	210	6	•	

**TITACROM<sup>®</sup> Bimat** 1000V | DIN 5745 | IEC 60900

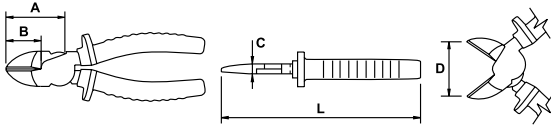
Modelo registrado / Registered model / Modèle enregistré







**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V





**CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИНЕННЫЕ ТОНКИЕ**


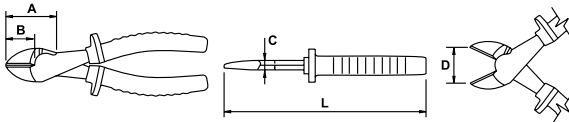
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
76616	160	37	23	11	35	3	2,5	2	210	6	•
76617	190	40	25		29	3,5	2,7	2,2	250		








**TITACROM® BITAT**  **1000V** | DIN 5749 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

**CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ**


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
76618	180	40	21	12	24	3,5	2,7	2,2	350	6	•
76619	200				22	4	3	2,5	380		


**TITACROM® BITAT**  **1000V** | DIN 5749 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

**ALICATE DE PRESIÓN / PRESSURE PLIER / PINCE DE PRÉHENSION / KLEMMZANGE / PINZA A PRESSIONE / ALICATE TIPO UNIVERSAL ISOLADO / СЖИМАЮЩИЕ КЛЕЦКИ**


COD.	L (mm)	
73248	200	90

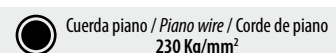
 **1000V** | IEC 60900

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**


Para el montaje y bloqueo de contadores / For meter assembly and meter blocking / Conçue pour le montage et le verrouillage des compteurs

**ALICATES AISLANTES CON ZONA DE CORTE / INSULATING COMPOSITE CUTTING PLIERS / PINCES ISOLANTES AVEC ZONE DE COUPE / ARBEITSKOPFBESCHICHTETE ZANGEN / PINZE ISOLATI CON ZONA DI TAGLIO / ALICATE DE CORTA ISOLADO EM COMPOSITE / ИЗОЛИРОВАННЫЕ КОМПОЗИТНЫЕ ПЛОСКОГУБЦЫ**
**UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALE / UNIVERSAIS / КОМБИНИРОВАННЫЕ**

COD.	L (mm)	Cu (mm <sup>2</sup> )	
36779	210	16	170


 **1000V** | IEC 60900


**BOCAS SEMI-REDONDAS / HALF ROUND NOSE / TÊTES DEMI-RONDES / LANGBECK-FLACHZANGE / BECCHI MEZZI TONDI / BOCAS SEMI-REDONDAS / ЗАКРУГЛЕННЫЕ ГУБКИ**

COD.	L (mm)	Cu (mm <sup>2</sup> )	
<b>36780</b>	235	16	180


 1000V | IEC 60900

**BOCA PLANA / FLAT NOSE / BECS PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ**

COD.	L (mm)	Cu (mm <sup>2</sup> )	
<b>36781</b>	220	16	175

 1000V | IEC 60900

**CORTACABLES / CABLE-CUTTER / COUPE CÂBLES / KABELSCHNEIDER / TAGLIACAVI / CORTA-CABOS / КАБЕЛЕРЕЗ**

COD.	L (mm)	Cu (mm <sup>2</sup> )	
<b>36778</b>	185	25	250

 1000V | IEC 60900

**GRAPA / INSULATING CLAMP / AGRAFE / KLEMMZANGE ISOLIERT / MORSETTO ISOLATO / GRAMPO ISOLADO / ИЗОЛИРОВАННЫЕ КЛЕЩИ**

COD.	L (mm)	Capacidad de agarre (mm) / Clamping capacity (mm) / Capacité d'adhérence (mm)	
<b>73249</b>	150	15	76

 1000V | IEC 60900




**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Para sujeción de las mantas aislantes / For holding insulating mats in place / Pour fixer des nappes isolantes




**ELECTRICIDAD / ELECTRICIAN TOOLS / OUTILLAGE D'ÉLECTRICIEN / ELEKTRIKERMESSEER / FERRAMENTI PER ELETTRICISTI / ELECTRICIDADE / ИНСТРУМЕНТ ДЛЯ ЭЛЕКТРИКА**
**ALICATE PARA UNIÓN DE CABLES AISLADOS Y NO AISLADOS / PLIER FOR CABLE LINKS INSULATED & NON INSULATED / PINCE POUR UNION DE CABLES ISOLES ET NON ISOLES / ZANGE FÜR ISOLIERTE UND NICHT ISOLIERTE KABELSCHUHE / PINZE PER UNIRE CAVI ISOLATI E NON ISOLATI / ALICATE PARA UNIÃO DE CABOS ISOLADOS E NÃO ISOLADOS / КЛЕЩИ ДЛЯ ИЗОЛИРОВАННЫХ И НЕИЗОЛИРОВАННЫХ КОНТАКТОВ**

COD.	L (mm)	CAP. (mm <sup>2</sup> )			
<b>73257</b>	230	0,75-6	250	6	•


**TIJERAS / TIN SNIPS / CISAILLES / BLECHSCHERE / FORBICI / TESOURAS / НОЖНИЦЫ ДЛЯ ЖЕСТИ**

COD.	L (mm)		
<b>79057</b>		160	98

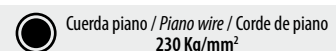
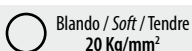
 1000V | IEC 60900



COD.	L (mm)		
<b>79058</b>		160	98

 1000V | IEC 60900

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Muesca pequeña / Small breach / Petite brèche



COD.	L (mm)		
<b>79059</b>	160	98	•




 1000V | IEC 60900

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Muesca grande / Big breach / Grande brèche






**CORTACABLES DE CARRACA / RATCHET ELECTRICIAN CABLE CUTTER / COUPE-CABLES À CLIQUET / KABELSCHNEIDER MIT RATSCHER / TAGLIACAVI CRICCO PER ELETTRICI / CORTA CABOS DE ROQUETE PARA ELETRICISTA / КАБЕЛЕРЕЗЫ С ТРЕЩЕТОЧНЫМ МЕХАНИЗМОМ**

COD.	L (mm)	Cu (mm <sup>2</sup> )	Al (mm <sup>2</sup> )			
<b>73010</b>	260	240	300	32	600	3
<b>73011</b>	380	400	600	52	800	6

 1000V | IEC 60900





COD.	L (mm)	Cu (mm <sup>2</sup> )	Al (mm <sup>2</sup> )			
<b>73504</b>	500	800	1000	70	3700	1

 1000V | IEC 60900




**PELACABLES / CABLE STRIPPER / PINCES À DÉNUDER / ABISOLIERZANGE / SPELACAVI / DECAPADOR DE CABOS / СТРИПЕР**

COD.	L (mm)		Espesor / Thickness / Épaisseur	
<b>73088</b>	245	25-45	2	550

 1000V | IEC 60900



**PELACABLES PARA CABLES XLPE / WIRE STRIPPER FOR XLPE CABLES / PINCE À DÉNUDER POUR CÂBLES XLPE / ABISOLIERZANGE FÜR VPE-KABEL / SPELAFILI PER CAVI XLPE / ALICATE DESCARNADOR PARA XLPE / КЛЕЩИ ДЛЯ СНЯТИЯ ИЗОЛЯЦИИ С КАБЕЛЕЙ XLPE**

COD.	L (mm)	
<b>62121</b>	280	670

 1000V | IEC 60900



**PINZAS / TWEEZERS / BRUCELLES / GREIFPINZETTEN / PINZETTE DI PRECISIONE / PINÇAS / ПИНЦЕТЫ**

COD.	L (mm)			
<b>73040</b>	130	15	12	•

 1000V | IEC 60900

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Boca fina / Neat Tips / Becs Fins

COD.	L (mm)			
<b>73041</b>	150	15	12	•

 1000V | IEC 60900

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

45°



**CUCHILLOS / KNIVES / COUTEAUX / MESSER / COLTELLI / FACA / НОЖИ**

COD.	L (mm)			
<b>73035</b>	170	50	110	12

 1000V | IEC 60900

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Recto / Straight / Droit



COD.	L (mm)			
<b>73036</b>	180	30	100	12

 1000V | IEC 60900

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Curvo / Curved / Coudé



COD.	L (mm)			
<b>74990</b>	190	50	100	12

 1000V | IEC 60900



#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Curvo / Curved / Coudé

Cuchilla curva con punta especial para pelar cables de forma segura / Curved blade with special bit for cable stripping / Avec une pointe spéciale afin de dénuder les câbles de façon sûre



#### BOQUILLAS ENCHUFABLES / PLASTIC SLIP-ON CLAPS / EMBOUTS DE SÉCURITÉ / KUNSTSTOFF-ÜBERZIEH-GRIFFE / UGELLI SLIP-STOP / PROTECTORES DE ENCAIXE PARA CABLE / ПЛАСТИКОВЫЕ РУКОЯТКИ

COD.	L (mm)	Conductor / Drive / Conducteur		
<b>73277</b>	100	1 #	10	10
<b>73278</b>		2 #		
<b>73279</b>		3 #		

 1000V | IEC 60900 | DIN VDE 0680/1

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Para protección contra puntas desnudas de cables en tensión / To cover bare live cable ends / Protège contre le contact avec des conducteurs dénudés sous tension



#### BOQUILLAS DE AUTOFIJACIÓN / SELF CLAMPING SLIP-ON CLAPS / EMBOUTS DE SÉCURITÉ AUTOBLOQUANTS / SELBSTKLEMMENDE KUNSTSTOFF-ÜBERZIEH-GRIFFE / UGELLI AUTOBLOCCANTI / PROTECTORES DE ENCAIXE AUTOMÁTICO PARA CABLE / ПЛАСТИКОВЫЕ РУКОЯТКИ САМОФИКСИРУЮЩИЕСЯ

COD.	L (mm)		
<b>73287</b>	80	10	7

 1000V | IEC 60900 | DIN VDE 0680/1

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Para protección contra puntas desnudas de cables en tensión / To cover bare live cable ends / Protège contre le contact avec des conducteurs dénudés sous tension



COD.	L (mm)		
<b>73288</b>	100	20	24

 1000V | IEC 60900 | DIN VDE 0680/1

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Para protección contra puntas desnudas de cables en tensión / To cover bare live cable ends / Protège contre le contact avec des conducteurs dénudés sous tension



COD.	L (mm)		
<b>73289</b>	110	30	38




 1000V | IEC 60900 | DIN VDE 0680/1

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Para protección contra puntas desnudas de cables en tensión / To cover bare live cable ends / Protège contre le contact avec des conducteurs dénudés sous tension






**TENAZAS / PINCERS / TENAILLES / ZANGE / TENAGLIE / ALICATES / КЛЕЩИ**
**DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / ШАРНИРНЫЕ**

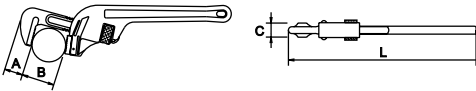
COD.	L (inch)	 g		
<b>73004</b>	10	450		
<b>73005</b>	12	600	6	•




 1000V | IEC 60900

**PICO DE LORO / GROOVE JOINT / MULTIPRISE À CRÉMAILLÈRE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / С ЖЕЛОБКОВЫМ МЕХАНИЗМОМ**

COD.	L (inch)	 g		
<b>73001</b>	10	450		
<b>73012</b>	12	720	6	•





 1000V | IEC 60900

**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		
<b>76758</b>	8	16	1	20	0,4		
<b>76759</b>	10	20	1.1/2	23	0,9	6	
<b>76760</b>	12	22	2	26	1,4		•
<b>76761</b>	14	25	2	29	1,6	5	
<b>76762</b>	18	27	2.1/2	33	2,4	3	-

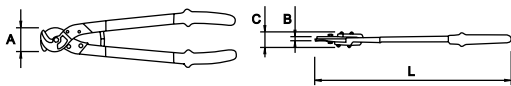
 1000V | IEC 60900




**TENAZAS CORTACABLES / CABLE CUTTERS / COUPE-CÂBLES / KABELSCHNEIDER / CESCOIE PER CAVI / TESOURAS CORTA CABOS / КАБЕЛЕРЕЗЫ**

COD.	L (mm)	L (inch)	 O.D. mm	Cu/Al (mm <sup>2</sup> )	 g		
<b>76147</b>	150	6	6,7	35	180	6	•

 1000V | IEC 60900

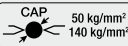



COD.	L (mm)	L (inch)	 O.D. mm	Cu/Al (mm <sup>2</sup> )	 g		
<b>73008</b>	250	10	9	63	500	6	•

 1000V | IEC 60900


COD.	L (mm)	L (inch)	 O.D. mm	A (mm)	Cu/Al (mm <sup>2</sup> )	B (mm)	C (mm)	 g	
<b>73009</b>	600	24	14	70	154	16	55	1850	1

 1000V | IEC 60900

**CORTAVARILLAS / BOLT CUTTERS / COUPE-BOULONS / BOLZENSCHNEIDER / TAGLIABULLONI / CORTA VARÃO / АРМАТУРНЫЕ НОЖНИЦЫ**

COD.	L (inch)	 CAP 50 kg/mm <sup>2</sup> 140 kg/mm <sup>2</sup>	 Kg	
<b>73020</b>	18	8-6	1,7	
<b>73021</b>	24	10-8	2,7	1

 1000V | IEC 60900


**CORTATUBOS PARA TUBO DE PLÁSTICO / PLASTIC PIPE CUTTER / COUPE-TUBE PLASTIQUE / KUNSTSTOFFROHRSCHERE / CESCOIA PER TUBI DI PLASTICA / TESOURA PARA TUBO DE PLÁSTICO / ТРУБОРЕЗ ДЛЯ ПЛАСТИКА**
**PIRAINA®**

COD.					
<b>76145</b>	64	600	5	●	64752

⚠ 1000V | IEC 60900

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Válido para / Valid for / Valable pour

KEVLAR, PVC, PE, PP, PB, VPE, PVDF, MLP, HTA, PPR, PEX, MULTILAYER

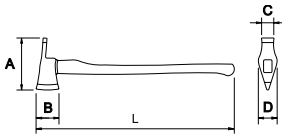

**CORTABRIDAS / PLASTIC TIE CUTTER / PINCE COUPE COLLIERS PLASTIQUES / KABELBINDER SCHNEIDER / PINZA TAGLIA FASCETTE IN NYLON / CORTA-ABRÇAÇEIRA / РЕЗАК ДЛЯ ПЛАСТИКОВЫХ ХОМУТОВ**



COD.	L (mm)			
<b>73042</b>	150	100	6	●

⚠ 1000V | IEC 60900 | RCD N° 2029504

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Corta bridas sin dañar los cables / It cuts the ties without damaging the cables / Il coupe les colliers plastiques sans abîmer les cables






**CORTE / CUTTING / OUTILS COUPANTS / SCHNEIDWERKZEUG / ARCHETTI / CORTE / РЕЗКА**
**HACHA AZADA / HOE AXE / HACHE HOUÉ / WIEDEHOPFHACKE / ASCIA A ZAPPA / MACHADO ENXADA / ТОПОР МОТЫГА**


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)		
<b>67243</b>	910	310	110	80	29	2,8	6





**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Fibra de vidrio / Fiberglass / Fibre de verre


**ARCO DE SIERRA / HACK SAW / MONTURE DE SCIE À METAUX / METALLSÄGEN GEBOGEN / ARCHETTI / ARCO DE SERRA / НОЖОВКА**

COD.				
<b>73029</b>	6	150	500	1

⚠ 1000V | IEC 60900

COD.				
<b>73030</b>	12	300	800	1

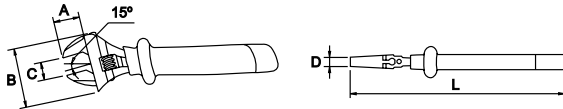
⚠ 1000V | IEC 60900





**LLAVES AJUSTABLES / ADJUSTABLE WRENCHES / CLÉS À MOLETTE / ROLLGABELSCHLÜSSEL / CHAVI REGOLABILI A RULLINO / CHAVES AJUSTAVELS / РАЗВОДНЫЕ КЛЮЧИ**

**TITACROM®**

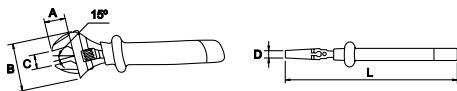


COD.	L (inch)	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
76550	6	150	20	47	19	6,5	200		
76551	8	200	25	55	24	7	360	4	•
76552	10	250	30	70	29	8,5	600		
76553	12	300	35	85	33,5	10	950		



**TITACROM®** ⚠️ 1000V | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

**FOSFATADA / PHOSPHATED / PHOSPHATÉE BRUNIE / PHOSPHATIERT / FINITURA BRUNITA / BRUNIDA / ЧЕРНЕННЫЙ**

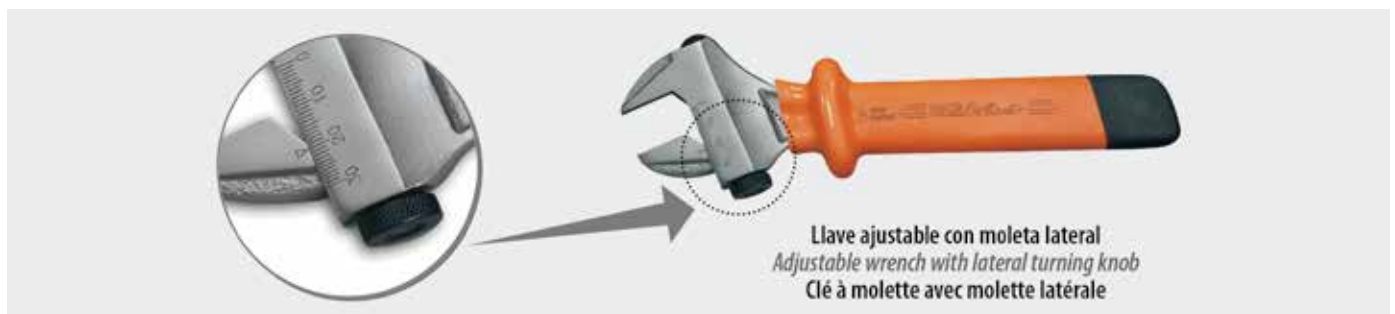


COD.	L (inch)	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
76554	6	150	20	47	19	6,5	195		
76555	8	200	25	55	24	7	370	4	•
76556	10	250	30	70	29	8,5	650		
76557	12	300	35	85	33	10	1050		

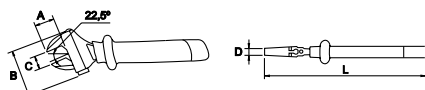


⚠️ 1000V | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

**MOLETA LATERAL / LATERAL NUT / MOLETTE LATÉRALE / MIT SCHNECKENROLLE / RULLINO LATERALE / MOLETA LATERAL / РИГУЛИРОВОЧНАЯ ШАЙБА**



**TITACROM®**

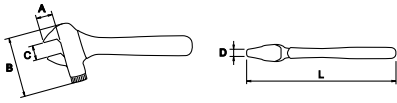





COD.	L (inch)	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	g		
76578	6	150	20	55	19	8,5	200		
76580	10	250	30	80	29	11	600	4	•
76581	12	300	36	95	33	12	1000		



**TITACROM®** ⚠️ 1000V | IEC 60900

### 1000V



COD.	L (inch)	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
79470	8	200	25	95	29	11	370		
79471	10	250	32	105	33		620	1	•
79472	12	300	40	120	38	14	1000		














 1000V | IEC 60900

### LLAVES / WRENCHES / CLÉS / SCHLÜSSEL / CHIAVI / CHAVES / КЛЮЧИ

#### FIJA DE UNA BOCA / SINGLE ENDED OPEN JAW SPANNER / À FOURCHE / EINMAULSCHLÜSSEL / FISSE SEMPLICE / FIXA DE UMA BOCA / ОДНОРОЖКОВЫЙ КЛЮЧ

#### MM







COD.		L (mm)			
73086	5,5	90	15		
73060	6	100	20		
73061	-	105	25		
73062	-	120	30		
73063	-	133	35		
73064		142	45	10	
73065	-	155	55		
73066	-	164	60		
73067	-	165	70		
73068		176	80		
73069	-	185	95		
73070	-	201	100		
73071		215	150		
73072	-	226	160		
73073		230	185		
73074	-	246	230		
73075	-	270	270	5	
73076		281	350		
73078	-	370			
73077					
73079	-				
73080	-				
73081	-				
73082	-				
73083					

 1000V | IEC 60900

#### INCH



COD.		L (mm)			
73043	1/4	90	15		
73044	9/32	110	20		
73045	5/16	127	25		
73046	3/8	135	30		
73047	7/16	147	35		
73048	1/2	166	45	10	
73049	9/16	176	55		
73050	5/8	185	60		
73051	11/16	200	70		
73052	3/4	226	80		
73053	13/16	230	95		
73054	7/8	246	100		
73055	15/16	270	150		
79483	1	250	160	5	
79484	1.1/8	266	185		
79485	1.1/4	281	230		

 1000V | IEC 60900

**KIT DEMO 6 LLAVES / 6 SPANNER DEMO KIT / KIT DÉMO. 6 CLÉS / DEMOKIT 6 SCHLÜSSEL / KIT 6 CHIAVI DI DIMOSTRAZIONE / KIT DEMO 6 CHAVES / ДЕМО НАБОР ИЗ 6 КЛЮЧЕЙ**

COD.	
<b>69342</b>	300
COD. PCS.	
61727	Aerospacial / <i>Aerospatial</i>
38092	INOX
73062	1000V
70172	Cu-Be
70684	Al-Bron
71669	Titanio / <i>Titanium</i>



**LLAVE DE ESTRELLA ACODADA UNA BOCA / OFFSET RING WRENCH / CLÉ POLYGONALE CONTRE-COUDÉE / GEKRÖPFTE RINGSCHLÜSSEL / CHIAVE POLIGONALE AD UNA BOCCA / CHAVE DE LUNETAS INCLINADA / КЛЮЧ ИЗОГНУТАЯ ЗВЕЗДОЧКА**

**MM**



COD.		L (mm)			
<b>73090</b>	-	6	140		
<b>73091</b>	-	7	145	50	
<b>73092</b>	-	8	150	55	
<b>73093</b>		9	155	75	
<b>73094</b>	-	10	160	80	
<b>73095</b>	-	11	170	90	
<b>73096</b>	-	12	180	100	
<b>73097</b>	-	13	180	105	
<b>73098</b>		14	190	130	
<b>73099</b>	-	15	200	140	
<b>73100</b>	-	16	200	150	10
<b>73101</b>		17	210	160	
<b>73102</b>	-	18	210	210	
<b>73103</b>		19	220	230	
<b>73105</b>	-	21	240	280	
<b>73106</b>		22	250	300	
<b>73107</b>	-	23	320		
<b>73108</b>		24	260	350	
<b>73109</b>	-	26	300		
<b>73110</b>		27		550	
<b>73111</b>	-	28	310		
<b>73112</b>	-	29		600	
<b>73113</b>	-	30			
<b>73114</b>		32	330	650	5
<b>73115</b>	-	36			
<b>73116</b>	-	38	350	1100	
<b>73117</b>	-	41	380	1150	
<b>73118</b>	-	42	400		
<b>73119</b>	-	46	440	1200	
<b>73104</b>	-	50	460	1300	

1000V | IEC 60900

**INCH**

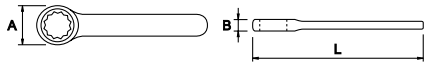


COD.		L (mm)			
<b>73347</b>	1/4	140	50		
<b>73348</b>	5/16	150	75		
<b>73349</b>	3/8	160	85		
<b>73350</b>	7/16	170	95		
<b>73351</b>	1/2	180	125		
<b>73352</b>	9/16	190	165	10	
<b>73353</b>	5/8	200	190		
<b>73354</b>	11/16	220	210		
<b>73355</b>	3/4	250	250		
<b>73356</b>	13/16	240	320		
<b>73357</b>	7/8	250	340		
<b>73358</b>	15/16	260	390		
<b>73359</b>	1	270	450		
<b>73360</b>	1.1/16	280	500	5	
<b>73361</b>	1.1/8	290	550		
<b>73363</b>	1.1/4	305	600		

1000V | IEC 60900

**LLAVE DE ESTRELLA DE CARRACA PLANA / RING RATCHET / POLYGONALE À CLIQUET / KNARRE RINGSCHÜSSEL / CHIAVE POLIGONALE PIATTA CON CRICCO / CHAVE DE LUNETAS COM ROQUETE PLANA / ЗВЕЗДОЧКА С ТРЕЩЕТКОЙ**

MM



COD.	AF mm	L (mm)	A (mm)	B (mm)	g		
73145	10	136	25	13	60		
79423	11	140	26	14	65		
79424	12	147	29	15	75		
73147	13	152	31	15	95		
79425	14	160	32	16	120	6	•
79426	15	165	34	17	135		
79427	16	170	36	17	150		
73150	17	190	38	18	175		
79428	18	190	38	18	175		
73152	19	210	39	18	190		

1000V | IEC 60900

INCH



COD.	AF inch	L (mm)	A (mm)	B (mm)	g		
76020	1/2	152	29	14	100		
79429	9/16	165	32	16	103		
76032	5/8	170	34	17	140		
76023	11/16	180	36	18	170	6	•
79430	3/4	205	39	20	209		
79431	7/8	235	47	20	289		

1000V | IEC 60900

**LLAVE DE ESTRELLA INCLINADA UNA BOCA / ANGLE RING WRENCH / CLÉ POLYGONALE DROITE / GEBOGEN RINGSCHLÜSSEL / CHIAVE A STELLA INCLINATA / CHAVE LUA / КЛЮЧ ЗВЕЗДОЧКА ИЗОГНУТАЯ**

MM



COD.	AF mm	L (mm)	g		
73120	8	90	25		
73121	9	100	30		
73122	10	110	40		
73123	11	115	50		
73124	12	125	60		
73125	13	135	80		
73126	14	140	95		
73127	15	145	110		
73128	16	150	125	10	•
73129	17	160	135		
73130	18	170	145		
73131	19	175	175		
73133	21	185	210		
73134	22	195	240		
73135	23	210	250		
73136	24	230	275		

1000V | IEC 60900

INCH



COD.	AF inch	L (mm)	g		
73160	5/16	90	25		
73189	3/8	110	40		
73190	7/16	115	50		
73191	1/2	135	80		
73192	9/16	140	95		
73198	5/8	150	125	10	•
73199	11/16	170	145		
73200	3/4	175	175		
73201	7/8	195	240		
73202	15/16	230	275		
79486	1	245	290		
79487	1.1/8	300	460	5	•
79488	1.1/4	320	600		

1000V | IEC 60900

**LLAVES DE PIPA ABIERTAS / ANGLED OPEN SOCKETS / CLÉS À PIPE DEBOUCHEES / PFEIFFENKOPFSCHLÜSSEL / CHIAVI A PIPA APERTE / CHAVE DE CACHIMBO ABERTAS / ГОЛОВКА С РУКОЯТКОЙ ПОД 90 ГРАДУСОВ**

MM

COD.	AP mm	L (mm)	g		
73203	8		45		
73204	9	110	60		
73205	10	125	85		
73206	11	135	100		
73207	12	145	130		
73208	13	155	160		
73209	14	165	185		
73210	15	170	220	5	
73211	16	175	230		
73212	17	180	280		
73213	18	190	330		
73214	19	195	430		
73215	20	210	460		
73216	21	220	500		
73217	22	240	650		
73218	23	260	700		
73219	24	270	750		
73220	25		800		
73221	26	290	1000		
73222	27	300	1100	1	
73223	28	320	1150		
73224	29	330	1300		
73225	30				
73226	32	350	1150		


 1000V | IEC 60900

**LLAVE DE TUBO MANGO EN T / T HANDLE WRENCH / CLÉ EN T / T-GRIFF SCHLÜSSEL / CHIAVE A TUBO CON IMPUGNATURA A T / CHAVES T TUBOLARES / ГОЛОВКА С РУКОЯТКОЙ T**

MM

COD.	AP mm	L (mm)	g		
73170	6	125	70		
73171	7		85		
73172	8		95		
73173	9		120		
73174	10		140		
73175	11	135	175		
73176	12		185		
73177	13		220		
73178	14		260		
73179	15		275	10	
73180	16		290		
73181	17		300		
73182	18		330		
73183	19	150	360		
73184	20		370		
73185	21		420		
73186	22	135	430		
73187	23		440		
73188	24	150	450		


 1000V | IEC 60900

■ EN CRUZ / CROSS RIM WRENCH / CLÉ EN CROIX / KREUZSCHLÜSSEL / CHIAVE A CROCE / CHAVE DE CRUZETA / КРЕСТООБРАЗНЫЙ КЛЮЧ

COD.	AF mm	g		
<b>73167</b>	8-10-12-14	330	6	•

⚠ 1000V | IEC 60900



■ LLAVES HEXAGONALES / HEXAGONAL KEYS / CLÉS MÂLES / WINKELSCHRAUBENDREHER / CHIAVI ESAGONALI / CHAVES HEXAGONAIS / ШЕСТИГРАННЫЕ КЛЮЧИ

■ MM



COD.	AF mm	g		
<b>73155</b>	3	16	10	•
<b>73156</b>	4	30		
<b>73157</b>	5	42		
<b>73158</b>	6	55		
<b>73159</b>	8	100		

⚠ 1000V | IEC 60900

■ INCH



COD.	AF inch	g		
<b>73025</b>	1/8	20	10	•
<b>73026</b>	3/16	30		
<b>73027</b>	7/32	50		
<b>73028</b>	15/64	55		
<b>73037</b>	5/16	100		

⚠ 1000V | IEC 60900

■ SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

■ MM



COD.	AF mm	L (mm)	g		
<b>79388</b>	1,5	65	3	10	•
<b>79389</b>	2	80	5		
<b>79394</b>	2,5	90	6		
<b>79370</b>	3	100	15		
<b>79371</b>	4	110	25		
<b>79372</b>	5	125	35		
<b>79373</b>	6	145	50		
<b>79374</b>	8	165	90		
<b>79375</b>	10	185	160		
<b>79376</b>	12	205	300		

⚠ 1000V | IEC 60900

■ INCH







COD.	AF inch	L (mm)	g		
<b>79377</b>	1/8	100	15	10	•
<b>79378</b>	9/64	105	18		
<b>79379</b>	5/32	110	20		
<b>79380</b>	3/16		30		
<b>79381</b>	7/32	130	40		
<b>79382</b>	1/4	140	60		
<b>79383</b>	5/16	155	90		
<b>79384</b>	3/8	175	150		
<b>79385</b>	7/16	195	250		
<b>79386</b>	1/2	215			
<b>79387</b>	5/8	255	400		

⚠ 1000V | IEC 60900






**LLAVES HEXAGONALES EN T / T HEXAGONAL KEYS / CLÉS MÂLES EN T / T-INBUSSCHLÜSSEL / CHIAVI ESAGONALI A T / CHAVES HEXAGONAIS EM T / Т-ОБРАЗНЫЕ КЛЮЧИ ДЛЯ ШЕСТИГРАННИКОВ**

MM

COD.		L (mm)			
79390	5	120 x 90	185	10	●
79391	6				
79392	8		245		
79393	10		325		


 1000V | IEC 60900

**APRIETE CONTROLADO / CONTROLLED TIGHTENING / SERRAGE CONTRÔLÉ / KONTROLLIERTES ANZIEHEN / CONTROLLO DI SERRAGGIO / APERTO CONTROLADO / КОНТРОЛИРУЕМАЯ ЗАТЯЖКА**
**LLAVE DINAMOMÉTRICA / TORQUE WRENCH / CLÉ DYNAMOMÉTRIQUE / DREHMOMENT-SCHRAUBENSCHLÜSSEL / CHIAVE DINAMOMETRICA / CHAVE DINAMOMÉTRICA / ДИНАМОМЕТРИЧЕСКИЕ КЛЮЧИ**

COD.		N.m	L (mm)		
79990	1/4	5-25	290	0,6	1
79995	3/8	10-50			
79993		20-100		0,7	
79991		40-200	550	1,7	
79992	1/2				
79994					


 1000V | IEC 60900 | 12M

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Precisión / Accuracy / Précision 4%

COD.		N.m	Lb.ft	L (mm)		
79434	3/8	20-100	14,7-73,6	405	1,3	1

 1000V | IEC 60900 | 12M

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Precisión / Accuracy / Précision 4%




COD.		N.m	Lb.ft	L (mm)		
79435	1/2	20-200	15-150	500	1,4	1

 1000V | IEC 60900 | 12M

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Precisión / Accuracy / Précision 4%

**DESTORNILLADOR DINAMOMETRICO / TORQUE SCREWDRIVER / TOURNEVIS DYNAMOMÉTRIQUE / DREHMOMENT SCHRAUBENDREHER / CACCIAVITE DINAMOMETRICO / CHAVE DE FENDAS DINAMOMÉTRICA / ОТВЕРТКА СУСТАВКОЙ МОМЕНТА ЗАТЯГИВАНИЯ**

COD.		N.m	Lb.in	L (mm)		
79891		-	10-50	210	445	1
79889	1/4	1-6				
79890		0,5-4,5				

 1000V | IEC 60900 | 12M

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Certificado de calibración / Calibration certificate / Certificat de calibrage ●

Precisión / Accuracy / Précision +/-6%


**12M** GARANTIA 12 MESES / 12 MONTHS OF WARRANTY / 12 MOIS DE GARANTIE / 12 MONATEN GARANTIE / 12 MAANDEN GARANTIE / 12 MESI DI GARANZIA / 12 МЕСЯЦЕВ ГАРАНТИЯ

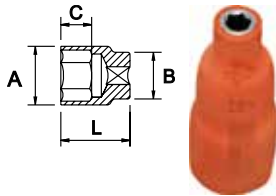
■ LLAVES DE VASO / SOCKET WRENCHES / DOUILLES / STECKSCHLÜSSEL / BUSSOLE DOPPEN / CHAVES DE CAIXA / ГОЛОВКИ

■ 1/4"

■ STANDARD

■ MM

■ 6 PT.

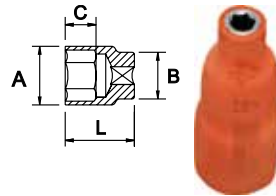


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73230	4		11					
73228	4,5		11					
73231	5		12					
73229	5,5		12					
73232	6		13		11	15		
73233	7		14					
73234	8	42	16	18		6	10	
73235	9		17					
73236	10		18				25	
73237	11		19					
73238	12		21					
73239	13		22		15	30		
73240	14		23				35	

⊕ 1000V | IEC 60900

■ INCH

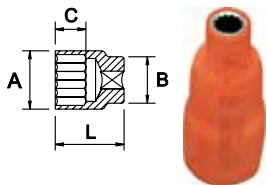
■ 6 PT.



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73366	5/32		11					
73367	3/16		11				15	
73368	7/32		12					
73369	1/4		13					
73370	9/32		14		11	17		
73371	5/16	42	16	18		6	19	10
73372	11/32		17				23	
73373	3/8		18				27	
73374	7/16		20				29	
73377	15/32		21				30	
73375	1/2		22		15			
73376	9/16		23				35	

⊕ 1000V | IEC 60900

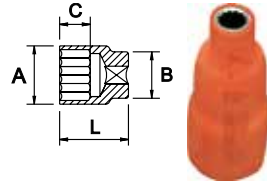
■ 12 PT.



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73241	4		11					
73242	4,5		11					
74885	5		12					
74886	5,5		12					
74887	6		13		11	15		
74888	7		14					
74889	8	42	16	18		12	10	
74890	9		17					
74891	10		18				25	
74892	11		19					
74893	12		21					
74894	13		22		15	30		
74895	14		23				35	

⊕ 1000V | IEC 60900

■ 12 PT.



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73365	5/32		11					
74900	3/16		11				15	
74901	7/32		12					
74902	1/4		13					
74903	9/32		14		11	17		
74904	5/16	42	16	18		12	19	10
74905	11/32		17				23	
74906	3/8		18				27	
74907	7/16		20				29	
74910	15/32		21				30	
74908	1/2		22		15			
74909	9/16		23				35	

⊕ 1000V | IEC 60900

1/4"

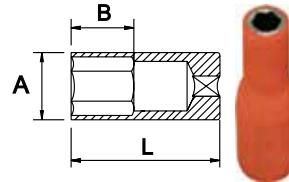
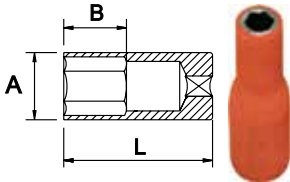
SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

MM

6 PT.

INCH

6 PT.



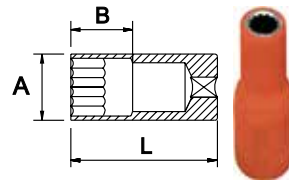
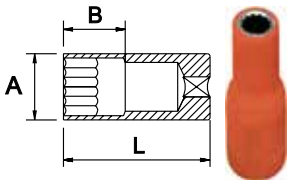
COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	
75050	4		7,5				
75051	4,5		8,0				
75052	5		9,0	8,0			
75053	5,5		10			33	
75054	6		11				
75055	7		12	10			
75056	8	48	12		6	35	10
75057	9		14			42	
75058	10		15			46	
75059	11		17			50	
75060	12		17	12		55	
75061	13		18				
75062	14		20			65	

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	
75085	3/16		9,0				
75086	7/32		10	8,0		33	
75087	1/4		11				
75088	9/32		13	10		35	
75089	5/16	48	13		6	42	10
75090	11/32		14			47	
75091	3/8		14			50	
75092	7/16		17	12		55	
75093	1/2		19				
75094	9/16		21			65	

1000V | IEC 60900

1000V | IEC 60900

12 PT.



COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	
75070	5		9,0				
75071	5,5		10	8,0			
75072	6		11			33	
75073	7		12	10			
75074	8		12			35	
75075	9	48	14		12	42	10
75076	10		15			46	
75077	11		17			50	
75078	12		17	12		55	
75079	13		18				
75080	14		20			65	





COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	
75100	5/32		7,0				
75101	3/16		9,0	8,0		33	
75102	7/32		10				
75103	1/4		11				
75104	9/32		13	10		35	
75105	5/16	48	13		12	42	10
75106	11/32		14			46	
75107	3/8		14			50	
75108	7/16		17	12		55	
75109	1/2		19				
75110	9/16		21			65	

1000V | IEC 60900

1000V | IEC 60900


## 1/4"

**PUNTA ATORNILLADORA CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / PONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ**
**HEXAGONAL / HEXAGONAL / HEXAGONALE / HEXAGONAL / ESAGONALE / HEXAGONAL / ШЕСТИГРАННАЯ**

COD.				
73250	3	16	10	●
73251	4	18		
73252	5	20		
73253	6	22		
73254	7	24		






 1000V | IEC 60900

**HEXAGONAL SERIE LARGA / HEXAGONAL LONG / HEXAGONALE SÉRIE LONGUE / HEXAGONAL LANG / ESAGONALE SERIE LUNGA / HEXAGONAL SÉRIE LONGA / ШЕСТИГРАННАЯ ВЫСОКАЯ СЕРИЯ**

COD.				
79938	3	50	10	●


 1000V | IEC 60900

## TORX®\*





COD.		L (mm)			
79495	T-20	55	20	10	●
79496	T-25		25		
79497	T-30		25		


**LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА**

COD.		L (mm)			
73687	1/4	124	140	6	●


 1000V | IEC 60900

**ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ**

COD.		L (mm)			
73244	1/4	50	28	5	●
73245		100	52		
75204		150	80		


 1000V | IEC 60900

**EXTENSIÓN CON MANGO / EXTENSION WITH HANDLE / GRANDE RALLONGE EMMANCHÉE / 4-KT. VERLÄNGERUNG MIT GRIFF / PROLUNGA CON IMPUGNATURA / EXTENÇÃO COM CABO / УДЛИНИТЕЛЬ С РУКОЯТКОЙ**

COD.		L (mm)			
73256	1/4	270	150	5	●


 1000V | IEC 60900

\*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US) / \*For screws TORX® (Acument Intellectual Properties, LLC, Troy, Mich., US registered trademark) / \*Pour vis TORX® (Marque enregistrée par Acument Intellectual Properties, LLC, Troy, Mich., US)

■ 1/4"

■ MANGO EN T / T HANDLE / POIGNÉE T / T-GRIFF / IMPUGNATURA A T / PUNHO DE T / Т-ОБРАЗНАЯ РУКОЯТКА

COD.	AF inch	L (mm)	g		
<b>73243</b>	1/4	170	140	6	•

⚡ 1000V | IEC 60900



■ ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEILE / ADATTATORE / REDUTOR / АДАПТОР

COD.	AF inch	AF inch	g		
<b>79922</b>	1/4-3/8		30	5	•

⚡ 1000V | IEC 60900



1/4"

JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВКИ

6 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
79067	6	1/4	8-10-12-13	mm	51079	850

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687	Carraca / Ratchet	1000V
4	73234, 73236, 73238, 73239	Vasos / Sockets	
1	73252	Boquilla hexagonal / Hexagonal sockets	5 mm - 1000V

10 PCS.

STANDARD



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		
79475	10	1/4	3/16-1/4-5/16-3/8-7/16-1/2-9/16	inch	51079	1

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687	Carraca / Ratchet	
2	73244, 73245	Alargadera / Extension	1000V
7	73367, 73369, 73371, 73373, 73374, 73375, 73376	Vasos / Sockets	

11 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
79068	11	1/4	6-7-8-9-10-11-12-13-14	mm	51079	950

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687	Carraca / Ratchet	
9	73232, 73233, 73234, 73235, 73236, 73237, 73238, 73239, 73240	Vasos / Sockets	1000V
1	73252	Boquilla hexagonal / Hexagonal sockets	5 mm - 1000V

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		
79476	10	1/4	3/16-1/4-5/16-3/8-7/16-1/2-9/16	inch	51079	1,2

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687	Carraca / Ratchet	
2	73244, 73245	Alargadera / Extension	1000V
7	75085, 75087, 75089, 75091, 75092, 75093, 75094	Vasos (S.L.) / (L.S.) Sockets	



- 1/4"
- 16 PCS.
- STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>79069</b>	16	1/4	4-5-6-7-8-9-10-11-12-13-14	mm	51053	1,5

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687 73245	Carraca / Ratchet Alargadera / Extension	
11	73230, 73231, 73232, 73233, 73234, 73235, 73236, 73237, 73238, 73239, 73240	Vasos / Sockets	1000V
3	73251, 73252, 73253	Boquilla hexagonal / Hexagonal sockets	4-5-6 mm - 1000V

- 19 PCS.
- STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>73014</b>	19	1/4	4-5-6-7-8-9-10-11-12-13-14	mm	51053	2

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687 73245	Carraca / Ratchet Alargadera / Extension	
11	73230, 73231, 73232, 73233, 73234, 73235, 73236, 73237, 73238, 73239, 73240	Vasos / Sockets	1000V
5	73250, 73251, 73252, 73253, 73254	Boquilla hexagonal / Hexagonal sockets	3-4-5-6-7 mm - 1000V

- 21 PCS.
- SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>79070</b>	21	1/4	4-5-6-7-8-9-10-11-12-13-14 (8-10-12-13-14 Serie larga) / (Long pattern) / (Série longue)	mm	51053	1,8

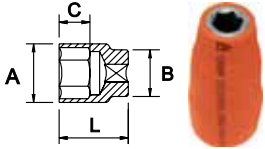
PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73687 73245	Carraca / Ratchet Alargadera / Extension	
11	73230, 73231, 73232, 73233, 73234, 73235, 73236, 73237, 73238, 73239, 73240	Vasos / Sockets	1000V
5	75056, 75058, 75060, 75061, 75062	Vasos (S.L.) / (L.S.) Sockets	
3	73251, 73252, 73253	Boquilla hexagonal / Hexagonal sockets	4-5-6 mm - 1000V

3/8"

STANDARD

MM

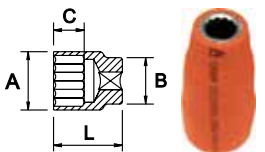
6 PT.



COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
74914	6		11				20	
74915	7		12					
74916	8		13				25	
74917	9		14	17	12			
74918	10		15				31	
74919	11	27	16					
74920	12		17					
74921	13		18				33	
74922	14		20	18				
74923	15		22		14	6		10
74924	16		23	20			35	
74925	17		24	21				
74926	18	29	26	22	16		45	
74927	19							
74928	20		28	24			50	
74929	21						55	
74930	22	31	30	26	18		65	
74997	23						70	
74998	24		32	28			75	

1000V | IEC 60900

12 PT.

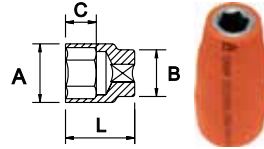


COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73261	8		13				25	
73262	9		14					
73263	10		15	17	12		31	
73264	11		16					
73265	12	27	17					
73266	13		18				33	
73267	14		20	18				
73268	15		22		14	12		10
73269	16		23	20			35	
73270	17		24	21				
73271	18	29	26	22	16		45	
73272	19							
73273	20		28	24			50	
73274	21	31			18		55	
73275	22		30	26			65	

1000V | IEC 60900

INCH

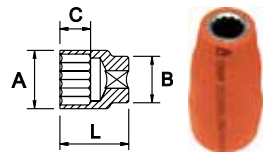
6 PT.



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
74940	1/4		12					
74941	9/32		13				25	
74942	5/16		14	17	12	6		10
74943	11/32	27	15					
74944	3/8		16				31	
74945	7/16		17					
74946	1/2		18	18			33	
74947	9/16		20		14			

1000V | IEC 60900

12 PT.



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73477	1/4		12					
73478	5/16		13				25	
73479	11/32		14	17	12			
73480	3/8	27	15				31	
73481	7/16		16					
73482	1/2		17					
73484	19/32		18	18		12	33	10
73485	5/8		22	19	14		35	
73486	11/16	29	24	21				
73487	3/4		26	22			45	
73488	13/16	31	28	26	16		50	
73489	7/8		30		18		65	

1000V | IEC 60900

■ 3/8"

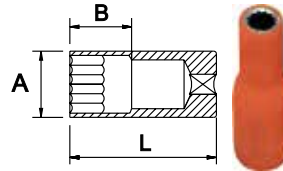
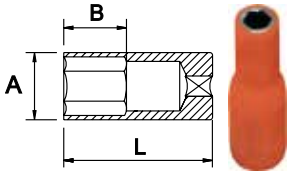
■ SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

■ MM

■ 6 PT.

■ INCH

■ 12 PT.



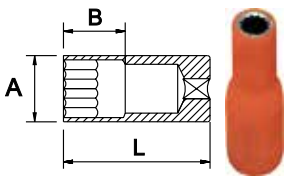
COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon
75115	7		12			90	
75116	8		13	12			
75117	9		14				
75118	10		15				
75119	11		16	14		95	
75120	12		18				
75121	13		20				
75122	14	62			6		10
75123	15		22	18		105	
75124	16		24			135	
75125	17		24			165	
75126	18		27			160	
75127	19		29			185	
75129	21		29	20		185	
75130	22		31			210	

COD.	AF inch	L (mm)	A (mm)	B (mm)	Pt	g	Icon
75160	1/4		11			90	
75161	5/16		13	12			
75162	3/8		15				
75163	7/16		17	14		95	
75164	1/2		19				
75165	9/16	62	21		12		10
75166	19/32		22	18		105	
75167	5/8		24			145	
75168	11/16		26			160	
75169	3/4		28	20		185	
75170	13/16		28			185	
75171	7/8		30			210	

⊕ 1000V | IEC 60900

⊕ 1000V | IEC 60900

■ 12 PT.






COD.	AF mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon
75140	7		12			90	
75141	8		13	12			
75142	9		14				
75143	10		15				
75144	11		16	14		95	
75145	12		18				
75146	13		20				
75147	14	62			12		10
75148	15		23	18		105	
75149	16		25			135	
75150	17		27			165	
75151	18		27			160	
75152	19		29			185	
75153	20		29	20		185	
75154	21		31			210	
75155	22		31			210	

⊕ 1000V | IEC 60900




## 3/8"

**PUNTAS ATORNILLADORAS CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / ONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ**
**HEXAGONAL / HEXAGONAL / HEXAGONALE / HEXAGONAL / ESAGONALE / HEZAGONAL / ШЕСТИГРАННАЯ**

COD.			
73290	3	42	
73291	4	44	
73292	5	46	
73293	6	50	10
73294	7	65	
73295	8	80	
73296	10	80	





**HEXAGONAL SERIE LARGA / HEXAGONAL LONG / HEXAGONALE SÉRIE LONGUE / HEXAGONAL LANG / ESAGONALE SERIE LUNGA / HEXAGONAL SÉRIE LONGA / ШЕСТИГРАННАЯ ВЫСОКАЯ СЕРИЯ**

COD.			
79939	4		54
79940	5		56
79941	6	10	60
79942	8		75
79943	10		90






## TORX®\*

COD.		L (mm)	
79892	T-10		38
79893	T-15		
79894	T-20		39
79895	T-25		
79896	T-27	68	40
79498	T-30		39
79950	T-35		44
79897	T-40		40
79898	T-45		44
79951	T-50		45





**TORX® SERIE LARGA / TORX® LONG / TORX® SÉRIE LONGUE / TORX® LANGE SERIE / TORX® SERIE LUNGA / TORX® SÉRIE LONGA / TORX® ВЫСОКАЯ СЕРИЯ**

COD.		L (mm)	
79952	T-25		55
79953	T-30		
79954	T-35	120	
79955	T-50		70




## TAMPER TORX



COD.		L (mm)	
79956	TT-45	68	44




\* Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US) / \*For screws TORX® (Acument Intellectual Properties, LLC, Troy, Mich., US registered trademark) / \*Pour vis TORX® (Marque enregistrée par Acument Intellectual Properties, LLC, Troy, Mich., US)

## 3/8"

**TAMPER TORX SERIE LARGA / TAMPER TORX LONG / TAMPER TORX SÉRIE LONGUE / TAMPER TORX LANG / TAMPER TORX SERIE LUNGA / TAMPER TORX SÉRIE LONGA / TAMPER TORX ВЫСОКАЯ СЕРИЯ**

COD.		L (mm)	
<b>79957</b>	TT-45	120	70





 1000V | IEC 60900

**LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА**

COD.		L (mm)			
<b>73685</b>	3/8	200	390	6	●

 1000V | IEC 60900

**ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ**

COD.		L (mm)			
<b>74236</b>	3/8	50	50	6	●
<b>73276</b>		100	110		
<b>73280</b>		125	112		
<b>73281</b>		250	290		

 1000V | IEC 60900

**MANGO EN T / T HANDLE / POIGNÉE T / T-GRIFF / IMPUGNATURA A T / PUNHO DE T / Т-ОБРАЗНАЯ РУКОЯТКА**

COD.		L (mm)			
<b>73283</b>	3/8	200	600	6	●

 1000V | IEC 60900

**ADAPTADOR / ADAPTER / ADAPTATEUR / VERBINDUNGSTEILE / ADATTATORE / REDUTOR / АДАПТОР**

COD.					
<b>73284</b>	3/8-1/2		47	5	●

 1000V | IEC 60900


COD.					
<b>73285</b>	3/8-1/4		65	5	●

 1000V | IEC 60900


### 3/8"

#### JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВКИ

8 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		Kg
<b>79071</b>	8	3/8	8-10-13-17	mm	51079	1,5

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	1000V
4	74916, 74918, 74921, 74925	Vasos / Sockets	
2	73291, 73292	Boquilla hexagonal / Hexagonal sockets	4-5 mm - 1000V
1	73280	Alargadera / Extension	1000V

10 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		Kg
<b>79072</b>	10	3/8	8-10-13-14-17-19-21	mm	51053	2

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	1000V
7	74916, 74918, 74921, 74922, 74925, 74927, 74929	Vasos / Sockets	
1	73292	Boquilla hexagonal / Hexagonal sockets	5 mm - 1000V
	73280	Alargadera / Extension	1000V



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		Kg
<b>79437</b>	8	3/8	1/4-5/16-3/8-1/2	inch	51079	1,5

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	1000V
4	73477, 73478, 73480, 73482	Vasos / Sockets	
2	73291, 73292	Boquilla hexagonal / Hexagonal sockets	4-5 mm - 1000V
1	73280	Alargadera / Extension	1000V



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		Kg
<b>79477</b>	10	3/8	3/8-7/16-1/2-5/8-11/16-3/4-13/16	inch	51053	2,5

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	
2	73276, 73280	Alargadera / Extension	1000V
7	73480, 73481, 73482, 73485, 73486, 73487, 73488	Vasos / Sockets	



3/8"

11 PCS.

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		Kg
79478	11	3/8		3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16" (Serie larga) / (Long pattern) / (Série longue)	inch	51053 2,8

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	1000V
2	73276, 73280	Alargadera / Extension	
8	75162, 75163, 75164, 75165, 75167, 75168, 75169, 75170	Vasos (S.L.) / (L.S.) Sockets	

19 PCS.

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		Kg
73015	19	3/8		6-7-8-9-10-11-12-13-14-17-19-21 (10 (Serie larga)) / (Long pattern)) / (Série longue)	mm	51053 3,3

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	1000V
	73280	Alargadera / Extension	
	73283	Mango en T / T Handle	
12	74914, 74915, 74916, 74917, 74918, 74919, 74920, 74921, 74922, 74925, 74927, 74929	Vasos / Sockets	1000V
1	75118	Vasos (S.L.) / (L.S.) Sockets	
3	73291, 73292, 73294	Boquilla hexagonal / Hexagonal sockets	

26 PCS.

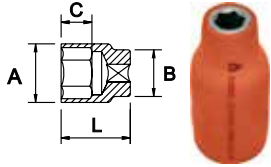
STANDARD



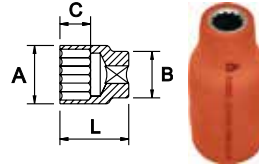
COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		Kg
79073	26	3/8		6-7-8-9-10-11-12-13-14-16-17-18-19-20-21-22-23-24	mm	51053 4,2

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73685	Carraca / Ratchet	1000V
18	74914, 74915, 74916, 74917, 74918, 74919, 74920, 74921, 74922, 74924, 74925, 74926, 74927, 74928, 74929, 74930, 74997, 74998	Vasos / Sockets	
	4	73291, 73292, 73293, 73295	
1	73281	Alargadera / Extension	1000V
2	73284, 73285	Adaptador / Adapter	

- 1/2"
- STANDARD
- MM
- 6 PT.



- 12 PT.



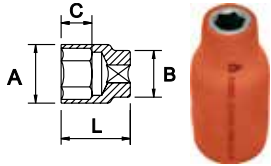
COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
74960	8		14		5,0		50	
74961	9		15					
74962	10		16		6,0			
74963	11		17		7,0			
74964	12		18	21	8,0		55	
74965	13		19					
74966	14		21					
74967	15		22		10		60	
74968	16	40	24	22			70	
74969	17		26	23				
74970	18		28	26				
74971	19		30		14		95	
74972	20		32					
74973	21		34		16		110	
74974	22		36		18		140	
74975	23		38	34	20		150	
74976	24		40		22		160	
74977	25		42	38	22		170	
74978	26	44	44				180	
74979	27		46				190	
74980	28		48				200	
74981	29	45	50				210	
74982	30		52					
74983	32		54					

COD.	AF mm	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73400	8		14		5,0		50	
73401	9		15					
73402	10		16		6,0			
73403	11		17		7,0			
73404	12		18	21	8,0		55	
73405	13		19					
73406	14		21					
73407	15		22		10		60	
73408	16	40	24	22			70	
73409	17		26	23				
73410	18		28	26				
73411	19		30		14		90	10
73412	20		32					
73413	21		34		16		95	
73414	22		36		18		110	
74991	23		38	34	20		140	
73416	24		40		22		150	
74992	25		42	38	22		160	
74993	26	44	44				170	
73417	27		46				180	
74994	28		48				190	
74995	29	45	50				200	
73420	30		52				210	
73421	32		54					

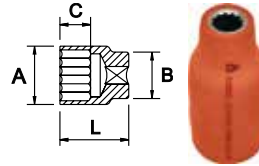
1000V | IEC 60900

1000V | IEC 60900

- 1/2"
- INCH
- 6 PT.



- 12 PT.



COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
75000	5/16		15				45	
75001	3/8		16				50	
75002	7/16		17				55	
75003	1/2		18	22	14		60	
75004	9/16		21				70	
75005	19/32		22				80	
75006	5/8						90	
75007	21/32	38	24	23	16		110	
75008	11/16			24			120	
75009	3/4		26	26		6	130	10
75010	25/32		28	28			140	
75011	13/16				20		145	
75012	7/8		30				160	
75013	15/16		32				170	
75014	31/32			30			180	
75015	1		36		24		180	
75016	1.1/16	42	38				180	
75017	1.1/8						180	
75018	1.3/16	45	40	31	28		200	
75019	1.1/4						200	

COD.	AF inch	L (mm)	A (mm)	B (mm)	C (mm)	Pt	g	
73491	5/16		15				45	
73492	3/8		16				50	
73493	7/16		17				55	
73494	1/2		18	22	14		60	
73495	9/16		21				70	
73496	19/32		22				80	
73497	5/8						90	
73498	21/32	38	24	23	16		110	
73499	11/16			24			120	
73500	3/4		26	26		12	130	10
75025	25/32		28	28			140	
73501	13/16			28	20		145	
73502	7/8		30				160	
73503	15/16		32				170	
75028	31/32			30			180	
75029	1		36		24		180	
75030	1.1/16	42	38				180	
75031	1.1/8						180	
75032	1.3/16	45	40	31	28		200	
75033	1.1/4						200	

⊕ 1000V | IEC 60900

⊕ 1000V | IEC 60900

# EGAMaster

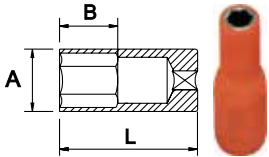
## ART IN INNOVATION

■ 1/2"

■ SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

■ MM

■ 6 PT.

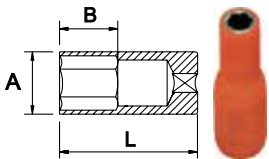


COD.	AP mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon
73430	10		17	9,0			
73431	11		18	11			
73432	12		19	12			
73433	13		21	12		140	
73434	14		22				
73435	15		23	15			
73436	16						
73437	17		24			150	
73438	18		26			180	
73439	19	75	28	18	6	200	10
73440	21		30			250	
73441	22		32	21		280	
73442	23		34	24			
73443	24		36			370	
75205	26		38	27		430	
75206	27		40	30		450	
75207	28		42	30		500	
75208	29						
75209	30						
75210	32						

⊕ 1000V | IEC 60900

■ INCH

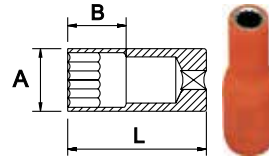
■ 6 PT.



COD.	AP inch	L (mm)	A (mm)	B (mm)	Pt	g	Icon
73378	3/8		17	6,0			
73379	7/16		19	7,0			
73380	1/2		20	8,0		140	
73381	9/16		22	10			
73382	5/8		24	15	6	150	10
73383	11/16	75	26	18		170	
73384	3/4		28	18		200	
73385	13/16		30	21		250	
73386	7/8		32	24		290	
73387	15/16						

⊕ 1000V | IEC 60900

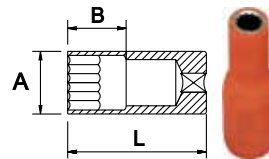
■ 12 PT.



COD.	AP mm	L (mm)	A (mm)	B (mm)	Pt	g	Icon
75180	10		17	9,0			
75181	11		18	11			
75182	12		19	12			
75183	13		21	12		140	
75184	14		22				
75185	15		23	15			
75186	16						
75187	17		24			150	
75188	18		26			180	
75189	19	75	28	18	12	200	10
75191	21		30			250	
75192	22		32	21		280	
75193	23		34	24			
75194	24		36			370	
75195	26		38	27		430	
75196	27		40	30		450	
75197	28		42	30		520	
75198	29						
75199	30						
75200	32						

⊕ 1000V | IEC 60900

■ 12 PT.



COD.	AP inch	L (mm)	A (mm)	B (mm)	Pt	g	Icon
75215	3/8		17	6,0			
75216	7/16		19	7,0			
75217	1/2		20	8,0		140	
75218	9/16		22	10			
75219	5/8		24	15	6	150	10
75220	11/16	75	26	18		170	
75221	3/4		28	18		200	
75222	13/16		30	21		250	
75223	7/8		32	24		290	
75224	15/16					330	
75225	1		36	24		380	
75226	1.1/16		38			410	
75227	1.1/8						

⊕ 1000V | IEC 60900

## 1/2"

**LLAVE DE CARRACA REVERSIBLE / REVERSIBLE RATCHET HANDLE / CLÉ À CLIQUET RÉVERSIBLE / UMSCHALTKNARRE / CHIAVE A CRICCO REVERSIBILE / ROQUETE REVERSIVEL / РЕВЕРСИВНАЯ ТРЕЩЕТКА**

COD.	AF inch	L (mm)	g		
<b>73683</b>	1/2	235	645	6	•



**ALARGADERA / EXTENSION / RALLONGE / VERLÄNGERUNG / PROLUNGA / EXTENÇÃO / УДЛИНИТЕЛЬ**

COD.	AF inch	L (mm)	g		
<b>73445</b>	1/2	125	260	5	•
<b>73446</b>		250	360		



**MANGO EN T / T HANDLE / POIGNÉE T / T-GRIFF / IMPUGNATURA A T / PUNHO DE T / Т-ОБРАЗНАЯ РУКОЯТКА**

COD.	AF inch	L (mm)	g		
<b>73448</b>	1/2	200	600	6	•



**PUNTA ATORNILLADORA CON VASO / SOCKET BITS / EMBOUTS DE VISSAGE AVEC DOUILLE / STECKSCHLÜSSELEINSATZ / INSERTI A BUSSOLA / ONTAS APARAFUSADORAS COM CAIXA / ГОЛОВКИ-БИТЫ**
**HEXAGONAL / HEXAGONAL / HEXAGONALE / HEXAGONAL / ESAGONALE / HEXAGONAL / ШЕСТИГРАННАЯ**

COD.	AF mm	g	
<b>73455</b>	4	75	
<b>73456</b>	5		
<b>73457</b>	6		
<b>73458</b>	7	80	
<b>73459</b>	8	85	
<b>73460</b>	9	90	
<b>73461</b>	10	95	10
<b>73462</b>	11		
<b>73463</b>	12		
<b>73464</b>	13	135	
<b>73465</b>	14		
<b>73468</b>	17	160	



**ADAPTADOR / ADAPTER / АДАПТАТЕУР / VERBINDUNGSTEILE / ADATTATORE / REDUTOR / АДАПТОР**

COD.	AF inch	AF inch	g		
<b>73286</b>	1/2-1/4		80	5	•
<b>73449</b>	1/2-3/8				




1/2"

JUEGOS LLAVES DE VASO / SOCKET WRENCHES SETS / SETS DOUILLES / WERKZEUGSÄTZE FÜR STECKSCHLÜSSEL / KIT BUSSOLE DOPPEN / JOGOS CHAVES DE CAIXA / НАБОР ГОЛОВКИ

10 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
79074	10	1/2	8-10-13-17-18-19-21-22	mm	51053	3

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
8	73400, 73402, 73405, 73409, 73410, 73411, 73413, 73414	Vasos / Sockets	1000V
1	73445	Alargadera / Extension	

12 PCS.

STANDARD



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		
79479	12	1/2	1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1	inch	51053	3,2

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
2	73445, 73446	Alargadera / Extension	1000V
9	73494, 73495, 73497, 73499, 73500, 73501, 73502, 73503, 75029	Vasos / Sockets	

14 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
79075	14	1/2	8-9-10-11-12-13-14-17-19-21-22-23	mm	51053	3,5

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
12	73400, 73401, 73402, 73403, 73404, 73405, 73406, 73409, 73411, 73413, 73414, 74991	Vasos / Sockets	1000V
1	73445	Alargadera / Extension	

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ



COD.	PCS.	AF inch	AF inch	Medidas en / Sizes in / Mesures en		
79480	12	1/2	1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1 (Serie larga) / (Long pattern) / (Série longue)	inch	51054	6,6

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
2	73445, 73446	Alargadera / Extension	1000V
9	75217, 75218, 75219, 75220, 75221, 75222, 75223, 75224, 75225	Vasos (S.L.) / (L.S.) Sockets	



1/2"

15 PCS.

SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ

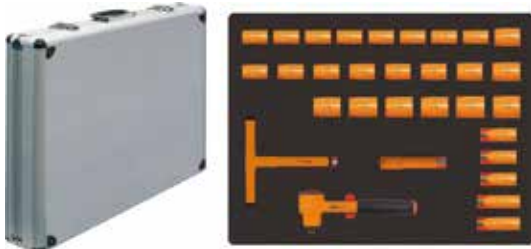


COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>79076</b>	15	1/2		10-12-13-14-15-16-17-18-19-21-22-23-27 (Serie larga) / (Long pattern) / (Série longue)	mm	51054 7

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
13	75180, 75182, 75183, 75184, 75185, 75186, 75187, 75188, 75189, 75191, 75192, 75193, 75196	Vasos (S.L.) / (L.S.) Sockets	1000V
1	73446	Alargadera / Extension	

31 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>79077</b>	31	1/2		8-9-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32	mm	51054 10

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
23	73400, 73401, 73403, 73404, 73405, 73406, 73407, 73408, 73409, 73410, 73411, 73412, 73413, 73414, 74991, 73416, 74992, 74993, 73417, 74994, 74995, 73420, 73421	Vasos / Sockets	1000V
5	73459, 73461, 73463, 73465, 73468	Boquilla hexagonal / Hexagonal sockets	8-10-12-14-17 mm - 1000V
1	73445	Alargadera / Extension	1000V
1	73448	Mango en T / T Handle	

18 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>73017</b>	18	1/4		6-7 (1/4"); 8-9-10-11-12-13-14-16-17-18-19-21-23	mm	51053 3

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
2	73445	Alargadera / Extension	
15	73232, 73233		1000V
15	73400, 73401, 73402, 73403, 73404, 73405, 73406, 73408, 73409, 73410, 73411, 73413, 74991	Vasos / Sockets	
1	73286	Adaptador / Adapter	1/2"-1/4"

32 PCS.

STANDARD



COD.	PCS.	AF inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>73016</b>	32	1/2		8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32	mm	51053 7,3

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
1	73445	Alargadera / Extension	
24	73400, 73401, 73402, 73403, 73404, 73405, 73406, 73407, 73408, 73409, 73410, 73411, 73412, 73413, 73414, 74991, 73416, 74992, 74993, 73417, 74994, 74995, 73420, 73421	Vasos / Sockets	1000V
5	73459, 73461, 73463, 73465, 73468	Boquilla hexagonal / Hexagonal sockets	8-10-12-14-17 mm - 1000V

- 1/2"
- 37 PCS.
- **SERIE LARGA / LONG SOCKET / SÉRIE LONGUE / LANGE SERIE / SERIE LUNGA / SERIE LONGA / ВЫСОКАЯ СЕРИЯ**



COD.	PCS.	AF 1/2" inch	AF mm	Medidas en / Sizes in / Mesures en		
<b>79078</b>	37	1/2		8-9-11-12-13-14-15-16- 17-18-19-20-21-22-23- 24-25-26-27-28-29-30- 32 (10-13-17-19 (Serie larga)) / (Long pattern) / (Série longue)	mm	51054 10,2

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
1	73683	Carraca / Ratchet	
23	73400, 73401, 73403, 73404, 73405, 73406, 73407, 73408, 73409, 73410, 73411, 73412, 73413, 73414, 74991, 73416, 74992, 74993, 73417, 74994, 74995, 73420, 73421	Vasos / Sockets	1000V
4	73430, 73433, 73437, 73439	Vasos (S.L.) / (L.S.) Sockets	
1	73449	Adaptador / Adapter	1/2"-3/8" - 1000V
6	73457, 73459, 73462, 73463, 73464, 73465	Boquilla hexagonal / Hexagonal sockets	6-8-11-12-13-14 mm - 1000V
1	73445	Alargadera / Extension	1000V
	73448	Mango en T / T Handle	




# EGGA Master

## ART IN INNOVATION

**GUANTES AISLANTES / INSULATING GLOVES / GANTS ISOLANTS / SCHUTZHANDSCHUHE, ISOLIERT / GUANTI ISOLATE / LUVAS ISOLADAS / ИЗОЛЯЦИОННЫЕ ПЕРЧАТКИ**

Resistente a: / Resistant to: / Résistance à:	
<b>A</b>	Ácido / Acid / Acide
<b>Z</b>	Ozono / Ozone / Ozone
<b>H</b>	Aceite / Oil / Huile
<b>C</b>	Muy baja temperatura / Extremely low temperature / Très basse température
<b>R</b>	A+Z+H


COD.	Clase / Class / Classe	Tensión de prueba (V) / Proof test voltage (V) / Tension d'essai (V)	Tensión de uso (V) / Use voltage (V) / Tension d'utilisation (V)	Tensión de resistencia (V) / Resistance voltage (V) / Tension de résistance (V)	L (mm)	Talla / Size / Taille	Categoría / Category / Catégorie	
73746						7		
73539						8		
73540	00	2.500	500	5.000		9		150
73541						10		
73542						11		
73748						7		
73553						8	AZC	
73554	0	5.000	1.000	10.000		9		250
73555						10		
73556						11		
73557					360	8		
73558	1	10.000	7.500	20.000		9		350
73559						10		
73560						11		
73561						8		
73562	2	20.000	17.000	30.000		9		500
73563						10		
73564						11		
73565						8		
73566	3	30.000	26.500	40.000		9	RC	700
73567						10		
73568						11		
73569						9		
73570	4	40.000	36.000	50.000	410	10		850
73571						11		


**CE 1000V** | IEC-EN 60903

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Almacenaje / Storage / Emballage	Los guantes se deberán almacenar en su empaquetado original a una temperatura ambiente entre +5° y +35°C, en un lugar seco y oscuro, sin exposición directa a la luz solar, artificial u otras fuentes de ozono. / Gloves should be stored in their original package at a temperature between +5°C and +35°C in a dark and dry place, not exposed to direct sunlight, artificial light or sources of ozone. / Les gants devront être gardés dans leur emballage d'origine à une température ambiante comprise entre +5°C et +35°C, dans un lieu sec et obscur, sans exposition directe au rayon du soleil, à la lumière artificielle ou toutes autres sources d'ozone.
Inspección / Inspection / Inspection	Antes de cada uso, llevar a cabo una inspección visual y comprobar el guante inflándolo para detectar posibles daños. Cualquier punción o perforación lo hace inutilizable. / Before each use, make a visual inspection and inflate the glove to detect possible damages. Any hole or perforation makes it unusable. / Avant chaque utilisation, réalisez une inspection visuelle et testez le gant en le gonflant afin de détecter d'éventuels dommages. Toute ponction ou perforation rend le gant inutilisable.
Limpieza / Cleaning / Nettoyage	Usar agua y jabón para limpiarlos. / Use water and soap to clean them. / Utiliser de l'eau et du savon pour le nettoyer.
Comprobación / Verification / Vérification	Se recomienda comprobar todos los guantes aislantes cada seis meses. / Testing the insulating gloves every six months is advisable. / Il est recommandé de tester les gants isolants tous les six mois.

**SOBREGUANTES DE CUERO / LEATHER OVERGLOVES / SURGANTS CUIR / LEDER ÜBERHANDSCHUHE / SOPRAGUANTI IN PELLE / SOBRE-LUVA DE COURO / ЗАЩИТНЫЕ НАКЛАДНЫЕ ПЕРЧАТКИ КОЖАНЫЕ**

COD.	L (mm)	Clase / Class / Classe	Talla / Size / Taille	Válido para / Valid for / Valable pour	
57121	280	00 (7)   0 (7)	7	73746, 73748	175
57122	290	00 (8)   00 (9)   0 (8)   0 (9)	8   9	73539, 73540, 73553, 73554	
57123	300	00 (10)   0 (10)   1 (8)   1 (9)   2 (8)   2 (9)	8   9   10	73541, 73555, 73557, 73558, 73561, 73562	
57124	310	00 (11)   0 (11)   1 (10)	10   11	73559, 73542, 73556	
57125	330	1 (11)   2 (10)   3 (8)   3 (9)   4 (9)	8   9   10   11	73560, 73563, 73565, 73566, 73569	
57144	340	2 (11)   3 (10)   4 (10)	10   11	73564, 73567, 73570	
57145	350	3 (11)   4 (11)	11	73568, 73571	


IEC-EN 60903

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Para su uso sobre los guantes aislantes con el fin protegerlos de los riesgos mecánicos, y si fuere el caso contra los riesgos de arco eléctrico. / Designed for its use over insulating gloves to protect against mechanical risks and, when necessary, against electric arc risks. / Pour les porter sur les gants isolants afin de les protéger des risques mécaniques et le cas échéant contre les risques d'arc électrique.


**GUANTES AISLANTES COMPOSITE / COMPOSITE INSULATING GLOVES / GANTS ISOLANTS COMPOSITES / KOMPOZIT ISOLIERHANDSCHUHE / GUANTI ISOLATI IN COMPOSITO / LUVAS ISOLANTES COMPOSITE / ИЗОЛИРУЮЩИЕ ПЕРЧАТКИ КОМПОЗИТНЫЕ**

	Resistente a: / Resistant to: / Résistance à:
A	Ácido / Acid / Acide
Z	Ozono / Ozone / Ozone
H	Aceite / Oil / Huile
C	Muy baja temperatura / Extremely low temperature / Très basse température
R	A+Z+H

COD.	Clase / Class / Classe	Tensión de prueba (V) / Proof test voltage (V) / Tension d'essai (V)	Tensión de uso (V) / Use voltage (V) / Tension d'utilisation (V)	Tensión de resistencia (V) / Resistance voltage (V) / Tension de résistance (V)	L (mm)	Talla / Size / Taille	Categoría / Category / Catégorie	
79734	0	5.000	1.000	10.000	410	7	RC	600
79735						8		
79736						9		
79737						10		
79738						11		
79739	12							
79740	1	10.000	7.500	20.000	410	8	RC	650
79741						9		
79742						10		
79743						11		
79744						12		
79745	2	20.000	17.000	30.000	410	8	RC	700
79746						9		
79747						10		
79748						11		
79749						12		
79750	3	30.000	26.500	40.000	410	8	RC	800
79751						9		
79752						10		
79753						11		
79754						12		
79755	4	40.000	36.000	50.000	410	8	RC	1100
79756						9		
79757						10		
79758						11		
79759						12		


**CE 1000V** | IEC-EN 60903

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

 Protección eléctrica y mecánica / *Electrical and mechanical protection* / Protection électrique et mécanique

**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

Almacenaje / <i>Storage</i> / Emballage	Los guantes se deberán almacenar en su empaquetado original a una temperatura ambiente entre +5° y +35°C, en un lugar seco y oscuro, sin exposición directa a la luz solar, artificial u otras fuentes de ozono. / <i>Gloves should be stored in their original package at a temperature between +5°C and +35°C in a dark and dry place, not exposed to direct sunlight, artificial light or sources of ozone.</i> / Les gants devront être gardés dans leur emballage d'origine à une température ambiante comprise entre +5°C et +35°C, dans un lieu sec et obscur, sans exposition directe au rayon du soleil, à la lumière artificielle ou toutes autres sources d'ozone.
Inspección / <i>Inspection</i> / Inspection	Antes de cada uso, llevar a cabo una inspección visual y comprobar el guante inflándolo para detectar posibles daños. Cualquier punción o perforación lo hace inutilizable. / <i>Before each use, make a visual inspection and inflate the glove to detect possible damages. Any hole or perforation make it useless.</i> / Avant chaque utilisation, réalisez une inspection visuelle et testez le gant en le gonflant afin de détecter d'éventuels dommages. Toute ponction ou perforation rend le gant inutilisable.
Limpieza / <i>Cleaning</i> / Nettoyage	Usar agua y jabón para limpiarlos. / <i>Use water and soap to clean them.</i> / Utiliser de l'eau et du savon pour le nettoyer.
Comprobación / <i>Verification</i> / Vérification	Se recomienda comprobar todos los guantes aislantes cada seis meses. / <i>Testing the insulating gloves every six months is advisable.</i> / Il est recommandé de tester les gants isolants tous les six mois.

**ACCESORIOS / ACCESORIES / ACCESSOIRES / ERSATZTEILE / ACCESSORI / ACCESSORIOS / ЗАПАСНЫЕ ЧАСТИ**
**CAJAS DE TRANSPORTE / TRANSPORT BOXES / CAISSES DE TRANSPORT / TRANSPORTKISTEN / ASTUCCIO PER IL TRASPORTO / CAIXAS DE TRANSPORTE / КЕЙСЫ ДЛЯ ТРАНСПОРТИРОВКИ**


COD.	L x W x H (mm)	
<b>58918</b>	500x250x100	1100

COD.	L x W x H (mm)	
<b>58919</b>	500x250x100	1100


**ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES**

 Accesorios incluidos / *Accessories Included* / Accessoires inclus Bote de talco / *Talc Bottle* / Talc en flacon

**MANTENIMIENTO / MAINTENANCE / MAINTENANCE / INSTANDHALTUNG / MANTENIMENTO / MANUTENÇÃO / ОБСЛУЖИВАНИЕ**
**LIMPIADOR PARA GUANTES Y ALFOMBRAS AISLANTES / CLEANER FOR GLOVES AND INSULATING CARPETS / NETTOYANT POUR GANTS ET TAPIS ISOLANTS / REINIGER FÜR HANDSCHUHE UND ISOLIERTE TEPPICHE / PULITORE PER GUANTI E TAPPETI ISOLATI / PRODUTO DE LIMPEZA PARA LUVAS E TAPETES ISOLANTES / ОЧИСТИТЕЛЬ ДЛЯ РУКАВИЦ**

COD.	CAP. (ml)	
<b>58920</b>	750	750





### TESTER PARA GANTES / GLOVE TESTER / TESTEUR POUR GANTS / HANDSCHUH-PRÜFER / TESTER PER GUANTI / TESTER PARA LUVAS / ПНЕВМАТИЧЕСКИЙ ТЕСТЕР ДЛЯ РУКАВИЦ

COD.	Clase / Class / Classe	Kg
73490	Clase 00-Class 0 / Class 00-Class 0 / Classe 00-Class 0	0,6



#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

El tester neumático solamente es apto para su uso con guantes de bajo voltage (clase 00 & clase 0) / The pneumatic tester can be only used for the low voltage gloves (class 00 and class 0) / Le testeur pneumatique est seulement utilisable avec des gants basse tension (classe 00 et classe 0)

### ALFOMBRAS AISLANTES / INSULATING CARPETS / TAPIS ISOLANTS / ISOLIERTEPPISCH / TAPPETO ISOLATO / TAPETES ISOLANTES / ДИЭЛЕКТРИЧЕСКИЙ КОВРИК

#### IEC-EN 60243-1

COD.	mm	L x W (mm)	Resistencia dieléctrica (kV) / Dielectric Resistance (kV) / Résistance diélectrique (kV)	Kg	
73505	3	600 x 600	30	1,4	1
73506		1000 x 600		2,3	
73507		5000 x 600		12	
73508		10000 x 600		23	
73514		1000 x 1200		4,7	
73515		2000 x 1200		9,5	
73516		5000 x 1200		23	
73517		10000 x 1200		47	
73518	4,5	1000 x 600	50	3,1	
73519		5000 x 600		15	
73520		10000 x 600		31	
73521		1000 x 1200		5,0	
73522		5000 x 1200		26	
73524		10000 x 1200		60	



#### 1000 V | IEC-EN 60243-1

#### IEC-EN 61111

COD.	mm	L x W (mm)	Resistencia dieléctrica (kV) / Dielectric Resistance (kV) / Résistance diélectrique (kV)	Kg	
79899	3,2	600 X 600	26,5	1,8	1
79927		600 X 1000		3	
79944		600 X 5000		15	
79945		600 X 10000		30	
79948		1200 X 1000		6	
79949		1200 X 2000		12	
79958		1200 X 5000		30	
79959		1200 X 10000		60	
79970	5	600 X 1000	36	4,5	
79975		600 X 5000		23	
79976		600 X 10000		47	
79977		1200 X 1000		9,5	
79978		1200 X 5000		47	
79979		1200 X 10000		94	



#### 1000 V | IEC-EN 61111

### MANTAS AISLANTES / INSULATING BLANKETS / COUVERTURES ISOLANTES / ISOLIERENDE DECKEN / TAPPETI ISOLANTI / MANTAS ISOLANTES / ИЗОЛИРУЮЩАЯ ТКАНЬ

COD.	mm	LxW (mm)	Resistencia dieléctrica (kV) / Dielectric Resistance (kV) / Résistance diélectrique (kV)	g	
79801	0,3	470x350	1	125	1
79799		600x460		150	
79800		600x600		175	
79802		1000x600		220	
79803		1000x1200		295	
79804		2000x1200		460	
79805		5000x1200		900	
79806		10000x1200		1600	



#### 1000 V | IEC-EN 61112



### ■ DESTORNILLADORES / SCREWDRIVERS / TOURNEVIS / HANDSCHRAUBER / CACCIAVITI / CHAVES DE FENDA / ОТВЕРТКИ



El aislamiento de la varilla de los destornilladores 1.000V de EGA Master, ha sido especialmente diseñado para acceder a espacios más reducidos gracias a su aislamiento conico, que le provee de un menor espesor en la punta.

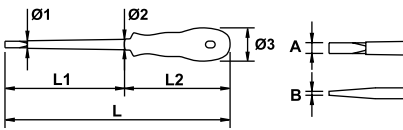
The insulation of EGA Master screwdrivers' bars has been specially designed to allow access to the smallest spaces, as the insulation is made in taper shape (conical), which provides less diameter close to the tip.

L'isolement de la lame des tournevis 1000V d'EGA Master, il a été spécialement conçu pour accéder à des espaces plus réduits grâce à son isolement conique, qui lui octroie une plus petite épaisseur sur la pointe.

### ■ MASTERTORK

### ■ ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTRICISTI / ELETRICISTA / ЭЛЕКТРИЧЕСКАЯ

### ■ MM

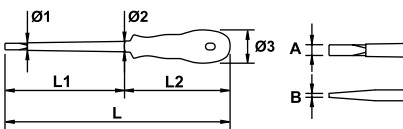


COD.	A (mm)	B (mm)	Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)			
76620	2,5	0,4				160	75				
76621	3	0,5	4,4	6,1	26	185	100	85	16		●
76734	3,5	0,6									
76622	4	0,8	5,4	7		230	125	105	8	●	●
76623	5,5	1	6,4	8,8	34	255	150	115			●
76624	6,5	1,2	8,4	11	36	265	175	130	6		
76625	8	1,6	9,4	12,3	40	305	200	130	6		
76626	8	1,2	9,4	12,3	40	305	175	130	6		
76627	10	1,6	11,4	15	40	330	200	130	6		



1000V | IEC 60900 | DIN ISO 2380 | Modelo registrado / Registered model / Modèle enregistré

### ■ INCH

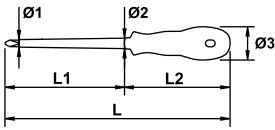


COD.	A (inch)	B (inch)	Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (inch)	L2 (mm)			
75063	3/32	0,016				160	3				
75064	1/8	0,02	4,4	6,1	26	185	4	85	16		●
75065	5/32	0,032	5,4	7		230	5	105	8		
75066	7/32	0,04	6,4	8,8	34	255	6	115		●	
75067											
75068	1/4	0,046	8,4	11	36	265	7	130	6		
75069	5/16	0,063	9,4	12,3	40	305	8	130	6		
75081	25/64	0,063	11,4	15	40	330	8	130	6		



1000V | IEC 60900 | DIN ISO 2380 | Modelo registrado / Registered model / Modèle enregistré

## PHILLIPS®\*

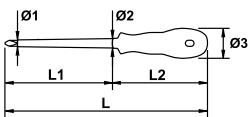


COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)			
<b>76628</b>	PH-0	4,4	5	26	145	60	85	16		
<b>76738</b>	PH-1	6,4	7,6	34	185	80	105	8		
<b>76629</b>		205	100							
<b>76630</b>	PH-2	7,4	9,6	36	240	125	115			
<b>76631</b>	PH-3	9,4	12,3	40	280	150	130	6		
<b>76632</b>	PH-4	9,4	12,3	40	330	200	130			



1000V | IEC 60900 | DIN ISO 8764 | Modelo registrado / Registered model / Modèle enregistré

**PLANO-PHILLIPS®\* PARA BORNES ELÉCTRICOS / SLOTTED-PHILLIPS®\* FOR TERMINAL SCREWS / PHILLIPS®\*-À FENTE POUR BORNES ÉLECTRIQUES / SCHLITZ-PHILLIPS®\* SCHRAUBENDREHER FÜR SCHRAUBKLEMMEN / TAGLIO-PHILLIPS®\*PER TERMINALI ELETTRICI / FENDA-PHILLIPS®\* PARA BORNES ELÉCTRICOS / ОТВЕРТКА КРЕСТОВАЯ КЛЕМНАЯ PH**

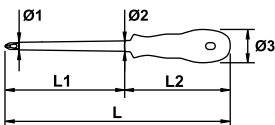


COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
<b>79163</b>		PH-1	6,4	7,6	34	205	100	105	8
<b>79164</b>		PH-2	7,4	9,6	36	240	125	115	6



1000V | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

## POZIDRIV®\*



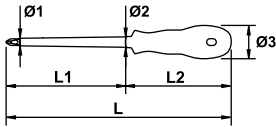
COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)			
<b>76633</b>	PZ-0	4,4	5	26	145	60	85	16		
<b>76634</b>	PZ-1	6,4	7,6	34	205	100	105	8		
<b>76635</b>		240	125	115						
<b>76636</b>	PZ-3	9,4	12,3	40	280	150	130	6		
<b>76637</b>	PZ-4	9,4	12,3	40	330	200	130			



1000V | IEC 60900 | DIN ISO 8764 | Modelo registrado / Registered model / Modèle enregistré

\*Para tornillos PHILLIPS® (Marca registrada por Phillips Screw Company) / \*For screws PHILLIPS® (Phillips Screw Company registered trademark) / \*Pour vis PHILLIPS® (Marque enregistrée par Phillips Screw Company)  
 \*Para tornillos POZIDRIV® (Marca registrada por European Ind. Serv. Ltd.) / \*For screws POZIDRIV® (European Ind. Serv. Ltd. registered trademark) / \*Pour vis POZIDRIV® (Marque enregistrée par European Ind. Serv. Ltd.)

**PLANO-POZIDRIV® PARA BORNES ELÉCTRICOS / SLOTTED-POZIDRIV® FOR TERMINAL SCREWS / POZIDRIV® -À FENTE POUR BORNES ÉLECTRIQUES / SCHLITZ-POZIDRIV® SCHRAUBENDREHER FÜR SCHRAUBKLEMMEN / TAGLIO-POZIDRIV® PER TERMINALI ELETTRICI / FENDA-POZIDRIV® PARA BORNES ELÉCTRICOS / ОТВЕРТКА КРЕСТОВАЯ POZIDRIV®**

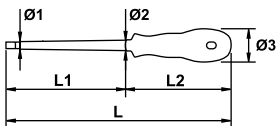


COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
<b>79165</b>	PZ-1	6,4	7,6	34	205	100	105	8	
<b>79166</b>	PZ-2	7,4	9,6	36	240	125	115	6	



**1000V** | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

### TORX®

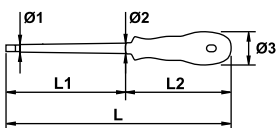


COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
<b>76638</b>	T-6		8						
<b>76639</b>	T-7		8		135	50			
<b>76640</b>	T-8	4,4		26			85		
<b>76641</b>	T-9		5				16		
<b>76642</b>	T-10				160	75			
<b>76643</b>	T-15				180				
<b>76644</b>	T-20	5,8	8		205	100	105		
<b>76645</b>	T-25	6,4							
<b>76646</b>	T-27				220	115		8	
<b>76647</b>	T-30	7,4	9,6		240	125	115		
<b>76648</b>	T-40	8,7			255				
<b>76649</b>	T-45	9,4	12,3	40	280	150	128	6	
<b>76650</b>	T-50	11,4	15		305	175			



**1000V** | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré




### TAMPER TORX



COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
<b>75037</b>	TT-6		8						
<b>75038</b>	TT-7		8		135	50			
<b>75039</b>	TT-8	4,4		26			85		
<b>75040</b>	TT-9		5				16		
<b>75041</b>	TT-10				160	75			
<b>75042</b>	TT-15				180				
<b>75043</b>	TT-20	5,8	8		205	100	105		
<b>75044</b>	TT-25	6,4							
<b>75045</b>	TT-27				220	115		8	
<b>75046</b>	TT-30	7,4	9,6		240	125	115		
<b>75047</b>	TT-40	8,7			255				
<b>75048</b>	TT-45	9,4	12,3	40	280	150	128	6	



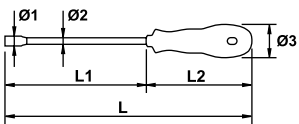
• \*Para tornillos POZIDRIV® (Marca registrada por European Ind. Serv. Ltd.) / \*For screws POZIDRIV® (European Ind. Serv. Ltd. registered trademark) / \*Pour vis POZIDRIV® (Marque enregistrée par European Ind. Serv. Ltd.)  
 • \*Para tornillos TORX® (Marca registrada por Acument Intellectual Properties, LLC, Troy, Mich., US) / \*For screws TORX® (Acument Intellectual Properties, LLC, Troy, Mich., US registered trademark) / \*Pour vis TORX® (Marque enregistrée par Acument Intellectual Properties, LLC, Troy, Mich., US)




COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
<b>75049</b>	TT-50	11,4	15	40	305	175	128	6	•

  1000V | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

■ DE VASO / SOCKET SCREWDRIVER / CLÉ À DOUILLE EMMANCHÉE / 6-KANT STECKSCHLÜSSEL / BUSSOLE / DE CAIXA / ОТВЕРТКА С ГОЛОВКОЙ

■ MM

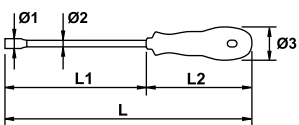





COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
<b>74698</b>	4								
<b>74699</b>	5	11	7,5	34	255	150	105	8	
<b>74700</b>	5,5								
<b>74701</b>	6				275	160			
<b>74702</b>	7	12,5	8,5	36	290		115		
<b>74703</b>	8								•
<b>74704</b>	9	16	10,5						
<b>74705</b>	10							6	
<b>74706</b>	11			40	305	175	130		
<b>74707</b>	12	19							
<b>74708</b>	13		11,5						
<b>74709</b>	14	21							



  1000V | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

■ INCH









COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (inch)	L2 (mm)		
<b>75132</b>	5/32								
<b>74984</b>	3/16	11	7,5	34	255	6	105	8	
<b>75133</b>	7/32								
<b>74985</b>	1/4	12,5	8,5	36	275		115		
<b>74986</b>	5/16								•
<b>74987</b>	3/8	16	10,5						
<b>75136</b>	25/64			40	305	7	130	6	
<b>74988</b>	7/16	19							
<b>75138</b>	15/32		11,5						
<b>74989</b>	1/2	21							



  1000V | IEC 60900 | Modelo registrado / Registered model / Modèle enregistré

MM

COD.						
74664	9	11	130	115	6	•
74665	10					



  1000V | IEC 60900

**DESTORNILLADOR PORTAPUNTAS MAGNÉTICO / MAGNETIC BITHOLDER SCREWDRIVER / TOURNEVIS PORTE-EMBOUS MAGNÉTIQUE / MAGNETISCHER BITHALTER-SCHRAUBENDREHER / CACCIAVITE PORTA INSERTI MAGNETICOM / CHAVE PORTA PONTAS MAGNETICO / ОТВЕРТКА С МАГНИТНЫМ БИТОДЕРЖАТЕЛЕМ**

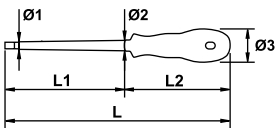
COD.		L (mm)			
76737	1/4	210	120	6	•






  1000V | IEC 60900

HEXAGONAL ALLEN

MM

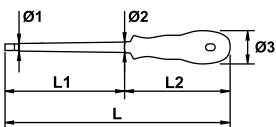





COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
74710	2,5	4,4	6		160	75		16	
74711	3			26			85		
74712	4	5,8	8		185	100		8	•
74713	5	6,4			205		105		
74714	6	7,8	11,2	34	230	125		6	
74715	8	9,8	13,4	40	280	150	130		-



  1000V | ICE 60900 | Modelo registrado / Registered model / Modèle enregistré

INCH



COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (inch)	L2 (mm)		
75083	1/8	4,4	6		160	3		16	
75084	5/32	5,8		26			85		
75131	13/64	6,4	8		205	4		8	•
75097	5/16	9,8	13,4	40	280	6	130	6	-

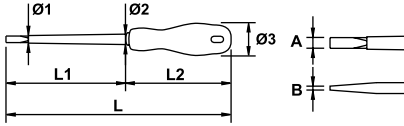


  1000V | ICE 60900 | Modelo registrado / Registered model / Modèle enregistré

### ■ ROTORK

### ■ ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETRICISTI / ELETRICISTA / ЭЛЕКТРИЧЕСКАЯ

### ■ MM

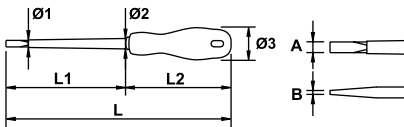


COD.	A (mm)	B (mm)	Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)			
76730	2,5	0,4	4,4	6,1	22	135	60	75	16		●
76731	3	0,5				175	100				●
76651											
76652	4	0,8	5,4	7		230	125				●
76653	5,5	1	6,4	8,8	31	255	150	105	8	●	●
76654	6,5	1,2	7,8	11							
76732	8		9,4	12,3		290	175				-
76733	10	1,6	11,4	15	35	315	200	115	6		
76125	12	2	13,5	16,5		318		118			

1000V | IEC 60900 | DIN ISO 2380



### ■ INCH

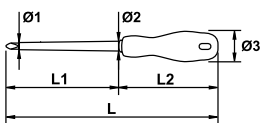


COD.	A (inch)	B (inch)	Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (inch)	L2 (mm)			
75172	3/32	0,016	4,4	6,1	22	135	2	75	16		
75175	5/32	0,032	5,4	7		230	5				
75176	3/16	0,04	6,4	8,8	31	255	6	105	8		●
75177	1/4		7,8	11							
75178	5/16	0,046	9,4	12,3		290	7		6		
75179	25/64	0,063	11,4	15	35	315	8	115			

1000V | IEC 60900 | DIN ISO 2380



### ■ PHILLIPS®\*



COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)			
76655	PH-0	4,4	5	22	135	60	75	16		●
76656	PH-1	6,4	8	31	205	100	105	8	●	●
76657	PH-2	7,4	9,6		230	125				
76658	PH-3	9,4	12,3	35	268	150	118	6		
76735	PH-4				318	200				

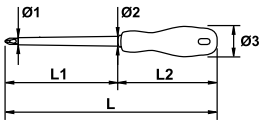
1000V | IEC 60900 | DIN ISO 8764




\*Para tornillos PHILLIPS® (Marca registrada por Phillips Screw Company) / \*For screws PHILLIPS® (Phillips Screw Company registered trademark) / \*Pour vis PHILLIPS® (Marque enregistrée par Phillips Screw Company)



### POZIDRIV®\*



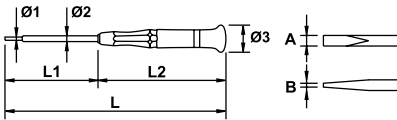
COD.			Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
76659	-	PZ-0	4,4	5	22	135	60	75	16	
76660		PZ-1	6,4	8	31	205	100	105	8	
76661		PZ-2	7,4	9,6	35	230	125	118	6	●
76662		PZ-3	9,4	12,3	35	268	150	118	6	
76736	-	PZ-4	9,4	12,5	35	318	200	118	6	



  1000V | IEC 60900 | DIN ISO 8764

### MICROTRONIC

### ELECTRICISTA / ELECTRICIAN / ELECTRICIEN / ELEKTRIKER / PER ELETTICISTI / ELETRICISTA / ЭЛЕКТРИЧЕСКАЯ

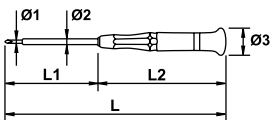


COD.	A (mm)	B (mm)	Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
75156	1,5	0,23	1,5	3,1		140	40			
75157	1,8	0,3	1,8	3,4		160	60	100	10	●
75158	2	0,4	2	3,6	19	175	75			
75159	2,5		2,5	4,1						
75201	3	0,5	3	4,6						



  1000V | IEC 60900 | DIN ISO 2380

### PHILLIPS®\*



COD.		Ø 1 (mm)	Ø 2 (mm)	Ø 3 (mm)	L (mm)	L1 (mm)	L2 (mm)		
75202	PH-00	2,5	4,1	19	175	75	100	10	●
75203	PH-0	3	4,6	19	175	75	100	10	●



  1000V | IEC 60900 | DIN ISO 8764

\*Para tornillos PHILLIPS® (Marca registrada por Phillips Screw Company) / \*For screws PHILLIPS® (Phillips Screw Company registered trademark) / \*Pour vis PHILLIPS® (Marque enregistrée par Phillips Screw Company)  
 \*Para tornillos POZIDRIV® (Marca registrada por European Ind. Serv. Ltd.) / \*For screws POZIDRIV® (European Ind. Serv. Ltd. registered trademark) / \*Pour vis POZIDRIV® (Marque enregistrée par European Ind. Serv. Ltd.)

■ EXPOSITORES Y SETS / *DISPLAYS AND SETS* / PRESENTOIRS ET SETS / *STÄNDER* / ESPOSITORI / *DISPLAY STAND* / СТЕНДЫ

■ MASTERTORK

■ 4 PCS.



COD.	PCS.	
<b>76676</b>	4	A
<b>76677</b>		B

PCS.	COD.	PCS.	
1	76628	PH0	
	76629	PH1	
	76630	PH2	
	76631	PH3	

COD.	PCS.	
<b>76664</b>	4	A
<b>76665</b>		B

PCS.	COD.	PCS.	
1	76633	PZ0	
	76634	PZ1	
	76635	PZ2	
	76636	PZ3	

■ 5 PCS.



COD.	PCS.	
<b>76667</b>	5	A
<b>76668</b>		B

PCS.	COD.	PCS.	
1	76621	3 x 100 mm	
	76622	4 x 125 mm	
	76624	5,5 x 150 mm	
	76625	6,5 x 150 mm	
	76626	8 x 175 mm	

COD.	PCS.	
<b>76910</b>	5	A
<b>76911</b>		B

PCS.	COD.	PCS.	
1	76621	3 x 100 mm	
	76622	4 x 125 mm	
	76624	5,5 x 150 mm	
	76634	PZ1	
	76635	PZ2	

COD.	PCS.	
<b>76916</b>	5	A
<b>76917</b>		B

PCS.	COD.	PCS.	
1	76628	PH0	
	76629	PH1	
	76630	PH2	
	76631	PH3	
	76632	PH4	

■ 6 PCS.






COD.	PCS.	
<b>76670</b>	6	A
<b>76671</b>		B

PCS.	COD.	PCS.	
1	76620	2,5 x 75 mm	
	76621	3 x 100 mm	
	76622	4 x 125 mm	
	76624	5,5 x 150 mm	
	76625	6,5 x 150 mm	
	76626	8 x 175 mm	




COD.	PCS.	
<b>76901</b>	6	A
<b>76902</b>		B

PCS.	COD.	PCS.	
1	76621	3 x 100 mm	
	76622	4 x 125 mm	
	76624	5,5 x 150 mm	
	76628	PH0	
	76629	PH1	
76630	PH2		




COD.	PCS.		
<b>76922</b>	6		A
<b>76923</b>			B

PCS.	COD. PCS.			
1	76620	2,5 x 75 mm		
	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76623	5,5 x 125 mm		
	76629	PH1		
	76630	PH2		


COD.	PCS.		
<b>76928</b>	6		A
<b>76929</b>			B

PCS.	COD. PCS.			
1	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76625	6,5 x 150 mm		
	76629	PH1		
	76630	PH2		
	76631	PH3		


COD.	PCS.		
<b>76934</b>	6		A
<b>76935</b>			B

PCS.	COD. PCS.			
1	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76625	6,5 x 150 mm		
	76633	PZ0		
	76634	PZ1		
	76635	PZ2		

COD.	PCS.		
<b>76931</b>	6		A
<b>76932</b>			B

PCS.	COD. PCS.			
1	76640	T8		
	76641	T9		
	76642	T10		
	76643	T15		
	76644	T20		
	76645	T25		


COD.	PCS.		
<b>76926</b>	6		B

PCS.	COD. PCS.			
1	74701	6 mm		
	74702	7 mm		
	74703	8 mm		
	74704	9 mm		
	74705	10 mm		
	74708	13 mm		

### 7 PCS.








COD.	PCS.		
<b>76938</b>	7		B

PCS.	COD. PCS.			
1	74699	5 mm		
	74700	5,5 mm		
	74701	6 mm		
	74702	7 mm		
	74703	8 mm		
	74705	10 mm		
	74708	13 mm		




### 8 PCS.






COD.	PCS.		
<b>76674</b>	8		B

PCS.	COD. PCS.			
1	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76624	5,5 x 150 mm		
	76625	6,5 x 150 mm		
	76629	PH1		
	76630	PH2		
	76634	PZ1		
	76635	PZ2		




COD.	PCS.		
<b>76919</b>	8		A
<b>76920</b>			B

PCS.	COD. PCS.			
1	76620	2,5 x 75 mm		
	76622	4 x 125 mm		
	76623	5,5 x 125 mm		
	76625	6,5 x 150 mm		
	76628	PH0		
	76629	PH1		
	76630	PH2		
76631	PH3			





COD.	PCS.		
<b>76940</b>	8		A
<b>76941</b>			B

PCS.	COD.	PCS.		
1	76620	2,5 x 75 mm		
	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76625	6,5 x 150 mm		
	76628	PH0		
	76629	PH1		
	76630	PH2		
	76631	PH3		



COD.	PCS.		
<b>76907</b>	8		A
<b>76908</b>			B

PCS.	COD.	PCS.		
1	76620	2,5 x 75 mm		
	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76624	5,5 x 150 mm		
	76625	6,5 x 150 mm		
	76633	PZ0		
	76634	PZ1		
	76635	PZ2		

COD.	PCS.		
<b>76904</b>	8		A
<b>76905</b>			B

PCS.	COD.	PCS.		
1	76621	3 x 100 mm		
	76622	4 x 125 mm		
	76624	5,5 x 150 mm		
	76625	6,5 x 150 mm		
	76629	PH1		
	76630	PH2		
	76634	PZ1		
	76635	PZ2		


COD.	PCS.		
<b>76913</b>	8		A
<b>76914</b>			B

PCS.	COD.	PCS.		
1	76628	PH0		
	76629	PH1		
	76630	PH2		
	76631	PH3		
	76633	PZ0		
	76634	PZ1		
	76635	PZ2		
	76636	PZ3		

10 PCS.




COD.	PCS.	
<b>79468</b>	10	C


PCS.	COD.	PCS.	
1	75132	5/32"	
	74984	3/16"	
	75133	7/32"	
	74985	1/4"	
	74986	5/16"	
	74987	3/8"	
	75136	25/64"	
	74988	7/16"	
	75138	15/32"	
	74989	1/2"	

12 PCS.

COD.	PCS.	
<b>79466</b>	12	C

PCS.	COD.	PCS.	
1	75038	TT7	
	75039	TT8	
	75040	TT9	
	75041	TT10	
	75042	TT15	
	75043	TT20	
	75044	TT25	
	75045	TT27	
	75046	TT30	
	75047	TT40	
	75048	TT45	
	75049	TT50	

COD.	PCS.	
<b>79467</b>	12	C

PCS.	COD.	PCS.	
1	74698	4 mm	
	74699	5 mm	
	74700	5,5 mm	
	74701	6 mm	
	74702	7 mm	
	74703	8 mm	
	74704	9 mm	
	74705	10 mm	
	74706	11 mm	
	74707	12 mm	
	74708	13 mm	
	74709	14 mm	

### 13 PCS.

COD.	PCS.	
<b>79465</b>	13	C

PCS.	COD.	PCS.	
1	76638	T6	
	76639	T7	
	76640	T8	
	76641	T9	
	76642	T10	
	76643	T15	
	76644	T20	
	76645	T25	
	76646	T27	
	76647	T30	
	76648	T40	
	76649	T45	
	76650	T50	

### SET



COD.	PCS.	Dimensiones / Dimensions / Dimensions	Kg
<b>76678</b>	5	320 x 190 x 280	0,78

1000V | IEC 60900

PCS.	COD.	PCS.	Descripción / Description / Description	
1	76607		Alicate universal Mastercut Titacrom® Bimat / Mastercut Titacrom® Bimat combination plier	180 mm
	76621		Destornillador electricista Mastertork / Electrician Mastertork screwdriver	3 x 100 mm
	76629		Destornillador Phillips® Mastertork / Phillips® Mastertork screwdriver	PH-1, 5 x 100 mm
	62493		Alicate para terminales aislados / For insulated terminals plier	200 mm
	66074		Buscapolos digital / Digital voltage tester	160 mm

COD.	PCS.	Dimensiones / Dimensions / Dimensions	Kg
<b>76679</b>	4	320 x 190 x 280	0,70

1000V | IEC 60900

PCS.	COD.	PCS.	Descripción / Description / Description	
1	76607		Alicate universal Mastercut Titacrom® Bimat / Mastercut Titacrom® Bimat combination plier	180 mm
	76621		Destornillador electricista Mastertork / Electrician Mastertork screwdriver	3 x 100 mm
	76629		Destornillador Phillips® Mastertork / Phillips® Mastertork screwdriver	PH-1, 5 x 100 mm

### ROTORK

#### 4 PCS.



COD.	PCS.	
<b>76988</b>	4	A
<b>76989</b>		B

PCS.	COD.	PCS.	
1	76655	PH0	
	76656	PH1	
	76657	PH2	
	76658	PH3	

COD.	PCS.	
<b>76985</b>	4	A
<b>76986</b>		B

PCS.	COD.	PCS.	
1	76659	PZ0	
	76660	PZ1	
	76661	PZ2	
	76662	PZ3	

#### 5 PCS.



COD.	PCS.	
<b>76961</b>	5	A
<b>76962</b>		B

PCS.	COD.	PCS.	
1	76655	PH0	
	76656	PH1	
	76657	PH2	
	76658	PH3	
	76735	PH4	

6 PCS.



COD.	PCS.	A	B
<b>76973</b>	6		
<b>76974</b>			

PCS.	COD. PCS.			
1	76730	2,5 x 60 mm		
	76651	3 x 100 mm		
	76652	4 x 125 mm	Ⓢ	☐
	76653	5,5 x 150 mm		
	76654	6,5 x 150 mm		
	76732	8 x 175 mm		

COD.	PCS.	A	B
<b>76955</b>	6		
<b>76956</b>			

PCS.	COD. PCS.			
1	76651	3 x 100 mm		
	76652	4 x 125 mm		
	76653	5,5 x 150 mm	Ⓢ	☐
	76654	6,5 x 150 mm		
	76732	8 x 175 mm		
	76733	10 x 200 mm		

COD.	PCS.	A	B
<b>76967</b>	6		
<b>76968</b>			

PCS.	COD. PCS.			
1	76730	2,5 x 60 mm		
	76651	3 x 100 mm	Ⓢ	☐
	76652	4 x 125 mm		
	76653	5,5 x 150 mm		
	76656	PH1	⊕	
	76657	PH2		

COD.	PCS.	A	B
<b>76943</b>	6		
<b>76944</b>			

PCS.	COD. PCS.			
1	76651	3 x 100 mm		
	76652	4 x 125 mm	Ⓢ	☐
	76653	5,5 x 150 mm		
	76655	PH0		
	76656	PH1	⊕	
	76657	PH2		

COD.	PCS.	A	B
<b>76952</b>	6		
<b>76953</b>			

PCS.	COD. PCS.			
1	76651	3 x 100 mm		
	76652	4 x 125 mm	Ⓢ	☐
	76653	5,5 x 150 mm		
	76659	PZ0		
	76660	PZ1	⊕	
	76661	PZ2		

COD.	PCS.	A	B
<b>76976</b>	6		
<b>76977</b>			

PCS.	COD. PCS.			
1	76651	3 x 100 mm		
	76652	4 x 125 mm	Ⓢ	☐
	76654	6,5 x 150 mm		
	76656	PH1		
	76657	PH2	⊕	
	76658	PH3		

COD.	PCS.	A	B
<b>76970</b>	6		
<b>76971</b>			

PCS.	COD. PCS.			
1	76651	3 x 100 mm		
	76652	4 x 125 mm	Ⓢ	☐
	76654	6,5 x 150 mm		
	76659	PZ0	⊕	
	76660	PZ1		
	76661	PZ2	⊕	


8 PCS.




COD.	PCS.	A	B
<b>76684</b>	8		
<b>76685</b>			

PCS.	COD. PCS.			
1	76651	3 x 100 mm		
	76652	4 x 125 mm		
	76653	5,5 x 150 mm	Ⓢ	☐
	76654	6,5 x 150 mm		
	76656	PH1		
	76657	PH2	⊕	
	76660	PZ1		
	76661	PZ2	⊕	


COD.	PCS.		
<b>76964</b>	8		A
<b>76965</b>			B

PCS.	COD.	PCS.		
1	76730	2,5 x 60 mm		
	76652	4 x 125 mm	ⓘ	
	76653	5,5 x 150 mm		
	76654	6,5 x 150 mm		
	76655	PH0		
	76656	PH1	⊕	
	76657	PH2		
	76658	PH3		


COD.	PCS.		
<b>76982</b>	8		A
<b>76983</b>			B

PCS.	COD.	PCS.		
1	76730	2,5 x 60 mm		
	76651	3 x 100 mm	ⓘ	
	76652	4 x 125 mm		
	76654	6,5 x 150 mm		
	76655	PH0		
	76656	PH1	⊕	
	76657	PH2		
	76658	PH3		

COD.	PCS.		
<b>76949</b>	8		A
<b>76950</b>			B

PCS.	COD.	PCS.		
1	76730	2,5 x 60 mm		
	76731	3 x 60 mm		
	76652	4 x 125 mm	ⓘ	
	76653	5,5 x 150 mm		
	76654	6,5 x 150 mm		
	76659	PZ0		
	76660	PZ1	⊕	
	76661	PZ2		

COD.	PCS.		
<b>76979</b>	8		A
<b>76980</b>			B

PCS.	COD.	PCS.		
1	76651	3 x 100 mm		
	76652	4 x 125 mm	ⓘ	
	76653	5,5 x 150 mm		
	76654	6,5 x 150 mm		
	76655	PH0		
	76656	PH1	⊕	
	76657	PH2		
	76658	PH3		

COD.	PCS.		
<b>76958</b>	8		A
<b>76959</b>			B

PCS.	COD.	PCS.		
1	76655	PH0		
	76656	PH1	⊕	
	76657	PH2		
	76658	PH3		
	76659	PZ0		
	76660	PZ1	⊕	
	76661	PZ2		
	76662	PZ3		

### MICROTRONIC

#### 7 PCS.



COD.	PCS.
<b>76083</b>	7

PCS.	COD.	PCS.		
1	75156	1,5 x 40 mm		
	75157	1,8 x 60 mm		
	75158	2 x 60 mm		
	75159	2,5 x 75 mm	ⓘ	
	75201	3 x 75 mm		
	75202	PH00		
	75203	PH0	⊕	



## JUEGOS ELECTRICIDAD / ELECTRICIAN SETS / SETS ÉLECTRICIENS / WERKZEUGSÄTZE FÜR ELEKTRIZITÄT / KIT ELETTRICISTI / JOGOS ÉTRICIDADE / НАБОР ЭЛЕКТРИКА

■ 5 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79060</b>	5	51033	mm	1,2
PCS.	Composición / Composition / Composition	Descripción / Description / Description		
4	76583, 76594, 76603, 76595	Alicates / Pliers		
1	73004	Tenaza de canal / Box joint		

■ 16 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>76690</b>	-	-	-	2,0
<b>76691</b>	16	51013	mm	4,0

■ 10 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79061</b>	10	51033	mm	3
PCS.	Composición / Composition / Composition	Descripción / Description / Description		
4	76583, 76594, 76603, 76595	Alicates / Pliers		
3	76621, 76623, 76626	Destornilladores electricistas / Electrician screwdrivers		
2	76634, 76635	Destornilladores Pozidriv® / Pozidriv® screwdrivers		
1	73004	Tenaza de canal / Box joint		

■ 17 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79063</b>	17	51033	mm	3,6



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79062</b>	10	51033	mm	2,5
PCS.	Composición / Composition / Composition	Descripción / Description / Description		
4	76583, 76603, 76590, 76599	Alicates / Pliers		
1	66073	Buscapolos / Voltage tester		
4	76621, 76622, 76623, 76625	Destornilladores electricistas / Electrician screwdrivers		
1	76629	Destornilladores Phillips® / Phillips® screwdriver		

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
6	76584, 76599, 76592, 76603, 76589, 76590	Alicates / Pliers	
1	66073	Buscapolos / Voltage tester	
6	76620, 76621, 76623, 76625, 76626, 76627	Destornilladores electricistas / Electrician screwdrivers	
2	76629, 76630	Destornilladores Phillips® / Phillips® screwdriver	
	73035, 73036	Cuchillos / Knives	

### 26 PCS.

MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79064</b>	26	51033	mm	5

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
7	76583, 76603, 76592, 76594, 76595, 76590, 76589	Alicates / Pliers	
2	73156, 73158	Llaves hexagonales / Hexagonal keys	
5	76621, 76622, 76623, 76625, 76626	Destornilladores electricistas / Electrician screwdrivers	
2	76629, 76630	Destornilladores Phillips® / Phillips® screwdriver	1000V
2	76634, 76635	Destornilladores Pozidriv® / Pozidriv® screwdrivers	
4	74700, 74701, 74702, 74703	Destornilladores de vaso / Socket screwdriver	
2	73035, 73036	Cuchillos / Knives	
1	73008	Cortacables / Cable cutters	
	66073	Buscapolos / Voltage tester	-

### 37 PCS.

MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79066</b>	37	51054	mm	9

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
4	76583, 76603, 76592, 76599	Alicates / Pliers	
1	73008	Cortacables / Cable cutters	
6	73064, 73067, 73068, 73071, 73073, 73076	Llaves fijas una boca / Single ended open jaw spanner	1000V
	73122, 73125, 73126, 73129, 73131, 73134	Llaves de estrella / Ring wrenches	
1	73683	Carraca / Ratchet	
2	73446, 73445	Alargadera / Extension	3/8" - 1000V
1	73448	Mango en T / T Handle	1000V
9	74962, 74963, 74964, 74965, 74966, 74969, 74971, 74974, 74976	Vasos / Sockets	1/2" - 1000V
2	73035, 73036	Cuchillos / Knives	
1	73040	Pinza de plástico / Plastic tweezers	1000V
4	76621, 76622, 76623, 76625	Destornilladores electricistas / Electrician screwdrivers	

### 27 PCS.

INCH



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79065</b>	27	51054	inch	8

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
3	76583, 76597, 76592	Alicates / Pliers	
	76621, 76623, 76625	Destornilladores electricistas / Electrician screwdrivers	1000V
2	76629, 76630	Destornilladores Phillips® / Phillips® screwdriver	
1	73685	Carraca / Ratchet	-
2	73280, 73281	Alargadera / Extension	
8	75162, 75163, 75164, 75165, 75167, 75168, 75169, 75170	Vasos / Sockets	3/8" - 1000V
	73349, 73350, 73351, 73352, 73353, 73354, 73355, 73356	Llaves de estrella acodada una boca / Offset ring wrenches	1000V



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>76688</b>		-		3,0
<b>76689</b>	37	51010	mm	7,0

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
5	76584, 76591, 76593, 76595, 76603	Alicates / Pliers	
	73008	Tenaza cortacables / Cable cutters	
1	73040	Pinzas / Tweezers	1000V
	73035	Cuchillos / Knives	
	73005	Tenazas de canal / Box joint pincers	
5	73064, 73065, 73067, 73068, 73070	Llaves fijas una boca / Single ended open jaw spanner	
1	69534	Tijera electricista / Electrician's scissors	-
	51257	Tester	
5	76621, 76622, 76624, 76625, 76626	Destornilladores electricistas / Electrician screwdrivers	1000V
3	76629, 76630, 76631	Destornilladores Phillips® / Phillips® screwdriver	
	63254	Soldador de estaño / Tin soldering iron	
1	63256	Succionador con boquilla antiestática para soldadura / Desoldering pump with anti-static rubber nozzle	-
6	73232, 73233, 73234, 73236, 73238, 73239	Vasos / Sockets	1000V
1	73245	Alargadera / Extension	
	73246	Carraca / Ratchet	

■ 52 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>76686</b>		-		6,0
<b>76687</b>	52	51011	mm	31

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
8	76584, 76590, 76592, 76591, 76593, 76594, 76595, 76603	Alicates / Pliers	
1	73008	Tenaza cortacables / Cable cutters	
2	73040, 73041	Pinzas / Tweezers	
	73035, 73036	Cuchillos / Knives	
1	73011	Cortacables de carraca / Ratchet electrician cable cutter	1000V
	73005	Tenazas de canal / Box joint pincers	
	76552	Llave ajustable / Adjustable wrench	
8	73064, 73065, 73066, 73067, 73068, 73071, 73073, 73076	Llaves fijas una boca / Single ended open jaw spanner	
	69534	Tijera electricista / Electrician's scissors	
1	62494	Alicate para terminales / Terminals plier	-
	51257	Tester	
6	76621, 76622, 76624, 76625, 76626, 76627	Destornilladores electricistas / Electrician screwdrivers	1000V
5	76628, 76629, 76630, 76631, 76632	Destornilladores Phillips® / Phillips® screwdriver	
	63254	Soldador de estaño / Tin soldering iron	
1	63256	Succionador con boquilla antiestática para soldadura / Desoldering pump with anti-static rubber nozzle	-
	65587	Espejo articulado / Joint telescopic mirror	
6	73232, 73233, 73234, 73236, 73238, 73239	Vasos / Sockets	
1	73245	Alargadera / Extension	1000V
	73687	Carraca / Ratchet	
3	73251, 73252, 73253	Boquillas hexagonales / Hexagonal sockets	

33

1000V






**SET DE MANTENIMIENTO DE COCHE ELÉCTRICO / HÍBRIDO / HYBRID / ELECTRIC VEHICLE MAINTENANCE SET / SET DE MAINTENANCE POUR VOITURE ÉLECTRIQUE / HIBRYDE / WARTUNGSSATZ FÜR ELEKTRO- / HYBRIDFAHRZEUGE / SET DI MANUTENZIONE VEICOLO ELETTRICO / IBRIDO / JOGO DE MANUTENÇÃO PARA CARRO ELÉCTRICO / HÍBRIDO / НАБОР ДЛЯ ОБСЛУЖИВАНИЯ АВТОМОБИЛЬНЫХ ЭЛЕКТРОДВИГАТЕЛЕЙ**

■ 23 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en		
72990	23	50994	mm	●	5
PCS.	Composición / Composition / Composition		Descripción / Description / Description		
1	73683		Llave de carraca reversible 1/2" / Reversible ratchet handel 1/2"		
2	73094,73096		Llaves de estrella acodada / Offset ring wrench		
6	74960,74962,74965,74966,74969,74971		Llaves de vaso 1/2" / Socket wrench 1/2"		
	73455		Boquilla hexagonal / Hexagonal socket		
	73446		Alargadera 1/2" / Extension 1/2"		
1	73004		Tenaza de canal / Box joint		
	76583		Alicate universal / Combination pliers		
	76593		Alicate de telefonista / Long nose pliers		
2	76738,76629		Destornilladores Phillips® / Phillips® screwdrivers		
3	76621,76622,76623		Destornilladores de electricistas / Electrician screwdriver		
1	73555		Guantes aislantes / Isolating gloves		
3	73287,73288,73289		Boquillas de autofijación / Self claping slip-on claps		

# BE SAFE...BE EFFICIENT



■ 43 PCS.

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79365</b>	43	50996	mm	21
PCS.	Composición / Composition / Composition		Descripción / Description / Description	
1	73042		Cortabridas / Plastic tie cutter	
	79058		Tijera aislada / Insulating clamps	
	76616		Alicate de corte diagonal / Electronic pliers	
2	76614, 76612		Alicate telefonista / Long nose pliers	
1	73249		Grapa / Clamp	
	73008		Tenaza corta cables / Cable cutters	
3	76651, 76652, 76653		Destornillador electricista / Electrician screwdriver	
1	73040		Pinza / Neat tip tweezer	
3	76659, 76660, 76661		Destornillador pozidriv / Pozidriv screwdriver	
1	73041		Pinza 45° / Neat tip tweezer 45°	
2	73287, 73288		Boquilla de autofijación / Self clamping slip-on claps	
1	73035		Cuchillo recto / Straight knife	
	73036		Cuchillo curvo / Curved knife	
3	73251, 73252, 73253		Boquilla hexagonal / Hexagonal socket	
2	79894, 79898		Punta atornilladora con vaso / Socket bit	
1	73285		Adaptador / Adapter	
11	73230, 73231, 73232, 73233, 73234, 73235, 73236, 73237, 73238, 73239, 73240		Llave de vaso 1/4" / socket wrench 1/4"	
5	75058, 75059, 75060, 75061, 75062		Llave de vaso 1/4" serie larga / Long series socket wrench 1/4"	
1	73256		Extension con mango / Extension with handle	
	79995		Llave dinamométrica 3/8" / Torque wrench 3/8"	

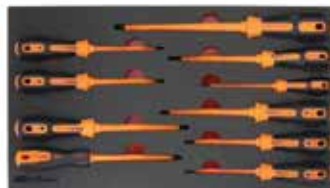
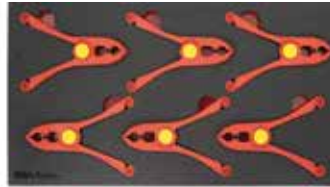
33

1000V



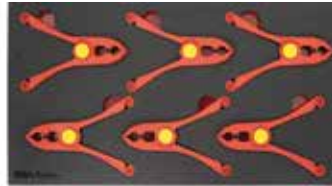
■ 55 PCS

■ MM



COD.	PCS.		Medidas en / Sizes in / Mesures en	
<b>79086</b>	55	58597	mm	21
PCS.	Composición / Composition / Composition	Descripción / Description / Description		
4	79799	Mantas aislantes / Insulating blankets	600x460	
6	73249	Grapas / Insulating clamps	150 mm	
	73281	Alargadera 3/8" / Extension 3/8"	250mm	
1	75204	Alargadera 1/4" / Extension 1/4"	1/4"	
	73285	Adaptador / Adapter	3/8" hembra-1/4" macho	
7	73233,73234,73235,73236,73237,73238,73239	Llaves de vaso 1/4" / 1/4" Socket wrenches	7,8,9,10,11,12,13 mm	
6	74918,74919,74920,74921,74922,74923	Llaves de vaso 3/8" / 3/8" Socket wrenches	10,11,12,13,14,15 mm	
3	79495,79496,79497	Punta con cuadrado guía 1/4" / 1/4" Socket bit	T20,T25,T30	
	73251,73252,73253	Boquilla hexagonal 1/4" / 1/4" Hexagonal socket	4,5,6 mm	
	76593	Alicate telefonista boca curva / Bent nose plier		
	76595	Alicate corte diagonal / Diagonal cutting plier	160mm	
1	79993	Llave dinamométrica / Torque Wrench	1000V	
	73004	Tenaza de canal 10" / 10" Box joint pincer	-	
	73008	Tenaza cortacables / Cable cutters	250mm	
	73685	Carraca 3/8" / 3/8" Ratchet	-	
3	74712,74713,74714	Destornillador punta hexagonal allen / Hexagonal Allen screwdrivers	4,5,6mm	
1	76657	Destornillador Phillips® / Phillips® screwdriver	PH2	
3	76626,76623,76621	Destornillador electricista / Electrician screwdrivers	8x175, 3x100, 5,5x125	
	75046,75044,75043	Destornillador Tamper torx / Tamper torx screwdrivers	TT20,TT25,TT30	
6	73288,73289,73287	Boquillas de autofijación / Self clamping slip-on claps	Ø10, Ø20, Ø30	
1	51251	Multímetro / Multimeter	-	

INCH



COD.	PCS.		Medidas en / Sizes in / Mesures en		
<b>38946</b>	55	58597	inch	●	Kg 21

PCS.	Composición / Composition / Composition	Descripción / Description / Description	
4	79799	Mantas aislantes / Insulating blankets	-
6	73249	Grapas / Clamp	-
1	73281	Alargadera / Extension	3/8"
	75204		1/4"
7	73285	Adaptador / Adapter	-
	73370,73371,73372,73373,73374,73375,73376		1/4"
6	74942,74943,74944,74945,74946,74947	Llave de vaso / Socket	3/8"
3	79495,79496,79497	Punta con cuadrado guía / Socket bit	1/4"
	73251,73252,73253	Boquilla hexagonal / Hexagonal socket	-
1	76593	Alicate telefonista boca curva / Bent nose plier	-
	76595	Alicate corte diagonal / Diagona cuttin pliers	-
	79993	Llave dinamoétrica / Torque wrench	1000V
	73004	Tenaza de canal / Box joint	10"
	73008	Tenaza cortacables / Cable cutter	-
3	73685	Carraca / Ratchet	3/8"
3	75084,75131,75097	Destornillador punta hexagonal allen / Hexagonal allen bit screwdriver	-
1	76657	Destornillador philips / Philips screwdriver	-
3	75069,75066,75064	Destornillador electricista / Electrician screwdriver	-
6	75046,75044,75043	Destornillador tamper torx / Tamper torx screwdriver	-
6	73288,73289,73287	Boquillas de autofijacion / Self clamping slip-on clap	-
1	51251	Multimetro / Multimeter	-