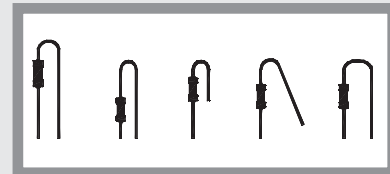
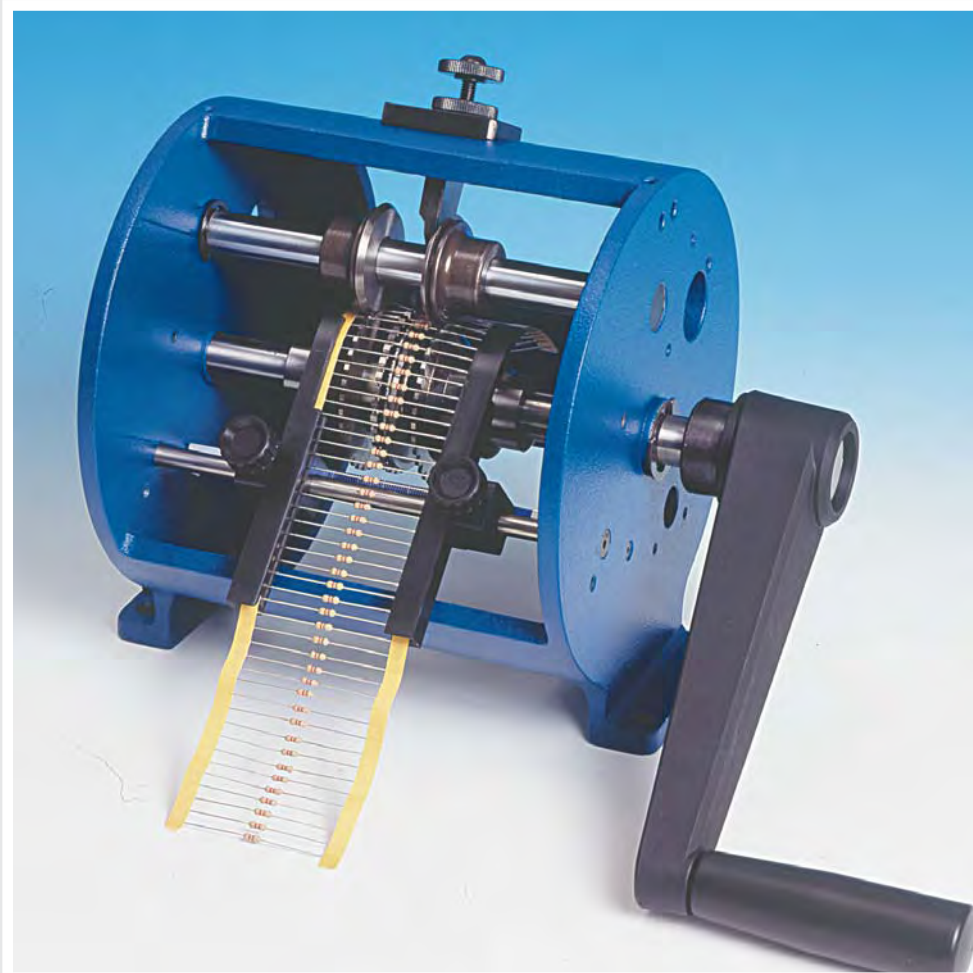


macchina taglia
piega componenti
assiali montaggio
verticale

TP6/V

cutting bending
machine for axial
components
vertical mounting



TP6/V con Porta Bobina BR6
TP6/V with Reel Holder BR6

DIAM. REOFORO = 0,5 - 0,8 mm
0,8 - 1,3 mm
PRODUZIONE = NASTRATO 50.000 p/h
SFUSO 5.000 p/h
LEAD DIA. = 0,5-0,8 mm - 0,8-1,3 mm
(.019- .031" - .031 - .051")
PRODUCTION = TAPED 50000 p/h
LOOSE = 5000 p/h



TP6/V con Motore MOT98 e
Caricatore CS30
TP6/V with MOT98 Motor and
CS30 Feeder

LUNG. = 23 cm
LARGH. = 18 cm
ALT. = 21 cm
IMBALLO = 39x25x26 cm
VOLUME = 0,025 m³
PESO MACCHINA = 5 kg
PESO LORDO = 6 kg



TP6/V con Espulsore Nastro
TNS
TP6/V with Tape Ejector TNS

LENGTH = 23 cm
WIDTH = 18 cm
HEIGHT = 21 cm
PACKING = 39x25x26 cm
VOLUME = 0,025 m³
MACHINE WEIGHT = 5 kg
GROSS WEIGHT = 6 kg

contapezzi per
componenti
assiali radiali
nastrati

COUNTY

counter for
taped axial and
radial
components



COUNTY lettura componenti radiali e assiali
COUNTY radial and axial tape reading

Il Contapezzi digitale a microcomputer esegue il conteggio di componenti nastrati assiali e radiali e componenti SMD con l'aggiunta dell'apposito adattatore.

Il conteggio può avvenire in entrambe le direzioni (destra o sinistra). E' dotato di divisore da 1 a 19.

Il conteggio può avvenire in modo TOTALIZZATORE o in modo PRESET, con allarme acustico al raggiungimento del numero di componenti desiderato.

Test di calibrazione e procedura di auto diagnosi.

Memoria ultimo valore contato e condizioni.

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.



ALIMENTAZIONE = 220V
LUNG. = cm 13
LARGH. = cm 24
ALT. = cm 12
IMBALLO = cm 24x32x18
VOLUME = m³0,013
PESO COUNTY = KG.3
PESO LORDO = KG.4

ELECT.SUPPLY = 220 or 110V
LENGTH = cm 13
WIDTH = cm 24
HEIGHT = cm 12
PACKING = cm 24x32x18
VOLUME = m³ 0,013
COUNTY WEIGHT = KG.3
GROSS WEIGHT = KG.4

VERSIONI COUNTY

COUNTY contapezzi 220 v.

50-60hz Cod. 8301.051

COUNTY contapezzi 220 v.

50-60hz con accumulatore e

relè ausiliario Cod. 8301.052

COUNTY contapezzi 220 v.

50-60hz con accumulatore,

relè ausiliario, uscita stampante,

orologio Cod. 8301.072

COUNTY contapezzi 110 v. 50-

60hz Cod. 8301.053

COUNTY contapezzi 110 v. 50-

60hz con accumulatore e relè

ausiliario Cod. 8301.054

COUNTY contapezzi 110 v. 50-

60hz con accumulatore, relè

ausiliario, uscita stampante,

orologio Cod. 8301.074



COUNTY con adattatore , supporto
Bobina SMD e maniglia
COUNTY with SMD tape adaptor,
support for rolled bandolier and handle
(Cod.8301.018 + Cod.8301.028
+ Cod. 8301.030)



COUNTY con Supporto Bobina,
maniglia e stampante
COUNTY with support for rolled
bandolier, handle and printer
(Cod.8301.023 + Cod. 8301.025
+ Cod. 8301.090)

COUNTY VERSIONS

COUNTY 220 v. 50-60hz

Cod. 8301.051

COUNTY 220 v. 50-60hz with accu-

lator and auxiliary relay

Cod. 8301.052

COUNTY 220 v. 50-60hz with

accumulator, auxiliary relay, printer

output, watch Cod. 8301.072

COUNTY 110 v. 50-60hz

Cod. 8301.053

COUNTY 110 v. 50-60hz with accu-

lator and auxiliary relay

Cod. 8301.054

COUNTY 110 v. 50-60hz with accu-

lator, auxiliary relay, printer out-

put, watch

Cod. 8301.074



COUNTY-S

Contapezzi motorizzata per SMD
Motorized counter for SMD
(Cod.8301.101 - 8301.103)

BOBINA VUOTA (Cod 8301.110)
Per avvolgimento temporaneo, in alluminio
Diametro int. 150 mm est. 350 mm
Facilmente caricabile
Altezza del nastro da 8 a 56 mm

EMPTY REEL(8301.110)
Aluminium made
Inner 150/outer 350 mm diameter
Easily chargeable
Height of the tape 8 to 56 mm

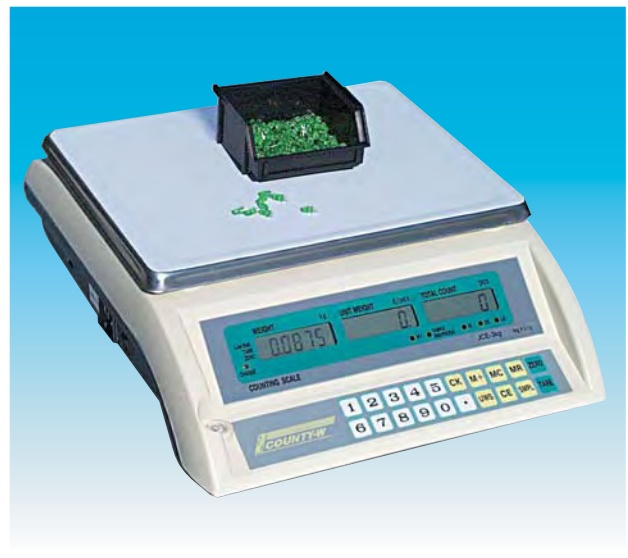


Display: 6 cifre a LED alta efficienza
Velocità massima di conteggio: 100 pz/sec
(1 comp. per foro)
Precisione: +/- 1 pezzo
Numero dei fori per componente: da 1 a 99
Altezza massima nastro: 56 mm
Diametro massimo bobina: 400 mm
Conteggio UP/DOWN
Memoria di accumulo dei totali parziali
Funzionamento in PRESET
Velocità di avanzamento regolabile
Avanzamento step by step: 1 componente per volta
Collegamento seriale RS232C con computer esterno o stampante di etichette
8301.101 COUNTY-S - 220/240V 50-60Hz
8301.103 COUNTY-S -110V 50-60Hz

Display: 6 digits
Maximum counting speed: 100/pcs/sec
1 piece per hole
Accuracy: +/- 1 piece
Holes per component: 1 to 99
Maximum tape height: 56 mm
Maximum reel diameter: 400 mm
UP/DOWN counting
Partial counting memory
PRESET MODE
Variable feeding speed
Step by step 1 component at a time
RS232C serial output for host computer or thermal Label printer
8301.101 COUNTY-S - 220/240V 50-60Hz
8301.103 COUNTY-S - 110V 50-60Hz

La County S esegue il conteggio di componenti SMD nastri. Il conteggio viene effettuato contando i fori del nastro di supporto. Vi sono due modalità di funzionamento: Totalizzatore: i componenti vengono contati a partire dallo zero, il movimento è motorizzato e la contapezzi si ferma automaticamente a fine nastro per non perdere il conteggio. Preselezione: viene impostato il numero di componenti desiderato e la contapezzi si porta automaticamente nella posizione corrispondente al numero di componenti selezionato. Tutte le funzioni della macchina sono guidate tramite messaggi sul display mentre lo stato di funzionamento è segnalato da led posti in corrispondenza del comando. Estremamente semplice è la gestione del movimento, le funzioni speciali sono raggruppate sulla tastiera in una sezione separata per evitare errori. La funzione memoria permette di accumulare i conteggi parziali di uno stesso componente, nonché di richiamare il valore totale in qualsiasi momento, senza perdere i dati reali del conteggio. L'indicazione del numero di passi per componente (fattore di divisione) è sempre presente, visualizzata su un display a due cifre.

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 loss of the actual counting data. Step number indication (division factor) is always present, showed on a two-digit display.



COUNTY W BILANCIA CONTAPEZZI - ALTA RISOLUZIONE
 NUOVO MODELLO
 COUNTY W COUNTING SCALE - HIGH RESOLUTION NEW
 MODEL

| Codice Model | cap. max | ris. display display res. | ris. int. int. res. | peso unit. min. min. unit weight |
|--------------|-----------|---------------------------|---------------------|----------------------------------|
| 8301.190 | 3.000 g. | 0,1 g. | 0,01 g. | 0,1 g. |
| 8301.191 | 6.000 g. | 0,2 g. | 0,02 g. | 0,2 g. |
| 8301.192 | 15.000 g. | 0,5 g. | 0,05 g. | 0,5 g. |
| 8301.193 | 30.000 g. | 1 g. | 0,1 g. | 1 g. |

OPTIONAL:

(da installare prima della spedizione - to be installed before shipment)

USCITA RS 232C - RS 232 C SERIAL OUTPUT

(Cod. 8301.195)

INTERFACCIA STAMPANTE - PRINTER INTERFACE

(Cod. 8301.196)

Bilancia elettronica digitale di alta qualità e precisione per uso nei magazzini, negli uffici, nei laboratori, non omologata per utilizzazione nei pubblici esercizi.

County with digital display for component counting. Its high quality and precision make it suitable for offices, stores and laboratories.

Caratteristiche tecniche:

Sistema: cella di carico strain gauge
 Display: a cristalli liquidi, 14mm retroilluminato

Alimentazione = 110-120-220-240 Vac
 50/60Hz

Batteria interna ricaricabile

Risoluzione display: 1/30.000

Risoluzione interna: 1/480.000

Dimensioni piatto: 334X245mm

Temperatura di esercizio: 0+40°C

Technical features:

System: strain gauge

Display: 3 groups of 14mm backlit LCDs

Main: 110-120-220-240Vac 50/60Hz

Internal rechargeable battery

Display resolution: 1/30.000

Internal resolution: 1/480.000

Plate size: 334X245mm

Operating temperature: 0+40°C .



STAMPANTE DI ETICHETTE

Stampante termica per etichette adesive.

Possibilità di stampare: Peso totale
 Peso unitario
 Quantità pesi

Alimentatore 110-230Vac e cavo di segnale inclusi

Per COUNTY W - Modello Stampante Codice 8301.223

Per COUNTY-S e COUNTY - Modello Stampante Codice 8301.090

ROTOLO Carta termica per Stampante (Cod. 8301.091) rotolo 20mt di carta termica adesiva. Può fornire, a seconda della quantità di dati, da 300 a 500 etichette.

THERMAL LABEL PRINTER

Thermo-Adhesive Label Printer.

With the possibility to print the following data:

Total weight

Unit weight

Total quantity

AC Adaptor 110-230Vac and data Cable included

for COUNTY W - Printer Model Code 8301.223

For COUNTY-S and COUNTY - Printer Model Code 8301.090

THERMO-ADHESIVE ROLL PAPER (Code 8301.091)

20m length. Depending on the quantity of data to be printed, it is possible to obtain 300 to 500 labels.

La stampante termica 8301.090 può essere collegata alle County-S modello 8301.101 - 8301.103 e alle County Modello 8301.072 e 8301.074

The thermo adhesive label printer 8301.090 can be attached to the County-S model 8301.101 - 8301.103 and also to Counters 8301.072 and 8301.074.

separator for
slotted pcb

SEP3

separatore per
schede preasolate



SEP3 code 106.0000 without blades

Compressed air pressure = 6 bar
Weight = Kg. 2

The thickness of the blade, to be ordered separately, must be specified on the order. We produce intermediate sizes on your demand.

Pressione aria = 6 bar

Peso = Kg. 2

Lo spessore delle lame, da richiedersi separatamente, deve essere specificato all'ordine. Le dimensioni intermedie possono essere prodotte su richiesta del cliente.

SEP3 off-cut remover separates slotted PCB. The off-cuts are collected into the machine and it is necessary to manually clean the machine regularly. The blades used for the separation of the PCB can be easily replaced.



BLADE/ LAMA:

STANDARD "L" blade - "L" = 5 mm
1060015 Thick. 1,4 - for 1,5 mm slot
1060020 Thick. 1,9 - for 2 mm slot
1060025 Thick. 2,4 - for 2,5 mm slot
1060030 Thick. 2,9 - for 3 mm slot



REINFORCED "L" blade - "L" = 9 mm
1060115 Thick. 1,4 - for 1,5 mm slot
1060120 Thick. 1,9 - for 2 mm slot
1060125 Thick. 2,4 - for 2,5 mm slot
1060130 Thick. 2,9 - for 3 mm slot



STANDARD "T" blade - "L" = 4,75 mm
1060215 Thick. 1,4 - for 1,5 mm slot
1060220 Thick. 1,9 - for 2 mm slot
1060225 Thick. 2,4 - for 2,5 mm slot
1060230 Thick. 2,9 - for 3 mm slot

SEP3 macchina pneumatica adatta al taglio di schede preasolate. Gli sfridi sono raccolti all'interno della macchina, ed è necessario pulire la macchina regolarmente. Sostituzione delle lame semplice ed economica.

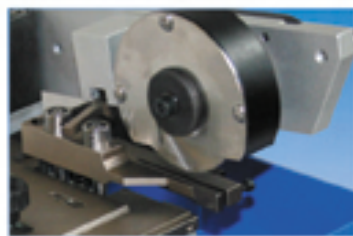
cut-off saw

SEP4

separatore strip



SEP4 code 109.0001-110 V
SEP4 code 109.0002-220 V



SEP4 Strips cutting machine. Quick and easy set up for various sizes. Line turning adjustments knob for header length of 1 to 32 pins. Hold down clamp for extract and sure positioning. DC motor with speed adjustment for optimal cutting efficiency, counter for keeping track of the number of component cut.

SEP4 macchina idonea al taglio di connettori strip. Facile regolazione per diverse dimensioni. Perno regolazione per lunghezze da 1 a 32 pins. Fermo a bloccaggio per una corretta posizione. Motore DC con regolazione velocità. Munita di contatore per mantenere riferimento del numero di pezzi tagliato.

BLADE:

Material = HSS
Outer dia. = 63 mm
Thickness = 0,25 mm

STRIP DIM. :

Width max = 12 mm
Height max = 8 mm
Length of cut = 1-32 pin

- Power source = 110/220 v
- Weight = Kg. 10

LAMA:

Materiale = HSS
Diametro esterno = 63 mm
Spessore = 0.25 mm

DIMENSIONI STRIP :

Larghezza max = 12 mm
Altezza max = 8 mm
Lungh. di separazione = 1-32 pin

- Alimentazione = 110/220 v
- Peso = Kg.10

manual or
motorized
pc board
separator

SEP1 SEP1M

macchina
manuale
o motorizzata
per separazione
schede



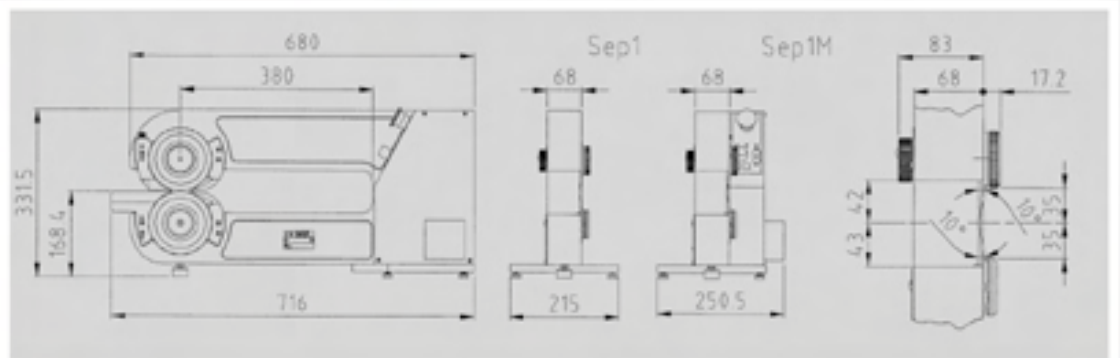
SEP1 code 100.0000

SEP1M code 100.0001 = 110 v
SEP1M code 100.0002 = 220 v

packing = 80x32x42
machine weight =
SEP1 kg. 24
SEP1M kg. 27
gross weight =
SEP1 kg. 27
SEP1M kg. 30
SEP1M elect.supply =
220v/110v - 50hz - 80va

imballo = 80x32x42
peso macchina =
SEP1 kg. 24
SEP1M kg. 27
peso lordo =
SEP1 kg. 27
SEP1M kg. 30
SEP1M alimentazione =
220v/110v - 50hz - 80va

separation length 380 mm
lunghezza separazione 380 mm
adjustable speed
velocita' variabile



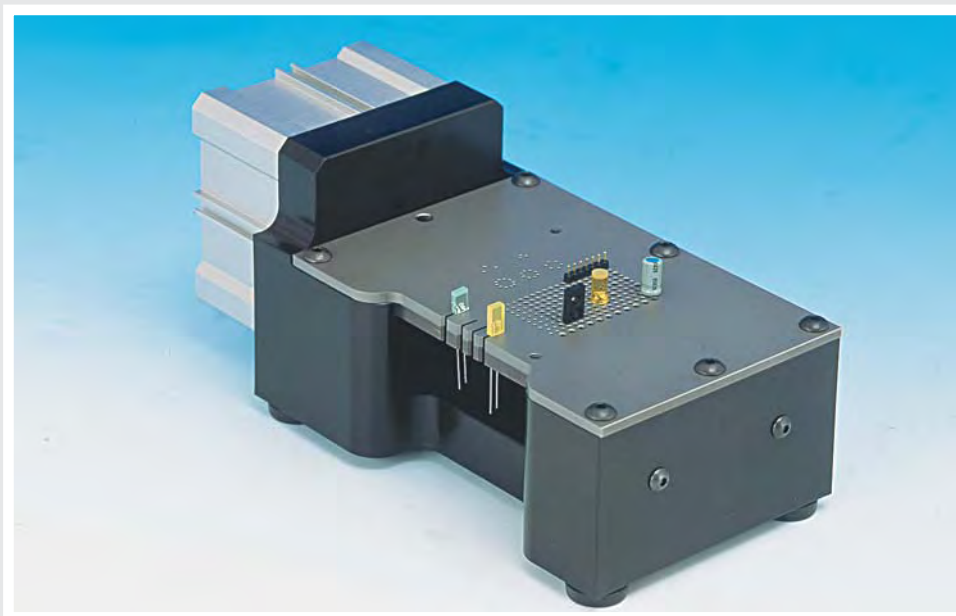
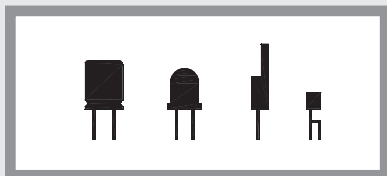
Manual or motorized machine suitable to separate pre-assembled Electronic Board. Precise, reliable and safe. The PCB is manually fed between the lower and upper blades using the scoring as reference. By pushing the board horizontally, the blade rotation starts offering in a sharp and accurate cut. The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

Macchina manuale o motorizzata per la separazione di schede elettroniche pre-assemblate. Precisa, sicura, affidabile. La scheda viene manualmente inserita fra la lama inferiore e quella superiore usando lo scoring come riferimento, spingendo la scheda in senso orizzontale si esegue il taglio in modo netto ed accurato. La posizione della lama superiore è regolabile in modo da stabilire la distanza necessaria fra le due lame.

macchina
pneumatica
taglia
componenti
radiali sfusi

TP/LN 100

pneumatic
cutting machine
for loose
radial
components



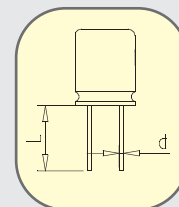
LUNG. = 21 cm
LARGH. = 10 cm
ALT. = 10 cm
IMBALLO = 39x25x26 cm
VOLUME = 0,025 m³
PESO MACCHINA = 3 kg
PESO LORDO = 5 kg

LENGTH = 21 cm
WIDTH = 10 cm
HEIGHT = 10 cm
PACKING = 39x25x26 cm
VOLUME = 0,025 m³
MACHINE WEIGHT = 3 kg
GROSS WEIGHT = 5 kg

DIAM. REOFORO = 0,3 - 1 mm
PRODUZIONE = 3.000 p/h
LEAD DIA. = 0,3 - 1 mm (.011-.039")
PRODUCTION = 3.000 p/h

TP/LN-100
area di lavoro 45x54 mm
cutting area 45x54 mm (1.77 x2.12")
(Cod.36.OL01)

| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| L | | | 3,2 | | | .125 |
| d | 0,3 | 1 | | .011 | .039 | |



La macchina pneumatica TP/LN-100 é utilizzata per tagliare i reofori dei componenti radiali sfusi. Essa é stata concepita per adattarsi ad una grandissima varietà di componenti radiali, di qualsiasi passo e forma.

La piastra superiore determina l'altezza del taglio, standard a 3,2mm. Piastrine addizionali a partire da 0,5mm possono essere fornite, a richiesta del cliente, per variare tale quota.

Il pedale pneumatico comanda la corsa della piastra inferiore, che effettua rapidamente il taglio dei reofori, senza alcuno stress per i componenti.

Le piastre sono predisposte con foratura standard. Piastre speciali per componenti, passi o diametri particolari possono essere fornite a richiesta.

Tagli laterali ai passi più consueti consentono di trattare con estrema facilità anche reofori deformati.

The pneumatic machine TP/LN-100 is used for cutting the leads of loose radial components. It was designed to adapt to a very wide range of radial parts.

The upper stationary plate determines the cutting height; the standard is = 3,2mm (.125 inc.). Additional plates to increase this height can be supplied upon request, starting from 0,5 mm (.019 inc.).

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.

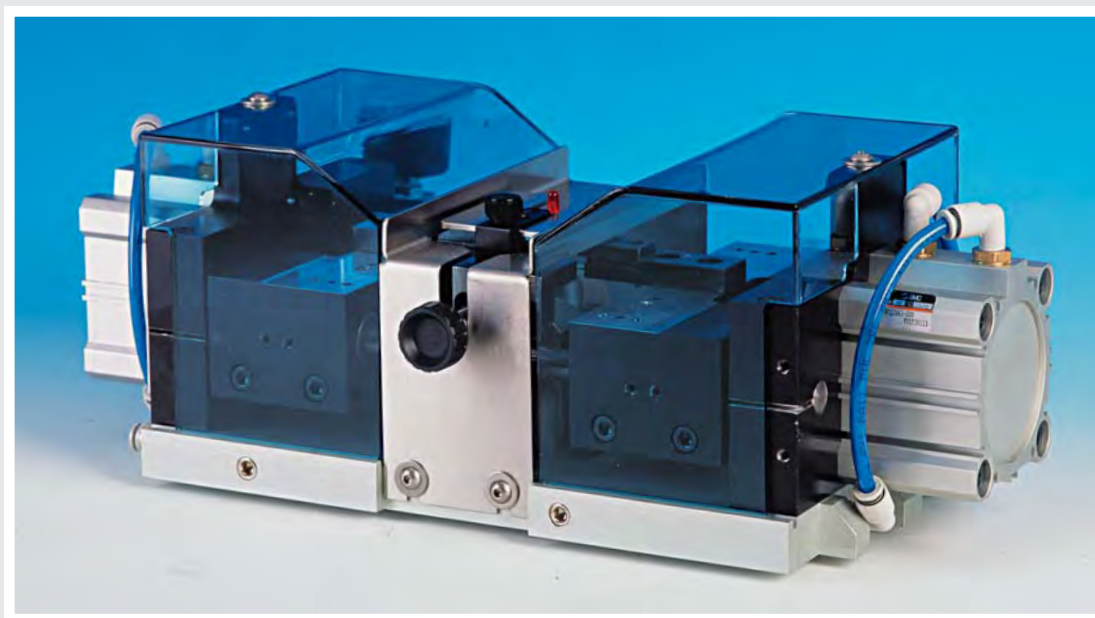
The plates have a standard grid pattern, to accommodate most types of components. Plates with special grid pattern can be provided upon request.

Lateral cuts at most common pitches allow to easily handle warped leads.

macchina
pneumatica
taglia forma
componenti
radiali sfusi

TP/TS1

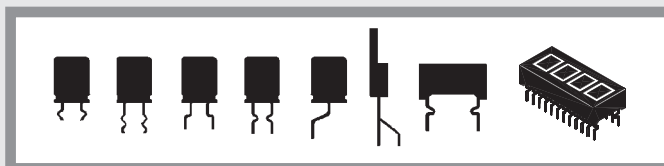
pneumatic
cutting forming
machine
for loose radial
components



TP/TS1 senza matrici di preformatura (Cod. 18.0000)
TP/TS1 without preforming die (Cod. 18.0000)

LUNG. = 39 cm
LARGH. = 23 cm
ALT. = 14 cm
IMBALLO = 45x40x27 cm
VOLUME = 0,0486 m³
PESO MACCHINA = 13 kg
PESO LORDO = 14 kg

LENGTH = 39 cm
WIDTH = 23 cm
HEIGHT = 14 cm
PACKING = 45x40x27 cm
VOLUME: 0,0486 m³
MACHINE WEIGHT = 13 kg
GROSS WEIGHT = 14 kg



DIAM. REOFORO = 0,3-1,2mm.
PRODUZIONE = 2.000 p/h
LEAD DIA. = 0,3-1,2 mm.
PRODUCTION = 2.000 p/h

Il nuovo modello TP/TS1 è una macchina pneumatica progettata per tagliare e formare i reofori dei componenti radiali sfusi. Sulla base dell'esperienza acquisita con la conosciutissima macchina TP/SC4 abbiamo utilizzato sistemi di movimentazione meccanica ancora più robusti, precisi ed affidabili nel tempo.

L'avanzamento dei punzoni esterni, che effettuano la lavorazione sui reofori del componente viene comandato da un pedale pneumatico.

Le dimensioni della macchina consentono anche la lavorazione di componenti molto ingombranti (Massima lunghezza 140mm, Passo massimo 45mm). La TP/TS1 può realizzare moltissime forme standard e molte altre speciali si possono realizzare su indicazione del cliente.

The new model TP/TS1 is a pneumatic machine designed to cut and form the leads of loose radial components.

On the ground of the experience matured with the very well known TP/SC4 machine we have used still more strong, precise and reliable mechanical movement systems.

The feed of the outer punches which perform the operation on the component lead is controlled by the pneumatic foot pedal.

The machine dimensions allow also to form very large components (Maximum length 140mm, Maximum Pitch 45mm).

The TP/TS1 can operate many different forms and many other special ones can be manufactured on customer instructions.

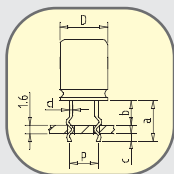
gruppi matrici per le macchine TP/SC4 e TP/TS1

die assemblies for TP/SC4 and TP/TS1 machines

160600/180600

DOPPIA ANSA/BLOCCAGGIO SU SCHEDA
STAND OFF-LOCK IN/DOUBLE KINK

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

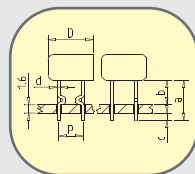


| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 15 | | .196 | .590 | |
| b | 2 | 12 | | .078 | .472 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161100/181100

PONTE DIODO A 4 REOFORI
DIODE BRIDGE 4 LEADS

P.5,08 mm (.2")

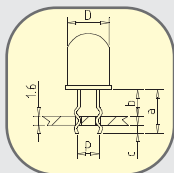


| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 14 | | .236 | .551 | |
| b | 4 | 12 | | .157 | .472 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

160700/180700

DOPPIA ANSA LED/BLOCCAGGIO SU SCHEDA
STAND OFF-LOCK IN LED/DOUBLE KINK

P.2,54 mm (.1")

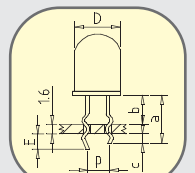


| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 15 | | .196 | .590 | |
| b | 2 | 12 | | .078 | .472 | |
| c | | | 1,4 | | | .055 |
| D | 2 | 5 | | .078 | .196 | |

161200/181200

POLARITA'
POLARITY

P.2,54 mm (.1")

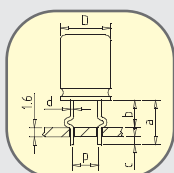


| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 15 | | .196 | .590 | |
| b | 2 | 12 | | .078 | .472 | |
| c | | | 1,4 | | | .055 |
| D | 2 | 5 | | .078 | .196 | |
| E | | | 2,4 | | | .094 |

160800/180800

ANSA ESTERNA IN APPOGGIO SU SCHEDA
STAND OFF-KINK OUTWARD

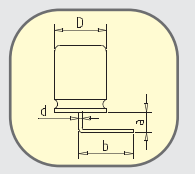
P:=2 - 2,54 - 5,08 - 7,62 - 10,16 mm (.78 - .1 - .2 - .3 - .4")



| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | 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 | |

161300/181300

PIEGA A 90°
90° BENDING

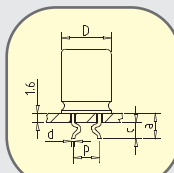


| | MM | | | INCH | | |
|-----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 3 | 8 | | .118 | .314 | |
| b* | | | 6 | | | .236 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D* | 1 | 15 | | .039 | .590 | |

160900/180900

CORPO A BATTUTA/BLOCCAGGIO SU SCHEDA
BODY LOCKED ON P.C.BOARD

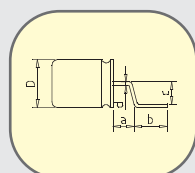
P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 - .2 - .3 - .4")



| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | 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 | |

161400/181400

MONTAGGIO IN SUPERFICIE
SURFACE MOUNTING

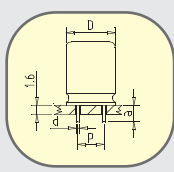


| | MM | | | INCH | | |
|-----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 2,5 | 8 | | .098 | .314 | |
| b* | | | 2 | | | .078 |
| c* | | | 2,5 | | | .098 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D* | 1 | 15 | | .039 | .590 | |

161000/181000

SOLO TAGLIO
STRAIGHT CUT

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

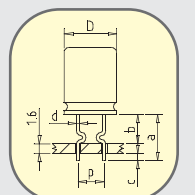


| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|-----|
| | min | max | fix | min | max | fix |
| a | 3 | 13 | | .118 | .511 | |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161500/181500

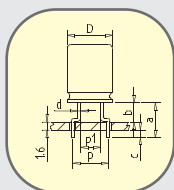
APPOGGIO ANSA INTERNA
STAND OFF/KINK INWARD

P:=2 - 2,54 - 5,08 - 7,62 - 10,16 mm (.78 - .1 - .2 - .3 - .4)



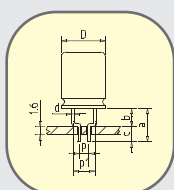
| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 16 | | .236 | .629 | |
| b | 3 | 13 | | .118 | .511 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161700/181700
CAMBIO PASSO IN AUMENTO
TO SPREAD OUT AND CUT



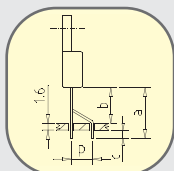
| | MM | | | INCH | | |
|------------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 8 | | .196 | .314 | |
| b | 2 | 5 | | .078 | .196 | |
| c | | | 1,4 | | | .055 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |
| p1* | | | 2,54 | |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

161800/181800
CAMBIO PASSO IN DIMINUZIONE
TO REDUCE PITCH AND CUT



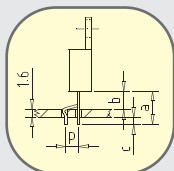
| | MM | | | INCH | | |
|------------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 8 | | .196 | .314 | |
| b | 2 | 5 | | .078 | .196 | |
| c | | | 1,4 | | | .055 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |
| p1* | | | 5,08 | |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

162100/182100
TO-220 REOFORO CENTRALE SPOSTATO
TO-220 CENTRAL LEAD SPREAD AND CUT



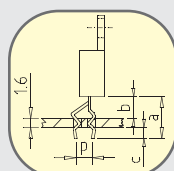
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | | 2,54 | | | .1 |

162200/182200
TO-220 REOFORO CENTRALE SPOSTATO E ANSA
BLOCCAGGIO
TO-220 CENTER LEAD SPREAD AND LOCK



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

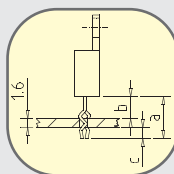
162300/182300
TO-220 REOFORO CENTRALE SPOSTATO/DOPPIA
ANSA SU TRE REOFORI
TO-220 CENTER LEAD SPREAD/3 LEAD LOCK



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

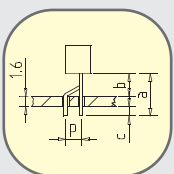
*quota da comunicare all'ordine
*quote to be specified upon order

162400/182400
TO-220 DOPPIA ANSA SU TRE REOFORI IN LINEA
TO-220 DOUBLE KINK ON THREE LEAD - IN LINE



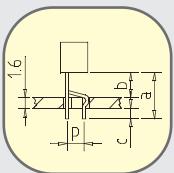
| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 11 | | .236 | .433 | |
| b | 3 | 8 | | .118 | .314 | |
| c | | | 1,4 | | | .055 |

162500/182500
TO-92 REOFORO CENTRALE SPOSTATO
TO-92 CENTER LEAD SPREAD



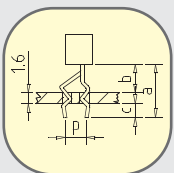
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | | 1,27 | | | .05 |

162600/182600
TO-92 REOFORO CENTRALE SPOSTATO/
ANSA BLOCCAGGIO
TO-92 CENTER LEAD SPREAD AND LOCK



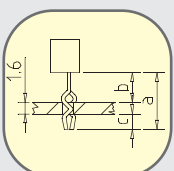
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | | 1,27 | | | .05 |

162700/182700
TO-92 REOFORO CENTRALE SPOSTATO/DOPPIA
ANSA SU TRE REOFORI
TO-92 CENTER LEAD SPREAD/THREE LEAD LOCK



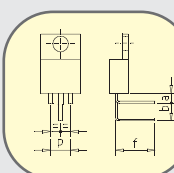
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | | 1,27 | | | .05 |

162800/182800
TO-92 DOPPIA ANSA SU TRE REOFORI/IN LINEA
TO-92 STAND OFF-LOCK IN/THREE LEAD IN LINE



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

163100/183100
TO-220 PIEGA 90° REOFORO CENTRALE SPOSTATO
TO-220 90° BENDING CENTER LEAD OFF SET



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

macchina
taglia forma
transistor
da stecca

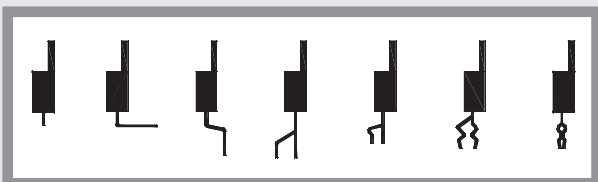
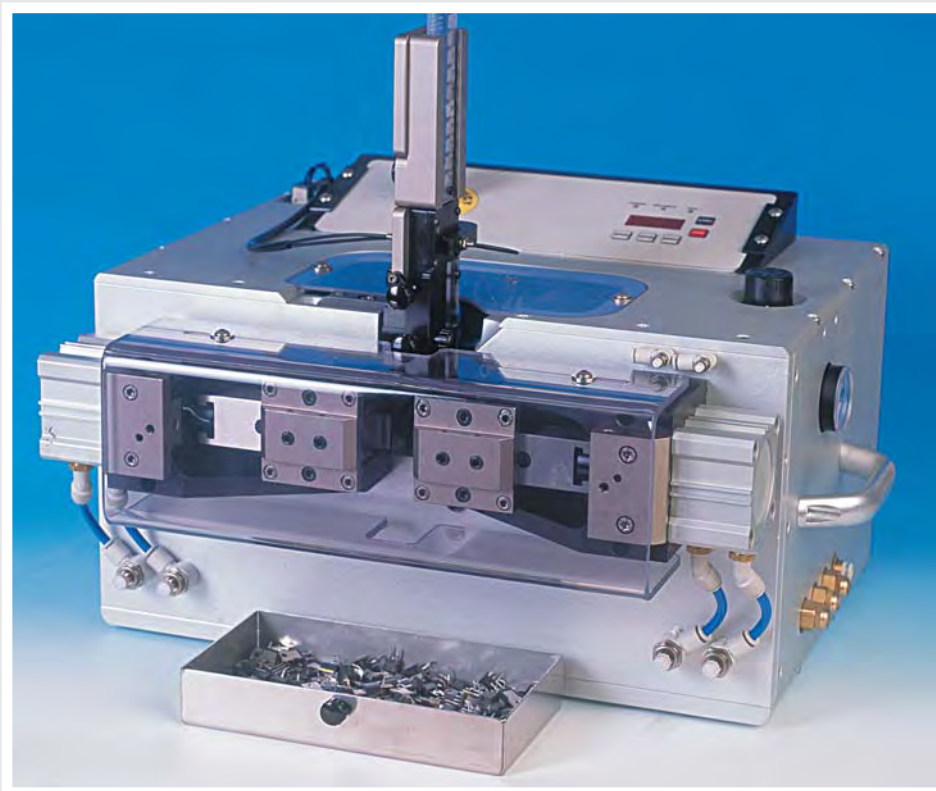
**TP
TO-CF**

cutting forming
machine for
transistor in tube

ALIMENTAZIONE= 220V - 50Hz - 50 VA
LUNG. = 39 cm
LARGH. = 55 cm
ALT. = 31 cm
IMBALLO = 60x60x50 cm
VOLUME = 0,18m³
PESO MACCHINA = 28 kg
CASSA LEGNO = 40 kg

ELECT. SUPPLY= 220V - 110- 50Hz- 50VA
LENGTH = 39 cm
WIDTH = 55 cm
HEIGHT = 31 cm
PACKING = 60x60x50 cm
VOLUME: 0,18 m³
MACHINE WEIGHT = 28 kg
WOODDEN CASE = 40 kg

PRODUZIONE = 2.500 p/h
PRODUCTION = 2.500 p/h



TP/TO-CF SENZA MATRICI, PINZA E PORTA STECCA
TP/TO-CF WITHOUT DIES, CLAMPING ASSEMBLY AND TUBE
HOLDER
(Cod. 12.OL01 110V - 12.OL02 220V)

La TP/TO-CF è una nuova macchina automatica utilizzata per eseguire il taglio e la forma ai transistor in stecca (TO-220, TO-218, TO-126).

Le lavorazioni vengono impostate e controllate tramite un PLC.

L'operazione è completamente automatica e ciascuna forma richiede matrici dedicate e ciascuna tipologia di transistor necessita di una pinza e di un portastecca specifici.

La stecca piena di componenti viene inserita nella guida superiore e un sistema pneumatico permette il bloccaggio ed il posizionamento del componente al punto di lavoro.

Successivamente al bloccaggio dei reofori mediante premifilo, le matrici scorrevoli effettuano la lavorazione. Tutte le parti meccaniche scorrono su guide precise e la macchina risulta estremamente robusta ed affidabile nel tempo.

TP/TO-CF is a new automatic machine designed to cut and form transistors in tube (TO-220, TO-218, TO-126).

All operations are controlled by a PLC. The complete operation is fully automatic and each form needs dedicated die as well as each type of transistor requires dedicated clamping assembly and tube holder.

The full stich is introduced into the upper guide and a pneumatic system allows the component clamping and its positioning in the working point.

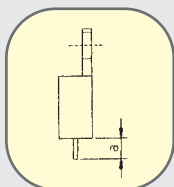
After the leads have been locked by the wire holder, the sliding die performs the operation.

All mecahnical parts slide on precise guides and the machine results extremely sturdy and reliable in time.

gruppi matrici
per la macchina
TP/TO-CF

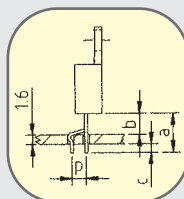
die assemblies
for TP/TO-CF
machine

121000
SOLO TAGLIO
STRAIGHT CUT



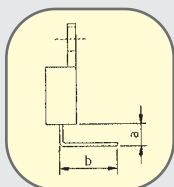
| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|-----|
| | min | max | fix | min | max | fix |
| a | 3 | 13 | | .118 | .511 | |

122200
REOFORO CENTRALE SPOSTATO
E ANSA A BLOCCAGGIO
CENTER LEAD SPREAD AND LOCK



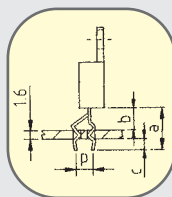
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | | 2,54 | | | .1 |

121300
PIEGA A 90°
90° BENDING



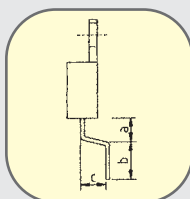
| | MM | | | INCH | | |
|-----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 3 | 8 | | .118 | .314 | |
| b* | | | 6 | | | .236 |

122300
REOFORO CENTRALE SPOSTATO
DOPPIA ANSA SU TRE REOFORI
CENTER LEAD SPREAD/3 LEAD LOCK



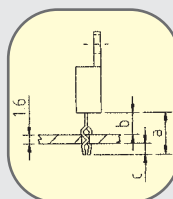
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | | 2,54 | | | .1 |

121400
MONTAGGIO IN SUPERFICIE
SURFACE MOUNTING



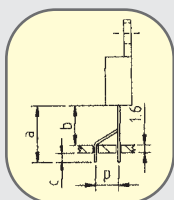
| | MM | | | INCH | | |
|-----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 2,5 | 8 | | .098 | .314 | |
| b* | | | 2 | | | .078 |
| c* | | | 2,5 | | | .098 |

122400
DOPPIA ANSA SU TRE REOFORI IN LINEA
DOUBLE KINK ON THREE LEAD - IN LINE



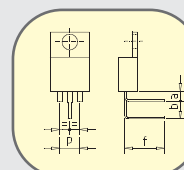
| | MM | | | INCH | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 11 | | .236 | .433 | |
| b | 3 | 8 | | .118 | .314 | |
| c | | | 1,4 | | | .055 |

122100
REOFORO CEONTRALE SPOSTATO E TAGLIO
CENTRAL LEAD SPREAD AND CUT



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

123100
PIEGA 90° REOFORO CENTRALE SPOSTATO
90° BENDING CENTER LEAD OFF SET



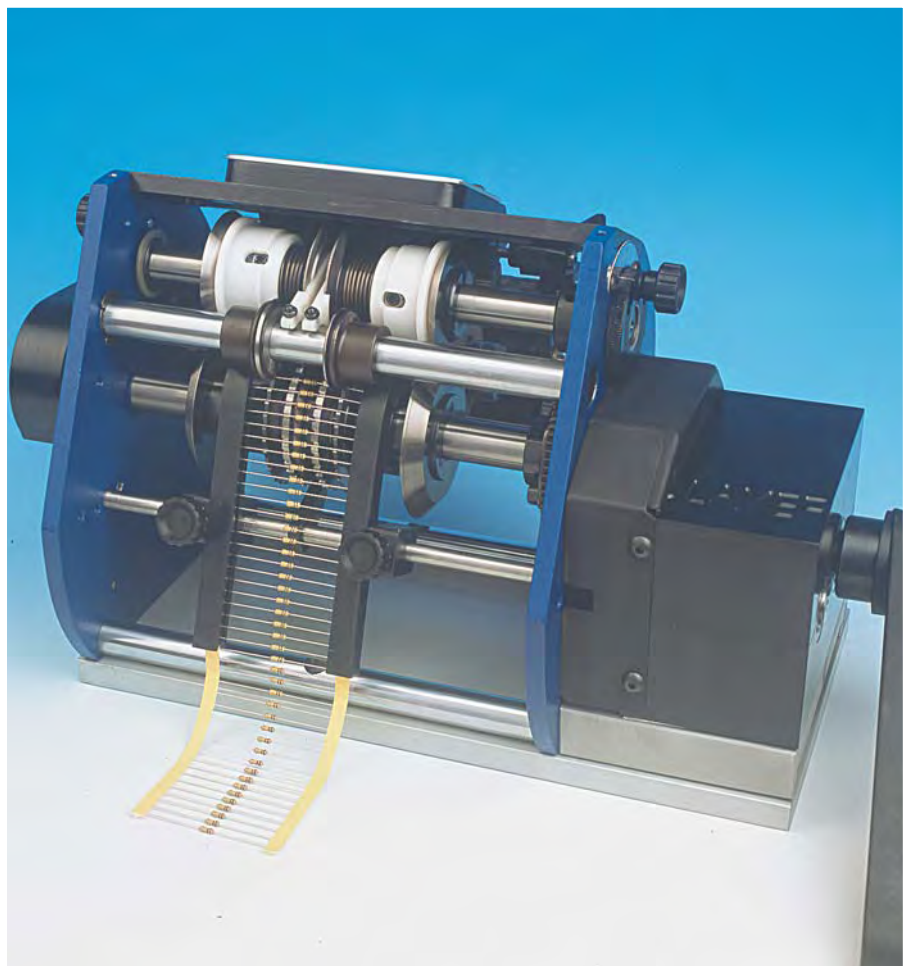
| | MM | | | INCH | | |
|-----------|-----|-----|------|------|------|------|
| | min | max | fix | min | max | fix |
| a | 3 | 5 | | .118 | .196 | |
| b* | | | 5 | | | .196 |
| f* | | | 6 | | | .216 |
| p | | | 5,08 | | | .2 |

*quota da comunicare all'ordine
*quote to be specified upon order

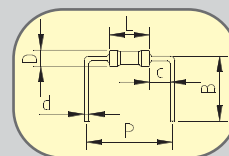
macchina taglia
piega forma
componenti
assiali

TP6 PR-F

cutting bending
forming
machine for axial
components



Gruppo piega a "U"
per 43.0L01 e 43.0L02
"U" bending only
for 43.0L01 and 43.0L02
(Cod. 420650)



| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | 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 con Porta Bobina BR6
TP6/PR-F with Reel Holder BR6

DIAM. REOFORO mm 0,5 - 0,9
mm 0,8 - 1
mm 1 - 1,3
PRODUZIONE = NASTRATO 7.000 p/h
SFUSO 5.000 p/h
LEAD DIA mm 0,5 - 0,9 (.019 .035)
mm 0,8 - 1 (.031 .039)
mm 1 - 1,3 (.039 .051)
PRODUCTION = TAPED 7000 p/h
LOOSE 5000 p/h



TP6/PR-F con Motore
MOT98/A e Caricatore CS40
TP6/PR-F with MOT98/A Motor
and CS40 Feeder

LUNG. = 49 cm
LARGH. = 24 cm
ALT. = 22 cm
IMBALLO = 41x31x28 cm
VOLUME = 0,035 m³
PESO MACCHINA = 14 kg
PESO LORDO (cassa di legno) = 22 kg



Vista posteriore TP6/PR-F con
Espulsore TNS
Back View TP6/PR-F with
Ejector TNS

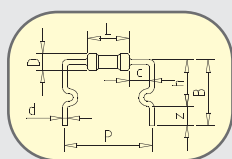
LENGTH = 49 cm
WIDTH = 24 cm
HEIGHT = 22 cm
PACKING = 41x31x28 cm
VOLUME = 0,035 m³
MACHINE WEIGHT = 14 kg
GROSS WEIGHT (wooden case) = 22 kg

Il modello TP6/PR-F é utilizzato per formare componenti assiali nastrati. E' disponibile in tre versioni a seconda del diametro del reoforo del componente : da 0,5 a 0,9 mm - da 0,8 a 1 mm e da 1 a 1,3 mm. Insieme alla TP6/PR-F deve essere ordinato uno o diversi gruppi di preformatura, idonei per tale versione, a scelta del cliente e dipendentemente dalle forme che si desiderano realizzare. E' possibile ottenere forme speciali su disegno e specifiche del cliente. La qualità ed affidabilità di questa macchina consentono di operare per anni senza rischi di usura e pochi interventi di manutenzione, consigliata per la pulizia dei dischi dentati. Alla TP6/PR-F può essere applicato il Caricatore per componenti sfusi CS40, con una semplice e rapida operazione. L'applicazione del gruppo di motorizzazione MOT98/A, a velocità variabile azionabile anche con pedale, consente di automatizzare la lavorazione sia su componenti nastrati sia sfusi. Se si lavora nastro in bobina si consiglia di utilizzare il BR6: braccio porta bobina. La macchina TP6/PR-F viene sempre fornita con l'accessorio TNS, espulsore nastro di scarto.

The model TP6/PR-F is designed for cutting, and forming taped axial components. There are three versions available depending on the lead diameter of the component: 0,5 to 0,9 mm -0,8 to 1 mm and 1 to 1,3 mm. There are several choices of die assemblies designed for each one of the three versions of the machine. These assemblies need to be ordered separately according to the form required. It is possible to obtain special forms, supplying OLAMEF with drawings and specifications. The high quality and reliability of this machine ensure the best operation for a very long time. Maintenance is mainly performed by cleaning the discs. The CS40 loose component feeder is an accessory that attaches to the TP6/PR-F to handle loose parts. Its assembly to the machine is quick and easy. The Motor drive unit MOT98/A driving with foot pedal also, and adjustable speed, will make the operation automatic with both taped and loose components. When working with components on tape and reel we suggest the use of the BR6 reel holder. The TNS, that helps with the ejection of the waste tape is always supplied with this model.

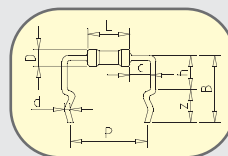
TP6/PR-F/1 - Standard 43.0L01

GRUPPO ANSA
IN APPOGGIO 2,5 mm
WITH STAND OFF ASSEMBLY
(Cod.420800)



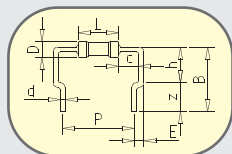
| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | min | max | min | max |
| P | 10.16 | 60.96 | .4 | 2.4 |
| L | | 50 | | 1.968 |
| c | 1,2 | | .047 | |
| h | 6 | 9 | .236 | .354 |
| B | 8 | 11 | .314 | .433 |
| d | 0,5 | 0,9 | .019 | .035 |
| D | 0,5 | 8 | .019 | .314 |
| z | 2 | 4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

GRUPPO ANSA
A BLOCCAGGIO
WITH LOCK IN ASSEMBLY
(Cod.420850)



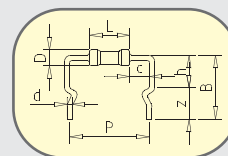
| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | min | max | min | max |
| P | 10.16 | 60.96 | .4 | 2.4 |
| L | | 50 | | 1.023 |
| c | 1,2 | | .047 | |
| h | 4,5 | 8 | .177 | .314 |
| B | 7,5 | 11 | .295 | .433 |
| d | 0,5 | 0,8 | .019 | .031 |
| D | 0,5 | 8 | .019 | .314 |
| z | 3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

GRUPPO PASSO
IN DIMINUZIONE
WITH REDUCED PITCH
ASSEMBLY
(Cod.420900)



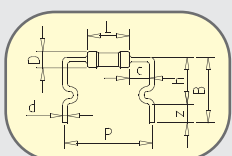
| | MM | | INCH | |
|----------|------|-------|------|-------|
| | min | max | min | max |
| P | 7,62 | 58,42 | .3 | 2.3 |
| L | | 50 | | 1.968 |
| c | 1,2 | | .047 | |
| h | 5 | 9 | .196 | .354 |
| B | 7 | 11 | .275 | .433 |
| d | 0,5 | 0,9 | .019 | .035 |
| D | 0,5 | 8 | .019 | .314 |
| z | 2 | 4 |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

GRUPPO ANSA
A BLOCCAGGIO
WITH LOCK IN ASSEMBLY
(Cod.420950)



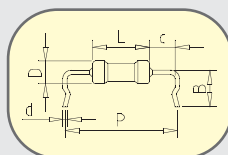
| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | min | max | min | max |
| P | 10.16 | 60.96 | .4 | 2.4 |
| L | | 50 | | 1.968 |
| c | 1,2 | | .047 | |
| h | 4,5 | 8 | .177 | .314 |
| B | 7,5 | 11 | .295 | .433 |
| d | 0,6 | 0,9 | .023 | .035 |
| D | 0,6 | 8 | .023 | .314 |
| z | 3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

GRUPPO ANSA
IN APPOGGIO 3 mm
WITH STAND OFF ASSEMBLY
(Cod.420750)



| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | 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 |

GRUPPO CORPO A BATTUTA
WITH BODY LOCKED ON PCB
(Cod.421000)



| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | 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 |

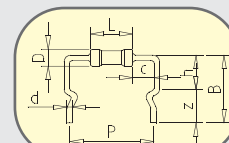
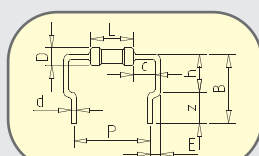
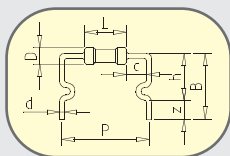
TP6/PR-F/2
rinforzata
43.OL02

TP6/PR-F/2
reinforced
43.OL02

GRUPPO ANSA
IN APPOGGIO 3 mm
WITH STAND OFF ASSEMBLY
(Cod.420750)

GRUPPO PASSO
IN DIMINUZIONE
WITH REDUCED PITCH
ASSEMBLY
(Cod.420900)

GRUPPO ANSA
A BLOCCAGGIO
WITH LOCK IN ASSEMBLY
(Cod.420950)



| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | 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 |

| | MM | | INCH | |
|----------|------|-------|------|-------|
| | 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 | |

| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | 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 |

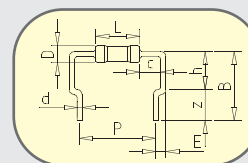
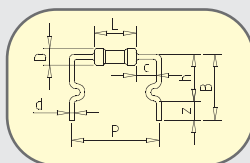
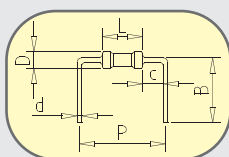
TP6/PR-F/3
extra rinforzata
43.OL03

TP6/PR-F/3
extra reinforced
43.OL03

GRUPPO PIEGA A "U"
"U" BENDING ONLY
(Cod.430650)

GRUPPO ANSA
IN APPOGGIO
WITH STAND OFF ASSEMBLY
(Cod.430700)

GRUPPO PASSO
IN DIMINUZIONE
WITH REDUCED PITCH
ASSEMBLY
(Cod.430900)



| | MM | | INCH | |
|----------|------|-------|------|-------|
| | 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 |

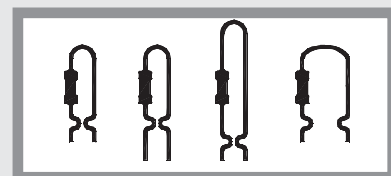
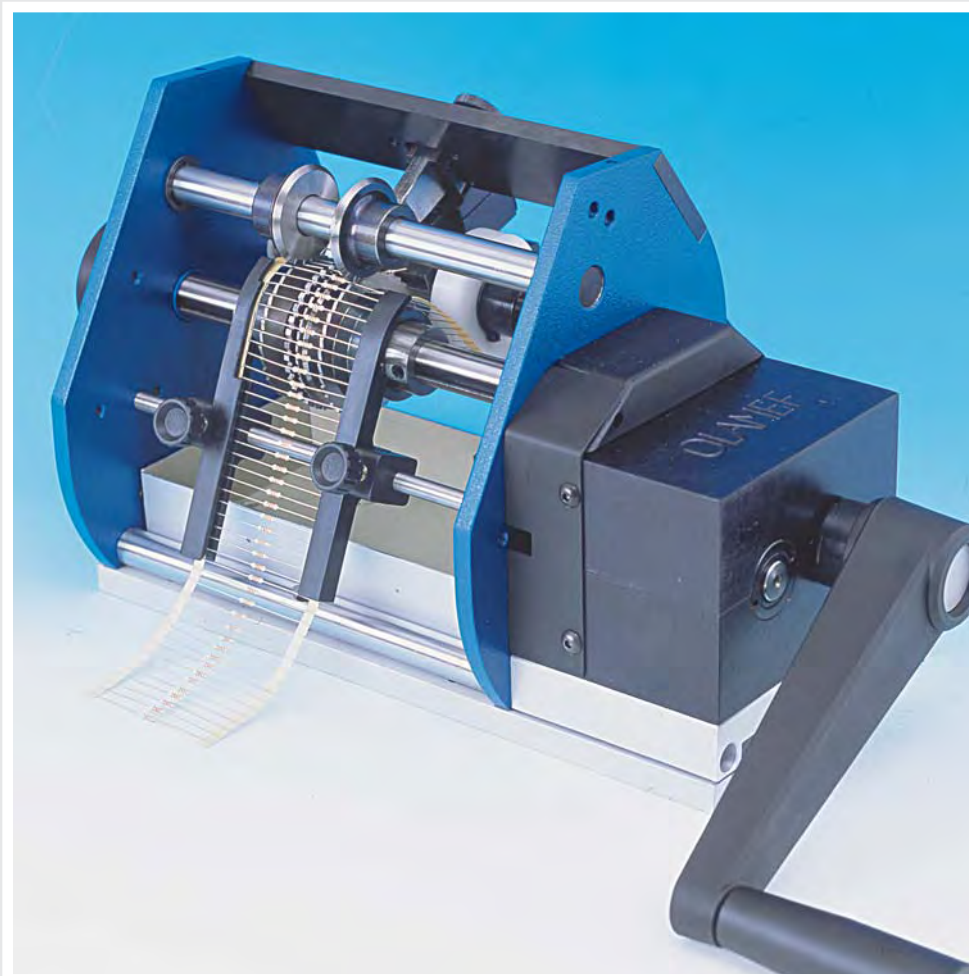
| | MM | | INCH | |
|----------|------|-------|------|-------|
| | min | max | min | max |
| P | 12.7 | 60.96 | .5 | 2.4 |
| L | | 50 | | 1.968 |
| c | 2,5 | | .098 | |
| h | 11 | 16 | .433 | .629 |
| B | 13 | 18 | .511 | .708 |
| d | 1 | 1,3 | .039 | .051 |
| D | 1 | 8 | .039 | .314 |
| z | 2 | 4 |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

| | MM | | INCH | |
|----------|-------|-------|------|-------|
| | 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 | |

macchina taglia
piega forma
componenti
assiali montaggio
verticale

TP6 V-PR

cutting bending
forming machine
for axial
components
vertical mounting



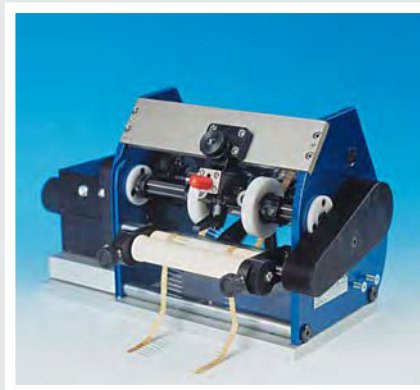
TP6/V-PR con Porta Bobina BR6
TP6/V-PR with Reel Holder BR6

DIAM. REOFORO = 0,5 - 0,8 mm
PRODUZIONE = NASTRATO 7.000 p/h
SFUSO 5.000 p/h
LEAD DIA. = 0,5-0,8 mm (.019-.031")
PRODUCTION = TAPED 7000 p/h
LOOSE 5000 p/h



TP6/V-PR con Motore MOT98/A e
Caricatore CS20
TP6/V-PR with MOT98/A Motor
and CS20 Feeder

LUNG. = 49 cm
LARGH. = 18 cm
ALT. = 22 cm
IMBALLO = 41x31x28 cm
VOLUME = 0,035 m³
PESO MACCHINA = 11 kg
PESO LORDO = 12 kg



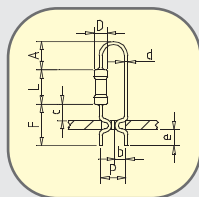
TP6/V-PR con Espulsore Nastro
TNS
TP6/V-PR with Tape Ejector TNS

LENGTH = 49 cm
WIDTH = 18cm
HEIGHT = 22 cm
PACKING = 41x31x28 cm
VOLUME = 0,035 m³
MACHINE WEIGHT = 11 kg
GROSS WEIGHT = 12 kg

La macchina TP6/V-PR è un modello realizzato per tagliare, piegare e formare componenti assiali nastrati, per montaggio verticale, bloccando il componente sulla scheda. Il sistema impiegato su questo modello consente di variare la forma ed il passo finale di piegatura, secondo le specifiche del cliente, con la semplice sostituzione del gruppo di preformatura. E' possibile lavorare componenti con diametro del reoforo da 0,5 a 0,8 mm. Mentre avviene l'operazione di preformatura, i componenti vengono mantenuti in posizione di fermo, all'interno delle matrici mobili, consentendo una perfetta lavorazione. Alla macchina può essere applicato il Caricatore per componenti sfusi, CS20 con una semplicissima e rapida operazione. L'applicazione del gruppo di motorizzazione MOT98-A, a velocità variabile e azionabile anche con pedale, consente di automatizzare la lavorazione aumentando la produzione sia su componenti nastrati che sfusi. Se si lavora nastro in bobina si consiglia di utilizzare il BR6: braccio porta bobina. Per facilitare l'espulsione del nastro di scarto si può applicare l'accessorio TNS.

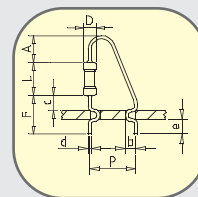
The model TP6/V-PR is designed for cutting, bending and forming taped axial components for vertical mounting. The standard form obtained will lock the component into the P.C. Board. The mechanism used with this model allows to change the height of the form and the length of the protrusion. The Pitch can be changed by replacing the preforming die assembly. This model handles components with lead diameter from 0,5 to 0,8 mm (.019 to .031 inc.). The CS20 loose component feeder is an accessory that attaches to the TP6/V-PR to handle loose parts. Its assembly to the machine is very quick and easy. The Motor drive unit MOT98/A driving with foot pedal also, and adjustable speed will make the operation automatic and will increase the production with both taped and loose components. When working with components on tape and reel we suggest the use of the BR6 reel holder. The TNS is an accessory that helps with the ejection of the waste tape.

TP6/V-PR/1 CON GRUPPO PASSO 2,54 mm
WITH PREFORMING ASSEMBLY P. 2,54 mm (.1")
(Cod. 86.OL01)



| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | 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 | |

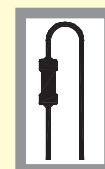
TP6/V-PR/2 CON GRUPPO PASSO 5,08 mm
WITH PREFORMING ASSEMBLY P. 5,08 mm (.2")
(Cod. 86.OL02)



| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | 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 | |

E' POSSIBILE ELIMINARE LA PREFORMATURA ED OTTENERE LA SOLA PIEGA A "V" DEI COMPONENTI

IT IS POSSIBLE TO ELIMINATE THE PREFORMING OPERATION TO OBTAIN ONLY THE "V" BENDING OF COMPONENTS



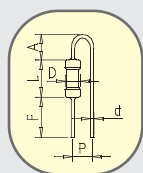
Il modello TP6/V é realizzato per tagliare e piegare i componenti assiali nastrati, per montaggio in verticale. La macchina é disponibile in due versioni: la prima per i componenti aventi diametro del reoforo da 0,5 a 0,8 mm e la seconda per diametro da 0,8 a 1,3 mm . Ciascuna versione può essere facilmente trasformata nell'altra, semplicemente sostituendo alcune parti meccaniche. Il passo di piegatura, determinato dalla cam fornita, può essere variato sostituendo la cam con un'altra avente larghezza diversa. Alla macchina può essere applicato il Caricatore per componenti sfusi CS30, con una semplicissima e rapida operazione.

L'applicazione del Gruppo di motorizzazione MOT98, a velocità variabile azionabile anche con pedale, consente di automatizzare la lavorazione aumentando la produzione sia su componenti nastrati che sfusi. Se si lavora nastro in bobina si consiglia di utilizzare il BR6: braccio porta bobina. Per facilitare l'espulsione del nastro di scarto si può applicare l'accessorio TNS.

The model TP6/V is designed for cutting and bending taped axial components for vertical mounting. The machine is manufactured in two versions: the first one for components with lead diameter from 0.5 to 0.8 mm (.019 to .031 inc.) and the second for lead diameter from 0.8 to 1.3 mm (.031 to .051 inc.). The bending pitch, which is determined by the bending cam supplied, can be changed by replacing the cam with one of the other size cams. The CS30 loose component feeder is an accessory that attaches to the TP6/V to handle loose parts. Its assembly to the machine is very quick and easy. The Motor drive unit MOT98 driving with foot pedal also, and adjustable speed, will make the operation automatic and will increase the production with both taped and loose components. When working with components on tape and reel we suggest the use of the BR6 reel holder. The TNS is an accessory that helps with the ejection of the waste tape.

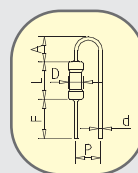
VERSIONI STANDARD PER COMPONENTI CON DIAMETRO REOFORO DA 0,5 A 0,8 mm
STANDARD VERSIONS FOR COMPONENTS WITH LEAD DIAMETER 0,5 TO 0,8 mm (.019 TO .031 inch)

TP6/V/1 VERSIONE STANDARD PASSO 2,54 mm
 TP6/V/1 STANDARD VERSION PITCH 2,54 mm (.1")
 (Cod. 80.OL01)



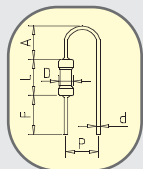
| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | min | max | min | max |
| A | 2 | 6 | .078 | .236 |
| L | | 15 | | .590 |
| F | 3 | 8 | .118 | .314 |
| D | 0,5 | 3 | .019 | .118 |
| d | 0,5 | 0,8 | .019 | .031 |
| P | 2,54 fix | | .1 fix | |

TP6/V/3 PASSO 3,8 mm
 TP6/V/3 PITCH 3,8 mm (.15")
 (Cod.80.OL03)



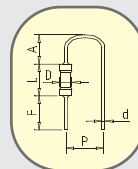
| | MM | | INCH | |
|----------|---------|-----|---------|------|
| | min | max | min | max |
| A | 2,5 | 6 | .098 | .236 |
| L | | 15 | | .590 |
| F | 3 | 8 | .118 | .314 |
| D | 0,5 | 5 | .019 | .196 |
| d | 0,5 | 0,8 | .019 | .031 |
| P | 3,8 fix | | .15 fix | |

TP6/V/4 PASSO 5,08 mm
 TP6/V/4 PITCH 5,08 mm (.2")
 (Cod.80.OL04)



| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | 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 | |

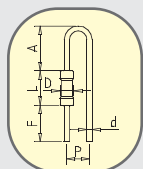
TP6/V/5 PASSO 7,62 mm
 TP6/V/5 PITCH 7,62 mm (.3")
 (Cod.80.OL05)



| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | 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 | |

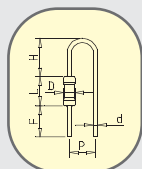
VERSIONI STANDARD PER COMPONENTI CON DIAMETRO REOFORO DA 0,8 A 1,3 mm
STANDARD VERSIONS FOR COMPONENTS WITH LEAD DIAMETER 0,8 TO 1,3 mm (.031 TO .051 inch)

TP6/V/21 PASSO 3,8 mm
 TP6/V/21 PITCH 3,8 mm (.15")
 (Cod.80.OL21)



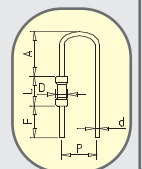
| | MM | | INCH | |
|----------|---------|-----|---------|------|
| | min | max | min | max |
| A | 4 | 9 | .157 | .354 |
| L | | 15 | | .590 |
| F | 3 | 8 | .118 | .314 |
| D | 0,8 | 5 | .031 | .196 |
| d | 0,8 | 1,3 | .031 | .051 |
| P | 3,8 fix | | .15 fix | |

TP6/V/22 PASSO 5,08 mm
 TP6/V/22 PITCH 5,08 mm (.2")
 (Cod.80.OL22)



| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | 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 | |

TP6/V/23 PASSO 7,62 mm
 TP6/V/23 PITCH 7,62 mm (.3")
 (Cod.80.OL23)



| | MM | | INCH | |
|----------|----------|-----|--------|------|
| | 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 | |