

OLAMEF

Electronic
component preforming
equipment



TOP ITALIAN MACHINE MANUFACTURER
FOR ELECTRONIC INDUSTRY



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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 BY STEP FEEDER FOR STRIGHT
CUT OF RADIAL TAPED COMPONENTS



SP 21/A 03 STRIGHT 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 POSTS 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 PNEUMATIC MACHINE
EQUIPPED WITH MORE POSTS 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 a pneumatic 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



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.

PRODUCTION: 1.200 P/H

TP7

AUTOMATIC CUTTING BENDING FORMING MACHINE FOR TAPED AXIAL COMPONENTS



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 individually 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.



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

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

EXAMPLES OF FORMS:



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



SP36.05 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 PLACEMENT MACHINE FOR TRADITIONAL THROUGH HOLE 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

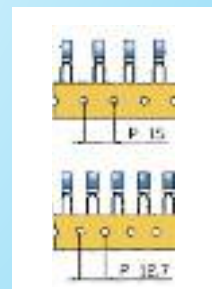


The machine Model TP6/R is designed for cutting radial components on tape. It can be supplied in two versions for two types of tape: i.e. with hole pitch = 12,7 or 15mm (.5 or .59").

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



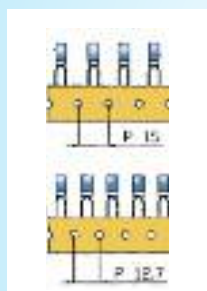
31.OL21 TAPE HOLE PITCH 12,7 MM

31.OL22 TAPE HOLE PITCH 15 MM



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

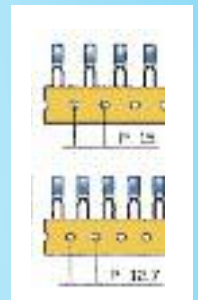
PNEUMATIC AUTOMATIC CUTTING FORMING MACHINE FOR TAPED RADIAL COMPONENTS

EXAMPLES OF FORMS



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 PITCH 12,7 mm
and 90.OL13 FOR TAPE HOLE PITCH 15 mm

LEAD Ø: 0,4-1 MM

PRODUCTION: 6000 P/H

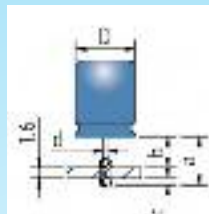
THEY SHALL ALWAYS BE ORDERED WITH THE TP/R-PR-AS MACHINE
(THEY ARE NOT INCLUDED IN THE MACHINE'S PRICE)



SMS/1
93.0001

DOUBLE KINK/
STAND

OFF – LOCK IN

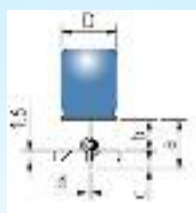


	MM			IN		
	min	max	fix	min	max	fix
a	6	13		.236	.511	
b	3	10		.118	.393	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	10		.039	.393	



SMS/2
93.0002

STAND OFF

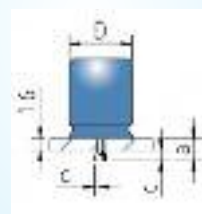


	MM			IN		
	min	max	fix	min	max	fix
a	6	13		.236	.511	
b	3	10		.118	.393	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	10		.039	.393	



SMS/3
93.0003

BODY LOCKED ON P. C.
BOARD

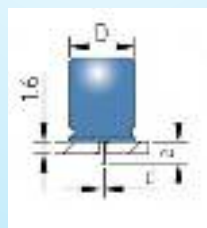


	MM			IN		
	min	max	fix	min	max	fix
a			3			.118
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	10		.039	.393	



SMS/4
93.0004

STRAIGHT CUT

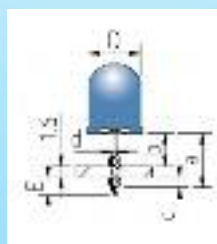


	MM			IN		
	min	max	fix	min	max	fix
a	3	10		.118	.393	
d	0,4	0,8		.015	.031	
D	1	10		.039	.393	



SMS/5
93.0005

POLARITY

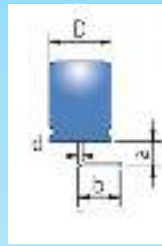


	MM			IN		
	min	max	fix	min	max	fix
a	6	13		.236	.511	
b	3	10		.118	.393	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	10		.039	.393	
E*			2,2			.086

*: QUOTA TO BE COMUNICATED AT ORDER



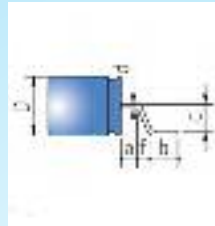
SMS/6
93.0006
90° BENDING



	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236
d*	0,4	0,8		.015	.031	
D*	1	6		.039	.236	



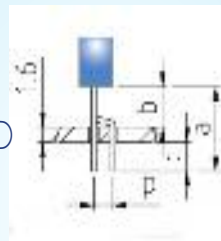
SMS/7
93.0007
SMD
PLACEMENT



	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



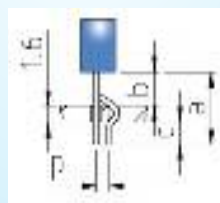
SMS/8
93.0008
CENTRE LEAD SPREAD
1,27mm AND CUT
FOR TO-92



	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



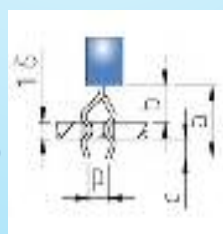
SMS/10
93.0010
CENTRE LEAD SPREAD
1,27mm LOCK IN AND
CUT TO-92



	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



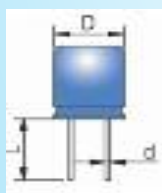
74.OL21 110 V

74.OL22 220 V



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

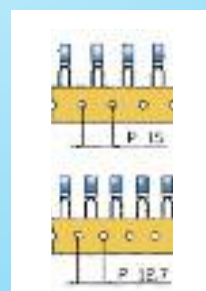
PRODUCTION: 2000 P/H



	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

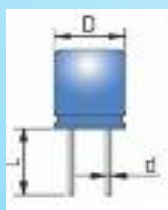


TP/LN-100 - 36.0001



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		
L d	min	max	fix	min	max	fix
			3,2			.125
	0,3	1		.011	.039	

TP/TS1

PNEUMATIC CUTTING FORMING MACHINE FOR LOOSE



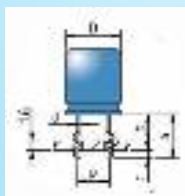
1 8.0000 WITHOUT ANY DIE

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

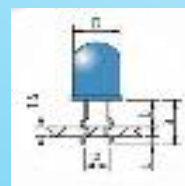
The pneumatic machine TP/TS1 is very flexible equipment designed for cutting and forming loose radial components having up to 1,2 mm of lead's diameter. A large number of dies are designed and manufactured to realise the mainly requested standard forms and special ones. It is possible to equip the machines, 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

1 80600 STAND OFF LOCK IN – DOUBLE KINK –
P:= 2,54 - 5,08 - 7,62 - 10,16 MM (.1 -.2 - .3 - .4")



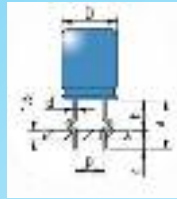
	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	



1 80700 STAND OFF-LOCK IN LED/DOUBLE KINK –
L.E.D. P.2,54 MM (.1")

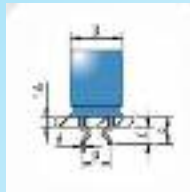
	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	

180800 STAND OFF-KINK OUTWARD - P:=2 - 2,54 - 5,08 - 7,62 - 10,16 mm (.78 - .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")



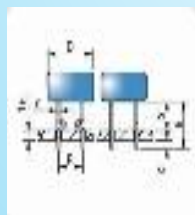
	MM			IN		
	min	max	fix	min	max	fix
a			3			.118
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



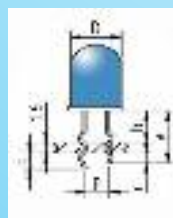
	MM			IN		
	min	max	fix	min	max	fix
a	3	13		.118	.511	
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



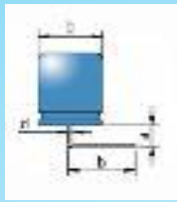
	MM			IN		
	min	max	fix	min	max	fix
a	6	14		.236	.551	
b	4	12		.157	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



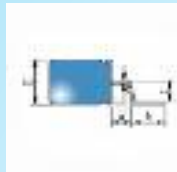
	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	
E			2,4			.094

181300 90° BENDING



	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236
d*	0,4	0,8		.015	.031	
D*	1	15		.039	.590	

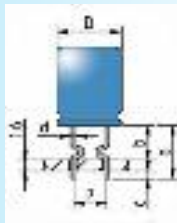
181400 SURFACE MOUNTING



	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")



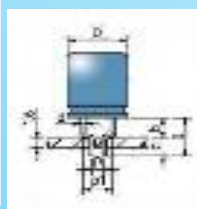
	MM			IN		
	min	max	fix	min	max	fix
a	8	16		.236	.629	
b	3	13		.118	.511	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

181700 TO SPREAD OUT AND CUT



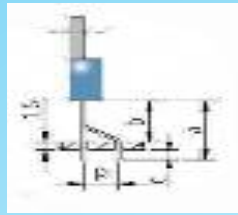
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			2,54			.1
p*			5,08			.2

181800 REDUCE PITCH AND CUT



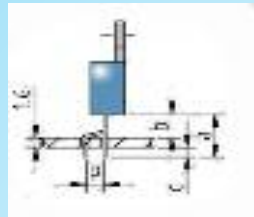
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			5,08			.2
p*			2,54			.1

182100 TO 220 CENTRAL LEAD SPREAD AND CUT



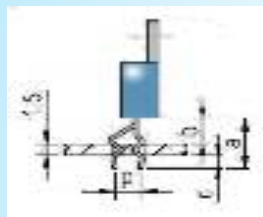
MM				IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

182200 TO 220 CENTER LEAD SPREAD AND LOCK



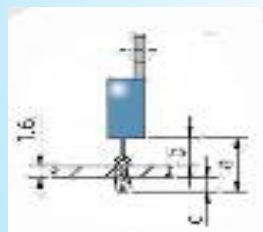
MM			IN			
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

182300 TO 220 CENTER LEAD SPREAD/3 LEAD LOCK



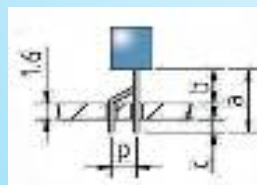
MM				IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

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			.065

182500 TO 92 CENTER LEAD SPREAD



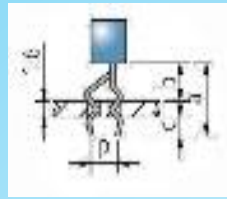
MM				IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

182600 TO 92 CENTER LEAD SPREAD AND LOCK



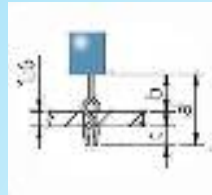
MM				IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.06

182700 TO-92 CENTER LEAD SPREAD/THREE LEAD LOCK



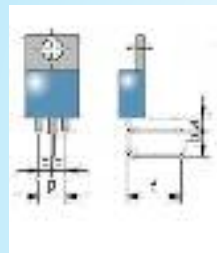
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.276	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			1,27			.05

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
c			8			.216
p			5,08			.2

TP/SC4

CUTTING FORMING MACHINE FOR LOOSE RADIAL COMPONENTS

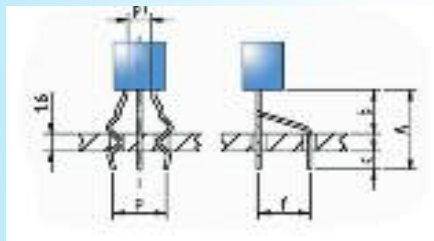
16.0000 STANDARD 2 CYLINDERS
WITHOUT FORMING DIE



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*			1,6			.059
f*			2,54			.1
p*			5,08			.2
p1*			2,54			.1

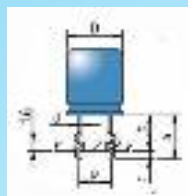
*: QUOTA.TO BE COMUNICATED AT ORDER

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

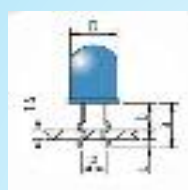
STANDARD DIES FOR TP/TS1

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



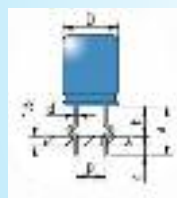
	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



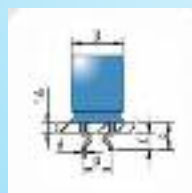
	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	

160800 STAND OFF-KINK OUTWARD - P:=2 - 2,54 - 5,08 -
7,62 - 10,16 mm (.78 - .1 -.2 -.3 -.4")



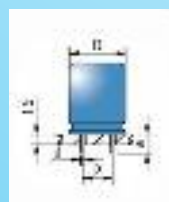
	MM			IN		
	min	max	fix	min	max	fix
a	6	16		.236	.629	
b	3	13		.118	.511	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



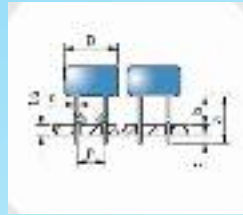
	MM			IN		
	min	max	fix	min	max	fix
a			3			.118
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



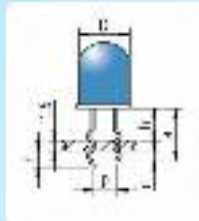
	MM			IN		
	min	max	fix	min	max	fix
a	3	13		.118	.511	
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



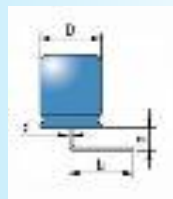
	MM			IN		
	min	max	fix	min	max	fix
a	6	14		.236	.551	
b	4	12		.157	.472	
c			1,4			.055
d	0,4	0,8		.015	.031	
D	1	15		.039	.590	

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



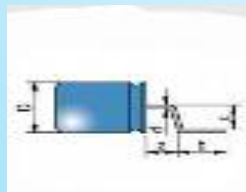
	MM			IN		
	min	max	fix	min	max	fix
a	5	15		.196	.590	
b	2	12		.078	.472	
c			1,4			.055
D	2	5		.078	.196	
E			2,4			.094

161300 90° BENDING



	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			6			.236
d*	0,4	0,8		.015	.031	
D*	1	15		.039	.590	

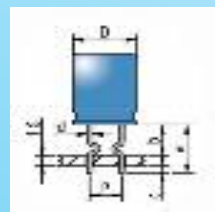
161400 SURFACE MOUNTING



	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	

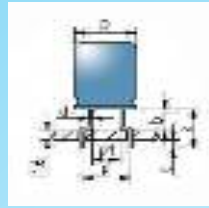
161500 STAND OFF/KINK INWARD

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



	MM			IN		
	min	max	fix	min	max	fix
a	8	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



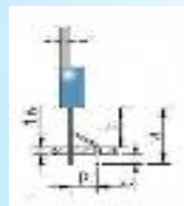
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			2,54			.1
p*			5,08			.2

161800 REDUCE PITCH AND CUT



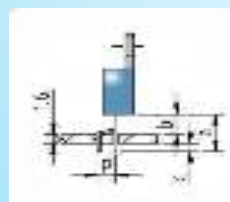
	MM			IN		
	min	max	fix	min	max	fix
a	5	8		.196	.314	
b	2	5		.078	.196	
c			1,4			.055
d*	0,4	0,8		.015	.031	
D	1	15		.039	.590	
p1*			5,08			.2
p*			2,54			.1

162100 TO 220 CENTRAL LEAD SPREAD AND CUT



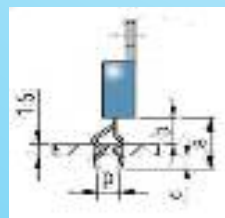
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1,4			.055
p*			2,54			.1

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



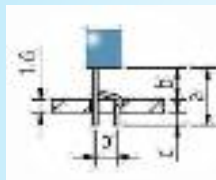
	MM			IN		
	min	max	fix	min	max	fix
a	6	11		.236	.433	
b	3	8		.118	.314	
c			1.4			.055

162500 TO 92 CENTER LEAD SPREAD



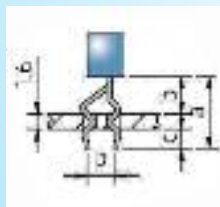
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1.4			.055
p*			1.27			.05

162600 TO 92 CENTER LEAD SPREAD AND LOCK



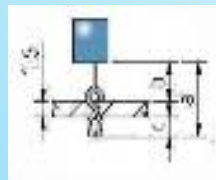
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1.4			.055
p*			1.27			.05

162700 TO-92 CENTER LEAD SPREAD/THREE LEAD LOCK



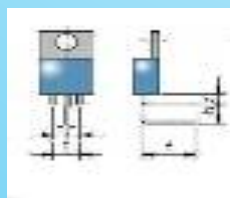
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1.4			.055
p*			1.27			.05

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
c			8			.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.



PRODUCTION: 3000 P/H

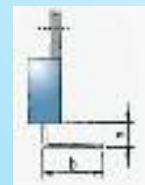
STANDARD DIE ASSEMBLIES

131000 STRAIGHT CUT



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

131300 90° BENDING



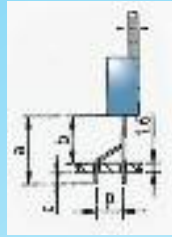
	MM			IN		
	min	max	fix	min	max	fix
a	3	8		.118	.314	
b*			8			.238

131400 SURFACE MOUNTING



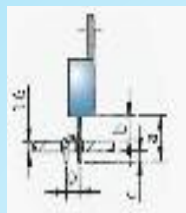
	MM			IN		
	min	max	fix	min	max	fix
a	2.5	8		.098	.314	
b*			2			.078
c*			2.5			.098

132100 CENTRAL LEAD SPREAD AND CUT



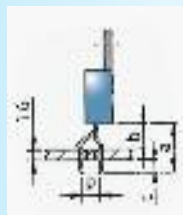
	MM			IN		
	min	max	fix	min	max	fix
a	7	13		.275	.511	
b	4	10		.157	.393	
c			1.4			.055
p*			2.54			.1

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			.056
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			.056
p*			2.54			.1

132400 DOUBLE KINK ON THREE LEAD – IN LINE



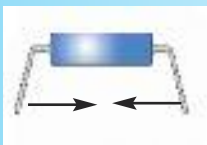
	MM			IN		
	min	max	fix	min	max	fix
a	8	11		.238	.433	
b	3	8		.118	.314	
c			1.4			.056

133100 90° BENDING CENTER LEAD OFF SET



	MM			IN		
	min	max	fix	min	max	fix
a	3	5		.118	.196	
b*			5			.196
p*			6			.216
p			5.08			.2

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 -1,3

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



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



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

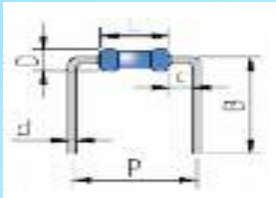


This system automatically adjusts the bending wheels, reducing the set-up time and making it easier.

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

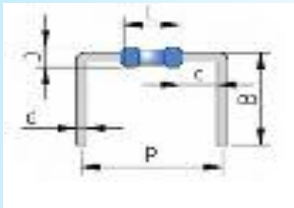
STANDARD VERSIONS OF TP6, TP6/D AND TP6/97 MACHINES

20.OL01 - 20.OL11 - 20.OL01/97
TP6/1 STANDARD VERSION



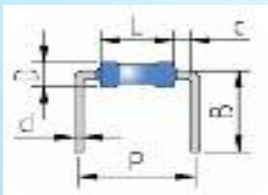
	MM		IN.	
	min	max	min	max
P	6,5	60	255	2.362
B	4	13	.157	.511
c	1,2		.047	
L		50		1.968
d	0,4	1,3	.015	.051
D	0,4	16	.015	.629

20.OL04 - 20.OL12 - 20.OL04/97
TP6/4 EXTRA REINFORCED BENDIN



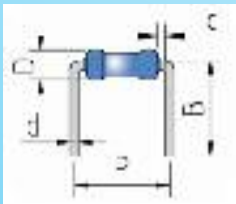
	MM		IN.	
	min	max	min	max
P	10,16	60	.4	2.362
B	5	13	.196	.511
c	2,4		.094	
L		50		1.968
d	0,6	1,4	.023	.055
D	0,6	16	.023	.629

20.OL06 - 20.OL06/97
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	.393

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		.018	
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 COMPLETE BODY GUIDE

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

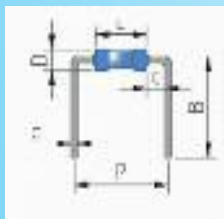


The model TP6-EC is a manual machine, designed for cutting and bending taped axial components with lead diameter from 0,4 to 1,4mm (.015 to .055"). Operation quota are set up in a quick and precise manner. The high quality and reliability of this machine ensure the best operation for a very long time. No maintenance is required. This machine is only supplied manual version and for taped components.

PRODUCTION: 50000/HOUR

TP6/1-EC

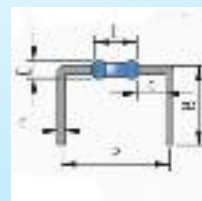
STANDARD - 23.OL01



	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	1,3	.015	.051
D	0,4	16	.015	.629

TP6/4-EC

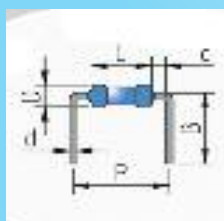
REINFORCED - 23.OL04



	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.OL07	P	5,08	.2
code 23.OL09	P	7,62	.3
code 23.OL10	P	10,16	.4

TP6/PR-B

CUTTING BENDING
FORMING MACHINE FOR
AXIAL COMPONENTS

EXAMPLES OF FORMS 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

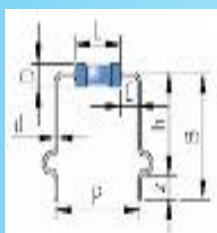
PRODUCTION PER HOUR:
TAPED 25000
LOOSE 5000

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.

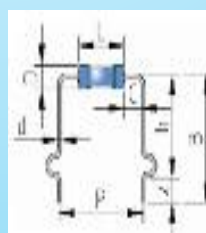
40.OL21 - 40.OL31 - 40.OL24
STANDARD VERSIONS

40.OL22 - 40.OL32 - 40.OL25
REINFORCED 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.OL01 Z	3.1 fix	.122 fix
code 40.OL11 Z	3.9 fix	.153 fix
code 40.OL04 Z	5 fix	.196 fix



	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.OL02 Z	3.1 fix	.122 fix
code 40.OL12 Z	3.9 fix	.153 fix
code 40.OL05 Z	5 fix	.196 fix

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

EXAMPLES OF FORMS 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

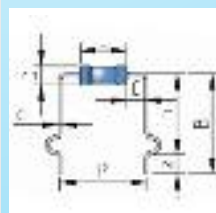
40.OL22/97 - 40.OL32/97 -

40.OL25/97 - REINFORCED 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.OL01 Z	3.1 fix	.122 fix
code 40.OL11 Z	3.9 fix	.153 fix
code 40.OL04 Z	5 fix	.196 fix



	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.OL02 Z	3.1 fix	.122 fix
code 40.OL12 Z	3.9 fix	.153 fix
code 40.OL05 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 COMPLETE BODY GUIDE

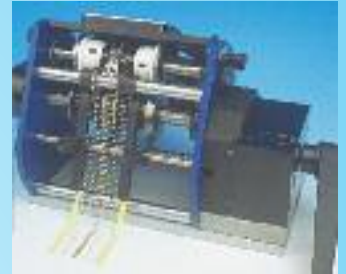
TP6/PR-F/1

CUTTING BENDING FORMING MACHINE FOR AXIAL COMPONENTS

EXAMPLES OF FORM



43.OL01 STANDARD



The model TP6/PR-F is designed for cutting and forming axial taped components. Version 43.OL01 is suitable for lead $\varnothing$ 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

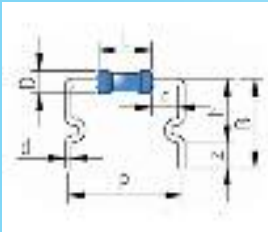


TNS - 21.0013 WASTE TAPE EJECTOR IS
ALWAYS ALREADY INCLUDED WITH THE MACHINE

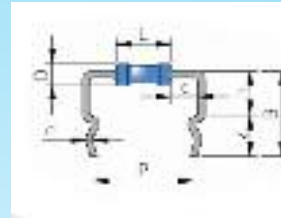
TP6/PR-F/1 STANDARD DIE ASSEMBLIES

420800 - STAND OFF 2,5MM

420850 - LOCK IN



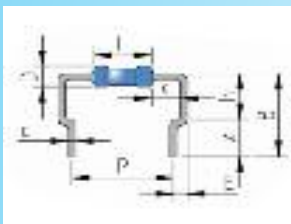
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1.2		.047	
h	6	9	.236	.354
B	8	11	.314	.433
d	0.5	0.9	.019	.035
D	0.5	8	.019	.314
z	2	4	.078	.157



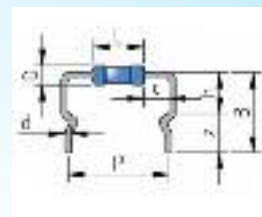
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.023
c	1.2		.047	
h	4.5	8	.177	.314
B	7.5	11	.295	.433
d	0.5	0.8	.019	.031
D	0.5	8	.019	.314
z	3	4	.118	.157

420900 - REDUCED PITCH

420950 - LOCK IN



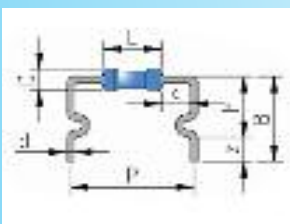
	MM		IN	
	min	max	min	max
P	7.62	58.42	.3	2.3
L		50		1.968
c	1.2		.047	
h	5	9	.196	.354
B	7	11	.275	.433
d	0.5	0.9	.019	.035
D	0.5	8	.019	.314
z	2	4	.078	.157
E	1.27		.05	



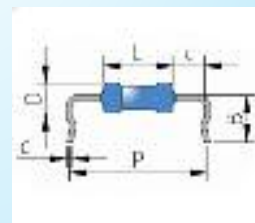
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1.2		.047	
h	4.5	8	.177	.314
B	7.5	11	.295	.433
d	0.6	0.9	.023	.035
D	0.6	8	.023	.314
z	3	4.5	.118	.177

420750 - STAND OFF 3MM

421000 - BODY LOCKED



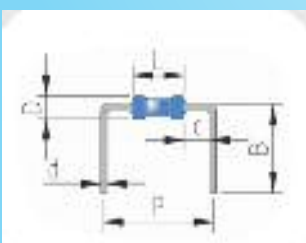
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1.2		.047	
h	6.5	9.5	.255	.374
B	8.5	11.5	.334	.452
d	0.5	0.9	.019	.035
D	0.5	8	.019	.314
z	2	4	.078	.157



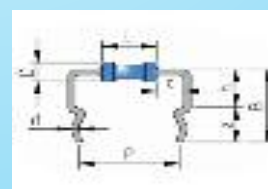
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1.2		.047	
B	5	8	.196	.314
d	0.5	0.8	.019	.031
D	2	8	.078	.314

420650 - "U" BEND

42100004 - LOW BODY LOCKED



	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



	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.023
c	1.2		.047	
h	3	8	.118	.314
B	6	11	.236	.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

EXAMPLES OF FORM



43.OL02 REINFORCED



The model TP6/PR-F/2 is designed for cutting and forming axial taped components. Version 43.OL02 is suitable for lead $\varnothing$ 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.

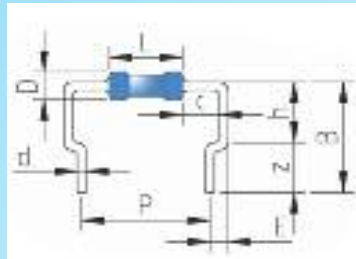
PRODUCTION/HOUR
TAPED: 7000
LOOSE: 5000



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

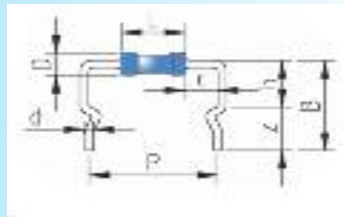
TP6/PR-F/2 STANDARD DIE ASSEMBLIES

420900 - REDUCED PITCH



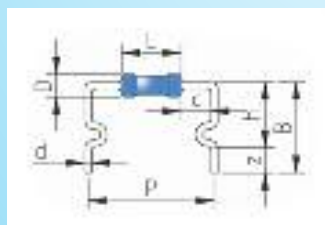
	MM		IN	
	min	max	min	max
P	7,62	58,42	.3	2.3
L		50		1.968
c	1,5		.059	
h	6	12	.236	.472
B	8	14	.314	.551
d	0,8	1	.031	.039
D	0,8	8	.031	.314
z	2	4	.078	.157
E	1,27		.05	

420950 - LOCK IN



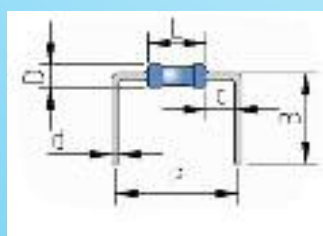
	MM		IN	
	min	max	min	max
P	10.16	60.96	.4	2.4
L		50		1.968
c	1,5		.059	
h	5,5	11	.216	.433
B	8,5	14	.334	.551
d	0,8	1	.031	.039
D	0,8	8	.031	.314
z	3	4,5	.118	.177

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

EXAMPLES OF FORM



43.OL03 EXTRA REINFORCED



The model TP6/PR-F/3 is designed for cutting and forming axial taped components. Version 43.OL03 is suitable for lead $\varnothing$ 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..

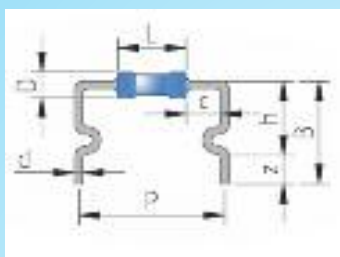
PRODUCTION/HOUR
TAPED: 7000
LOOSE: 5000



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

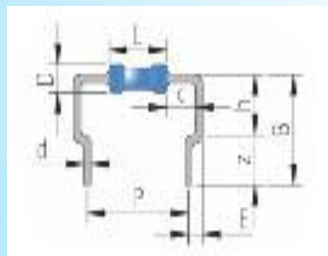
TP6/PR-F/3 STANDARD DIE ASSEMBLIES

430700 - STAND OFF 3MM



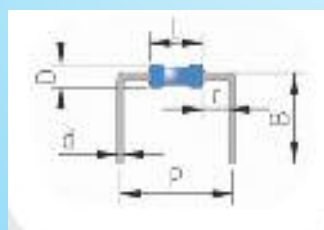
	MM		IN	
	min	max	min	max
P	12,7	60,96	,5	2,4
L		50		1,968
c	2,5		,098	
h	11	16	,433	,629
B	13	18	,511	,708
d	1	1,3	,039	,051
D	1	8	,039	,314
z	2	4	,078	,157

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 COMPLETE BODY GUIDE

TP6/S

CUTTING BENDING FORMING MACHINE FOR AXIAL COMPO- NENTS FOR SURFACE MOUNTING

EXAMPLES OF FORMS



25.OLO1 STANDARD

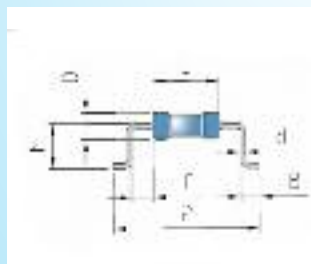
The TP6/S machine is designed for cutting and bending axial components for surface mount. The standard version offers the most common dimensions. Special versions to customer's specifications are available upon request. It is however necessary to know all dimensions of the component, before and after 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	.388
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 COMPLETE BODY GUIDE

TP6/V/1

CUTTING BENDING MACHINE FOR AXIAL COMPONENTS VERTICAL MOUNTING

EXAMPLES OF FORMS



80.0LO1 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

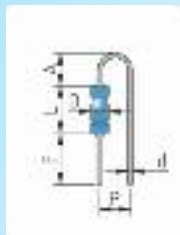
TP6/V/1 STANDARD VERSIONS

80.OL01 - PITCH 2,54 MM



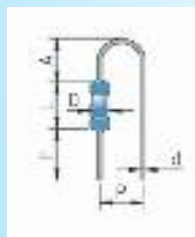
	MM		IN	
	min	max	min	max
A	2	6	.078	.236
L		15		.590
F	3	8	.118	.314
D	0,5	3	.019	.118
d	0,5	0,8	.019	.031
P	2,54 fix		.1 fix	

80.OL03 - PITCH 3,8 MM



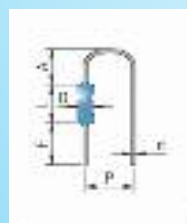
	MM		IN	
	min	max	min	max
A	2,5	6	.098	.236
L		15		.590
F	3	8	.118	.314
D	0,5	5	.019	.196
d	0,5	0,8	.019	.031
P	3,8 fix		.15 fix	

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

EXAMPLES OF FORM



80.OL21 REINFORCED



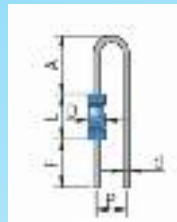
The TP6/V/21 machine is designed for cutting and bending taped axial components for vertical mounting. It operates components with lead diameters from 0,8 to 1,3mm (.031 to .051"). The bending pitch is determined by the bending cam supplied and it can be changed by replacing this cam with one having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

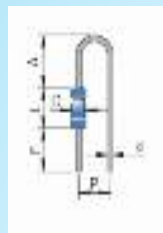
TP6/V/21 STANDARD VERSIONS

80.OL21 - PITCH 3,8 MM



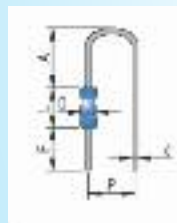
	MM		IN	
	min	max	min	max
A	4	9	.157	.354
L		15		.590
F	3	8	.118	.314
D	0,8	5	.031	.196
d	0,8	1,3	.031	.051
P	3,8 fix		.15 fix	

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	.235	.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 COMPLETE BODY GUIDE

TP6/V/1-EC

CUTTING BENDING MACHINE FOR AXIAL COMPONENTS VERTICAL MOUNTING

EXAMPLES OF FORMS



81.OLO1 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.

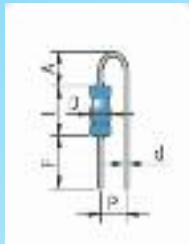
TP6/V/1-EC machine is only supplied manual version and for taped components.

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

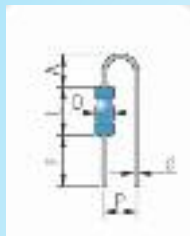
TP6/V/1-EC STANDARD VERSIONS

81.OL01- PITCH 2,54 MM



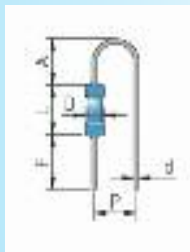
	MM		IN	
	min	max	min	max
A	2	8	.078	.236
L		15		.590
F	3	8	.118	.314
D	0,5	3	.019	.118
d	0,5	0,8	.019	.031
P	2,54	fix	.1	fix

81.OL03- PITCH 3,8 MM



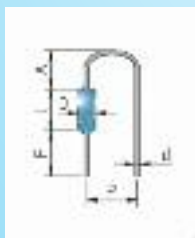
	MM		IN	
	min	max	min	max
A	2,5	8	.098	.236
L		15		.590
F	3	8	.118	.314
D	0,5	5	.019	.196
d	0,5	0,8	.019	.031
P	3,8	fix	.15	fix

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

EXAMPLES OF FORMS

81.OL21 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.

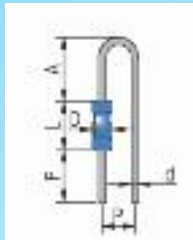
TP6/V/21-EC machine is only supplied manual version and for taped components.

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

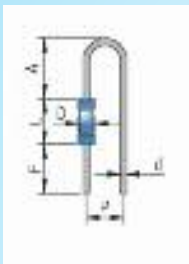
TP6/V/21-EC STANDARD VERSIONS

81.OL21 - PITCH 3,8 MM



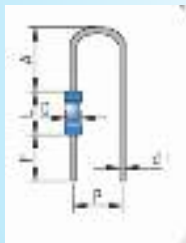
	MM		IN	
	min	max	min	max
A	4	9	.157	.354
L		15		.590
F	3	8	.118	.314
D	0,8	5	.031	.196
d	0,8	1,3	.031	.051
P	3,8 fix		.15 fix	

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	.235	.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

EXAMPLES OF FORM



86.OL01

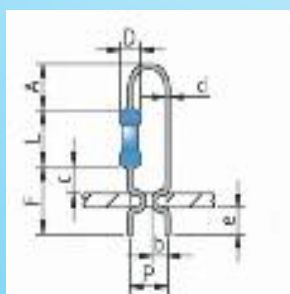
Machine model TP6/V-PR is designed for cutting, bending and forming taped axial components for vertical mounting. The standard form locks the components into the P.C.Board. All dimensions are adjustable. This model handles components with lead diameters from 0,5 to 0,8mm (.019 to .031"). Special versions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

EXAMPLES OF FORM



86.OL02

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.

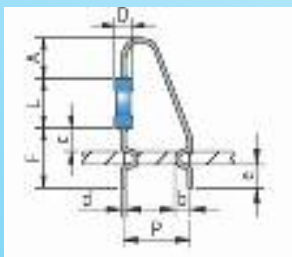
It is possible to suppress the form and only operate the "V" bend of components.

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



850240 COMPLETE 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) or 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 33mm.

SEF 3

FLAT CABLE SEPARATOR MANUAL OR MOTORIZED VERSION



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

71.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) or 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 33mm.

BB2

REBALLING SYSTEM



98.0000

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, centering adaptor, top adaptor for soldering paste, top adaptor for soldering balls, tools.



PROPER BGA POSITIONING BY USING CENTERING ADAPTOR



GLUE/SOLDERING PASTE POSITIONING ON BGA



SOLDERING BALLS PLACEMENT

SEP 1

MANUAL P. C. BOARD SEPARATOR

100.0000

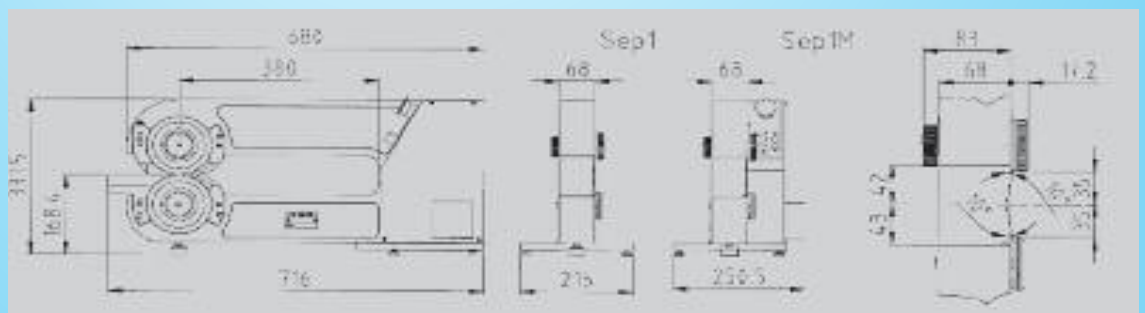


Manual machine suitable to separate pre-assembled Electronic Board. Precise, reliable and safe. The PCB is manually fed between the lower and upper blades using the scoring as reference. By pushing the board horizontally, the blade rotation starts offering a sharp and accurate cut. The blade height is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

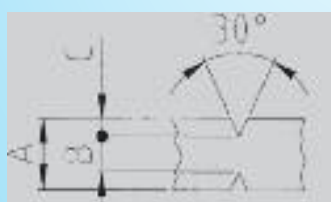
100.0001 110 V.

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 plated

SEPARATION LENGTH: 380 MM
ADJUSTABLE SPEED



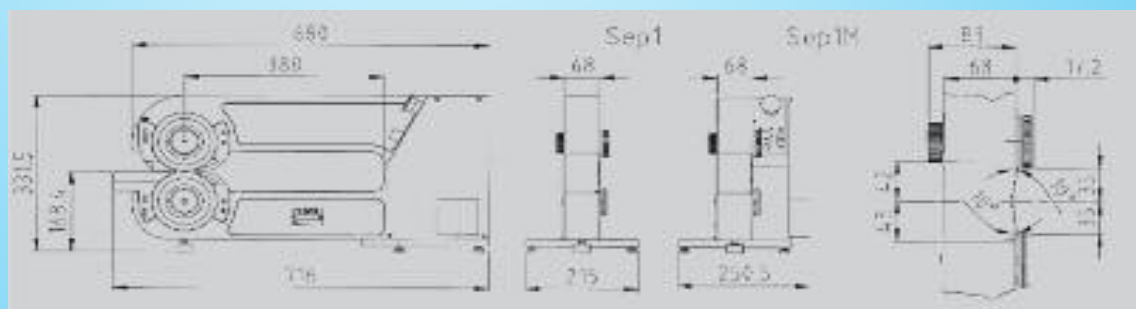
A: 1,0 - 3,2 MM

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

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 plated

104.0000 version is only supplied with titanium plated blades



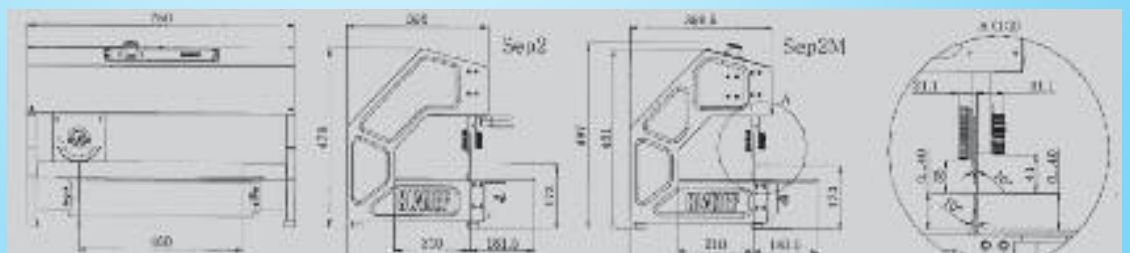
A: 1,0 - 3,2 MM

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 plated.

104.0001 and 104.0002 are only supplied with titanium plated blades



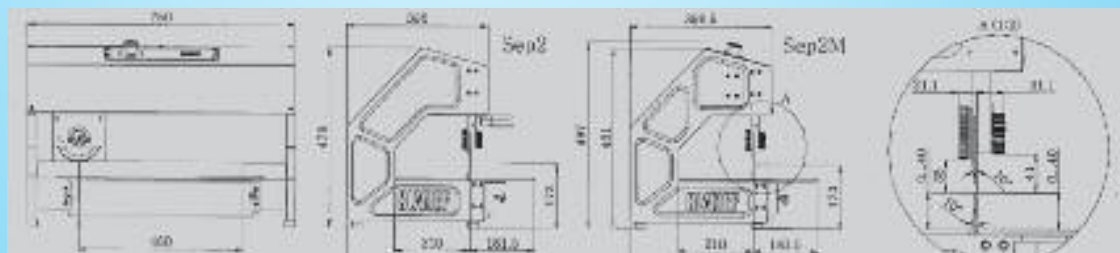
A: 1,0 - 3,2 MM

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		1060215	1,4	1,5
		1060220	1,9	2,0
		1060225	2,4	2,5
		1060230	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
REINFORCER – 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

109.0001 110 V.



109.0002 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

HEIGHT: 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 losing 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.





OLAMEF is one of the world's leading manufacturers of equipment for the electronic industry. Our company, located in the heart of the Italian industrial region, has been producing high quality lead forming equipment at economic values for over 40 years. Although many have tried to duplicate Olamef's Circle of Quality, the reliability, repeatability and continuous performance of this equipment are unmatched anywhere. These factors are substantiated as some of this equipment, used under demanding conditions, is still in use over 20 years. The modular system of this equipment allows the user to begin with elementary units and continue to graduate to more sophisticated operations by just adding additional components to the existing equipment. Yet the inherent quality is never sacrificed for the sake of enhanced production.

OLAMEF has an international network of distributors, all well trained in the uses and nuances of the OLAMEF lead forming machines. A highly skilled, factory based and trained technical support group is available to respond to any of your requirements, including special dies and modifications, often necessary in this ever changing technology. We at Olamef look forward to be of service to you.

*TOP ITALIAN MACHINE MANUFACTURER
FOR ELECTRONIC INDUSTRY*





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