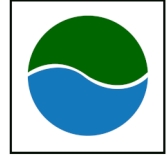


3

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

Sold by:



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EUROLUBE

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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.

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

■ 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 antirreflectante y de gran atractivo.
- Mango bicomponente BIMAT ergonómico para un agarre ideal.
- Patentado.

■ FEATURES

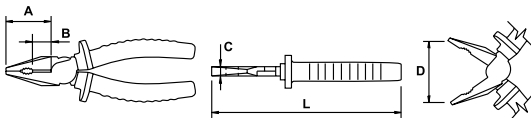
- *Displaced joint axle provides high leverage system and 60% more cutting power than standard pliers. Nails of diameter up to 5mm.*
- *Extraresistant polygonal axle pin, long lasting and smooth action.*
- *Crimping system incorporated in combination pliers for different crimping actions.*
- *Titacrom® 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



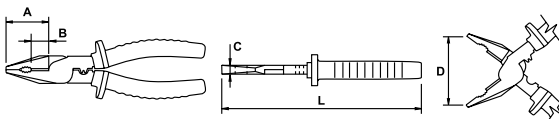
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62495	165	35	14	10	39	3,5	2,5	2	220	6	●
62496	180	40	16	11	50	4			230		
62479	210	44	19		60	4,5	2,8	2,2	280		



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

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



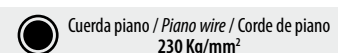
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62480	235	43	19	13	55	5	3	2,5	380	6	●



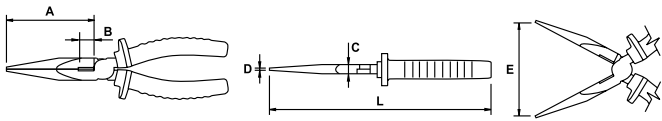
TITACROM® BIMAT | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré

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	46	3	2	1,5	170	6	●
62499	200	75	15		3	70	3,5	2,5	2	210		

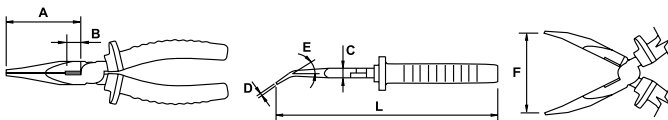


TITACROM® Bimat | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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)						
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		

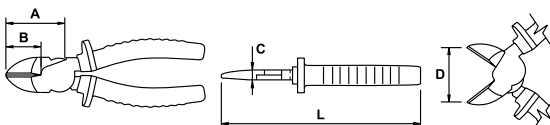


TITACROM® Bimat | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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



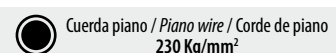
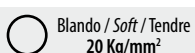
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62299	160	37	23	11	35	3	2,5	2	210	6	●
62350	190	40	25		29	3,5	2,7	2,2	250		



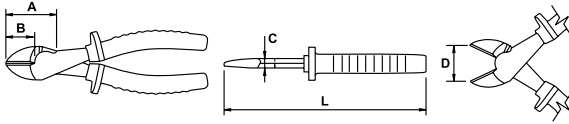
TITACROM® Bimat | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62300	180				24	3,5	2,7	2,2	350		
62598	200	40	21	12	22	4	3	2,5	380	6	●



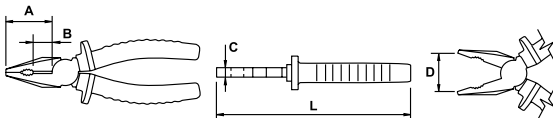
TITACROM® BIMAT | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

TITACROM® BIMAT

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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		

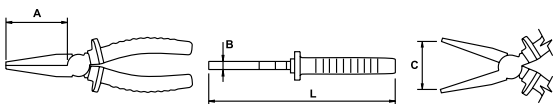


TITACROM® BIMAT | DIN 5746 | Modelo registrado / Registered model / Modèle enregistré

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	●

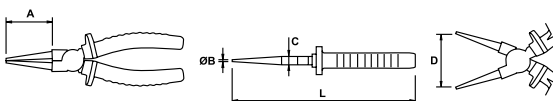


TITACROM® BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V

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



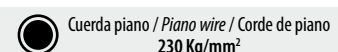
COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)			
62338	160	41	2	10	39	160	6	●



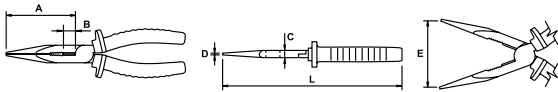
TITACROM® BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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	6	•

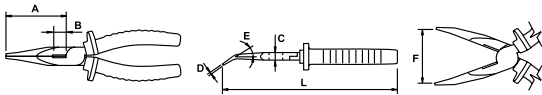
TITACROM[®] **BMAT** | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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)						
62341	160	41	12	9,0	2,7	32	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	•

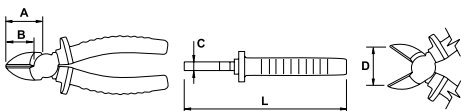
TITACROM[®] **BMAT** | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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	•

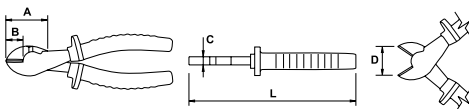
TITACROM[®] **BMAT** | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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

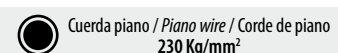


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62344	180	43	21	11	25	3,2	2,5	2	350	6	•
62370	200	48	21	11	21	3,5	2,7	2,2	380	6	•

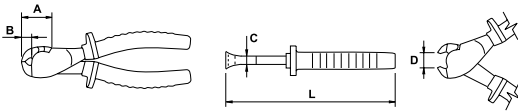
TITACROM[®] **BMAT** | DIN 5749 | Modelo registrado / Registered model / Modèle enregistré

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	●

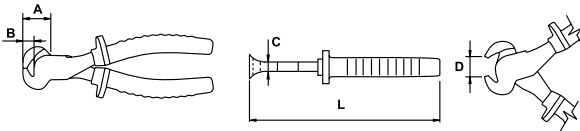
TITACROM® **BMAT** | DIN 5748 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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	2	410		●

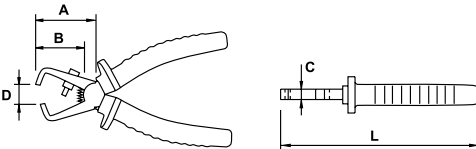
TITACROM® **BMAT** | DIN 5748 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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

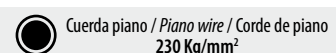


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)				
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TITACROM® **BMAT** | DIN 5743 | Modelo registrado / Registered model / Modèle enregistré

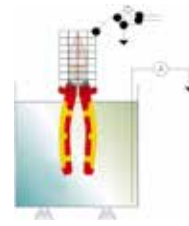
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



■ **MASTERCUT TITACROM® BIMAT 1000V**

1000V **IEC 60900**



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



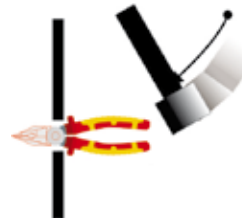
Test de adherencia de mangos
Testing of adhesiveness
Test d'adherence
Klebstest
Test di aderenza dei manici
Teste de aderência dos cabos
Тест проскальзывание



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

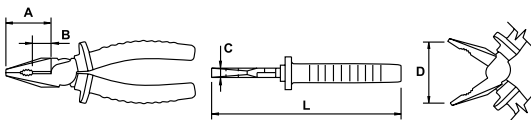


Test de penetración
Penetration test
Test de penetration
Di-Elektrische Prüfung
Prova dielettrica
Teste de penetração
Тест на антикоррозионную устойчивость



Test de impacto
Impact test
Test d'impact
Schlagbiegfestigkeitsprüfung
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	2,5	2	220		
76607		180	40	16	11	50	4			230	6	●
76609		210	44	19		60	4,5	2,8	2,2	280		

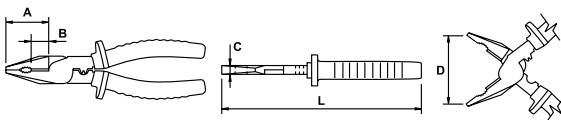


TITACROM® BIMAT **1000V** | DIN 5746 | IEC 60900

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

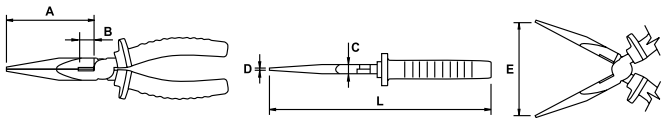
Blando / Soft / Tendre
20 Kg/mm²

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)	mm	mm	mm	g		
76612	160	55	11	9,5	2,5	46	3	2	1,5	170	6	•
76613	200	75	15	9,5	3	70	3,5	2,5	2	210	6	•



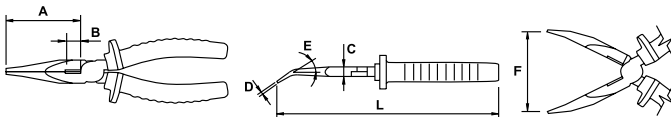
TITACROM® B.M.A.T. 1000V | DIN 5745 | IEC 60900

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 / С ИЗОГНУТЫМИ НОСАМИ



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



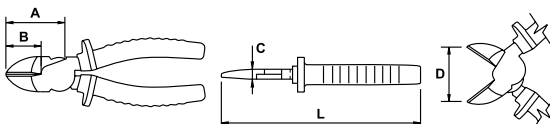
TITACROM® B.M.A.T. 1000V | DIN 5745 | IEC 60900

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)	mm	mm	mm	g		
76616	160	37	23	11	35	3	2,5	2	210	6	•
76617	190	40	25	11	29	3,5	2,7	2,2	250	6	•



TITACROM® B.M.A.T. 1000V | DIN 5749 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



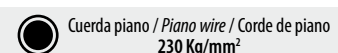
Blando / Soft / Tendre
20 Kg/mm²



Medio / Medium / Moyen
75 Kg/mm²

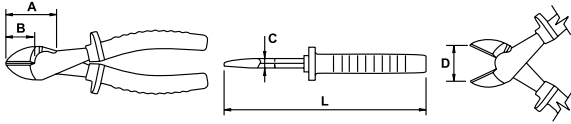


Duro / Hard / Dur
180 Kg/mm²



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

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



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



TITACROM® BIMAT 1000V | DIN 5749 | IEC 60900

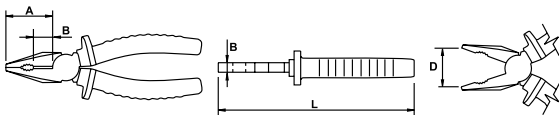
Modelo registrado / Registered model / Modèle enregistré

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		



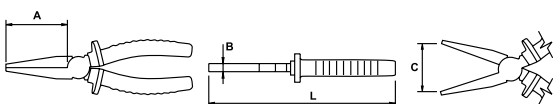
TITACROM® BIMAT 1000V | DIN 5746 | IEC 60900

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

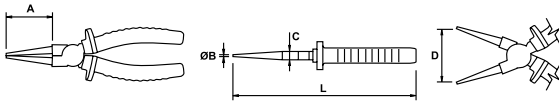
Modelo registrado / Registered model / Modèle enregistré

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

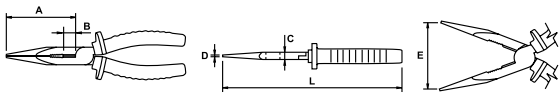
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



TELEFONISTA / LONG NOSE / TÉLÉPHONE / TELEFONZANGEN / TELEFONISTI / TELEFONISTA / СУДЛИННЕННЫМИ 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	6	•

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

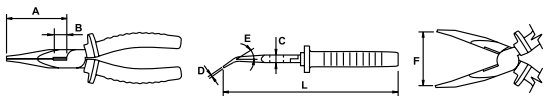
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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



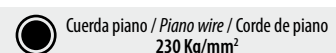
COD.		L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (°)	F (mm)						
76593		160	41	12	9,0	2,7	32	47	2,5	1,6	1	160	6	•
76594		200	65	14	11	3,3	32	70	3,2	2,2	1,5	210	6	•

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

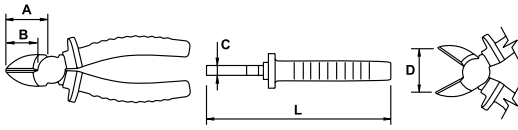
Modelo registrado / Registered model / Modèle enregistré

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[®] B/MAT 1000V | DIN 5749 | IEC 60900

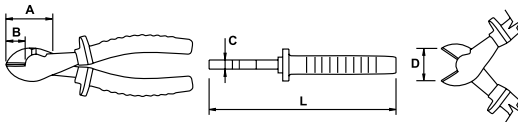
Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



CORTE DIAGONAL REFORZADO / HEAVY DUTY CUTTING NIPPERS / COUPANTES 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[®] B/MAT 1000V | DIN 5749 | IEC 60900

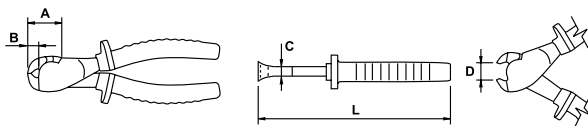
Modelo registrado / Registered model / Modèle enregistré

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[®] B/MAT 1000V | DIN 5748 | IEC 60900

Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



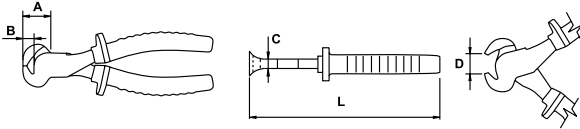
Blando / Soft / Tendre
20 Kg/mm²

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		3,5	2,8		410		

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

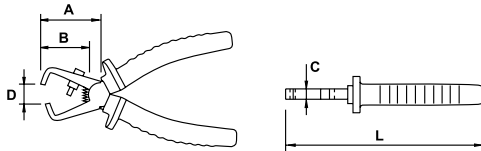
Modelo registrado / Registered model / Modèle enregistré

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

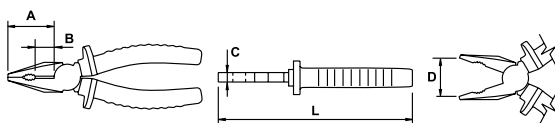
CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



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

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

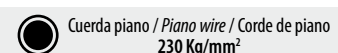


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)						
62450	160	36	15	10	38	3	2	1,5	240		
62452	200	43	17	12	50	4	2,5	2	330	6	•

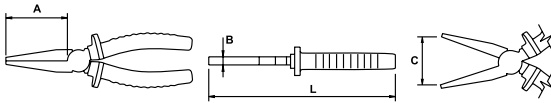
BIMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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	●

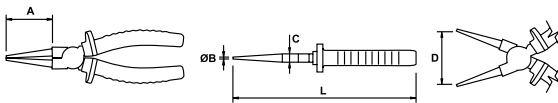
BMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Cr-V



BOCA REDONDA / ROUND NOSE / BECS RONDS / 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	●

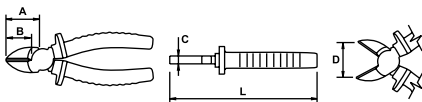
BMAT | DIN 5745 | Modelo registrado / Registered model / Modèle enregistré

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



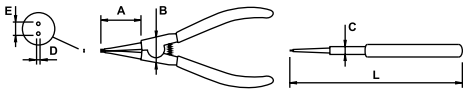
UNIVERSAL MOD. ELECTRICISTA / LINESMAN'S / ELECTRICIEN / KOMBIZANGEN / UNIVERSALE MOD. PER ELETTRICISTI / UNIVERSAL MOD. ELETRICISTA / ЭЛЕКТРИЧЕСКИЕ ПЛОСКОГУБЦЫ

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 / ЧЕРНЕННЫЕ**
- **EXTERIOR RECTO / EXTERNAL STRAIGHT / EXTERIEUR DROIT / AUSSENSICHERUNGSRINGE, GERADE / DIRITTA PER ESTERNI / EXTERIOR DIREITO / НАРУЖНЫЕ ПРЯМЫЕ**

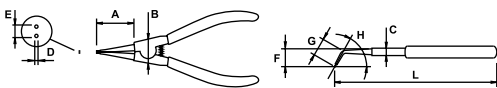


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	O.D. mm	g	6	•
62214	150	36	23	8,5	0,9	3,8	3-10	105		
62215				9,5	1,2	4,5	10-25			
62183	175	43	25		1,8		19-60	140	6	•
62216	230	55	29	11	2,4	5,5	40-100	280		
62217	320	75	37	13	3,1	9,0	85-200	470		-

DIN 5254



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

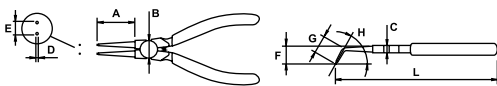


COD.	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (°)	O.D. mm	g	6	•
62218	140			8,5	0,9	4,5	14			3-10	105		
62219	145	30	22		1,3	5,0	15	15	50	10-25			
62182	170			9,5	1,8		18	18		19-60	140	6	•
62220	210	37	25	11	2,2	7,0	24	20	90	40-100	280		
62221	300	49	37	14	3,2	9,5	34	30		85-200	490	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

DIN 5254



- **INTERIOR CURVO / INTERNAL BENT / INTERIEUR COUDÉ / BACKEN UM 90 GEBOGEN / PIEGATO 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	6	•
62226				9,0	1,3	15	16	15	50	8-13	100		
62227	150	28	16			16				12-25			
62180	170	33	18	10,0	1,7		20	17		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		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	6	•
62222				8,5	1,2	17	8-13	100		
62223	150	36	16		1,3	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

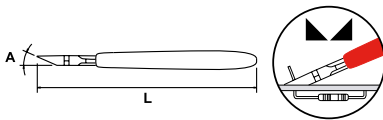


MULTI CIRCLIPS



COD.	L (mm)	O.D. mm	g			
62213	160	10-50	200	3		●

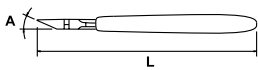
ALICATES DE "CORTE AL RAS" / FLUSH CUTTING PLIERS / PINCES COUPANTES À RAS DIAGONALES / SEITENSCHNEIDER / PINZA A TAGLIO RASO / ALICATE DE CORTA DIAGONAL / БЫСТРОРЕЖУЩИЕ КУСАЧКИ



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

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

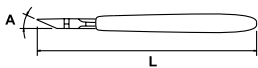
Cabeza redondeada / Rounded head / Tête ronde



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-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			
63954	280	0	300	6		●



COD.	L (mm)	°C			
63955	275	45	250	6	●



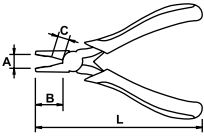
COD.	L (mm)	°C			
63956	260	90	270	6	●








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

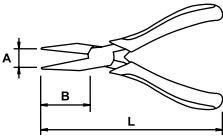





COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62241	125	19	21	8	2	1,5	1	70	6	●

TITACROM® BIMAT I DIN 9655



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

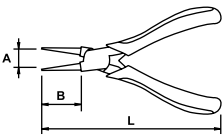





COD.	L (mm)	A (mm)	B (mm)			
62242	125	21	28	65	6	●

TITACROM® BIMAT I DIN 9655

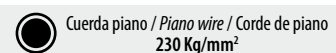


BOCA REDONDA / ROUND NOSE / BECS RONDS / RUNDZANGEN / BECCHI TONDI / PONTAS REDONDAS / КРУГЛОГУБЦЫ

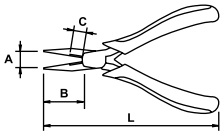


COD.	L (mm)	A (mm)	B (mm)			
62243	125	40	25	60	6	●

TITACROM® BIMAT I DIN 9655



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

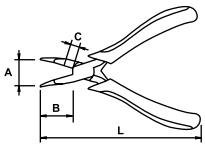


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62244	125	42	28	8	2	1,5	1	65	6	●

TITACROM[®] **BMAT** | DIN 9655



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

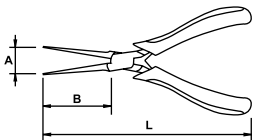


COD.	L (mm)	A (mm)	B (mm)	C (mm)			
62245	125	44	26	9	65	6	●

TITACROM[®] **BMAT** | DIN 9655



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

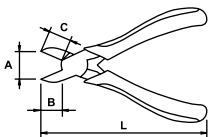


COD.	L (mm)	A (mm)	B (mm)			
62246	150	65	48	65	6	●

TITACROM[®] **BMAT** | DIN 9655

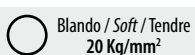


CORTE DIAGONAL / DIAGONAL CUTTING PLIERS / COUPANTES DIAGONALES / SEITENSCHNEIDER / TAGLIO LATERALE / CORTE DIAGONAL / УДЛИННЕННЫЕ ТОНКИЕ

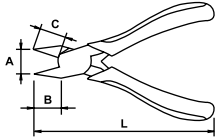


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62247	115	13	15	13	1,6	1,2	0,5	60	6	●

TITACROM[®] **BMAT** | DIN 9654



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

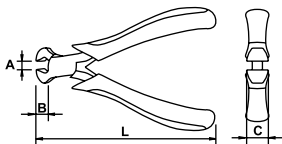


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62248	115	25	14	13	1,6	1,2	0,5	60	6	●

TITACROM[®] Bimat I DIN 9654



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



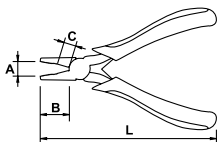
COD.	L (mm)	A (mm)	B (mm)	C (mm)						
62249	110	19	7,5	17	2	1	0,5	60	6	●

TITACROM[®] Bimat I DIN 9654



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

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

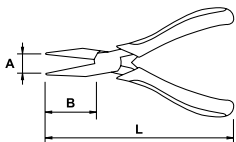


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
64730	120	25	22	8	2	1,5	1	75	12	●

ESD **Bimat**

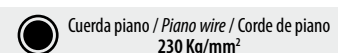


BOCA PLANA / FLAT NOSE / BEC PLATS / FLACHZANGEN / BECCHI PIATTI / PONTAS CHATAS / УТКОНОСЫ

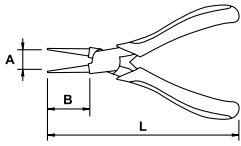


COD.	L (mm)	A (mm)	B (mm)			
64731	135	38	36	90	12	●

ESD **Bimat**



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

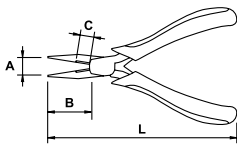


COD.	L (mm)	A (mm)	B (mm)			
64732	130	47	27	75	12	●

ESD



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

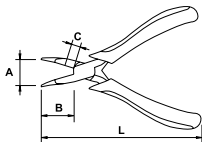


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
64733	135	33	40	9	2	1,5	1	90	12	●

ESD



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

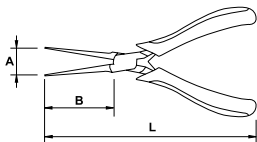


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
64734	135	31	36	9	2	1,5	1	90	12	●

ESD



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



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

ESD



Blando / Soft / Tendre
20 Kg/mm²



Medio / Medium / Moyen
75 Kg/mm²

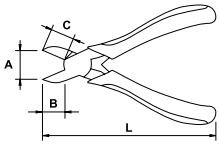


Duro / Hard / Dur
180 Kg/mm²



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

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

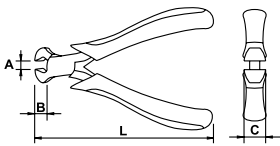


COD.	L (mm)	A (mm)	B (mm)	C (mm)						
64736	120	18	14	13	1,6	1,2	0,5	75	12	●

ESD **BITAT**



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 **BITAT**



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

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

■ TITACROM® BIMAT

COD.	PCS.
62330	36

TITACROM® BIMAT

PCS.	COD. PCS.	
3	62331	165 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.	COD. PCS.	
6	62241	
3	62242	
	62243	125 mm
	62244	
	62245	
6	62246	150 mm
3	62247	115 mm
	62248	
	62249	110 mm



■ KITS

■ TITACROM® BIMAT

COD.	PCS.	
69365	3	A
68475		B

TITACROM® BIMAT

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



■ TITACROM® BIMAT

COD.	PCS.	
69370	3	A
68476		B

TITACROM® BIMAT

PCS.	COD. PCS.	
1	62332	180 mm
	62343	160 mm
	62446	250 mm



TITACROM® BIMAT

COD.	PCS.	
69375	3	A
68477		B

TITACROM® BIMAT

PCS.	COD. PCS.	
1	62332	180 mm
	62343	160 mm
	62340	200 mm



TITACROM® BIMAT

COD.	PCS.	
69380	3	A
68478		B

TITACROM® BIMAT

PCS.	COD. PCS.	
1	62332	180 mm
	62343	160 mm
	62142	250 mm



TITACROM® BIMAT 1000V

COD.	PCS.	
76604	3	A
76605		B

TITACROM® BIMAT

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



CIRCLIPS

COD.	PCS.
68540	4

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

COD.	PCS.
68542	4

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



COD.	PCS.
68541	4

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

COD.	PCS.
62209	4

PCS.	COD. PCS.	O.D. mm	
1	62216	40-100	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.	COD. PCS.	
1	62249	110 mm
	62241	125 mm
	62247	115 mm



COD.	PCS.
69433	8

TITACROM® BIMAT

PCS.	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 ELETTRICITA STATICA / DESCARGA ELECTROSTÁTICA / РАЗРЯЖАТЕЛЬ СТАТИЧЕСКОГО ЭЛЕКТРИЧЕСТВА

COD.	PCS.
68898	8

ESD BIMAT

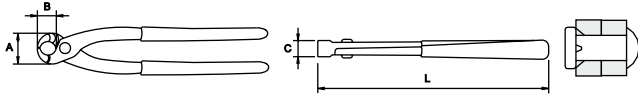
PCS.	COD. PCS.	Descripción / Description / Description	
1	64730	Alicate universal ESD / ESD Combination plier	115 mm
	64736	Alicate corte diagonal ESD / ESD Diagonal cutting plier	-
	64733	Alicate telefonista ESD / ESD Long nose plier	135 mm
	64742		2 x 60 mm
	64744		3 x 60 mm
	64747	Destornilladores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



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

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

■ **MASTERPLUS TITACROM®**

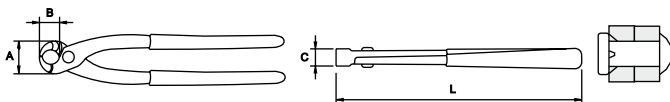


COD.	L (inch)	A (mm)	B (mm)	C (mm)			
62123	9				400		
62124	10	35	12	23	410	6	●
62125	11	37	16	26	470		



TITACROM® | DIN 9242

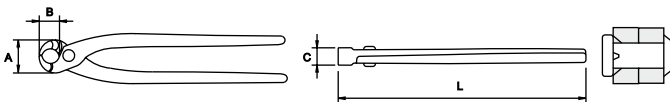
■ **MASTERPLUS**



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**

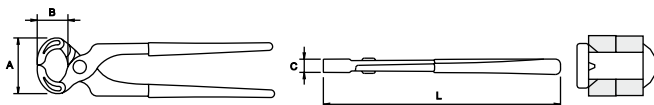


COD.	L (inch)	A (mm)	B (mm)	C (mm)			
62126	13	40	19	22	740	6	●



■ **DIN 9242**

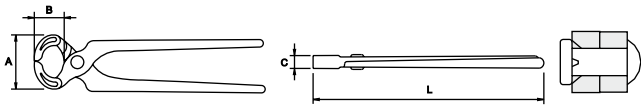
■ **TENAZA DE CARPINTERO / CARPENTER PINCER / PINCE DE MENUISIER / KANTENZANGE / TENAGLIA PER CARPENTIERI / TURQUES DE CARPINTEIRO / КЛЕЩИ ДЛЯ ПЛИТКИ**



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	55	27	25	400		



DIN 9243

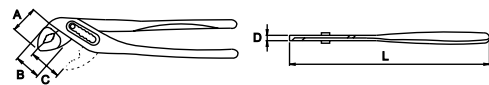


COD.	L (inch)	A (mm)	B (mm)	C (mm)			
62144	6	47	20	19	250	10	•
62145	7	50	24	20	310		
62146	8	55	26	21	360	6	

DIN 9243

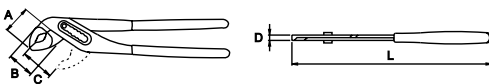


■ **TENAZA DE CANAL / BOX JOINT / MULTIPRISE ENTREPASSÉE / WASSERPUMPENZANGE / PINZE REGOLABILI / BICO DE PAPAGAIO / КЛЕЩИ ШАРНИРНЫЕ**



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		400		
62134	12	43	38	46	8,0	600	6	

DIN 8976

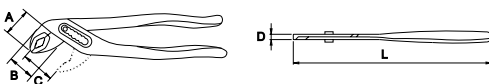


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)			
62127	7	28	28	25	7,0	165	12	•
62128	10	32	36	34		350		
62129	12	43	46	46	8,0	500	6	

DIN 8976



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

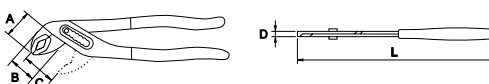


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)			
62793	7	27	27	25	7,0	170	12	•
62794	10	32	33	32		360		
62795	12	40	35	43	9,0	570	6	

DIN 8976



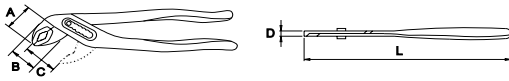
■ **CON MANGO / WITH HANDLE / AVEC MANCHE / MIT GRIFF / CON MANICO / COM CABO / С РУКОЯТКОЙ**



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



TITACROM®

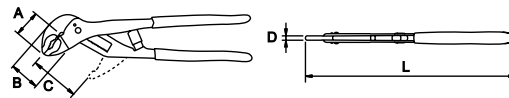


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	g	Icon	Icon
68558	7	27,5	27	27	5	170		
68559	10	32	33	36	7	350	6	●
68560	12	43	35,5	39	9	560		

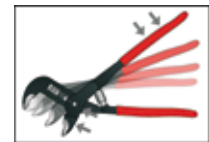


TITACROM®

AUTO GRIP



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

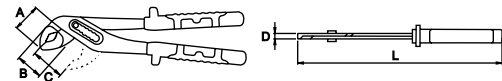


DIN 8976

CARACTERÍSTICAS / FEATURES / CARACTÉRISTIQUES

Con efecto muelle / With spring effect / Avec effet ressort

TITACROM® BIMAT

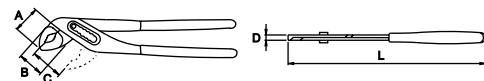


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	g	Icon	Icon
62297	10	32	36	34	7,0	400	5	●
62298	12	43	46	46	8,0	610		



TITACROM® BIMAT | DIN 8976

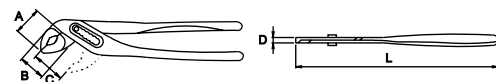
TITACROM®



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



TITACROM® | DIN 8976



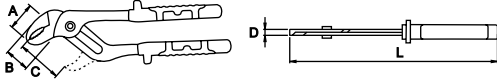
COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	g	Icon	Icon
62291	10	32	36	34	7,0	400	12	●
62292	12	43	46	46	8,0	600	6	●



TITACROM® | DIN 8976

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

■ **TITACROM® BIMAT**

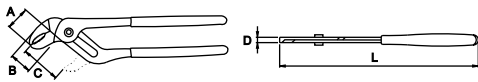


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	g	Icon 1	Icon 2
62445	8	30	36	30	9,0	300		
62446	10	34	40	36	10	460	5	●
62447	12	43	48	48	11	700		

TITACROM® **BIMAT** | DIN 8976



■ **TITACROM®**

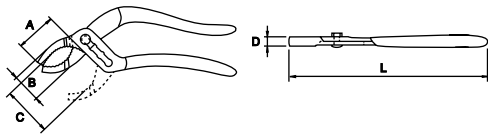


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	g	Icon 1	Icon 2
62105	8	30	36	30	9,0	240		
62106	10	34	40	36	10	390	6	●
62107	12	43	48	48	11	600		
62108	16	70	60	85	12	1300		-

TITACROM® | DIN 8976



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



COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	g	Icon 1	Icon 2
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**

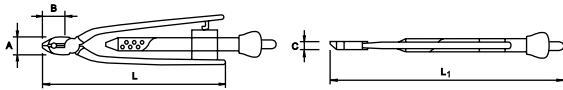


COD.	L (inch)	A (mm)	B (mm)	C (mm)	g	Icon 1	Icon 2
62090	6	29	3,0	10	200	6	
62091	8	31	8,0	12	275	7	●
62092	10	39	8,0	12	430	8	

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



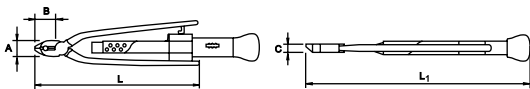
COD.	L (inch)	A (mm)	B (mm)	C (mm)	L1 (mm)			
62624	6	215	17	23	210	250		
62625	9	270	21	29	270	380	6	●



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 0,5 mm fil de fer

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



COD.	L (inch)	L1 (mm)	A (mm)	B (mm)	C (mm)			
62627	6"	235	17	23	10	330		
62628	9"	285	21	29	12	450	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 0,5 mm fil de fer

■ **REMACHADORAS / RIVETERS / PINCES À RIVETER / NIETER / RIVETTATRICE / ALICATES DE REBITAR / ЗАКЛЕПОЧНИКИ**

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

COD.	L (mm)	CAP. Ø			
61340	260	2,4-5	2,4-3,2-4-4,8	550	●



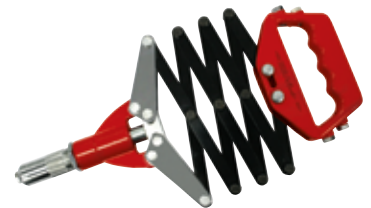
■ **REMACHADORA DE BRAZOS LARGOS / LONG ARM RIVETER / PINCE À RIVETER LONGS BRAS / LANGARM NIETZANGE / RIVETTATRICE CON BRACCIA LUNGHE / REBITADORA DE BRAÇOS / ЗАКЛЕПОЧНИК С УДЛИНЕННЫМИ РУКОЯТКАМИ**

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





■ EXPOSITORES / DISPLAYS / PRESENTOIRS / DISPLAY / ESPOSITORI / 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		24	
PCS.	COD.	PCS.	
12	62140	9"	
	62142	10"	
6	62123	9"	
	62124	10"	



COD.		PCS.	
69430		36	
PCS.	COD.	PCS.	
6	62123	9"	
	62124	10"	
	62140	9"	
	62142	10"	
	62438	7"	
	62439	8"	



COD.		PCS.	
69429		36	
PCS.	COD.	PCS.	
6	62437	6"	
12	62438	7"	
	62439	8"	
6	62440	9"	

COD.		PCS.	
69425		36	
PCS.	COD.	PCS.	
12	62140	9"	
	62142	10"	
	62138	11"	



COD.		PCS.	
69426		36	
PCS.	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.	COD. PCS.		
6	62133	7"	
	62135	10"	
	62134	12"	
	62127	7"	
	62128	10"	
	62129	12"	





COD.		PCS.	
69417		36	
PCS.	COD. PCS.		
6	62291	10"	
	62292	12"	
	62294	10"	
	62295	12"	
	62297	10"	
	62298	12"	

COD.		PCS.	
69420		36	
PCS.	COD. PCS.		
18	62291	10"	
	62292	12"	

COD.		PCS.	
69421		36	
PCS.	COD. PCS.		
18	62294	10"	
	62295	12"	

COD.		PCS.	
69418		36	
PCS.	COD. PCS.		
12	62133	7"	
	62135	10"	
	62134	12"	

COD.		PCS.	
69419		36	
PCS.	COD. PCS.		
12	62127	7"	
	62128	10"	
	62129	12"	

COD.		PCS.	
69422		36	
PCS.	COD. PCS.		
12	62105	8"	
	62106	10"	
	62107	12"	

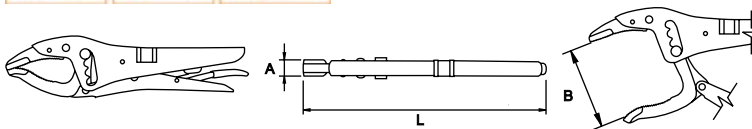
COD.	PCS.
69423	36

PCS.	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 MULTIPOSIÇÃO 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	●

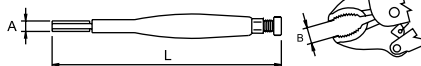
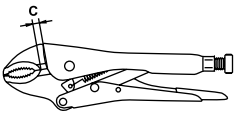
*: Máxima presión (kg) / Maximum pressure (kg) / Pression maximale (kg)

COD.	L (inch)	L (mm)	A (mm)	B (mm)	Max. (daN)*			
62096	10	250	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

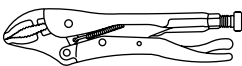


COD.	L (inch)	A (mm)	B (mm)	Boca / Jaw / Bec	Max. (kg)			
62179	4	7,0	25		363	100	6	●
62177	5	8,0	35	Curva / Curved / Courbée	408	160		
62178	7	13	42		1135	360		
62172	10	14	65		550	550		

*: 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 / ИЗОГНУТЫЕ КЛЕЩИ ДЛЯ СВАРКИ С РЕЗКОЙ ПРОВОДОВ

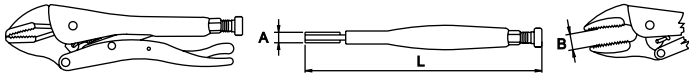


COD.	L (inch)	A (mm)	B (mm)	Boca / Jaw / Bec	Max. (kg)			
62260	7	9,0	42	Curva / Curved / Courbée	1135	350	6	●
62261	9	11	52		500	500		

*: 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

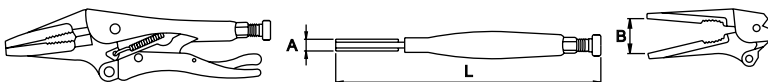


COD.	L (inch)	A (mm)	B (mm)	Boca / Jaw / Bec	Max. (kg)			
62414	7	14	45	Recta / Straight / Droite	1135	350	6	●
62231	10	16	60	Recta / Straight / Droite	1135	500	6	●

*: 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

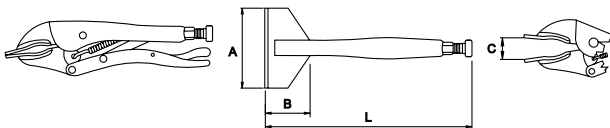


COD.	L (inch)	A (mm)	B (mm)	Max. (kg)			
62485	6,5	8,0	60	204	185	6	●
62486	8,5	10	75	408	360	6	●

*: 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)			
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

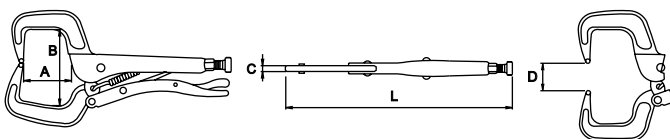


COD.	L (inch)	A (mm)	B (mm)	Max. (kg)			
62508	9	70	26	227	600	2	●
62509	11	75	35	227	800	2	●

*: 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"

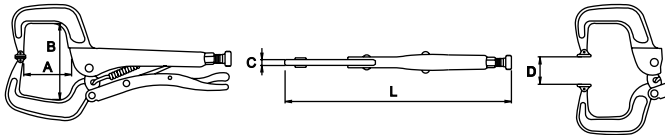


COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	Max. (kg)			
62492	11	75	100	7,0	50	408	750	6	●

*: 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 "С" 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)



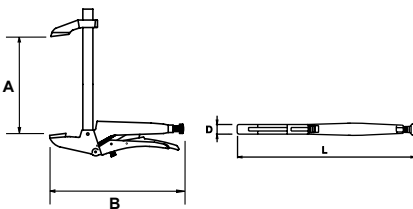
TENAZA GRIP CON CADENA / GRIP PLIER WITH CHAIN / PINCE ÉTAU À CHAÎNE / GRIPZANGE MIT KETTE / PINZE A MORSETTO CON CATENA / ALICATES DE GRIF COM CORRENTE / КЛЕЩИ ДЛЯ СВАРКИ С ЦЕПНЫМ ЗАЖИМОМ



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



GRIP-SARGENTO / CLAMP GRIP PLIER / PINCE-ÉTAU SERRE-JOINT / GRIPZANGE MIT KLEMME / PINZE GRIP A SERRAGGIUNTO / ALICATE PRESSÃO COM GRAMPO / КЛЕЩИ ДЛЯ СВАРКИ С ЗАЖИМОМ



COD.	L (inch)	A (mm)	B (mm)	C (mm)	D (mm)	Max. (kg)		
62571	10	60	300	200	15	1135	1180	1



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

25 PCS.

COD.	PCS.
55572	25
PCS.	COD. PCS.
25	62097
	10"



30 PCS.

COD.		PCS.	
55573		30	
PCS.	COD. PCS.		
6	62260	7"	
	62261	9"	
	62231	10"	
	62178	7"	
	62172	10"	

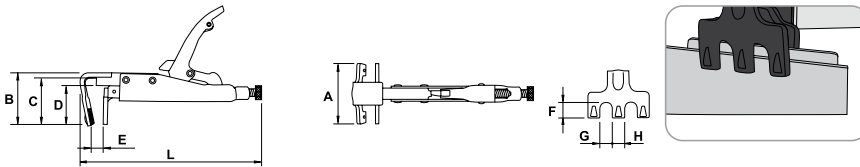


22 PCS.

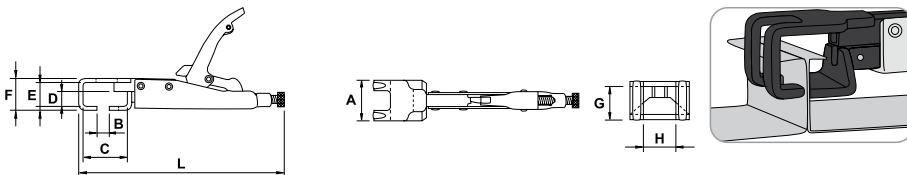
COD.		PCS.	
55574		22	
PCS.	COD. PCS.		
6	62177	5"	
	62485	6,5"	
	62486	8,5"	
2	62487	8"	
	62508	9"	



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

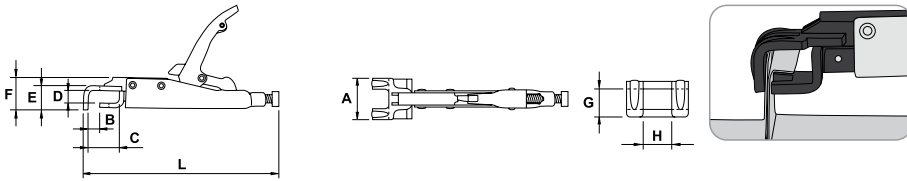


COD.	Tipo/ Type/ Type	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)		
56180	W	200	70	56	53	40	12	18	14	14	550	1

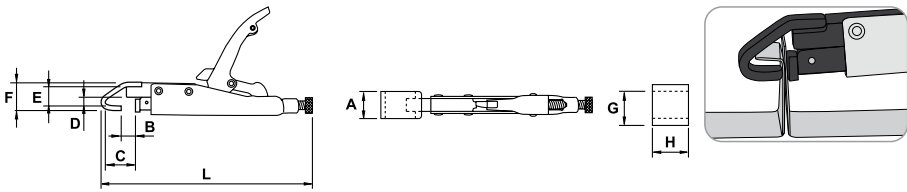


COD.	Tipo/ Type/ Type	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)		
56181	JJ	212	46	13	49	17	26	37	31	20	550	1

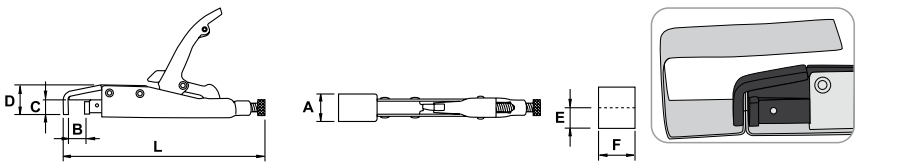




COD.	Tipo/ Type/ Type	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)		
56182	LL	212	46	13	34	14	26	37	21	21	550	1



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

