

# MASTERCUT PLIERS

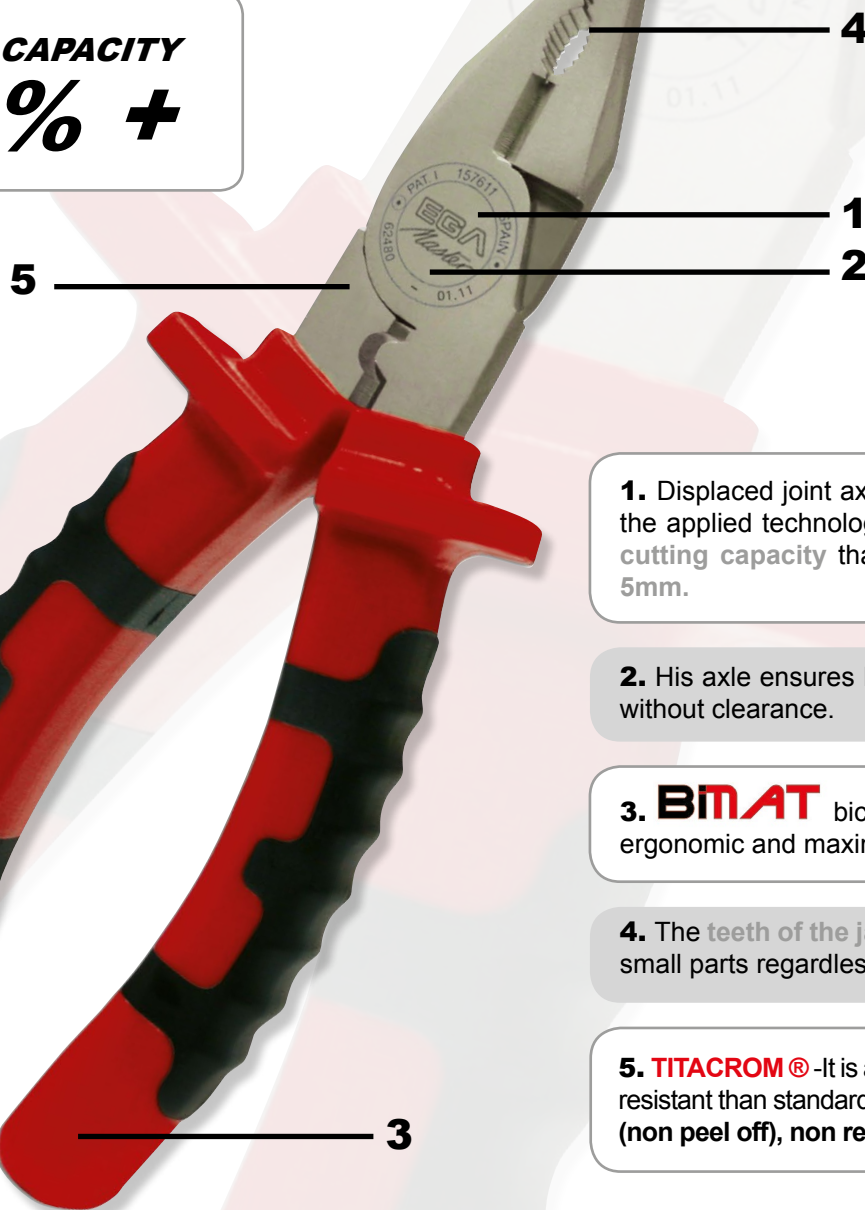
Ega Master offers a wide range of pliers, among which we can find the range Mastercut Titacrom ®Bimat.

**TITACROM® BIMAT**

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



**Innovation Award**  
in Metalmaq Contest,  
Lisbon 2001  
**Bronze Medal,**  
International Exhibition of  
Invention, Paris 2004



**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**

COD	L	A	B	C	D	Wire Type	Wire Size	Wire Strength	Wire Type	gr.	Accessories	Cr-V
62495	165	35	14	10	39	3,5	2,5	2	220	6	1	
62496	180	40	16	11	50	4	2,8	2,2	230	6	1	
62479	210	44	19	11	60	4,5	2,8	2,2	280	6	1	Cr-V

**DIN 5746**

COD	L	A	B	C	D	Wire Type	Wire Size	Wire Strength	Wire Type	gr.	Accessories	Cr-V
62480	235	43	19	13	55	5	3	2,5	380	6	1	Cr-V

With terminal crimping system

LONG NOSE

**DIN 5745**

COD	L	A	B	C	D	E	Wire Type	Wire Size	Wire Strength	Wire Type	gr.	Accessories	Cr-V
62498	160	55	11	9,5	2,5	46	3	2	1,5	170	6	1	
62499	200	75	15	9,5	3	70	3,5	2,5	2	210	6	1	Cr-V

BENT NOSE PLIERS

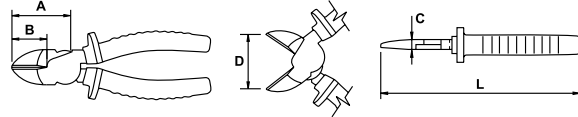
**DIN 5745**

COD	L	A	B	C	D	E	F	Wire Type	Wire Size	Wire Strength	Wire Type	gr.	Accessories	Cr-V
62500	160	50	13	9,5	3	32°	41	3	2	1,5	170	6	1	
62501	200	75	14	9,5	3	32°	90	3,5	2,5	2	210	6	1	Cr-V

## DIAGONAL CUTTING PLIERS



DIN 5749



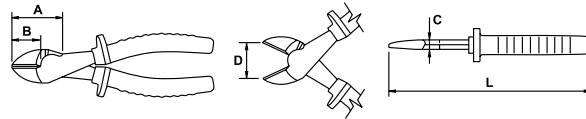
COD	←L→	←A→	←B→	←C→	←D→				gr.		
62299	160	37	23	11	35	3	2,5	2	210	6	1
62350	190	40	25		29	3,5	2,7	2,2	250		

Cr-V

## HEAVY DUTY CUTTING NIPPERS



DIN 5749



COD	←L→	←A→	←B→	←C→	←D→				gr.		
62300	180	40	21	12	24	3,5	2,7	2,2	350	6	1
62598	200				22	4	3	2,5	380		

Cr-V

# TECHNICAL SPECIFICATIONS

MATERIAL	Body	Cr-V
	Handles	BIMAT
HARDNESS	General	45HRC
	Cutting edge (induction hardened)	55-60 HRC
FINISHING	TITACROM®	

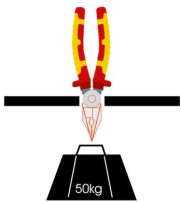


# MASTERCUT PLIERS 1.000V

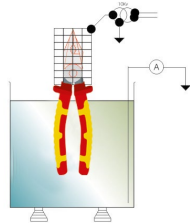
TITACROM®  
**BiMAT**

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.

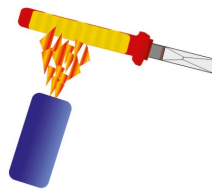
TESTING OF ADHESIVENESS



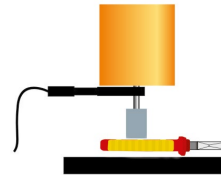
DIELECTRIC TEST AT 10.000V



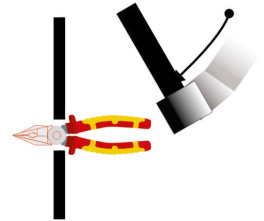
HEAT RESISTANCE TEST



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

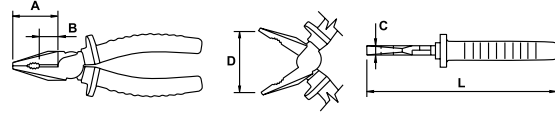
- 1 Don't ever use tools under voltage if they present pores, fissures, encrusted elements or if the white insulation layer is visible
- 2 Insulating floors and safety shoes are recommended to work under voltage
- 3 Avoid contact with water while working under voltage
- 4 Do not ever touch directly any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

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

**COMBINATION**



**DIN 5746**



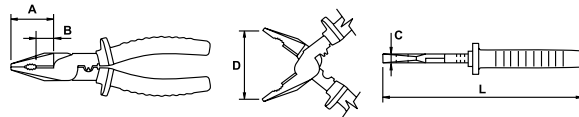
	COD	L	A	B	C	D	1	2	3	gr.	6	1
	76606	165	35	14	10	39	3,5	2,5	2	220		
⚡	76607	180	40	16	11	50	4			230	6	1
⚡	76609	210	44	19		60	4,5	2,8	2,2	280		

Cr-V



**DIN 5746**

⚡ 1.000V  
IEC 60900



	COD	L	A	B	C	D	1	3	2,5	gr.	6	1
	76611	235	43	19	13	55	5	3	2,5	380	6	1

Cr-V

With terminal crimping system

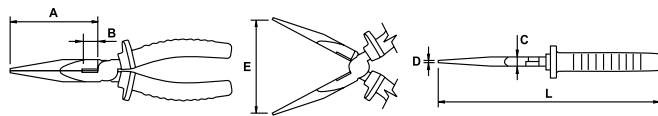


**LONG NOSE**



**DIN 5745**

⚡ 1.000V  
IEC 60900



	COD	L	A	B	C	D	E	1	2	1,5	gr.	6	1
	76612	160	55	11	9,5	2,5	46	3	2	1,5	170		
⚡	76613	200	75	15		3	70	3,5	2,5	2	210	6	1

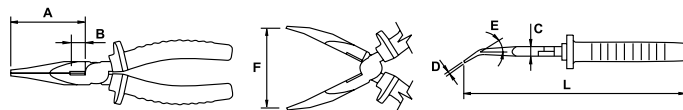
Cr-V

**BENT NOSE PLIERS**



**DIN 5745**

⚡ 1.000V  
IEC 60900



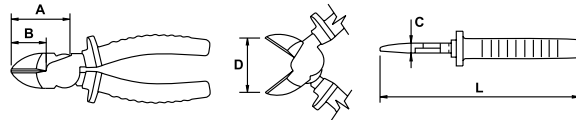
	COD	L	A	B	C	D	E	F	1	2	1,5	gr.	6	1
	76614	160	50	13	9,5	3	32°	41	3	2	1,5	170	6	1
	76615	200	75	14				90	3,5	2,5	2	210		

Cr-V

## DIAGONAL CUTTING PLIERS

1.000V  
 IEC 60900

DIN 5749



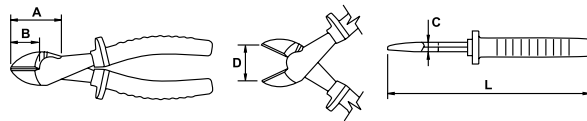
COD	L	A	B	C	D	Ø	Ø	Ø	gr.	Red	Red
76616	160	37	23	11	35	3	2,5	2	210	6	1
76617	190	40	25	11	29	3,5	2,7	2,2	250	6	1

Cr-V

## HEAVY DUTY CUTTING NIPPERS

1.000V  
 IEC 60900

DIN 5749



COD	L	A	B	C	D	Ø	Ø	Ø	gr.	Red	Red
76618	180	40	21	12	24	3,5	2,7	2,2	350	6	1
76619	200	40	21	12	22	4	3	2,5	380	6	1

Cr-V

# TECHNICAL SPECIFICATIONS

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	Handles	BIMAT
HARDNESS	General	> 45HRC
	Cutting edge (induction hardened)	55-60 HRC
FINISHING	TITACROM®	