

## Plaster casting - Linear casting tolerances

Linear dimensional casting tolerances in mm for plaster casting prototypes in aluminium, magnesium and zinc. According to VDG P690, Group D, Accuracy grade 1.

<b>Nominal dimension range</b>	<b>D1 (Total tolerance)</b>	<b>D1 (<math>\pm</math> Tolerance)</b>
up to 6	0,30	$\pm 0,15$
over 6 up to 10	0,36	$\pm 0,18$
over 10 up to 18	0,44	$\pm 0,22$
over 18 up to 30	0,52	$\pm 0,26$
over 30 up to 50	0,80	$\pm 0,40$
over 50 up to 80	0,90	$\pm 0,45$
over 80 up to 120	1,10	$\pm 0,55$
over 120 up to 180	1,60	$\pm 0,80$
over 180 up to 250	2,40	$\pm 1,20$
over 250 up to 315	2,60	$\pm 1,30$
over 315 up to 400	3,60	$\pm 1,80$
over 400 up to 500	4,00	$\pm 2,00$
over 500 up to 630	5,40	$\pm 2,70$
over 630 up to 800	6,20	$\pm 3,10$
over 800 up to 1000	7,20	$\pm 3,60$