

3

ALICATES Y TENAZAS
PLIERS AND PINCERS
PINCES ET TENAILLES
ZANGEN
PINZE E TENAGLIE
ALICATES E TURQUESES
ПЛОСКОГУБЦЫ И КЛЕЩИ




Premio a la Innovación
Certamen Metalmaq

Lisboa 2001

Innovation Award
Metalmaq

Lisbon 2001

Prix a l'Innovation
Metalmaq

Lisbonne 2001

Medalla de Bronce
Salón Internacional
de la Invención

París 2004

Bronze Medal
International Inventors
Competition

Paris 2004

Medaille de Bronze
Salon International
de l'Invention

Paris 2004


El más eficiente / The most efficient / Le plus efficient
Capacidad de corte
Cutting capacity
Capacité de coupe
60% +
**1**

Gracias a su sistema de eje desplazado y a la tecnología aplicada en sus bocas, la capacidad de corte se ha incrementado en un 60 % respecto a los alicates tradicionales. Corta clavos de hasta 5 mm de diámetro.

Displaced joint axle high-leverage system, together with the applied technology on the jaws, provides 60% higher cutting capacity than traditional pliers. Cuts nails up to 5mm.

Grâce à un système d'axe déplacé, la capacité de coupe est augmentée de 60% par rapport à une pince traditionnelle. Coupe des clous de 5 mm de diamètre.

2

Eje poligonal extrafuerte para larga duración y suavidad de funcionamiento sin holgura.

Polygonal super-resistant axle pin, long lasting and smooth action.

Axe polygonal extrafort longue durée.

3

Sistema de engastar terminales en los alicates universales.

Terminal Crimping system for combination pliers.

Incluent la fonction sertissage de terminaux.

4

TITACROM® - Tratamiento superficial especial, resistente a la corrosión y a los golpes y roces, es antirreflejante y de gran atractivo.

TITACROM® - Special surface treatment, rust-proof and anti-chipping off, it is non-reflecting and with very attractive finishing.

TITACROM® - Traitement superficiel spécial, résistant à la corrosion et aux coups, anti-réfléchissant et au desing attirant.

5

Mango bicomponente BIMAT® ergonómico para un agarre ideal, antideslizante y cómodo.

BIMAT® 2 component ergonomic and anti-slippery handles provide comfortable gripping.

Manche bi-matière ergonomique pour la meilleure accroche.

6

Patentado.
Patented.
Breveté.

■ CARACTERÍSTICAS

- Sistema de eje desplazado, incrementando la capacidad de corte hasta en un 60 % respecto a los alicates tradicionales.
- Corta clavos de hasta 5 mm de diámetro.
- Eje poligonal extrafuerte para larga duración y suavidad.
- Los alicates universales incorporan una zona de engastar terminales.
- Titacrom®: tratamiento superficial especial, resistente a la corrosión y a los golpes, es antirreflejante y de gran atractivo.
- Mango bicomponente BIMAT ergonómico para un agarre ideal.
- Patentado.

■ FEATURES

- Displaced joint axle provides high leverage system and 60% more cutting power than standard pliers.
- Nails of diameter up to 5mm.
- Extraresistant polygonal axle pin, long lasting and smooth action.
- Crimping system incorporated in combination pliers for different crimping actions.
- Titacrom® special surface treatment, antirusty, non peel off, non reflecting and attractive finishing.
- Bimat ergonomic two component handle for ideal grip.
- Patented.

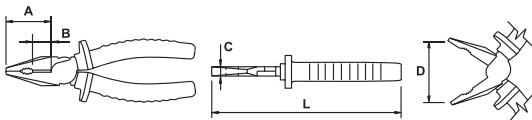
■ CARACTERISTIQUES

- Grâce à un système d'axe déplacé, la capacité de coupe est augmentée de 60% par rapport à une pince traditionnelle.
- Coupe des clous de 5mm de diamètre.
- Axe polygonal extrafort longue durée.
- Les pinces universelles incluent la fonction sertissage de terminaux.
- Titacrom® traitement superficiel spécial, résistant à la corrosion et aux coups, anti-réfléchissant et au design attirant.
- Manche bi-matière BIMAT ergonomique pour la meilleure accroche.
- Breveté.

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

■ MASTERCUT TITACROM® BIMAT

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



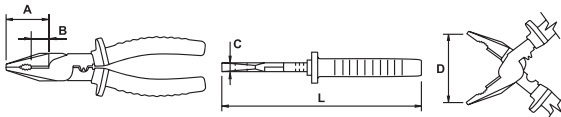
| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | mm | mm | mm | g | mm | mm |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|----|----|
| 62495 | 165 | 35 | 14 | 10 | 39 | 3,5 | 2,5 | 2 | 220 | | |
| 62496 | 180 | 40 | 16 | 11 | 50 | 4 | | | 230 | 6 | ● |
| 62479 | 210 | 44 | 19 | | 60 | 4,5 | 2,8 | 2,2 | 280 | | |



TITACROM® BIMAT | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | mm | mm | mm | g | mm | mm |
|-------|--------|--------|--------|--------|--------|----|----|-----|-----|----|----|
| 62480 | 235 | 43 | 19 | 13 | 55 | 5 | 3 | 2,5 | 380 | 6 | ● |

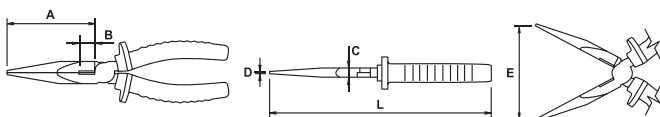


TITACROM® BIMAT | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré

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) | mm | mm | mm | g | mm | mm | E (mm) |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|----|----|--------|
| 62498 | 160 | 55 | 11 | 9,5 | 2,5 | 3 | 2 | 1,5 | 170 | 6 | ● | 46 |
| 62499 | 200 | 75 | 15 | | 3 | 3,5 | 2,5 | 2 | 210 | | | 70 |



TITACROM® BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

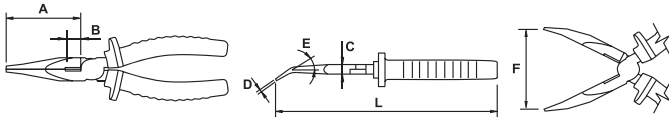
○ Blando / Soft / Tendre
20 Kg/mm²

◐ Medio / Medium / Moyen
75 Kg/mm²

◑ Duro / Hard / Dur
180 Kg/mm²

● Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (°) | F (mm) | | | | | | |
|-------|--------|--------|--------|--------|--------|-------|--------|-----|-----|-----|-----|---|---|
| 62500 | 160 | 50 | 13 | 9,5 | 3 | 32 | 41 | 3 | 2 | 1,5 | 170 | 6 | • |
| 62501 | 200 | 75 | 14 | | | | 90 | 3,5 | 2,5 | 2 | 210 | | |

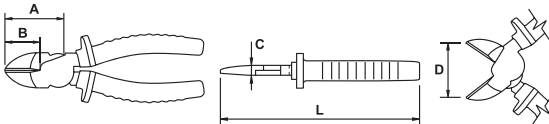


TITACROM® Bimat | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 62299 | 160 | 37 | 23 | 11 | 35 | 3 | 2,5 | 2 | 210 | 6 | • |
| 62350 | 190 | 40 | 25 | | 29 | 3,5 | 2,7 | 2,2 | 250 | | |

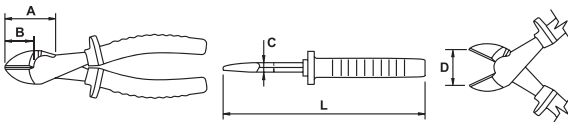


TITACROM® Bimat | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 62300 | 180 | 40 | 21 | 12 | 24 | 3,5 | 2,7 | 2,2 | 350 | 6 | • |
| 62598 | 200 | | | | 22 | 4 | 3 | 2,5 | 380 | | |



TITACROM® Bimat | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

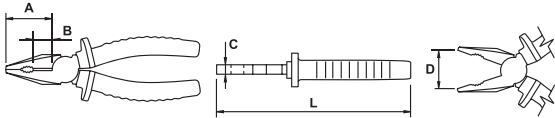
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ TITACROM® BIMAT

■ UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 62331 | 165 | 36 | 15 | 10 | 38 | 3 | 2 | 1,5 | 240 | | |
| 62332 | 180 | 38 | 14 | 11 | 41 | 3,5 | 2,2 | | 280 | 6 | ● |
| 62333 | 200 | 43 | 17 | 12 | 50 | 4 | 2,5 | 2 | 330 | | |

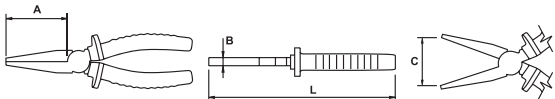
TITACROM® BIMAT | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré

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) | | | |
|-------|--------|--------|--------|--------|-----|---|---|
| 62337 | 160 | 55 | 8,5 | 40 | 170 | 6 | ● |

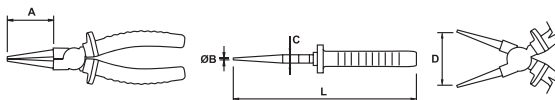
TITACROM® BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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) | | | |
|-------|--------|--------|--------|--------|--------|-----|---|---|
| 62338 | 160 | 41 | 2 | 10 | 39 | 160 | 6 | ● |

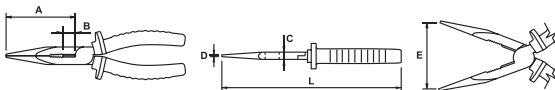
TITACROM® BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 62339 | 160 | 48 | 12 | 9,5 | 2,3 | 50 | 2,5 | 1,6 | 1 | 170 | | |
| 62340 | 200 | 70 | 14 | 10,5 | 2,6 | 80 | 3,2 | 2,2 | 1,5 | 210 | 6 | ● |

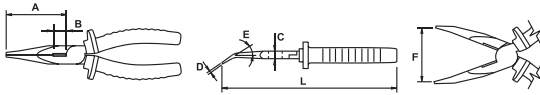
TITACROM® BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (°) | F (mm) | | | | | | |
|-------|--------|--------|--------|--------|--------|-------|--------|-----|-----|-----|-----|---|---|
| 62341 | 160 | 41 | 12 | 9,0 | 2,7 | | 47 | 2,5 | 1,6 | 1 | 170 | 6 | • |
| 62342 | 200 | 65 | 14 | 11 | 3,3 | 32 | 70 | 3,2 | 2,2 | 1,5 | 210 | 6 | • |

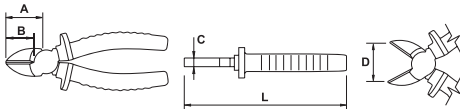
TITACROM® **BMAT** | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 62343 | 160 | 25 | 20 | 10 | 25 | 3 | 2,2 | 1,5 | 210 | 6 | • |
| 62540 | 190 | 32 | 26 | 11 | 29 | 3,2 | 2,5 | 2 | 250 | 6 | • |

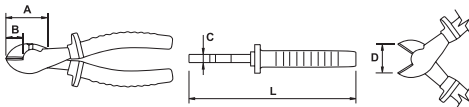
TITACROM® **BMAT** | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 62344 | 180 | 43 | 21 | 11 | 25 | 3,2 | 2,5 | 2 | 350 | 6 | • |
| 62370 | 200 | 48 | | | 21 | 3,5 | 2,7 | 2,2 | 380 | 6 | • |

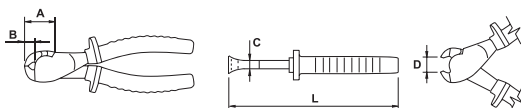
TITACROM® **BMAT** | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|---|-----|---|-----|---|---|
| 62345 | 160 | 27 | 9 | 11 | 9 | 3 | 2,5 | 2 | 250 | 6 | • |

TITACROM® **BMAT** | DIN 5748 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



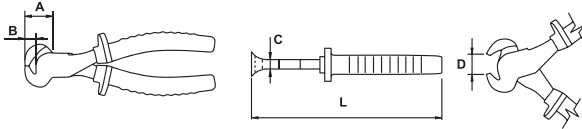
Blando / Soft / Tendre
20 Kg/mm²

Medio / Medium / Moyen
75 Kg/mm²

Duro / Hard / Dur
180 Kg/mm²

Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|---|-----|---|---|
| 62346 | 160 | 20 | 9 | 11 | 19 | 3 | 2,3 | 2 | 250 | 6 | • |
| 62348 | 200 | 22 | 11 | 14 | | 3,5 | 2,8 | | 410 | | |

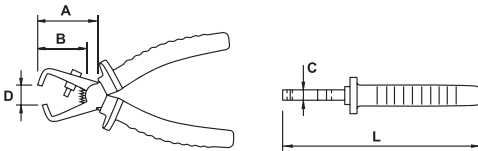


TITACROM® **BMAT** | DIN 5748 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | |
|-------|--------|--------|--------|--------|--------|-------|-----|---|---|
| 62349 | 160 | 44 | 37 | 9 | 21 | 0,5-6 | 170 | 6 | • |



TITACROM® **BMAT** | DIN 5743 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

EGGA Master
ART IN INNOVATION



Blando / Soft / Tendre
20 Kg/mm²



Medio / Medium / Moyen
75 Kg/mm²



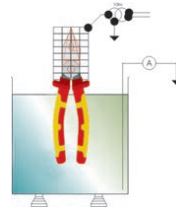
Duro / Hard / Dur
180 Kg/mm²



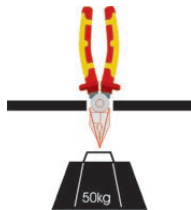
Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

■ **MASTERCUT TITACROM® BIMAT 1000V**

1000V  **IEC 60900**



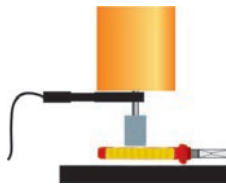
Test dieléctrico a 10.000V
Dielectric test at 10.000V
Test dieléctrique a 10.000V
Hochspannungstest 10.000V
Test dielétrico a 10.000V
Teste electrico 10.000V
Диэлектрический тест на 10.000в



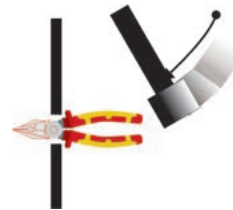
Test de adherencia de mangos
Testing of adhesiveness
Test d'adherence
Klebstest
Test di aderenza dei manici
Teste de aderência dos cabos
Тест проскальзывание



Test de propagación de llama
Heat resistance test
Test de combustibilite
Hitzenbeständigkeitsprüfung
Test di diffusione della fiamma
Teste de propagação de chama
Тест на термическую стойкость

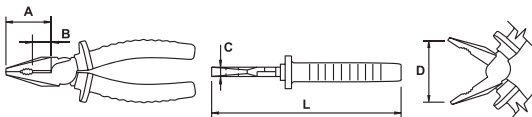









Test de penetración
Penetration test
Test de penetration
Di-Elektrische Prüfung
Prova dielettrica
Teste de penetração
Тест на антикоррозийную устойчивость



Test de impacto
Impact test
Test d'impact
Schlagbiegefestigkeitsprüfung
Test di resa ad impatto
Teste de impacto
Ударный тест

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



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

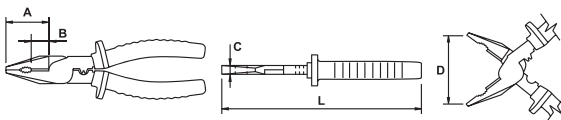








TITACROM® BIMAT  **1000V** | DIN 5746 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) |  |  |  |  |  |  |
|--------------|--------|--------|--------|--------|--------|---|---|---|---|--|---|
| 76611 | 235 | 43 | 19 | 13 | 55 | 5 | 3 | 2,5 | 380 | 6 | ● |



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

Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

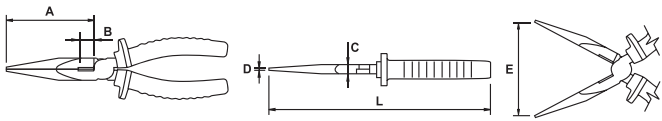
 Blando / Soft / Tendre
20 Kg/mm²

 Medio / Medium / Moyen
75 Kg/mm²

 Duro / Hard / Dur
180 Kg/mm²

 Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 76612 | 160 | 55 | 11 | 9,5 | 2,5 | 46 | 3 | 2 | 1,5 | 170 | 6 | ● |
| 76613 | 200 | 75 | 15 | | 3 | 70 | 3,5 | 2,5 | 2 | 210 | | |



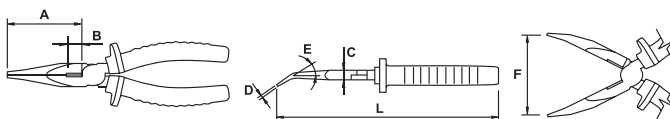
TITACROM® B/MAT 1000V | DIN 5745 | IEC 60900

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 / СИЗОГНУТЫМИ НОСАМИ



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



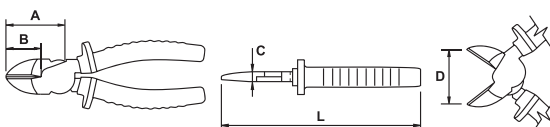
TITACROM® B/MAT 1000V | DIN 5745 | IEC 60900

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® B/MAT 1000V | DIN 5749 | IEC 60900

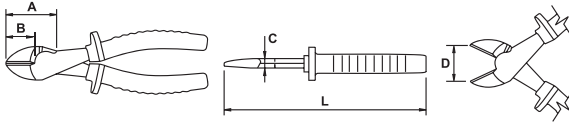
Modelo registrado / Registered model / Modèle enregistré

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) | | | | | | |
|--------------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 76618 | 180 | | | | 24 | 3,5 | 2,7 | 2,2 | 350 | | |
| 76619 | 200 | 40 | 21 | 12 | 22 | 4 | 3 | 2,5 | 380 | 6 | • |



TITACROM® BIMAT 1000V | DIN 5749 | IEC 60900

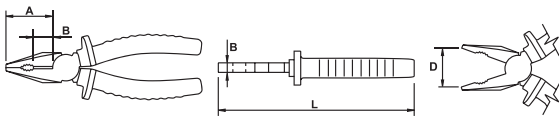
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

TITACROM® BIMAT 1000V

UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ



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



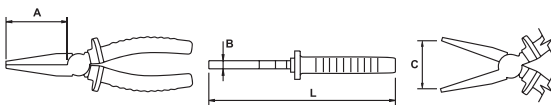
TITACROM® BIMAT 1000V | DIN 5746 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

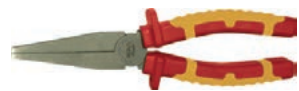
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | |
|--------------|--------|--------|--------|--------|-----|---|---|
| 76589 | 160 | 55 | 8,5 | 40 | 170 | 6 | • |



TITACROM® BIMAT 1000V | DIN 5745 | IEC 60900

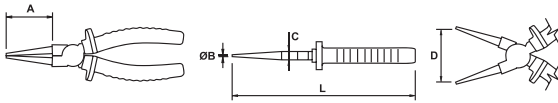
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ



| COD. | | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|--|--------|--------|--------|--------|--------|-----|---|---|
| 76590 | | 160 | 41 | 2 | 10 | 39 | 160 | 6 | • |

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

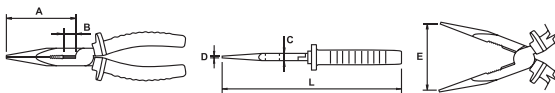
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИНЕННЫМИ НОСАМИ



| COD. | | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | | | | | | |
|-------|--|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 76591 | | 160 | 48 | 12 | 9,5 | 2,3 | 50 | 2,5 | 1,6 | 1 | 170 | 6 | • |
| 76592 | | 200 | 70 | 14 | 10,5 | 2,6 | 80 | 3,2 | 2,2 | 1,5 | 210 | | |

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

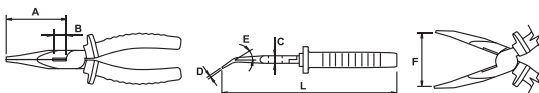
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



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

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

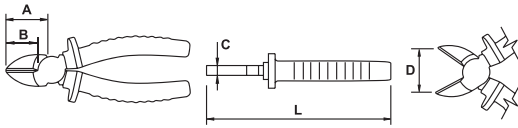
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

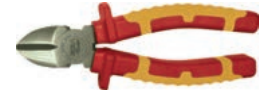
Cr-V



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) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 76595 | 160 | 25 | 20 | 10 | 25 | 3 | 2,2 | 1,5 | 205 | 6 | • |
| 76596 | 190 | 32 | 26 | 11 | 29 | 3,2 | 2,5 | 2 | 250 | | |



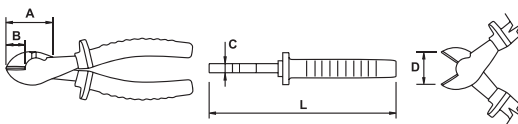
TITACROM® **BMAT** 1000V | DIN 5749 | IEC 60900

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|-----|-----|-----|-----|---|---|
| 76597 | 180 | 43 | 21 | 11 | 25 | 3,2 | 2,5 | 2 | 350 | 6 | • |
| 76598 | 200 | 48 | | | 21 | 3,5 | 2,7 | 2,2 | 380 | | |



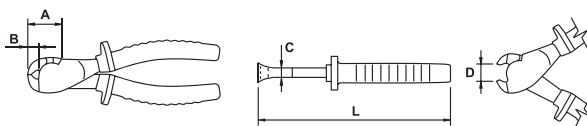
TITACROM® **BMAT** 1000V | DIN 5749 | IEC 60900

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) | | | | | | |
|-------|--------|--------|--------|--------|--------|---|-----|---|-----|---|---|
| 76599 | 160 | 27 | 9 | 11 | 9 | 3 | 2,5 | 2 | 250 | 6 | • |



TITACROM® **BMAT** 1000V | DIN 5748 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

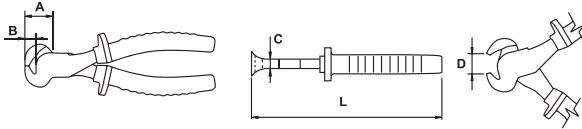
Blando / Soft / Tendre
20 Kg/mm²

Medio / Medium / Moyen
75 Kg/mm²

Duro / Hard / Dur
180 Kg/mm²

Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

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) | | | | | | |
|--------------|--------|--------|--------|--------|--------|-----|-----|---|-----|---|---|
| 76600 | 160 | 20 | 9 | 11 | 19 | 3 | 2,3 | 2 | 250 | 6 | ● |
| 76602 | 200 | 22 | 11 | 14 | 19 | 3,5 | 2,8 | 2 | 410 | 6 | ● |



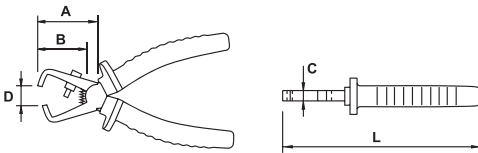
TITACROM® BIMAT **1000V** | DIN 5748 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | |
|--------------|--------|--------|--------|--------|--------|-------|-----|---|---|
| 76603 | 160 | 44 | 37 | 9 | 21 | 0,5-6 | 170 | 6 | ● |



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

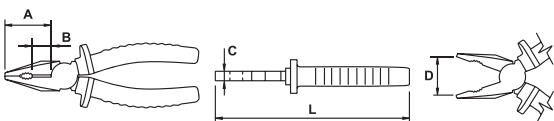
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

PULIDOS BIMAT / POLISHED BIMAT / POLIE BIMAT / GESCHLIEFEN BIMAT / FINITURA LUCIDA BIMAT / POLIDOS BIMAT / ОТПОЛИРОВАНО BIMAT

UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | | | |
|--------------|--------|--------|--------|--------|--------|---|-----|-----|-----|---|---|
| 62450 | 160 | 36 | 15 | 10 | 38 | 3 | 2 | 1,5 | 240 | 6 | ● |
| 62452 | 200 | 43 | 17 | 12 | 50 | 4 | 2,5 | 2 | 330 | 6 | ● |



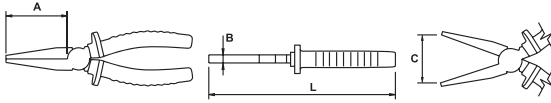
BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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) | | | |
|--------------|--------|--------|--------|--------|-----|---|---|
| 62453 | 160 | 55 | 8,5 | 40 | 150 | 6 | ● |

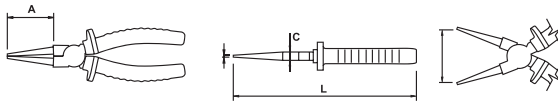
BMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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) | | | |
|--------------|--------|--------|--------|--------|--------|-----|---|---|
| 62454 | 160 | 41 | 2 | 10 | 39 | 140 | 6 | ● |

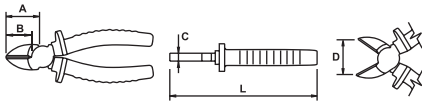
BMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | | | | |
|--------------|--------|--------|--------|--------|--------|---|-----|-----|-----|---|---|
| 62459 | 160 | 25 | 20 | 10 | 25 | 3 | 2,2 | 1,5 | 210 | 6 | ● |

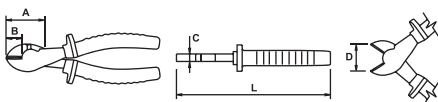
BMAT | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

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) | | | | | | |
|--------------|--------|--------|--------|--------|--------|-----|-----|---|-----|---|---|
| 62460 | 180 | 43 | 21 | 11 | 25 | 3,2 | 2,5 | 2 | 350 | 6 | ● |

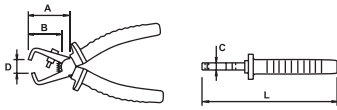
BMAT | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|--------------|--------|--------|--------|--------|--------|-----|---|---|
| 62461 | 160 | 44 | 37 | 9 | 21 | 150 | 6 | • |

BMAT | DIN 5743 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ UNIVERSAL MOD. ELECTRICISTA / LINESMAN'S / ELECTRICIEN / KOMBIZANGEN / UNIVERSALE MOD. PER ELETTRICISTI / UNIVERSAL MOD. ELETRICISTA / ЭЛЕКТРИЧЕСКИЕ ПЛОСКОГУБЦЫ

| COD. | L (mm) | | | |
|--------------|--------|-----|---|---|
| 62074 | 250 | 480 | 6 | • |

BMAT



■ ALICATES CIRCLIPS / CIRCLIPS PLIERS / PINCES POUR CIRCLIPS / ZANGEN FÜR SICHERUNGSRINGE / PINZE PER ANELLI / ALICATES FREIOS / СЪЕМНИК КОЛЕЦ

■ PAVONADO / BLACK FINISHED / BRUNIE / BRÜNIERT / BRUNITO / BRUNIDO / ЧЕРЕННЫЕ

■ EXTERIOR RECTO / EXTERNAL STRAIGHT / EXTERIEUR DROIT / AUSSENSICHERUNGSRINGE, GRADE / DIRITTA PER ESTERNI / EXTERIOR DIREITO / НАРУЖНЫЕ ПРЯМЫЕ

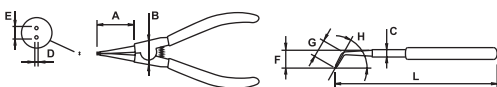


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|-----|---|---|
| 62214 | 150 | 36 | 23 | 8,5 | 0,9 | 3,8 | 3-10 | 105 | 6 | • |
| 62215 | | | | 9,5 | 1,2 | 4,5 | 10-25 | | | |
| 62183 | 175 | 43 | 25 | 11 | 1,8 | 5,5 | 19-60 | 280 | - | - |
| 62216 | 230 | 55 | 29 | | 2,4 | 40-100 | | | | |
| 62217 | 320 | 75 | 37 | 13 | 3,1 | 9,0 | 85-200 | 470 | - | - |

DIN 5254



■ EXTERIOR CURVO / EXTERNAL BENT / EXTERIEUR COUDÉ / BACKEN UM 90 GEBOGEN / PIEGATO PER ESTERNI / EXTERIOR CURVO / НАРУЖНЫЕ ИЗОГНУТЫЕ

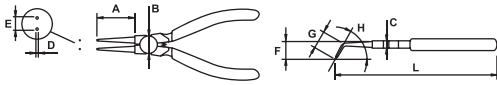


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (°) | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-----|---|---|
| 62218 | 145 | 30 | 22 | 8,5 | 0,9 | 4,5 | 14 | 15 | 50 | 3-10 | 105 | 6 | • |
| 62219 | | | | | 1,3 | 5,0 | 15 | | | 10-25 | | | |
| 62182 | 170 | 37 | 25 | 9,5 | 1,8 | 7,0 | 18 | 18 | 90 | 19-60 | 280 | - | - |
| 62220 | 210 | | 28 | | 11 | | 2,2 | | | 24 | | | |
| 62221 | 300 | 49 | 37 | 14 | 3,2 | 9,5 | 34 | 30 | - | 85-200 | 490 | - | - |

DIN 5254



INTERIOR CURVO / INTERNAL BENT / INTERIEUR COUDÉ / BACKEN UM 90 GEBOGEN / PIEGATTO PER INTERNI / INTERIOR CURVO / ВНУТРЕННИЕ ИЗОГНУТЫЕ



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (°) | O.D. mm | g | Icon 1 | Icon 2 |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---------|-----|--------|--------|
| 62226 | 150 | 28 | 16 | 9,0 | 1,3 | 15 | 16 | 15 | 50 | 8-13 | 100 | Icon 1 | Icon 2 |
| 62227 | | | | | | 16 | | | | 12-25 | | | |
| 62180 | 170 | 33 | 18 | 10,0 | 1,7 | 16 | 20 | 17 | 90 | 19-60 | 150 | 6 | • |
| 62228 | 215 | 35 | 25 | 11 | 2,1 | 50 | 24 | 24 | 90 | 40-100 | 270 | | |
| 62229 | 300 | 48 | 28 | 13 | 3 | 75 | 33 | 33 | 90 | 85-200 | 420 | | - |

DIN 5256



INTERIOR RECTO / INTERNAL STRAIGHT / INTERIEUR DROIT / INNENSICHERUNGSRINGE, GERADE / DIRITTO PER INTERNI / INTERIOR DIREITO / ВНУТРЕННИЕ ПРЯМЫЕ



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | O.D. mm | g | Icon 1 | Icon 2 |
|--------------|--------|--------|--------|--------|--------|--------|---------|-----|--------|--------|
| 62222 | 150 | 36 | 16 | 8,5 | 1,2 | 17 | 8-13 | 100 | Icon 1 | Icon 2 |
| 62223 | | | | | | 19 | 12-25 | | | |
| 62181 | 175 | 44 | 18 | 9,5 | 1,8 | 21 | 19-60 | 145 | 6 | • |
| 62224 | 230 | 50 | 24 | 11 | 2,2 | 75 | 40-100 | 270 | | |
| 62225 | 330 | 70 | 27 | 13 | 2,9 | 80 | 85-200 | 420 | | - |

DIN 5256



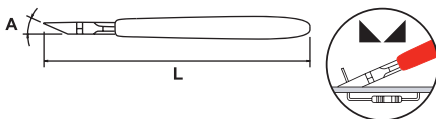
MULTI CIRCLIPS



| COD. | L (mm) | O.D. mm | g | Icon 1 | Icon 2 |
|--------------|--------|---------|-----|--------|--------|
| 62213 | 160 | 10-50 | 200 | 3 | • |



ALICATES DE "CORTE AL RAS" / FLUSH CUTTING PLIERS / PINCES COUPANTES À RAS DIAGONALES / SEITENSCHNEIDER / PINZA A TAGLIO RASO / ALICATE DE CORTA DIAGONAL / БЫСТРОРЕЖУЩИЕ КУСАЧКИ

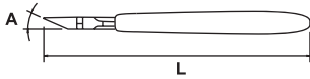


| COD. | L (mm) | Max Cu-Ni | A (°) | g | Icon 1 | Icon 2 |
|--------------|--------|-----------|-------|----|--------|--------|
| 63950 | 130 | 1,2 | 25 | 70 | 12 | • |

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cabeza redondeada / Rounded head / Tête ronde





| COD. | L (mm) | Max Cu-Ni | A (°) | g | | |
|-------|--------|--------------|-------|----|----|---|
| 63951 | 125 | 1,2 | 25 | 75 | 12 | ● |

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cabeza triangular / Triangle shaped head / Tête triangulaire



| COD. | L (mm) | Max Plastic | A (°) | g | | |
|-------|--------|----------------|-------|-----|----|---|
| 63952 | 130 | 7 | 15 | 100 | 12 | ● |



ALICATE DE BOCAS SEMI-REDONDAS Y EXTRA LARGO / EXTRA-LONG REACH HALFROND NOSE PLIER / PINCES À BEC DEMI-ROUNDES EXTRA-LONGUES / STORCHSCHNABELZANGE EXTRA LANG / PINZA A BECCHI MEZZATONDA EXTRA-LUNGA / ALICATE DE PONTAS SEMI REDONDAS EXTRA LONGO / СВЕРХДЛИННЫЕ КРУГЛОГУБЦЫ

| COD. | L (mm) | ° | g | | |
|-------|--------|---|-----|---|---|
| 63954 | 280 | 0 | 300 | 6 | ● |



| COD. | L (mm) | ° | g | | |
|-------|--------|----|-----|---|---|
| 63955 | 275 | 45 | 250 | 6 | ● |



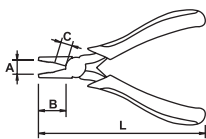
| COD. | L (mm) | ° | g | | |
|-------|--------|----|-----|---|---|
| 63956 | 260 | 90 | 270 | 6 | ● |



MINIS PARA ELECTRÓNICA / ELECTRONIC PLIERS / PINCES ELECTRONIQUES / ELEKTRONIK-ZANGEN / PINZE PER ELETTRONICA / ALICATE DE CORTE DIAGONAL TRIANGULAR PARA ELECTRÓNICA / ПЛОСКОГУБЦЫ ДЛЯ ЭЛЕКТРОНИКИ

TITACROM® BIMAT

UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | mm | mm | mm | g | | |
|-------|--------|--------|--------|--------|----|-----|----|----|---|---|
| 62241 | 125 | 19 | 21 | 8 | 2 | 1,5 | 1 | 70 | 6 | ● |

TITACROM® BIMAT | DIN 9655



Blando / Soft / Tendre
20 Kg/mm²



Medio / Medium / Moyen
75 Kg/mm²

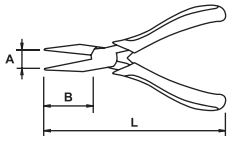


Duro / Hard / Dur
180 Kg/mm²



Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

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

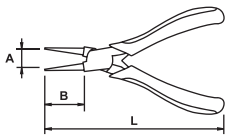


| COD. | L (mm) | A (mm) | B (mm) | | | |
|-------|--------|--------|--------|----|---|---|
| 62242 | 125 | 21 | 28 | 65 | 6 | ● |

TITACROM® **BMAT** | DIN 9655



BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

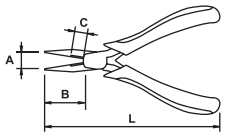


| COD. | L (mm) | A (mm) | B (mm) | | | |
|-------|--------|--------|--------|----|---|---|
| 62243 | 125 | 40 | 25 | 60 | 6 | ● |

TITACROM® **BMAT** | DIN 9655



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

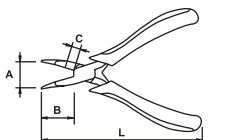


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|-------|--------|--------|--------|--------|---|-----|---|----|---|---|
| 62244 | 125 | 42 | 28 | 8 | 2 | 1,5 | 1 | 65 | 6 | ● |

TITACROM® **BMAT** | DIN 9655



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

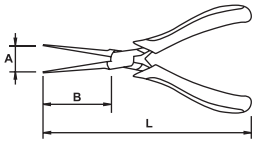


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | |
|-------|--------|--------|--------|--------|----|---|---|
| 62245 | 125 | 44 | 26 | 9 | 65 | 6 | ● |

TITACROM® **BMAT** | DIN 9655



BOCA AGUJA / LONG NEEDLE NOSE / LONG BECS DEMI-RONDS / FLACHZANGE MIT LANGEM MAUL / BECCHI TONDI AFFUSOLATI / PONTAS AGULHA / УДЛИНЕННЫЕ ТОНКИЕ

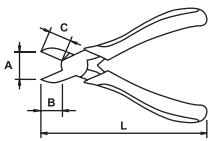


| COD. | L (mm) | A (mm) | B (mm) | | | |
|--------------|--------|--------|--------|----|---|---|
| 62246 | 150 | 65 | 48 | 65 | 6 | ● |

TITACROM® **BMAT** | DIN 9655



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

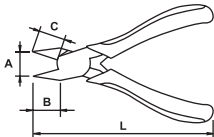


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|-----|-----|-----|----|---|---|
| 62247 | 115 | 13 | 15 | 13 | 1,6 | 1,2 | 0,5 | 60 | 6 | ● |

TITACROM® **BMAT** | DIN 9654



CORTE DIAGONAL TRIANGULAR / DIAGONAL CUTTING TRIANGULAR / COUPANTES DIAGONALE TRIANGULAIRE / SEITENSCHNEIDER / TAGLIO LATERALE TRIANGOLARE / CORTE DIAGONAL TRIANGULAR / БОКОРЕЗЫ ТРЕУГОЛЬНЫЕ

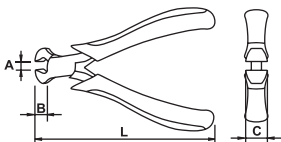


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|-----|-----|-----|----|---|---|
| 62248 | 115 | 25 | 14 | 13 | 1,6 | 1,2 | 0,5 | 60 | 6 | ● |

TITACROM® **BMAT** | DIN 9654



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



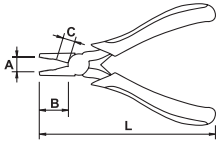
| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|---|---|-----|----|---|---|
| 62249 | 110 | 19 | 7,5 | 17 | 2 | 1 | 0,5 | 60 | 6 | ● |

TITACROM® **BMAT** | DIN 9654



DESCARGA ELECTROSTÁTICA / ELECTRO STATIC DISCHARGE / DÉCHARGE ÉLECTROSTATIQUE / ELEKTROSTATISCHE ABLADUNG / SCARICA ELETTRICITA STATICA / DESCARGA ELECTROSTÁTICA / РАЗРЯЖАТЕЛЬ СТАТИЧЕСКОГО ЭЛЕКТРИЧЕСТВА

UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ

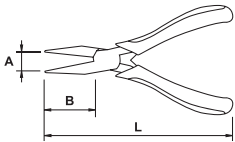


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|---|-----|---|----|----|---|
| 64730 | 120 | 25 | 22 | 8 | 2 | 1,5 | 1 | 75 | 12 | ● |

ESD



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

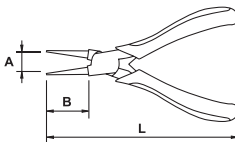


| COD. | L (mm) | A (mm) | B (mm) | | | |
|--------------|--------|--------|--------|----|----|---|
| 64731 | 135 | 38 | 36 | 90 | 12 | ● |

ESD



BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

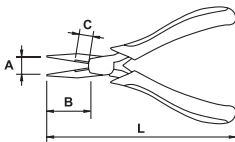


| COD. | L (mm) | A (mm) | B (mm) | | | |
|--------------|--------|--------|--------|----|----|---|
| 64732 | 130 | 47 | 27 | 75 | 12 | ● |

ESD



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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|---|-----|---|----|----|---|
| 64733 | 135 | 33 | 40 | 9 | 2 | 1,5 | 1 | 90 | 12 | ● |

ESD



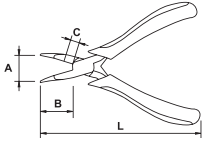
Blando / Soft / Tendre
20 Kg/mm²

Medio / Medium / Moyen
75 Kg/mm²

Duro / Hard / Dur
180 Kg/mm²

Cuerda piano / Piano wire / Corde de piano
230 Kg/mm²

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

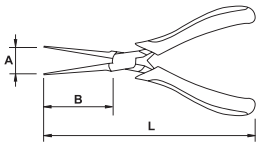


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|---|-----|---|----|----|---|
| 64734 | 135 | 31 | 36 | 9 | 2 | 1,5 | 1 | 90 | 12 | ● |

ESD BIMAT



BOCA AGUJA / LONG NEEDLE NOSE / LONG BECS DEMI-RONDS / FLACHZANGE MIT LANGEM MAUL / BECCHI TONDI AFFUSOLATI / PONTAS AGULHA / УДЛИНЕННЫЕ ТОНКИЕ

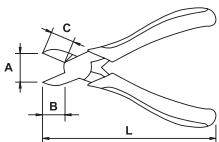


| COD. | L (mm) | A (mm) | B (mm) | | | |
|--------------|--------|--------|--------|----|----|---|
| 64735 | 155 | 70 | 47 | 85 | 10 | ● |

ESD BIMAT



CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИНЕННЫЕ ТОНКИ

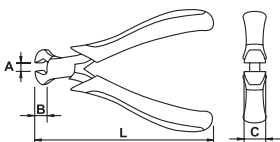


| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|-----|-----|-----|----|----|---|
| 64736 | 120 | 18 | 14 | 13 | 1,6 | 1,2 | 0,5 | 75 | 12 | ● |

ESD BIMAT



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



| COD. | L (mm) | A (mm) | B (mm) | C (mm) | | | | | | |
|--------------|--------|--------|--------|--------|---|---|-----|----|----|---|
| 64737 | 110 | 10 | 9 | 18 | 2 | 1 | 0,5 | 90 | 12 | ● |

ESD BIMAT



■ EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / DISPLAY STAND / СТЕНДЫ

■ TITACROM® BIMAT

| COD. | PCS. |
|-------|------|
| 62330 | 36 |

TITACROM® BIMAT

| PCS./UN. | COD. | PCS. |
|----------|-------|--------|
| 3 | 62331 | 160 mm |
| | 62332 | 180 mm |
| | 62333 | 200 mm |
| | 62337 | |
| | 62338 | 160 mm |
| | 62339 | |
| | 62340 | 200 mm |
| | 62341 | 160 mm |
| | 62342 | 200 mm |
| | 62343 | 160 mm |
| | 62344 | 180 mm |
| | 62345 | 160 mm |



■ MINIS PARA ELECTRÓNICA / ELECTRONIC PLIERS / PINCES ELECTRONIQUES / ELEKTRONIK-ZANGEN / PINZE PER ELETTRONICA / ALICATE DE CORTE DIAGONAL TRIANGULAR PARA ELECTRÓNICA / ПЛОСКОГУБЦЫ ДЛЯ ЭЛЕКТРОНИКИ

■ TITACROM® BIMAT

| COD. | PCS. |
|-------|------|
| 62265 | 36 |

TITACROM® BIMAT

| PCS./UN. | COD. | PCS. |
|----------|-------|--------|
| 6 | 62241 | |
| | 62242 | |
| 3 | 62243 | 125 mm |
| | 62244 | |
| | 62245 | |
| 6 | 62246 | 150 mm |
| | 62247 | |
| 3 | 62248 | 115 mm |
| | 62249 | 110 mm |



■ KITS

■ TITACROM® BIMAT

| COD. | PCS. | |
|-------|------|---|
| 69365 | 3 | A |
| 68475 | | B |

TITACROM® BIMAT

| PCS./UN. | COD. | PCS. |
|----------|-------|--------|
| 1 | 62332 | 180 mm |
| | 62343 | |
| | 62349 | 160 mm |



■ TITACROM® BIMAT

| COD. | PCS. | |
|-------|------|---|
| 69370 | 3 | A |
| 68476 | | B |

TITACROM® BIMAT

| PCS./UN. | COD. | PCS. |
|----------|-------|--------|
| 1 | 62332 | 180 mm |
| | 62343 | 160 mm |
| | 62446 | 250 mm |



TITACROM® BIMAT

| COD. | PCS. | |
|--------------|------|---|
| 69375 | 3 | A |
| 68477 | | B |

TITACROM® BIMAT

| PCS./UN. | COD. PCS. | |
|----------|-----------|--------|
| 1 | 62332 | 180 mm |
| | 62343 | 160 mm |
| | 62340 | 200 mm |



TITACROM® BIMAT

| COD. | PCS. | |
|--------------|------|---|
| 69380 | 3 | A |
| 68478 | | B |

TITACROM® BIMAT

| PCS./UN. | COD. PCS. | |
|----------|-----------|--------|
| 1 | 62332 | 180 mm |
| | 62343 | 160 mm |
| | 62143 | 250 mm |



TITACROM® BIMAT 1000V

| COD. | PCS. | |
|--------------|------|---|
| 76604 | 3 | A |
| 76605 | | B |

TITACROM® BIMAT

| PCS./UN. | COD. PCS. | |
|----------|-----------|--------|
| 1 | 76607 | 180 mm |
| | 76616 | 160 mm |
| | 76603 | |



CIRCLIPS

| COD. | PCS. |
|--------------|------|
| 68540 | 4 |

| PCS./UN. | COD. PCS. | O.D. mm | |
|----------|-----------|---------|--------|
| 1 | 62214 | 3-10 | 150 mm |
| | 62218 | | |
| | 62222 | 8-13 | |
| | 62226 | | |

| COD. | PCS. |
|--------------|------|
| 68542 | 4 |

| PCS./UN. | COD. PCS. | O.D. mm | |
|----------|-----------|---------|--------|
| 1 | 62183 | 19-60 | 180 mm |
| | 62182 | | 170 mm |
| | 62181 | | 180 mm |
| | 62180 | | 170 mm |

| COD. | PCS. |
|--------------|------|
| 68541 | 4 |

| PCS./UN. | COD. PCS. | O.D. mm | |
|----------|-----------|---------|--------|
| 1 | 62215 | 10-25 | 150 mm |
| | 62219 | | |
| | 62223 | | |
| | 62227 | | |



| COD. | PCS. |
|--------------|------|
| 62209 | 4 |

| PCS./UN. | COD. PCS. | O.D. mm |
|----------|-----------|------------|
| 1 | 62216 | 230 mm |
| | 62220 | 210 mm |
| | 62224 | 220 mm |
| | 62228 | 210 mm |

MINIS PARA ELECTRÓNICA / ELECTRONIC PLIERS / PINCES ELECTRONIQUES / ELEKTRONIK-ZANGEN / PINZE PER ELETTRONICA / ALICATE DE CORTE DIAGONAL TRIANGULAR PARA ELECTRÓNICA / ПЛОСКОГУБЦЫ ДЛЯ ЭЛЕКТРОНИКИ

TITACROM® BIMAT

| COD. | PCS. |
|--------------|------|
| 69434 | 3 |

TITACROM® BIMAT

| PCS./UN. | COD. PCS. | |
|----------|-----------|--------|
| 1 | 62249 | 110 mm |
| | 62241 | 125 mm |
| | 62247 | 115 mm |



| COD. | PCS. |
|--------------|------|
| 69433 | 8 |

TITACROM® BIMAT

| PCS./UN. | COD. PCS. | |
|----------|-----------|--------|
| 1 | 62244 | 125 mm |
| | 62245 | |
| | 62246 | 150 mm |
| | 62247 | 115 mm |
| | 62249 | 110 mm |
| | 66846 | 50 x 2 |
| | 66850 | PH-00 |
| 69530 | - | |



DESCARGA ELECTROSTÁTICA / ELECTRO STATIC DISCHARGE / DÉCHARGE ÉLECTROSTATIQUE / ELEKTROSTATISCHE ABLADUNG / SCARICA ELETTICITA STATICA / DESCARGA ELECTROSTÁTICA / РАЗРЯЖАТЕЛЬ СТАТИЧЕСКОГО ЭЛЕКТРИЧЕСТВА

| COD. | PCS. |
|--------------|------|
| 68898 | 8 |

BIMAT ESD

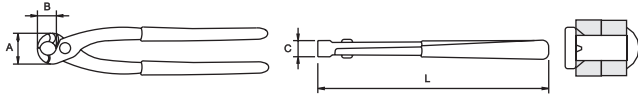
| PCS./UN. | COD. PCS. | Descripción / Description / Description | |
|----------|-----------|---|-----------|
| 1 | 64730 | Alicate universal ESD / ESD Combination plier | 115 mm |
| | 64736 | Alicate corte diagonal ESD / ESD Diagonal cutting plier | - |
| | 64733 | Alicate telefonista ESD / ESD Long nose plier | 135 mm |
| | 64742 | | 2 x 60 mm |
| | 64744 | | 3 x 60 mm |
| | 64747 | Destornilladores ESD / ESD Screwdrivers | PH00 |
| | 64748 | | PH0 |
| | 64749 | | PH1 |



■ **TENAZAS / PINCERS / PINCES / ZANGEN / TENAGLIE / ALICATES / КЛЕЩИ**

■ **TENAZA RUSA / TOWER PINCER / PINCE RUSSE / RABITZZANGE / TENAGLIA PER CEMENTISTI / TURQUES RUSSA / КЛЕЩИ**

■ **MASTERPLUS TITACROM®**

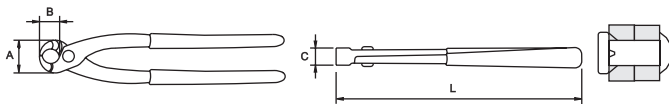


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|-----|---|---|
| 62123 | 9 | | | | 400 | | |
| 62124 | 10 | 35 | 12 | 23 | 410 | 6 | • |
| 62125 | 11 | 37 | 16 | 26 | 470 | | |



● **TITACROM®** | DIN 9242

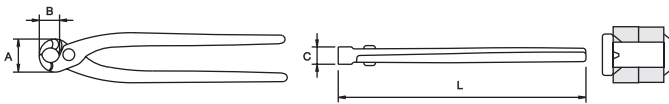
■ **MASTERPLUS**



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|-----|---|---|
| 62140 | 9 | | | | 400 | | |
| 62142 | 10 | 35 | 12 | 23 | 410 | 6 | • |
| 62138 | 11 | 37 | 16 | 26 | 470 | | |



● | DIN 9242

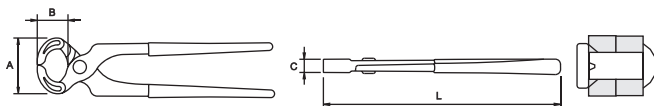


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|-----|---|---|
| 62141 | 9 | | | | 400 | | |
| 62143 | 10 | 35 | 12 | 23 | 410 | | |
| 62139 | 11 | 37 | 16 | 26 | 470 | 6 | • |
| 62126 | 13 | 40 | 19 | 22 | 740 | | |



● | DIN 9242

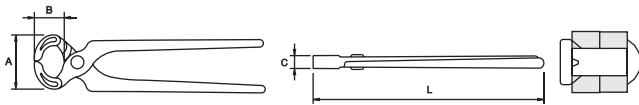
■ **TENAZA DE CARPINTERO / CARPENTER PINCER / PINCE DE MENUISIER / KANTENZANGE / TENAGLIA PER CARPENTIERI / TURQUES DE CARPINTEIRO / КЛЕЩИ ДЛЯ ПЛИТКИ**



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|-----|---|---|
| 62437 | 6 | 47 | 20 | 19 | 250 | | |
| 62438 | 7 | 50 | 24 | 20 | 310 | | |
| 62439 | 8 | 55 | 26 | 21 | 380 | 6 | • |
| 62440 | 9 | | 27 | 25 | 400 | | |



DIN 9243

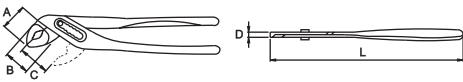


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|-----|----|---|
| 62144 | 6 | 47 | 20 | 19 | 250 | 10 | |
| 62145 | 7 | 50 | 24 | 20 | 310 | | |
| 62146 | 8 | 55 | 26 | 21 | 360 | | • |
| 62436 | 9 | | 27 | 25 | 400 | 6 | |

DIN 9243

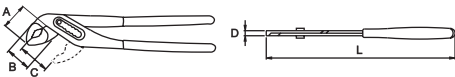


■ **TENAZA DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ШАРНИРНЫЕ**



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|----|---|
| 62133 | 7 | 28 | 28 | 25 | 7,0 | 165 | 12 | |
| 62135 | 10 | 32 | 36 | 34 | 7,0 | 400 | | • |
| 62134 | 12 | 43 | 38 | 46 | 8,0 | 600 | 6 | |

DIN 8976

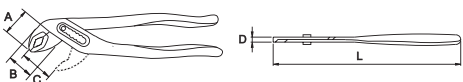


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|----|---|
| 62127 | 7 | 28 | 28 | 25 | 7,0 | 165 | 12 | |
| 62128 | 10 | 32 | 36 | 34 | 7,0 | 350 | | • |
| 62129 | 12 | 43 | 46 | 46 | 8,0 | 500 | 6 | |

DIN 8976



■ **BOCA FINA / NEAT TIPS / BECS FINS / FEINE BACKEN / A PUNTA FINE / PONTAS FINAS / ПИНЦЕТ ЗАОСТРЕННЫЙ**

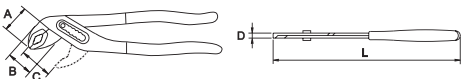


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|----|---|
| 62793 | 7 | 27 | 27 | 25 | 7,0 | 170 | 12 | |
| 62794 | 10 | 32 | 33 | 32 | 7,0 | 360 | | • |
| 62795 | 12 | 40 | 35 | 43 | 9,0 | 570 | 6 | |

DIN 8976



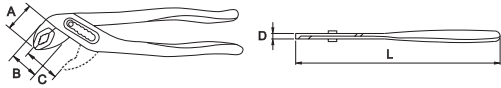
■ **CON MANGO / WITH HANDLE / AVEC MANCHE / MIT GRIFF / CON MANICO / COM CABO / С РУКОЯТКОЙ**



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|---|
| 68555 | 7 | 27,5 | 27 | 27 | 5 | 190 | | |
| 68556 | 10 | 32 | 33 | 36 | 7 | 380 | 6 | • |
| 68557 | 12 | 43 | 35,5 | 39 | 9 | 610 | | |



TITACROM®



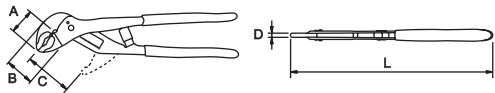
NI

| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|---|
| 68558 | 7 | 27,5 | 27 | 27 | 5 | 170 | | |
| 68559 | 10 | 32 | 33 | 36 | 7 | 350 | 6 | • |
| 68560 | 12 | 43 | 35,5 | 39 | 9 | 560 | | |



TITACROM®

AUTO GRIP

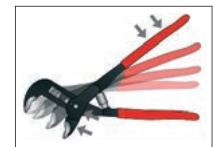


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|---|
| 62706 | 7 | 24 | 30 | 47 | 6 | 200 | | |
| 62707 | 10 | 30 | 39 | 59 | 7,5 | 350 | 6 | • |
| 62708 | 12 | 36 | 46 | 71 | 8 | 550 | | |

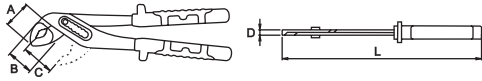
DIN 8976

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Con efecto muelle / With spring effect / Avec effet ressort



TITACROM® BIMAT

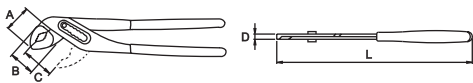


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|---|
| 62297 | 10 | 32 | 36 | 34 | 7,0 | 400 | 5 | • |
| 62298 | 12 | 43 | 46 | 46 | 8,0 | 610 | | |

TITACROM® BIMAT | DIN 8976

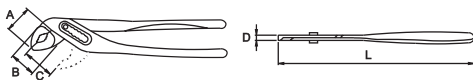


TITACROM®



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|---|
| 62294 | 10 | 32 | 36 | 34 | 7,0 | 400 | 6 | • |
| 62295 | 12 | 43 | 46 | 46 | 8,0 | 610 | | |

TITACROM® | DIN 8976



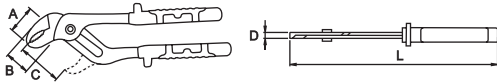
| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|----|---|
| 62291 | 10 | 32 | 36 | 34 | 7,0 | 400 | 12 | • |
| 62292 | 12 | 43 | 46 | 46 | 8,0 | 600 | 6 | • |

TITACROM® | DIN 8976



■ **PICO DE LORO / GROOVE JOINT / MULTIPRISE À CRÉMAILLÈRE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ЖЕЛОБКОВОГО ТИПА**

■ **TITACROM® BIMAT**

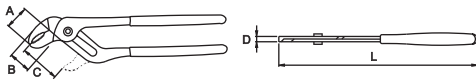


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|---|
| 62445 | 8 | 30 | 36 | 30 | 9,0 | 300 | | |
| 62446 | 10 | 34 | 40 | 36 | 10 | 460 | 5 | ● |
| 62447 | 12 | 43 | 48 | 48 | 11 | 700 | | |

TITACROM® **BIMAT** | DIN 8976



■ **TITACROM®**

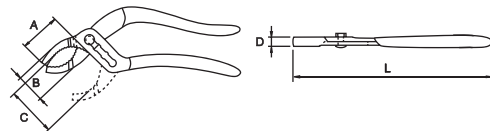


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | | | |
|-------|----------|--------|--------|--------|--------|------|---|---|
| 62105 | 8 | 30 | 36 | 30 | 9,0 | 240 | | |
| 62106 | 10 | 34 | 40 | 36 | 10 | 390 | | |
| 62107 | 12 | 43 | 48 | 48 | 11 | 600 | 6 | ● |
| 62108 | 16 | 70 | 60 | 85 | 12 | 1300 | | - |

TITACROM® | DIN 8976



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



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

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

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



■ **ALICATE TIPO FORD / SLIP JOINT PLIER / PINCE MOTORISTE / MECHANIKERZANGE / PINZE PER GASISTI / ALICATE MOTORISTA / СКОЛЬЗЯЩИЕ КЛЕЩИ**

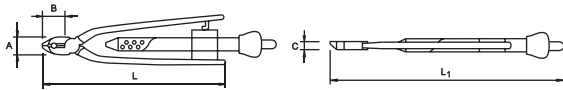


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|-----|---|---|
| 62090 | 6 | 29 | 3,0 | 10 | 200 | 6 | |
| 62091 | 8 | 31 | 8,0 | 12 | 275 | 7 | ● |
| 62092 | 10 | 39 | 8,0 | 12 | 430 | 8 | |

TITACROM®



■ **ALICATE TRENZADOR DE ALAMBRE / WIRE TWIST PLIER / PINCE À FREINER / DRAHTWIRBELZANGE / PINZA TORCIFILO / ALICATE TORCEDOR DE ARAME / КЛЕЩИ ДЛЯ ТРОСОВ**



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | L1 (mm) | g | | |
|-------|----------|--------|--------|--------|---------|-----|---|---|
| 62624 | 6 | 17 | 21 | 11 | 210 | 250 | | |
| 62625 | 9 | 21 | 27 | 12 | 270 | 380 | 6 | ● |

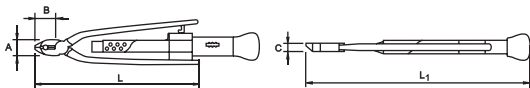


ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

Resistencia a la tracción / Tensile strength-break / Résistance à la traction

75 kg/mm2: hasta 1,5 mm - 120 Kg/mm2: hasta 1 mm - 200 Kg/mm2: hasta 0,5 mm alambre / 75 kg/mm2: up to 1.5 mm - 120 Kg/mm2: up to 1 mm - 200 Kg/mm2: up to 0,5 mm wire / 75 kg/mm2: jusqu'à 1.5 mm - 120 Kg/mm2: jusqu'à 1 mm - 200 Kg/mm2: jusqu'à 0,5 mm fil de fer

■ **REVERSIBLE / REVERSIBLE / RÉVERSIBLE / UMSCHALTBAR / REVERSIBILE / REVERSÍVEL / РЕВЕРСИВНЫЙ**



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | L1 (mm) | g | | |
|-------|----------|--------|--------|--------|---------|-----|---|---|
| 62627 | 6 | 17 | 21 | 11 | 235 | 250 | | |
| 62628 | 9 | 21 | 27 | 12 | 285 | 380 | 6 | ● |



ESPECIFICACIONES TÉCNICAS / TECHNICAL SPECIFICATION / DÉTAILS TECHNIQUES

Resistencia a la tracción / Tensile strength-break / Résistance à la traction

75 kg/mm2: hasta 1,5 mm - 120 Kg/mm2: hasta 1 mm - 200 Kg/mm2: hasta 0,5 mm alambre / 75 kg/mm2: up to 1.5 mm - 120 Kg/mm2: up to 1 mm - 200 Kg/mm2: up to 0,5 mm wire / 75 kg/mm2: jusqu'à 1.5 mm - 120 Kg/mm2: jusqu'à 1 mm - 200 Kg/mm2: jusqu'à 0,5 mm fil de fer

■ **REMACHADORA MANUAL / HAND RIVETER / PINCE À RIVETER MANUELLE / HANDNIETZANGE POP / RIVETTATRICE / REBITADORA MANUAL / ЗАКЛЕПОЧНИК РУЧНОЙ**

| COD. | L (mm) | CAP. Ø | | g | |
|-------|--------|--------|---------------|-----|---|
| 65857 | 260 | 2,4-5 | 2,4-3,2-4-4,8 | 550 | ● |



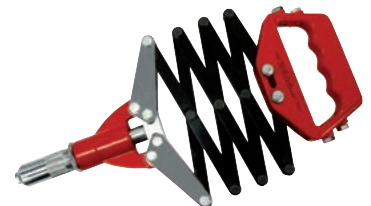
■ **REMACHADORA DE BRAZOS LARGOS / LONG ARM RIVETER / PINCE À RIVETER LONGS BRAS / LANGARM NIETZANGE / RIVETTATRICE CON BRACCIA LUNGHE / REBITADORA DE BRAÇOS / ЗАКЛЕПОЧНИК С ДЛИННЫМИ РУКОЯТКАМИ**

| COD. | L (mm) | CAP. Ø | | g | |
|-------|--------|---------|-----------------|------|---|
| 65858 | 560 | 3,2-6,4 | 3,2-4-4,8-6-6,4 | 1800 | ● |



■ **REMACHADORA EXTENSIBLE / EXTENDIBLE RIVETER / PINCE À RIVETER EXTENSIBLE / AUSZIEHBARE NIETZANGE / RIVETTATRICE ESTENSIBILE / REBITADORA EXTENSÍVEL / ЗАКЛЕПОЧНИК-ГАРМОШКА**

| COD. | L (mm) | CAP. Ø | | g | |
|-------|--------|---------|-----------------|------|---|
| 65859 | 820 | 3,2-6,4 | 3,2-4-4,8-6-6,4 | 1950 | ● |









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

■ TENAZA RUSA+TENAZA DE CARPINTERO / TOWER PINCER+CARPENTER PINCER / PINCE RUSSE+PINCE DE MENUISIER / RABITZZANGE+KANTENZANGE / TENAGLIA PER CEMENTISTI+TENAGLIA PER CARPENTIERI / TURQUES RUSSA+TURQUES DE CARPINTEIRO / КЛЕЩИ+КЛЕЩИ ДЛЯ ПЛИТКИ







■ 36 PCS.

| COD. | PCS. |
|--------------|------|
| 69427 | 36 |


| PCS./UN. | COD. PCS. | PCS. | |
|----------|-----------|------|--|
| 6 | 62141 | 9" |  |
| | 62143 | 10" |  |
| | 62140 | 9" |  |
| | 62142 | 10" |  |
| | 62123 | 9" |  |
| | 62124 | 10" |  |




| COD. | PCS. |
|--------------|------|
| 69430 | 36 |

| PCS./UN. | COD. PCS. | PCS. | |
|----------|-----------|------|--|
| 6 | 62123 | 9" |  |
| | 62124 | 10" |  |
| | 62140 | 9" |  |
| | 62142 | 10" |  |
| | 62438 | 7" |  |
| | 62439 | 8" |  |


| COD. | PCS. |
|--------------|------|
| 69428 | 36 |

| PCS./UN. | COD. PCS. | PCS. | |
|----------|-----------|------|--|
| 6 | 62144 | 6" |  |
| 12 | 62145 | 7" | |
| | 62146 | 8" | |
| 6 | 62436 | 9" | |

| COD. | PCS. |
|--------------|------|
| 69429 | 36 |

| PCS./UN. | COD. PCS. | PCS. | |
|----------|-----------|------|--|
| 6 | 62437 | 6" |  |
| 12 | 62438 | 7" | |
| | 62439 | 8" | |
| 6 | 62440 | 9" | |

| COD. | PCS. |
|--------------|------|
| 69424 | 36 |

| PCS./UN. | COD. PCS. | PCS. | |
|----------|-----------|------|--|
| 12 | 62141 | 9" |  |
| | 62143 | 10" | |
| | 62139 | 11" | |

| COD. | PCS. |
|--------------|------|
| 69425 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 12 | 62140 | 9" |
| | 62142 | 10" |
| | 62138 | 11" |



| COD. | PCS. |
|--------------|------|
| 69426 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 12 | 62123 | 9" |
| | 62124 | 10" |
| | 62125 | 11" |



■ **DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ШАРНИРНЫЕ**

■ **36 PCS.**

| COD. | PCS. |
|--------------|------|
| 69416 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 6 | 62133 | 7" |
| | 62135 | 10" |
| | 62134 | 12" |
| | 62127 | 7" |
| | 62128 | 10" |
| | 62129 | 12" |



| COD. | PCS. |
|--------------|------|
| 69417 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 6 | 62291 | 10" |
| | 62292 | 12" |
| | 62294 | 10" |
| | 62295 | 12" |
| | 62297 | 10" |
| | 62298 | 12" |



| COD. | PCS. |
|--------------|------|
| 69420 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 18 | 62291 | 10" |
| | 62292 | 12" |




| COD. | PCS. |
|--------------|------|
| 69421 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 18 | 62294 | 10" |
| | 62295 | 12" |




| COD. | PCS. |
|--------------|------|
| 69418 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 12 | 62133 | 7" |
| | 62135 | 10" |
| | 62134 | 12" |




| COD. | PCS. |
|--------------|------|
| 69419 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 12 | 62127 | 7" |
| | 62128 | 10" |
| | 62129 | 12" |




| COD. | PCS. |
|--------------|------|
| 69422 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 12 | 62105 | 8" |
| | 62106 | 10" |
| | 62107 | 12" |



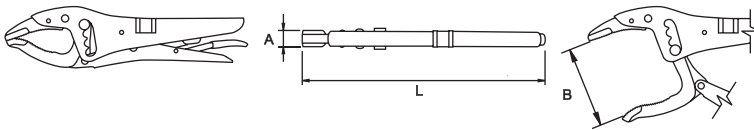
| COD. | PCS. |
|--------------|------|
| 69423 | 36 |

| PCS./UN. | COD. PCS. | |
|----------|-----------|-----|
| 12 | 62445 | 8" |
| | 62446 | 10" |
| | 62447 | 12" |



GRIP TITACROM®

TENAZA GRIP MULTIPOSICIÓN DE GRAN CAPACIDAD / MULTIPOSITION LARGE CAPACITY GRIP PLIER / PINCE ÉTAU GRANDE CAPACITÉ, MULTIPositionS / GRIPZANGE FÜR GROSSE DURCHMESSER / PINZA AUTOBLOCCANTE A DOPPIA REGOLAZIONE / ALICATE DE GRIF MULTIPOSICÃO DE GRANDE CAPACIDADE / МНОГОПОЗИЦИОННЫЕ ЗАЖИМНЫЕ ЩИПЦЫ GRIP С БОЛЬШОЙ ЕМКОСТЬЮ



| COD. | L (inch) | A (mm) | B (mm) | Max. (kg) * | | | |
|--------------|----------|--------|--------|-------------|-----|---|---|
| 62097 | 10 | 18 | 100 | 1135 | 650 | 8 | ● |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)

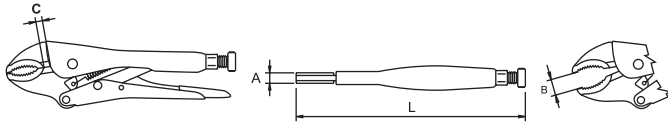


| COD. | L (inch) | A (mm) | B (mm) | Max. (daN) * | | | |
|--------------|----------|--------|--------|--------------|-----|---|---|
| 62096 | 10 | 18 | 80 | 310 | 760 | 8 | ● |

*: Máxima presión (daN) / Maximum pressure (daN) / Pression maximale (daN)



TENAZA GRIP CON CORTACABLES / GRIP PLIER WITH WIRE CUTTER / PINCE ÉTAU À COUPE / GRIPZANGE MIT DRAHTSCHNEIDER / PINZE A MORSETTO CON TAGLIACAVI / ALICATE DE GRIF CORTA CABOS / КЛЕЩИ ДЛЯ СВАРКИ С РЕЗКОЙ ПРОВОДОВ

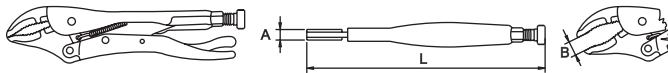


| COD. | L (inch) | A (mm) | B (mm) | Boca / Jaw / Bec | Max. (kg) * | g | | |
|-------|----------|--------|--------|-----------------------------|-------------|-----|---|---|
| 62179 | 4 | 7,0 | 25 | Curva / Curved / Courbée | 363 | 100 | 6 | ● |
| 62177 | 5 | 8,0 | 35 | | 408 | 160 | | |
| 62178 | 7 | 13 | 42 | | 1135 | 360 | | |
| 62172 | 10 | 14 | 65 | | 550 | | | |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



TENAZA GRIP BOCA CURVA SIN CORTACABLES / CURVED JAW GRIP PLIER WITHOUT WIRE CUTTER / PINCE ÉTAU SANS COUPE CABLE / GRIPZANGE MIT GEBOGEN BACKEN OHNE DRAHTSCHNEIDER / PINZE GRIP BOCCA CURVA SENZA TAGLIACAVI / ALICATE DE GRIF BOCA CURVA SEM CORTA CABOS / ИЗГНУТЫЕ КЛЕЩИ ДЛЯ СВАРКИ С РЕЗКОЙ ПРОВОДОВ

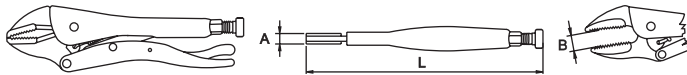


| COD. | L (inch) | A (mm) | B (mm) | Boca / Jaw / Bec | Max. (kg) * | g | | |
|-------|----------|--------|--------|-----------------------------|-------------|-----|---|---|
| 62260 | 7 | 9,0 | 42 | Curva / Curved / Courbée | 1135 | 350 | 6 | ● |
| 62261 | 9 | 11 | 52 | | | 500 | | |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



TENAZA GRIP BOCA RECTA / STRAIGHT JAW GRIP PLIER / PINCE ÉTAU BECS DROITS / GRIPZANGE MIT GERADE BACKEN / PINZE A MORSETTO DIRITTE / ALICATES DE GRIF BOCA RECTA / ПРЯМЫЕ КЛЕЩИ ДЛЯ СВАРКИ

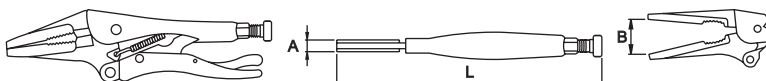


| COD. | L (inch) | A (mm) | B (mm) | Boca / Jaw / Bec | Max. (kg) * | g | | |
|-------|----------|--------|--------|------------------------------|-------------|-----|---|---|
| 62414 | 7 | 14 | 45 | Recta / Straight / Droite | 1135 | 350 | 6 | ● |
| 62231 | 10 | 16 | 60 | | | 500 | | |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



BOCAS LARGAS / LONG NOSE JAWS / BECS LONGS / GRIPZANGE MIT LANGEN BACKEN / PINZE A MORSETTO PIATTO / PONTAS COMPRIDAS / КЛЕЩИ ДЛЯ СВАРКИ С ДЛИННЫМИ НОСАМИ

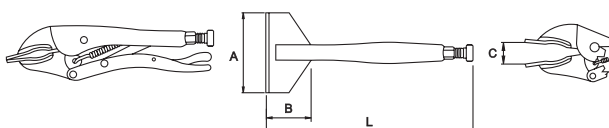


| COD. | L (inch) | A (mm) | B (mm) | Max. (kg) * | g | | |
|-------|----------|--------|--------|-------------|-----|---|---|
| 62485 | 6,5 | 8,0 | 60 | 204 | 185 | 6 | ● |
| 62486 | 8,5 | 10 | 75 | 408 | 360 | | |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



CON MORDAZAS PARA CHAPA / SHEET METAL GRIP PLIER / POUR TOLE / GRIPZANGE FÜR STAHLPLATTEN / CON MORSA PER LAMIERE / COM MORDENTES PARA CHAPA / КЛЕЩИ ДЛЯ СВАРКИ ЛИСТОВ МЕТАЛЛА



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | Max. (kg) * | g | | |
|-------|----------|--------|--------|--------|-------------|-----|---|---|
| 62487 | 8 | 80 | 42 | 17 | 454 | 490 | 4 | ● |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



CON MORDAZAS PARA SOLDADURA / WELDING GRIP PLIER / POUR CORNIERE / SCHWEISSERGRIPZANGE / CON MORSA PER SOLDATURA / COM MORDENTES PARA SOLDADURA / КЛЕЩИ ДЛЯ СВАРКИ

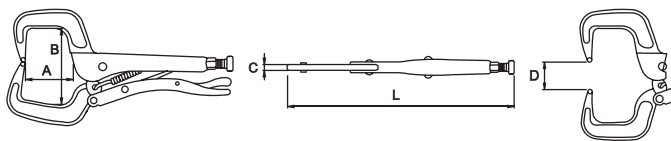


| COD. | L (inch) | A (mm) | B (mm) | Max. (kg) * | | | |
|-------|----------|--------|--------|-------------|-----|---|---|
| 62508 | 9 | 70 | 26 | 227 | 600 | | |
| 62509 | 11 | 75 | 35 | 227 | 800 | 2 | ● |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



CON MORDAZAS EN "C" / "C" CLAMPS GRIP PLIER / PINCE-ÉTAU COL DE CYGNE / GRIPZANGE MIT "C" BACKEN / PINZE A MORSETTO A FORMA DI "C" / COM MORDENTES EM "C" / КЛЕЩИ ДЛЯ СВАРКИ С ЗАЖИМОМ "C"

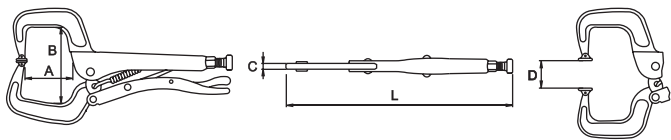


| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | Max. (kg) * | | | |
|-------|----------|--------|--------|--------|--------|-------------|-----|---|---|
| 62492 | 11 | 75 | 100 | 7,0 | 50 | 408 | 750 | 6 | ● |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



CON MORDAZAS EN "C" BASCULANTES / "C" CLAMPS SWIVEL PADS GRIP PLIER / PINCE-ÉTAU A MACHOIRES BASCULANTES / GRIPZANGE MIT SCHWENKBACKEN / PINZE A MORSETTO BASCULANTE / COM MORDENTES EM BASCULANTES / КЛЕЩИ ДЛЯ СВАРКИ С ЗАЖИМОМ "C" И С ПОВОРОТНЫМИ ГУБКАМИ



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | D (mm) | Max. (kg) * | | | |
|-------|----------|--------|--------|--------|--------|-------------|------|---|---|
| 62489 | 7 | 55 | 55 | 5,0 | 15 | 227 | 270 | | ● |
| 62490 | 11 | 70 | 95 | 6,0 | 45 | 408 | 800 | 6 | ● |
| 62491 | 18 | 250 | 100 | 12 | 120 | 1135 | 1450 | | - |

*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)



TENAZA GRIP CON CADENA / GRIP PLIER WITH CHAIN / PINCE ÉTAU À CHAÎNE / GRIPZANGE MIT KETTE / PINZE A MORSETTO CON CATENA / ALICATES DE GRIF COM CORRENTE / КЛЕЩИ ДЛЯ СВАРКИ С ЦЕПНЫМ ЗАЖИМОМ



| COD. | L (inch) | A (mm) | B (mm) | C (mm) | | | |
|-------|----------|--------|--------|--------|--------|-----|---|
| 62174 | 9 | 150 | 13 | 7,0 | 20 | 750 | 1 |
| 62601 | | 215 | | | 27.1/2 | 850 | |



EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / DISPLAY STAND / СТЕНДЫ

25 PCS.

| COD. | PCS. |
|-------|------|
| 55572 | 25 |

| PCS./UN. | COD. PCS. | 10" |
|----------|-----------|-----|
| 25 | 62097 | |



30 PCS.

| COD. | | PCS. | |
|--------------|-----------|------|-----|
| 55573 | | 30 | |
| PCS./UN. | COD. PCS. | | |
| 6 | 62260 | | 7" |
| | 62261 | | 9" |
| | 62231 | | 10" |
| | 62178 | | 7" |
| 62172 | | 10" | |

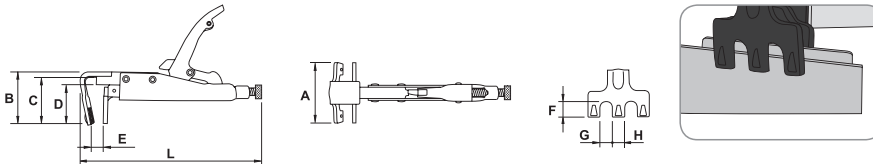


22 PCS.

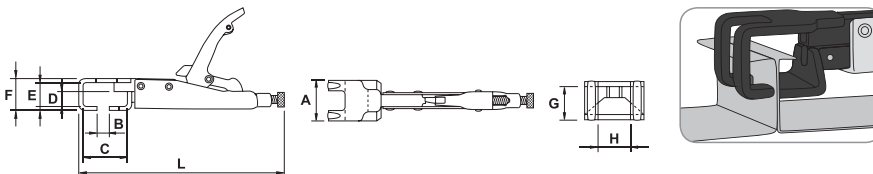
| COD. | | PCS. | |
|--------------|-----------|------|------|
| 55574 | | 22 | |
| PCS./UN. | COD. PCS. | | |
| 6 | 62177 | | 5" |
| | 62485 | | 6,5" |
| | 62486 | | 8,5" |
| 2 | 62487 | | 8" |
| | 62508 | | 9" |



TENAZAS AXIALES / AXIAL GRIP PLIERS / PINCE-ETAU AXIALE / AXIALE SCHWEISS-GRIPZANGE / PINZE ASSIALI / ALICATE PRESSÃO AXIAL / АКСИАЛЬНЫЕ КЛЕЩИ

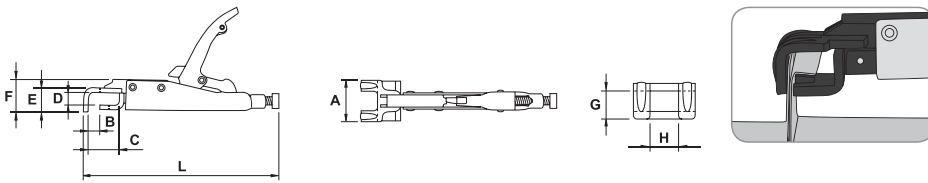


| COD. | Tipo / Type / Type | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | | |
|--------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---|
| 56180 | W | 200 | 70 | 56 | 53 | 40 | 12 | 18 | 14 | 14 | 550 | 1 |

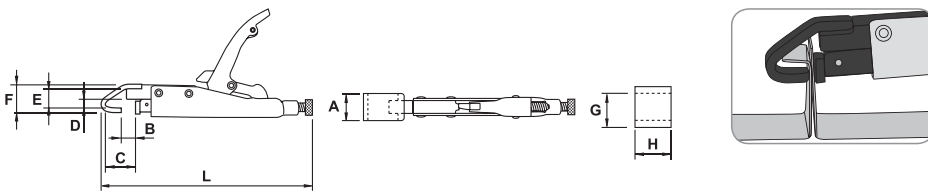


| COD. | Tipo / Type / Type | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | | |
|--------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---|
| 56181 | JJ | 212 | 46 | 13 | 49 | 17 | 26 | 37 | 31 | 20 | 550 | 1 |

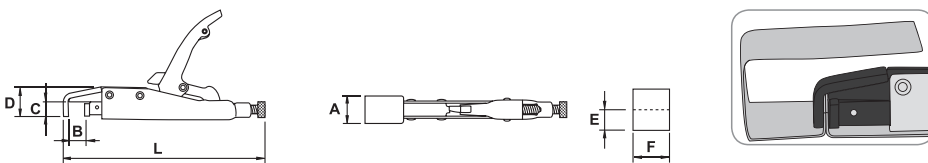




| COD. | Tipo / Type / Type | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | | |
|--------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---|
| 56182 | LL | 212 | 46 | 13 | 34 | 14 | 26 | 37 | 21 | 21 | 550 | 1 |



| COD. | Tipo / Type / Type | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | | |
|--------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|---|
| 56183 | J | 212 | 25 | 14 | 31 | 9 | 19 | 31 | 24 | 25 | 550 | 1 |



| COD. | Tipo / Type / Type | L (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | | |
|--------------|--------------------------|--------|--------|--------|--------|--------|--------|--------|-----|---|
| 56184 | L | 196 | 25 | 14 | 13 | 30 | 13 | 25 | 550 | 1 |

