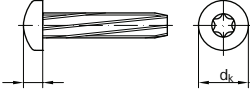


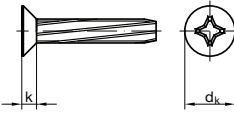
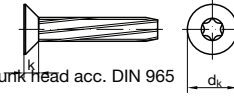
## Dimensions for screws and bolts

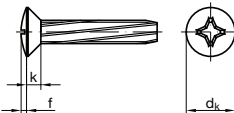



### Tapping screws, thread rolling screws and thread cutting screws

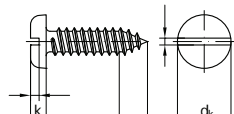
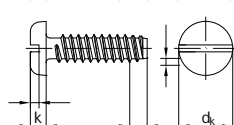
DIN	Dimensions	M 3	M 4	M 5	M 6	M 8
7516 A-H 	$d_{k\max}$	6	8	10	12	16
	$k_{\max}$	2.4	3.1	3.8	4.6	6
7516 AE-ISR 	cross recess size	1	2	2	3	4
	TORX size	T10	T20	T25	T30	T40
	core hole $\varnothing$ *)	2.7	3.6	4.5	5.5	7.4

type A: with pan head acc. to DIN 7985  
 \*) for materials with medium property classes

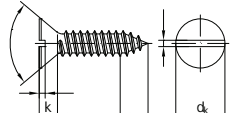
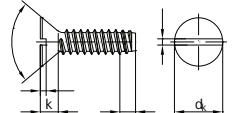
DIN	Dimensions	M 3	M 4	M 5	M 6	M 8
7516 DH 	$d_{k\max}$	5.6	7.5	9.2	11	14.5
	$k_{\max}$	1.65	2.2	2.5	3	4
7516 DE-ISR type D: with countersunk head acc. DIN 965 	cross recess size	1	2	2	3	4
	TORX size	T10	T20	T25	T30	T40

7516 EH 	$d_{k\max}$	5.6	7.5	9.2	11	14.5
	f	0.75	1	1.25	1.5	2
7516 EE-ISR 	$k_{\max}$	1.65	2.2	2.5	3	4
	cross recess size	1	2	2	3	4
	TORX size	T10	T20	T25	T30	T40
	core hole $\varnothing$ *)	2.7	3.6	4.5	5.5	7.4

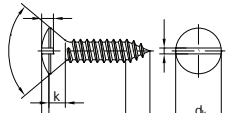
type E: with raised countersunk head acc. to DIN 966  
 \*) for materials with medium property classes

DIN (ISO)	Dimensions	ST 2.2	ST 2.9	ST 3.5	ST 3.9	ST 4.2	ST 4.8	ST 5.5	ST 6.3
7971 C (1481) 	$d_{k\text{ DIN / ISO}}$	4.2/4	5.6	6.9/7	7.5	8.2/8	9.5	10.8/11	12.5/12
	$k_{\text{ DIN / ISO}}$	1.35/1.3	1.75/1.8	2.1	2.25	2.45/2.4	2.8/3	3.2	3.65/3.6
7971 F (1481) 	n	0.6	0.8	1	1	1.2	1.2	1.6	1.6
	$t_{\min}$	0.55	1.75	0.95	1.05	1.15	1.35	1.55	1.8
	$y_{\text{ type C}}$	2	2.6	3.2	3.5	3.7	4.2	5	6
	$y_{\text{ type F}}$	1.6	2.1	2.5	2.7	2.8	3.2	3.6	3.6

assembly instructions → TI 184

DIN (ISO)	Dimensions	ST 2.2	ST 2.9	ST 3.5	ST 3.9	ST 4.2	ST 4.8	ST 5.5	ST 6.3
7972 C (1482) 	$d_{k\text{ DIN / ISO}}$	4.3/4.4	5.5/6.3	6.8/8.2	7.5	8.1/9.2	9.5/10.4	10.8/11.5	12.4/12.6
	$k_{\text{ DIN / ISO}}$	1.3/1.1	1.7	2.1/2.35	2.3	2.5/2.6	3/2.8	3.4/3	3.8/3.15
7972 F (1482) 	n	0.6	0.8	1	1	1.2	1.2	1.6	1.6
	$t_{\min}$	0.55	1.75	0.95	1.05	1.15	1.35	1.55	1.8
	$y_{\text{ type C}}$	2	2.6	3.2	3.5	3.7	4.2	5	6
	$y_{\text{ type F}}$	1.6	2.1	2.5	2.7	2.8	3.2	3.6	3.6

for screws acc. to ISO countersunk  $\leq 90^\circ$   
 assembly instructions → TI -184

DIN (ISO)	Dimensions	ST 2.2	ST 2.9	ST 3.5	ST 3.9	ST 4.2	ST 4.8	ST 5.5	ST 6.3
7973 C (1483) 	$d_{k\text{ DIN / ISO}}$	4.3/4.4	5.5/6.3	6.8/8.2	7.5	8.1/9.2	9.5/10.4	10.8/11.5	12.4/12.6
	$f_{\text{ DIN / ISO}}$	0.7/0.5	0.9/0.7	1.2/0.8	1.3	1.4/1	1.5/1.2	1.7/1.3	2/1.4
	$k_{\text{ DIN / ISO } \approx}$	1.3/1.1	1.7	2.1/2.35	2.3	2.5/2.6	3/2.8	3.4/3	3.8/3.15
	n	0.5	0.8	1	1	1.2	1.2	1.6	1.6
	$t_{\min}$	0.8	1.2	1.4	1.7	1.6	2	2.2	2.4
	y	2	2.6	3.2	3.5	3.7	4.3	5	6

for screws acc. to ISO countersunk  $\leq 90^\circ$   
 assembly instructions → TI -184