

# MASTERCUT PLIERS

Ega Master offers a wide range of pliers, among which we can find the range Mastercut Titacrom ®Bimat.

**TITACROM® Bimat**



**Innovation Award**  
in Metalmaq Contest,  
Lisbon 2001

**Bronze Medal,**  
International Exhibition of  
Invention, Paris 2004

**CUTTING CAPACITY**  
**60% +**

5

4

1

2

3

**1.** 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.

**2.** His axle ensures long service life and smooth operation without clearance.

**3. Bimat** bicomponent handles provide non-slip, ergonomic and maximum comfort grip.

**4.** The teeth of the jaws has been carefully designed to hold small parts regardless of their form (polygonal or cylindrical).

**5. TITACROM®** -It is a special surface treatment, more corrosion resistant than standard chrome, resistant to impact and friction (non peel off), non reflecting with very attractive finishing.

**PATENTED**

**COMBINATION**



DIN 5746



DIN 5746

| COD   | L   | 1   | 2   | 3   | 4   | 5 | 6 | 7    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 62495 | 165 | 3,5 | 2,5 | 2   | 220 | 6 | 5 | Cr-V |
| 62496 | 180 | 4   |     |     | 230 |   |   |      |
| 62479 | 210 | 4,5 | 2,8 | 2,2 | 280 |   |   |      |

| COD   | L   | 1 | 2 | 3   | 4   | 5 | 6 | 7    |
|-------|-----|---|---|-----|-----|---|---|------|
| 62480 | 235 | 5 | 3 | 2,5 | 380 | 6 | 5 | Cr-V |

With terminal crimping system



**LONG NOSE**



DIN 5745

| COD   | L   | 1   | 2   | 3   | 4   | 5 | 6 | 7    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 62498 | 160 | 3   | 2   | 1,5 | 170 | 6 | 5 | Cr-V |
| 62499 | 200 | 3,5 | 2,5 | 2   | 210 |   |   |      |

**BENT NOSE PLIERS**



DIN 5745

| COD   | L   | 1   | 2   | 3   | 4   | 5 | 6 | 7    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 62500 | 160 | 3   | 2   | 1,5 | 170 | 6 | 5 | Cr-V |
| 62501 | 200 | 3,5 | 2,5 | 2   | 210 |   |   |      |

**DIAGONAL CUTTING PLIERS**



DIN 5749

| COD   | L   | 1   | 2   | 3   | 4   | 5 | 6 | 7    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 62299 | 160 | 3   | 2,5 | 2   | 210 | 6 | 5 | Cr-V |
| 62350 | 190 | 3,5 | 2,7 | 2,2 | 250 |   |   |      |

**HEAVY DUTY CUTTING NIPPERS**



DIN 5749

| COD   | L   | 1   | 2   | 3   | 4   | 5 | 6 | 7    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 62300 | 180 | 3,5 | 2,7 | 2,2 | 350 | 6 | 5 | Cr-V |
| 62598 | 200 | 4   | 3   | 2,5 | 380 |   |   |      |

# TECHNICAL SPECIFICATIONS

| MATERIAL  | Body         | Cr-V      |
|-----------|--------------|-----------|
|           | Handles      | BIMAT     |
| HARDNESS  | General      | >45HRC    |
|           | Cutting area | 55-60 HRC |
| FINISHING | TITACROM®    |           |

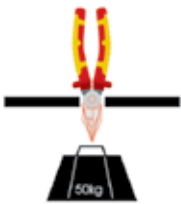


# MASTERCUT PLIERS 1.000V

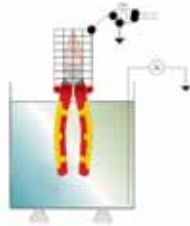
TITACROM®  
BIMAT

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

TESTING OF ADHESIVENESS



DIELECTRIC TEST AT 10.000V



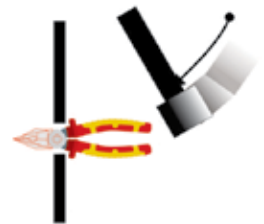
HEAT RESISTANCE TEST



PENETRATION TEST



IMPACT TEST



## MAIN APPLICATION FIELDS

|                                  |                       |                                  |
|----------------------------------|-----------------------|----------------------------------|
| Electrical installation          | High Voltage networks | Chemical Industry                |
| Power Plants                     | Low Voltage networks  | Fire-fighters                    |
| Electric Stations and substation | Telecommunications    | Lighting installation and repair |

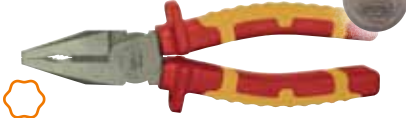
## CAUTION

- 1 Don't ever use tools under voltage if they present pores, fissures, encrusted elements or if the white insulation layer is visible
- 2 Insulating floors and safety shoes are recommended to work under voltage
- 3 Avoid contact with water while working under voltage
- 4 Do not ever touch directly any item that may be under voltage. Use a voltage tester to check first

 **1.000V**  
**IEC 60900**

**COMBINATION**

1.000V  
IEC 60900



1.000V  
IEC 60900



|       | COD | ↔L↔ | ⊖   | ⊕   | ⊙   | 👤 | 📦 | 🏠    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 76606 | 165 | 3,5 | 2,5 | 2   | 220 | 6 | 5 | Cr-V |
| 76607 | 180 | 4   |     |     | 230 |   |   |      |
| 76609 | 210 | 4,5 | 2,8 | 2,2 | 280 |   |   |      |

With terminal crimping system



**LONG NOSE**

1.000V  
IEC 60900



|       | COD | ↔L↔ | ⊖   | ⊕   | ⊙   | 👤 | 📦 | 🏠    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 76612 | 160 | 3   | 2   | 1,5 | 170 | 6 | 5 | Cr-V |
| 76613 | 200 | 3,5 | 2,5 | 2   | 210 |   |   |      |

**BENT NOSE PLIERS**

1.000V  
IEC 60900



|       | COD | ↔L↔ | ⊖   | ⊕   | ⊙   | 👤 | 📦 | 🏠    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 76614 | 160 | 3   | 2   | 1,5 | 170 | 6 | 5 | Cr-V |
| 76615 | 200 | 3,5 | 2,5 | 2   | 210 |   |   |      |

**DIAGONAL CUTTING PLIERS**

1.000V  
IEC 60900



|       | COD | ↔L↔ | ⊖   | ⊕   | ⊙   | 👤 | 📦 | 🏠    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 76616 | 160 | 3   | 2,5 | 2   | 210 | 6 | 5 | Cr-V |
| 76617 | 190 | 3,5 | 2,7 | 2,2 | 250 |   |   |      |

**HEAVY DUTY CUTTING NIPPERS**

1.000V  
IEC 60900



|       | COD | ↔L↔ | ⊖   | ⊕   | ⊙   | 👤 | 📦 | 🏠    |
|-------|-----|-----|-----|-----|-----|---|---|------|
| 76618 | 180 | 3,5 | 2,7 | 2,2 | 350 | 6 | 5 | Cr-V |
| 76619 | 200 | 4   | 3   | 2,5 | 380 |   |   |      |

**TECHNICAL SPECIFICATIONS**

|           |              |           |
|-----------|--------------|-----------|
| MATERIAL  | Body         | Cr-V      |
|           | Handles      | BIMAT     |
| HARDNESS  | General      | > 45HRC   |
|           | Cutting area | 55-60 HRC |
| FINISHING | TITACROM®    |           |