

APPLICATION

Modular control plates **MOD6** are used to construct hydraulic control system on the basis of hydraulic control equipment (directional control valves, valves etc.) with nominal size 6.

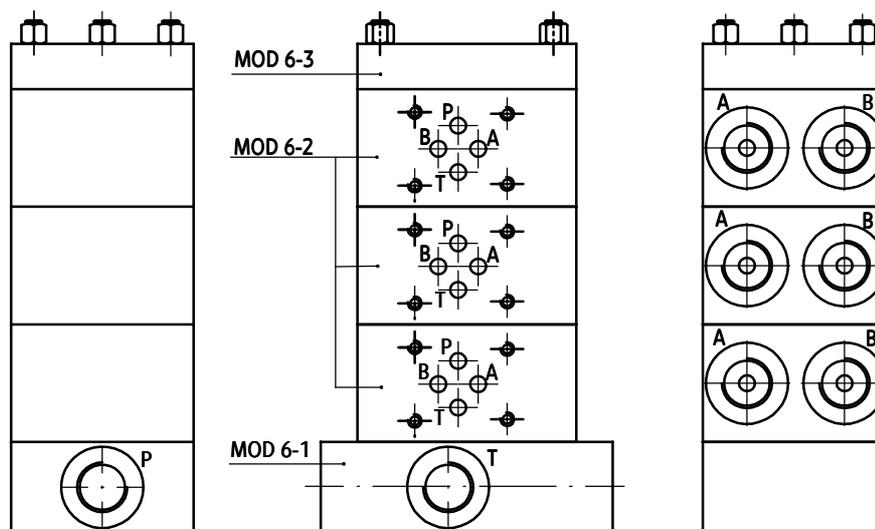
DESCRIPTION

Basic elements of modular control plates are: lower plate (**MOD6-1**), central plate (**MOD6-2**) and upper plate (**MOD6-3**). The plate **MOD6-1** (or **MOD6-1A**) is the basic element to which oil from the pump (**P**) is supplied and is also the element of which return oil from the system (**T**) is carried out.

The plate **MOD6-2** is the basic element for directional control valve and other control equipment (sandwich plate valves) to be connected.

The extension of control system is possible when the number of modules is multiplied (maximum 6). The upper plate **MOD6-3** makes the control system closed and is also the base for mounting pressure gauge isolator valve **UOPF1**.

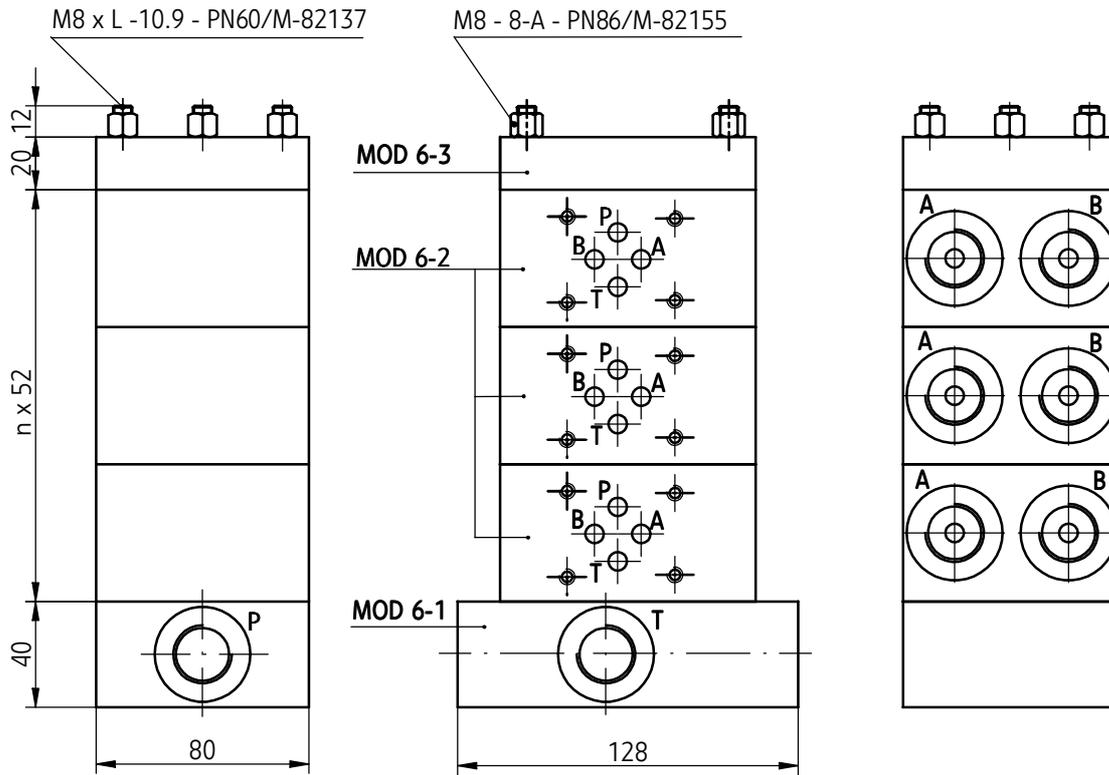
The other plates of the system are supplementary elements when control system is extended.



Below hydraulic equipment manufactured by "PONAR-WADOWICE" S.A. that can be used for control systems to be mounted on the multi-station manifold block:

Directional spool valve, electrically operated	WE 6	according to WK 499 502
Directional spool valve, hydraulically operated	WH 6	according to WK 420 170
Directional spool valve, hand lever operated	WMM 6	according to WK 420 170
Directional spool valve, rotary knob operated	WMD 6	according to WK 420 170
Pressure reducing valves, sandwich plate	UZRC 6	according to WK 493 061
Pressure sequence valves, sandwich plate	UZKC 6	according to WK 393 060
Check valves, sandwich plate	WZC 6	according to WK 450 355
Double check valves, pilot operated	ZZS 6	according to WK 450 360
Double check valves, sandwich plate	ZZFS 6	according to WK 450 232
Pressure switches (with subplate UŁBC 6)	USPH 4	according to WK 450 398
Pressure relief valves	UZPR 6	according to WK 494 060

OVERALL AND CONNECTION DIMENSIONS



Cavities	P	T	A	B
	G1/2"	G1/2"	G1/2"	G1/2"

The plates are mounted using double-nutted bolt M8 and nuts. Basic data for the bolts and nuts is given below.

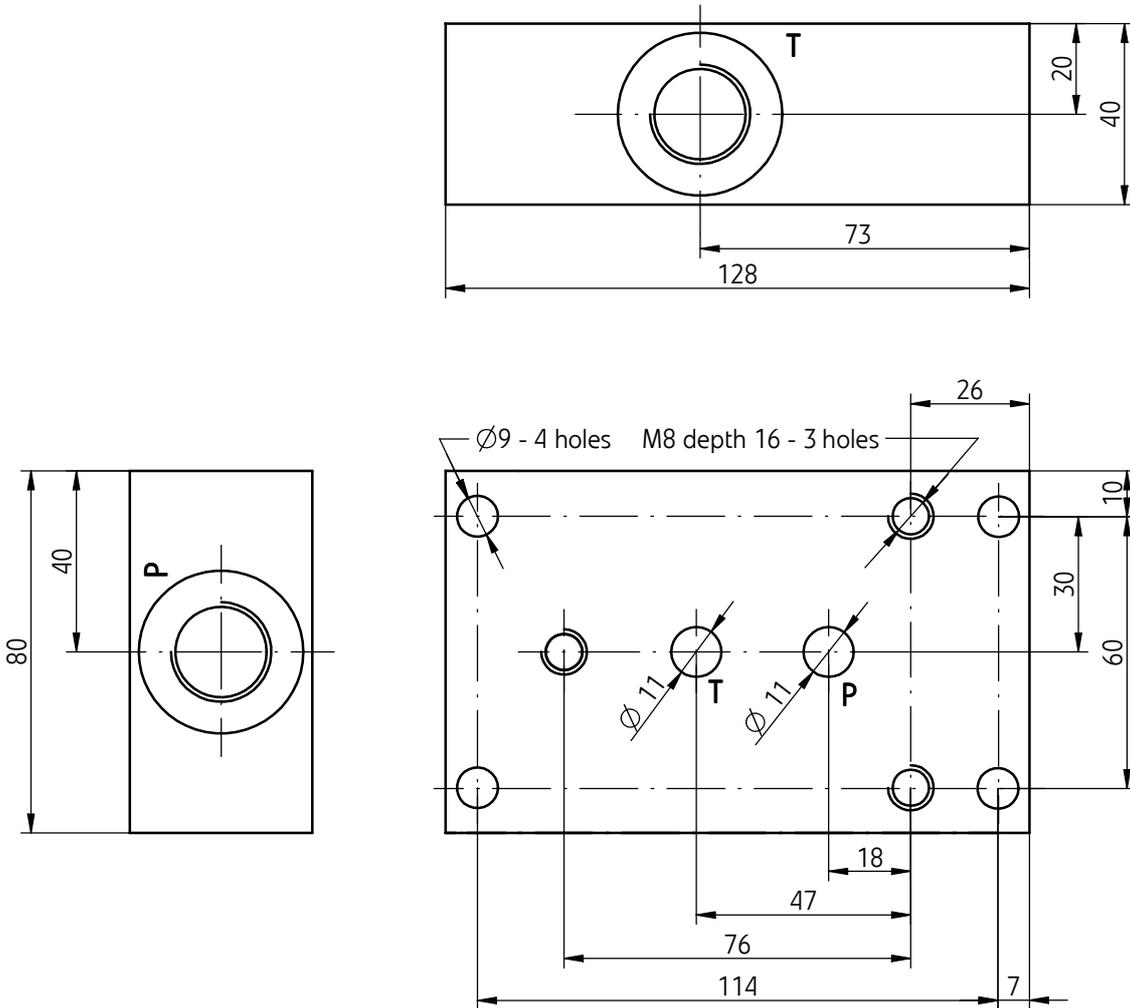
Bolt with accordance with PN60/M-82137	Nut with accordance with PN86/M-82155	Quantity	Number of modules
M8 x 100 -10,9	M8 -8-A	3	MOD6-1+ MOD6-2 + MOD6-3
M8 x 152 -10,9	M8 -8-A	3	MOD6-1+ 2MOD6-2 + MOD6-3
M8 x 205 -10,9	M8 -8-A	3	MOD6-1+ 3MOD6-2 + MOD6-3
M8 x 256 -10,9	M8 -8-A	3	MOD6-1+ 4MOD6-2 + MOD6-3
M8 x 310 -10,9	M8 -8-A	3	MOD6-1+ 5MOD6-2 + MOD6-3
M8 x 360 -10,9	M8 -8-A	3	MOD6-1+ 6MOD6-2 + MOD6-3

NOTES:

Connecting bolts and nuts are not included with the plates and must be ordered separately.
Each plate is supplied with the sealing rings (dimensions are given with the plates description).

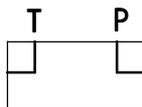
PLATE MOD6-1

Overall and connection dimensions



Cavities	P	T
	G1/2"	G1/2"
Material for plate	45	

Graphic symbol

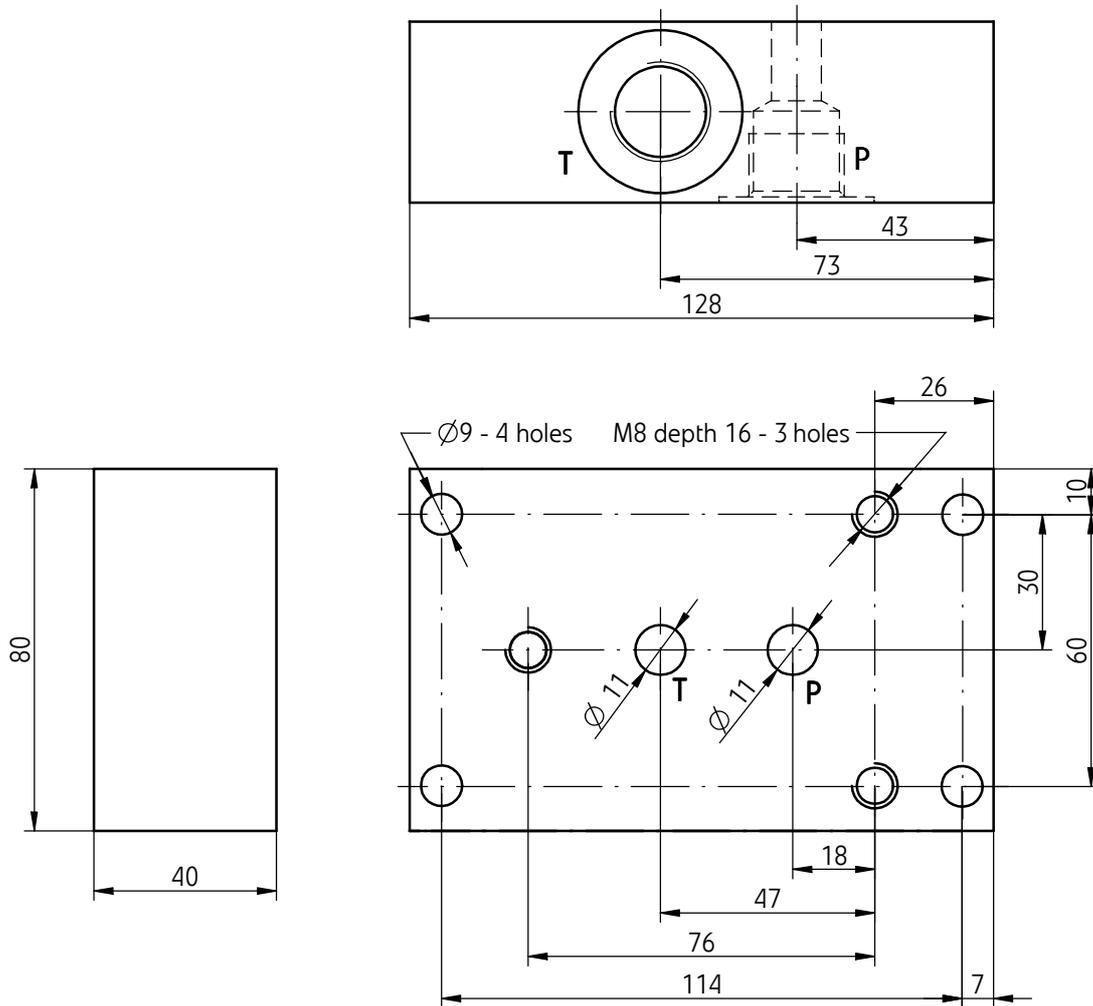


How to order

Any order should be addressed to the manufacturer according to the below coding:
plate MOD6-1

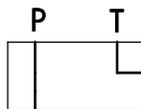
PLATE MOD6-1A

Overall and connection dimensions



Cavities	P	T
	G1/2"	G1/2"
Material for plate	45	

Graphic symbol

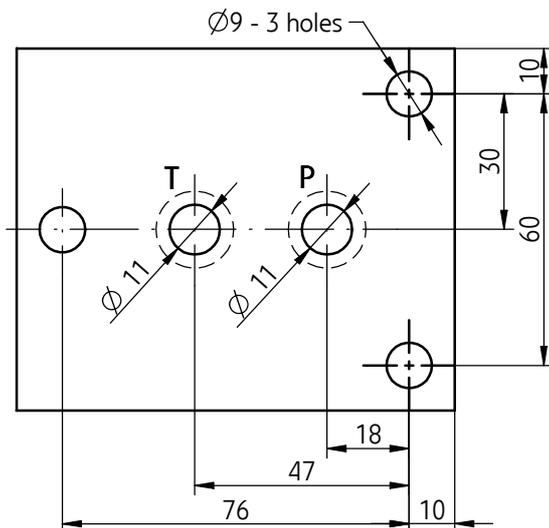
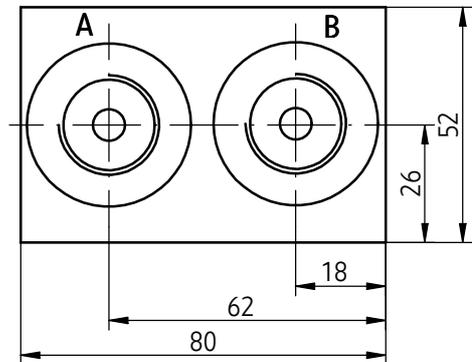
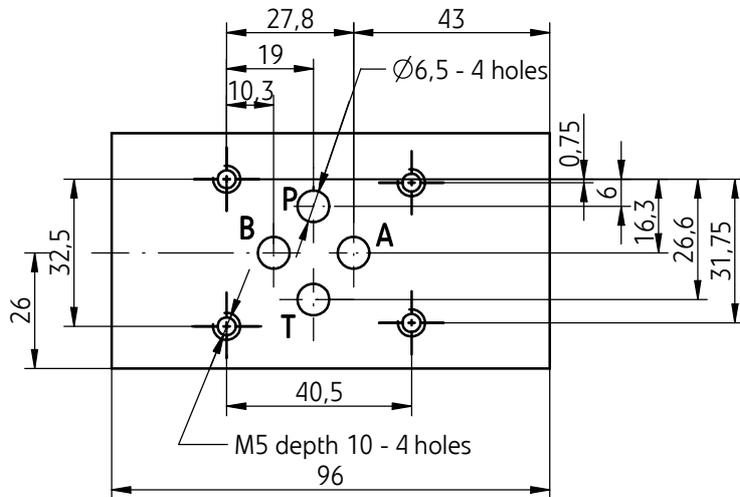


How to order

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plate MOD6-1A

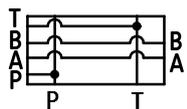
PLATE MOD6-2

Overall and connection dimensions



Cavities	A	B
	G1/2"	G1/2"
Material for plate	45	
O-ring	12,3 x 2,4 - 2 pcs	

Graphic symbol



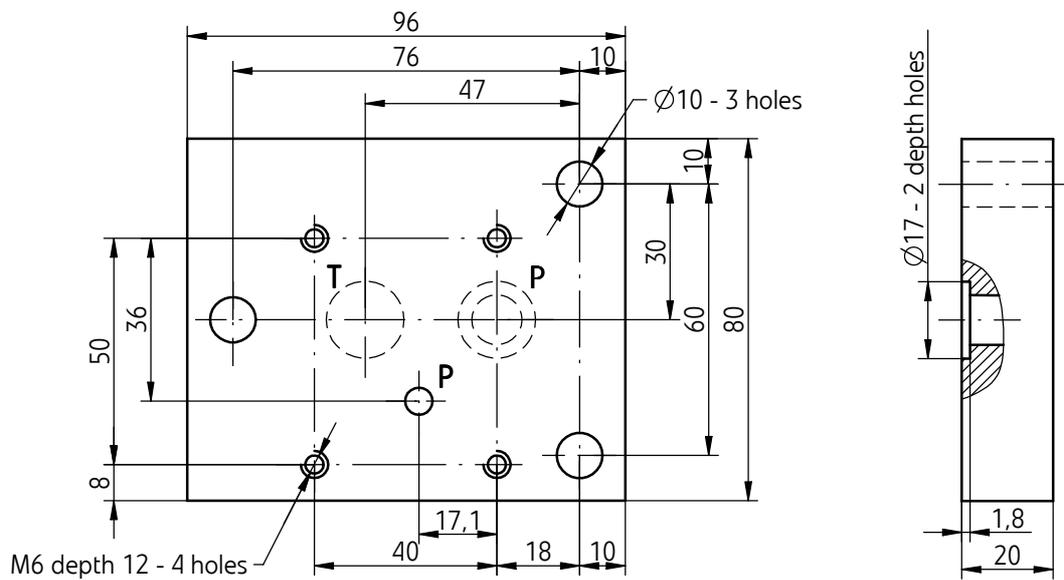
How to order

Any order should be addressed to the manufacturer according to the below coding:

plate MOD6-2

PLATE MOD6-3

Overall and connection dimensions

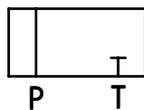


Material for plate	45
O-ring	12,3 x 2,4 - 2 pcs

NOTES:

Pressure gauge isolator valve type UOPF1 is not included with the plate and must be ordered separately. Carrying out the oil of pressure gauge isolator valve: by connection (T) of pressure gauge isolator valve UOPF1 (back).

Graphic symbol



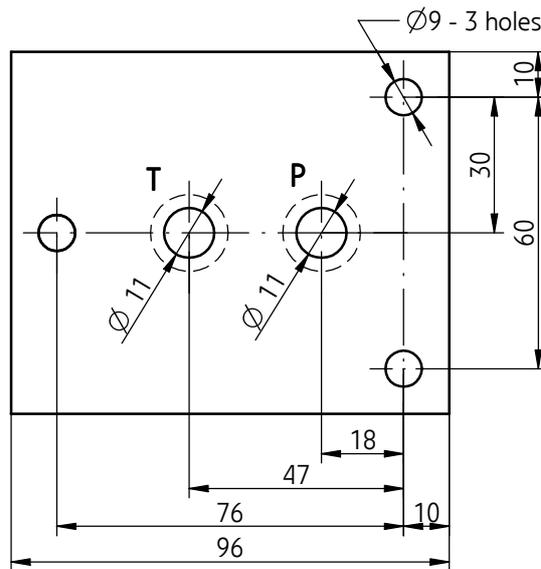
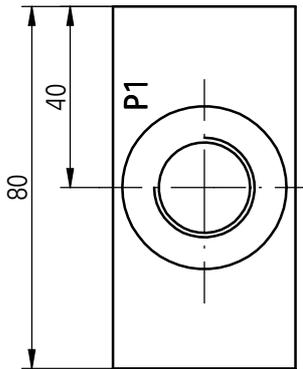
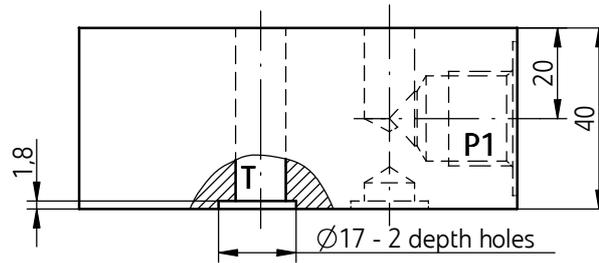
How to order

Any order should be addressed to the manufacturer according to the below coding:

plate MOD6-3

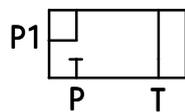
PLATE MOD6-4

Overall and connection dimensions



Cavity	P1
	G1/2"
Material for plate	45
O-ring	12,3 x 2,4 - 2 pcs

Graphic symbol



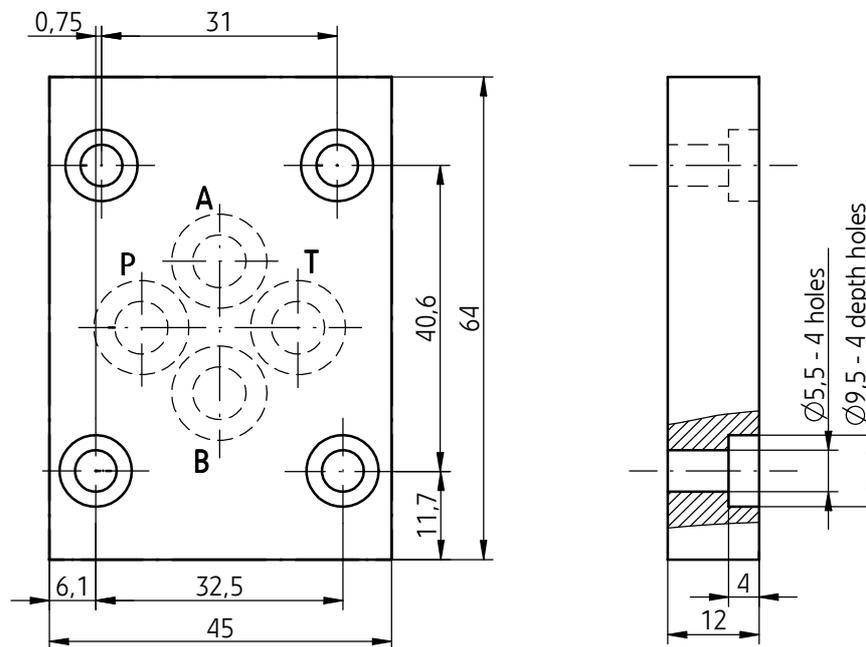
How to order

Any order should be addressed to the manufacturer according to the below coding:

plate MOD6-4

PLATE MOD6-5

Overall and connection dimensions



Material for plate	45
O-ring	9,2 x 1,8 - 4 pcs

Graphic symbol



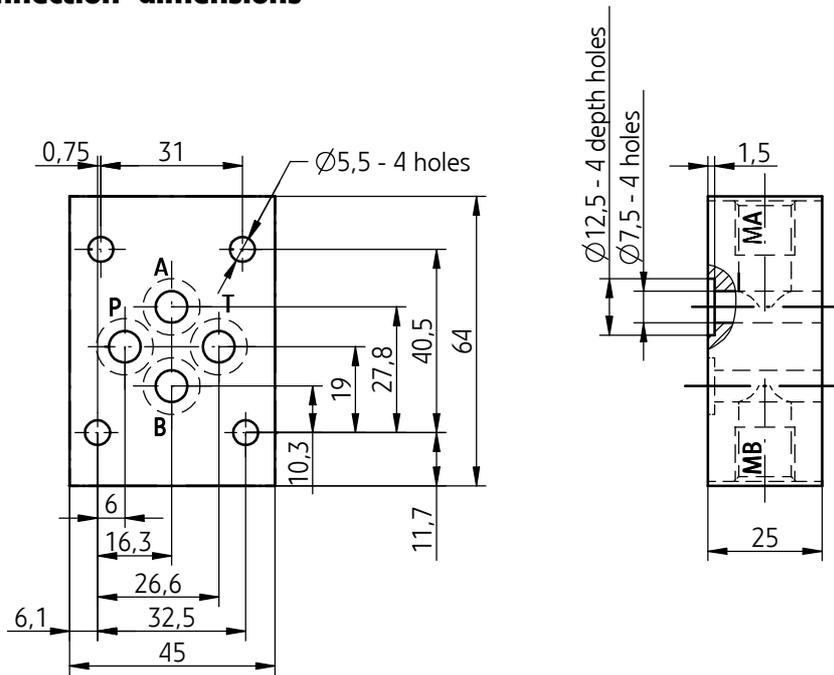
How to order

Any order should be addressed to the manufacturer according to the below coding:

plate MOD6- 5

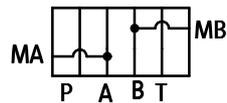
PLATE MOD6-6

Overall and connection dimensions



Cavities	MA	MB
		G1/4"
Material for plate	45	
O-ring	9,2 x 1,8 - 4 pcs	

Graphic symbol



How to order

Any order should be addressed to the manufacturer according to the below coding:

plate MOD6- 6

PLATES MOD6-9; MOD6-10; MOD6 -11

Overall and connection dimensions

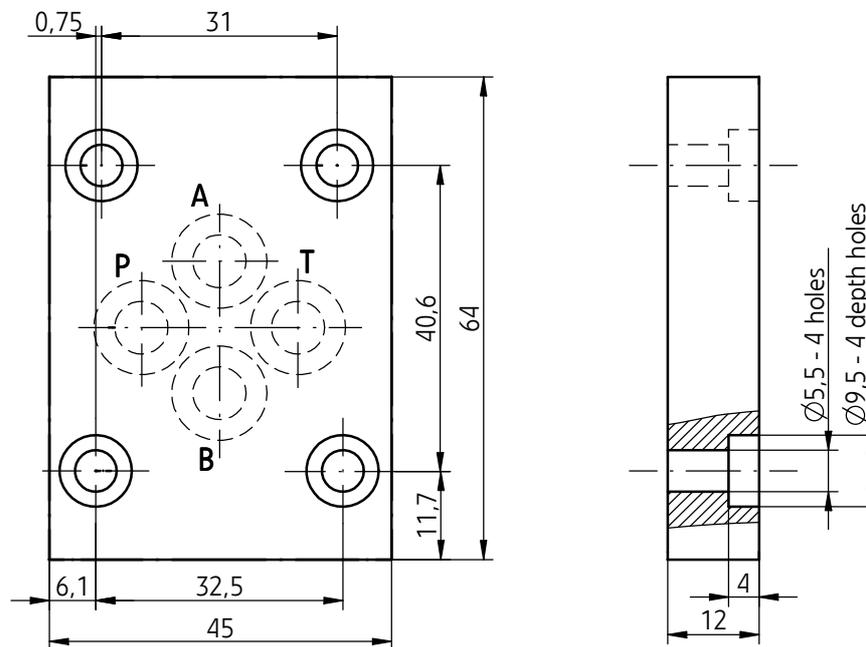
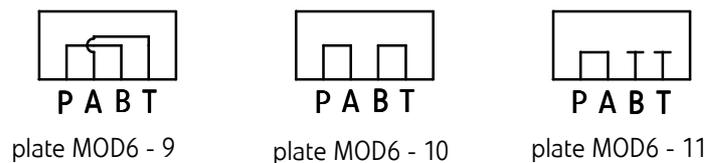


Plate	MOD6 - 9	MOD6 - 10	MOD6 - 11
Material for plate	45	45	45
O-ring	17 x 2 - 2 pcs	17 x 2 - 2 pcs	17 x 2 - 1 pc
			9,2 x 1,8 - 2 pcs

Graphic symbol



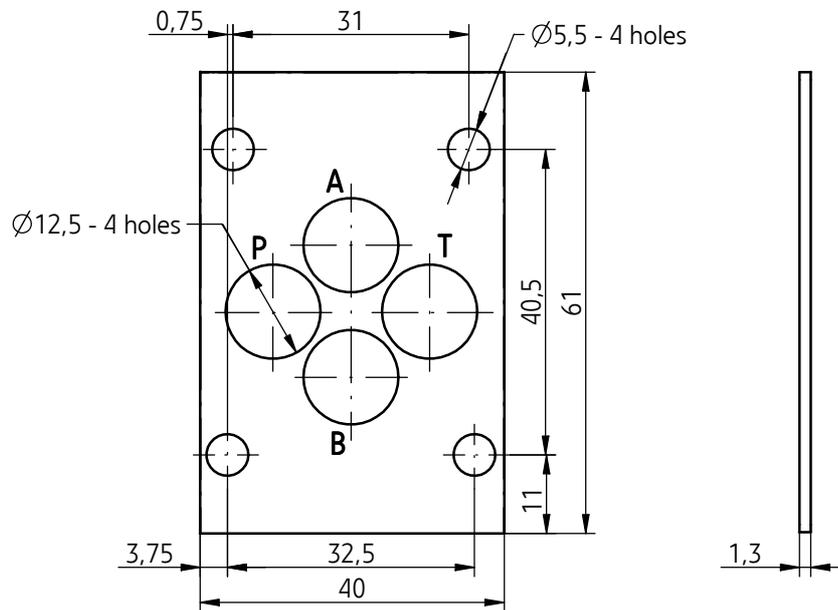
How to order

Any order should be addressed to the manufacturer according to the below coding.

plate MOD6- 9

PLATE MOD6-12

Overall and connection dimensions

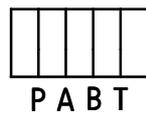


Material for plate	45
O-ring	9,2 x 1,8 - 4 pcs

NOTE:

Plate MOD6-12 with the sealing rings (4 pcs) allows to seal two flat connections NS6.

Graphic symbol



How to order

Any order should be addressed to the manufacturer according to the below coding:

plate MOD6- 12

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