Vorpa **VSL**

Wood building screw

wood

products group

Suitable for
- wood

To fix
- outside fittings
- covering
- big structures
- wood carpentry

EAD 130118-00-0603
for wood applications

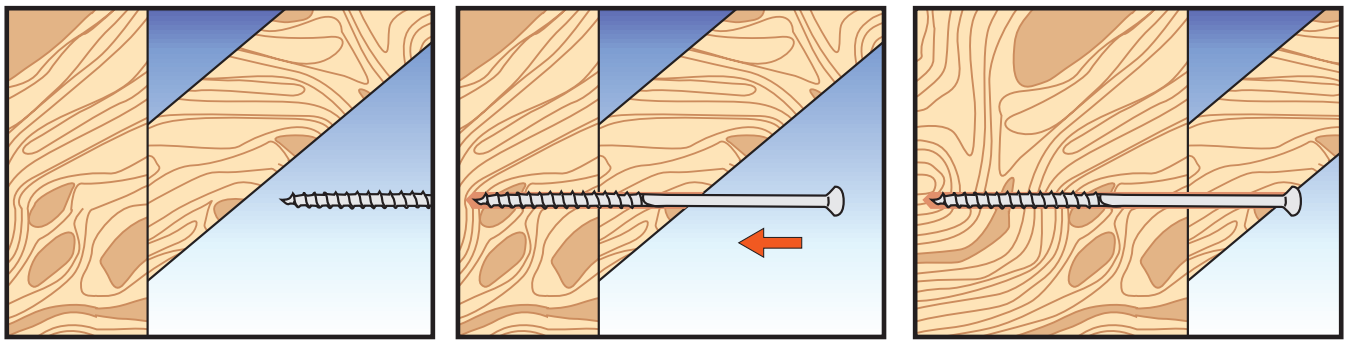
product information

Characteristics
- wood building screw , TORX recess
- drilling is not necessary
- suitable for permanent and removable fixings both inside and outside
- high performances in wood
- no risk to make slits on the wood thanks to the milling body
- special pre-drilling design
- quick pitch thread

Installation
- through setting anchor

Suggestion for use
- always consider an appropriate safety factor
- check load bearing capacity values
- respect the installation data
- clean the hole before the installation

installation sequence



Examples of applications

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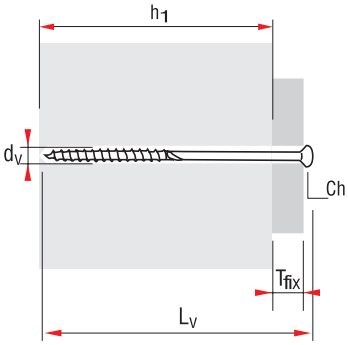
product code and technical data

VSL

1 kN≃100 kg



L_v = Screw length
d_v = Screw diameter
T_{fix} = Fixture thickness
Ch = Spanner (impronta Torx)

Code	Description	L_v mm	d_v mm	h_1 mm	T_{fix} max mm	Characteristic resistance kN	*Recommended load kN	Ch mm
93264	VSL 4 x 30	30	4	20	10	**0,78**	**0,19**	T20
93265	VSL 4 x 40	40	4	24	16	**0,94**	**0,23**	T20
93266	VSL 4 x 45	45	4	27	18	**1,06**	**0,26**	T20
93267	VSL 4 x 50	50	4	30	20	**1,18**	**0,29**	T20
93268	VSL 4 x 60	60	4	36	24	**1,41**	**0,35**	T20
93269	VSL 4 x 70	70	4	42	28	**1,65**	**0,41**	T20
93270	VSL 4 x 80	80	4	48	32	**1,88**	**0,47**	T20
93271	VSL 4,5 x 40	40	4,5	24	16	**1,06**	**0,26**	T25
93272	VSL 4,5 x 50	50	4,5	30	20	**1,32**	**0,33**	T25
93273	VSL 4,5 x 60	60	4,5	36	24	**1,59**	**0,39**	T25
93274	VSL 4,5 x 70	70	4,5	42	28	**1,85**	**0,46**	T25
93275	VSL 4,5 x 80	80	4,5	48	32	**2,12**	**0,53**	T25
93276	VSL 5 x 40	40	5	24	16	**1,18**	**0,29**	T25
93277	VSL 5 x 50	50	5	30	20	**1,47**	**0,36**	T25
93278	VSL 5 x 60	60	5	36	24	**1,76**	**0,44**	T25
93279	VSL 5 x 70	70	5	42	28	**2,06**	**0,51**	T25
93280	VSL 5 x 80	80	5	48	32	**2,35**	**0,58**	T25
93281	VSL 5 x 100	100	5	60	40	**2,94**	**0,73**	T25
93282	VSL 5 x 120	120	5	70	50	**3,43**	**0,85**	T25
93283	VSL 6 x 60	60	6	36	24	**2,12**	**0,53**	T30
93284	VSL 6 x 80	80	6	48	32	**2,82**	**0,70**	T30
93285	VSL 6 x 100	100	6	60	40	**3,53**	**0,88**	T30
93286	VSL 6 x 120	120	6	70	50	**4,12**	**1,03**	T30
93287	VSL 6 x 140	140	6	70	70	**4,12**	**1,03**	T30
93288	VSL 6 x 160	160	6	70	90	**4,12**	**1,03**	T30
93289	VSL 6 x 180	180	6	70	110	**4,12**	**1,03**	T30
93290	VSL 6 x 200	200	6	70	130	**4,12**	**1,03**	T30
93291	VSL 6 x 220	220	6	70	150	**4,12**	**1,03**	T30
93292	VSL 6 x 240	240	6	70	170	**4,12**	**1,03**	T30
93293	VSL 6 x 260	260	6	70	190	**4,12**	**1,03**	T30
93294	VSL 6 x 280	280	6	70	210	**4,12**	**1,03**	T30
93295	VSL 6 x 300	300	6	70	230	**4,12**	**1,03**	T30
93296	VSL 8 x 80	80	8	50	30	**3,92**	**0,98**	T40
93297	VSL 8 x 100	100	8	60	40	**4,70**	**1,17**	T40
93298	VSL 8 x 120	120	8	70	50	**5,49**	**1,37**	T40
93299	VSL 8 x 140	140	8	80	60	**6,27**	**1,56**	T40
93300	VSL 8 x 160	160	8	80	80	**6,27**	**1,56**	T40
93301	VSL 8 x 180	180	8	80	100	**6,27**	**1,56**	T40
93302	VSL 8 x 200	200	8	80	120	**6,27**	**1,56**	T40
93303	VSL 8 x 220	220	8	80	140	**6,27**	**1,56**	T40
93304	VSL 8 x 240	240	8	80	160	**6,27**	**1,56**	T40
93305	VSL 8 x 260	260	8	80	180	**6,27**	**1,56**	T40
93306	VSL 8 x 280	280	8	80	200	**6,27**	**1,56**	T40
93307	VSL 8 x 300	300	8	80	220	**6,27**	**1,56**	T40
93308	VSL 8 x 320	320	8	80	240	**6,27**	**1,56**	T40
93309	VSL 8 x 340	340	8	80	260	**6,27**	**1,56**	T40
93310	VSL 8 x 360	360	8	80	280	**6,27**	**1,56**	T40

Follows on the next page

ATTENTION: An appropriate safety factor ≥ 4 should be applied on these values

*** The table shows the permissible loads for tension, shear and combined tension and shear loads**

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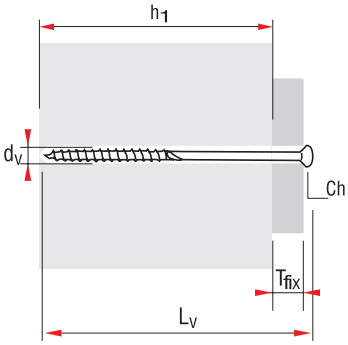
Code	Description	L_v mm	d_v mm	h_1 mm	T_{fix} max mm	Characteristic resistance kN	*Recommended load kN	Ch mm
93311	VSL 8 x 380	380	8	80	300	**6,27**	**1,56**	T40
93312	VSL 8 x 400	400	8	80	320	**6,27**	**1,56**	T40
93461	VSL 10 x 90	90	10	60	30	**4,96**	**1,24**	T40
93460	VSL 10 x 100	100	10	60	40	**5,91**	**1,47**	T40
93313	VSL 10 x 120	120	10	70	50	**6,86**	**1,71**	T40
93314	VSL 10 x 140	140	10	80	60	**7,84**	**1,96**	T40
93315	VSL 10 x 160	160	10	80	80	**7,84**	**1,96**	T40
93316	VSL 10 x 180	180	10	80	100	**7,84**	**1,96**	T40
93317	VSL 10 x 200	200	10	80	120	**7,84**	**1,96**	T40
93318	VSL 10 x 220	220	10	80	140	**7,84**	**1,96**	T40
93319	VSL 10 x 240	240	10	80	160	**7,84**	**1,96**	T40
93320	VSL 10 x 260	260	10	80	180	**7,84**	**1,96**	T40
93321	VSL 10 x 280	280	10	80	200	**7,84**	**1,96**	T40
93322	VSL 10 x 300	300	10	80	220	**7,84**	**1,96**	T40
93323	VSL 10 x 320	320	10	80	240	**7,84**	**1,96**	T40
93324	VSL 10 x 340	340	10	80	260	**7,84**	**1,96**	T40
93325	VSL 10 x 360	360	10	80	280	**7,84**	**1,96**	T40
93326	VSL 10 x 380	380	10	80	300	**7,84**	**1,96**	T40
93327	VSL 10 x 400	400	10	80	320	**7,84**	**1,96**	T40



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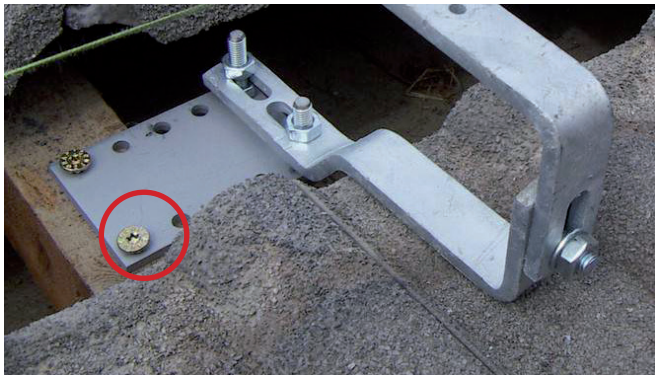
Examples of applications



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