

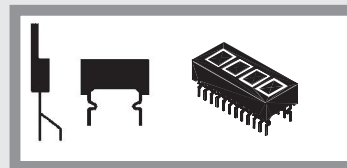
pneumatic
cutting
forming machine
for loose radial
components

TP/TS1 TP/SC4

macchina
pneumatica
taglia forma
componenti
radiali sfusi



TP/TS1 18.0000
Standard without forming die
Standard senza matrici



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

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

LEAD DIA. = 0,3-1,2 mm. (.011-.047)
PRODUCTION = 2.000 p/h
DIAM. REOFORO = 0,3-1,2mm.
PRODUZIONE = 2.000 p/h



TP/SC4 16.0000
Standard 2 cylinders
without forming die

Standard 2 cilindri
senza matrici

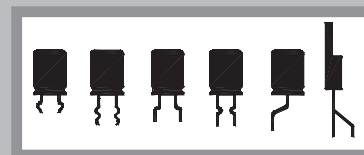
LEAD DIA. = 0,3 - 0,8mm (.011-.031")
PRODUCTION = 2.000 p/h
DIAM. REOFORO = 0,3 - 0,8 mm
PRODUZIONE = 2.000 p/h

LENGTH = 27 cm
WIDTH = 24 cm
HEIGHT = 11 cm
PACKING = 39x25x27 cm
VOLUME = 0,034 m³
MACHINE WEIGHT = 8 kg
GROSS WEIGHT = 10 kg

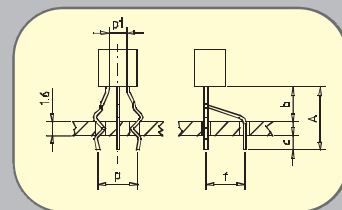
LUNG. = 27 cm
LARGH. = 24 cm
ALT. = 11 cm
IMBALLO = 39x25x27 cm
VOLUME = 0,034 m³
PESO MACCHINA = 8 kg
PESO LORDO = 10 kg

163000

CENTER LEAD SPREAD -
DOUBLE KINK ON OUTER
LEADS
ONLY SUPPLIED WITH TP/SC4
COD. 16.0100
REOFORO CENTRALE SPOSTATO -
DOPPIA ANSA SU REOFORI
ESTERNI DIVARICATI
SOLO FORNITO CON TP/SC4
COD. 16.0100



TP/SC4 16.0100
3 cylinders without forming die
3 cilindri senza matrici

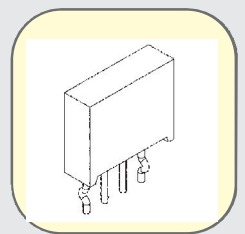
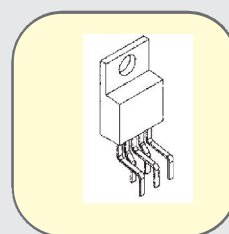
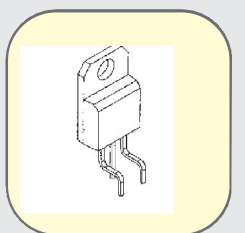
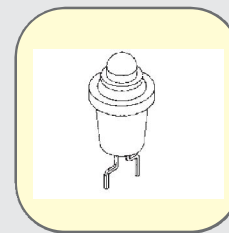
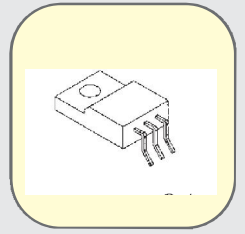
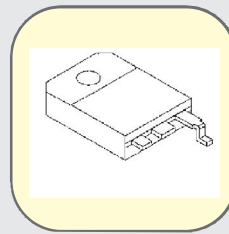
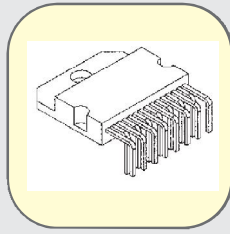
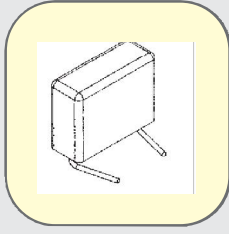
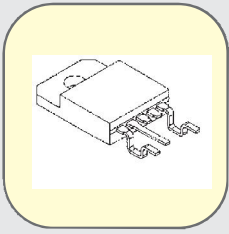
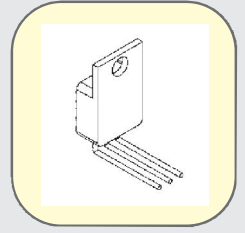
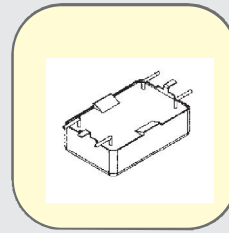
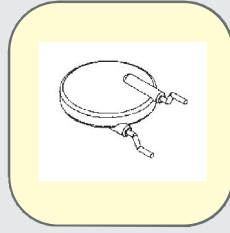
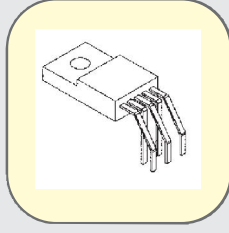
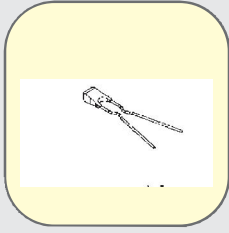
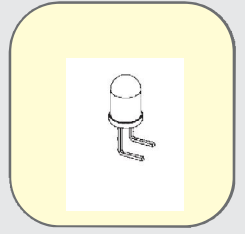
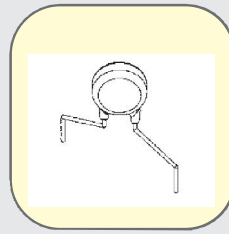
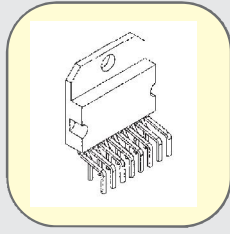
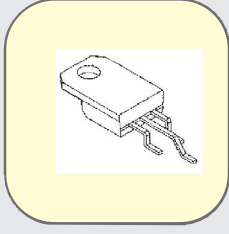
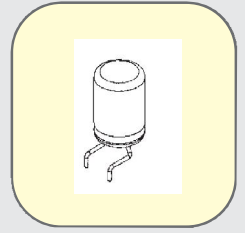
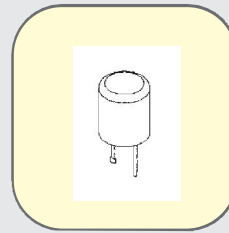
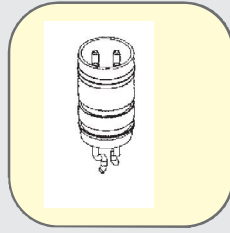
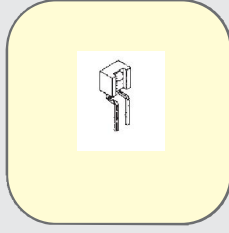
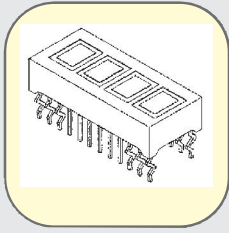


*= quote to be specified upon order
*= quota da comunicare all'ordine

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

forms realised with
special die assemblies

forme realizzate
con matrici speciali



The pneumatic machines TP/TS1 and TP/SC4 are very flexible equipment 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. They can be adapted to both machine apart one (163000) which needs the activation of a third cylinder that can only be with TP/SC4. It is possible to equip both machines, on request, with two wire holders in order to lock the leads between the body and the operation area

Le macchine pneumatiche TP/TS1 e TP/SC4 sono attrezzature estremamente versatili adatte al taglio e la formatura di componenti radiali sfusi. Un grande numero di matrici sono state progettate per realizzare forme standard maggiormente richieste e soprattutto forme speciali. Esse possono adattarsi ad entrambe le macchine ad esclusione di una (163000) che richiede l'attivazione di un terzo cilindro solo applicabile al modello TP/SC4. su entrambe le macchine è possibile utilizzare, a richiesta, due premifili per bloccare i reofori tra il corpo e la zona di preformatura.

Sturdy reliable and long lasting equipment
Attrezzatura forte e fatta per durare nel tempo

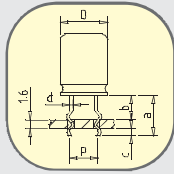
Ease of set up and use
facilità di regolazione ed uso

No maintenance needed
non richiede manutenzione

die assemblies for TP/SC4 and TP/TS1 machines

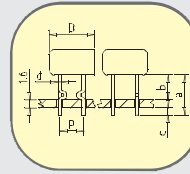
gruppi matrici per le macchine TP/SC4 e TP/TS1

160600/180600
STAND OFF-LOCK IN/DOUBLE KINK
DOPPIA ANSA/BLOCCAGGIO SU SCHEDASTAND
P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 - .2 - .3 - .4")



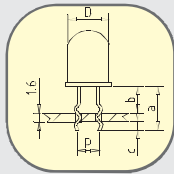
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 15 | | .196 | .590 | |
| b | 2 | 12 | | .078 | .472 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161100/181100
DIODE BRIDGE 4 LEADS
PONTE DIODO A 4 REOFORI
P.5,08 mm (.2")



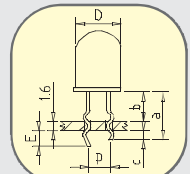
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 14 | | .236 | .551 | |
| b | 4 | 12 | | .157 | .472 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

160700/180700
STAND OFF-LOCK IN LED/DOUBLE KINK
DOPPIA ANSA LED/BLOCCAGGIO SU SCHEDA
P.2,54 mm (.1")



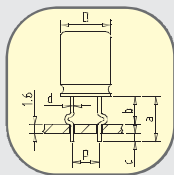
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 15 | | .196 | .590 | |
| b | 2 | 12 | | .078 | .472 | |
| c | | | 1,4 | | | .055 |
| D | 2 | 5 | | .078 | .196 | |

161200/181200
POLARITY
POLARITA'
P.2,54 mm (.1")



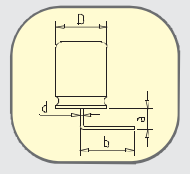
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 15 | | .196 | .590 | |
| b | 2 | 12 | | .078 | .472 | |
| c | | | 1,4 | | | .055 |
| D | 2 | 5 | | .078 | .196 | |
| E | | | 2,4 | | | .094 |

160800/180800
STAND OFF-KINK OUTWARD
ANSA ESTERNA IN APPOGGIO SU SCHEDA
P:=2 - 2,54 - 5,08 - 7,62 - 10,16 mm (.78 - .1 - .2 - .3 - .4")



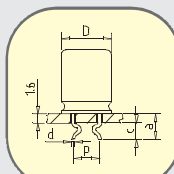
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 16 | | .236 | .629 | |
| b | 3 | 13 | | .118 | .511 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161300/181300
90° BENDING
PIEGA A 90°



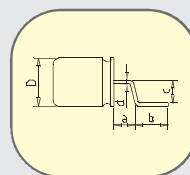
| | MM | | | IN | | |
|-----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 3 | 8 | | .118 | .314 | |
| b* | | | 6 | | | .236 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D* | 1 | 15 | | .039 | .590 | |

160900/180900
BODY LOCKED ON P.C.BOARD
CORPO A BATTUTA/BLOCCAGGIO SU SCHEDA
P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 - .2 - .3 - .4")



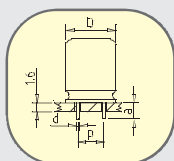
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | | | 3 | | | .118 |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161400/181400
SURFACE MOUNTING
MONTAGGIO IN SUPERFICIE



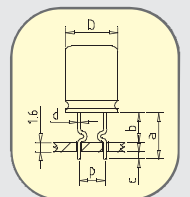
| | MM | | | IN | | |
|-----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 2,5 | 8 | | .098 | .314 | |
| b* | | | 2 | | | .078 |
| c* | | | 2,5 | | | .098 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D* | 1 | 15 | | .039 | .590 | |

161000/181000
STRAIGHT CUT
SOLO TAGLIO
P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 - .2 - .3 - .4")



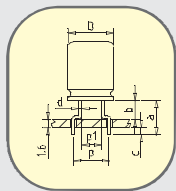
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|-----|
| | min | max | fix | min | max | fix |
| a | 3 | 13 | | .118 | .511 | |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

161500/181500
STAND OFF/KINK INWARD
APPOGGIO ANSA INTERNA
P:=2 - 2,54 - 5,08 - 7,62 - 10,16 mm (.78 - .1 - .2 - .3 - .4)



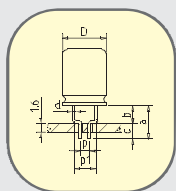
| | MM | | | IN | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 16 | | .236 | .629 | |
| b | 3 | 13 | | .118 | .511 | |
| c | | | 1,4 | | | .055 |
| d | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |

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



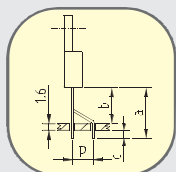
| MM | | | IN | | | |
|------------|-----|------|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 8 | | .196 | .314 | |
| b | 2 | 5 | | .078 | .196 | |
| c | | | 1,4 | | | .055 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |
| p1* | | 2,54 | | | |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

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



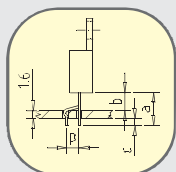
| MM | | | IN | | | |
|------------|-----|------|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 5 | 8 | | .196 | .314 | |
| b | 2 | 5 | | .078 | .196 | |
| c | | | 1,4 | | | .055 |
| d* | 0,4 | 0,8 | | .015 | .031 | |
| D | 1 | 15 | | .039 | .590 | |
| p1* | | 5,08 | | | |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

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



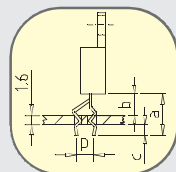
| MM | | | IN | | | |
|-----------|-----|------|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | 2,54 | | | | .1 |

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



| 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 |

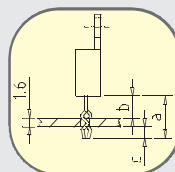
162300/182300
TO-220 CENTER LEAD SPREAD/3 LEAD LOCK
TO-220 REOFORO CENTRALE SPOSTATO/DOPPIA
ANSA SU TRE REOFORI



| 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 |

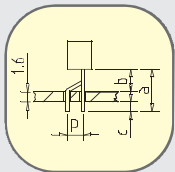
*quote to be specified upon order
*quota da comunicare all'ordine

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



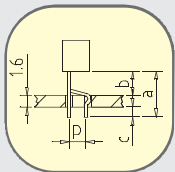
| MM | | | IN | | | |
|----------|-----|-----|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 6 | 11 | | .236 | .433 | |
| b | 3 | 8 | | .118 | .314 | |
| c | | | 1,4 | | | .055 |

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



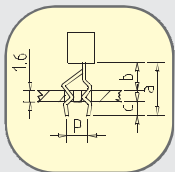
| MM | | | IN | | | |
|-----------|-----|------|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | 1,27 | | | | .05 |

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



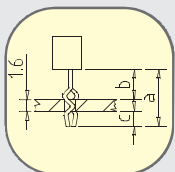
| MM | | | IN | | | |
|-----------|-----|------|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | 1,27 | | | | .05 |

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



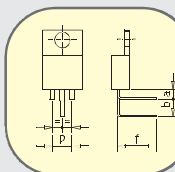
| MM | | | IN | | | |
|-----------|-----|------|-----|------|------|------|
| | min | max | fix | min | max | fix |
| a | 7 | 13 | | .275 | .511 | |
| b | 4 | 10 | | .157 | .393 | |
| c | | | 1,4 | | | .055 |
| p* | | 1,27 | | | | .05 |

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



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

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



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