OLAMEF

Electronic component preforming equipment

TOP ITALIAN MACHINE MANUFACTURER
FOR ELECTRONIC INDUSTRY

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THE WEIGHT OF OUR MACHINES IS BETWEEN KILOS.
CARTONS ARE USED TO PACK LIGHT MACHINES
WOODEN CASE IS USED TO PACK HEAVIER ONES

SP LINE MACHINES

Designed and manufactured to integrate to customer's specific instrumentation

Olamef's knowledge and experience manufacturing forming machines are applied when designing this new line of equipment
It helps to eliminate manually forming and inserting through hole components
Operate components without nicking or cracking leads.
The SP machines cut, bend and form components placing them in a position where they can be picked up by an automatic system to complete an assembly cycle.
Weight, dimension and volume of feeders vary on each individual unit and depend greatly on the customer's requirements.

SP21

PNEUMATIC STEP BY STEP FEEDER FOR THE PREPARATION OF RADIAL TAPED COMPONENTS

SP21.03 STRIGHT CUT ADJUSTABLE HEIGHT

SP21.09 CUT AND 90° BEND

Pneumatic feeder SP21 is designed to preform taped radial components.
Very fast system suitable to height adjustable cut or cut and 90° bend.
It is supplied mechanically operating, complete with cylinders; without electrical or pneumatic systems and PLC.
This feeder can prepare components to be picked up by a mechanical gripper.
It is suitable as working point in automatic placement lines.

PRODUCTION: 1.200 P/H

SP21/A

AUTOMATIC STEP BY STEP MACHINE FOR RADIAL TAPED COMPONENTS

SP 21/A 03 STRAIGHT CUT ADJUSTABLE HEIGHT

SP 21/A 09 CUT AND 90° BEND

SP21/A is a pneumatic machine suitable to operate radial taped components. Very fast system suitable to height adjustable cut or cut and 90° bend.
It automatically operates components for their subsequent ejection into a part bin.

PRODUCTION: 1.200 P/H

SP27

STEP BY STEP PNEUMATIC FEEDER EQUIPPED WITH MORE STATIONS ABLE TO OPERATE TAPED RADIAL COMPONENTS

SP27.01 CUT AND FORM WITH KINKS

SP27.02 CUT AND PITCH SPREAD

SP27.04 CUT AND SMD OUTWARD FORM

SP27.06 SELECTION OF FORMS ON DEMAND

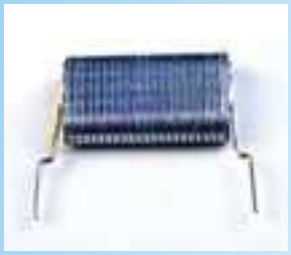
PRODUCTION: 700 P/H

SP27 pneumatic feeder is designed to operate taped radial components. As this model have more posts, it is able to operate different and more complex forms depending on the customer's request. It is supplied mechanically operating, complete with cylinders; without electrical or pneumatic systems and PLC.This feeder can prepare components to be picked up by a mechanical gripper. It is suitable as working post in automatic placement lines.

SP27/A

STEP BY STEP AUTOMATIC MACHINE EQUIPPED WITH MORE STATIONS ABLE TO OPERATE TAPED RADIAL COMPONENTS

SP27/A 01 CUT AND FORM WITH KINKS



SP27/A 02 CUT AND PITCH SPREAD

SP27/A 04 CUT AND SMD OUT-WARD FORM

SP27/A 06 SELECTION OF FORMS ON DEMAND

PRODUCTION: 700 P/H

SP27/A is an automatic machine designed to operate taped radial components. Having it more posts, it's able to operate different and more complex forms depending on the customer's request. Automatically operate components are ejected into a dedicated part bin.

SP22

PNEUMATIC STEP BY STEP FEEDER FOR THE PREPARATION OF TAPED AXIAL COMPONENTS

SP22.05 CUT BEND AND SWAGE LEADS

SP22.08 CUT AND 90° BEND

SP22.17 CUT AND DOUBLE BEND

SP22.21 CUT AND BEND FOR VERTICAL MOUNT

SP22.25 CUT, BEND AND FORM

PRODUCTION: 1.200 P/H

Special pneumatic post designed on specific data received by customer for the cut, bend and form of taped axial components. Tape feed occurs on horizontal axis. Components are individually and vertically operated from top to bottom. The leads of the component are held on the right and left sides of the body during the cut. This way all risks of damaging the body are avoided. This position is supplied without electrical, electronic or pneumatic system and it is mechanically operating. Then it can be integrated to an automatic placement system.

TP7

AUTOMATIC CUTTING BENDING FORMING MACHINE FOR TAPED AXIAL COMPONENTS

48.0L01 CUT BEND AND FLATTEN LEADS

48.0L02.01 CUT AND "U" BEND WITH KINK INWARD

48.0L02.04 CUT AND "C" BEND

48.0L02.06 CUT AND "SEAGULL WINGS" FORM

48.0L02.11 CUT AND ONLY ONE SIDE 90° BEND

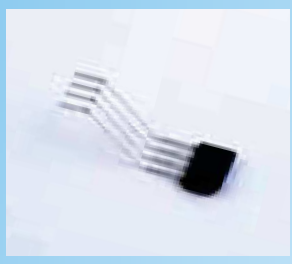
48.0L02.18 CUT AND LOOP FORM

PRODUCTION: 1.200 P/H

Special automatic machine designed to cut, bend and form axial components to customer's specification and PLC controlled. Tape feed occurs on horizontal axis. Components are ndividually and vertically operated from top to bottom. The leads of the component are held on the right and left sides of the body before the cut and during the forming. This way all risks of damaging the body are avoided.

SP26

AUTOMATIC, PNEUMATIC CUTTING AND FORMING MACHINE FOR TAPED HALL TRANSISTORS



SP26.02 CUT AND FORM

SP26.05 CUT AND 90° BEND

SP26.06 CUT AND "S" SHAPE FORM SUITABLE FOR FLAT LEAD

SP26.09 CUT AND "S" SHAPE FORM"

PRODUCTION: 1.200 P/H

SP26 is an automatic, pneumatic machine with tape feed, centring, cut and form for taped Hall transistors.This machine was designed to operate Hall Transistors which are very delicate and weak and need perfect positioning on the forming die. The model SP26 is equipped with a pneumatic centring gripper that locks the body of the component. After cutting the component from the tape the gripper moves it to the subsequent step (i.e. 90° bending, SMD form or other forms) and finally places it into a bin or into a set point where a mechanical hand (robot) can pick it up.

SP20

MANUAL MACHINES FOR LOOSE COMPONENTS DESIGNED TO CUSTOMER'S SPECIAL NEEDS

SP20.05

SP20.07

SP20.08

PRODUCTION: 600 TO 1.000 P/H

SP20 line Pneumatic machines are manually operated equipment, individual component feed suitable to cut and form radial loose components. Machine's die assembly is designed to quickly reach the forms requested by the customer. It simplifies and speed up the time needed, reducing the number of steps in one single operation

SP34

AUTOMATIC CUTTING – PREFORMING MACHINE AND SUBSEQUENT TAPED FILTERS' PLACEMENT

SP34.01

SP34.01 is an automatic machine designed to cut, preform and place filters. It is an example of a manipulator that OLAMEF designed to take radial components from the tape, operate the leads at more intermediate posts and then place component where the customer needs it.

PRODUCTION: 1000 P/H

SP36

LOOSE COMPONENTS PREFORMING MACHINES

SP36.03 AXIAL LOOSE COMPONENTS FORMING

SP36.01 SPECIAL COMPONENTS CUTTING AND FORMING

PRODUCTION: 700 P/H

SP36 line pneumatic machines are manually fed equipment for individual loose components cutting and forming. Machine's die assembly is designed to quickly reach the forms requested by the customer. It simplifies and speed up the time needed, reducing the number of steps to one single operation.

SP38

MANUAL MACHINE FOR THE LOOSE L.E.D. PREFORMING

SP38.01 LOOSE L.E.D. CUT AND LEFT BEND

SP38.02 LOOSE L.E.D. CUT AND RIGHT BEND

PRODUCTION: 700 P/H

SP38 is a pneumatic machine, controlled by a foot pedal . Components to be operated shall be manually fed and this tool cuts, bends and forms loose L.E.D. as requested by the customer

SP2006

AUTOMATIC PLECEMENT MACHINE FOR TRADITIONAL THROUGHOLE COMPONENTS

SP2006.01 AXIAL TAPED COMPONENTS CUTTING BENDING AND FORMING MACHINE

PRODUCTION: 1200 P/H

Thanks to the experience matured with the manufacturing of hundreds special feeders for axial and radial components (SP21, SP22, SP26, SP27) Olamef designed this bench placement machine for through hole components.It is an automatic machine designed for cutting, bending and eventually forming taped axial components that will subsequently be inserted into a circuit Board by the same machine's manipulator. The machine can be supplied in different versions: It can operate as a selfstanding station with manual load and unload of the P.C.Boards; it can be located in line. In this case the components are inserted into the P. C. Board which is directly positioned on a conveyor belt or on a load/unload system and this will make the operation fully automatic.It can be realized on customer's request and beside axial and radial parts it can be designed to place also TO-220 transistors, ICs, connectors and other components in tube.

TP6/R

CUTTING MACHINE FOR TAPED RADIAL COMPONENTS

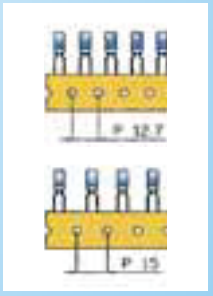
30.OL21 TAPE HOLE PITCH 12,7 MM
30.OL22 TAPE HOLE PITCH 15 MM

30.OL23 BODY LEFT SIDE 12,7 MM
30.OL24 BODY LEFT SIDE 15 MM

The machine Model TP6/R is designed for cutting radial components on tape. It can be supplied in two versions for two types of tape:i.e. with hole pitch = 12,7 or 15mm (.5 or .59").

LEAD Ø : 0,4 TO 1MM
PRODUCTION: 20000 P/H

	MM		IN	
	min	max	min	max
L	2	10	.078	.393
d	0,4	1	.015	.039
D	1	14	0.39	.55



TP6-R OPTIONAL ACCESSORIES

BR6 - 400200 TAPE REEL HOLDER

MOT98 - 7915030 - 220 V. - MOTOR DRIVE UNIT.
MOT98 - 7915031 - 110 V - MOTOR DRIVE UNIT

TNS - 21.0011 WASTE TAPE ROLLERS

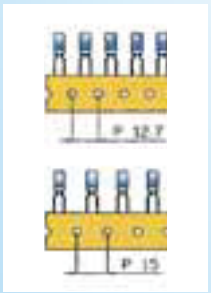
TP6/R-EC

MANUAL CUTTING MACHINE FOR TAPED RADIAL COMPONENTS

31.OL21 TAPE HOLE PITCH 12,7 MM
31.OL22 TAPE HOLE PITCH 15 MM

30.OL23 BODY LEFT SIDE12,7 MM
30.OL24 BODY LEFT SIDE15 MM

LEAD Ø : 0,4 TO 1MM
PRODUCTION: 20000 P/H



The machine Model TP6/R-EC is designed for cutting radial components on tape. The quality and reliability of this machine allows the customer to operate years without any risk of mechanical parts wear
The TP6/R-EC machine is only supplied in manual version for taped components

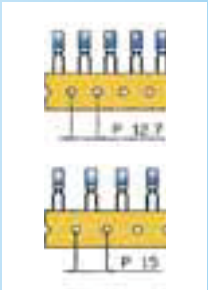
	MM		IN	
	min	max	min	max
L	2	10	.078	.393
d	0,4	1	.015	.039
D	1	14	0.39	.55

TP/R-PR-AS

Pneumatic automatic cutting forming machine for taped radial components

90.OL11 110 V
90.OL12 220 V

The model TP/R-PR is a pneumatic machine with foot pedal control designed for cutting and forming taped radial components. The die assembly "SMS" is equipped with a wire holder to keep the leads firm in position during the machine operation avoiding any stress or damage to the part. Changing the "SMS" is very quick and easy.
This machine is manufactured in two versions to operate tape hole pitch 12,7 mm (90.OL12) or 15 mm (90.OL14)
If power feed is 110 V codes are:
90.OL11 for tape hole pitch12,7 mm and
90.OL13 for tape hole pitch 15 mm



LEAD Ø: 0,4-1 MM
PRODUCTION: 6000 P/H

SMS

DIE ASSEMBLIES FOR TP/R-PR-AS

THEY SHALL ALWAYS BE ORDERED WITH THE TP/R-PR-AS MACHINE
(THEY ARE NOT INCLUDED IN THE MACHINE'S PRICE)

SMS/1
93.0001
DOUBLE KINK/
STAND
OFF – LOCK IN

	MM			IN		
	min	max	fix	min	max	fix
a	6	13		.236	.511	
b	3	10		.118	.393	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	10		.039	.393	

SMS/2
93.0002
STAND OFF

	MM			IN		
	min	max	fix	min	max	fix
a	6	13		.236	.511	
b	3	10		.118	.393	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	10		.039	.393	

SMS/3
93.0003
BODY LOCKED ON P. C.
BOARD

	MM			IN		
	min	max	fix	min	max	fix
a			3			.118
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	10		.039	.393	

SMS/4
93.0004
STRAIGHT CUT

	MM			IN		
	min	max	fix	min	max	fix
a	3	10		.118	.393	
d	0,4	0,8		.015	.031	
D	1	10		.039	.393	

SMS/5
93.0005
POLARITY

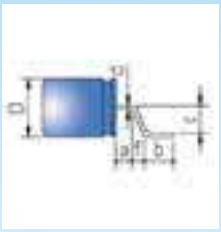
	MM			IN		
	min	max	fix	min	max	fix
a	6	13		.236	.511	
b	3	10		.118	.393	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	10		.039	.393	
E*			2,2			.086

*: QUOTA TO BE COMUNICATED AT ORDER

SMS/6
93.0006
90° BENDING

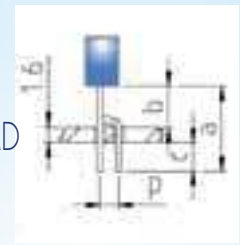
	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236
d*	0,4	0,6		.015	.023	
D*	1	6		.039	.236	

SMS/7
93.0007
SMD
PLACEMENT

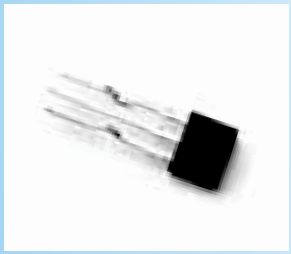


	MM			IN		
	min	max	fix	min	max	fix
a	2,5	8		.098	.314	
b*			2			.078
c*			2,5			.098
d*	0,4	0,8		.015	.031	
D*	1	10		.039	.393	
f*			1			.039

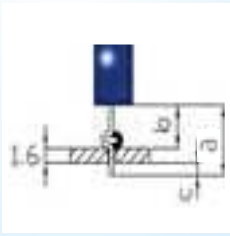
SMS/8
93.0008
CENTRE LEAD SPREAD
1,27mm AND CUT
FOR TO-92



	MM			IN		
	min	max	fix	min	max	fix
a	6	9		.236	.354	
b	3	6		.118	.236	
c			1,4			.055
p*			1,27			.05

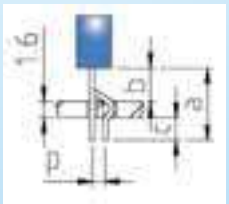


SMS/9
93.0009
STAND OF
ON TWO
OUTER LEADS



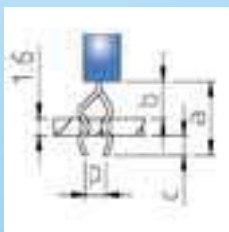
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055

SMS/10
93.0010
CENTRE LEAD SPREAD
1,27mm LOCK IN AND
CUT TO-92



	MM			IN		
	min	max	fix	min	max	fix
a	6	9		.236	.354	
b	3	6		.118	.236	
c			1,4			.055
p*			1,27			.05

SMS/11
93.0011
CENTRE LEAD SPREAD
1,27mm AND 3
LEADS LOCK TO-92



	MM			IN		
	min	max	fix	min	max	fix
a	6	9		.236	.354	
b	3	6		.118	.236	
c			1,4			.055
p*			1,27			.05

*: QUOTA.TO BE COMUNICATED AT ORDER

TP/TC4 CUTTING MACHINE FOR LOOSE RADIAL COMPONENTS

74.0L21 110 V
74.0L22 220 V

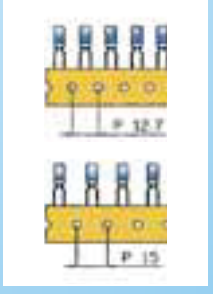
The TP/TC4 machine is designed to cut loose radial components. The speed and cutting lenght are adjustable. The machine stops when the front cover is removed from the machine.

PRODUCTION: 2000 P/H

	MM		IN	
	min	max	min	max
L	3	12	.118	.472
d	0,4	0,8	.015	.031
D	1	15	0.39	.590

BR3 OPTIONAL ACCESSORY

This accessory can be attached to the TP/TC4 machine to allow the quick cut of radial components in tape and reel. It is available in two versions: 78.0001 for tape with 12,7mm hole pitch or 78.0002 for tape with 15 mm with hole pitch.



TP/LN-500 PNEUMATIC CUTTING MACHINE FOR LOOSE RADIAL COMPONENTS

TP/LN - 500/1 - 34.0001
TP/LN - 500/2 - 34.0002

The pneumatic machine TP/LN-500/1 and /2 cuts the leads of any kind of radial components regardless of the diameter, material, pitch and form because it uses a cobalt "guillotine" blade. The upper plate which determines the cutting height (standard 3,2 mm 125") has always to be ordered separately by the machine
because most of the times they have to be designed in special way to be adapted to the component requested height, forms and pitches. Additional plates to increase height can be supplied upon request.

TP/LN-500/1 34.0001
Cutting area 53x43 mm.
Standard Stationary plate 340111 to be separately ordered (340111).
Codes for special plates are assigned at order's receipt

TP/LN-500/2 34.0002
Cutting area 53x93 mm.
Standard Stationary plate 340211 to be separately ordered (340211).
Codes for special plates are assigned at order's receipt.

	MM			IN		
	min	max	fix	min	max	fix
L			3,2			,125
d	0,3	1,3		,011	,051	

PRODUCTION: 3000 P/H

TP/LN-100

Pneumatic cutting machine for loose radial components

TP/LN-100 - 36.0001

The pneumatic machine TP/LN-100 is used for cutting the leads of loose radial components. It is designed to adapt to a very wide range of radial parts. The upper stationary plate determines the cutting height; the standard is = 3,2 mm. Additional plates to increase this height can be supplied upon request, starting from 0,5 mm. The pneumatic foot pedal controls the stroke of the lower plate, which performs a quick cut of the leads, without any stress to the components. The plates have a standard grid pattern, to accommodate most types of components. Plates with special grid pattern can be provided upon request. Lateral cuts at most common pitches allow to easily handle warped leads

PRODUCTION: 3000 P/H
CUTTING AREA 45X 54 MM

	MM			IN		
	min	max	fix	min	max	fix
L			3.2			.125
d	0,3	1		.011	.039	

TP/TS1

PNEUMATIC CUTTING FORMING MACHINE FOR LOOSE

18.0000 WITHOUT ANY DIE

LEAD Ø: 0,3 – 1,0 MM
PRODUCTION: 2000 P/H

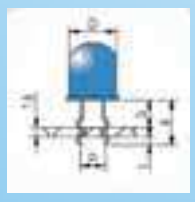
The pneumatic machine TP/TS1 is very flexible equipment designed for cutting and forming loose radial components having up to 1,2 mm of lead's diameter. A large number of dies are designed and manufactured to realise the mainly requested standard forms and special ones. It is possible to equip the machines, on request, with two wire holders in order to lock the leads between the body and the area of operation. This option should be requested at order..

STANDARD DIES FOR TP/TS1

180600 STAND OFF LOCK IN – DOUBLE KINK – P:= 2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

180700 STAND OFF-LOCK IN LED/DOUBLE KINK – L.E.D. P.2,54 MM (.1")



	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	

180800 STAND OFF-KINK OUTWARD - P:= 2,54 - 5,08 - 7,62 - 10,16 MM - (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	6	16		.236	.629	
b	3	13		.118	.511	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

180900 BODY LOCKED ON P.C.BOARD - P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a			3			.118
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

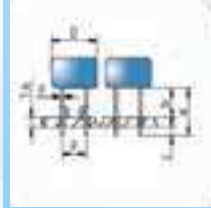
181000 STRAIGHT CUT - P:=2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	3	13		.118	.511	
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

181050 LATERAL STRAIGHT CUT TO 220

	MM			IN		
	min	max	fix	min	max	fix
a	3	13		.118	.511	

181100 DIODE BRIDGE 4 LEADS - P.5,08 MM (.2")



	MM			IN		
	min	max	fix	min	max	fix
a	6	14		.236	.551	
b	4	12		.157	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

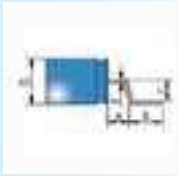
181200 POLARITY - P.2,54 MM (.1")

	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	
E			2,4			.094

181300 90° BENDING

	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236
d*	0,4	0,6		.015	.023	
D*	1	15		.039	.590	

181400 SURFACE MOUNTING



	MM			IN		
	min	max	fix	min	max	fix
a	2,5	8		.098	.314	
b*			2			.078
c*			2,5			.098
d*	0,4	0,8		.015	.031	
D*	1	15		.039	.590	

181500 STAND OFF/KINK INWARD

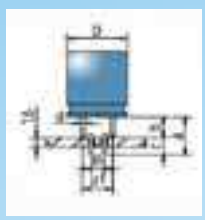
P: 2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	6	16		.236	.629	
b	3	13		.118	.511	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

181700 TO SPREAD OUT AND CUT

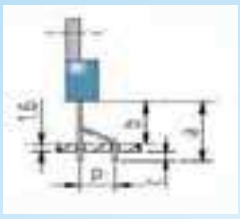
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			2,54			.1
p*			5,08			.2

181800 REDUCE PITCH AND CUT



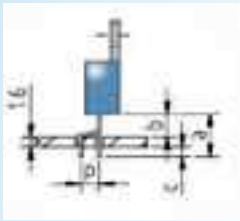
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			5,08			.2
p*			2,54			.1

182100 TO 220 CENTRAL LEAD SPREAD AND CUT



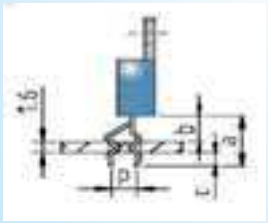
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

182200 TO 220 CENTER LEAD SPREAD AND LOCK



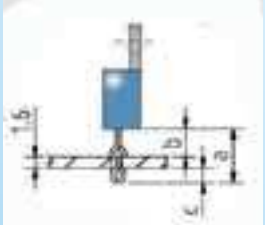
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

182300 TO 220 CENTER LEAD SPREAD/3 LEAD LOCK



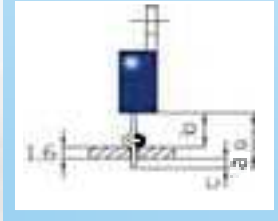
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

182400 TO 220 DOUBLE KINK ON THREE LEAD - IN LINE



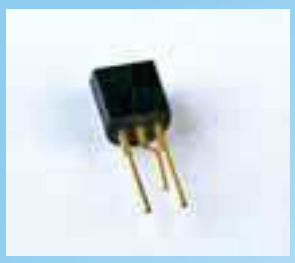
	MM			IN		
	min	max	fix	min	max	fix
a	6	11		.236	.433	
b	3	8		.118	.314	
c			1,4			.055

182450 STAND OFF ON TWO OUTER LEADS



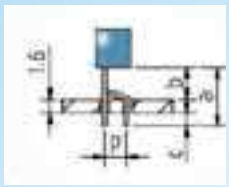
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055

182500 TO 92 CENTER LEAD SPREAD



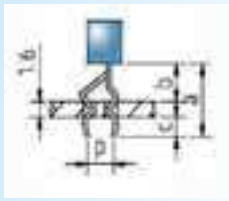
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

182600 TO 92 CENTER LEAD SPREAD AND LOCK



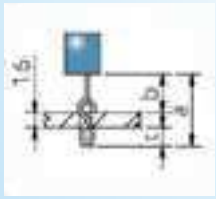
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

182700 TO-92 CENTER LEAD SPREAD/THREE LEAD LOCK



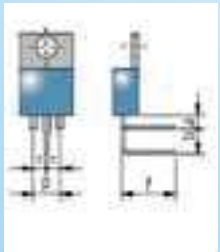
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

182800 TO-92 STAND OFF-LOCK IN/THREE LEAD IN LINE



	MM			IN		
	min	max	fix	min	max	fix
a	6	11		.236	.433	
b	3	8		.118	.314	
c			1,4			.055

183100 TO 220 90° BENDING CENTER LEAD OFF SET



	MM			IN		
	min	max	fix	min	max	fix
a	3	5		.118	.196	
b*			5			.196
f*			6			.216
p			5,08			.2

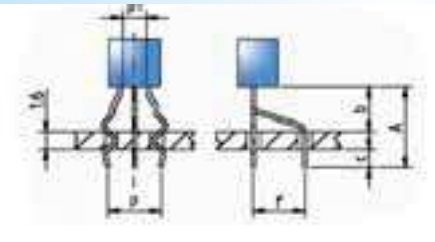
TP/SC4

CUTTING FORMING MACHINE FOR LOOSE RADIAL COMPONENTS

16.0000 STANDARD 2 CYLINDERS WITHOUT FORMING DIE

16.0100 3 CYLINDERS WITHOUT FORMING DIE

163000 CENTER LEAD SPREAD - DOUBLE KINK ON OUTER LEADS



	MM			IN		
	min	max	fix	min	max	fix
A*			6,1			,24
b*			3			,122
c*			1,5			,059
f*			2,54			,1
p*			5,08			,2
p1*			2,54			,1

*: QUOTA.TO BE COMUNICATED AT ORDER

The pneumatic machine TP/SC4, very flexible equipment , is designed for cutting and forming loose radial components. A large number of dies are designed and manufactured to realise the mainly requested standard forms and special ones. Die 163000 is the only die that needs the activation of a third cylinder that can only be with TP/SC4. It is possible to equip this machine, on request, with two wire holders in order to lock the leads between the body and the operation area.THIS OPTION SHOULD BE REQUESTED AT ORDER.

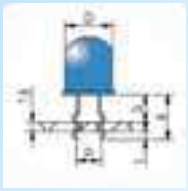
DIAMETER OF THE LEAD 0,3 TO 0,8MM
PRODUCTION: 2000 P/H

STANDARD DIES FOR TP/TS1

160600 STAND OFF LOCK IN – DOUBLE KINK – P:= 2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

160700 STAND OFF-LOCK IN LED/DOUBLE KINK – L.E.D. P.2,54 MM (.1")



	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	

160800 STAND OFF - KINK OUTWARD - 2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	6	16		.236	.629	
b	3	13		.118	.511	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

160900 BODY LOCKED ON P.C.BOARD - P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a			3			.118
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

161000 STRAIGHT CUT - P:=2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	3	13		.118	.511	
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

161100 DIODE BRIDGE 4 LEADS - P.5,08 MM (.2")

	MM			IN		
	min	max	fix	min	max	fix
a	6	14		.236	.551	
b	4	12		.157	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

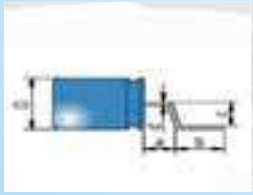
161200 POLARITY - P.2,54 MM (.1")

	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	
E			2,4			.094

161300 90° BENDING

	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236
d*	0,4	0,6		.015	.023	
D*	1	15		.039	.590	

161400 SURFACE MOUNTING



	MM			IN		
	min	max	fix	min	max	fix
a	2,5	8		.098	.314	
b*			2			.078
c*			2,5			.098
d*	0,4	0,8		.015	.031	
D*	1	15		.039	.590	

161500 STAND OFF/KINK INWARD

P: 2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")

	MM			IN		
	min	max	fix	min	max	fix
a	6	16		.236	.629	
b	3	13		.118	.511	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

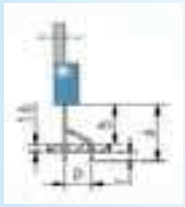
161700 TO SPREAD OUT AND CUT

	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			2,54			.1
p*			5,08			.2

161800 REDUCE PITCH AND CUT

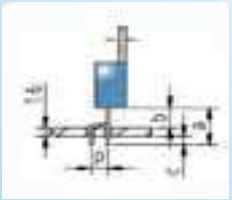
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			5,08			.2
p*			2,54			.1

162100 TO 220 CENTRAL LEAD SPREAD AND CUT



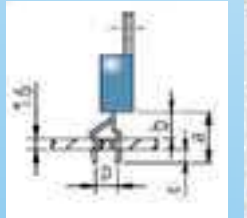
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

162200 TO 220 CENTER LEAD SPREAD AND LOCK



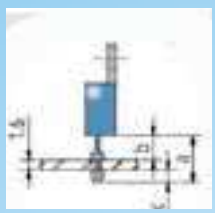
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

162300 TO 220 CENTER LEAD SPREAD/3 LEAD LOCK



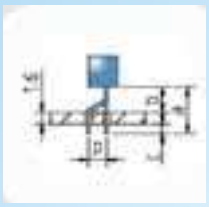
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

162400 TO 220 DOUBLE KINK ON THREE LEAD - IN LINE



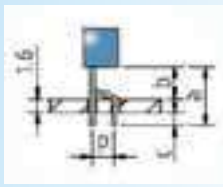
	MM			IN		
	min	max	fix	min	max	fix
a	6	11		.236	.433	
b	3	8		.118	.314	
c			1,4			.055

162500 TO 92 CENTER LEAD SPREAD



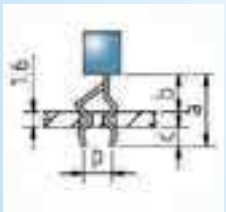
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

162600 TO 92 CENTER LEAD SPREAD AND LOCK



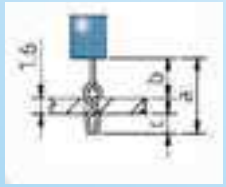
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

162700 TO-92 CENTER LEAD SPREAD/THREE LEAD LOCK



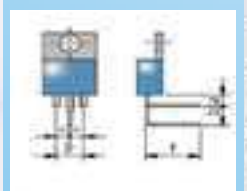
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

162800 TO-92 STAND OFF-LOCK IN/THREE LEAD IN LINE



	MM			IN		
	min	max	fix	min	max	fix
a	6	11		.236	.433	
b	3	8		.118	.314	
c			1,4			.055

163100 TO 220 90° BENDING CENTER LEAD OFF SET



	MM			IN		
	min	max	fix	min	max	fix
a	3	5		.118	.196	
b*			5			.196
f*			6			.216
p			5,08			.2

TP/TO-CF

CUTTING FORMING MACHINE FOR TRANSISTORS IN TUBE

13.OL01: 110 V
13.OL02: 220 V

TP/TO-CF is an automatic machine designed to cut and form transistors in tube (TO-220,TO-218, TO-126). All strokes are controlled by a PLC. The complete operation is fully automatic and each form needs a dedicated die. Two wire holders lock the leads before the cutting forming operations. Special forms to customers specifications are available upon request.

STANDARD DIE ASSEMBLIES

PRODUCTION: 3000 P/H

131000 STRAIGHT CUT

	MM			IN		
	min	max	fix	min	max	fix
a	3	13		.118	.511	

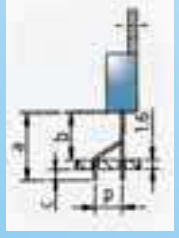
131300 90° BENDING

	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236

131400 SURFACE MOUNTING

	MM			IN		
	min	max	fix	min	max	fix
a	2,5	8		.098	.314	
b*			2			.078
c*			2,5			.098

132100 CENTRAL LEAD SPREAD AND CUT

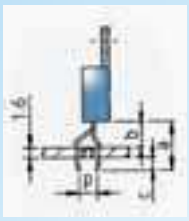


	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

132200 CENTER LEAD SPREAD AND LOCK

	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

132300 CENTER LEAD SPREAD/3 LEAD LOCK



	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

132400 DOUBLE KINK ON THREE LEAD – IN LINE

	MM			IN		
	min	max	fix	min	max	fix
a	6	11		.236	.433	
b	3	8		.118	.314	
c			1,4			.055

133100 90° BENDING CENTER LEAD OFF SET

	MM			IN		
	min	max	fix	min	max	fix
a	3	5		.118	.196	
b*			5			.196
f*			6			.216
p			5,08			.2

133200 TO 220 STAND OFF ON TWO OUTER LEADS

	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055

*: QUOTA.TO BE COMUNICATED AT ORDER

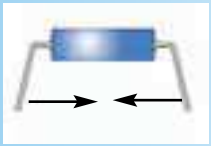
TP/IC-F FORMING MACHINE FOR IC'S COMPONENTS IN TUBE

77.OL01

MANUAL DIP LEAD FORMING MACHINE

MOT- ICF -MOTOR DRIVE UNIT
64.OL01 - 110 V
64.OL02 - 220 V

The model TP/IC-F is designed for straightening the leads of IC components to facilitate their insertion onto the P. C. Board. The machine is supplied with the necessary tube holders to accommodate standard components having .3 and .6" Pitch. (7,62mm and 15,24mm)



PRODUCTION: 1 TUBE/6SECONDS

STANDARD PITCHES:
7,62 MM – 15,24 MM (.3"- .6")

FOLLOWING PITCHES ARE AVAILABLE UPON REQUEST :
10,16 MM – 19,05 MM – 22,86 MM (.4"-.75"-.9")

TP6

CUTTING AND BENDING MACHINE FOR AXIAL COMPONENTS

20.OL01 STANDARD LEAD Ø: 0,4 -1,2

20.OL04 REINFORCED LEAD Ø: 0,6 – 1,4

20.OL06 REDUCED LEAD Ø: 0,4 – 0,8

20.OL07/9/10 REDUCED AND FIX PITCH LEAD Ø: 0,4 – 0,6

20.OL0130 STRAIGHT CUT

The model TP6 is designed for cutting and bending taped axial components with lead diameter from 0,4 to 1,4mm (.015 to .055"). The high quality and reliability of this machine ensure the best operation for a very long time. No maintenance is required.

PRODUCTION/HOUR
TAPED: 50000
LOOSE: 5000

TP6/D

CUTTING AND BENDING MACHINE FOR AXIAL COMPONENTS WITH DELRIN TOOTHED DISCS NOT TO MARK LEADS

20.OL11 STANDARD

20.OL12 REINFORCED

Minimum cutting lenght "B" =4,6mm and maximum lead "d" =0,8mm

TP6/97

CUTTING AND BENDING MACHINE FOR AXIAL COMPONENTS WITH QUICK SET UP

20.OL01/97 STANDARD

20.OL04/97 REINFORCED

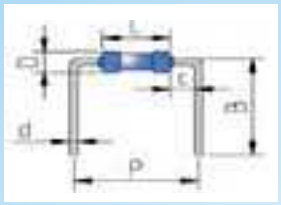
20.OL06/97 REDUCED

This system automatically adjusts the bending wheels, reducing the set-up time and making it easier.
This system is available with the some versions of the TP6 machine.
Warning= the maximum pitch possible with the /97 system is 40 mm and the maximum "B" is 10 mm

STANDARD VERSIONS OF TP6, TP6/D AND TP6/97 MACHINES

20.OL01 - 20.OL11 - 20.OL01/97

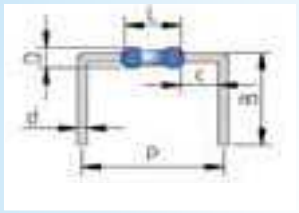
TP6/1 STANDARD VERSION



	MM		IN	
	min	max	min	max
P	6,5	60	255	2.362
B	4	13	157	.511
c	1,2		047	
L		50		1.968
d	0,4	1,2	015	.047
D	0,4	16	015	.629

20.OL04 - 20.OL12 - 20.0L04/97

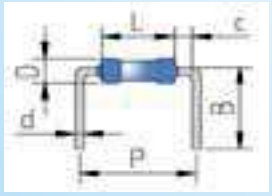
TP6/4 EXTRA REINFORCED BENDIN



	MM		IN	
	min	max	min	max
P	10,16	60	.4	2.362
B	5	13	.196	.511
c	2,4		.094	
L		50		1.968
d	0,6	1,4	.023	.055
D	0,6	16	.023	.629

20.OL06 - 20.0L06/97

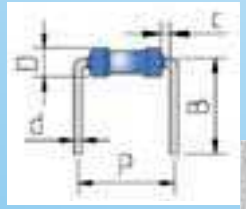
TP6/6 REDUCED BENDING – ADJUSTABLE PITCH



	MM		IN	
	min	max	min	max
P	5,08	60	.2	2.362
B	4	13	157	.511
c	0,8		031	
L		50		1.968
d	0,4	0,8	015	.031
D	0,4	10	015	.039

20.OL07 - 20.OL09 - 20.OL10

TP6/7 – TP6/9 – TP6/10 REDUCED BENDING FIX PITCH



	MM		IN	
	min	max	min	max
B	4	10	157	393
c	0,5		019	
d	0,4	0,6	015	023
D	0,4	4	015	157

code 20.OL07	P	5,08	.2
code 20.OL09	P	7,62	.3
code 20.OL10	P	10,16	.4

TP6 OPTIONAL ACCESSORIES

BR6 - 400200 REEL HOLDER

MOT98 - 7915030 - 220 V. -MOTOR DRIVE UNIT
MOT98 - 7915031 - 110 V - MOTOR DRIVE UNIT.

TNS - 21.0011 WASTE TAPE EJECTOR

CS10 - 51.0100 FEEDER FOR LOOSE COMPONENTS

200240 BODY GUIDE

MAX LEGHT COMPONENT BODY = 45 MM

TP6-EC

CUTTING AND BENDING MACHINE FOR AXIAL COMPONENTS

23.OL01 STANDARD LEAD: 0,4 -1,3

23.OL04 REINFORCED LEAD: 0,6 -1,4

23.OL06 REDUCED LEAD: 0,4 -0,8

23.OL07/09/10 REDUCED AND FIX PITCH LEAD Ø: 0,4 – 0,6

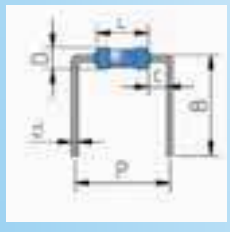
23.OL0130 STRAIGHT CUT

The model TP6-EC is a manual machine, designed for cutting and bending taped axial components with lead diameter from 0,4 to 1,2 mm (.015 to .047"). Operation quota are set up in a quick and precise manner. The high quality and reliability of this machine ensure the best operation for a very long time. No maintenance is required.This machine is only supplied manual version and for taped components.

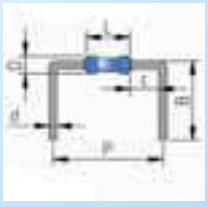
PRODUCTION: 50000/HOUR

TP6/1-EC

STANDARD - 23.OL01



	MM		IN	
	min	max	min	max
P	6,5	60	.255	2.362
B	4	13	.157	.511
c	1,2		.047	
L		50		1.968
d	0,4	1,2	.015	.047
D	0,4	16	.015	.629



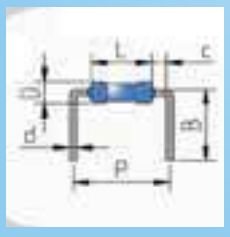
TP6/4-EC

REINFORCED - 23.OL04

	MM		IN	
	min	max	min	max
P	10,16	60	.4	2.362
B	5	13	.196	.511
c	2,4		.094	
L		50		1.968
d	0,6	1,4	.023	.055
D	0,6	16	.023	.629

TP6/6-EC

REDUCED - 23.OL06



	MM		IN	
	min	max	min	max
P	5,08	60	.2	2.362
B	4	13	.157	.511
c	0,8		.031	
L		50		1.968
d	0,4	0,8	.015	.031
D	0,4	10	.015	.039

TP6/7-EC

REDUCED FIX PITCH - 23.OL07

	MM		IN	
	min	max	min	max
B	4	10	.157	.393
c	0,5		.019	
d	0,4	0,6	.015	.023
D	0,4	4	.015	.157

code 23.0L07	P	5,08 .2
code 23.0L09	P	7,62 .3
code 23.0L10	P	10,16 .4

TP6/PR-B

CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS

STANDARD LEAD Ø: 1 – 1,3

40.OL21 Z 3,1
40.OL31 Z 3,9
40.OL24 Z 5

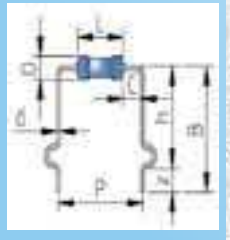
REINFORCED LEAD Ø: 1 – 1,4

40.OL22 Z 3,1
40.OL32 Z 3,9
40.OL25 Z 5

PRODUCTION PER HOUR:
TAPED 25000
LOOSE 5000

The model TP6/PR-B is designed for cutting-forming and bending taped axial components. The "stand-off" form keeps the body off the P. C. Board. The machine handles components with lead diameter from 1 to 1,4 mm (.039 to .055"). It can be motorized. With TP6/PR-B it is possible to exclude the kink substituting the cutting/forming wheels with only cutting wheels.

40.OL21- 40.OL31 - 40.OL24
STANDARD VERSIONS



	MM		IN	
	min	max	min	max
P	6,5	60	.255	2.362
B	10	14	.393	.551
C	1,2		.047	
L		50		1.968
d	1	1,3	.039	.051
D	1	16	.039	.629
h	7	11	.275	.433

code 40.OL21 Z	3.1 fix	.122 fix
code 40.OL31 Z	3.9 fix	.153 fix
code 40.OL24 Z	5 fix	.196 fix

40.OL22 - 40.OL32 - 40.OL25
REINFORCED VERSIONS

	MM		IN	
	min	max	min	max
P	10,16	60	.4	2.362
B	10	14	.393	.551
C	2,4		.094	
L		50		1.968
d	1	1,4	.039	.055
D	1	16	.039	.629
h	7	11	.275	.433

code 40.OL22 Z	3.1 fix	.122 fix
code 40.OL32 Z	3.9 fix	.153 fix
code 40.OL25 Z	5 fix	.196 fix

TP6/PR-B/97 CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS

STANDARD LEAD Ø: 1 -1,3

40.OL21/97 Z 3,1
40.OL31/97 Z 3,9
40.OL24/97 Z 5

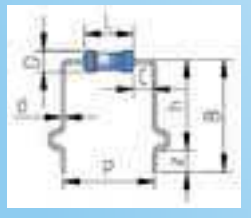
REINFORCED LEAD Ø: 1: 1 -1,4

40.OL22/97 Z 3,1
40.OL32/97 Z 3,9
40.OL25/97 Z 5

PRODUCTION PER HOUR:
TAPED 25000
LOOSE 5000

The model TP6/PR-B/97 is designed for cutting-forming and bending taped axial components. The "stand-off" form keeps the body off the P. C. Board. The machine handles components with lead diameter from 1 to 1,4 mm (.039 to .055"). It can be motorized. With TP6/PR-B/97 it is possible to exclude the kink substituting the cutting/forming wheels with only cutting wheels. Easy to set up and use. This system automatically adjusts the bending wheels, reducing the set-up time and making it easier.
This system is available with all versions of TP6/PR-B machine.
Warning= the maximum pitch possible with the /97 system is 40mm. and the maximum "B" is 10mm.

40.OL21/97 - 40.OL31/97 - 40.OL24/97 - STANDARD VERSIONS



	MM		IN	
	min	max	min	max
P	6,5	60	.255	2.362
B	10	14	.393	.551
C	1,2		.047	
L		50		1.968
d	1	1,3	.039	.051
D	1	16	.039	.629
h	7	11	.275	.433

code 40.OL21 Z	3.1 fix	.122 fix
code 40.OL31 Z	3.9 fix	.153 fix
code 40.OL24 Z	5 fix	.196 fix

40.OL22/97 - 40.OL32/97 - 40.OL25/97 - REINFORCED VERSIONS

	MM		IN	
	min	max	min	max
P	10,16	60	.4	2.362
B	10	14	.393	.551
C	2,4		.094	
L		50		1.968
d	1	1,4	.039	.055
D	1	16	.039	.629
h	7	11	.275	.433

code 40.OL22 Z	3.1 fix	.122 fix
code 40.OL32 Z	3.9 fix	.153 fix
code 40.OL25 Z	5 fix	.196 fix

TP6/PR-B OPTIONAL ACCESSORIES

BR6 - 400200 REEL HOLDER

MOT98 - 7915030 - 220 V. - MOTOR DRIVE UNIT.
MOT98 - 7915031 - 110 V - MOTOR DRIVE UNIT

TNS - 21.0011 WASTE TAPE EJECTOR

CS10 - 51.0100 FEEDER FOR LOOSE COMPONENTS

200240 BODY GUIDE

MAX LEGHT COMPONENT BODY = 45 MM

TP6/PR-F/1 CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS

43.0L01 STANDARD

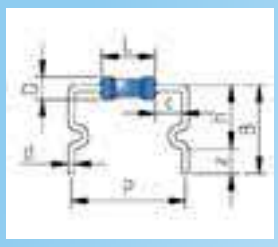
The model TP6/PR-F is designed for cutting and forming axial taped components. Version 43.0L01 is suitable for lead Ø 0,5 to 0,9 mm (.19 to .035"). Die assemblies designed for each one of the version, need to be ordered separately depending on the form required. It is possible to order special forms, supplying Olamef with drawings and specifications. This high quality machine is designed and manufactured to last long time. Preforming operations are realized in order not to mark, scratch or deform leads. Machine's adjustment takes advantage of '97 system. It can be motorised. Waste tape ejector TNS is always already included with the machine's price.

PRODUCTION/HOUR
TAPED: 7000
LOOSE: 5000

TNS - 21.0013 WASTE TAPE EJECTOR IS ALWAYS ALREADY INCLUDED WITH THE MACHINE

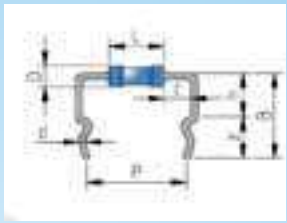
TP6/PR-F/1 STANDARD DIE ASSEMBLIES

420800 - STAND OFF 2,5MM



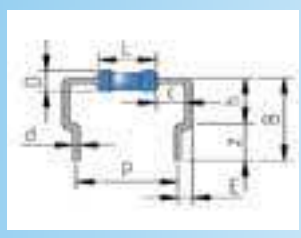
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1,2		.047	
h	6	9	.236	.354
B	8	11	.314	.433
d	0,5	0.9	.019	.035
D	0,5	8	.019	.314
z	2	4	.078	.157

420850 - LOCK IN



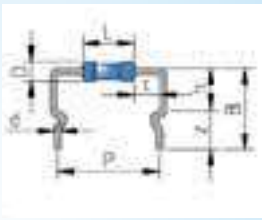
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.023
c	1,2		.047	
h	4,5	8	.177	.314
B	7,5	11	.295	.433
d	0,5	0,8	.019	.031
D	0,5	8	.019	.314
z	3	4	.118	.157

420900 - REDUCED PITCH



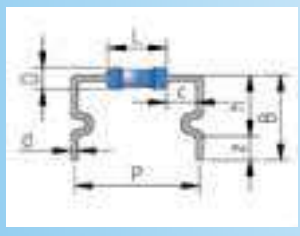
	MM		IN	
	min	max	min	max
P	7,62	58,42	.3	2.3
L		50		1.968
c	1,2		.047	
h	5	9	.196	.354
B	7	11	.275	.433
d	0,5	0,9	.019	.035
D	0,5	8	.019	.314
z	2	4	.078	.157
E	1,27		.05	

420950 - LOCK IN BIG HOLES



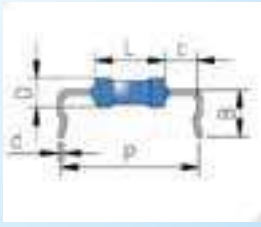
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1,2		.047	
h	4,5	8	.177	.314
B	7,5	11	.295	.433
d	0,6	0,9	.023	.035
D	0,6	8	.023	.314
z	3	4,5	.118	.177

420750 - STAND OFF 3MM



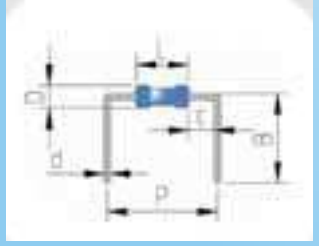
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1,2		.047	
h	6,5	9,5	.255	.374
B	8,5	11,5	.334	.452
d	0,5	0.9	.019	.035
D	0,5	8	.019	.314
z	2	4	.078	.157

421000 - BODY LOCKED



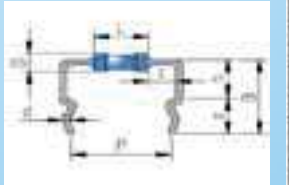
	MM		IN	
	min	max	min	max
P	10,16	60,96	.4	2.4
L		50		1.968
c	1,2		.047	
B	5	8	.196	.314
d	0,5	0,6	.019	.023
D	2	8	.078	.314

420650 - "U" BEND



	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	1.2
L		50		1.968
c	1,2		.047	
B	6	12	.236	.472
d	0,5	0,9	.019	.035
D	0,5	8	.019	.314

42100004 - LOW BODY LOCKED



	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.023
c	1,2		.047	
h		8		.314
B		11		.433
d	0,5	0,8	.019	.031
D	0,5	8	.019	.314
z	3	4	.118	.157

TP6/PR-F/2 CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS

43.0L02 REINFORCED

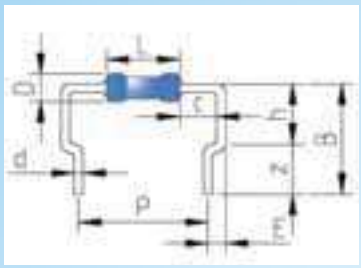
The model TP6/PR-F/2 is designed for cutting and forming axial taped components. Version 43.OL02 is suitable for lead Ø 0,8 to 1 mm (.031 to .039"). Die assemblies designed for each one of the version, need to be ordered separately depending on the form required. It is possible to order special forms,supplying Olamef with drawings and specifications. This high quality machine is designed and manufactured to last long time. Preforming operations are realized in order not to mark, scratch or deform leads. Machine's adjustment takes advantage of '97 system. It can be motorised. Waste tape ejector TNS is always already included with the machine's price.

PRODUCTION/HOUR
TAPED: 7000
LOOSE: 5000

TNS - 21.0013 WASTE TAPE EJECTOR IS ALWAYS ALREADY INCLUDED WITH THE MACHINE

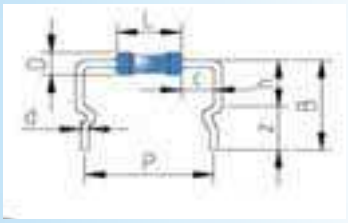
TP6/PR-F/2 STANDARD DIE ASSEMBLIES

420900 - REDUCED PITCH



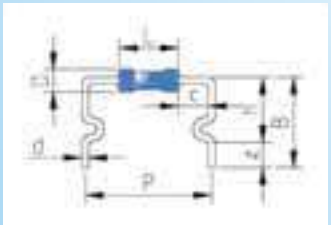
	MM		IN	
	min	max	min	max
P	7,62	58,42	.3	2.3
L		50		1.968
c	1,5		.059	
h	6	12	.236	.472
B	8	14	.314	.551
d	0,8	1	.031	.039
D	0,8	8	.031	.314
z	2	4	.078	.157
E	1,27		.05	

420950 – LOCK IN BIG HOLES



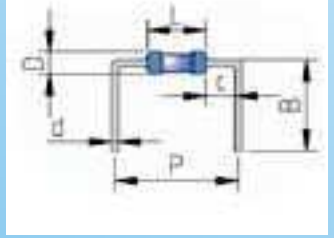
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1,5		.059	
h	5,5	11	.216	.433
B	8,5	14	.334	.551
d	0,8	1	.031	.039
D	0,8	8	.031	.314
z	3	4,5	.118	.177

420750 - STAND OFF 3MM



	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1,5		.059	
h	7	12	.275	.472
B	9	14	.354	.551
d	0,8	1	.031	.039
D	0,8	8	.031	.314
z	2	4	.078	.157

420650 - "U" BENDING



	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	1.2
L		50		1.968
c	1,2		.047	
B	6	12	.236	.472
d	0,5	0,9	.019	.035
D	0,5	8	.019	.314

TP6/PR-F/3

CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS

43.0L03 EXTRA REINFORCED

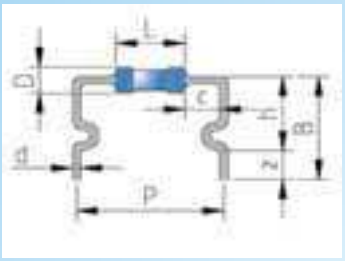
The model TP6/PR-F/3 is designed for cutting and forming axial taped components. Version 43.0L03 is suitable for lead Ø 1 to 1,3mm(.039 to .051"). Die assemblies designed for each one of the version, need to be ordered separately depending on the form required. It is possible to order special forms, supplying Olamef with drawings and specifications. This high quality machine is designed and manufactured to last long time. Preforming operations are realized in order not to mark, scratch or deform leads. It can be motorised. Waste tape ejector TNS is always already included with the machine's price..

PRODUCTION/HOUR
TAPED: 7000
LOOSE: 5000

TNS - 21.0013 WASTE TAPE EJECTOR IS ALWAYS ALREADY INCLUDED WITH THE MACHINE

TP6/PR-F/3 STANDARD DIE ASSEMBLIES

430700 - STAND OFF 3MM

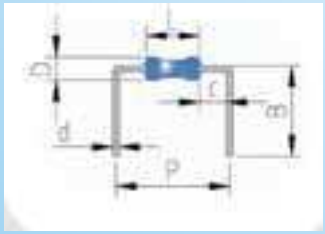


	MM		IN	
	min	max	min	max
P	12.7	60.96	.5	2.4
L		50		1.968
c	2,5		.098	
h	11	16	.433	.629
B	13	18	.511	.708
d	1	1,3	.039	.051
D	1	8	.039	.314
z	2	4	.078	.157

430900 - REDUCED PITCH

	MM		IN	
	min	max	min	max
P	10,16	58,42	.4	2.3
L		50		1.968
c	2,5		.098	
h	9	16	.354	.629
B	11	18	.433	.708
d	1	1,3	.039	.051
D	1	8	.039	.314
z	2	4	.078	.157
E	1,27		.05	

420650 - "U" BENDING



	MM		IN	
	min	max	min	max
P	12.7	60.96	.5	2.4
L		50		1.968
c	2,5		.098	
B	13	18	.511	.708
d	1	1,3	.039	.051
D	1	8	.039	.314

TP6/PR-F OPTIONAL ACCESSORIES

BR6 - 400200 REEL HOLDER

MOT98/A - 7915032 - 220 V. - MOTOR DRIVE UNIT

MOT98/A - 7915033 - 110 V - MOTOR DRIVE UNIT

CS40 - 51.0400 FEEDER FOR LOOSE COMPONENTS

430240 BODY GUIDE

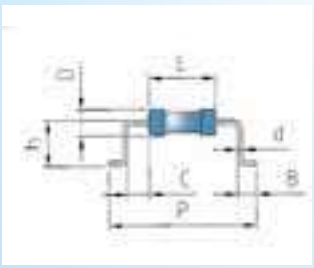
TP6/S

CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS FOR SURFACE MOUNTING

25.0L01 STANDARD

The TP6/S machine is designed for cutting and bending axial components for surface mount. The standard version offers the most common dimensions. Special versions to customer's specifications are available upon request. It is however necessary to know all dimensions of the component, before and after the bending operation.

PRODUCTION/HOUR
TAPED: 50000
LOOSE: 5000



	MM		IN	
	min	max	min	max
P	12	47	.472	1.850
C	1,5	10	.059	.393
L		40		1.574
D	0,4	16	.015	.629
d*	0,6 fix		.023 fix	
B*	2 fix		.078 fix	
h*	2,5 fix		.098 fix	

TP6/S OPTIONAL ACCESSORIES

BR6 - 400200 REEL HOLDER

MOT98 - 7915030 - 220 V. - MOTOR DRIVE UNIT
MOT98 - 7915031 - 110 V - MOTOR DRIVE UNIT.

TNS - 21.0011 WASTE TAPE EJECTOR

CS10 - 51.0100 FEEDER FOR LOOSE COMPONENTS

200240 BODY GUIDE

MAX LEGHT COMPONENT BODY = 45 MM

TP6/V/1

CUTTING BENDING MACHINE FOR AXIAL COMPONENTS VERTICAL MOUNTING

80.0L01 STANDARD

The TP6/V machine is designed for cutting and bending taped axial components for vertical mounting. It operates components with lead diameters from 0,5 to 0,8mm (.019 to .031"). The bending pitch is determined by the bending cam supplied and it can be changed by replacing this cam with one having different thickness.

WARNING: FOR PITCH 2,54 MM MINIMUM LENGTH BETWEEN BODY AND TAPE SHALL BE: LENGTH OF THE BODY PLUS 12 MM. THE LENGTH OF THE LEAD FOR THE LARGER PITCHES SHALL BE INCREASED BY RELATION

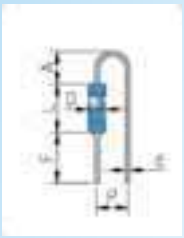
PRODUCTION:
TAPED: 50.000
LOOSE: 5.000

TP6/V/1 STANDARD VERSIONS

80.OL01- PITCH 2,54 MM

	MM		IN	
	min	max	min	max
A	2	6	.078	.236
L		15		.590
F	3	8	.118	.314
D	0,5	3	.019	.118
d	0,5	0,8	.019	.031
P	2,54 fix		.1 fix	

80.OL03- PITCH 3,8 MM



	MM		IN	
	min	max	min	max
A	2,5	6	.098	.236
L		15		.590
F	3	8	.118	.314
D	0,5	5	.019	.196
d	0,5	0,8	.019	.031
P	3,8 fix		.15 fix	

80.OL04 - PITCH 5,08 MM

	MM		IN	
	min	max	min	max
A	3	7	.118	.275
L		15		.590
F	3	8	.118	.314
D	0,5	8	.019	.314
d	0,5	0,8	.019	.031
P	5,08 fix		.2 fix	

80.OL05 - PITCH 7,62 MM

	MM		IN	
	min	max	min	max
A	4	7	.157	.275
L		15		.590
F	3	8	.118	.314
D	0,5	10	.019	.393
d	0,5	0,8	.019	.031
P	7,62 fix		.3 fix	

TP6/V/21 CUTTING BENDING MACHINE FOR AXIAL COMPONENTS VERTICAL MOUNTING

80.0L21 REINFORCED

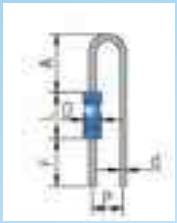
The TP6/V/21 machine is designed for cutting and bending taped axial components for vertical mounting. It operates components with lead diameters from 0,8 to 1,3mm (.031 to .051"). The bending pitch is determined by the bending cam supplied and it can be changed by replacing this cam with one having a different thickness.

WARNING: FOR PITCH 3,8 MM MINIMUM LENGTH BETWEEN BODY AND TAPE SHALL BE: LENGTH OF THE BODY PLUS 16 MM. THE LENGTH OF THE LEAD FOR THE LARGER PITCHES SHALL BE INCREASED BY RELATION

PRODUCTION:
TAPED: 50.000
LOOSE: 5.000

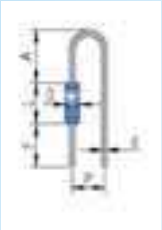
TP6/V/21 STANDARD VERSIONS

80.OL21- PITCH 3,8 MM



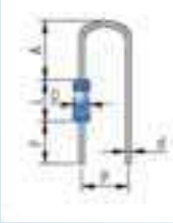
	MM		IN	
	min	max	min	max
A	4	9	.157	.354
L		15		.590
F	3	8	.118	.314
D	0,8	5	.031	.196
d	0,8	1,3	.031	.051
P	3,8 fix		.15 fix	

80.OL22 - PITCH 5,08 MM



	MM		IN	
	min	max	min	max
A	5	9	.196	.354
L		15		.590
F	3	8	.118	.314
D	0,8	8	.031	.314
d	0,8	1,3	.031	.051
P	5,08 fix		.2 fix	

80.OL23 - PITCH 7,62 MM



	MM		IN	
	min	max	min	max
A	6	9	.236	.354
L		15		.590
F	3	8	.118	.314
D	0,8	10	.031	.393
d	0,8	1,3	.031	.051
P	7,62 fix		.3 fix	

TP6/V OPTIONAL ACCESSORIES

BR6 - 400200 400200 REEL HOLDER

MOT98 - 7915030 - 220 V. - MOTOR DRIVE UNIT
MOT98 - 7915031 - 110 V - MOTOR DRIVE UNIT

TNS - 21.0011 WASTE TAPE EJECTOR

CS30 - 51.0300 FEEDER FOR LOOSE COMPONENTS

800240 BODY GUIDE

TP6/V/1-EC

CUTTING BENDING MACHINE FOR AXIAL COMPONENTS VERTICAL MOUNTING

81.0L01 STANDARD

The TP6/V/1-EC machine is designed for cutting and bending taped axial components for vertical mounting. It operates components with lead diameters from 0,5 to 0,8mm (.019 to .031").
The bending pitch is determined by the bending cam supplied and it can be changed by replacing this cam with one having different thickness.
TP6/V/1-EC machine is only supplied manual version and for taped components.

WARNING: FOR PITCH 2,54 MM MINIMUM LENGTH BETWEEN BODY AND TAPE SHALL BE: LENGTH OF THE BODY PLUS 12 MM. THE LENGTH OF THE LEAD FOR THE LARGER PITCHES SHALL BE INCREASED BY RELATION

PRODUCTION:
TAPED: 50.000

TP6/V/1-EC STANDARD VERSIONS

81.OL01- PITCH 2,54 MM

	MM		IN	
	min	max	min	max
A	2	6	.078	.236
L		15		.590
F	3	8	.118	.314
D	0,5	3	.019	.118
d	0,5	0,8	.019	.031
P	2,54 fix		.1 fix	

81.OL03- PITCH 3,8 MM

	MM		IN	
	min	max	min	max
A	2,5	6	.098	.236
L		15		.590
F	3	8	.118	.314
D	0,5	5	.019	.196
d	0,5	0,8	.019	.031
P	3,8 fix		.15 fix	

81.OL04 - PITCH 5,08 MM

	MM		IN	
	min	max	min	max
A	3	7	.118	.275
L		15		.590
F	3	8	.118	.314
D	0,5	8	.019	.314
d	0,5	0,8	.019	.031
P	5,08 fix		.2 fix	

81.OL05 - PITCH 7,62 MM

	MM		IN	
	min	max	min	max
A	4	7	.157	.275
L		15		.590
F	3	8	.118	.314
D	0,5	10	.019	.393
d	0,5	0,8	.019	.031
P	7,62 fix		.3 fix	

TP6/V/21-EC

CUTTING BENDING MACHINE FOR AXIAL COMPONENTS VERTICAL MOUNTING

81.0L21 REINFORCED

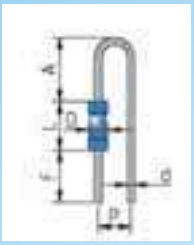
The TP6/V/21-EC machine is designed for cutting and bending taped axial components for vertical mounting. It operates components with lead diameters from 0,8 to 1,3 MM (.031 to .051"). The bending pitch is determined by the bending cam supplied and it can be changed by replacing this cam with one having different thickness.
TP6/V/21-EC machine is only supplied manual version and for taped components.

WARNING: FOR PITCH 3,8 MM MINIMUM LENGTH BETWEEN BODY AND TAPE SHALL BE: LENGTH OF THE BODY PLUS 16 MM. THE LENGTH OF THE LEAD FOR THE LARGER PITCHES SHALL BE INCREASED BY RELATION

PRODUCTION:
TAPED: 50.000

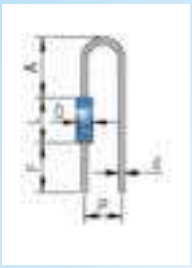
TP6/V/21-EC STANDARD VERSIONS

81.OL21 - PITCH 3,8 MM



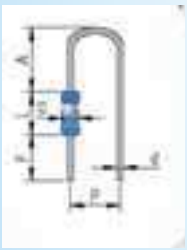
	MM		IN	
	min	max	min	max
A	4	9	.157	.354
L		15		.590
F	3	8	.118	.314
D	0,8	5	.031	.196
d	0,8	1,3	.031	.051
P	3,8 fix		.15 fix	

81.OL22 - PITCH 5,08 MM



	MM		IN	
	min	max	min	max
A	5	9	.196	.354
L		15		.590
F	3	8	.118	.314
D	0,8	8	.031	.314
d	0,8	1,3	.031	.051
P	5,08 fix		.2 fix	

81.OL23 - PITCH 7,62 MM



	MM		IN	
	min	max	min	max
A	6	9	.236	.354
L		15		.590
F	3	8	.118	.314
D	0,8	10	.031	.393
d	0,8	1,3	.031	.051
P	7,62 fix		.3 fix	

TP6/V-PR/1

Cutting bending forming machine for axial Components vertical mounting

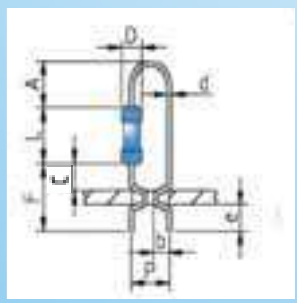
86.0L01

Machine model TP6/V-PR is designed for cutting, bending and forming taped axial components for vertical mounting. The standard form locks the components into the P.C.Board. All dimensions are adjustable. This model handles components with lead diameters from 0,5 to 0,8mm (.019 to.031"). Special versions can be manufactured to form leads having different dimensions. It is possible to suppress the form and only operate the "V" bend of components.

WARNING: THE MINIMUM LENGTH OF THE LEAD BETWEEN THE BODY AND THE TAPE SHALL BE EQUAL TO THE LENGTH OF THE BODY PLUS 15 MM

PRODUCTION HOUR:
TAPED: 7000
LOOSE. 5000

850750 - DIE ASSEMBLY FOR PITCH 2,54 MM



	MM		IN	
	min	max	min	max
A	2,8	5	.110	.196
L	3	15	.118	.590
F	4,3	10	.169	.393
C	1,5	5	.059	.196
e	1,2	4	.047	.157
b	1	1	.039	.039
d	0,5	0,8	.019	.031
D	0,5	4	.019	.157
P	2,54 fix		.1 fix	

TP6/V-PR/2

Cutting bending forming machine for axial Components vertical mounting

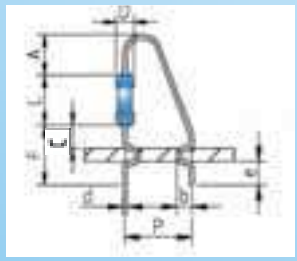
86.0L02

Machine model TP6/V-PR/2 is designed for cutting, bending and forming taped axial components for vertical mounting. The standard form locks the components into the P.C.Board. All dimensions are adjustable. This model handles components with lead diameters from 0,5 to 0,8mm (.019 to.031"). Special versions can be manufactured to form leads having different dimensions.
It is possible to suppress the form and only operate the "V" bend of components.

WARNING: THE MINIMUM LENGTH OF THE LEAD BETWEEN THE BODY AND THE TAPE SHALL BE EQUAL TO THE LENGTH OF THE BODY PLUS 18 MM

PRODUCTION HOUR:
TAPED: 7000
LOOSE. 5000

850800 - DIE ASSEMBLY FOR PITCH 5,08 MM



	MM		IN	
	min	max	min	max
A	3	5	.118	.196
L	3	15	.118	.590
F	4,3	10	.169	.393
C	1,5	5	.059	.196
e	1,2	4	.047	.157
b	1	1	.039	.039
d	0,5	0,8	.019	.031
D	0,5	8	.019	.314
P	5,08 fix		.2 fix	

TP6/V-PR OPTIONAL ACCESSORIES

BR6 - 400200 REEL HOLDER

MOT98/A - 7915032 - 220 V. - MOTOR DRIVE UNIT
MOT98/A - 7915033 - 110 V - MOTOR DRIVE UNIT

TNS - 21.0013 WASTE TAPE EJECTOR

CS20 - 51.0200 FEEDER FOR LOOSE COMPONENTS

850270 BODY GUIDE

SEF 1

Flat cable separator bench manual version

73.OL01 PITCH 1,27MM (.05")
73.OL02 PITCH .2,54MM (.1")

The model SEF 1 is designed for separating wires of flat cables.
Two different pitches of separation can be supplied:
1,27 mm (the wires are individually separated Code 73.OL01)
2,54 mm (the wires are separated by couples Code 3.OL02).
This version is a "bench" manual machine suitable for separating edges of flat cables having maximum width of 33mm.

SEF 3

Flat cable separator manual or motorised version

71.OL01 PITCH 1,27 MM (.05")
71.OL02 PITCH 2,54 MM (.1")

The model SEF 1 is designed for separating wires of flat cables.
Two different pitches of separation can be supplied:
1,27 mm (the wires are individually separated Code 73.OL01)
2,54 mm (the wires are separated by couples Code 73.OL02).
This version is a "bench" manual machine suitable for separating edges of flat cables having maximum width of 66 mm.
Motor drive unit cod. 61.OL01 (110 volt)
cod .61.OL02 (220 volt)

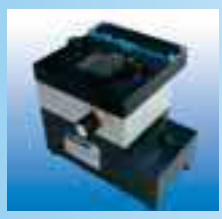
BB2

Reballing system

98.0000

1

2



3

Re-balling kit designed for repairing BGAs and re-positioning of soldering balls. Use the kit when:
you wish to re-use a BGA after desoldering it; you need to re-use prototype BGAs; when you need to mount soldering balls for a small lot of BGA production. It requires 5atm compressed air, air tube 6/4mm.
Standard kit is formed by:
- : base for BGA positioning,
1: centering adaptor,
2: top adaptor for soldering paste,
3: top adaptor for soldering balls, tools.
- : kit stencil cod 98.1000 (optional)

TP/FAST

Cutting machine for hinged metal connectors fastor

28.0L01

The model TP/FAST is designed to separate the connectors from the metal hinge keeping them properly gathered

SEP 1

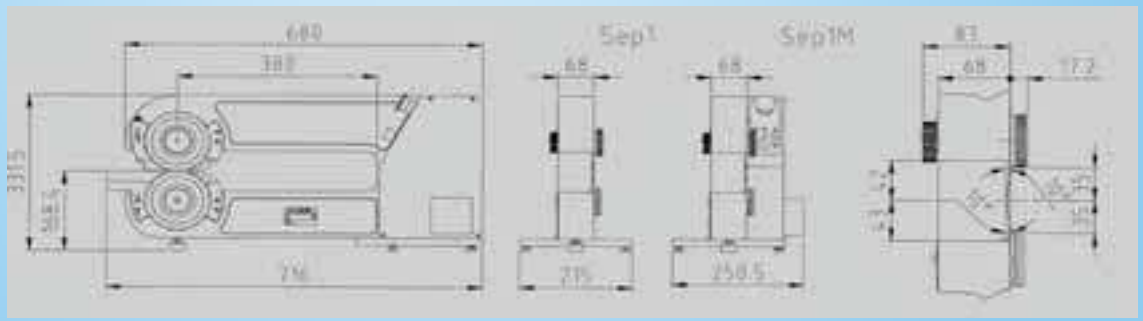
MANUAL P. C. BOARD SEPARATOR

100.0000

Manual machine suitable to separate pre-assembled Electronic Board. Precise, reliable and safe. The PCB is manually fed between the lower and upper blades using the scoring as reference. By pushing the board horizontally, the blade rotation starts offering a sharp and accurate cut. The blade height is adjustable depending on the thickness of the PCB.
Upper and lower blades are also available titanium pleated version

SEPARATION LENGTH: 380 MM

-
A: 1,0 - 3,2 mm
B:
min. 0,3 mm
max 0,8 mm
C: min. 0,25 mm



SEP 1M MOTORISED P. C. BOARD SEPARATOR

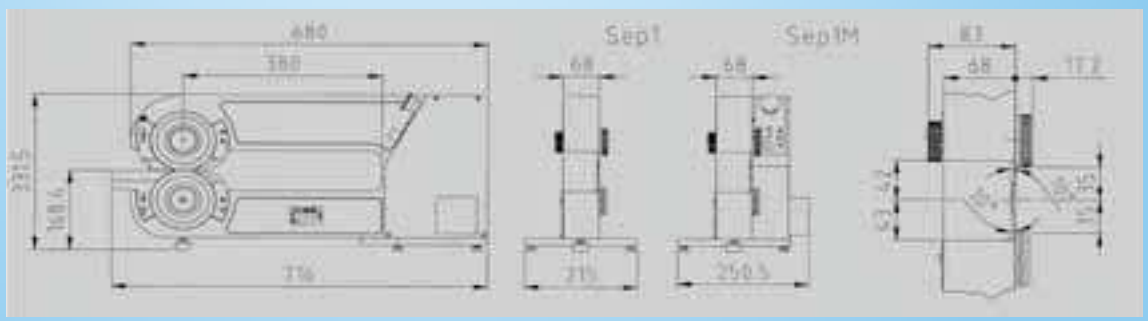
100.0001 110 V.

100.0002 220 V.

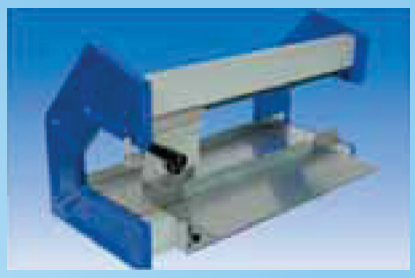
Motorized machine suitable to separate pre-assembled Electronic Board. Precise, reliable and safe. The PCB is manually fed between the lower and upper blades using the scoring as reference. By pushing the board horizontally, the blade rotation starts offering a sharp and accurate cut. The blade height is adjustable depending on the thickness of the PCB.
Upper circular blade and lower linear blade are also available titanium pleated

SEPARATION LENGTH: 380 MM
ADJUSTABLE SPEED

-
A: 1,0 - 3,2 MM
B:
MIN. 0,3 MM
MAX 0,8 MM
C: MIN. 0,25 MM



SEP 2 MANUAL P. C. BOARD SEPARATOR



103.0000 MANUAL MACHINE – CUTTING LENGTH 450 MM

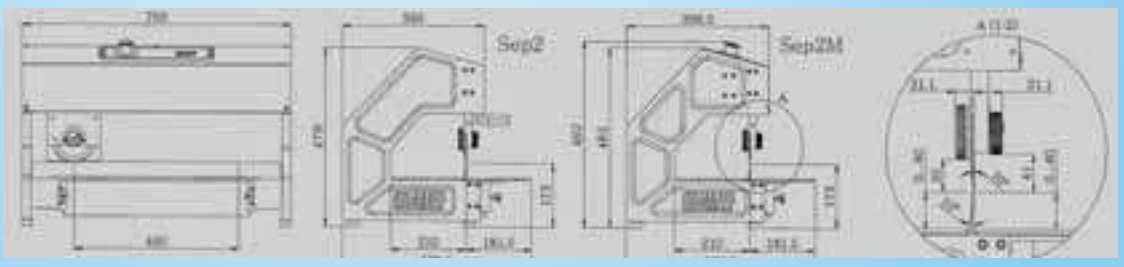
104.0000 MANUAL MACHINE – CUTTING LENGTH 600 MM

Supplied with titanium pleated blades only

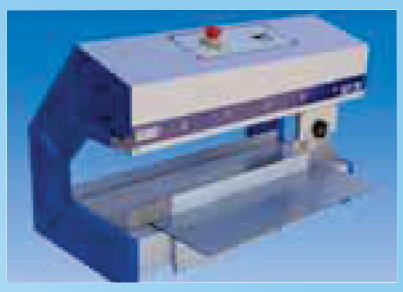
SEP2 is a manual P. C. Board separator designed for scored and pre assembled PCBs. The scored board is placed on the lower linear blade. Separation length is 450mm or 600 mm. With the SEP2 the handle is used to move the upper circular blade. The distance between the upper circular blade and the lower linear blade can be adjusted. The height of the front and back supporting tables is also adjustable.

Upper and lower blades are also available titanium pleated

A: 1,0 - 3,2 MM
B:
MIN. 0,3 MM
MAX 0,8 MM
C: MIN. 0,25 MM



SEP 2M MOTORISED P. C. BOARD SEPARATOR



103.0001 - CUTTING LENGTH 450 MM – 110 V.

104.0001 - CUTTING LENGTH 600 MM – 110 V

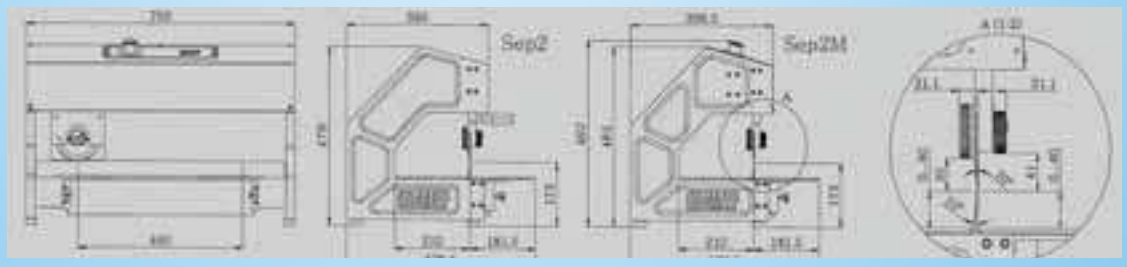
103.0002 - CUTTING LENGTH 450 MM – 220 V

104.0002 - CUTTING LENGTH 600 MM – 220 V

SEP2 and SEP2M are motorized P. C. Board separators designed for scored and pre assembled PCBs. The scored board is placed on the lower linear blade. Separation length is 450mm or 600 mm. With the SEP2M the upper blade run is controlled by a foot pedal and the length of this run can be programmed through push buttons located on the main control panel. The distance between the upper circular blade and the lower linear blade can be adjusted. The height of the front and back supporting tables is also adjustable. Circular upper and lower linear blades are also available titanium pleated.

104.0001 and 104.0002 are only supplied with titanium pleated blades

A: 1,0 - 3,2 MM
B:
MIN. 0,3 MM
MAX 0,8 MM
C: MIN. 0,25 MM



SEP 3 SEPARATOR FOR SLOTTED P. C. BOARD

106.0000

AVAILABLE BLADES		CODE	THICKNESS MM	SLOT WIDTH MM
STANDARD BLADE L: 5,8 MM		1060015	1,4	1,5
		1060020	1,9	2,0
		1060025	2,4	2,5
		1060030	2,9	3,0
REINFORCED BLADE L: 9 MM		1060115	1,4	1,5
		1060120	1,9	2,0
		1060125	2,4	2,5
		1060130	2,9	3,0
"T" STANDARD BLADE L: 4,75 MM		1060255	1,4	1,5
		1060260	1,9	2,0
		1060265	2,4	2,5
		1060270	2,9	3,0
BLADE FOR REDUCED CUT L: 3,5 MM		1060315	1,4	1,5
		1060320	1,9	2,0
		1060325	2,4	2,5
		1060330	2,9	3,0
REINFORDER – HIGH BLADE L: 9 MM		1060415	1,4	1,5
		1060420	1,9	2,0
		1060425	2,4	2,5
		1060430	2,9	3,0
REINFORCED – HIGH – LARGE BLADE L: 9 MM		1060515	1,4	1,5
		1060520	1,9	2,0
		1060525	2,4	2,5
		1060530	2,9	3,0

The blades in the list shall be ordered together with the machine also specifying wished form and thickness. Halfway thickness can be manufactured upon request. Air pressure: 6 bar

SEP 4

MOTORISED MACHINE FOR STRIP SEPARATION - STRIP SAW

109.0003 110 V.

109.0004 220 V.

SEP 4 – STRIP CUTTING MACHINE. Quick and easy set up for various sizes, turning adjustment knob for header length of 1 to 32 pins. Hold down clamp for exact and sure positioning. DC motor with speed adjustment for optimal efficiency. Counter for keeping trace of the number of component cut.

BLADE: MATERIAL HSS
OUTER DIAMETER: 63 MM
THICKNESS: 0,25 MM

STRIP WIDTH: MAX 12 MM
HEIGTH: MAX 8 MM
SEPARATION LENGTH: 1-32 PINS

COUNTY EVO

Counter for taped axial and radial components

8301.081 COMPONENT COUNTER 220 V. 50-60 HZ

8301.083 COMPONENT COUNTER 110 V. 50-60 HZ

8301.082 DIGITAL COMPONENT COUNTER 220 V, 50-60 HZ WITH ACCUMULATOR PRINTER OUTPUT

8301.084 DIGITAL COMPONENT COUNTER 110 V, 50-60HZ WITH ACCUMULATOR PRINTER OUTPUT

8301.018 SMD TAPE ADAPTOR

8301.028 SUPPORT FOR ROLLED BANDOLIER

8301.030 HANDLE FOR SUPPORT

8301.023 SUPPORT FOR AXIAL AND RADIAL ROLLED BANDOLIER

8301.025 HANDLE FOR SUPPORT

8301.095 PRINTER

The County is a microcomputer based instrument which counts radial and axial components on tape. With the optional SMD adaptor it can also count SMD components. It counts in both directions (right or left). It is equipped with a divider from 1 to 19 and a TOTALIZER mode counting or PRESET mode, with an alarm that starts when the desired component number has been reached.Calibration test and self diagnostic procedure, last counting value and condition memory.

COUNTY-S EVO

MOTORIZED COUNTER FOR SMD COMPONENTS

8301.131 220 V
8301.141 110 V
8301.133 220 V WITH EMPTY POCKET CHECK
8301.143 110 V WITH EMPTY POCKET CHECK

Motorized counter for taped SMD component counting. This machine works in a simple way by counting the holes on the tape.It can operate in two different ways.
Totalizer: components are counted from a zero reference, tape feed is motorized and the counter automatically stops at the tape end, to prevent loss of the total.
Preset mode: the desired component number is keyed on the keyboard and the counter automatically stops when it reaches the corresponding component.
All functions are easy to operate by the help of interactive messages on the display,while system status is monitored by means of LEDS near the control keys. Motion control procedures are extremely simple, while special functions are grouped in a separate section on the keyboard in order to prevent operator errors.The memory function allows partial counting for the same component type and memory call can show at any time the memory contents without loosing of the actual counting data. Step number indication (division factor) is always present, showed on a two-digit display.
Model with empty pocket check also check missing components and also operates on black plastic tapes: models 8301.133 and 8301.143

MAXIMUM TAPE HEIGHT: 56 MM
MAXIMUM REEL DIAMETER: 400 MM OR 650 MM WITH SUPPORTS 8301.150
UP/DOWN COUNTING
PARTIAL COUNTING MEMORY
PRESET MODE
ADJUSTABLE FEEDING SPEED
STEP BY STEP FEED 1 COMPONENT AT A TIME

RS232C SERIAL OUTPUT FOR HOST COMPUTER OR THERMAL LABEL PRINTER
DISPLAY: BLU LCD SHINING BACK SIDE
MAXIMUM COUNTING SPEED: 200/PCS/SEC 1 PIECE PER HOLE-HOLES PER COMPONENT: 0,5 TO 99

8301.110 EMPTY REEL

ALUMINIUM MADE
INNER 150/OUTER 350 MM DIAMETER
EASILY CHARGEABLE

FOR TEMPORARY WINDING
HEIGHT OF THE TAPE 8 TO 56 MM

ACCESSORIES FOR COUNTY

SED LABEL PRINTER

8301.095 PRINTER FOR COUNTY EVO AND COUNTY-S EVO

PAPER

8301.096 DIRECT THERMAL LABEL PRINTER DESIGNED FOR LONG LASTING AND EASE OF USE

It can be connected to COUNTY-S EVO code 8301.133, 8301.143, 8301.131 and 8301.141
and to COUNTY EVO code 8301.082 and 8301.084

LABELS/ROLL 8301.096 maximum print width 104mm – 57x51mm – 1360 labels

BARCODE FOR COUNTY EVO AND COUNTY-S EVO

8301.155

Barcode:
It's small, lightweight and ergonomic design, coiled cable included, a wider than usual scan angle provides the ability to read longer bar codes from shorter distance, IP42 protection. The barcode is connected and powered via a single cable, without the problem of two separate cables.