

PLIERS **TITACROM® BIMAT**

Ega Master offers a wide range of pliers, such as **TITACROM® BIMAT** pliers, manufactured in chrome vanadium steel (CR-V), remarkable for its high precision cutting.

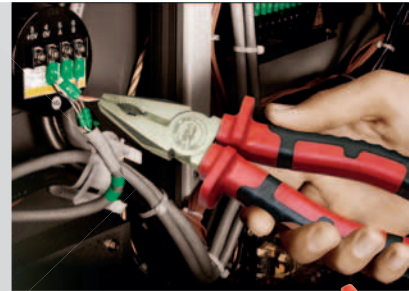


**HIGH
PRECISION
CUTTING**

1. Its axle ensures long service life and smooth operation without clearance.



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



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



4. TITACROM® - 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.

TITACROM BIMAT

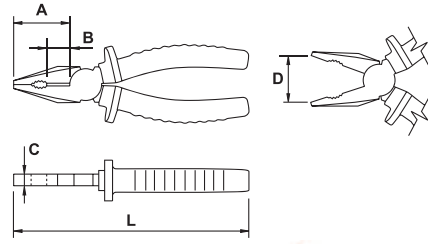
TECHNICAL SPECIFICATIONS

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

COMBINATION



DIN 5746



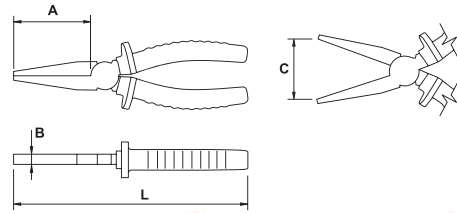
COD	L	A	B	C	D	1	2	3	4	5	6	7
62331	165	36	15	10	38	3	2	1,5	240			
62332	180	38	14	11	41	3,5	2,2	1,5	280	6	5	
62333	200	43	17	12	50	4	2,5	2	330			

Cr-V

FLAT NOSE



DIN 5745

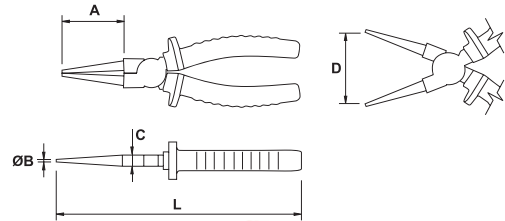


COD	L	A	B	C	1	2	3	4	5	6	7
62337	160	55	8,5	40	170	6	5				

ROUND NOSE



DIN 5745



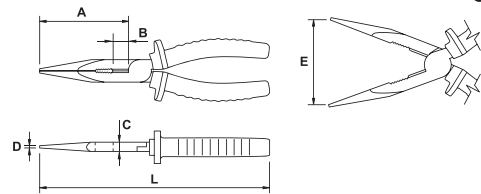
COD	L	A	B	C	D	1	2	3	4	5	6	7
62338	160	41	2	10	39	160	6	5				

Cr-V

LONG NOSE



DIN 5745



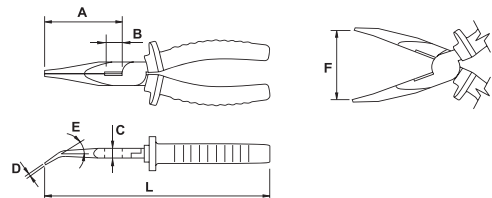
COD	L	A	B	C	D	E	1	2	3	4	5	6	7
62339	160	48	12	9,5	2,3	50	2,5	1,6	1	170			
62340	200	70	14	10,5	2,6	80	3,2	2,2	1,5	210	6	5	

Cr-V

BENT NOSE PLIERS



DIN 5745



COD	L	A	B	C	D	E	F	1	2	3	4	5	6	7
62341	160	41	12	9,0	2,7	32°	47	2,5	1,6	1	170			
62342	200	65	14	11	3,3	32°	70	3,2	2,2	1,5	210	6	5	

Cr-V



Soft
20Kg/mm² - 200N/mm²



Medium
75Kg/mm² - 750N/mm²

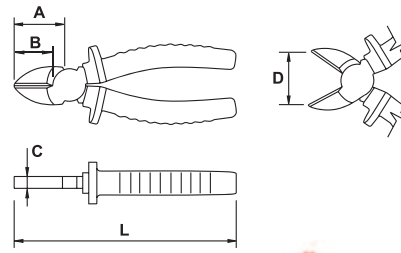


Hard
180Kg/mm² - 1800N/mm²



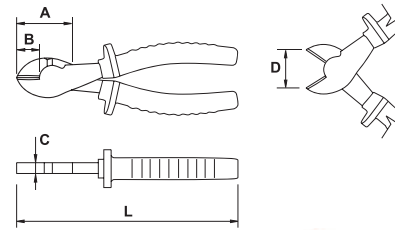
Piano wire
230Kg/mm² - 2300N/mm²

DIAGONAL CUTTING PLIERS



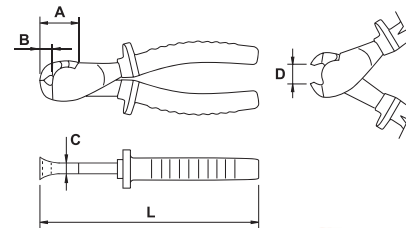
COD	L	A	B	C	D	Soft	Medium	Hard	Piano wire	Cr-V	
62343	160	25	20	10	25	3	2,2	1,5	210	6	5
62540	190	32	26	11	29	3,2	2,5	1,5	250	6	5

HEAVY DUTY CUTTING NIPPERS



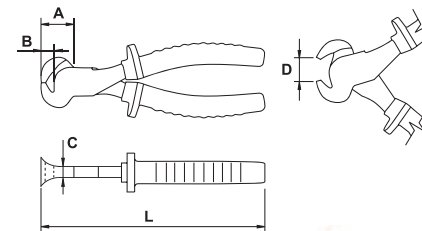
COD	L	A	B	C	D	Soft	Medium	Hard	Piano wire	Cr-V	
62344	180	43	21	11	25	3,2	2,5	2	350	6	5
62370	200	48	21	11	21	3,5	2,7	2,2	380	6	5

END CUTTING NIPPER



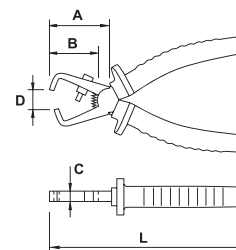
COD	L	A	B	C	D	Soft	Medium	Hard	Piano wire	Cr-V	
62345	160	27	9,0	11	9,0	3	2,5	2	250	6	5

END CUTTING NIPPER (ELECTRICIAN)



COD	L	A	B	C	D	Soft	Medium	Hard	Piano wire	Cr-V	
62346	160	20	9,0	11	19	3	2,3	2	250	6	4
62348	200	22	11	14	19	3,5	2,8	2	410	6	4

WIRESTRIPPER



COD	L	A	B	C	D	Soft	Medium	Hard	Piano wire	Cr-V
62349	160	0,5-6mm	44	37	9,0	21	170	6	5	5

POLISHED BIMAT

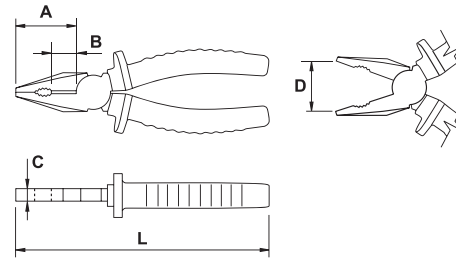
TECHNICAL SPECIFICATIONS

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

COMBINATION



DIN 5745



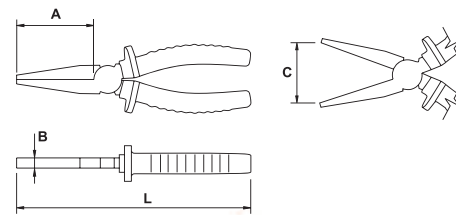
COD	L	A	B	C	D	1	2	3	4	5	6	7
62450	160	36	15	10	38	3	2	1,5	240			
62451	180	38	14	11	41	3,5	2,2		280	6	5	
62452	200	43	17	12	50	4	2,5	2	330			

Cr-V

FLAT NOSE



DIN 5745



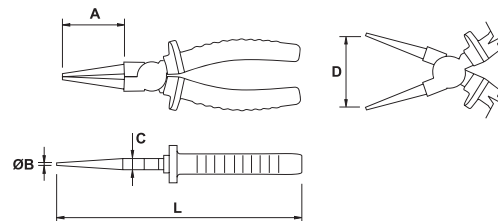
COD	L	A	B	C	D	1	2	3	4	5	6	7
62453	160	55	8,5	40	150				6	5		

Cr-V

ROUND NOSE



DIN 5745

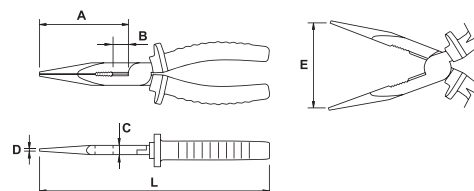


COD	L	A	B	C	D	1	2	3	4	5	6	7
62454	160	41	2	10	39	140	6	5				

LONG NOSE

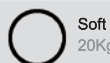


DIN 5745



COD	L	A	B	C	D	E	1	2	3	4	5	6	7
62455	160	48	12	9,5	2,3	50	2,5	1,6	1	150			
62456	200	70	14	10,5	2,6	80	3,2	2,2	1,5	190	6	5	

Cr-V



Soft
20Kg/mm² - 200N/mm²



Medium
75Kg/mm² - 750N/mm²

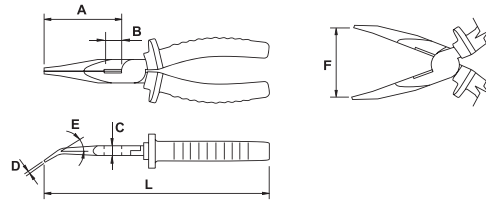


Hard
180Kg/mm² - 1800N/mm²



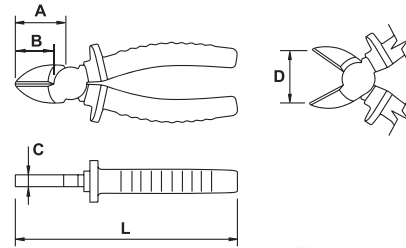
Piano wire
230Kg/mm² - 2300N/mm²

BENT NOSE PLIERS



COD	L	A	B	C	D	E	F	Soft	Medium	Hard	Cr-V	Red	Black
62457	160	41	12	9,0	2,7	32°	47	2,5	1,6	1	150	6	5
62458	200	65	14	11	3,3		70	3,2	2,2	1,5	190		

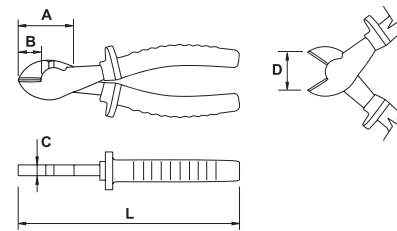
DIAGONAL CUTTING PLIERS



COD	L	A	B	C	D	Soft	Medium	Hard	Cr-V	Red	Black
62459	160	25	20	10	25	3	2,2	1,5	210	6	5

Cr-V

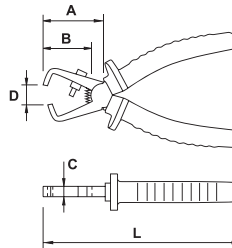
HEAVY DUTY CUTTING NIPPERS



COD	L	A	B	C	D	Soft	Medium	Hard	Cr-V	Red	Black
62460	180	43	21	11	25	3,2	2,5	2	350	6	5

Cr-V

WIRESTRIPPER



COD	L	A	B	C	D	Soft	Medium	Hard	Cr-V	Red	Black
62461	160	44	37	9,0	21	150	6	5			

Cr-V

LINESMAN'S



COD	L	Soft	Medium	Hard	Cr-V	Red	Black
62074	250	480	6	6			

Cr-V

Soft 20Kg/mm² - 200N/mm²
 Medium 75Kg/mm² - 750N/mm²
 Hard 180Kg/mm² - 1800N/mm²
 Piano wire 230Kg/mm² - 2300N/mm²

PLIERS

1.000V

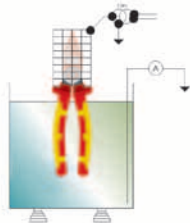
TITACROM®
BIMAT

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



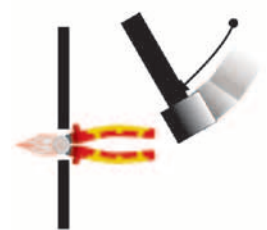
HEAT RESISTANCE TEST



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

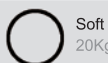
CAUTION

- 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

TECHNICAL SPECIFICATIONS

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



Soft
20Kg/mm² - 200N/mm²



Medium
75Kg/mm² - 750N/mm²

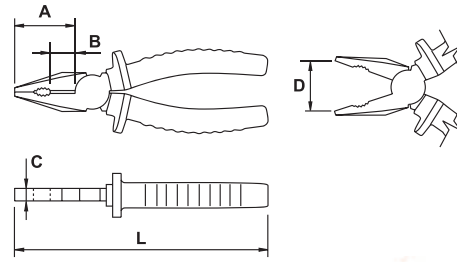


Hard
180Kg/mm² - 1800N/mm²



Piano wire
230Kg/mm² - 2300N/mm²

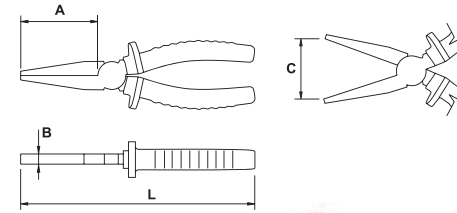
1000V COMBINATION



	COD	←L→	A	B	C	D							
	76582	165	36	15	10	38	3	2	1,5	240		6	5
	76583	180	38	14	11	41	3,5	2,2		280			
	76584	200	43	17	12	50	4	2,5	2	330			

Cr-V

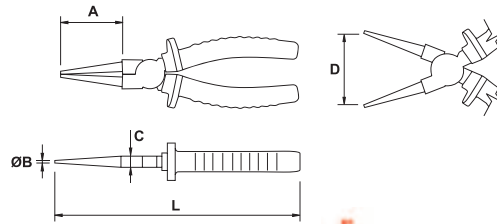
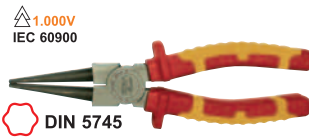
1000V FLAT NOSE



	COD	←L→	A	B	C				
	76589	160	55	8,5	40	170	6	5	

Cr-V

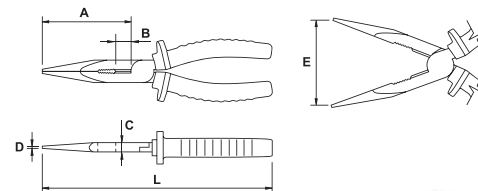
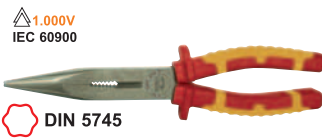
1000V ROUND NOSE



	COD	←L→	A	B	C	D				
	76590	160	41	2	10	39	160	6	5	

Cr-V

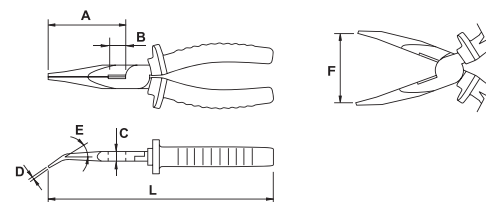
1000V LONG NOSE



	COD	←L→	A	B	C	D	E							
	76591	160	48	12	9,5	2,3	50	2,5	1,6	1	170		6	5
	76592	200	70	14	10,5	2,6	80	3,2	2,2	1,5	210			

Cr-V

1000V BENT NOSE PLIERS



	COD	←L→	A	B	C	D	E	F							
	76593	160	41	12	9,0	2,7		47	2,5	1,6	1	170		6	5
	76594	200	65	14	11	3,3	32°	70	3,2	2,2	1,5	210			

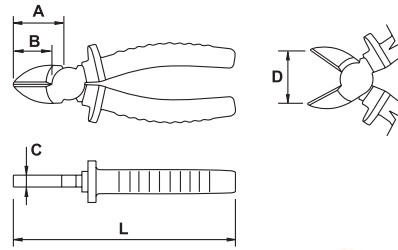
Cr-V

Soft 20Kg/mm² - 200N/mm²
 Medium 75Kg/mm² - 750N/mm²
 Hard 180Kg/mm² - 1800N/mm²
 Piano wire 230Kg/mm² - 2300N/mm²

1000V DIAGONAL CUTTING PLIERS

1.000V
IEC 60900

DIN 5749



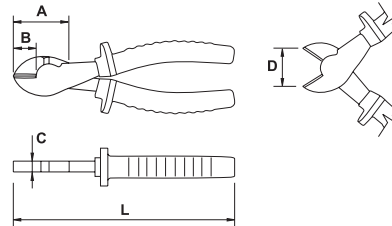
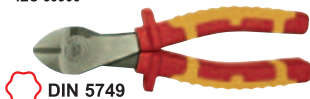
	COD	L	A	B	C	D						
	76595	160	25	20	10	25	3	2,2	1,5	210	6	5
	76596	190	32	26	11	29	3,2	2,5	1,5	250	6	5

Cr-V

1000V HEAVY DUTY CUTTING NIPPERS

1.000V
IEC 60900

DIN 5749



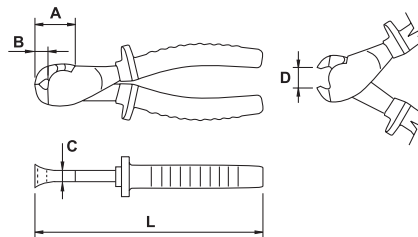
	COD	L	A	B	C	D						
	76597	180	43	21	11	25	3,2	2,5	2	350	6	5
	76598	200	48	21	11	21	3,5	2,7	2,2	380	6	5

Cr-V

1000V END CUTTING NIPPER

1.000V
IEC 60900

DIN 5748



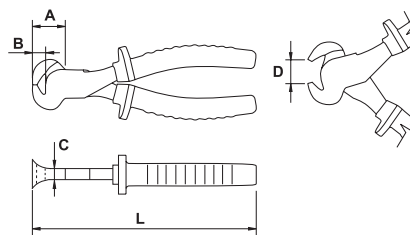
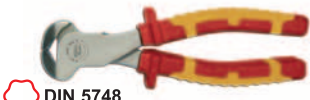
	COD	L	A	B	C	D						
	76599	160	27	9,0	11	9,0	3	2,5	2	250	6	5

Cr-V

1000V END CUTTING NIPPER (ELECTRICIAN)

1.000V
IEC 60900

DIN 5748



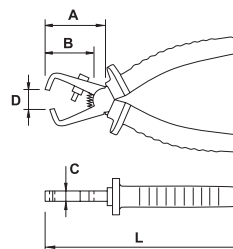
	COD	L	A	B	C	D						
	76600	160	20	9,0	11	19	3	2,3	2	250	6	4
	76602	200	22	11	14	19	3,5	2,8	2	410	6	4

Cr-V

1000V WIRESTRIPPER

1.000V
IEC 60900

DIN 5743



	COD	L		A	B	C	D				
	76603	160	0,5-6mm	44	37	9,0	21	170	6	5	5

Cr-V

DISPLAYS



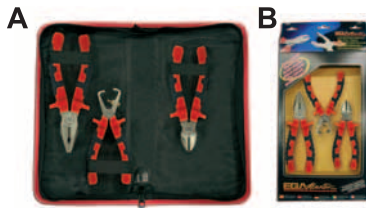
COD	UN.	←L→
62330	3	62331 160mm
		62332 180mm
		62333 200mm
		62337
		62338 160mm
		62339
		62340 200mm
		62341 160mm
		62342 200mm
		62343 160mm
		62344 180mm
		62345 160mm

COD	UN.	←L→
62040	3	62450 160mm
		62451 180mm
		62452 200mm
		62453
		62454 160mm
		62455
		62456 200mm
		62457 160mm
		62458 200mm
		62459 160mm
		62460 180mm
		62461 160mm

TITACROM®

POLISHED

KITS

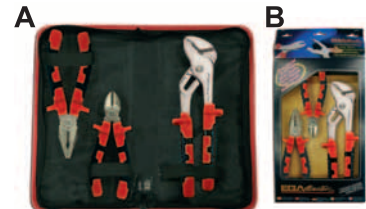


COD		←L→
A-69365 B-68475	1	62332 180mm
		62343 160mm
		62349

COD		←L→
A-69367 B-68483	1	62451 180mm
		62459 160mm
		62461

TITACROM®

POLISHED

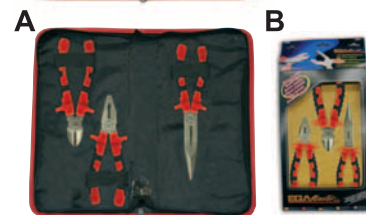


COD		←L→
A-69370 B-68476	1	62332 180mm
		62343 160mm
		62446 250mm

COD		←L→
A-69372 B-68484	1	62451 180mm
		62459 160mm
		62446 250mm

TITACROM®

POLISHED



COD		←L→
A-69375 B-68477	1	62332 180mm
		62343 160mm
		62340 200mm

COD		←L→
A-69377 B-68485	1	62451 180mm
		62459 160mm
		62456 200mm

TITACROM®

POLISHED



COD		←L→
A-69380 B-68478	1	62332 180mm
		62343 160mm
		62143 250mm

COD		←L→
A-69382 B-68486	1	62451 180mm
		62459 160mm
		62143 250mm

TITACROM®

POLISHED



COD		←L→
A-76604 B-76605	1	76607 180mm
		76616 160mm
		76603

TITACROM®