



**INDUSTRIAL
MATRICERA
CARCELLER, S.A.**

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C/ Vall d'Aràn, 17
8940 CORNELLÀ (Barcelona)

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Email imcasa@imcasa.es

CIF : A-58083718

CAPITAL : 84.141 €

TURNOVER PER YEAR: 7.000.000 €

LOCATION

ADMINISTRATION :
C/ Vall d'Aràn, 17
08940 CORNELLA (Barcelona)

FACTORY 1
C/ San Vicente Ferrer, 18
08940 CORNELLÀ (Barcelona)

FACTORY 2 :
C/ Cobalto 189
08907 HOSPITALET (Barcelona)

FACTORY 3 :
C/ Cobalto 185 nave 2
08907 HOSPITALET (Barcelona)



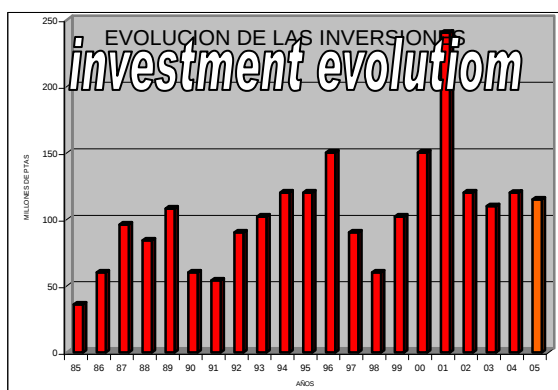
ORIGIN AND EVOLUTION

- The enterprise was founded in 1940 by MIGUEL CARCELLER. He began as a die and tooling builder. In 1944 he bought the first 20 ton press and began the stamping activity in Barcelona
- In 1969 the enterprise was moved to actual Direction in Cornellà de Llobregat, the first location was about 300 m² with several different presses between 20ton to 80ton

- Between 1986-1996 the enterprise add a new surface of 400 m² and a warehouse of 150m²
- 7 news presses of 250ton to 40 tn were added during this period.
- 2 new wire erosion machines
- a new quality department based on ISO standard



- Between 1996-1998 we began the activity of a new factory in HOSPITALET de Llobregat , 800 m² for stamping presses 300ton,275ton,250ton,200ton. In this dates the ISO9002 quality was ready and we get the certification in 1998.
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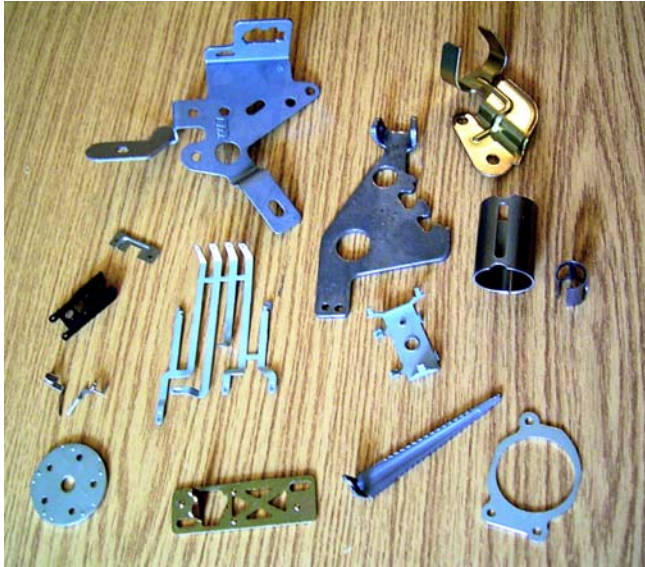
- IN 2001 close the new factory we add a new production plant dedicated to transfer welding and assembling.

- Betwenn2001-2006 we transform our investment to manage the technologies of transfer tools and transfers process.

Besides in this period we add a big 400ton presses and design more than 10 new transfer process with success.

ACTIVITIES

STAMPING



PROGRESIVE APLICATIONS IN DIFERENTS RAW MATERIALS STEELS, TEFLÓN, COMPOSITES,,ALUMINIUM ALL KIND OF SURFACES TRACTAMENTS. CU-SN,ZI-NI ,NORMAL ZI,DELTATONE , HEAT TREATMENT, KTL,PAINTS ETC..

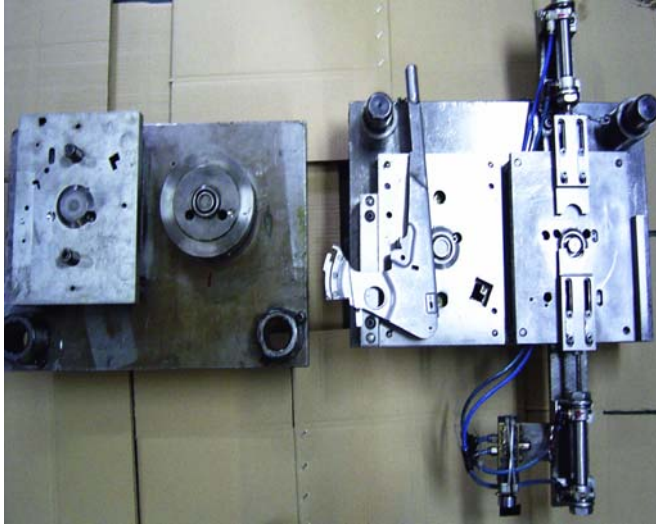
TRANSFER APLICATIONS FOR BIG PARTS SINCE 6MM OF THICKNESS



WELDING AND ASSEMBLING

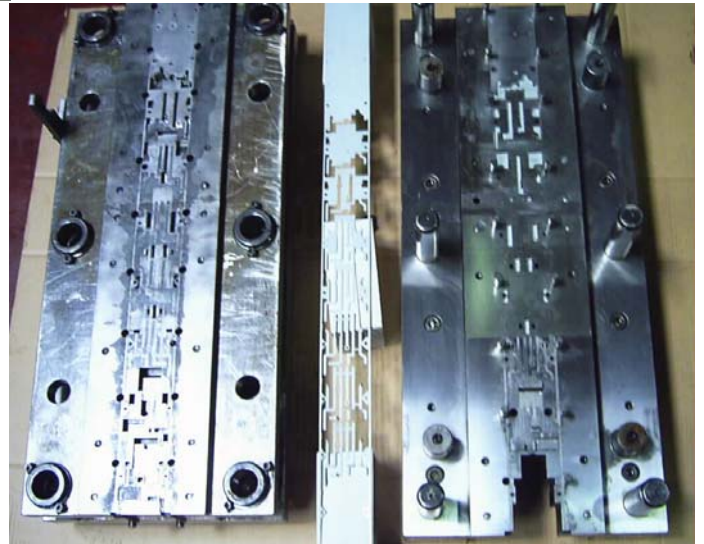
TOOL BUILDING

DESIGN TECHNOLOGIE CAD/CAM/CAE



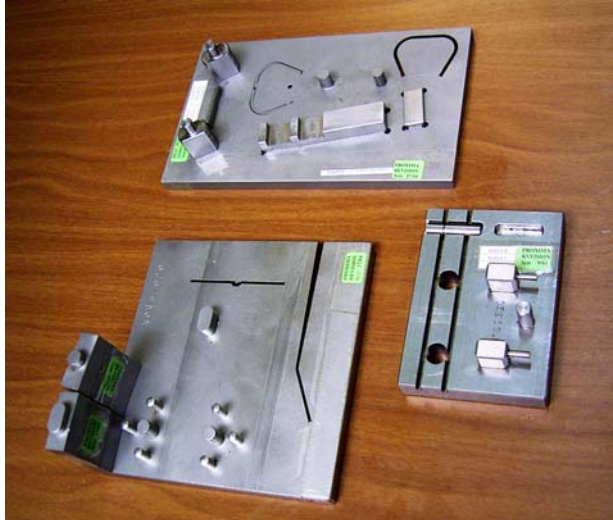
CONVENTIONAL DESIGN WELDING APPLICATIONS

PROGRESIVE DIES



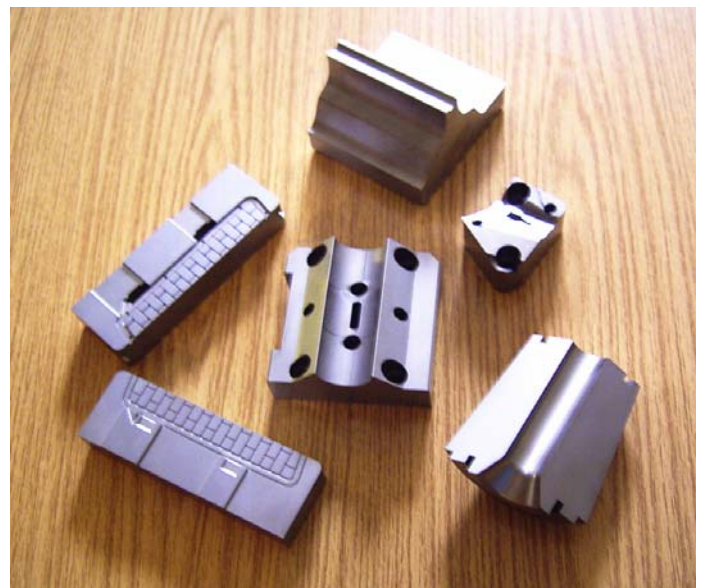
TRANSFER DIES

GAUGES BUILDERS



GAUGES FOR QUALITY CONTROL

WIRE EROSION SPECIAL WORKS



PROTOTYPES AND SAMPLES UIT SHORT
LEADTIMES,USING LASER , 3D LASER AND HIGHT
SPEED TECHNOLOGIES

STAMPING WORKSHOP

- BIG WORK TABLES PRESSES

Blanch	Copress	Schuler	Schuler	Schuler	Komatsu	Blanch
400 Tm	400 Tm	300 Tm	275 Tm	250Tm	250 Tm	200 Tm

- PRESSES

160 Tm	150 Tm	150 Tm	100 Tm	80 Tm	60 Tm	40 Tm	25 Tm	10 Tm
3	1	1	2	1	3	5	5	1

- BOBBIN MACHINES

800 x 3	600 x 6	600 x 3	500 x 3	300 x 3	300 x 2	250 x 2	250 x 1,5	200 x 1,5	150 x 1
1	1	1	1	1	1	2	1	3	1

- 1 SPECIAL ALUMINIUM STATION TO PULÍSH FEED
- 2 DEGREASE STATIONS
- 1 VIBRATION STATION
- 1 PULISH STATION
- 3 WELDING MACHINES



MEDIOS TÉCNICOS DE MATRICERIA

3- WIRE EROSION MACHINES 11 KW " FANUC "

1- ELECTRODE EROSION MACHINE 10 Kw " ONA "

1- RECTIFIER 650 mm. " GER "

1- MILLING MACHINE FMC - 1600 " LAGUN "

1- DRILLING MACHINE " ERLO "

1- SURFACE POLISH MACHINE 0,5 CV.

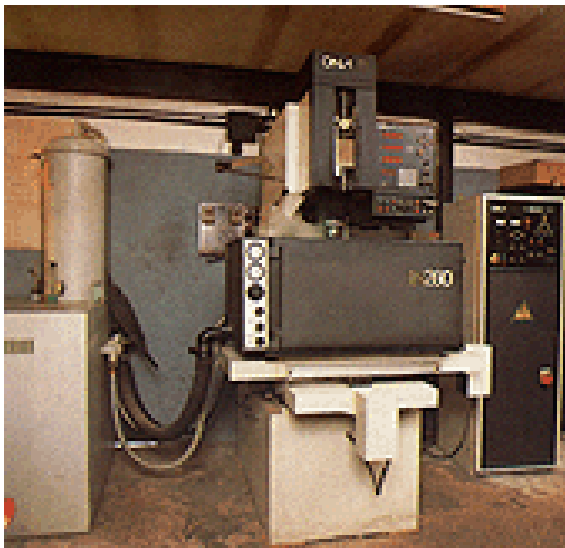
1- ELECTRICAL FURNANCE de 4 KW.

1- MILLING MACHINE large 1.100 mm. " LAGUN "

3- DRILLING MACHINES

1- WINCH d= 1 m. " CUMBRE "

.



SURFACES

TOTAL SURFACES	3.600m ²
TOOLING	350 m ²
STAMPING.....	1900 m ²
RAW MATERIAL WAREHOUSE.....	750 m ²
FINISH PRODUCT WAREHOUSE ..	350 m ²
OFFICES	200 m ²

HUMAN RESOURCES

EMPLOYES	55
STAMPING	32
TOOLING	12
STAFF	9
TECHNICAL ENGINEER ...	4

CLIENTS

AUTOMOTIVE :

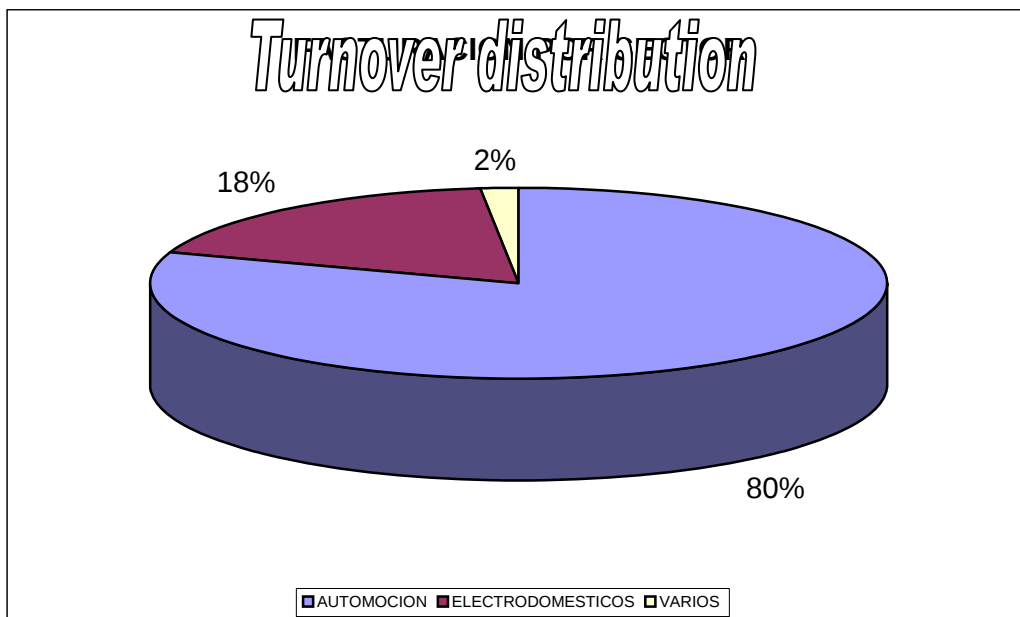
- ALLIEDSIGNAL MATERIAL FRICTION S.A.
- BTR AVS
- CASTELLON
- CAUCHO METAL PRODUCTOS S.L.
- FICO CABLES, TRIAD Y TRANSPAR
- GRAMMER AUTOMOTIV
- GEDIA ESPAÑA
- METZELER AUTOMOTIV
- MIKALOR
- TRELLEBORG
- VALEO

ELECTRIC COMPONENTS

- BRAUN
- EPOXSYMA
- GOTTAK
- LUXUS ESPECIALIDADES ELECTRICAS

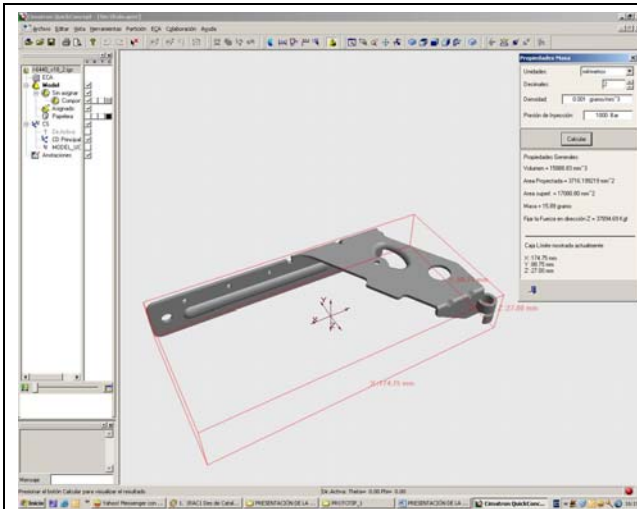
OTHERS

- INDUSTEX
- INDUSTRIAS EL GAMO
- HIDROTEN
- MIRVIFER S.L.
- OKEN
- SILLERIAS FM
- TALLERES CATALONIA S.A.
- TALLERES MECANICOS BARDAJI S.A.
- TELESCO CONTROL PUERTAS



DESIGN DEPARTMENT

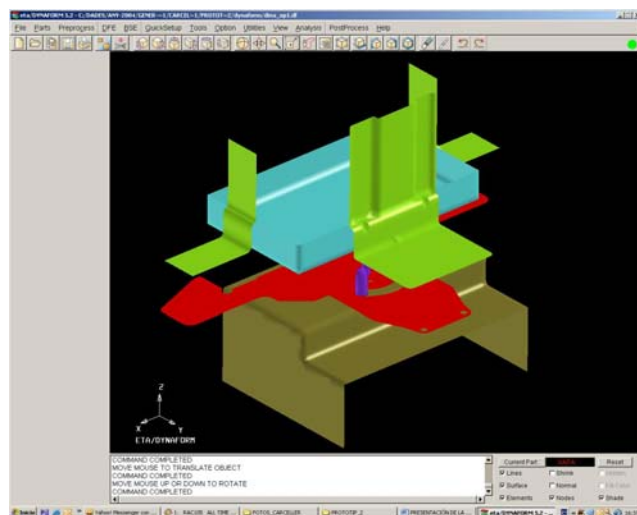
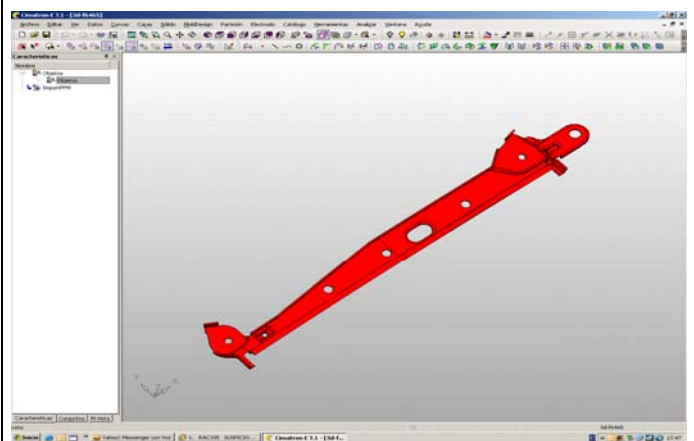
3D CAPABILITIES



WE HAVE QUICK TRANSLATIONS OF ALL THE DESIGN PROGRAMS CATIA,IDEAS,CAD5 ETC TO MAKE QUICK QUOTATIONS DIRECTLY OF THE 3D DESIGNS OF OUR CLIENTS (QUICKCONCEPT v.2.5).

WE DESIGN WITH THE LAST CAD/CAM/CAE GENERATIONS PROGRAMS CAD/CAM (CIMATRON E v.7.1 , MASTERCAM).

THIS PROCEDURE WE GET QUICK REPONSE TO BUILD OUR TOOLS,WORKING WITH THE FORMS DESIGNED BY OUR CLIENTS



WE ALSO GET A CAE SYSTEM .VIRTUAL PRESS. THIS SYSTEM MAKES SIMULATIONS OF STAMPING PROCESS AND WE GET RIGHT PROFILES, POSSIBLE CRASH ZONES, THICKNESS MAP ETC...

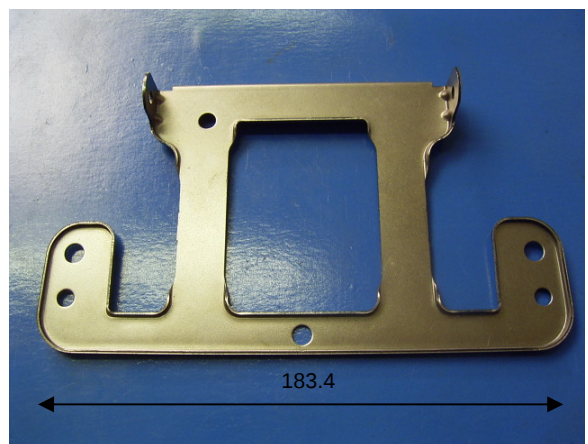
PARTS BOOK:

Sector	Automotion
Denomination	Palanca
Reference	27.424
Thickkness	2 mm
Machine	400 ton
Die/tool	Transfer 6 steps
Observations	Welding station after the stamping

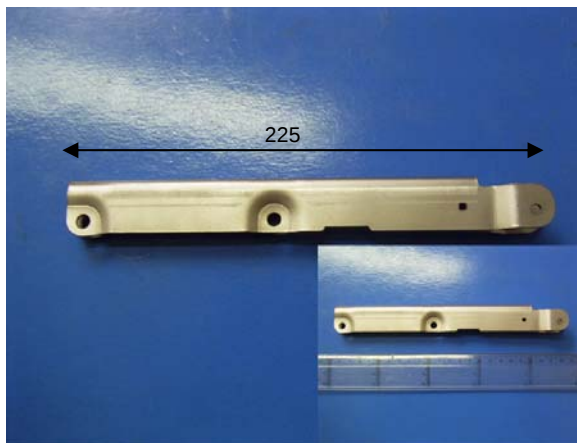
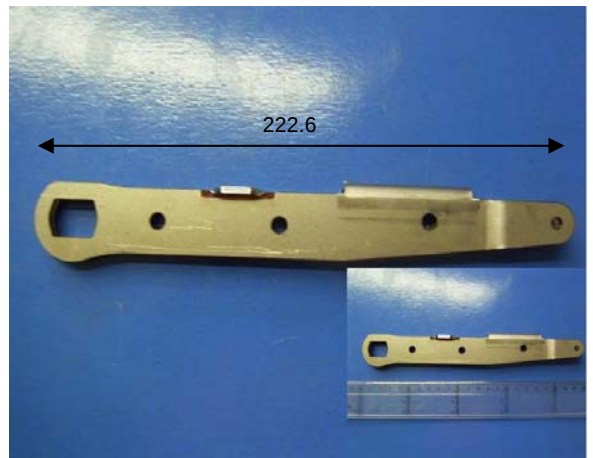


Sector	Automotion
Denomination	Guia Cable
Reference	23.516
Thickkness	2 mm
Machine	200 ton
Die/tool	Progressive 2 parts
Observations	Welding station

Sector	Automotion
Denomination	Wing
Reference	113.19.276
Thickkness	1 mm
Machine	150 ton
Die/tool	Progressive
Observations	

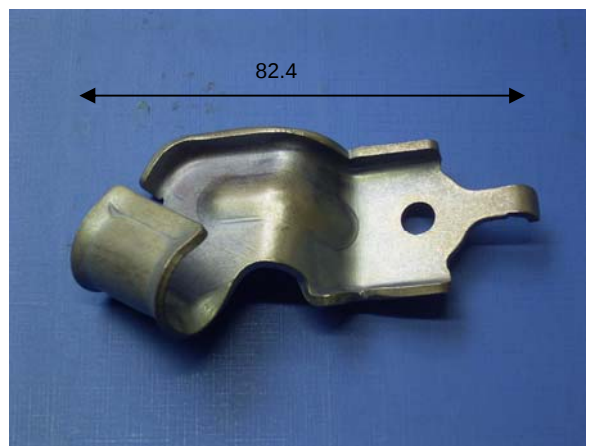


Sector	Automotion
Denomination	Rotation Arm
Reference	113.19.289
Thichkness	2 mm
Machine	250 ton
Die/tool	Progressive.
Observations	

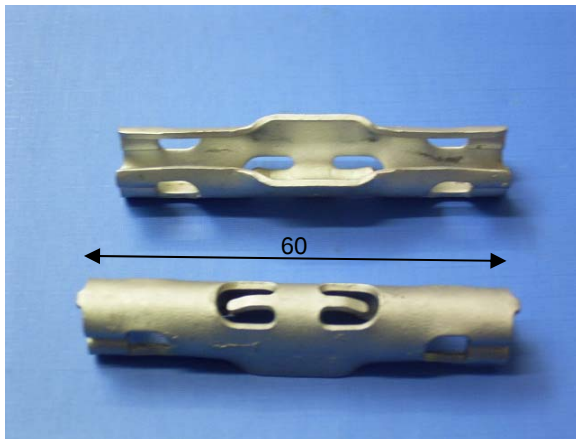
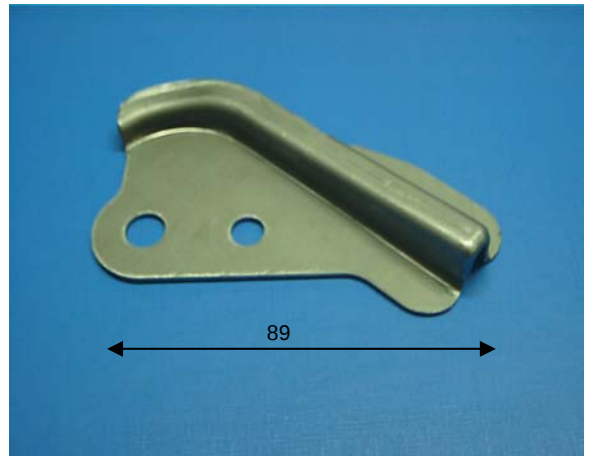


Sector	Automotion
Denomination	Arm
Reference	113.19.316
Thichkness	2 mm
Machine	250 ton
Die/tool	Progressive
Observations	

Sector	Automotion
Denomination	Brida Yaris
Reference	113.18.892
Thichkness	2 mm
Machine	250 ton
Die/tool	Progressive
Observations	2 Parts each step Zi-Ni surface.

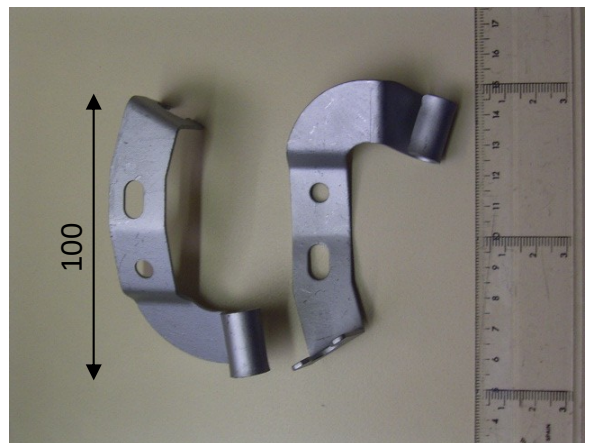


Sector	Automotion
Denomination	Guía Cable
Reference	113.27.636
Thickkness	1.5 mm
Machine	200 ton
Die/tool	Progressive.
Observations	

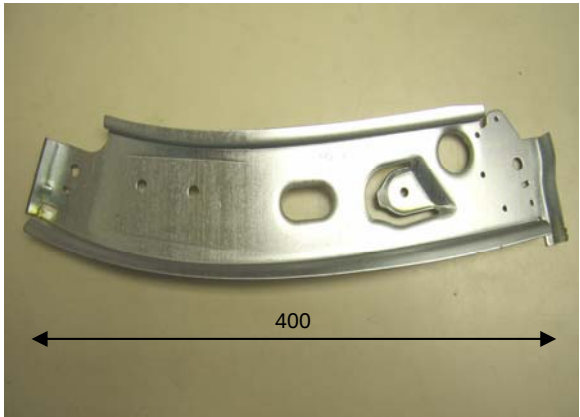
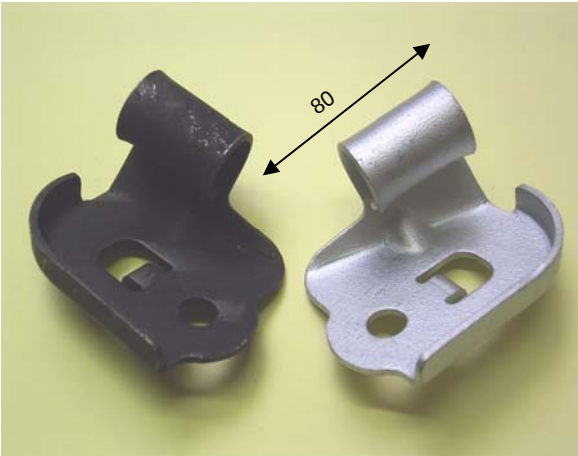


Sector	Automotion
Denomination	Conector
Reference	27.190
Thickkness	1.22 mm
Machine	125 ton
Die/tool	Progressive
Observations	Heat treatment + Deltatone

Sector	Automotion
Denomination	Brida Fijación
Reference	F-6483
Thickkness	1.5 mm
Machine	160 ton
Die/tool	Progressive
Observations	Deltatone Surface Treatment

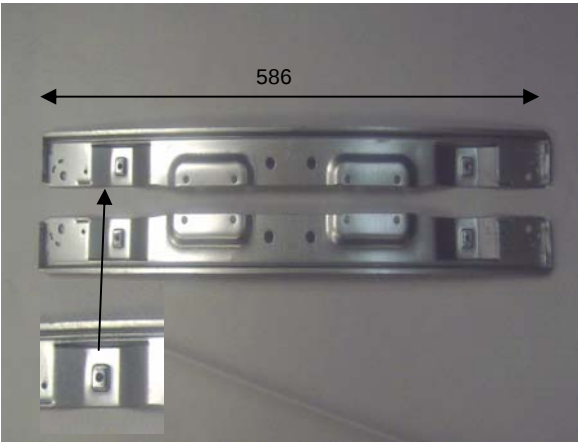


Sector	Automotion
Denomination	Brida Sujeción
Reference	F-6594
Thickkness	1.5 mm
Machine	160 ton
Die/tool	Progressive.
Observations	Deltatone Surface Treatment

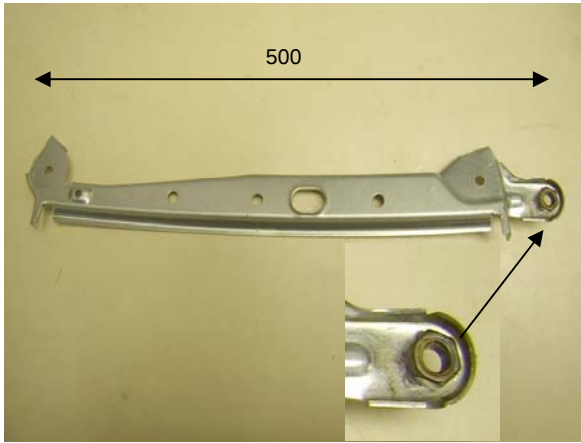


Sector	Automotion
Denomination	Carril Focus Trasero
Reference	F-6730
Thickkness	2 mm
Machine	4000 ton
Die/tool	Progressive
Observations	

Sector	Automotion
Denomination	Carril dealntero Galaxi
Reference	F-6638
Thickkness	1.2 mm
Machine	400 ton
Die/tool	Progressive 2 parts
Observations	Nut added inside the die

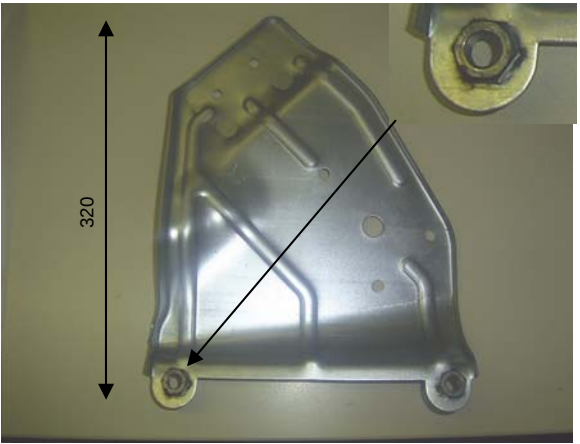


Sector	Automotion
Denomination	Carril Trasero Mondeo
Reference	Fc-7297
Thichkness	1.5 mm
Machine	400 ton
Die/tool	Progressive 2 parts
Observations	Nut added inside the die

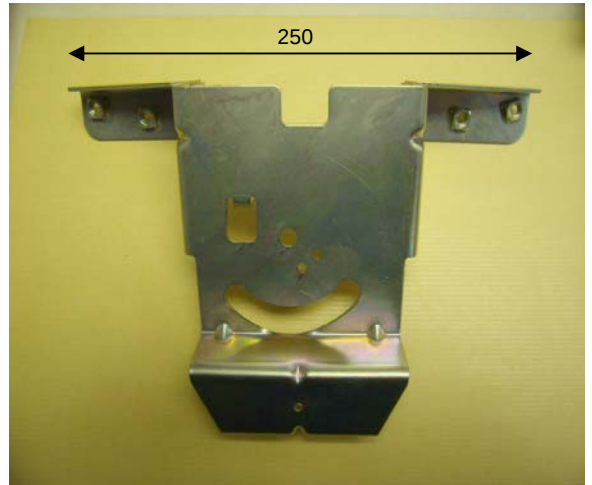


Sector	Automotion
Denomination	Carril Delantero Aston
Reference	F-6402
Thichkness	1.5 mm
Machine	400 ton
Die/tool	Progressive 2 parts
Observations	Nut welded

Sector	Automotion
Denomination	Placa Base Focus
Reference	F-6779
Thichkness	2 mm
Machine	400 ton
Die/tool	Progressive
Observations	Nut welded.



Sector	Automotion
Denomination	Conjunto Soporte Palanca
Reference	Sc-188.000
Thichkness	2 mm
Machine	160 ton
Die/tool	4 Simple Dies
Observations	Nuts Welded

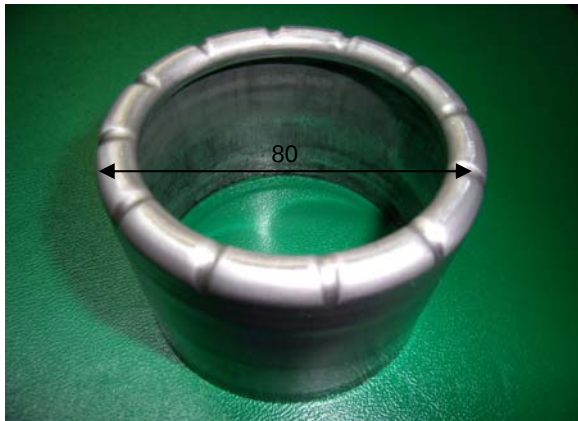
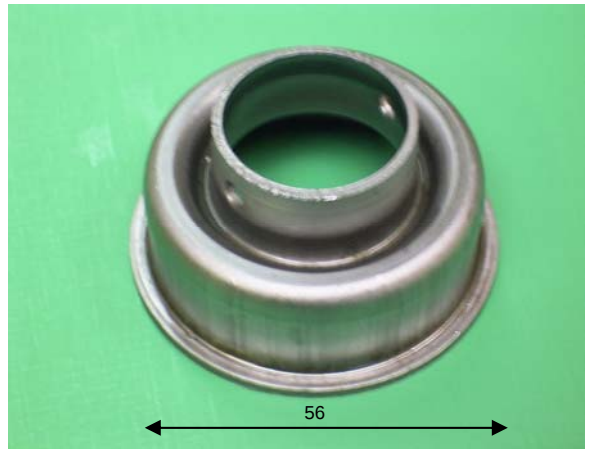


Sector	Automotion
Denomination	CasquilloExt.Modifcado
Reference	839758-C
Thichkness	1.5 mm
Machine	160 ton
Die/tool	Transfer 9 Steps
Observations	

Sector	Automotion
Denomination	POT
Reference	995884
Thichkness	2 mm Aluminium
Machine	80 ton
Die/tool	Progressive
Observations	



Sector	Automotion
Denomination	Rotation Arm
Reference	113.19.289
Thickkness	2 mm
Machine	250 ton
Die/tool	Progressive.
Observations	

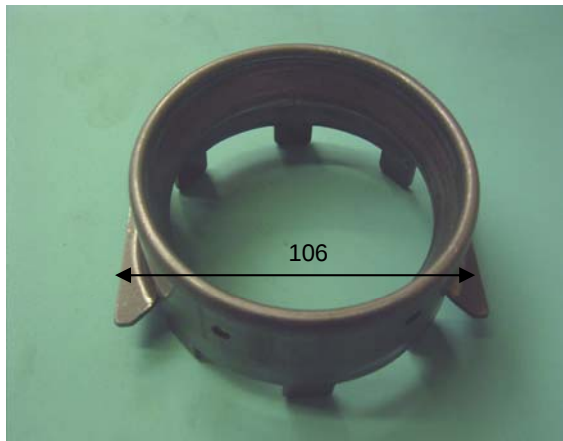
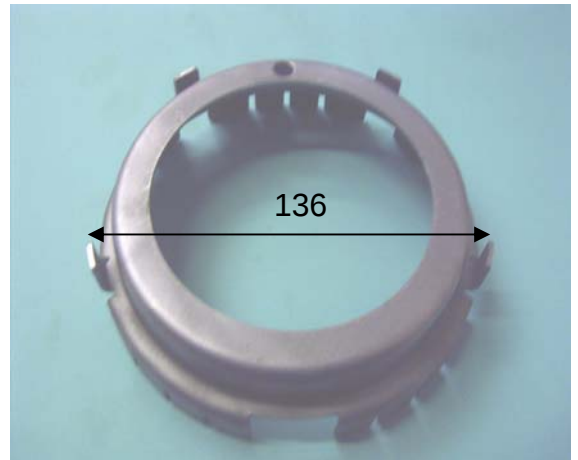


Sector	Automotion
Denomination	Boitier Exterieur
Reference	F6001130
Thickkness	2 mm
Machine	400 ton
Die/tool	10 Steps Transfer.
Observations	

Sector	Automotion
Denomination	Boitier Acier
Reference	F6073120
Thickkness	2 mm
Machine	400 ton
Die/tool	10 Steps Transfer.
Observations	

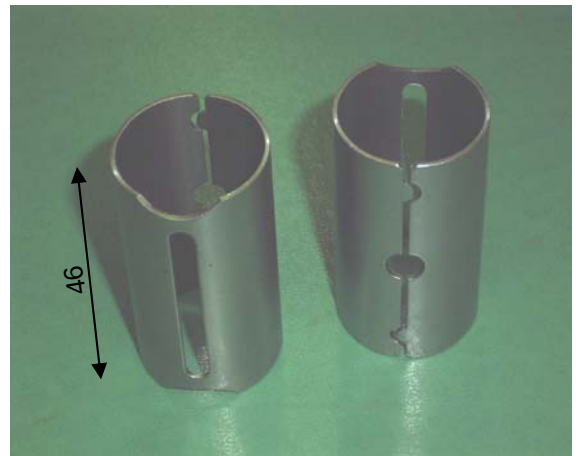


Sector	Automotion
Denomination	Coger Insert
Reference	XF-6028141
Thickkness	1.5 mm
Machine	400 ton
Die/tool	8 Steps transfer
Observations	

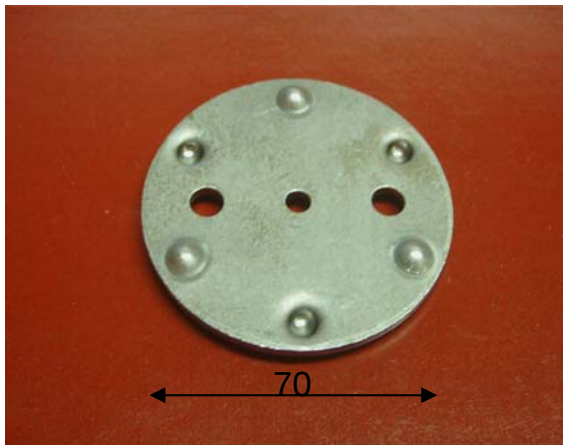
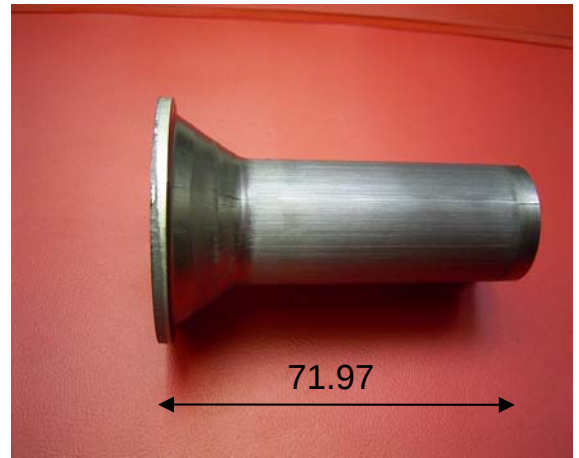


Sector	Automotion
Denomination	Lower Insert
Reference	Xf-6020100
Thickkness	2 mm
Machine	400 ton
Die/tool	12 Steps transfer
Observations	

Sector	Automotion
Denomination	Lower Insert
Reference	41068850
Thickkness	1 mm
Machine	80 ton
Die/tool	Progressive
Observations	High production 8.000.000 parts year



Sector	Automotion
Denomination	Casquillo Interior
Reference	F6073120
Thickkness	3 mm
Machine	400 ton
Die/tool	18 Steps Transfer.
Observations	5 Refrigerate Stations.

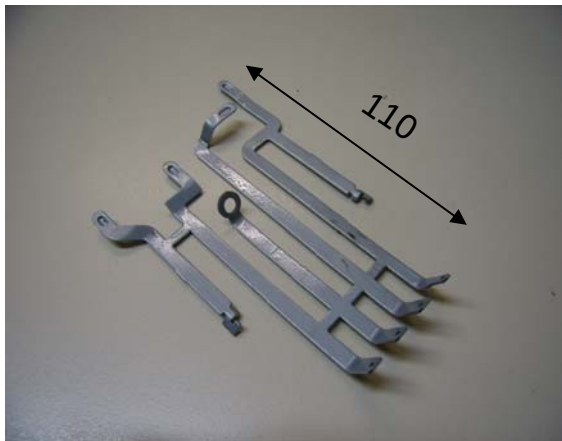
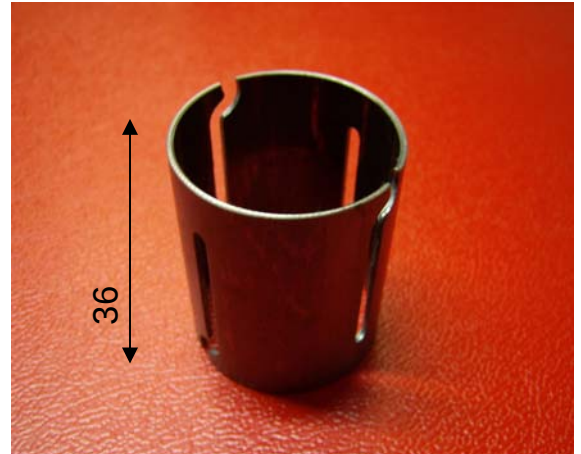


Sector	Automotion
Denomination	Arandela
Reference	33857311
Thickkness	3 mm
Machine	250 tn
Die/tool	Progressive 3 parts
Observations	500 Mpa material

Sector	Automotion
Denomination	Tope Superior
Reference	34782411
Thickkness	2.75 mm
Machine	300 ton
Die/tool	Progressive
Observations	

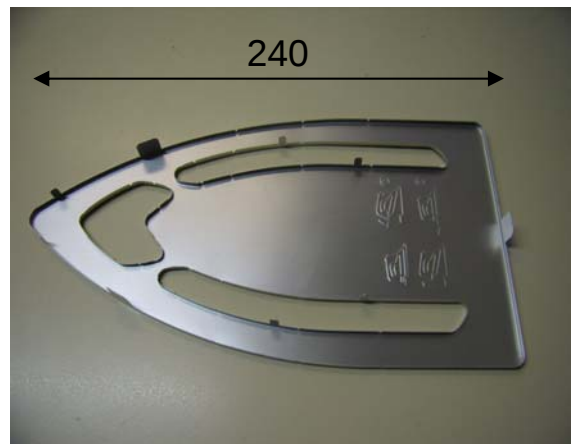


Sector	Automotion
Denomination	Casquillo ranurado
Reference	2101013
Thickkness	1 mm
Machine	40 ton
Die/tool	Simple Die.
Observations	Tube raw material.

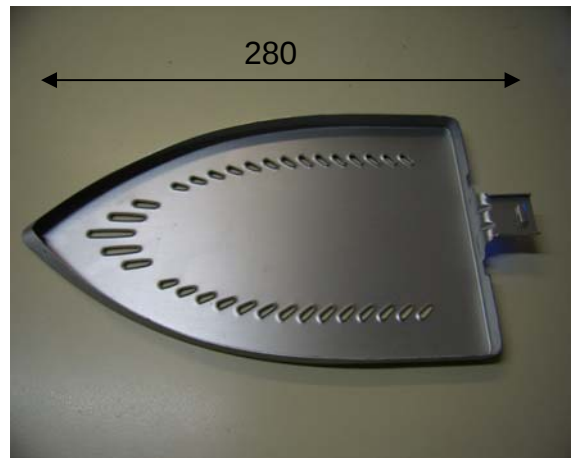


Sector	Household-electric
Denomination	Araña doblada.
Reference	4699041
Thickkness	0.8 mm
Machine	150 ton
Die/tool	Progressive
Observations	Automatic packaging and degreasing.

Sector	Household-electric
Denomination	Chapa superior
Reference	4.695.044
Thickkness	0.3 mm
Machine	80 ton
Die/tool	Progressive
Observations	Anodize part.

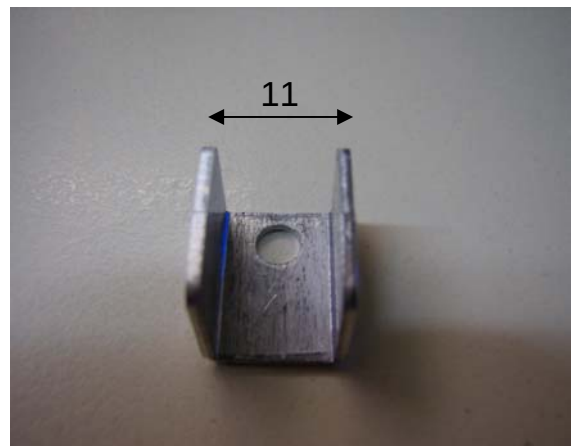


Sector	Household-electric
Denomination	Zapatilla extra
Reference	4.695.050
Thickkness	0.8 mm
Machine	250 ton
Die/tool	6 Steps transfer.
Observations	Anodize part.

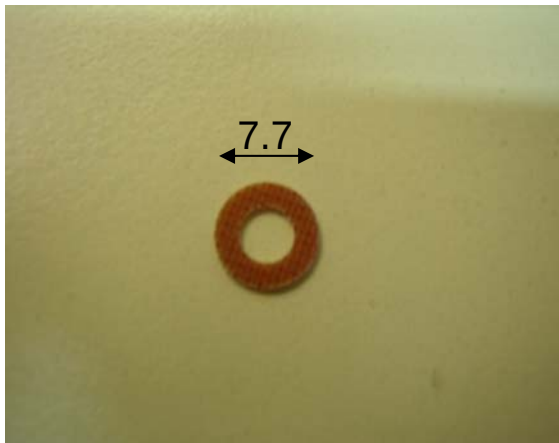
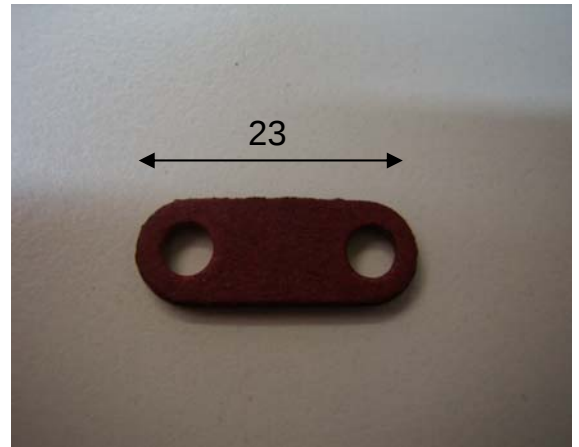


Sector	Household-electric
Denomination	Conjunto Tapa Suela
Reference	
Thickkness	
Machine	
Die/tool	
Observations	

Sector	Household-electric
Denomination	Difusor Triac
Reference	4.642.055
Thickkness	1 mm
Machine	250ton
Die/tool	Progressive
Observations	



Sector	Household-electric
Denomination	Brida sujección cable
Reference	4965255
Thickkness	2 mm
Machine	30 ton
Die/tool	Progressive
Observations	Anodize part.



Sector	Household-electric
Denomination	Arandela Celotec
Reference	4.192.039
Thickkness	0.2 mm
Machine	25 ton.
Die/tool	Progressive
Observations	Anodize part

Sector	Household-electric
Denomination	arandela
Reference	01111154
Thickkness	0.5 mm
Machine	25ton
Die/tool	Progressive
Observations	Anodize part

