



DIN 7990 Hex Bolt

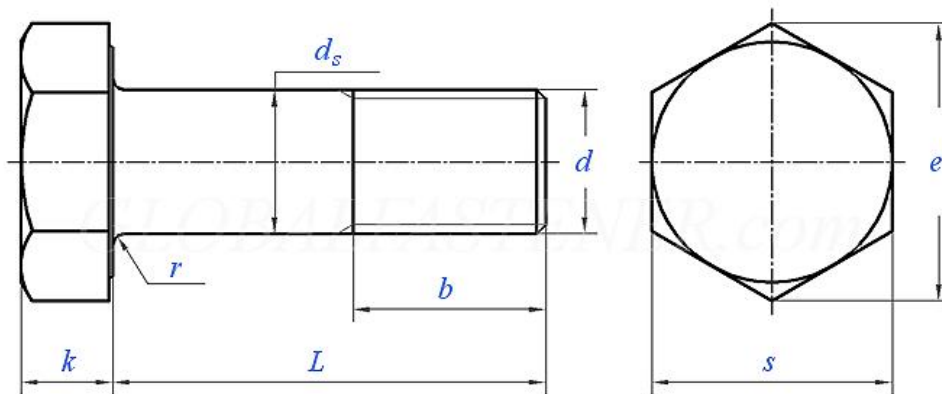
Leader-Fastener is a manufacturer and distributor of **DIN 7990 Hex Bolt**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist 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 7990 - Hexagon head bolts for steel structures

DIN 7990 Hex Head Bolt with Hex Nut for steel structures by Material, Finish and Size. Heavy Hex Bolts have larger and thicker heads than hex machine bolts and are commonly used in light construction and machinery. Heavy hex bolts with forged heads are also used as headed anchor bolts. Heavy Hex Bolts are covered under ASME B18.2.1.

DIN 7990 - 2017 Hexagon Head Bolts With Hexagon Nut For Steel Structures



Thread Size	M12	M16	M20	M24	M27	M30	
d							
P	Pitch	1.75	2	2.5	3	3	3.5
b		20.5	24.5	28.5	33	35.5	38.5

d _s	Nominal Size	12	16	20	24	27	30
	min	11.3	15.3	19.16	23.16	26.16	29.16
	max	12.7	16.7	20.84	24.84	27.84	30.84
e	min	19.85	26.17	32.95	39.55	45.2	50.85
k	Nominal Size	8	10	13	15	17	19
	min	7.55	9.25	12.1	14.1	16.1	17.95
	max	8.45	10.75	13.9	15.9	17.9	20.05
s	max=nominal size	18	24	30	36	41	46
	min	17.57	23.16	29.16	35	40	45
r	min	0.6	0.6	0.8	0.8	1	1
per 1000 units≈kg	nut	15.3	36.5	69.3	119	170	234
Weight of per 1000 steel products(≈kg)		-	-	-	-	-	-

Material:

Steel, Strength grade: 4.6, 5.6(bolt)/5-2(nut); bolt by standard DIN EN ISO 898-1, nut by standard DIN EN ISO 898-2, assemblies by DIN EN 15048-2

Note: Nut grade 5 suffix -2 is for determination of strength grade, do not use free cutting steel and Thomas steel nuts