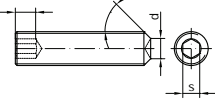




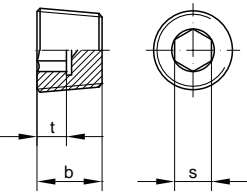
## Dimensions for screws and bolts

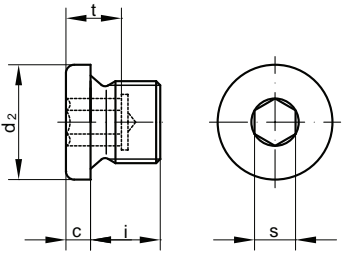
### Set screws/grub screws

DIN (ISO)	Dimensions	M 3	M 4	M 5	M 6	M 8	M 10	M 12	M 14	M 16	M 20	M 24
<b>915</b> <b>(4028)</b>  <p><math>z_1</math> and <math>t_1</math> for <math>l</math> above the dashed step line  <math>z_2</math> and <math>t_2</math> for <math>l</math> below the dashed step line</p>	$s$	1.5	2	2.5	3	4	5	6	6	8	10	12
	$z_{1,max}$ (short)	1	1.25	1.5	1.75	2.25	2.75	3.25	3.8	4.3	5.3	6.3
	$t_1$	1.2	1.5	2	2	3	4	4.8	5.6	6.4	8	10
	$d_p$	2	2.5	3.5	4	5.5	7	8.5	10	12	15	18
	$z_{2,max}$ (long)	1.75	2.25	2.75	3.25	4.3	5.3	6.3	7.36	8.36	10.36	12.43
$t_2$	2	2.5	3	3.5	5	6	8	9	10	12	15	

DIN (ISO)	Dimensions	M 1.4	M 1.6	M 1.8	M 2	M 2.5	M 3
<b>916</b> <b>(4029)</b>  <p><math>t_1</math> for <math>l</math> above the dashed step line  <math>t_2</math> for <math>l</math> below the dashed step line                      step line see product standard</p>	$s$	0.7	0.7	0.7	0.9	1.3	1.5
	$d_{v,max}$	0.7	0.8	0.9	1	1.2	1.4
	$t_1$	0.6	0.7	0.8	0.8	1.2	1.2
	$t_2$	1.4	1.5	1.6	1.7	2	2
	Dimensions	M 4	M 5	M 6	M 8	M 10	M 12
	$s$	2	2.5	3	4	5	6
	$d_{v,max}$	2	2.5	3	5	6	8
	$t_1$	1.5	2	2	3	4	4.8
	$t_2$	2.5	3	3.5	5	6	8
	Dimensions	M 14	M 16	M 20	M 24		
	$s$	6	8	10	12		
	$d_{v,max}$	9	10	14	16		
$t_1$	5.6	6.4	8	10			
$t_2$	9	10	12	15			

### Screw plugs/pipe plugs

DIN	Dimensions	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	
<b>906</b>  <p>The new product standard with additionally defined hexalobular and triple square socket was not yet in its final version at the editorial deadline.</p>	$s$	4	5	6	7	8	8	10	10	12	
	$t_{min}$	4	4	5	5	5	5	5	5	5	6
	$b$	8	8	10	10	10	10	10	10	10	12
	Dimensions	M 26	M 27	M 30	M 33	M 36	M 38	M 42			R 1/8
	$s$	12	12	17	17	19	19	22			5
	$t_{min}$	6	6	6	6	7.5	7.5	11.5			4
	$b$	12	12	12	12	15	15	18			8
	Dimensions	R 1/4	R 3/8	R 1/2	R 3/4	R1	R 1 1/4	R 1 1/2	R 1 3/4	R2	
	$s$	7	8	10	12	17	22	24	32	32	
	$t_{min}$	5	5	5	6	6	11.5	11.5	13	13	
	$b$	10	10	10	12	12	18	20	22	22	

DIN	Dimensions	M 10x1	M 12x1.5	M 14x1.5	M 16x1.5	M 18x1.5	M 20x1.5	M 22x1.5
<b>908</b>  <p>The new product standard with an additional "light series" and hexalobular and triple square socket was not yet in its final version at the editorial deadline.</p>	$s$	5	6	6	8	8	10	10
	$t_{min}$	5	7	7	7.5	7.5	7.5	7.5
	$d_2$	14	17	19	21	23	25	27
	$c$	3	3	4	3	4	4	4
	Dimensions	M 24x1.5	M 26x1.5	M 27x2	M 30x1.5	M 30x2	M 33x2	M 36x1.5
	$s$	12	12	12	17	17	17	19
	$t_{min}$	7.5	9	9	9	9	9	10.5
	$d_2$	29	31	32	36	36	39	42
	$c$	4	4	4	4	4	5	5
	Dimensions	M 36x2	M 38x1.5	M 42x1.5	M 45x1.5	M 48x1.5	M 52x1.5	M 52x2
	$s$	19	19	22	22	24	24	32
	$t_{min}$	10.5	10.5	10.5	10.5	10.5	10.5	10.5
	$d_2$	42	42	49	52	55	60	64
	$c$	5	5	5	5	5	5	5
	Dimensions	M 56x2	M 64x2		G 1/8 A	G 1/4 A	G 3/8 A	G 1/2 A
	$s$	32	32		5	6	8	10
	$t_{min}$	14	14		5	7	7.5	7.5
	$d_2$	72	72		14	12	22	26
	$c$	5	5		3	3	3	4
	Dimensions	G 3/4 A	G 1 A	G 1 1/8 A	G 1 1/4 A	G 1 1/2 A	G 1 3/4 A	G 2 A
	$s$	12	17	19	22	24	32	32
	$t_{min}$	9	9	10.5	10.5	10.5	14	14
	$d_2$	32	39	44	49	55	62	68
	$c$	4	5	5	5	5	5	5