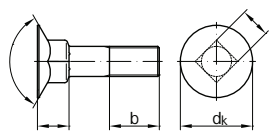
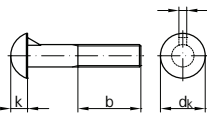




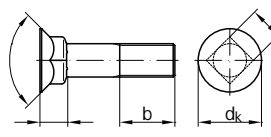
## Dimensions for screws and bolts

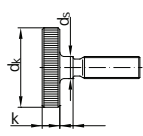
### Other screws with metric thread

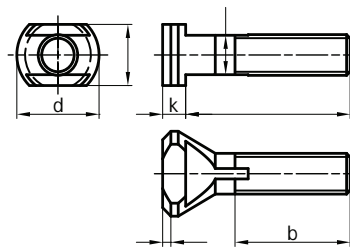
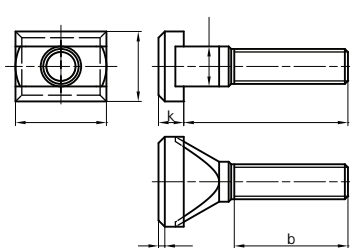
DIN	Dimensions	M 6	M 8	M 10	
605		$d_k$	16.55	20.65	24.65
	$f$	7.45	9.45	11.55	
	$b$	18	22	26	
	$v$	6.48	8.58	10.58	
	$a$	120°	120°	120°	

DIN	Dimensions	M 8	M 10	M 12	M 16	
607		$d_k$	16.55	19.65	24.65	30.65
	$k$	6.38	7.45	9.65	11.75	
	$g$	3	3.2	3.6	4.2	
	$b_1$	22	26	30	38	
	$b_2$	28	32	36	44	
	$b_3$	-	-	-	57	

$b_1$ ) for  $l \leq 125$  mm  
 $b_2$ ) for  $125 \text{ mm} < l \leq 200$  mm  
 $b_3$ ) for  $l > 200$  mm

DIN	Dimensions	M 8	M 10	M 12	M 16	
608		$d_k$	16	19.65	24.65	32
	$f$	7	8.45	11.05	13.5	
	$b$	22	26	30	38	
	$v$	8	10.58	12.7	16	
	$a$	90°	90°	90°	90°	

DIN	Dimensions	M 3	M 4	M 5	M 6	M 8	M 10	
653		$\text{Ø } d_k$	12	16	20	24	30	36
	$k_{\text{max}}$	2.5	3.5	4.0	5.0	6.0	8.0	
	$\text{Ø } d_s$	3	4	5	6	8	10	
	$e$	2	3	3	4	5	6	

DIN	Dimensions	M 8	M 10		
787	<p>head shape up to M12 x 12</p>  <p>head shape from M12 x 14*</p> 	$a_{\text{max}}$	7.7	9.7	
		$l$	32/40/50/65/80	32/40/50/65/100	
		$b$	20/30/35/40/45	20/30/35/40/60	
		$e_1/d_2$	13/16	15/20	
		$f$	1.6	1.6	
		$k$	6	6	
		for T-slots	8	10	
		Dimensions	M 12	M 16	
		$a_{\text{max}}$	11.7	15.7	17.7
		$l$	40/50/65/80/100/125/200/250/320	65/80/10/125/160/200/250	
$b$	30/35/40/50/60/70/100/120/120	40/50/60/70/80/100/120			
$e_1/d_2$	18/25	25	25		
$f$	2.5	2.5	2.5		
$k$	7	9	9		
for T-slots	12	16	18		
Dimensions	M 20	M 24			
$a_{\text{max}}$	19.7	23.7	27.7		
$l$	65/80/100/125/160/200/250/320/400	100/160/250/315			
$b$	40/50/60/70/80/100/120/120/120	60/80/120/120			
$e_1/d_2$	32	40	44		
$f$	2.5	(4)	4		
$k$	12	16	18		
for T-slots	20	24	28		

\*  $e_2 \approx e_1$