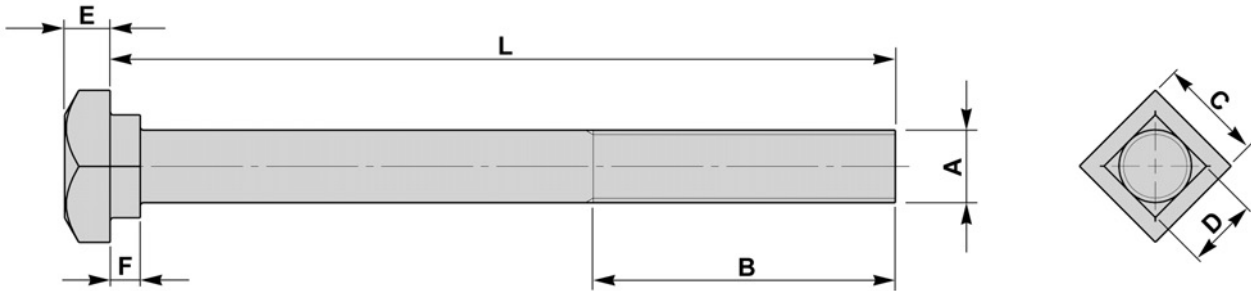


BS 7419 - SQ SQ HOLDING DOWN BOLTS

BFE 3



THREAD DIA	A	M16	M20	M24	M30	M36	M42	M48	M56	M64
B	MAX	122	127.5	133	140.5	148	155.5	163	172.5	182
	MIN	116	120	124	130	136	142	148	156	164
SHANK DIA	MAX	16.7	20.84	24.84	30.84	37	43	49	57.2	65.2
	MIN	15.3	19.16	23.16	29.16	35	41	47	54.8	62.8
C	MAX	24	30	36	46	55	65	75	85	95
	MIN	23.16	29.16	35	45	53.8	63.1	73.1	82.8	92.8
D	MAX	16.7	20.84	24.84	30.84	37	43	49	57.2	65.2
	MIN	15.3	19.16	23.16	29.16	35	41	47	54.8	62.8
E	NOM	10	12.5	15	18.7	22.5	26	30	35	40
	MIN	9.25	11.6	14.1	17.65	21.45	24.95	28.95	33.75	38.75
	MAX	10.75	13.4	15.9	19.75	23.55	27.05	31.05	36.25	41.25
F	NOM	8	10	12	15	18	21	24	28	32
	MIN	7.25	9.25	11.1	14.1	17.1	19.95	22.95	26.95	30.75
	MAX	8.75	10.75	12.9	15.9	18.9	22.05	25.05	29.05	33.25
L	FOR DIMENSIONS SEE TABLE OPPOSITE NON STANDARD LENGTHS AVAILABLE UPON REQUEST									



M16 - M72
UP TO 6000MM LENGTH
IN 8.8 GRADE

BS 7419 - SQ SQ HOLDING DOWN BOLTS

NOMINAL LENGTH (L) OF PREFERRED SIZES INCLUDING WEIGHTS

THREAD DIAMETERS

M16		M20		M24		M30		M36	
mm	Weight (kg)	mm	Weight (kg)	mm	Weight (kg)	mm	Weight (kg)	mm	Weight (kg)
300	0.53	300	0.85	---	---	---	---	---	---
375	0.64	375	1.03	375	1.51	---	---	---	---
450	0.76	450	1.22	450	1.78	450	2.90	450	4.22
525	0.88	525	1.43	525	2.04	525	3.35	525	4.82
600	1.00	600	1.58	600	2.31	600	3.77	600	5.42
---	---	750	1.95	750	2.84	750	4.60	750	6.62
---	---	1000	2.00	1000	3.72	1000	5.95	1000	8.62
---	---	---	---	1250	4.61	1250	7.34	1250	10.62

TOLERANCES ON NOMINAL LENGTH (L)

NOMINAL LENGTH (mm)	TOLERANCE (mm)
250 < L ≤ 315	± 5.2
315 < L ≤ 400	± 5.7
400 < L ≤ 500	± 6.3
500 < L ≤ 630	± 7.0
630 < L ≤ 800	± 8.0
800 < L ≤ 1000	± 9.0
1000 < L ≤ 1250	± 10.5
> 1250	PER AGREEMENT

EXTRA TOLERANCE

Square square bolts are designed to be used with washer plates.

When located in position the square under head slots into the hole, preventing rotation when tightening.

This application also gives tolerance for lining up with structural stanchion base plates.

WASHER PLATES - PAGE 39

MATERIAL

CARBON STEELS
ALLOY STEELS
B7, 4.6, 5.6, 8.8

FINISH

SELF COLOUR
GALVANISED
ELECTROPLATED
SHERARDISED
PTFE COATING

NON STANDARD LENGTHS BOTH SHORTER AND LONGER THAN SHOWN ARE AVAILABLE

UP TO 6000MM LONG ON REQUEST

