

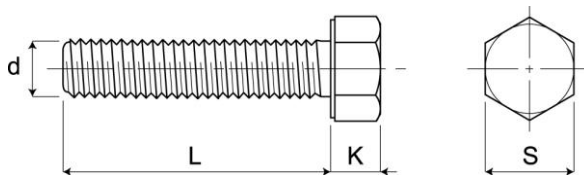
SCHEDA TECNICA - TECHNICAL SHEET

TE

Vite TE
Set screw

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DATI TECNICI - TECHNICAL DATA



TE vite zincata cl. 4.8 / set screw zinc plated grade 4.8					
d	M5	M6	M8	M10	M12
10		19830b06010			
14	19830b05014		19830b08014		
16	19830b05016	19830b06016	19830b08016		
20	19830b05020	19830b06020	19830b08020	19830b10020	19830b12020
25	19830b05025	19830b06025	19830b08025	19830b10025	
30	19830b05030	19830b06030	19830b08030	19830b10030	19830b12030
35			19830b08035	19830b10035	19830b12035
40	19830b05040	19830b06040	19830b08040	19830b10040	19830b12040
45			19830b08045	19830b10045	
50	19830b05050	19830b06050	19830b08050	19830b10050	19830b12050
60	19830b05060	19830b06060	19830b08060	19830b10060	19830b12060
70		19830b06070	19830b08070	19830b10070	19830b12070
80		19830b06080	19830b08080	19830b10080	19830b12080
90		19830b06090	19830b08090	19830b10090	19830b12090
100		19830b06100	19830b08100	19830b10100	19830b12100
110		19830b06110	19830b08110	19830b10110	19830b12110
120		19830b06120	19830b08120	19830b10120	19830b12120
130		19830b06130	19830b08130	19830b10130	19830b12130
S	8	10	13	17	19
K	3,5	4	5,3	6,4	7,5

TE vite interamente filettata zincata cl. 8.8 / set screw fully threaded zinc plated grade 8.8						
d	M5	M6	M8	M10	M12	M14
10	19850b05010	19850b06010	19850b08010			
12	19850b05012	19850b06012	19850b08012			
16	19850b05016	19850b06016	19850b08016	19850b10016		
20	19850b05020	19850b06020	19850b08020	19850b10020		
25	19850b05025	19850b06025	19850b08025	19850b10025	19850b12025	
30	19850b05030	19850b06030	19850b08030	19850b10030	19850b12030	19850b14030
35	19850b05035	19850b06035	19850b08035	19850b10035		
40	19850b05040	19850b06040	19850b08040	19850b10040	19850b12040	19850b14040
45			19850b08045	19850b10045		
50		19850b06050	19850b08050	19850b10050	19850b12050	19850b14050
60		19850b06060	19850b08060	19850b10060	19850b12060	19850b14060
70		19850b06070	19850b08070	19850b10070	19850b12070	19850b14070
80		19850b06080	19850b08080	19850b10080	19850b12080	19850b14080
90				19850b10090	19850b12090	
100		19850b06100	19850b08100	19850b10100	19850b12100	19850b14100
120				19850b10120	19850b12120	19850b14120
S	8	10	13	17	19	22
K	3,5	4	5,3	6,4	7,5	8,8

d	M16	M18	M20	M22	M24
30	19850b16030				
35	19850b16035				
40	19850b16040	19850b18040	19850b20040		
50	19850b16050	19850b18050	19850b20050		
60	19850b16060	19850b18060	19850b20060	19850b22060	19850b24060
70	19850b16070	19850b18070	19850b20070	19850b22070	19850b24070
80	19850b16080	19850b18080	19850b20080	19850b22080	19850b24080
90	19850b16090	19850b18090		19850b22090	19850b24090
100	19850b16100	19850b18100	19850b20100	19850b22100	19850b24100
120	19850b16120		19850b20120	19850b22120	19850b24120
140					19850b24140
S	24	27	30	32	36
K	10	11,5	12,5	14	15

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TE vite parzialmente filettata zincata cl. 8.8 / set screw partially threaded zinc plated grade 8.8

d	M5	M6	M8	M10	M12
L	30	19950b05030	19950b06030	19950b08030	
	35		19950b06035	19950b08035	19950b10035
	40	19950b05040	19950b06040	19950b08040	19950b10040
	45	19950b05045	19950b06045	19950b08045	19950b10045
	50	19950b05050	19950b06050	19950b08050	19950b10050
	60	19950b05060	19950b06060	19950b08060	19950b10060
	70		19950b06070	19950b08070	19950b10070
	80		19950b06080	19950b08080	19950b10080
	90		19950b06090	19950b08090	19950b10090
	100		19950b06100	19950b08100	19950b10100
	110			19950b08110	19950b10110
	120			19950b08120	19950b10120
	130			19950b08130	19950b10130
	140			19950b08140	19950b10140
	150			19950b08150	19950b10150
	160			19950b10160	19950b10160
	170			19950b10170	19950b10170
	180			19950b10180	19950b10180
S	8	10	13	17	19
K	3,5	4	5,3	6,4	7,5

d	M14	M16	M20	M24
L	50	19950b14050	19950b16050	
	60	19950b14060	19950b16060	
	70		19950b16070	
	80	19950b14080	19950b16080	
	90	19950b14090	19950b16090	
	100	19950b14100	19950b16100	
	120	19950b14120	19950b16120	19950b20120
	140	19950b14140	19950b16140	19950b20140
	150			19950b24150
	160		19950b16160	19950b20160
	180			19950b20180
	200		19950b16200	19950b20200
S	22	24	30	36
K	8,8	10	12,5	15

TE vite inox A2-70 / set screw stainless steel A2-70

d	M4	M5	M6	M8	M10	M12	M16
L	16	19850x04016	19850x05016	19850x06016	19850x08016		
	20	19850x04020	19850x05020	19850x06020	19850x08020	19850x10020	19850x12020
	25	19850x04025	19850x05025	19850x06025	19850x08025	19850x10025	19850x12025
	30	19850x04030	19850x05030	19850x06030	19850x08030	19850x10030	19850x12030
	35				19850x08035	19850x10035	
	40	19850x04040	19850x05040	19850x06040	19850x08040	19850x10040	19850x12040
	50	19850x04050	19850x05050	19850x06050	19850x08050	19850x10050	19850x12050
	60			19850x06060	19850x08060	19850x10060	19850x12060
	70				19850x08070	19850x10070	19850x12070
	80			19850x06080	19850x08080	19850x10080	19850x12080
	90						19850x16090
	100			19850x06100	19850x08100	19850x10100	19850x12100
	120					19850x12120	19850x16100
S	7	8	10	13	17	19	24
K	2,9	3,5	4	5,3	6,4	7,5	10

Nota: valori quote espressi in millimetri / Dimensions are stated in millimeters.

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CARATTERISTICHE PRODOTTO - PRODUCT FEATURES

Tipo vite Screw type	Norma Standard	Materiale Material	Rivestimento Coating
TE zincata cl. 4.8 TE zinc plated grade 4.8	DIN 558	acciaio cl.4.8 norma ISO 898-1 steel grade 4.8 ISO 898-1	zincatura bianca $\geq 5\mu\text{m}$ ISO4042 white zinc plated $\geq 5\mu\text{m}$ ISO4042
TE zincata cl. 8.8 – parzialmente filettata TE zinc plated grade 8.8 – partially threaded	DIN 931	acciaio cl.8.8 norma ISO 898-1 steel grade 8.8 ISO 898-1	zincatura bianca $\geq 5\mu\text{m}$ ISO4042 white zinc plated $\geq 5\mu\text{m}$ ISO4042
TE zincata cl. 8.8 – interamente filettata TE zinc plated grade 8.8 – fully threaded	DIN 933	acciaio cl.8.8 norma ISO 898-1 steel grade 8.8 ISO 898-1	zincatura bianca $\geq 5\mu\text{m}$ ISO4042 white zinc plated $\geq 5\mu\text{m}$ ISO4042
TE inox A2 70 TE stainless steel A2 70		inox A2-70 norma ISO 3506-1 stainless steel grade A2-70 ISO 3506-1	-

CARATTERISTICHE MECCANICHE - MECHANICAL FEATURES

	d	SEZIONE AREA $A_{s\text{nom}}$ [mm ²]	TRAZIONE TENSILE $N_{rk,s}^{(1)}$ [kN]	TAGLIO PURO SHEAR $V_{rk,s}^{(1)}$ [kN]	MOMENTO FLETTENTE BENDING MOMENT $M_{rk,s}^{(1)}$ [Nm]	SERRAGGIO TORQUE $T_{\text{inst}}^{(2)}$ [Nm]
zincata cl. 4.8 zinc pld gr. 4.8	M5	14,2	6,0	3,0	3	3
	M6	20,1	8,4	4,2	6	5,5
	M8	36,6	15,4	7,5	15	12,5
	M10	58	24	12	30	25
	M12	84,3	35	18	50	45
zincata cl. 8.8 zinc pld. gr. 8.8	M5	14,2	11	5,5	6	6
	M6	20,1	16	8	12	10
	M8	36,6	29	15	30	25
	M10	58	46	23	60	50
	M12	84,3	67	34	105	80
	M14	115	92	46	160	130
	M16	157	125	63	266	200
	M18	192	159	79	350	280
	M20	245	203	101	519	400
	M22	303	252	126	720	550
	M24	353	293	146	896	690
inox A2-70 stainless steel A2-70	M4	8,78	6	3	3	2,5
	M5	14,2	10	5	5	4,5
	M6	20,1	14	7	10	8
	M8	36,6	26	13	26	20
	M10	58	41	20	52	40
	M12	84,3	59	30	92	70
	M16	157	110	55	232	180

1 kN = 100 kgf

⁽¹⁾ I valori riportati sono carichi caratteristici di rottura conformi alla classe 4.8 o 8.8 secondo norma ISO 898-1 per la versione zincata o alla classe A2-70 secondo norma ISO 3506-1 per la versione inox / The above values are characteristic failure loads conforming to grade 4.8 or 8.8 in accordance with the ISO 898-1 standard for the zinc plated version or conforming to grade A2-70 in accordance with the ISO 3506-1 standard for the stainless steel version.

⁽²⁾ Serraggio nominale consigliato, utilizzare un dado di classe minima: cl.5-DIN555 zincato per la versione cl. 4.8 zincata, cl.8-DIN934 zincato per la versione classe 8.8 zincata; cl.A2 70-DIN934 per la versione inox A2 70.

Recommended nominal torque, use a nut of minimum grade : gr.1.5-DIN555 for the zinc plated gr. 4.8 version
gr.8-DIN 934 for the zinc plated gr. 8.8 version
gr. A2 70-DIN934 for the stainless steel A2 70 version.

In assenza di regolamentazioni nazionali diverse utilizzare i coefficienti di sicurezza riportati sui pertinenti Eurocodici ER / In the absence of national regulations use safety factors cited in relevant ER Eurocodes.