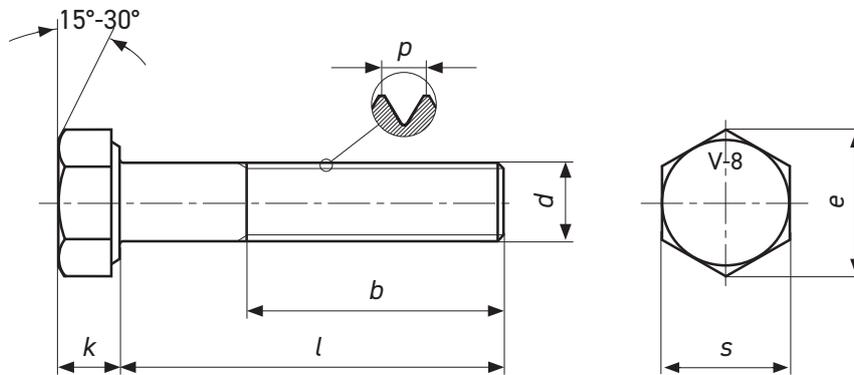


PARTIAL THREAD HEXAGON HEAD SCREWS

ISO METRIC COARSE THREAD

ISO UNI DIN
4014* 5737 931



MATERIAL	STEEL	STAINLESS STEEL
MECHANICAL PROPERTIES	ACCORDING TO ISO 898-1	ACCORDING TO ISO 3506-1
CLASS	<div style="display: flex; justify-content: space-around;"> <div style="background-color: #2e8b57; color: white; padding: 5px; border: 1px solid black;">4.8</div> <div style="background-color: #dc143c; color: white; padding: 5px; border: 1px solid black;">8.8</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="background-color: #008080; color: white; padding: 5px; border: 1px solid black;">10.9</div> <div style="background-color: #ffd700; color: black; padding: 5px; border: 1px solid black;">12.9</div> </div>	<div style="background-color: #90ee90; color: black; padding: 5px; border: 1px solid black; text-align: center;">A2-70</div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="background-color: #ffa500; color: black; padding: 5px; border: 1px solid black; text-align: center;">A4-70</div> <div style="background-color: #ffa500; color: black; padding: 5px; border: 1px solid black; text-align: center;">A4-80</div> </div>
TOLLERANCES	ACCORDING TO ISO 4759-1 CAT A-B-C	ACCORDING TO ISO 4759-1 CAT A-B-C
AVAILABLE TREATMENT	Black - White zinc plated or Yellow zinc plated according to RoHS, Hot dip galvanized - Other coatings on request	

d	M4	M5	M6	M7	M8	M10	M12	M14	M16	M18	M20
p	0,7	0,8	1	1	1,25	1,5	1,75	2	2	2,5	2,5
s*	7	8	10	11	13	17/16	19/18	22/21	24	27	30
k	2,8	3,5	4	4,8	5,3	6,4	7,5	8,8	10	11,5	12,5
e min	7,66	8,79	11,05	12,12	14,38	18,9	21,10	24,49	26,75	30,14	33,53
b ≤ 125	14	16	18	20	22	26	30	34	38	42	46
b 125 ÷ 200		22	24	26	28	32	36	40	44	48	52
b > 200					41	45	49	53	57	61	65

d	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48
p	2,5	3	3	3,5	3,5	4	4	4,5	4,5	5
s*	32/34	36	41	46	50	55	60	65	70	75
k	14	15	17	18,7	21	22,5	25	26	28	30
e min	35,72	39,98	45,2	50,85	55,37	60,79	66,14	71,3	76,95	82,6
b ≤ 125	50	54	60	66	72	78	84	90	96	102
b 125 ÷ 200	56	60	66	72	78	84	90	96	102	108
b > 200	69	73	79	85	91	97	103	109	115	121

(*) The ISO standard differs from DIN and UNI standards for the sizes "s" and "e" in the diameters M10, M12, M14, M22. The first hex key value refers to UNI and DIN, while the second value refers to ISO.



d	M4	M5	M6	M7	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	
20	2,63	4,08																				
25	3,12	4,86	6,99																			
30	3,61	5,64	8,06	12,70	16,10																	
35	4,04	6,42	9,13	13,60	18,20	31,93																
40	4,53	7,20	10,20	15,10	20,70	35,00	49															
45	5,03	7,98	11,30	16,60	22,20	38,00	54	76														
50	5,52	8,76	12,30	18,10	24,20	41,10	58	82	107	141	183											
55	6,02	9,54	13,40	19,50	25,80	43,80	63	88	115	151	195											
60	6,51	10,30	14,40	21,00	27,80	46,90	67	94	123	161	207	251	320		550	708	850					
65	7,01	11,10	15,50	22,50	29,80	50,00	70	99	131	171	219	266	338									
70	7,50	11,90	16,50	24,00	31,80	53,10	75	105	139	181	231	281	356	465	605	743	930					
75		12,70	17,60	25,50	33,70	56,20	79	111	147	191	243	296	374	488								
80		13,50	18,60	27,00	35,70	59,30	84	117	155	200	255	311	392	511	658	778	1010	1299				
85			19,70	28,50	37,70	62,40	88	123	163	210	267	326	410	534	685							
90		15,1	20,80	30,00	39,60	65,50	92	127	171	220	279	341	428	557	712	813	1090	1368				
95			21,9		41,6	68,60	96,8	133	179	230	291	356	446	580	739	882	1130					
100		16,7	23	33,10	43,6	71,70	101	139	186	240	303	370	464	603	767	951	1170	1443	1650			
105					45,6	74,80	105															
110			25,2		47,5	77,90	109	151	202	260	327	400	500	650	823	1020	1250	1510	1760	2170		
115					49,45	81,00	114															
120			27,4		51,4	84,10	118	164	218	280	351	430	535	695	880	1090	1330	1590	1870	2260	2580	
125					53,35	87,20	123															
130			29,6		55,3	90,30	127	174	230	296	374	450	560	720	920	1150	1400	1650	1980	2350	2720	
140			31,8		59,2	96,50	136	185	246	316	398	480	595	765	975	1220	1480	1740	2090	2480	2860	
150			34		63,1	102,70	145	196	262	336	422	510	630	810	1030	1290	1560	1830	2200	2600	3010	
160					67	108,9	153	207	278	356	446	546	665	855	1090	1350	1640	1930	2310	2730	3160	
170					70,9	115,1	162	218	294	376	470	570	700	900	1140	1410	1720	2020	2410	2850	3300	
180					74,8	121,3	171	229	310	396	494	594	735	945	1200	1480	1800	2120	2520	2980	3440	
190					78,7	127,5	180	240	326	416	519	629	770	990	1250	1540	1880	2210	2630	3100	3580	
200					82,6	133,7	188	251	342	436	544	654	805	1030	1310	1610	1970	2310	2740	3220	3720	
210					86,5	139,9	197	262	358	456	569	689	840	1075	1365	1675	2050	2400	2850	3340	3860	
220					90,4	146,1	206	273	373	476	595	715	870	1130	1420	1750	2130	2500	2960	3470	4010	
230					94,3	152,3	210	284	387	496	619	749	905	1176	1475	1820	2210	2600	3070	3600	4150	
240					98,2	158,5	219	295	403	516	645	775	940	1220	1530	1880	2290	2700	3180	3730	4290	
250					102,1	164,7	228	306	418	536	670	800	975	1265	1585	1950	2370	2800	3290	3860	4430	
260					106,0	170,9	237	317	434	556	695	830	1010	1310	1640	2020	2450	2900	3400	3990	4570	
270					109,9	177,1	246	328	449	576	720	860	1045									
280					113,8	183,3	255	339	465	596	745	890	1080	1400	1750	2150	2610	3100	3620	4250	4850	
290					117,7	189,5	264	350	480	616	770	920	1115									
300					121,6	195,7	273	361	496	636	795	950	1150	1490	1860	2290	2770	3300	3840	4500	5130	
310									512		680	820	1015									
320									528		705	845	1040	1380	1770					4757	5410	
330									544		720	870	1065									
340									560		735	895	1090	1420	1820							
350									576		750	910	1115									
360									592		765	925	1140	1460	1870							
370									608		780	940	1165									
380									624		795	955	1190	1500	1920							
390									640		810	970	1215									
400									656		825	985	1240	1540	1970							

l = LENGTH



Kg

Weight for 1000 pcs

(**) According to the norm sizes above the black line are Class A and below Class B.
For stainless steel A2 products, multiply the weight values for 1,01, A4 by 1,013.
The weights indicated are approximate. **Other sizes available on request.**

