

3

ALICATES  
PLIERS  
PINCES  
ZANGEN  
PINZE  
ALICATES  
ПЛОСКОГУБЦЫ

**MASTERCUT**




**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.*

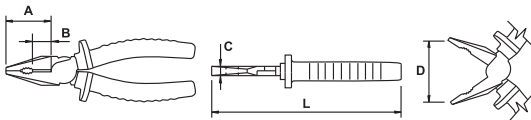
### ■ CARACTERISTIQUES

- 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.



### ■ MASTERCUT TITACROM® BIMAT

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

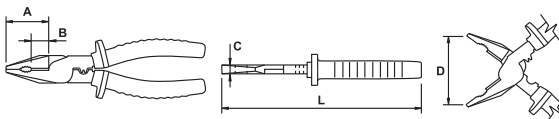


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62495	165	35	14	10	39	3,5	2,5	2	220		
62496	180	40	16	11	50	4			230	6	●
62479	210	44	19		60	4,5	2,8	2,2	280		

**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)						
62480	235	43	19	13	55	5	3	2,5	380	6	●

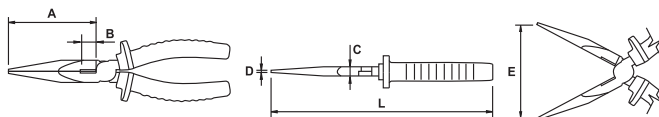
**TITACROM® BIMAT** | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



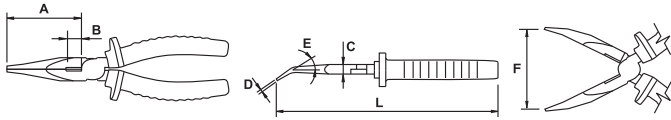
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)							E (mm)
62498	160	55	11	9,5	2,5	3	2	1,5	170	6	●	46
62499	200	75	15		3	3,5	2,5	2	210			70







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

#### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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


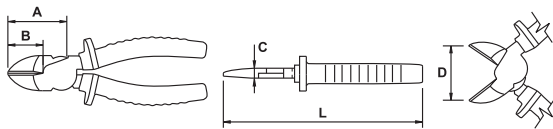
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (°)	F (mm)						
62500	160	50	13	9,5	3	32	41	3	2	1,5	170	6	•
62501	200	75	14	9,5	3	32	90	3,5	2,5	2	210	6	•









**TITACROM® B.M.A.T.**  | 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**


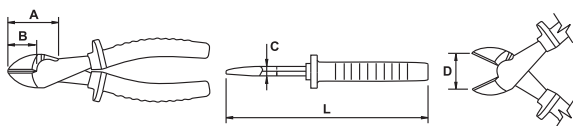
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62299	160	37	23	11	35	3	2,5	2	210	6	•
62350	190	40	25	11	29	3,5	2,7	2,2	250	6	•









**TITACROM® B.M.A.T.**  | 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	40	21	12	22	4	3	2,5	380	6	•



**TITACROM® B.M.A.T.**  | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

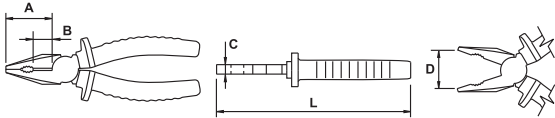
**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**







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		

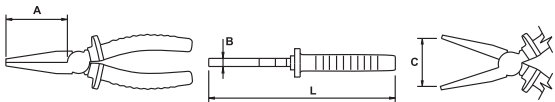
TITACROM® BIMAT  | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré




## 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	●

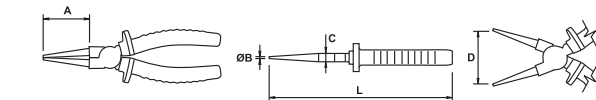
TITACROM® BIMAT  | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré




## CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



## ■ BOCA REDONDA / ROUND NOSE / BECS RONDS / 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	●

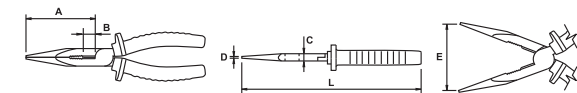
TITACROM® BIMAT  | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré







## CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



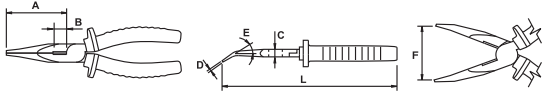
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)						
62339	160	48	12	9,5	2,3	50	2,5	1,6	1	170	6	●
62340	200	70	14	10,5	2,6	80	3,2	2,2	1,5	210		







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

## CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



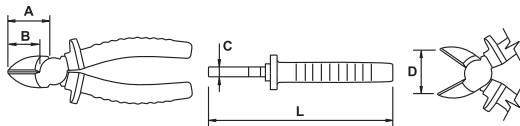
**TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / C ИЗОГНУТЫМИ НОСАМИ**








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


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

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

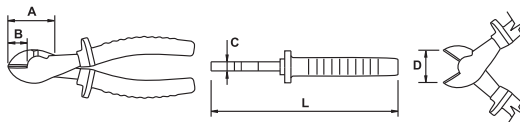
**CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИНЕННЫЕ ТОНКИ**








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


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

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

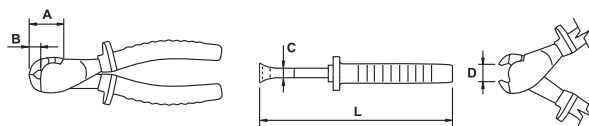
**CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCÉS / VERSTÄRKTER SEITENSCHNEIDER / TAGLIO LATERALE RINFORZATO / CORTE DIAGONAL REFORÇADO / УСИЛЕННЫЕ БОКОРЕЗЫ**








COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>62344</b>	180	43	21	11	25	3,2	2,5	2	350	6	•
<b>62370</b>	200	48			21	3,5	2,7	2,2	380		


**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**


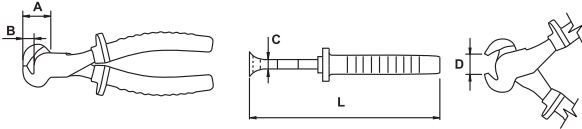
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>62345</b>	160	27	9	11	9	3	2,5	2	250	6	•








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

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



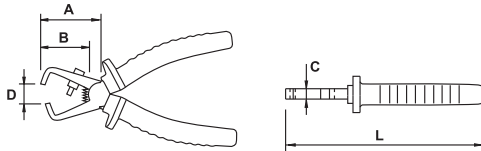
**CORTE FRONTAL ELECTRICISTA / END CUTTING NIPPER (ELECTRICIAN) / COUPANTES DEVANT ELECTRICIEN / ELEKTRIKER VORSCHNEIDER / TAGLIO FRONTALE PER ELETTRICISTI / CORTE FRONTAL ELECTRICISTA / КЛЕЩИ (ЭЛЕКТРИЧЕСКИЕ)**






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



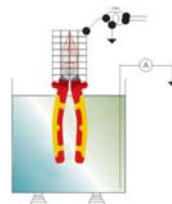
# EGGA Master

## ART IN INNOVATION



## MASTERCUT TITACROM® BIMAT 1000V

1000V  IEC 60900



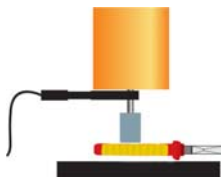
Test dieléctrico a 10.000V  
Dielectric test at 10.000V  
Test diélectrique a 10.000V  
Hochspannungstest 10.000V  
Test dielettrico a 10.000V  
Teste electrico 10.000V  
Диэлектрический тест на 10.000в



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 combustibilitat  
Hitzenbeständigkeitsprüfung  
Test di diffusione della fiamma  
Teste de propagação de chama  
Тест на термическую стойкость

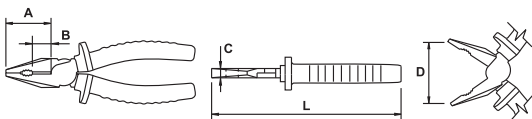









Test de penetración  
Penetration test  
Test de penetration  
Di-Elektrische Prüfung  
Prova dielettrica  
Teste de penetração  
Тест на антикоррозионную устойчивость



Test de impact  
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	39	3,5			220	
76607		180	40	16	11	50	4	2,5	2	230	6
76609		210	44	19	11	60	4,5	2,8	2,2	280	

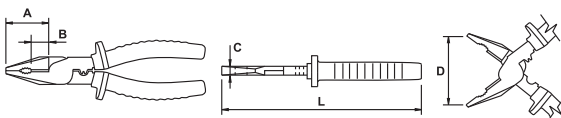








TITACROM® BIMAT  1000V | IEC 60900 | DIN 5746

Modelo registrado / Registered model / Modèle enregistré

### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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 | IEC 60900 | DIN 5746

Modelo registrado / Registered model / Modèle enregistré

### CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

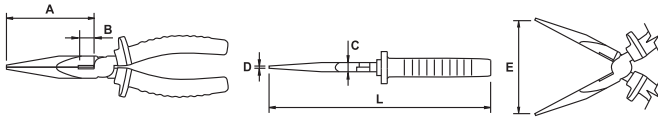
 Blando / Soft / Tendre  
20 Kg/mm<sup>2</sup>







 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>



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


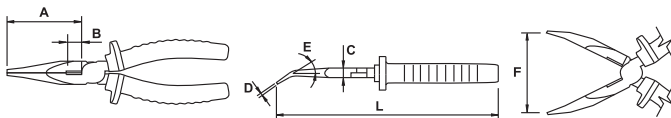
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)						
<b>76612</b>	160	55	11	9,5	2,5	46	3	2	1,5	170	6	●
<b>76613</b>	200	75	15		3	70	3,5	2,5	2	210		








**TITACROM® 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 / C ИЗОГНУТЫМИ НОСАМИ**


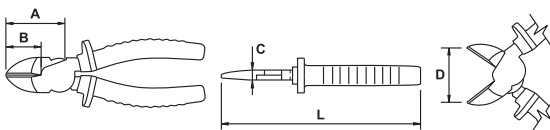
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (°)	F (mm)						
<b>76614</b>	160	50	13	9,5	3	41	32	3	2	1,5	170	6	●
<b>76615</b>	200	75	14			3		90	3,5	2,5	2		








**TITACROM® 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 / УДЛИНЕННЫЕ ТОНКИЕ**


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

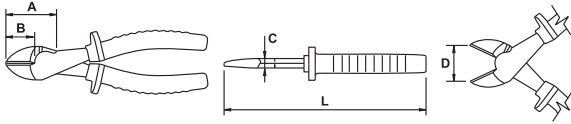

**TITACROM® B MAT**  **1000V** | IEC 60900 | DIN 5749







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**


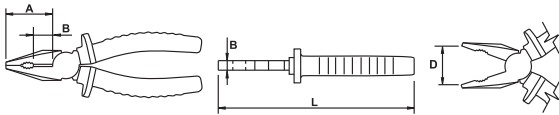
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76618</b>	180				24	3,5	2,7	2,2	350		
<b>76619</b>	200	40	21	12	22	4	3	2,5	380	6	•








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

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

**TITACROM® BIMAT 1000V**
**UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ**


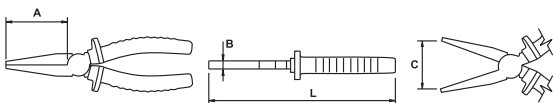
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
<b>76582</b>	165	36	15	10	38	3	2		240		
<b>76583</b>	180	38	14	11	41	3,5	2,2	1,5	280	6	•
<b>76584</b>	200	43	17	12	50	4	2,5	2	330		





**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	•

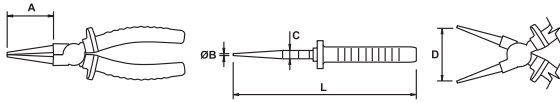

**TITACROM® BIMAT**   **1000V** | IEC 60900 | DIN 5745




Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



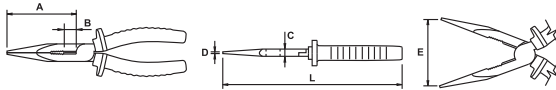
**BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ**









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

**TITACROM® BMAT**  **1000V** | IEC 60900 | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

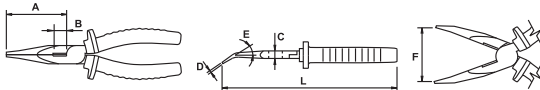

**TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ**








COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)							
<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® BMAT**  **1000V** | IEC 60900 | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

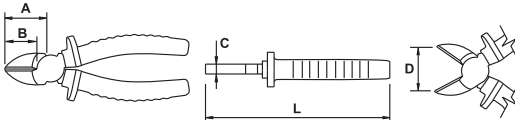

**TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / ИЗОГНУТЫМИ НОСАМИ**









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® BMAT**  **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 / УДЛИНЕННЫЕ ТОНКИЕ**


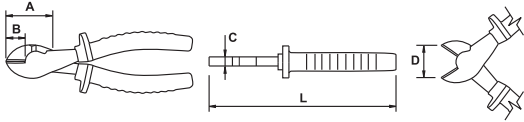
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)							
<b>76595</b>	160	25	20	10	25	3	2,2	1,5	205	6	•	•
<b>76596</b>	190	32	26	11	29	3,2	2,5	2	250	6	•	•








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


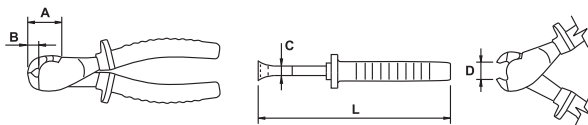
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)							
<b>76597</b>	180	43	21	11	25	3,2	2,5	2	350	6		•
<b>76598</b>	200	48	21	11	21	3,5	2,7	2,2	380	6		•









**TITACROM® 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**


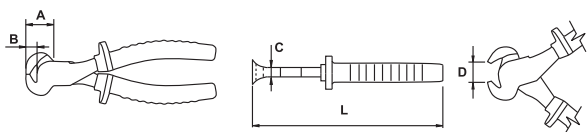
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)							
<b>76599</b>	160	27	9	11	9	3	2,5	2	250	6		•









**TITACROM® 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 ELECTRICISTA / КЛЕЩИ (ЭЛЕКТРИЧЕСКИЕ)**


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

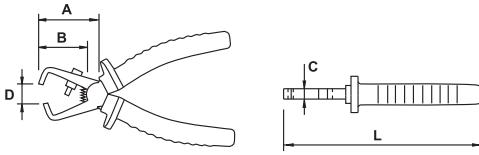

**TITACROM® BMAT**   1000V | IEC 60900 | DIN 5748

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V



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


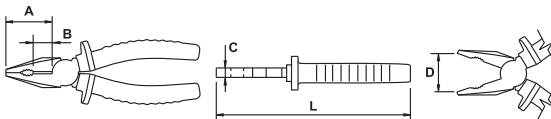
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	O.D. mm	g	mm	mm	mm
<b>76603</b>	160	44	37	9	21	0,5-6	170	6	•	•

**TITACROM<sup>®</sup> Bimat**   1000V | IEC 60900 | DIN 5743

Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

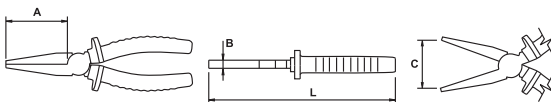

**■ PULIDOS BIMAT / POLISHED BIMAT / POLIE BIMAT / GESCHLIEFEN BIMAT / FINITURA LUCIDA BIMAT / POLIDOS BIMAT / ОТПОЛИРОВАНО BIMAT**
**■ UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ**


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	mm	mm	mm	g	mm	mm
<b>62450</b>	160	36	15	10	38	3	2	1,5	240	•	•
<b>62451</b>	180	38	14	11	41	3,5	2,2	1,5	280	6	•
<b>62452</b>	200	43	17	12	50	4	2,5	2	330	•	•

**Bimat**  | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cr-V

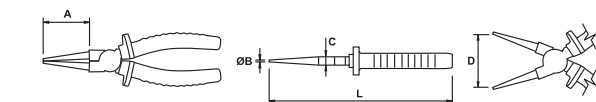

**■ BOCA PLANA / FLAT NOSE / BECS PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ**


COD.	L (mm)	A (mm)	B (mm)	C (mm)	g	mm	mm
<b>62453</b>	160	55	8,5	40	150	6	•

**Bimat**  | DIN 5745 | 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)	g	mm	mm
<b>62454</b>	160	41	2	10	39	140	6	•

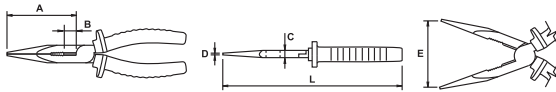
**Bimat**  | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

**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)						
62455	160	48	12	9,5	2,3	50	2,5	1,6	1	150	6	•
62456	200	70	14	10,5	2,6	80	3,2	2,2	1,5	190	6	•

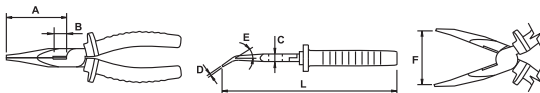
**BMAT** | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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)						
62457	160	41	12	9,0	2,7	32	47	2,5	1,6	1	150	6	•
62458	200	65	14	11	3,3		70	3,2	2,2	1,5	190	6	•

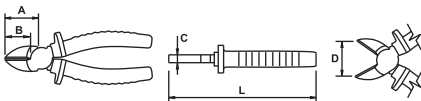
**BMAT** | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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	•

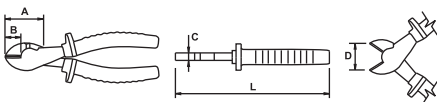
**BMAT** | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES RENFORCEÉS / 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	•

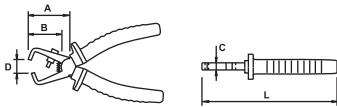
**BMAT** | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

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. ELECTRICISTA / 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, GERADE / DIRITTA PER ESTERNI / EXTERIOR DIREITO / НАРУЖНЫЕ ПРЯМЫЕ

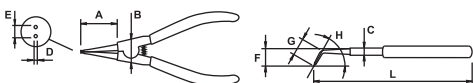


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)				
62214	150	36	23	8,5	0,9	3,8	3-10	105		
62215				9,5	1,2	4,5	10-25			
62183	175	43	25		1,8		19-60	140	6	•
62216	230	55	29	11	2,4	5,5	40-100	280		
62217	320	75	37	13	3,1	9,0	85-200	470		-

DIN 5254



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

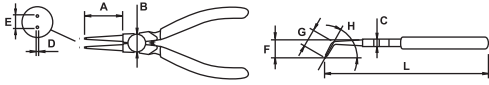


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (°)				
62218										3-10	105		
62219	145	30	22	8,5	0,9	4,5	14	15	50	10-25			
62182	170	37	25	9,5	1,8	7,0	18	18		19-60	140	6	•
62220	210		28	11	2,2		24	20	90	40-100	280		
62221	300	49	37	14	3,2	9,5	34	30		85-200	490		-

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
<b>62226</b>	150	28	16	9,0	1,3	15	16	15	50	8-13	100		
<b>62227</b>	170	33	18	10,0	1,7	16	20	17	50	12-25	150	6	●
<b>62180</b>	215	35	25	11	2,1	50	24	24	90	19-60	270		
<b>62228</b>	300	48	28	13	3	75	33	33	90	40-100	420		
<b>62229</b>										85-200	420		-

DIN 5256



■ **INTERIOR RECTO / INTERNAL STRAIGHT / INTERIEUR DROIT / INNENSICHERUNGRINGE, 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	Icon 3
<b>62222</b>	150	36	16	8,5	1,2	17	8-13	100			
<b>62223</b>	175	44	18	9,5	1,8	21	12-25	145	6	●	
<b>62181</b>	230	50	24	11	2,2	75	19-60	270			
<b>62224</b>	330	70	27	13	2,9	80	40-100	420			
<b>62225</b>							85-200	420			-

DIN 5256



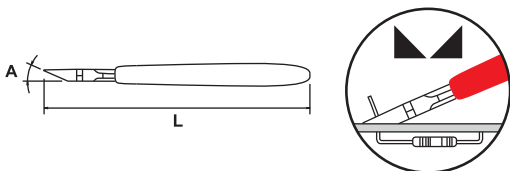
■ **MULTI CIRCLIPS**



COD.	L (mm)	O.D. mm	g	Icon 1	Icon 2
<b>62213</b>	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**



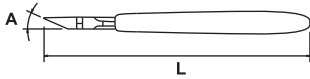
COD.	L (mm)	Max Cu-Ni	A (°)	g	Icon 1	Icon 2
<b>63950</b>	130	1,2	25	70	12	●

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cabeza redondeada / Rounded head / Tête ronde







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

**CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES**

Cabeza triangular / Triangle shaped head / Tête triangulaire



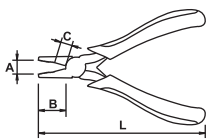
COD.	L (mm)	Max Plastic	A (°)	g		
<b>63952</b>	130	7	15	100	12	●


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

COD.	L (mm)	°C	g		
<b>63954</b>	280	0	300	6	●

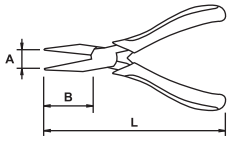
COD.	L (mm)	°C	g		
<b>63955</b>	275	45	250	6	●

COD.	L (mm)	°C	g		
<b>63956</b>	260	90	270	6	●

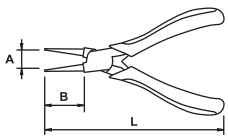

**MINIS PARA ELECTRÓNICA / ELECTRONIC PLIERS / PINCES ELECTRONIQUES / ELEKTRONIK-ZANGEN / PINZE PER ELETTRONICA / ALICATE DE CORTE DIAGONAL TRIANGULAR PARA ELECTRÓNICA / ПЛОСКОГУБЦЫ ДЛЯ ЭЛЕКТРОНИКИ**
**TITACROM® BIMAT**
**UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ**


COD.	L (mm)	A (mm)	B (mm)	C (mm)	mm	mm	mm	g		
<b>62241</b>	125	19	21	8	2	1,5	1	70	6	●

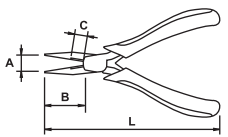
**TITACROM® BIMAT | DIN 9655**


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


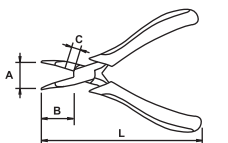
COD.	L (mm)	A (mm)	B (mm)			
<b>62242</b>	125	21	28	65	6	●




TITACROM® **ВМАТ** | DIN 9655
**BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ**


COD.	L (mm)	A (mm)	B (mm)			
<b>62243</b>	125	40	25	60	6	●

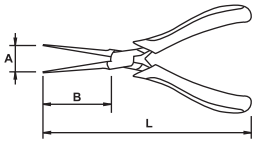
TITACROM® **ВМАТ** | DIN 9655
**TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ НОСАМИ**


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>62244</b>	125	42	28	8	2	1,5	1	65	6	●

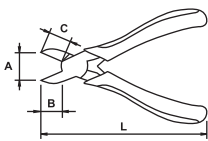
TITACROM® **ВМАТ** | DIN 9655
**TELEFONISTA BOCA CURVA / BENT NOSE PLIERS / TÉLÉPHONE BECS COUDÉS / TELEFONZANGEN GEBOGEN / TELEFONISTI BECCHI PIEGATI / TELEFONISTA PONTAS CURVAS / С ИЗОГНУТЫМИ НОСАМИ**








COD.	L (mm)	A (mm)	B (mm)	C (mm)			
<b>62245</b>	125	44	26	9	65	6	●

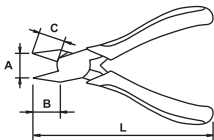
TITACROM® **ВМАТ** | DIN 9655Blando / Soft / Tendre  
20 Kg/mm<sup>2</sup>Medio / Medium / Moyen  
75 Kg/mm<sup>2</sup>Duro / Hard / Dur  
180 Kg/mm<sup>2</sup>Cuerda piano / Piano wire / Corde de piano  
230 Kg/mm<sup>2</sup>







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


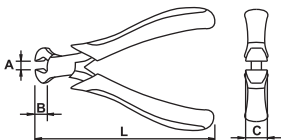
COD.	L (mm)	A (mm)	B (mm)			
<b>62246</b>	150	65	48	65	6	●

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)						
<b>62247</b>	115	13	15	13	1,6	1,2	0,5	60	6	●

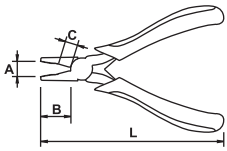
TITACROM® **BMAT** | DIN 9654
**CORTE DIAGONAL TRIANGULAR / DIAGONAL CUTTING TRIANGULAR / COUPANTES DIAGONALE TRIANGULAIRE / SEITENSCHNEIDER / TAGLIO LATERALE TRIANGOLARE / CORTE DIAGONAL TRIANGULAR / БОКОРЕЗЫ ТРЕУГОЛЬНЫЕ**


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>62248</b>	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**


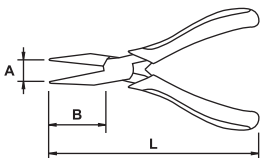
COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>62249</b>	110	19	7,5	17	2	1	0,5	60	6	●




TITACROM® **BMAT** | DIN 9654

**CROMADO NEGRO BIMAT / BLACK CHROME PLATING BIMAT / CHROME NOIR BIMAT / SCHWARZ VERCHROMT BIMAT / BRUNITO BIMAT / BRUNIDOS BIMAT / ПОКРЫТИЕ ЧЕРНЫЙ ХРОМ BIMAT**
**UNIVERSALES / COMBINATION / UNIVERSELLES / KOMBIZANGEN / UNIVERSALI / UNIVERSAIS / КОМБИНИРОВАННЫЕ**


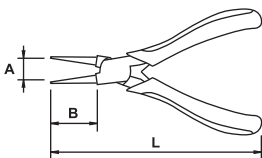
COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>62523</b>	125	19	21	8	2	1,5	1	70	6	●

**BIMAT** | DIN 9655

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


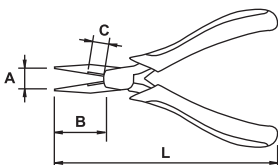
COD.	L (mm)	A (mm)	B (mm)			
<b>62524</b>	125	21	28	65	6	●

**BIMAT** | DIN 9655

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


COD.	L (mm)	A (mm)	B (mm)			
<b>62525</b>	125	40	25	60	6	●

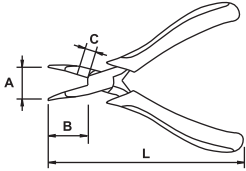
**BIMAT** | DIN 9655

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


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>62526</b>	125	42	28	8	2	1,5	1	65	6	●

**BIMAT** | DIN 9655


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

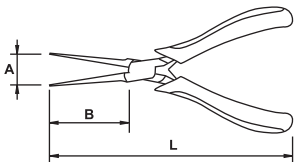


COD.	L (mm)	A (mm)	B (mm)	C (mm)			
62527	125	44	26	9	65	6	●

**BITAT** | DIN 9655



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

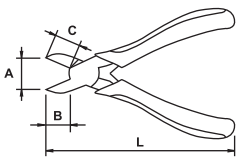


COD.	L (mm)	A (mm)	B (mm)			
62528	150	65	48	65	6	●

**BITAT** | DIN 9655



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

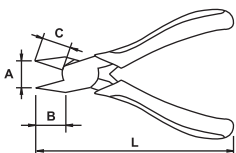


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62529	115	13	15	13	1,6	1,2	0,5	60	6	●

**BITAT** | DIN 9654



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

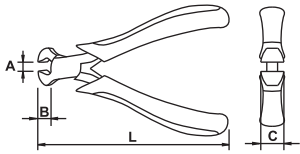


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62530	115	25	14	13	1,6	1,2	0,5	60	6	●

**BITAT** | DIN 9654



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



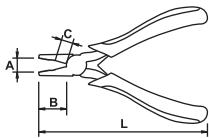
COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62531	110	19	7,5	17	2	1	0,5	60	6	●

BiMAT | 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

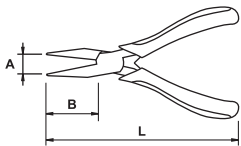


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
64730	120	25	22	8	2	1,5	1	75	12	●

ESD



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

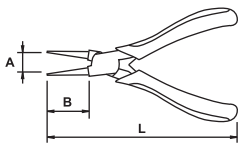


COD.	L (mm)	A (mm)	B (mm)			
64731	135	38	36	90	12	●

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

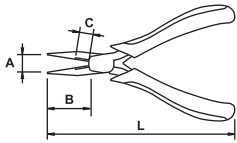



Blando / Soft / Tendre  
20 Kg/mm<sup>2</sup>

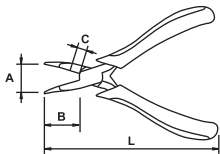
Medio / Medium / Moyen  
75 Kg/mm<sup>2</sup>







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

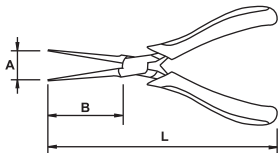
Cuerda piano / Piano wire / Corde de piano  
230 Kg/mm<sup>2</sup>


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


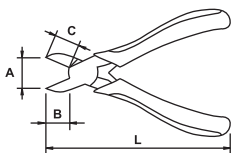
COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>64733</b>	135	33	40	9	2	1,5	1	90	12	●







ESD 
**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)						
<b>64734</b>	135	31	36	9	2	1,5	1	90	12	●

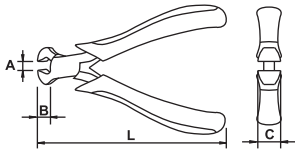
ESD 
**BOCA AGUJA / LONG NEEDLE NOSE / LONG BECS DEMI-RONDS / FLACHZANGE MIT LANGEM MAUL / BECCHI TONDI AFFUSOLATI / PONTAS AGULHA / УДЛИННЕННЫЕ ТОНКИЕ**


COD.	L (mm)	A (mm)	B (mm)			
<b>64735</b>	155	70	47	85	10	●

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


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>64736</b>	120	18	14	13	1,6	1,2	0,5	75	12	●

ESD 

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


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
<b>64737</b>	110	10	9	18	2	1	0,5	90	12	●

ESD 
**EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / DISPLAY STAND / СТЕНДЫ**
**TITACROM® BIMAT**

COD.	PCS.
<b>62330</b>	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


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

COD.	PCS.
<b>62040</b>	36

**BIMAT I** Pulidos / Polished / Polie

PCS./UN.	COD.	PCS.
3	62450	160 mm
	62451	180 mm
	62452	200 mm
	62453	
	62454	160 mm
	62455	
	62456	200 mm
	62457	160 mm
	62458	200 mm
	62459	160 mm
	62460	180 mm
	62461	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.
<b>62265</b>	36

**TITACROM® BIMAT**

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


**CROMADO NEGRO BIMAT / BLACK CHROME PLATING BIMAT / CHROME NOIR BIMAT / SCHWARZ VERCHROMT BIMAT / BRUNITO BIMAT / BRUNIDOS BIMAT / ПОКРЫТИЕ ЧЕРНЫЙ ХРОМ BIMAT**

COD.	PCS.
<b>62535</b>	36

**BIMAT | Cromado negro / Black chrome plating / Chromee noir**

PCS./UN.	COD. PCS.	
6	62523	
	62524	
3	62525	125 mm
	62526	
	62527	
6	62528	150 mm
	62529	
	62530	115 mm
3	62531	110 mm

# EGA Master

## ART IN INNOVATION

## KITS

## TITACROM® BIMAT



COD.	PCS.	
69365	3	A
68475		B

## TITACROM® BIMAT

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

## 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

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

COD.	PCS.	
69367	3	A
68483		B

## BIMAT | Pulidos / Polished / Polie

PCS./UN.	COD. PCS.	
1	62451	180 mm
	62459	160 mm
	62461	

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

COD.	PCS.	
69372	3	A
68484		B

## BIMAT | Pulidos / Polished / Polie

PCS./UN.	COD. PCS.	
1	62451	180 mm
	62459	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

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

COD.	PCS.	
69377	3	A
68485		B

## BIMAT | Pulidos / Polished / Polie

PCS./UN.	COD.	PCS.
1	62451	180 mm
	62459	160 mm
	62456	200 mm

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

COD.	PCS.	
69382	3	A
68486		B

## BIMAT | Pulidos / Polished / Polie

PCS./UN.	COD.	PCS.
1	62451	180 mm
	62459	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	
	76603	160 mm

## CIRCLIPS



COD.	PCS.
<b>68540</b>	4

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

Pavonado / Black finish / Brunie

COD.	PCS.
<b>68542</b>	4

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

Pavonado / Black finish / Brunie

COD.	PCS.
<b>68541</b>	4

PCS./UN.	COD.	PCS.	O.D. mm
1	62215	10-25	150 mm
	62219		
	62223	12-25	
	62227		

Pavonado / Black finish / Brunie

COD.	PCS.
<b>62209</b>	4

PCS./UN.	COD.	PCS.	O.D. mm
1	62216	230 mm	40-100
	62220	210 mm	
	62224	220 mm	
	62228	210 mm	

Pavonado / Black finish / Brunie

## 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.
<b>69434</b>	3

TITACROM® BIMAT

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



COD.	PCS.
<b>69433</b>	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	-



## CROMADO NEGRO BIMAT / BLACK CHROME PLATING BIMAT / CHROME NOIR BIMAT / SCHWARZ VERCHROMT BIMAT / BRUNITO BIMAT / BRUNIDOS BIMAT / ПОКРЫТИЕ ЧЕРНЫЙ ХРОМ BIMAT



COD.	PCS.
<b>69495</b>	3

BIMAT Cromado negro / Black chrome plating / Chromee noir

PCS./UN.	COD.	PCS.
1	62531	110 mm
	62523	125 mm
	62529	115 mm



COD.	PCS.
<b>69496</b>	8



PCS./UN.	COD.	PCS.	Descripción / Description / Description
1	69530	-	Pinza / Tweezers
	62526	125 mm	
	62527	150 mm	Minis para electrónica / Electronic pliers
	62528	115 mm	
	62529	110 mm	
	62531		
66846	2 x 50 mm	Destornilladores Microtronic / Microtronic screwdrivers	
66850	PH00		



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


COD.	PCS.
<b>68898</b>	8

ESD 

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

