

macchina  
pneumatica  
taglia forma  
componenti  
radiali sfusi

# TP/TS1

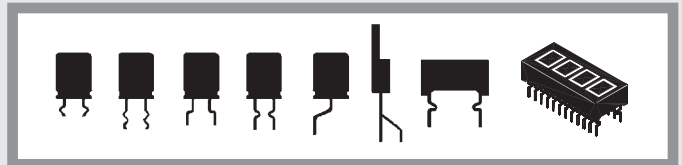
pneumatic  
cutting forming  
machine  
for loose radial  
components



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 m<sup>3</sup>  
PESO MACCHINA = 13 kg  
PESO LORDO = 14 kg

LENGTH = 39 cm  
WIDTH = 23 cm  
HEIGHT = 14 cm  
PACKING = 45x40x27 cm  
VOLUME: 0,0486 m<sup>3</sup>  
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.

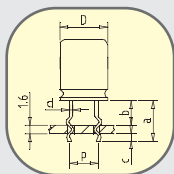
# gruppi matrici per le macchine TP/SC4 e TP/TS1

# 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")

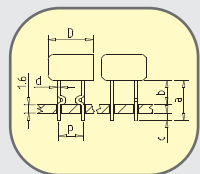


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	5	15		.196	.590	
<b>b</b>	2	12		.078	.472	
<b>c</b>			1,4			.055
<b>d</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	

161100/181100

PONTE DIODO A 4 REOFORI  
DIODE BRIDGE 4 LEADS

P.5,08 mm (.2")

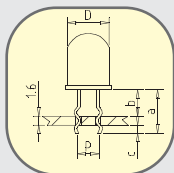


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	6	14		.236	.551	
<b>b</b>	4	12		.157	.472	
<b>c</b>			1,4			.055
<b>d</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	

160700/180700

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

P.2,54 mm (.1")

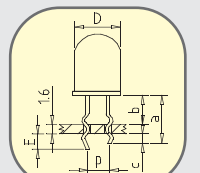


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	5	15		.196	.590	
<b>b</b>	2	12		.078	.472	
<b>c</b>			1,4			.055
<b>D</b>	2	5		.078	.196	

161200/181200

POLARITA'  
POLARITY

P.2,54 mm (.1")

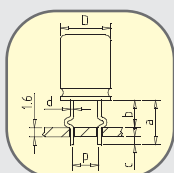


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	5	15		.196	.590	
<b>b</b>	2	12		.078	.472	
<b>c</b>			1,4			.055
<b>D</b>	2	5		.078	.196	
<b>E</b>			2,4			.094

160800/180800

ANSA ESTERNA IN APPOGGIO SU SCHEDA  
STAND OFF-KINK OUTWARD

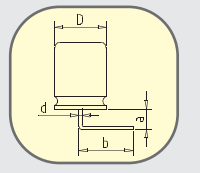
P:=2 - 2,54 - 5,08 - 7,62 - 10,16 mm (.78 - .1 - .2 - .3 - .4")



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

161300/181300

PIEGA A 90°  
90° BENDING

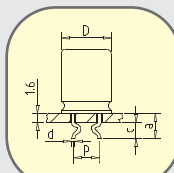


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	3	8		.118	.314	
<b>b*</b>			6			.236
<b>c*</b>	0,4	0,8		.015	.031	
<b>D*</b>	1	15		.039	.590	

160900/180900

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

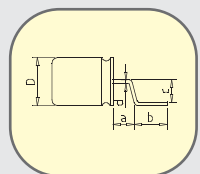
P:=2,54 - 5,08 - 7,62 - 10,16 mm (.1 - .2 - .3 - .4")



	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>			3			.118
<b>c</b>			1,4			.055
<b>d</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	

161400/181400

MONTAGGIO IN SUPERFICIE  
SURFACE MOUNTING

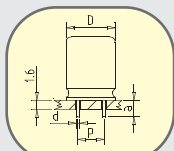


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	2,5	8		.098	.314	
<b>b*</b>			2			.078
<b>c*</b>			2,5			.098
<b>d*</b>	0,4	0,8		.015	.031	
<b>D*</b>	1	15		.039	.590	

161000/181000

SOLO TAGLIO  
STRAIGHT CUT

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

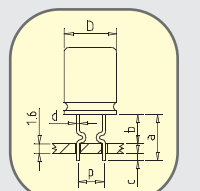


	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	3	13		.118	.511	
<b>d</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	

161500/181500

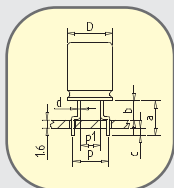
APPOGGIO ANSA INTERNA  
STAND OFF/KINK INWARD

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



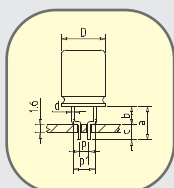
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	6	16		.236	.629	
<b>b</b>	3	13		.118	.511	
<b>c</b>			1,4			.055
<b>d</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	

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



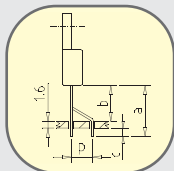
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	5	8		.196	.314	
<b>b</b>	2	5		.078	.196	
<b>c</b>			1,4			.055
<b>d*</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	
<b>p1*</b>			2,54			.1
<b>p*</b>			5,08			.2

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



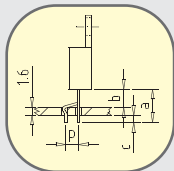
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	5	8		.196	.314	
<b>b</b>	2	5		.078	.196	
<b>c</b>			1,4			.055
<b>d*</b>	0,4	0,8		.015	.031	
<b>D</b>	1	15		.039	.590	
<b>p1*</b>			5,08			.2
<b>p*</b>			2,54			.1

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



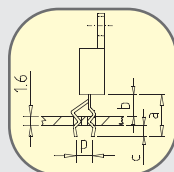
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	7	13		.275	.511	
<b>b</b>	4	10		.157	.393	
<b>c</b>			1,4			.055
<b>p*</b>			2,54			.1

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
<b>a</b>	7	13		.275	.511	
<b>b</b>	4	10		.157	.393	
<b>c</b>			1,4			.055
<b>p*</b>			2,54			.1

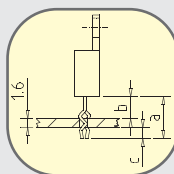
162300/182300  
TO-220 REOFORO CENTRALE SPOSTATO/DOPPIA  
ANSA SU TRE REOFORI  
TO-220 CENTER LEAD SPREAD/3 LEAD LOCK



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

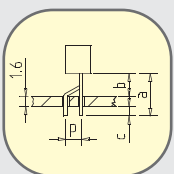
\*quota da comunicare all'ordine  
\*quote to be specified upon order

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



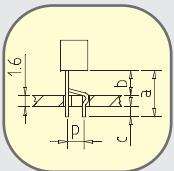
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	6	11		.236	.433	
<b>b</b>	3	8		.118	.314	
<b>c</b>			1,4			.055

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



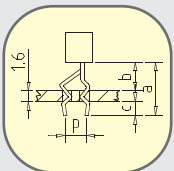
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	7	13		.275	.511	
<b>b</b>	4	10		.157	.393	
<b>c</b>			1,4			.055
<b>p*</b>			1,27			.05

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



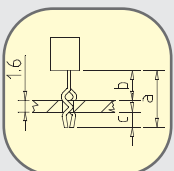
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	7	13		.275	.511	
<b>b</b>	4	10		.157	.393	
<b>c</b>			1,4			.055
<b>p*</b>			1,27			.05

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



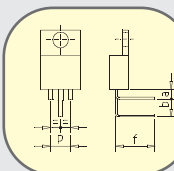
	MM			INCH		
	min	max	fix	min	max	fix
<b>a</b>	7	13		.275	.511	
<b>b</b>	4	10		.157	.393	
<b>c</b>			1,4			.055
<b>p*</b>			1,27			.05

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
<b>a</b>	6	11		.236	.433	
<b>b</b>	3	8		.118	.314	
<b>c</b>			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
<b>a</b>	3	5		.118	.196	
<b>b*</b>			5			.196
<b>f*</b>			6			.216
<b>p</b>			5,08			.2