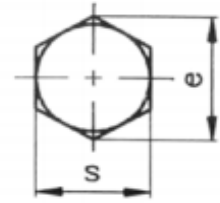
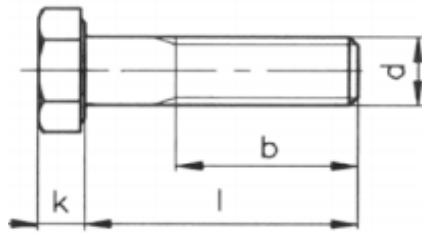
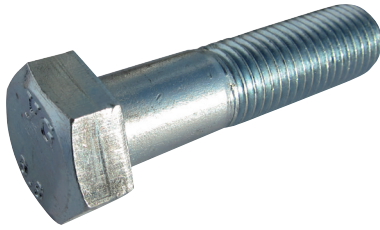


# TORNILLO HEXAGONAL ACERO AL CARBONO DIN 931

## 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)	
T0310860	M8	60	13	5,3	14,38	22	27,8
T0311050	M10	50	17	6,4	18,90	26	41,1
T0311060	M10	60	17	6,4	18,90	26	46,9
T0311070	M10	70	17	6,4	18,90	26	53,1
T0311080	M10	80	17	6,4	18,90	26	59,3
T0311090	M10	90	17	6,4	18,90	26	65,5
T0311010	M10	100	17	6,4	18,90	26	71,7
T0311012	M10	120	17	6,4	18,90	26	90,0
T0311240	M12	40	19	7,5	21,10	30	62,0
T0311250	M12	50	19	7,5	21,10	30	58,1
T0311255	M12	55	19	7,5	21,10	30	62,6
T0311260	M12	60	19	7,5	21,10	30	67,0
T0311270	M12	70	19	7,5	21,10	30	74,7
T0311280	M12	80	19	7,5	21,10	30	83,6
T0311290	M12	90	19	7,5	21,10	30	92,4
T0311210	M12	100	19	7,5	21,10	30	101,0
T0311211	M12	110	19	7,5	21,10	30	109,0
T0311212	M12	120	19	7,5	21,10	30	118,0
T0311214	M12	140	19	7,5	21,10	36	136,0
T0311450	M14	50	22	8,8	24,49	34	79,4
T0311455	M14	55	22	8,8	24,49	34	85,3
T0311460	M14	60	22	8,8	24,49	34	91,2
T0311470	M14	70	22	8,8	24,49	34	103,1
T0311480	M14	80	22	8,8	24,49	34	115,0
T0311490	M14	90	22	8,8	24,49	34	126,7
T0311410	M14	100	22	8,8	24,49	34	139,0
T0311412	M14	120	22	8,8	24,49	34	162,0
T0311413	M14	130	22	8,8	24,49	40	170,0
T0311414	M14	140	22	8,8	24,49	40	182,0
T0311635	M16	35	24	10,0	26,75	38	83,5
T0311640	M16	40	24	10,0	26,75	38	90,2
T0311650	M16	50	24	10,0	26,75	38	103,0
T0311655	M16	55	24	10,0	26,75	38	115,0
T0311660	M16	60	24	10,0	26,75	38	123,0
T0311665	M16	65	24	10,0	26,75	38	131,0
T0311670	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)	
T0311675	M16	75	24	10,0	26,75	38	147,0
T0311680	M16	80	24	10,0	26,75	38	155,0
T0311690	M16	90	24	10,0	26,75	38	171,0
T0311610	M16	100	24	10,0	26,75	38	186,0
T0311611	M16	110	24	10,0	26,75	38	202,0
T0311612	M16	120	24	10,0	26,75	38	218,0
T0311613	M16	130	24	10,0	26,75	44	230,0
T0311614	M16	140	24	10,0	26,75	44	246,0
T0311615	M16	150	24	10,0	26,75	44	262,0
T0311616	M16	160	24	10,0	26,75	44	278,0
T0311618	M16	180	24	10,0	26,75	44	310,0
T0311620	M16	200	24	10,0	26,75	44	342,0
T0311850	M18	50	27	11,5	30,14	42	136,0
T0311860	M18	60	27	11,5	30,14	42	153,0
T0311870	M18	70	27	11,5	30,14	42	181,0
T0311880	M18	80	27	11,5	30,14	42	200,0
T0311890	M18	90	27	11,5	30,14	42	220,0
T0311810	M18	100	27	11,5	30,14	42	240,0
T0311811	M18	110	27	11,5	30,14	42	260,0
T0311812	M18	120	27	11,5	30,14	42	280,0
T0311813	M18	130	27	11,5	30,14	48	296,0
T0311814	M18	140	27	11,5	30,14	48	316,0
T0311815	M18	150	27	11,5	30,14	48	336,0
T0311816	M18	160	27	11,5	30,14	48	356,0
T0311818	M18	180	27	11,5	30,14	48	396,0
T0311820	M18	200	27	11,5	30,14	48	435,0
T0312050	M20	50	30	12,5	33,53	46	176,0
T0312060	M20	60	30	12,5	33,53	46	196,0
T0312070	M20	70	30	12,5	33,53	46	231,0
T0312080	M20	80	30	12,5	33,53	46	255,0
T0312090	M20	90	30	12,5	33,53	46	279,0
T0312010	M20	100	30	12,5	33,53	46	303,0
T0312011	M20	110	30	12,5	33,53	46	327,0
T0312012	M20	120	30	12,5	33,53	46	351,0
T0312013	M20	130	30	12,5	33,53	52	374,0
T0312014	M20	140	30	12,5	33,53	52	398,0
T0312015	M20	150	30	12,5	33,53	52	422,0
T0312016	M20	160	30	12,5	33,53	52	446,0
T0312018	M20	180	30	12,5	33,53	52	494,0
T0312020	M20	200	30	12,5	33,53	52	544,0
T0312270	M22	70	32	14,0	35,72	50	281,0
T0312280	M22	80	32	14,0	35,72	50	311,0
T0312290	M22	90	32	14,0	35,72	50	341,0
T0312210	M22	100	32	14,0	35,72	50	370,0

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Polígono Industrial ATUSA - Agurain S/N - 01200 Salvatierra (Alava) España  
Tel.: (+34) 945 18 00 00 Fax : (+34) 945 30 01 53 e-mail: [ventas@atusagroup.com](mailto:ventas@atusagroup.com)  
[www.atusagroup.com](http://www.atusagroup.com)

# 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)	
T0312211	M22	110	32	14,0	35,72	50	400,0
T0312410	M24	100	36	15,0	39,98	54	464,0
T0312411	M24	110	36	15,0	39,98	54	500,0
T0312412	M24	120	36	15,0	39,98	54	535,0
T0312413	M24	130	36	15,0	39,98	60	560,0
T0312414	M24	140	36	15,0	39,98	60	595,0
T0312415	M24	150	36	15,0	39,98	60	630,0
T0312416	M24	160	36	15,0	39,98	60	665,0
T0312418	M24	180	36	15,0	39,98	60	735,0
T0312420	M24	200	36	15,0	39,98	60	805,0
T0312712	M27	120	41	17,0	45,20	60	695,0
T0313013	M30	130	46	18,7	50,85	72	920,0
T0313314	M33	140	50	21,0	55,37	78	1480,0

### CARACTERÍSTICAS BÁSICAS

- Cabeza hexagonal.
- Rosca métrica.
- Dimensiones conforme a la norma DIN 931.
- Material: Acero al carbono (6.8) 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.
- Material: Carbon steel (6.8) 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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