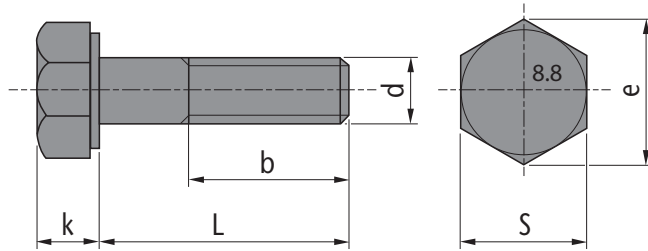


TORNILLO HEXAGONAL ACERO AL CARBONO DIN 931

CARBON STEEL HEXAGONAL BOLT DIN 931



Clase 8.8 - Class 8.8



INFORMACIÓN TÉCNICA - TECHNICAL INFORMATION

Designación - Designation		DIMENSIONES - DIMENSIONS					Peso aprox. 1000 unid. Weight aprox. 1000 units (kg)
COD.	Métrica - Metrics d	L (mm)	S (mm)	k (mm)	e (mm)	b (mm)	
T8310860	M8	60	13	5,3	14,38	22	27,8
T8311050	M10	50	17	6,4	18,90	26	41,1
T8311060	M10	60	17	6,4	18,90	26	46,9
T8311070	M10	70	17	6,4	18,90	26	53,1
T8311080	M10	80	17	6,4	18,90	26	59,3
T8311090	M10	90	17	6,4	18,90	26	65,5
T8311010	M10	100	17	6,4	18,90	26	71,7
T8311012	M10	120	17	6,4	18,90	26	90,0
T8311240	M12	40	19	7,5	21,10	30	62,0
T8311250	M12	50	19	7,5	21,10	30	58,1
T8311255	M12	55	19	7,5	21,10	30	62,6
T8311260	M12	60	19	7,5	21,10	30	67,0
T8311270	M12	70	19	7,5	21,10	30	74,7
T8311280	M12	80	19	7,5	21,10	30	83,6
T8311290	M12	90	19	7,5	21,10	30	92,4
T8311210	M12	100	19	7,5	21,10	30	101,0
T8311211	M12	110	19	7,5	21,10	30	109,0
T8311212	M12	120	19	7,5	21,10	30	118,0
T8311214	M12	140	19	7,5	21,10	36	136,0
T8311450	M14	50	22	8,8	24,49	34	79,4
T8311455	M14	55	22	8,8	24,49	34	85,3
T8311460	M14	60	22	8,8	24,49	34	91,2
T8311470	M14	70	22	8,8	24,49	34	103,1
T8311480	M14	80	22	8,8	24,49	34	115,0
T8311490	M14	90	22	8,8	24,49	34	126,7
T8311410	M14	100	22	8,8	24,49	34	139,0
T8311412	M14	120	22	8,8	24,49	34	162,0
T8311413	M14	130	22	8,8	24,49	40	170,0
T8311414	M14	140	22	8,8	24,49	40	182,0
T8311650	M16	50	24	10,0	26,75	38	103,0
T8311655	M16	55	24	10,0	26,75	38	115,0
T8311660	M16	60	24	10,0	26,75	38	123,0
T8311665	M16	65	24	10,0	26,75	38	131,0
T8311670	M16	70	24	10,0	26,75	38	139,0

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TORNILLO HEXAGONAL ACERO AL CARBONO DIN 931

CARBON STEEL HEXAGONAL BOLT DIN 931



INFORMACIÓN TÉCNICA - TECHNICAL INFORMATION

Designación - Designation		DIMENSIONES - DIMENSIONS					Peso aprox. 1000 unid. Weight aprox. 1000 units (kg)
COD.	Métrica - Metrics d	L (mm)	S (mm)	k (mm)	e (mm)	b (mm)	
T8311675	M16	75	24	10,0	26,75	38	147,0
T8311680	M16	80	24	10,0	26,75	38	155,0
T8311690	M16	90	24	10,0	26,75	38	171,0
T8311610	M16	100	24	10,0	26,75	38	186,0
T8311611	M16	110	24	10,0	26,75	38	202,0
T8311612	M16	120	24	10,0	26,75	38	218,0
T8311613	M16	130	24	10,0	26,75	44	230,0
T8311614	M16	140	24	10,0	26,75	44	246,0
T8311615	M16	150	24	10,0	26,75	44	262,0
T8311616	M16	160	24	10,0	26,75	44	278,0
T8311618	M16	180	24	10,0	26,75	44	310,0
T8311620	M16	200	24	10,0	26,75	44	342,0
T8311860	M18	60	27	11,5	30,14	42	153,0
T8311870	M18	70	27	11,5	30,14	42	181,0
T8311880	M18	80	27	11,5	30,14	42	200,0
T8311890	M18	90	27	11,5	30,14	42	220,0
T8311810	M18	100	27	11,5	30,14	42	240,0
T8311811	M18	110	27	11,5	30,14	42	260,0
T8311812	M18	120	27	11,5	30,14	42	280,0
T8311813	M18	130	27	11,5	30,14	48	296,0
T8311814	M18	140	27	11,5	30,14	48	316,0
T8311815	M18	150	27	11,5	30,14	48	336,0
T8311816	M18	160	27	11,5	30,14	48	356,0
T8311818	M18	180	27	11,5	30,14	48	396,0
T8311820	M18	200	27	11,5	30,14	48	435,0
T8312060	M20	60	30	12,5	33,53	46	196,0
T8312070	M20	70	30	12,5	33,53	46	231,0
T8312080	M20	80	30	12,5	33,53	46	255,0
T8312090	M20	90	30	12,5	33,53	46	279,0
T8312010	M20	100	30	12,5	33,53	46	303,0
T8312011	M20	110	30	12,5	33,53	46	327,0
T8312012	M20	120	30	12,5	33,53	46	351,0
T8312013	M20	130	30	12,5	33,53	52	374,0
T8312014	M20	140	30	12,5	33,53	52	398,0
T8312015	M20	150	30	12,5	33,53	52	422,0
T8312016	M20	160	30	12,5	33,53	52	446,0
T8312018	M20	180	30	12,5	33,53	52	494,0
T8312020	M20	200	30	12,5	33,53	52	544,0
T8312270	M22	70	32	14,0	35,72	50	281,0
T8312280	M22	80	32	14,0	35,72	50	311,0
T8312290	M22	90	32	14,0	35,72	50	341,0
T8312210	M22	100	32	14,0	35,72	50	370,0
T8312211	M22	110	32	14,0	35,72	50	400,0

TORNILLO HEXAGONAL ACERO AL CARBONO DIN 931

CARBON STEEL HEXAGONAL BOLT DIN 931



INFORMACIÓN TÉCNICA - TECHNICAL INFORMATION

Designación - Designation		DIMENSIONES - DIMENSIONS					Peso aprox. 1000 unid. Weight aprox. 1000 units (kg)
COD.	Métrica - Metrics d	L (mm)	S (mm)	k (mm)	e (mm)	b (mm)	
T8312410	M24	100	36	15,0	39,98	54	464,0
T8312411	M24	110	36	15,0	39,98	54	500,0
T8312412	M24	120	36	15,0	39,98	54	535,0
T8312413	M24	130	36	15,0	39,98	60	560,0
T8312414	M24	140	36	15,0	39,98	60	595,0
T8312415	M24	150	36	15,0	39,98	60	630,0
T8312416	M24	160	36	15,0	39,98	60	665,0
T8312418	M24	180	36	15,0	39,98	60	735,0
T8312420	M24	200	36	15,0	39,98	60	805,0
T8312712	M27	120	41	17,0	45,20	60	695,0
T8313013	M30	130	46	18,7	50,85	72	920,0
T8313314	M33	140	50	21,0	55,37	78	1480,0

CARACTERÍSTICAS BÁSICAS

- Cabeza hexagonal.
- Rosca métrica.
- Dimensiones conforme a la norma DIN 931 (EN ISO 4014).
- Material: Acero al carbono (clase 8.8) zincado.

Observaciones:

Dada la complejidad, variedad y gran cantidad de especificaciones particulares de cada instalación, en conjunción con la existencia de diversos factores que pueden afectar a las condiciones de trabajo y naturaleza del producto, es responsabilidad del usuario final realizar los ensayos necesarios para garantizar el correcto funcionamiento del producto en cada aplicación concreta. La instalación del producto deberá realizarse y mantenerse siguiendo códigos de buena práctica y/o estándares existentes.

BASIC FEATURES

- Hexagonal head.
- Metric thread.
- Dimensions according to DIN 931 standard (EN ISO 4014).
- Material: Carbon steel (class 8.8) zinc coated.

Remarks:

Due to the complexity, variety and large number of particular specifications for each installation, along with the existence of diverse factors which can affect the working conditions and nature of the product, it is the responsibility of the end-user to carry out the necessary tests to ensure the proper functioning of the product in any specific application. Product installation must be carried out and maintained following the good practice codes and/or updated technical standards.

Nota : Debido al constante desarrollo de nuestros productos, los datos suministrados pueden ser alterados sin previo aviso.

Note : Due to the continuous development of our products, specifications may be changed without notification at any time.

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