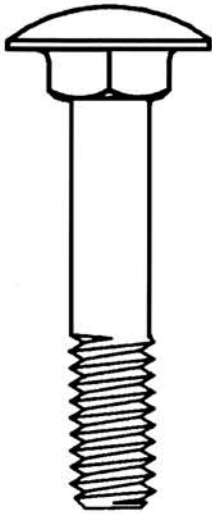


Dia.	M6			M8			Dia.
Length	Std. Pack	Zinc	Std. Pack	Galv.	Zinc	Length	
20	200	*	100	*	*	20	
25	200	*	100	*	*	25	
30	150	*	75	*	*	30	
35	150	*				35	
40	150	*	75	*	*	40	
45	150	*	50	*	*	45	
50	150	*	50	*	*	50	
55	150	*	50	*	*	55	
60	150	*	50	*	*	60	
65	150	*	50	*	*	65	
70	150	*	50	*	*	70	
75	125	*	50	*	*	75	
80	125	*	50		*	80	
90	100	*	50	*	*	90	
100	100	*	50	*	*	100	
110	100	*	50	*	*	110	
130	100	*	50	*	*	130	
140			50	*	*	140	
150	100	*	50	*	*	150	
160						160	
180						180	
190						190	
200						200	
Dia.	M10			M12			Dia.
Length	Std. Pack	Galv.	Zinc	Std. Pack	Galv.	Zinc.	Length
20	100		*				20
25	100	*	*				25
30	100	*	*	50	*		30
35							35
40	75	*	*	50	*		40
45							45
50	75	*	*	50	*		50
55							55
60	50	*	*				60
65	50	*	*	25	*		65
70	50	*	*	25	*		70
75	50	*	*	25	*		75
80	50	*	*				80
85							85
90	50	*	*	25	*		90
100	50	*	*	25	*		100
110	50	*	*	25	*		110
120	50	*		25	*		120
130	50	*	*	25	*		130
140	50	*		25	*		140
150	50	*	*	25	*		150
160	50	*		25	*		160
170	50	*		25	*		170
180	50	*		25	*		180
190	40	*		20	*		190
200	40	*	*	20	*		200
220	40	*		20	*		220
240	40	*		20	*		240
260	40	*		20	*		260
280	40	*		20	*		280
300	40	*		20	*		300
325				20	*		325
350				20	*		350
375							375
400							400

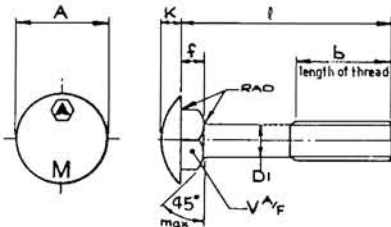




Dia. Length	M16		M20		Dia. Length
	Std. Pack	Galv	Std. Pack	Galv	
50	50	*			50
60					60
65	50	*			65
70					70
75	50	*			75
90	50	*			90
100	50	*			100
110	50	*			110
130	50	*			130
150	50	*			150
160					160
165					165
180	50	*			180
200	50	*			200
220	50	*			220
240	50	*			240
250	50	*			250
260	50	*			260
280	50	*			280
300					300
325					325
350					350
375					375
400					400
450	25	*			450
500					500

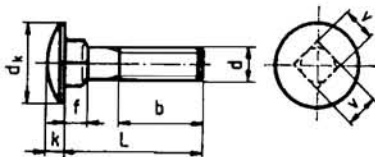
Metric Cup Head, Square Neck Bolts and Nuts.
Mild Steel
Relevant Australian Standard 1390

1. DIMENSIONS



Nominal Diameter (mm) D	Pitch of Thread P	Shank Diameter D1		Head Diameter A		Head Thickness k		Length of Square Neck f		Across Flats of Square Neck V	
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
6	1.0	5.97	5.20	13.50	12.40	3.6	3.0	3.6	3.0	6.48	5.52
8	1.25	7.97	7.00	18.00	16.90	4.8	4.0	4.8	4.0	8.58	7.42
10	1.5	9.55	8.80	22.50	21.20	5.8	5.0	5.8	5.0	10.58	9.42
12	1.75	11.96	10.60	27.00	25.70	6.8	6.0	6.8	6.0	12.70	11.30
16	2.00	15.96	14.50	36.00	34.40	8.9	8.0	8.9	8.0	16.70	15.30
20	2.50	19.96	18.10	45.00	43.40	10.9	10.0	10.9	10.0	20.84	19.16

DIN : 603



d	M6	M8	M10	M12	M16
P	1	1,25	1,5	1,75	2
b ₁)	18	22	26	30	38
b ₂)	24	28	32	36	44
b ₃)	-	41	45	49	57
dk	16	20	24	30	38
f	4	5	6	8	12
k	3,5	4,5	5	6,5	8,5
v	6	8	10	12	16



ISOMETRIC CUP HEAD BOLTS AND NUTS

Kgs per100

Length	M6	M8	M10	M12	M16	M20	Length
20	0.8	1.6					20
25	0.9	1.8	3.3				25
30	0.9	1.9	3.5	5.4			30
40	1.1	2.2	4.0	6.1			40
45	1.2	2.4	4.3	6.5			45
50	1.3	2.6	4.5	6.8	14.1		50
60	1.5	2.9	5.0	7.5	15.5		60
65	1.5	3.0	5.2	7.9	15.6	25.7	65
70	1.7	3.2	5.5	8.2	16.2	27.0	70
75	1.7	3.3	5.7	8.6	16.7	28.3	75
85	1.9	3.6	6.4	9.1	17.5	30.2	85
90	2.0	3.8	6.5	9.6	18.3	32.1	90
100	2.1	4.1	7.0	10.3	19.4	34.0	100
120	2.5	4.7	7.9	11.8	23.3	37.5	120
130	2.6	5.0	8.4	12.5	25.1	39.4	130
140	2.8	5.3	8.9	13.2	25.7	40.0	140
150	3.0	5.6	9.4	13.9	26.3	42.8	150
170		6.5	11.3	16.7	32.1	49.5	170
180		7.0	11.9	17.6	32.8	56.2	180
190		7.5	12.5	18.5	34.4	58.7	190
200		7.9	13.1	19.4	36.0	61.1	200
220			14.7	21.1	39.0	65.9	220
240			15.5	22.9	42.1	70.7	240
260			17.2	24.7	45.2	75.7	260
280			18.5	26.4	48.4	80.6	280
300			19.8	28.2	51.5	85.5	300
325			20.7	30.3	55.3	91.7	325
350			22.3	32.5	59.2	97.8	350
375			23.8	34.7	63.2	104.0	375
400			25.3	36.9	67.1	110.1	400
450				41.4	75.0	122.4	450
500				45.8	82.9	134.7	500
550					90.8	147.0	550
600					98.7	159.3	600

