



Description

Chipboard screw pozi head waxed blue plated

Dimension

d: 3 mm L: 16 - 40 mm

Screw head

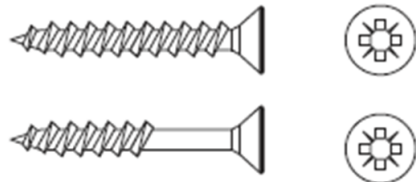
dh: 6 mm

Material

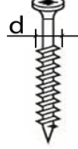
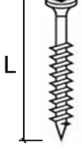
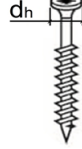
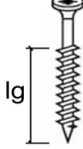
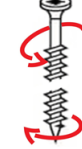
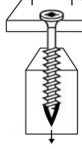
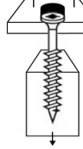
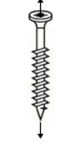
Carbon steel

Treatment

Electro galvanized - min. 5 µm



Certificate No.
E-30-20148-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
3x16	3	16	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x20	3	20	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x25	3	25	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x30	3	30	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x35	3	35	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x40	3	40	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87

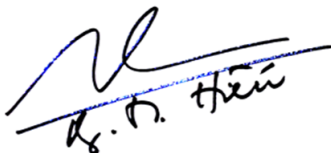
The manufacturer declares for:

Item No: 500978094, 500978095, 500978096, 500978097, 500978099, 500978098

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013



Hieu Trong Nguyen

SWISSTEC Sourcing Ltd.

Think Sourcing. Think SWISSTEC

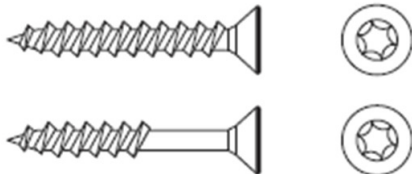


18L1-2 Street 3, Block 16, Vietnam-Singapore Industrial Park 2,
Thu Dau Mot City, Binh Duong Province. Vietnam



Description

Chipboard screw torx head waxed blue plated



Dimension

d: 6 mm L: 100 - 120 mm

Screw head

dh: 12 mm

Material

Carbon steel

Treatment

Electro galvanized - min. 5 μ m

Certificate No.
E-30-20153-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
6x100	6	100	12	60	1.86	19.90/13.80	22.46	12083	12.33
6x120	6	120	12	71.5	1.86	19.90/13.80	22.46	12083	12.33

The manufacturer declares for:

Item No: 500986613-4, 500978303

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 02-07-2013

Hieu Trong Nguyen



Description

Chipboard screw torx head waxed blue plated

Dimension

d: 5 mm L: 30 - 100 mm

Screw head

dh: 10 mm

Material

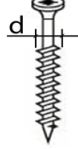
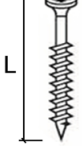
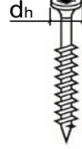
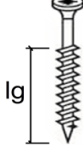
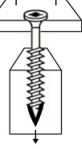
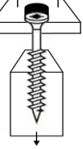
Carbon steel

Certificate No.

E-30-20152-13

Treatment

Electro galvanized - min. 5 µm

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
5x50	5	50	10	30	1.8	19.59/21.52	25.28	7479	9.08
5x60	5	60	10	36	1.8	19.59/21.52	25.28	7479	9.08
5x80	5	80	10	50	1.8	19.59/21.52	25.28	7479	9.08
5x30	5	30	10	Full thread	1.8	19.59/21.52	25.28	7479	9.08
5x40	5	40	10	Full thread	1.8	19.59/21.52	25.28	7479	9.08
5x50	5	50	10	30	1.8	19.59/21.52	25.28	7479	9.08
5x60	5	60	10	36	1.8	19.59/21.52	25.28	7479	9.08
5x70	5	70	10	42	1.8	19.59/21.52	25.28	7479	9.08
5x80	5	80	10	50	1.8	19.59/21.52	25.28	7479	9.08
5x90	5	90	10	60	1.8	19.59/21.52	25.28	7479	9.08
5x100	5	100	10	60	1.8	19.59/21.52	25.28	7479	9.08

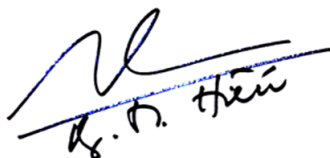
The manufacturer declares for:

Item No: 500992997-5, 500986613-2, 500992997-6, 500992997-7, 500986613-3, 500978295, 500978296, 500978297, 500978298, 500978299, 500978300, 500978301, 500978302

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Date: 02-07-2013

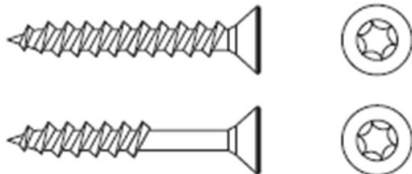


Hieu Trong Nguyen



Description

Chipboard screw torx head waxed blue plated



Dimension

d: 4 mm L: 40 - 50 mm

Screw head

dh: 8 mm

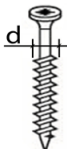
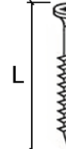
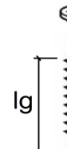
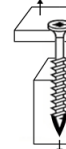
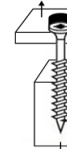
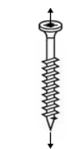
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20150-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
4x40	4	40	8	Full thread	2.85	20.82/14.62	22.58	3594	5.34
4x50	4	50	8	30	2.85	20.82/14.62	22.58	3594	5.34

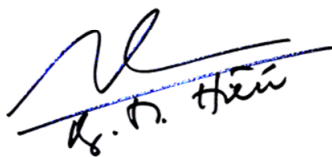
The manufacturer declares for:

Item No: 500992997-3, 500986613-1, 500992997-4

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head waxed blue plated

Dimension

d: 3.5 mm L: 25 - 35 mm

Screw head

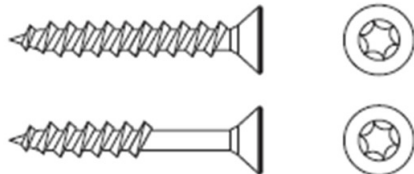
dh: 7 mm

Material

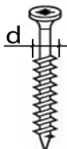
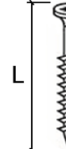
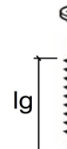
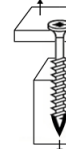
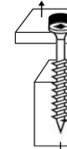
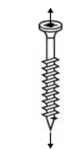
Carbon steel

Treatment

Electro galvanized - min. 5 µm



Certificate No.
E-30-20149-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio	Withdrawal parameter	Head pull-through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	$F_{tor,k}/R_{tor,k}$ (Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
3.5x25	3.5	25	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x35	3.5	35	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51

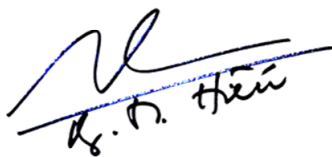
The manufacturer declares for:

Item No: 500992997-1, 500992997-2

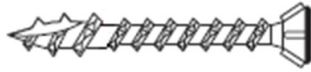
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Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head with nibs type 17 saw thread
waxed blue plated

Dimension

d: 6 mm L: 40 - 180 mm

Screw head

dh: 12 mm

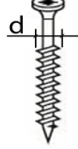
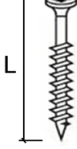
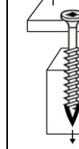
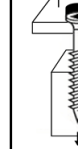
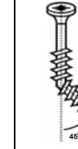
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20153-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
6x40	6	40	12	24	1.86	19.90/13.80	22.46	12083	12.33
6x50	6	50	12	30	1.86	19.90/13.80	22.46	12083	12.33
6x60	6	60	12	36	1.86	19.90/13.80	22.46	12083	12.33
6x70	6	70	12	42	1.86	19.90/13.80	22.46	12083	12.33
6x80	6	80	12	50	1.86	19.90/13.80	22.46	12083	12.33
6x90	6	90	12	60	1.86	19.90/13.80	22.46	12083	12.33
6x100	6	100	12	60	1.86	19.90/13.80	22.46	12083	12.33
6x120	6	120	12	68	1.86	19.90/13.80	22.46	12083	12.33
6x140	6	140	12	71.5	1.86	19.90/13.80	22.46	12083	12.33
6x160	6	160	12	71.5	1.86	19.90/13.80	22.46	12083	12.33
6x180	6	180	12	71.5	1.86	19.90/13.80	22.46	12083	12.33

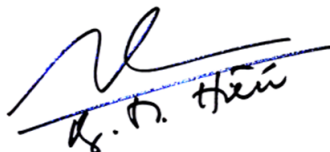
The manufacturer declares for:

Item No: 500977883, 500977884, 500977885, 500977886, 500977935, 500977936, 500977937, 500977938,
500977939, 500978090, 500986428

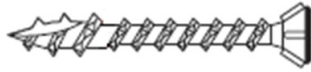
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Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head with nibs type 17 saw thread
waxed blue plated

Dimension

d: 5 mm L: 20 - 120 mm

Screw head

dh: 10 mm

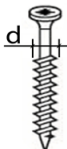
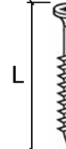
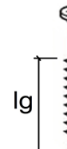
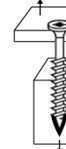
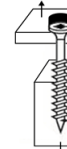
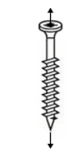
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20152-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter (N/mm ²)	Yield moment (Nmm)	Tensile capacity (kN)
Description	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
									
5x20	5	20	10	Full thread	1.8	19.59/21.52	25.28	7479	9.08
5x25	5	25	10	18	1.8	19.59/21.52	25.28	7479	9.08
5x30	5	30	10	18	1.8	19.59/21.52	25.28	7479	9.08
5x35	5	35	10	24	1.8	19.59/21.52	25.28	7479	9.08
5x40	5	40	10	24	1.8	19.59/21.52	25.28	7479	9.08
5x45	5	45	10	30	1.8	19.59/21.52	25.28	7479	9.08
5x50	5	50	10	30	1.8	19.59/21.52	25.28	7479	9.08
5x60	5	60	10	36	1.8	19.59/21.52	25.28	7479	9.08
5x70	5	70	10	42	1.8	19.59/21.52	25.28	7479	9.08
5x80	5	80	10	50	1.8	19.59/21.52	25.28	7479	9.08
5x90	5	90	10	60	1.8	19.59/21.52	25.28	7479	9.08
5x100	5	100	10	60	1.8	19.59/21.52	25.28	7479	9.08
5x120	5	120	10	68	1.8	19.59/21.52	25.28	7479	9.08

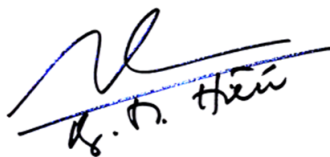
The manufacturer declares for:

Item No: 500977849, 500977870, 500977871, 500977872, 500977874, 500977875, 500977876, 500977877,
500977878, 500977879, 500977880, 500977881, 500977882

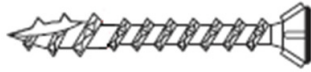
The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head with nibs type 17 saw thread
waxed blue plated

Dimension

d: 4.5 mm L: 20 - 80 mm

Screw head

dh: 9 mm

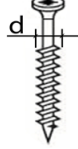
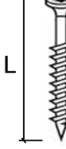
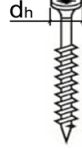
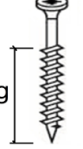
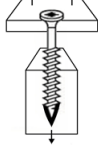
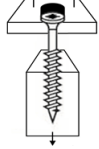
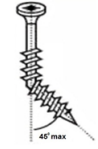
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20151-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter (N/mm ²)	Yield moment (Nmm)	Tensile capacity (kN)
Description	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
									
4.5x20	4.5	20	9	Full thread	2.15	21.09/16.90	17.76	5208	6.67
4.5x25	4.5	25	9	18	2.15	21.09/16.90	17.76	5208	6.67
4.5x30	4.5	30	9	18	2.15	21.09/16.90	17.76	5208	6.67
4.5x35	4.5	35	9	24	2.15	21.09/16.90	17.76	5208	6.67
4.5x40	4.5	40	9	24	2.15	21.09/16.90	17.76	5208	6.67
4.5x45	4.5	45	9	24	2.15	21.09/16.90	17.76	5208	6.67
4.5x50	4.5	50	9	30	2.15	21.09/16.90	17.76	5208	6.67
4.5x60	4.5	60	9	36	2.15	21.09/16.90	17.76	5208	6.67
4.5x70	4.5	70	9	42	2.15	21.09/16.90	17.76	5208	6.67
4.5x80	4.5	80	9	50	2.15	21.09/16.90	17.76	5208	6.67

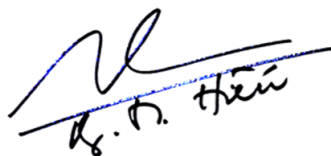
The manufacturer declares for:

Item No: 500977778, 500977779, 500977840, 500977841, 500977842, 500977843, 500977844, 500977845,
500977847, 500977848

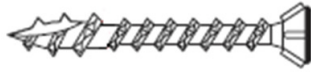
The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head with nibs type 17 saw thread
waxed blue plated

Dimension

d: 4 mm L: 16 - 70 mm

Screw head

dh: 8 mm

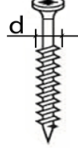
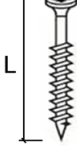
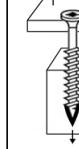
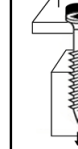
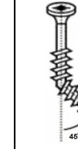
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20150-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
4x16	4	16	8	Full thread	2.85	20.82/14.62	22.58	3594	5.34
4x20	4	20	8	Full thread	2.85	20.82/14.62	22.58	3594	5.34
4x25	4	25	8	18	2.85	20.82/14.62	22.58	3594	5.34
4x28	4	28	8	18	2.85	20.82/14.62	22.58	3594	5.34
4x30	4	30	8	18	2.85	20.82/14.62	22.58	3594	5.34
4x35	4	35	8	24	2.85	20.82/14.62	22.58	3594	5.34
4x40	4	40	8	24	2.85	20.82/14.62	22.58	3594	5.34
4x45	4	45	8	30	2.85	20.82/14.62	22.58	3594	5.34
4x50	4	50	8	30	2.85	20.82/14.62	22.58	3594	5.34
4x60	4	60	8	36	2.85	20.82/14.62	22.58	3594	5.34
4x70	4	70	8	42	2.85	20.82/14.62	22.58	3594	5.34

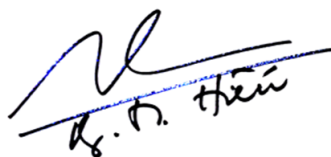
The manufacturer declares for:

Item No: 500977747, 500977748, 500977770, 500977749, 500977771, 500977772, 500977775, 500986595,
500977773, 500977776, 500977777

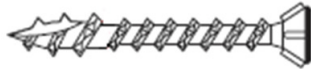
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Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head with nibs type 17 saw thread
waxed blue plated

Dimension

d: 3.5 mm L: 12 - 50 mm

Screw head

dh: 7 mm

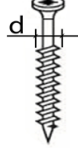
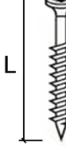
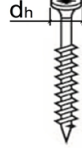
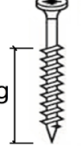
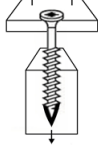
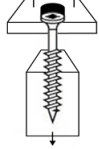
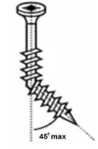
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20149-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
3.5x12	3.5	12	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x15	3.5	15	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x20	3.5	20	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x25	3.5	25	7	18	3.34	18.64/13.85	26.18	2378	4.51
3.5x30	3.5	30	7	18	3.34	18.64/13.85	26.18	2378	4.51
3.5x35	3.5	35	7	24	3.34	18.64/13.85	26.18	2378	4.51
3.5x40	3.5	40	7	24	3.34	18.64/13.85	26.18	2378	4.51
3.5x45	3.5	45	7	24	3.34	18.64/13.85	26.18	2378	4.51
3.5x50	3.5	50	7	30	3.34	18.64/13.85	26.18	2378	4.51

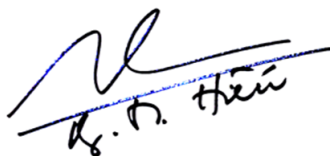
The manufacturer declares for:

Item No: 500977597, 500977598, 500977740, 500977741, 500977742, 500977743, 500977744, 500977745, 500977746

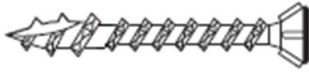
The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw torx head with nibs type 17 saw thread
waxed blue plated

Dimension

d: 3 mm L: 12 - 40 mm

Screw head

dh: 6 mm

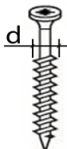
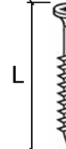
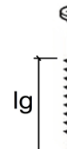
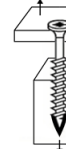
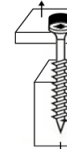
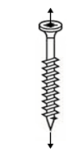
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20148-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
3x12	3	12	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x16	3	16	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x20	3	20	6	Full thread	2.58	18.23/14.33	29.52	1624	3.87
3x25	3	25	6	18	2.58	18.23/14.33	29.52	1624	3.87
3x30	3	30	6	18	2.58	18.23/14.33	29.52	1624	3.87
3x35	3	35	6	24	2.58	18.23/14.33	29.52	1624	3.87
3x40	3	40	6	24	2.58	18.23/14.33	29.52	1624	3.87

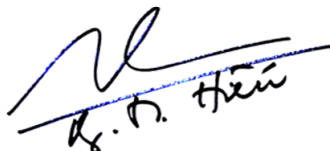
The manufacturer declares for:

Item No: 500977590, 500977591, 500977592, 500977593, 500977594, 500977595, 500977596

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 02-07-2013



Hieu Trong Nguyen



Description

Chipboard screw pozi head waxed blue plated

Dimension

d: 6 mm L: 60 - 160 mm

Screw head

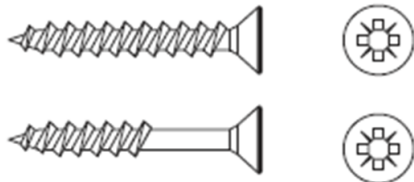
dh: 12 mm

Material

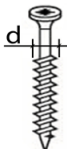
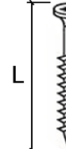
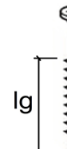
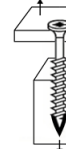
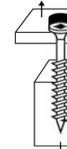
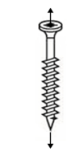
Carbon steel

Treatment

Electro galvanized - min. 5 µm



Certificate No.
E-30-20153-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
6x60	6	60	12	36	1.86	19.90/13.80	22.46	12083	12.33
6x70	6	70	12	42	1.86	19.90/13.80	22.46	12083	12.33
6x80	6	80	12	50	1.86	19.90/13.80	22.46	12083	12.33
6x90	6	90	12	60	1.86	19.90/13.80	22.46	12083	12.33
6x100	6	100	12	60	1.86	19.90/13.80	22.46	12083	12.33
6x120	6	120	12	71.5	1.86	19.90/13.80	22.46	12083	12.33
6x140	6	140	12	71.5	1.86	19.90/13.80	22.46	12083	12.33
6x160	6	160	12	71.5	1.86	19.90/13.80	22.46	12083	12.33

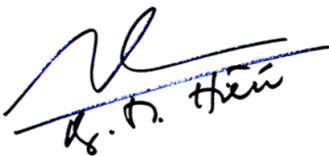
The manufacturer declares for:

Item No: 500978195, 500978196, 500978197, 500978198, 500978291, 500978292, 500978091, 500978294

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

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Date: 02-07-2013

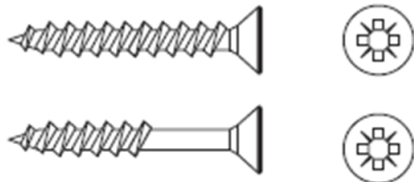


Hieu Trong Nguyen



Description

Chipboard screw pozi head waxed blue plated



Dimension

d: 5 mm L: 40 - 120 mm

Screw head

dh: 10 mm

Material

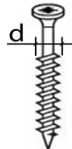
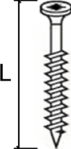
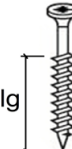
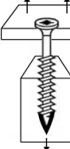
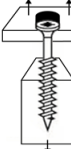
Carbon steel

Certificate No.

E-30-20152-13

Treatment

Electro galvanized - min. 5 µm

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
5x40	5	40	10	Full thread	1.8	19.59/21.52	25.28	7479	9.08
5x45	5	45	10	Full thread	1.8	19.59/21.52	25.28	7479	9.08
5x50	5	50	10	30	1.8	19.59/21.52	25.28	7479	9.08
5x60	5	60	10	36	1.8	19.59/21.52	25.28	7479	9.08
5x70	5	70	10	42	1.8	19.59/21.52	25.28	7479	9.08
5x80	5	80	10	50	1.8	19.59/21.52	25.28	7479	9.08
5x90	5	90	10	60	1.8	19.59/21.52	25.28	7479	9.08
5x100	5	100	10	60	1.8	19.59/21.52	25.28	7479	9.08
5x120	5	120	10	72	1.8	19.59/21.52	25.28	7479	9.08

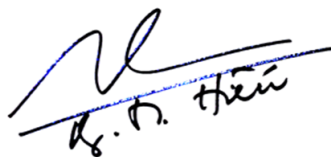
The manufacturer declares for:

Item No: 500978184, 500978185, 500978186, 500978187, 500978188, 500978189, 500978190, 500978191, 500978193

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013

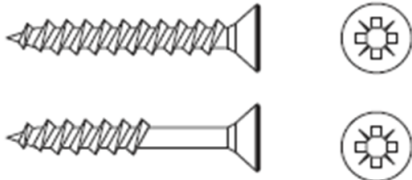


Hieu Trong Nguyen



Description

Chipboard screw pozi head waxed blue plated



Dimension

d: 4.5 mm L: 40 - 80 mm

Screw head

dh: 9 mm

Material

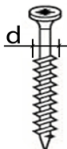
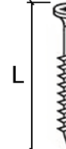
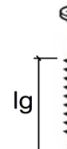
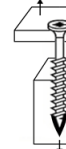
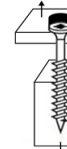
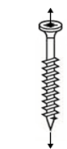
Carbon steel

Certificate No.

E-30-20151-13

Treatment

Electro galvanized - min. 5 µm

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
4.5x40	4.5	40	9	Full thread	2.15	21.09/16.90	17.76	5208	6.67
4.5x45	4.5	45	9	Full thread	2.15	21.09/16.90	17.76	5208	6.67
4.5x50	4.5	50	9	30	2.15	21.09/16.90	17.76	5208	6.67
4.5x60	4.5	60	9	36	2.15	21.09/16.90	17.76	5208	6.67
4.5x70	4.5	70	9	42	2.15	21.09/16.90	17.76	5208	6.67
4.5x80	4.5	80	9	50	2.15	21.09/16.90	17.76	5208	6.67

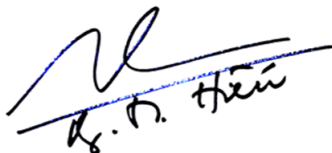
The manufacturer declares for:

Item No: 500986593, 500978158, 500978180, 500978181, 500978182, 500978183

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013

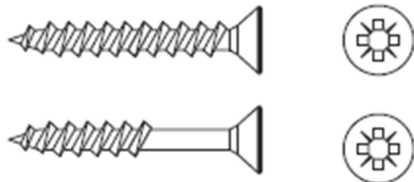


Hieu Trong Nguyen



Description

Chipboard screw pozi head waxed blue plated



Dimension

d: 4 mm L: 35 - 50 mm

Screw head

dh: 8 mm

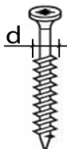
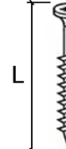
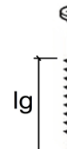
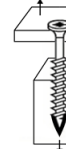
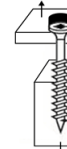
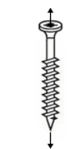
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20150-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio $F_{tor,k}/R_{tor,k}$	Withdrawal parameter	Head pull- through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	(Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
4x35	4	35	8	Full thread	2.85	20.82/14.62	22.58	3594	5.34
4x40	4	40	8	Full thread	2.85	20.82/14.62	22.58	3594	5.34
4x45	4	45	8	Full thread	2.85	20.82/14.62	22.58	3594	5.34
4x50	4	50	8	30	2.85	20.82/14.62	22.58	3594	5.34

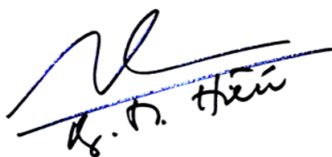
The manufacturer declares for:

Item No: 500978155, 500978156, 500978157, 500986594

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013

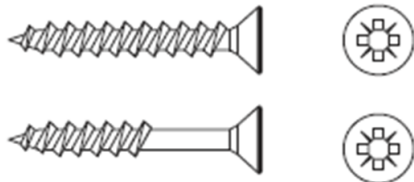


Hieu Trong Nguyen



Description

Chipboard screw pozi head waxed blue plated



Dimension

d: 3.5 mm L: 25 - 50 mm

Screw head

dh: 7 mm

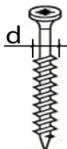
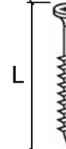
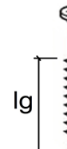
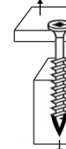
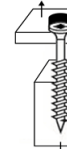
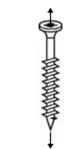
Material

Carbon steel

Treatment

Electro galvanized - min. 5 µm

Certificate No.
E-30-20149-13

	Normal diameter	Total length	Head diameter	Thread length	Torsional ratio	Withdrawal parameter	Head pull-through parameter	Yield moment	Tensile capacity
	(mm)	(mm)	(mm)	(mm)	$F_{tor,k}/R_{tor,k}$ (Nm)	(N/mm ²)	(N/mm ²)	(Nmm)	(kN)
Description									
3.5x25	3.5	25	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x30	3.5	30	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x35	3.5	35	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x40	3.5	40	7	Full thread	3.34	18.64/13.85	26.18	2378	4.51
3.5x50	3.5	50	7	30	3.34	18.64/13.85	26.18	2378	4.51

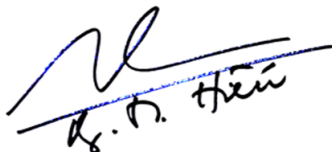
The manufacturer declares for:

Item No: 500978152, 500978153, 500978154, 500986429, 500986590

The products are in accordance with EN 14592:2008 "Timber Structures – Dowel - Type fasteners – Requirements".

This declaration of conformity is valid until any changes in the product, the raw material or the production process is performed, which would significantly change the declared characteristics.

Date: 02-07-2013



Hieu Trong Nguyen