

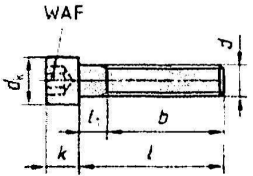
DE=	EN=	PT=	VN=
Hexagon socket head cap screws			

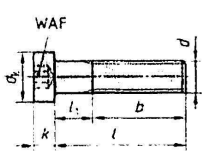
Hexagon socket head cap screws with coarse threads

cf. DIN EN ISO 4762 (2004-06)

Hexagon socket head cap screws, low head

cf. DIN 7984 (2002-12)

Valid standard	Replace	d	M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	
DIN EN ISO	DIN EN DIN	WAF	1,5	1,5	2	2,5	3	4	5	6	8	
		k	1,6	2	2,5	3	4	5	6	8	10	
		d _k	3	3,8	4,5	5,5	7	8,5	10	13	16	
4762	912	b	-	16	17	18	20	22	24	28	32	
		for l	-	20	25	≥25	≥30	≥30	≥35	≥40	≥45	
		l ₁	1,1	1,2	1,4	1,5	2,1	2,4	3	3,8	4,5	
		for l	≤16	≤16	≤20	≤20	≤25	≤25	≤30	≤35	≤40	
		l from to	2,5 16	3 20	4 25	5 30	6 40	8 50	10 60	12 80	16 100	
		Property classes	by agreement			8.8, 10.9, 12.9						
			Stainless steels A2-70, A4-70									
			d	M12	M16	M20	M24	M30	M36	M42	M48	M56
			WAF	10	14	17	19	22	27	32	36	41
			k	12	16	20	24	30	36	42	48	56
			d _k	18	24	30	36	45	54	63	72	84
		b	36	44	52	60	72	84	96	108	124	
		for l	≥55	≥65	≥80	≥90	≥110	≥120	≥140	≥160	≥180	
		l ₁	5,3	6	7,5	9	10,5	12	13,5	15	16,5	
		for l	≤50	≤60	≤70	≤80	≤100	≤110	≤30	≤35	≤40	
		l from to	20 120	25 160	30 200	40 200	45 200	45 200	60 300	70 300	80 300	
		Property classes	8.8, 10.9, 12.9						wie vereinbart as per agreement			
			A2-70, A4-70				A2-50, A4-50					
Product grades (page 211)		Nominal lengths l	2.5, 3, 4, 5, 6, 8, 10, 12, 16, 20, 25, 30-65, 70, 80-150, 160, 180, 200, 220, 240, 260, 280, 300 mm									
Threads d	Grade		Cap screw ISO 4762 - M10 x 55 - 10.9: d= M10, l= 55 mm, property class 10.9									
M1.6 - M56	A											

	d	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
	WAF	2	2,5	3	4	5	7	8	12	14	17
	k	2	2,8	3,5	4	5	6	7	9	11	13
	d _k	5,5	7	8,5	10	13	16	18	24	30	36
	b	12	14	16	18	22	26	30	38	44	46
	for l	≥20	≥25	≥30	≥30	≥35	≥40	≥50	≥60	≥70	≥90
	l ₁	1,5	2,1	2,4	3	3,8	4,5	5,3	6	7,5	9
	for l	≤16	≤20	≤25	≤25	≤30	≤35	≤45	≤50	≤60	≤80
	l from to	5 20	6 25	8 30	10 40	12 80	16 100	20 80	30 80	40 100	50 100
	Product grades (page 211)	Nominal lengths l	5, 6, 8, 10, 12, 16, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100 mm								
	Property classes	8.8, A2-70, A4-70									
Thread d	Grade	Cap screw DIN 7984 - M12 x 50 - A2-70 d=M12, l= 50 mm, property class A2-70									
M3 - M24	A										

gez/erfasst:	hpw	Datum: 2009	eduction project	Zylinderschrauben	translate/en_iwhp/p_cu/vn_ha	origin: Machine elements S 215
Aenderung:	an	Datum: 19.06.2015	WIAP KFKOK	Hexagon socket head cap screws	r2	Wi_8_f_19_i20_r2_215_hex_socket_head_
Aenderung:	control 2	Data:	Safenwil Schweiz	spear 2	www.wiap.ch	idee of / from HPW