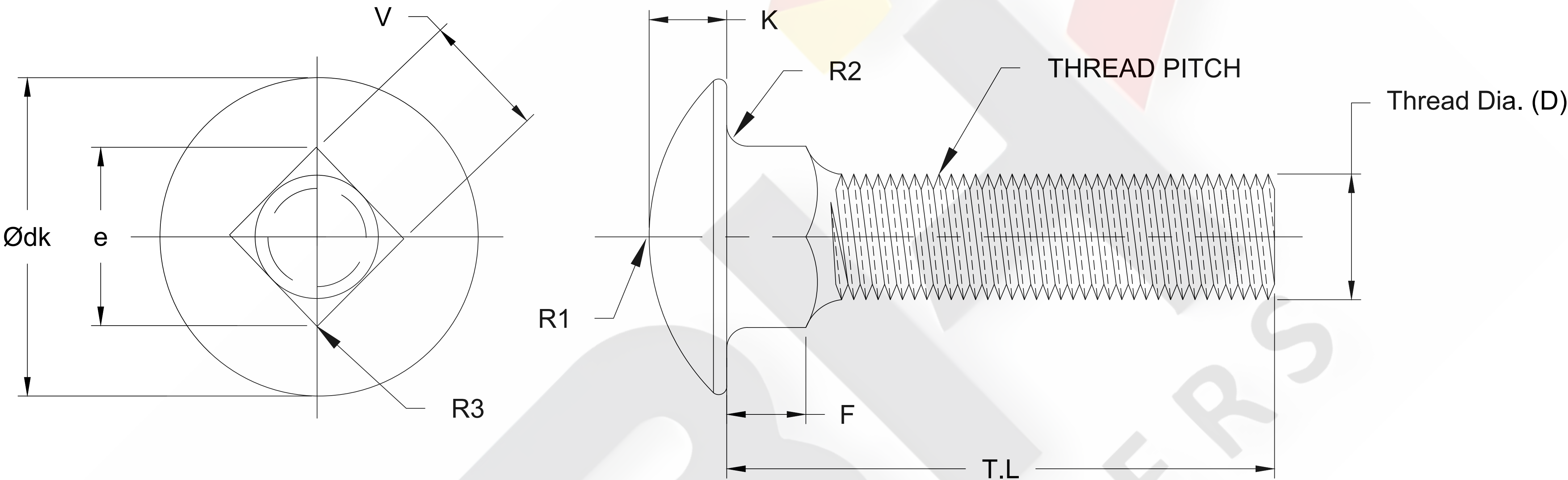

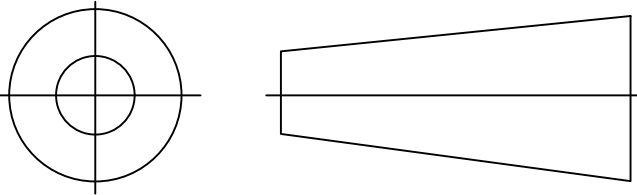


ROUND HEAD SQUARE KNECK-CARRIAGE BOLT (DIN 603)



- Note:-
- 1. All Dim. are in mm.
 - 2. Mechanical & Chemical properties as per specified grade.

				Description:- ROUND HEAD SQUARE KNECK-CARRIAGE BOLT (DIN 603)			
				Grade	--	Finish	--
				Material	--	Stamp	---
Drawing No.	CBH-08-1241C	Customer Name	---	Drawn By.	Rupinder Singh	Drawn Date	27-08-2021
Rev No.	00	P.O No.	---	Checked By.	Rupinder Singh	Checked Date	27-08-2021
Rev Date.	---	Part No.	---	Verified By.	---	Verified Date	---
CBH Control No.	---	Reference Std	--	Approved By.	---	Approved Date	---
				 			
				Capital Bolts and Hardware			
				Drawing-Not to scale			
				Size A4			
				Sheet 1 of 1			


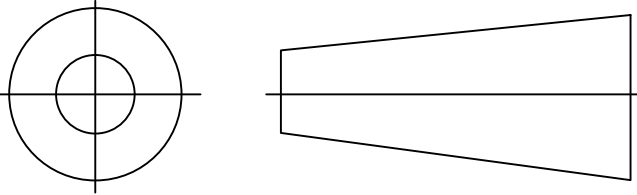
ROUND HEAD SQUARE KNECK-CARRIAGE BOLT (DIN 603)

Specifications								
Screw Thread		M5	M6	M8	M10	M12	M16	M20
P	Pitch	0.8	1	1.25	1.5	1.75	2	2.5
dk	max	13.55	16.55	20.65	24.65	30.65	38.8	46.8
	min	12.45	15.45	19.35	23.35	29.35	37.2	45.2
F	max	4.1	4.6	5.6	6.6	8.75	12.9	15.9
	min	2.9	3.4	4.4	5.4	7.25	11.1	14.1
k	max	3.3	3.88	4.88	5.38	6.95	8.95	11.05
	min	2.7	3.12	4.12	4.62	6.05	8.05	9.95
R1	≈	10.7	12.6	16	19.2	24.1	29.3	33.9
R2	max	0.5	0.5	0.5	0.5	1	1	1
R3	max	0.75	0.9	1.2	1.5	1.8	2.4	3
V	max	5.48	6.48	8.58	10.58	12.7	16.7	20.84
	min	4.52	5.52	7.42	9.42	11.3	15.3	19.16
WEIGHT FOR L100M		-	25	44.8	69.9	105	197	322
THREAD DIA.		4.82-4.97	5.81-5.97	7.78-7.97	9.75-9.96	11.72-11.96	15.72-15.96	19.70-19.95

TOTAL LENGTH TOLERANCE		
NOM L	MIN.	MAX.
16	15.1	16.9
20	19	21
25	24	26
30	29	31
35	34	36
40	39	41
45	44	46
50	49	51
55	54	56
60	59	61
65	64	66
70	69	71
80	79	81
90	89	91
100	98.5	101.5
110	108.5	111.5
120	118.5	121.5
130	128.5	131.5
140	138.5	141.5
150	148.5	151.5
160	158.5	161.5
180	178.5	181.5
200	198.5	201.5

Note:-

- All Dim. are in mm.
- Mechanical & Chemical properties as per specified grade.

				Grade	--	Finish	--	Description:- ROUND HEAD SQUARE KNECK-CARRIAGE BOLT (DIN 603)		
				Material	--	Stamp	---			
Drawing No.	CBH-08-1241C	Customer Name	---	Drawn By.	Rupinder Singh	Drawn Date	27-08-2021	 <div>Capital Bolts and Hardware</div> 		
Rev No.	00	P.O No.	---	Checked By.	Rupinder Singh	Checked Date	27-08-2021			
Rev Date.	---	Part No.	---	Verified By.	---	Verified Date	---			
CBH Control No.	---	Reference Std	--	Approved By.	---	Approved Date	---			
								Drawing-Not to scale	Size A4	Sheet 1 of 1