



### DIN 603 Round Bolt

Leader-Fastener is a manufacturer and distributor of **DIN 603 Round Bolt**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business by topping quality, knight service and

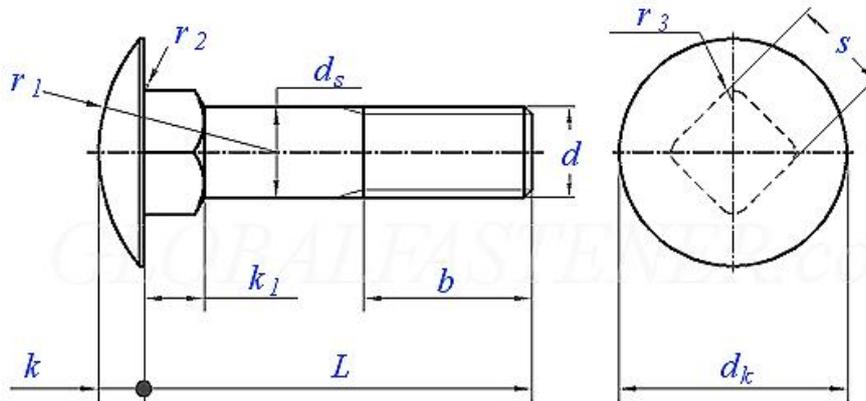
competitive price in the near future and be your friends as well.

### DIN 603 - Mushroom head square neck bolts

Metric Carriage Bolts have a low-profile dome head, square neck to prevent rotation and coarse machine screw threads. Supplied without hex nuts, choose from Class 4.6 and 8.8 steel and stainless steel. Plain finish and zinc plated are typical finishes. They are also called Coach Bolts, Carriage Screws and Shaker Screen Bolts when fully threaded. Metric **DIN 603 mushroom head square neck carriage bolts** have a smooth domed head that prevents them from being tightened or loosened from above. The square shoulder below the head is designed to self-anchor into wood and resists turning when the nut is tightened on the threaded shaft.

**DIN 603 carriage bolt**, the head is large and round, and there is a square neck under the head, so it is also called a large semi-circular head square neck bolt. Put the carriage bolt into the groove, and the square neck of the head is embedded in the groove of the connected piece, which can prevent the bolt from rotating in the same direction during the installation process, and can also move in parallel in the groove. **DIN 603 carriage bolts** are generally used for marble installation of dry pendants. When tightening, the bolt rod will not rotate due to the function of the square neck, which is convenient for fixing and installation. It is mainly used in some places where countersunk head screws are required. Since the head of the carriage bolt is round, there is no design of available power tools such as cross grooves or hexagon sockets, which can also play a role in preventing theft in the actual connection process.

### DIN 603 - 2017 Cup Head Square Neck Bolts



Screw Thread		M5	M6	M8	M10	M12	M16	M20
d								
P	Pitch	0.8	1	1.25	1.5	1.75	2	2.5
b	L≤125	16	18	22	26	30	38	46
	125<L≤200	22	24	28	32	36	44	52
	L>200	/	/	41	45	49	57	65
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
ds	max	5	6	8	10	12	16	20
	min	4.52	5.52	7.42	9.42	11.3	15.3	19.16
k1	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
s	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 of per 1000 steel products(≈kg)		-	-	-	-	-	-	-
Length of Thread b		-	-	-	-	-	-	-

**Material:**

a) Steel, Strength class: 4.6,4.8,8.8 Standard DIN EN ISO 898-1

b) Stainless steel, Strength class: A2-70,A4-70 Standard DIN EN ISO 3506-1