

Compression, injection and die-casting moulds

Machined plates, undrilled

DIN
16 760
Part 1

Preß-, Spritzgieß- und Druckgießwerkzeuge; bearbeitete, ungebohrte Platten

In keeping with current practice in standards published by the International Organization for Standardization (ISO), a comma has been used throughout as the decimal marker.

See Explanatory notes for connection with International Standard ISO 6753:1982 published by the International Organization for Standardization (ISO).

Dimensions in mm

1 Scope and field of application

This standard specifies plates used in the assembly of compression, injection and die-casting moulds. The use of such plates is exemplified in figure 1 for a mould assembly made up with plates as specified in this standard, except that in practice the different types of backing plate (projecting or flush fitting) are always used in pairs.

2 Nomenclature

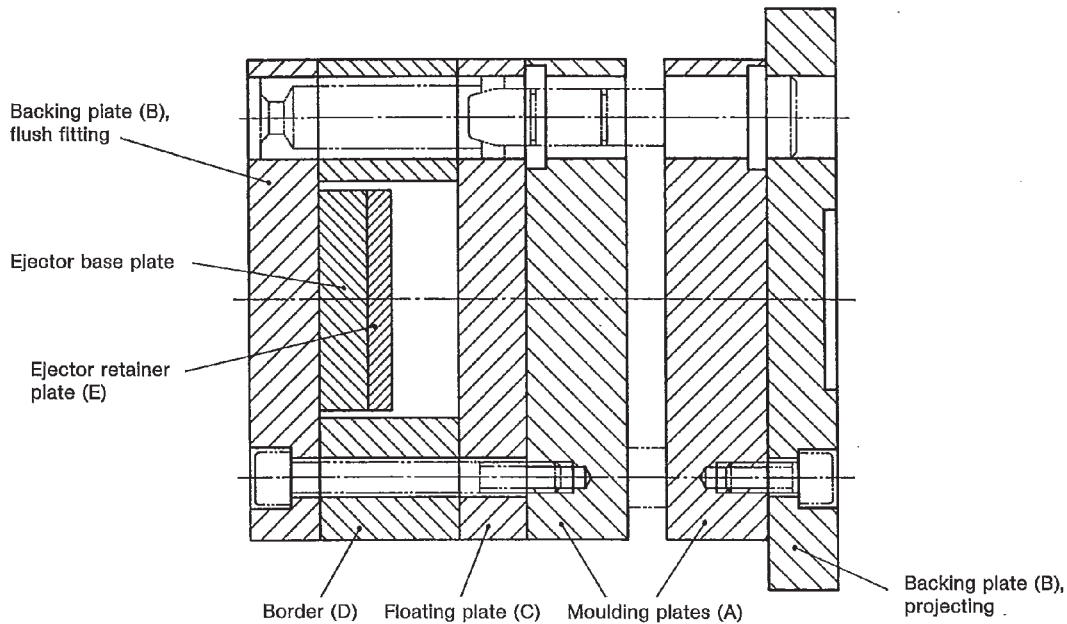


Figure 1. Standard mould assembly

Continued on pages 2 to 9

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3 Dimensions and designation

Details not specified here shall be selected as appropriate.
 For general tolerances, accuracy grade m as specified in DIN 7168 shall apply.

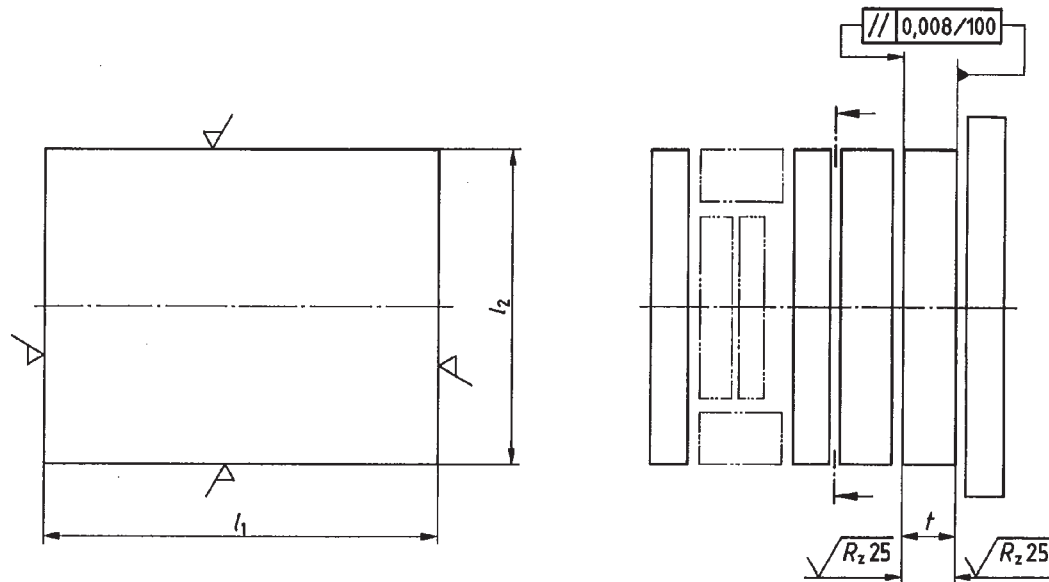


Figure 2. Backing plate, moulding plate and floating plates

Designation of a moulding plate (A) measuring 310 × 446, with a thickness, *t*, of 100 mm, made from tool steel with material number 1.2312:

Plate DIN 16 760 – A 310 × 446 × 100 – 1.2312

Table 1. Dimensions of backing, moulding and floating plates

Plate size, $l_2 \times l_1$	Thickness, <i>t</i>												
	12,5	16	20	25	32	40	50	63	80	100	125	160	200
96 × 96	X	X	X	X	X	X	X						
× 120	X	X	X	X	X	X	X						
120 × 120	X	X	X	X	X	X	X	X					
× 156	X	X	X	X	X	X	X	X					
156 × 156		X	X	X	X	X	X	X	X	X			
× 196		X	X	X	X	X	X	X	X	X			
× 220		X	X	X	X	X	X	X	X	X			
× 246		X	X	X	X	X	X	X	X	X			
× 276		X	X	X	X	X	X	X	X	X			
× 310		X	X	X	X	X	X	X	X	X			
196 × 196			X	X	X	X	X	X	X	X			
× 220			X	X	X	X	X	X	X	X			
× 246			X	X	X	X	X	X	X	X			
× 276			X	X	X	X	X	X	X	X			
× 310			X	X	X	X	X	X	X	X			
× 350			X	X	X	X	X	X	X	X			
× 396			X	X	X	X	X	X	X	X			

