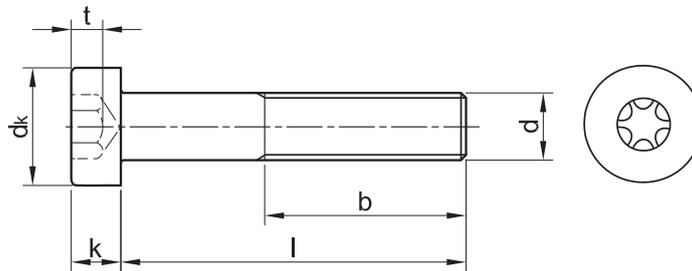


LOW CYLINDRICAL HEAD SCREWS WITH EXALOBULAR SOCKET

ISO METRIC COARSE THREAD

ISO UNI DIN
14580 - -



MATERIAL	STEEL				STAINLESS STEEL		
MECHANICAL PROPERTIES	ACCORDING TO ISO 898-1*				ACCORDING TO ISO 3506-1		
CLASS	8.8		10.9		A2	A4	
TOLLERANCES	ACCORDING TO ISO 4759-1 CAT A				ACCORDING TO ISO 4759-1 CAT A		
AVAILABLE TREATMENT	Black, White zinc plated or Yellow zinc plated according to RoHS. Other coatings on request						
<i>d</i>	M3	M4	M5	M6	M8	M10	
<i>dk</i>	5,5	7	8,5	10	13	16	
<i>k</i>	2,4	2,8	3,5	4	5	6	
<i>t</i> min	1,01	1,1	1,9	2,4	3,2	3,8	
<i>b</i> min	20	20	25	25	30	35	
<i>torx n.</i>	10	20	25	30	45	50	
<i>l</i>	Kg						
4	0,515						
5	0,56						
6	0,604	0,96					
8	0,692	1,12	2,26				
10	0,78	1,28	2,50	3,59			
12	0,868	1,44	2,74	3,94	8,06		
14	0,956	1,60	2,98	4,29	8,66		
16	1,04	1,76	3,22	4,64	9,25	14,40	
18		1,95	3,46	4,99	9,85	15,40	
20	1,22	2,15	3,77	5,34	10,5	16,4	
25	1,44	2,64	4,54	6,45	12,0	19,0	
30	1,66		5,31	7,56	14,0	21,6	
35				8,67	16,0	24,7	
40				9,78	18,0	27,8	
45					20,0	30,9	
50					22,0	34,0	
55					24,0	37,1	
60					26,0	40,2	
70						46,4	

Weight for 1000 pcs

Sizes above the green line have full thread.

The weights indicated are approximate. **Other sizes available on request.**

(*) The critical cross section of screws covered by this standard can, as consequence of the head geometry and the form of wrench engagement, be located below the hexagon socket and not in the thread. It is recommended that the screws should not be used for the transmission of high axial loads. The form of the key engagement permits the application of prestressing loads corresponding to 70% of the minimum yield point specified for properties of 8.8 screws. **For this reason the standard UNI EN ISO 898-1, paragraph 10.4, prescribes for new production a different marking, where the property class is preceded by the digit 0: it is 08.8 o 088, or the dot in the marking symbol may be omitted.**

