

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

**WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, ELECTRO ZINC PLATED**  
**WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, CORRSEAL**  
**WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL ACID PROOF A4**  
**WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL A2**  
**WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED**  
**WOOD SCREW ESSDRIVE PAN HEAD, STAINLESS STEEL A2**

## INTENDED USE

Dowel-type fasteners for use in load bearing timber structures in accordance with EN 14592. The screw thread length must be at least 4d to be covered (where d is the nominal diameter).

Declared performance covers:

Characteristic yield moment,  $M_{y,k}$  [Nmm]

Characteristic withdrawal parameter,  $f_{ax,k}$  [N/mm<sup>2</sup>]

Characteristics head pull-through parameter,  $f_{head,k}$  [N/mm<sup>2</sup>]

Characteristics tensile capacity,  $f_{tens,k}$  [kN]

Characteristics torsional ratio,  $f_{tor,k}$  [Nm] /  $R_{tor,k}$  [Nm]  $\geq 1,5$

Durability

## MANUFACTURER

ESSVE Produkter AB

Box 7091

SE 164 07 Kista

Sweden

info@essve.se

## SYSTEM OF AVCP

3

## NOTIFIED BODY

1015, 1503

# DECLARATION OF PERFORMANCE

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, ELECTRO ZINC PLATED

Geometry					
Diameter	Length	Diameter of head	Inner diameter	Thread length	
3 mm	16 mm	6 mm	1,9 mm	13 mm	
3 mm	20 mm	6 mm	1,9 mm	17 mm	
3 mm	25 mm	6 mm	1,9 mm	18 mm	
3 mm	30 mm	6 mm	1,9 mm	18 mm	
3 mm	35 mm	6 mm	1,9 mm	24 mm	
3 mm	40 mm	6 mm	1,9 mm	24 mm	
3,5 mm	20 mm	7 mm	2,2 mm	16 mm	
3,5 mm	20 mm	7 mm	2,2 mm	20 mm	
3,5 mm	25 mm	7 mm	2,2 mm	18 mm	
3,5 mm	30 mm	7 mm	2,2 mm	18 mm	
3,5 mm	35 mm	7 mm	2,2 mm	24 mm	
3,5 mm	40 mm	7 mm	2,2 mm	24 mm	
3,5 mm	50 mm	7 mm	2,2 mm	30 mm	
4 mm	20 mm	8 mm	2,4 mm	16 mm	
4 mm	25 mm	8 mm	2,4 mm	18 mm	
4 mm	30 mm	8 mm	2,4 mm	18 mm	
4 mm	35 mm	8 mm	2,4 mm	24 mm	
4 mm	40 mm	8 mm	2,4 mm	24 mm	
4 mm	45 mm	8 mm	2,4 mm	30 mm	
4 mm	50 mm	8 mm	2,4 mm	30 mm	
4 mm	60 mm	8 mm	2,4 mm	36 mm	
4,5 mm	25 mm	9 mm	2,7 mm	18 mm	
4,5 mm	30 mm	9 mm	2,7 mm	18 mm	
4,5 mm	35 mm	9 mm	2,7 mm	24 mm	
4,5 mm	40 mm	9 mm	2,7 mm	24 mm	
4,5 mm	50 mm	9 mm	2,7 mm	30 mm	
4,5 mm	60 mm	9 mm	2,7 mm	36 mm	
4,5 mm	70 mm	9 mm	2,7 mm	42 mm	
5 mm	25 mm	10 mm	3 mm	20 mm	
5 mm	30 mm	10 mm	3 mm	20 mm	
5 mm	35 mm	10 mm	3 mm	24 mm	
5 mm	40 mm	10 mm	3 mm	24 mm	

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## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, ELECTRO ZINC PLATED

Geometry					
Diameter	Length	Diameter of head	Inner diameter	Thread length	
5 mm	50 mm	10 mm	3 mm	30 mm	
5 mm	60 mm	10 mm	3 mm	36 mm	
5 mm	60 mm	10 mm	3 mm	42 mm	
5 mm	70 mm	10 mm	3 mm	42 mm	
5 mm	80 mm	10 mm	3 mm	42 mm	
5 mm	90 mm	10 mm	3 mm	42 mm	
5 mm	100 mm	10 mm	3 mm	52 mm	
5 mm	120 mm	10 mm	3,2 mm	62 mm	
6 mm	40 mm	12 mm	3,7 mm	24 mm	
6 mm	50 mm	12 mm	3,7 mm	30 mm	
6 mm	60 mm	12 mm	3,7 mm	36 mm	
6 mm	70 mm	12 mm	3,7 mm	42 mm	
6 mm	80 mm	12 mm	3,7 mm	42 mm	
6 mm	90 mm	12 mm	3,7 mm	42 mm	
6 mm	100 mm	12 mm	3,7 mm	52 mm	
6 mm	110 mm	12 mm	3,7 mm	62 mm	
6 mm	120 mm	12 mm	3,7 mm	72 mm	
6 mm	130 mm	12 mm	3,7 mm	72 mm	
6 mm	140 mm	12 mm	3,7 mm	72 mm	
6 mm	150 mm	12 mm	3,7 mm	72 mm	

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, ELECTRO ZINC PLATED

### Declared performance

Essential characteristics	Performance						Harmonised technical specification	
	Diameter	3 mm	3,5 mm	4 mm	4,5 mm	5 mm		6 mm
$M_{y,k}$ [Nmm]		1200	1800	2700	4000	5000	8500	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$		13,2	12,2	17,1	16,8	16,5	15,6	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$		27,7	26,5	22,7	21,3	22,4	22	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]		3,2	4,1	4,7	5,8	7,8	11,5	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$		1,8 ( $\rho = 350 \text{ kg/m}^3$ )	2,0 ( $\rho = 350 \text{ kg/m}^3$ )	2,3 ( $\rho = 450 \text{ kg/m}^3$ )	2,3 ( $\rho = 450 \text{ kg/m}^3$ )	2,7 ( $\rho = 450 \text{ kg/m}^3$ )	3,7 ( $\rho = 450 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)		Service class 1 acc. to EN 1995-1-1	Service class 1 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	EN 14592:2008+A1:2012

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## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, ELECTRO ZINC PLATED

### Unique identification code of the product-type

Item no	GTIN	Description
10003787	7317761943204	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X16
136151	7317761882886	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,0x16 EZP
10003788	7317761943211	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X20
136101	7317761882893	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,0x20 EZP
416101	7317761876618	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X20 EZP
10003789	7317761943228	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X25
136102	7317761882909	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,0x25 EZP
10003790	7317761943235	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X30
136103	7317761882916	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,0x30 EZP
416103	7317761876632	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X30 EZP
136104	7317761882923	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,0x35 EZP
10003791	7317761943242	WOOD SCREW ESSDRIVE COUNTER SUNK 3,0X40
136152	7317761882930	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,0x40 EZP
10003793	7317761943266	WOOD SCREW ESSDRIVE COUNTER SUNK 3,5X20
136106	7317761882954	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,5x20 EZP
136107	7317761882961	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,5x25 EZP
10003794	7317761943273	WOOD SCREW ESSDRIVE COUNTER SUNK 3,5X30
136108	7317761882978	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,5x30 EZP
416108	7317761876663	WOOD SCREW ESSDRIVE COUNTER SUNK 3,5X30 EZP
136109	7317761885986	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,5x35 EZP
10003795	7317761943280	WOOD SCREW ESSDRIVE COUNTER SUNK 3,5X40
136110	7317761885993	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,5x40 EZP
416110	7317761876670	WOOD SCREW ESSDRIVE COUNTER SUNK 3,5X40 EZP
136153	7317761886006	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 3,5x50 EZP
10003796	7317761943297	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 4,0X20
136111	7317761847847	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X20 EZP
436111	7317761848325	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x20 EZP
10003797	7317761943303	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 4,0X25
136112	7317761847854	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X25 EZP
10003798	7317761943310	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 4,0X30
136113	7317761847861	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X30 EZP
436113	7317761848349	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x30 EZP

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### Unique identification code of the product-type

Item no	GTIN	Description
10003799	7317761943327	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,0X35
136114	7317761847878	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X35 EZZ
10003800	7317761943334	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,0X40
136115	7317761847885	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X40 EZZ
436115	7317761848363	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x40 EZZ
136116	7317761847892	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X45 EZZ
436116	7317761848370	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x45 EZZ
10003801	7317761943341	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,0X50
136117	7317761847908	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X50 EZZ
436117	7317761848387	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x50 EZZ
10003802	7317761943358	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,0X60
136118	7317761847915	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X60 EZZ
436118	7317761848394	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x60 EZZ
10003343	7317761939436	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X70 EZZ-100
136154	7317761847922	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X25 EZZ
436154	7317761848400	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x25 EZZ
10003803	7317761943365	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,5X30
136119	7317761847939	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X30 EZZ
136155	7317761847946	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X35 EZZ
436155	7317761848424	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x35 EZZ
10003804	7317761943372	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,5X40
136120	7317761847953	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X40 EZZ
10003805	7317761943389	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,5X50
136121	7317761847960	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X50 EZZ
436121	7317761848448	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x50 EZZ
10003806	7317761943396	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,5X60
136122	7317761847977	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X60 EZZ
10003807	7317761943402	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 4,5X70
10003808	7317761943419	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 5,0X25
136156	7317761847991	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X25 EZZ
10003809	7317761943426	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZZ 5,0X30
136125	7317761848004	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X30 EZZ

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, ELECTRO ZINC PLATED

### Unique identification code of the product-type

Item no	GTIN	Description
436125	7317761848486	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x30 EZP
136157	7317761848011	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x35 EZP
436157	7317761848493	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x35 EZP
136326	7317761882572	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5X40 EZP TX20
10003810	7317761943433	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 5,0X40
136126	7317761848028	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X40 EZP
436126	7317761848509	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x40 EZP
136327	7317761882589	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5X50 EZP TX20
10003811	7317761943440	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 5,0X50
136127	7317761848035	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X50 EZP
436127	7317761848516	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x50 EZP
10003812	7317761943457	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 5,0X60
136128	7317761848042	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X60 EZP
136228	7317761848059	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X60 EZP
436128	7317761848523	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x60 EZP
136328	7317761882596	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5X60 EZP TX20
10003813	7317761943464	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 5,0X70
136129	7317761848066	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X70 EZP
136229	7317761848073	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X70 EZP
136329	7317761882602	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5X70 EZP TX20
436129	7317761848530	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x70 EZP
10003814	7317761943471	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 5,0X80
136130	7317761848080	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X80 EZP
136230	7317761848097	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X80 EZP
136330	7317761882619	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5X80 EZP TX20
436130	7317761848547	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x80 EZP
10003815	7317761943488	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 5,0X90
136131	7317761848103	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X90 EZP
136231	7317761848110	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X90 EZP
136331	7317761882626	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5X90 EZP TX20
436131	7317761848554	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x90 EZP
136332	7317761882633	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5X100 EZP TX20

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Item no	GTIN	Description
136132	7317761848127	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5X100 EZP
136232	7317761848134	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5X100 EZP
136133	7317761848141	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5X120 EZP
136233	7317761848158	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5X120 EZP
136159	7317761848165	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X40 EZP
10003816	7317761943495	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X50
136140	7317761848172	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X50 EZP
436140	7317761848561	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x50 EZP
10003817	7317761943501	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X60
136141	7317761848189	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X60 EZP
436141	7317761848578	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x60 EZP
10003818	7317761943518	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X70
136142	7317761848196	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X70 EZP
436142	7317761848585	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x70 EZP
10003819	7317761943525	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X80
136143	7317761848202	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X80 EZP
136243	7317761848219	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X80 EZP
436143	7317761848592	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x80 EZP
10003820	7317761943532	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X90
136160	7317761848226	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X90 EZP
136260	7317761848233	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X90 EZP
436160	7317761848608	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x90 EZP
10003821	7317761943549	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X100
136144	7317761848240	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X100 EZP
136244	7317761848257	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X100 EZP
436144	7317761848615	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x100 EZP
136145	7317761848264	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X110 EZP
10003822	7317761943556	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD EZP 6,0X120
136146	7317761848271	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X120 EZP
136246	7317761848288	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X120 EZP
436146	7317761848622	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x120 EZP
136147	7317761848295	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X130 EZP



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### Unique identification code of the product-type

Item no	GTIN	Description
136148	7317761848301	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X140 EZP
436148	7317761848639	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x140 EZP
136149	7317761848318	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6X150 EZP
436149	7317761848646	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x150 EZP

# DECLARATION OF PERFORMANCE

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, CORRSEAL

Geometry					
Diameter	Length	Diameter of head	Inner diameter	Thread length	
4 mm	30 mm	8 mm	2,4 mm	18 mm	
4 mm	40 mm	8 mm	2,4 mm	24 mm	
4 mm	50 mm	8 mm	2,4 mm	30 mm	
4,5 mm	40 mm	9 mm	2,7 mm	24 mm	
4,5 mm	50 mm	9 mm	2,7 mm	30 mm	
4,5 mm	60 mm	9 mm	2,7 mm	36 mm	
4,5 mm	70 mm	9 mm	2,7 mm	42 mm	
5 mm	40 mm	10 mm	3 mm	24 mm	
5 mm	50 mm	10 mm	3 mm	30 mm	
5 mm	60 mm	10 mm	3 mm	36 mm	
5 mm	70 mm	10 mm	3 mm	42 mm	
5 mm	80 mm	10 mm	3 mm	42 mm	
5 mm	90 mm	10 mm	3 mm	42 mm	
5 mm	100 mm	10 mm	3 mm	52 mm	
5 mm	100 mm	10 mm	3 mm	53 mm	
5 mm	120 mm	10 mm	3,2 mm	62 mm	
6 mm	60 mm	12 mm	3,7 mm	36 mm	
6 mm	70 mm	12 mm	3,7 mm	42 mm	
6 mm	70 mm	12 mm	3,7 mm	43 mm	
6 mm	80 mm	12 mm	3,7 mm	42 mm	
6 mm	80 mm	12 mm	3,7 mm	43 mm	
6 mm	90 mm	12 mm	3,7 mm	42 mm	
6 mm	90 mm	12 mm	3,7 mm	43 mm	
6 mm	100 mm	12 mm	3,7 mm	52 mm	
6 mm	100 mm	12 mm	3,7 mm	53 mm	
6 mm	110 mm	12 mm	3,7 mm	62 mm	
6 mm	120 mm	12 mm	3,7 mm	72 mm	
6 mm	140 mm	12 mm	3,7 mm	72 mm	
6 mm	160 mm	12 mm	3,7 mm	72 mm	
6 mm	180 mm	12 mm	3,7 mm	72 mm	
6 mm	220 mm	12 mm	3,7 mm	72 mm	

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WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, CORRSEAL

### Declared performance

Essential characteristics	Performance				Harmonised technical specification
	4 mm	4,5 mm	5 mm	6 mm	
<b>Diameter</b>					
$M_{y,k}$ [Nmm]	2200	3400	5000	8500	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	13,6	13	16,5	15,6	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	25,5	24,5	22,4	22	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	4,8	6,3	7,8	11,5	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$	1,9 ( $\rho = 350 \text{ kg/m}^3$ )	2,8 ( $\rho = 350 \text{ kg/m}^3$ )	2,7 ( $\rho = 450 \text{ kg/m}^3$ )	3,7 ( $\rho = 450 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	EN 14592:2008+A1:2012

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### Unique identification code of the product-type

Item no	GTIN	Description
10003752	7317761942863	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 4,0X30
137100	7317761847595	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X30 CS
437100	7317761848653	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x30 CS
10003753	7317761942870	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 4,0X40
137102	7317761847601	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X40 CS
437102	7317761848660	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x40 CS
10003754	7317761942887	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 4,0X50
137104	7317761847618	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0X50 CS
437104	7317761848677	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x50 CS
137106	7317761847625	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X40 CS
137108	7317761847632	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X50 CS
137110	7317761847649	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X60 CS
10003344	7317761939443	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5X70 CS-100
10003755	7317761942894	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X40
137160	7317761847663	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X40 CS
437160	7317761848684	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x40 CS
137313	7317761882657	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5,0X50 CS TX20
10003756	7317761942900	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X50
137113	7317761847670	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X50 CS
137212	7317761847687	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X50 CS
437113	7317761848691	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x50 CS
137314	7317761882664	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5,0X60 CS TX20
10003757	7317761942917	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X60
137114	7317761847694	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X60 CS
137215	7317761847700	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X60 CS
437114	7317761848707	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x60 CS
137316	7317761882671	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5,0X70 CS TX20
10003758	7317761942924	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X70
137116	7317761846338	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X70 CS
137217	7317761847717	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X70 CS
437116	7317761848714	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x70 CS
137318	7317761882688	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5,0X80 CS TX20

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, CORRSEAL

### Unique identification code of the product-type

Item no	GTIN	Description
10003759	7317761942931	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X80
137118	7317761846345	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X80 CS
137218	7317761847724	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X80 CS
437118	7317761848721	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x80 CS
137320	7317761882695	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5,0X90 CS TX20
10003760	7317761942948	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X90
137120	7317761846352	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X90 CS
137220	7317761847731	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X90 CS
437120	7317761848738	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x90 CS
10003761	7317761942955	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 5,0X100
437122	7317761848745	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x100 CS
137322	7317761882701	WOODSCREW ESSDRIVE COUNTER SUNK HEAD 5,0X100CS TX20
137122	7317761846369	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X100 CS
137222	7317761847748	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X100 CS
137124	7317761846376	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X120 CS
137224	7317761847755	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0X120 CS
10003762	7317761942962	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 6,0X60
137126	7317761847762	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X60 CS
437126	7317761848752	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x60 CS
10003763	7317761942979	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 6,0X70
437127	7317761848769	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x70 CS
137127	7317761846383	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X70 CS
10003764	7317761942986	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 6,0X80
437128	7317761848776	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x80 CS
137128	7317761846390	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X80 CS
137228	7317761847779	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X80 CS
10003765	7317761942993	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 6,0X90
437130	7317761848783	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x90 CS
137130	7317761846406	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X90 CS
137231	7317761847786	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X90 CS
10003766	7317761943006	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 6,0X100
437132	7317761848790	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x100 CS

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE, COUNTERSUNK HEAD, CORRSEAL

### Unique identification code of the product-type

Item no	GTIN	Description
137132	7317761846413	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X100 CS
137233	7317761847793	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X100 CS
137133	7317761846420	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X110 CS
10003767	7317761943013	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD CS 6,0X120
137134	7317761846437	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X120 CS
137235	7317761847809	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X120 CS
437134	7317761848806	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x120 CS
137136	7317761846444	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X140 CS
137138	7317761847816	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X160 CS
137140	7317761847823	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X180 CS
137142	7317761847830	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0X220 CS

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL ACID PROOF A4

### Geometry

Diameter	Length	Diameter of head	Inner diameter	Thread length
5 mm	50 mm	10 mm	3 mm	30 mm
5 mm	60 mm	10 mm	3 mm	36 mm
5 mm	70 mm	10 mm	3 mm	42 mm
5 mm	80 mm	10 mm	3 mm	42 mm
5 mm	80 mm	10 mm	3 mm	50 mm
5 mm	90 mm	10 mm	3 mm	42 mm
5 mm	100 mm	10 mm	3 mm	52 mm
6 mm	60 mm	12 mm	3,7 mm	36 mm
6 mm	70 mm	12 mm	3,7 mm	42 mm
6 mm	80 mm	12 mm	3,7 mm	42 mm
6 mm	90 mm	12 mm	3,7 mm	42 mm
6 mm	100 mm	12 mm	3,7 mm	52 mm
6 mm	120 mm	12 mm	3,7 mm	72 mm
6 mm	140 mm	12 mm	3,7 mm	72 mm

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL ACID PROOF A4

### Declared performance

Essential characteristics	Performance		Harmonised technical specification
	5 mm	6 mm	
Diameter			
$M_{y,k}$ [Nmm]	2600	3600	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	14,7	14,1	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	21,6	20,7	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	3,9	5,2	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$	1,5 ( $\rho = 450 \text{ kg/m}^3$ )	2,3 ( $\rho = 450 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability [i.e. corrosion protection]	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	EN 14592:2008+A1:2012

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL ACID PROOF A4

### Unique identification code of the product-type

Item no	GTIN	Description
10003739	7317761942733	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 5,0X50
139120	7317761880141	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x50 A4
419120	7317761876847	WOOD SCREW COUNTER SUNK HEAD 5,0X50 A4 TX20
10003740	7317761942740	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 5,0X60
139122	7317761880158	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x60 A4
419122	7317761876854	WOOD SCREW COUNTER SUNK HEAD 5,0X60 A4 TX20
10003741	7317761942757	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 5,0X70
139124	7317761880165	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x70 A4
419124	7317761876861	WOOD SCREW COUNTER SUNK HEAD 5,0X70 A4 TX20
139126	7317761880172	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x80 A4
10003742	7317761942764	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 5,0X80
419126	7317761876878	WOOD SCREW COUNTER SUNK HEAD 5,0X80 A4 TX20
10003743	7317761942771	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 5,0X90
139128	7317761880189	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x90 A4
10003744	7317761942788	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 5,0X100
139130	7317761880196	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x100 A4
10003745	7317761942795	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X60
139132	7317761880202	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x60 A4
10003746	7317761942801	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X70
139134	7317761880219	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x70 A4
10003747	7317761942818	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X80
139136	7317761880226	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x80 A4
10003748	7317761942825	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X90
139138	7317761880233	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x90 A4
10003749	7317761942832	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X100
139140	7317761880240	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x100 A4
10003750	7317761942849	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X120
139144	7317761880257	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x120 A4
10003751	7317761942856	WOODSCREW ESSDRIVE COUNTER SUNK HEAD A4 6,0X140
139146	7317761888062	WOODSCREW ESSDRIVE 6,0x140 COUNTERSUNK A4



# DECLARATION OF PERFORMANCE

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL A2

Geometry					
Diameter	Length	Diameter of head	Inner diameter	Thread length	
3 mm	16 mm	6 mm	1,9 mm	13 mm	
3 mm	20 mm	6 mm	1,9 mm	17 mm	
3 mm	30 mm	6 mm	1,9 mm	18 mm	
3 mm	40 mm	6 mm	1,9 mm	24 mm	
3,5 mm	20 mm	7 mm	2,2 mm	16 mm	
3,5 mm	20 mm	7 mm	2,2 mm	17 mm	
3,5 mm	30 mm	7 mm	2,2 mm	18 mm	
3,5 mm	30 mm	7 mm	2,2 mm	24 mm	
3,5 mm	40 mm	7 mm	2,2 mm	24 mm	
4 mm	20 mm	8 mm	2,4 mm	16 mm	
4 mm	30 mm	8 mm	2,4 mm	18 mm	
4 mm	40 mm	8 mm	2,4 mm	24 mm	
4 mm	45 mm	8 mm	2,4 mm	30 mm	
4 mm	50 mm	8 mm	2,4 mm	30 mm	
4,5 mm	30 mm	9 mm	2,7 mm	18 mm	
4,5 mm	40 mm	9 mm	2,7 mm	24 mm	
4,5 mm	50 mm	9 mm	2,7 mm	30 mm	
4,5 mm	60 mm	9 mm	2,7 mm	36 mm	
4,5 mm	70 mm	9 mm	2,7 mm	42 mm	
5 mm	40 mm	10 mm	3 mm	24 mm	
5 mm	50 mm	10 mm	3 mm	30 mm	
5 mm	60 mm	10 mm	3 mm	36 mm	
5 mm	70 mm	10 mm	3 mm	42 mm	
5 mm	80 mm	10 mm	3 mm	42 mm	
5 mm	80 mm	10 mm	3 mm	50 mm	
5 mm	90 mm	10 mm	3 mm	42 mm	
5 mm	90 mm	10 mm	3 mm	60 mm	
5 mm	100 mm	10 mm	3 mm	52 mm	
5 mm	100 mm	10 mm	3 mm	60 mm	
6 mm	50 mm	12 mm	3,7 mm	30 mm	
6 mm	60 mm	12 mm	3,7 mm	36 mm	
6 mm	70 mm	12 mm	3,7 mm	42 mm	

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL A2

### Geometry

Diameter	Length	Diameter of head	Inner diameter	Thread length
6 mm	80 mm	12 mm	3,7 mm	42 mm
6 mm	80 mm	12 mm	3,7 mm	50 mm
6 mm	90 mm	12 mm	3,7 mm	42 mm
6 mm	100 mm	12 mm	3,7 mm	52 mm
6 mm	100 mm	12 mm	3,7 mm	60 mm
6 mm	120 mm	12 mm	3,7 mm	72 mm
6 mm	130 mm	12 mm	3,7 mm	72 mm
6 mm	140 mm	12 mm	3,7 mm	72 mm

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL A2

### Declared performance

Essential characteristics	Performance						Harmonised technical specification
	3 mm	3,5 mm	4 mm	4,5 mm	5 mm	6 mm	
$M_{y,k}$ [Nmm]	789	1300	2400	2600	3300	6200	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	18,23	15,4	16,7	16,5	15,6	15,7	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	28,62	25,8	25,3	24,2	23,5	22	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	1,75	2,4	3,4	4	4,8	6,9	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$	1,7 ( $\rho = 350 \text{ kg/m}^3$ )	1,7 ( $\rho = 350 \text{ kg/m}^3$ )	2,4 ( $\rho = 350 \text{ kg/m}^3$ )	1,9 ( $\rho = 350 \text{ kg/m}^3$ )	2,1 ( $\rho = 350 \text{ kg/m}^3$ )	1,9 ( $\rho = 350 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	EN 14592:2008+A1:2012

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL A2

### Unique identification code of the product-type

Item no	GTIN	Description
135104	7317761879817	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,0x16 A2
135105	7317761879824	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,0x20 A2
135107	7317761879831	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,0x30 A2
135108	7317761879848	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,0x40 A2
415110	7317761876489	WOOD SCREW COUNTER SUNK HEAD 3,5x20 A2 TX10
135110	7317761879855	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,5x20 A2
135111	7317761879862	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,5x30 A2
415111	7317761876496	WOOD SCREW COUNTER SUNK HEAD 3,5x30 A2 TX10
135112	7317761879879	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 3,5x40 A2
135113	7317761879886	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x20 A2
135114	7317761879893	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x30 A2
415114	7317761876502	WOOD SCREW COUNTER SUNK HEAD 4,0x30 A2 TX20
135115	7317761879909	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x40 A2
415115	7317761876519	WOOD SCREW COUNTER SUNK HEAD 4,0x40 A2 TX20
135116	7317761879916	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x45 A2
135117	7317761879923	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,0x50 A2
415117	7317761876526	WOOD SCREW COUNTER SUNK HEAD 4,0x50 A2 TX20
135119	7317761879930	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x30 A2
135120	7317761879947	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x40 A2
135121	7317761879954	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x50 A2
135122	7317761879961	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x60 A2
135123	7317761879978	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 4,5x70 A2
135125	7317761879985	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x40 A2
135126	7317761879992	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x50 A2
415147	7317761876557	WOOD SCREW COUNTER SUNK HEAD 5,0x50 A2 TX20
135127	7317761880004	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x60 A2
415148	7317761876564	WOOD SCREW COUNTER SUNK HEAD 5,0x60 A2 TX20
135129	7317761880011	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x70 A2
415149	7317761876571	WOOD SCREW COUNTER SUNK HEAD 5,0x70 A2 TX20
135130	7317761880028	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x80 A2
415150	7317761876588	WOOD SCREW COUNTER SUNK HEAD 5,0x80 A2 TX20
135132	7317761880035	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x90 A2

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE COUNTERSUNK HEAD, STAINLESS STEEL A2

### Unique identification code of the product-type

Item no	GTIN	Description
415151	7317761876595	WOOD SCREW COUNTER SUNK HEAD 5,0X90 A2 TX20
135133	7317761880042	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 5,0x100 A2
415152	7317761876601	WOOD SCREW COUNTER SUNK HEAD 5,0X100 A2 TX20
135134	7317761880059	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x50 A2
135135	7317761880066	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x60 A2
135136	7317761880073	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x70 A2
135138	7317761880080	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x80 A2
415138	7317761876533	WOOD SCREW COUNTER SUNK HEAD 6,0X80 A2 TX30
135139	7317761880097	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x90 A2
135141	7317761880103	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x100 A2
415141	7317761876540	WOOD SCREW COUNTER SUNK HEAD 6,0X100 A2 TX30
135143	7317761880110	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x120 A2
135144	7317761880127	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x130 A2
135145	7317761880134	WOOD SCREW ESSDRIVE COUNTER SUNK HEAD 6,0x140 A2

# DECLARATION OF PERFORMANCE

## WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED

Geometry					
Diameter	Length	Diameter of head	Inner diameter	Thread length	
3 mm	16 mm	6 mm	1,9 mm	13 mm	
3 mm	16 mm	6 mm	1,9 mm	16 mm	
3 mm	20 mm	6 mm	1,9 mm	20 mm	
3,5 mm	16 mm	7 mm	2,2 mm	16 mm	
3,5 mm	20 mm	7 mm	2,2 mm	16 mm	
3,5 mm	20 mm	7 mm	2,2 mm	20 mm	
3,5 mm	25 mm	7 mm	2,2 mm	18 mm	
3,5 mm	30 mm	7 mm	2,2 mm	18 mm	
3,5 mm	40 mm	7 mm	2,2 mm	24 mm	
4 mm	16 mm	8 mm	2,4 mm	16 mm	
4 mm	20 mm	8 mm	2,4 mm	16 mm	
4 mm	20 mm	8 mm	2,4 mm	20 mm	
4 mm	25 mm	8 mm	2,4 mm	18 mm	
4 mm	30 mm	8 mm	2,4 mm	18 mm	
4 mm	35 mm	8 mm	2,4 mm	24 mm	
4 mm	40 mm	8 mm	2,4 mm	24 mm	
4 mm	45 mm	8 mm	2,4 mm	30 mm	
4 mm	50 mm	8 mm	2,4 mm	30 mm	
5 mm	25 mm	10 mm	3 mm	20 mm	
5 mm	30 mm	10 mm	3 mm	20 mm	
5 mm	35 mm	10 mm	3 mm	24 mm	
5 mm	40 mm	10 mm	3 mm	24 mm	
5 mm	50 mm	10 mm	3 mm	30 mm	
5 mm	60 mm	10 mm	3 mm	36 mm	
5 mm	70 mm	10 mm	3 mm	42 mm	
5 mm	80 mm	10 mm	3 mm	42 mm	
5 mm	80 mm	10 mm	3 mm	50 mm	
5 mm	90 mm	10 mm	3 mm	42 mm	
5 mm	100 mm	10 mm	3 mm	52 mm	
6 mm	40 mm	12 mm	3,7 mm	24 mm	
6 mm	50 mm	12 mm	3,7 mm	30 mm	
6 mm	60 mm	12 mm	3,7 mm	36 mm	

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED

### Geometry

Diameter	Length	Diameter of head	Inner diameter	Thread length
6 mm	70 mm	12 mm	3,7 mm	42 mm
6 mm	80 mm	12 mm	3,7 mm	42 mm
6 mm	80 mm	12 mm	3,7 mm	50 mm
6 mm	90 mm	12 mm	3,7 mm	42 mm
6 mm	90 mm	12 mm	3,7 mm	60 mm
6 mm	100 mm	12 mm	3,7 mm	52 mm
6 mm	100 mm	12 mm	3,7 mm	60 mm

## WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED

### Declared performance

Essential characteristics	Performance					Harmonised technical specification
	3 mm	3,5 mm	4 mm	5 mm	6 mm	
$M_{y,k}$ [Nmm]	1200	1800	2700	5000	8500	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	13,2	12,2	17,1	16,5	15,6	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	35,2	33,1	30,1	28,2	27,1	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	3,2	4,1	4,7	7,8	11,5	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$	1,8 ( $\rho = 350 \text{ kg/m}^3$ )	2,0 ( $\rho = 350 \text{ kg/m}^3$ )	2,3 ( $\rho = 450 \text{ kg/m}^3$ )	2,7 ( $\rho = 450 \text{ kg/m}^3$ )	3,7 ( $\rho = 450 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)	Service class 1 acc. to EN 1995-1-1	Service class 1 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	Service class 2 acc. to EN 1995-1-1	EN 14592:2008+A1:2012

## WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED

### Unique identification code of the product-type

Item no	GTIN	Description
10003769	7317761943020	WOOD SCREW ESSDRIVE PAN HEAD EZP 3,0X16
414101	7317761876168	WOOD SCREW ESSDRIVE PAN HEAD 3,0X16 EZP
134101	7317761886020	WOODSCREW ESSDRIVE PAN HEAD 3,0x16 EZP
134102	7317761886037	WOODSCREW ESSDRIVE PAN HEAD 3,0x20 EZP
134103	7317761886044	WOODSCREW ESSDRIVE PAN HEAD 3,5x16 EZP
414104	7317761876175	WOOD SCREW ESSDRIVE PAN HEAD 3,5X20 EZP
134104	7317761886051	WOODSCREW ESSDRIVE PAN HEAD 3,5x20 EZP
134105	7317761886068	WOODSCREW ESSDRIVE PAN HEAD 3,5x25 EZP
134106	7317761886075	WOODSCREW ESSDRIVE PAN HEAD 3,5x30 EZP
414106	7317761876182	WOOD SCREW ESSDRIVE PAN HEAD 3,5X30 EZP
134107	7317761886082	WOODSCREW ESSDRIVE PAN HEAD 3,5x40 EZP
134109	7317761886105	WOODSCREW ESSDRIVE PAN HEAD 4,0x16 EZP
10003771	7317761943044	WOOD SCREW ESSDRIVE PAN HEAD EZP 4,0X20
414110	7317761876212	WOOD SCREW ESSDRIVE PAN HEAD 4,0X20 EZP
134110	7317761886112	WOODSCREW ESSDRIVE PAN HEAD 4,0x20 EZP
10003772	7317761943051	WOOD SCREW ESSDRIVE PAN HEAD EZP 4,0X25
134111	7317761886129	WOODSCREW ESSDRIVE PAN HEAD 4,0x25 EZP
10003773	7317761943068	WOOD SCREW ESSDRIVE PAN HEAD EZP 4,0X30
134112	7317761886136	WOODSCREW ESSDRIVE PAN HEAD 4,0x30 EZP
414112	7317761876236	WOOD SCREW ESSDRIVE PAN HEAD 4,0X30 EZP
134113	7317761886143	WOODSCREW ESSDRIVE PAN HEAD 4,0x35 EZP
414113	7317761876243	WOOD SCREW ESSDRIVE PAN HEAD 4,0X35 EZP
10003774	7317761943075	WOOD SCREW ESSDRIVE PAN HEAD EZP 4,0X40
134114	7317761886150	WOODSCREW ESSDRIVE PAN HEAD 4,0x40 EZP
134115	7317761886167	WOODSCREW ESSDRIVE PAN HEAD 4,0x45 EZP
10003775	7317761943082	WOOD SCREW ESSDRIVE PAN HEAD EZP 4,0X50
134116	7317761886174	WOODSCREW ESSDRIVE PAN HEAD 4,0x50 EZP
134143	7317761886259	WOODSCREW ESSDRIVE PAN HEAD 5,0x25 EZP
134144	7317761886266	WOODSCREW ESSDRIVE PAN HEAD 5,0x30 EZP
134145	7317761886273	WOODSCREW ESSDRIVE PAN HEAD 5,0x35 EZP
414126	7317761876342	WOOD SCREW ESSDRIVE PAN HEAD 5,0X35 EZP
10003778	7317761943112	WOOD SCREW ESSDRIVE PAN HEAD EZP 5,0X40

# DECLARATION OF PERFORMANCE

## WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED

### Unique identification code of the product-type

Item no	GTIN	Description
134146	7317761886280	WOODSCREW ESSDRIVE PAN HEAD 5,0x40 EZP
414127	7317761876359	WOOD SCREW ESSDRIVE PAN HEAD 5,0X40 EZP
10003779	7317761943129	WOOD SCREW ESSDRIVE PAN HEAD EZP 5,0X50
134147	7317761886297	WOODSCREW ESSDRIVE PAN HEAD 5,0x50 EZP
414128	7317761876366	WOOD SCREW ESSDRIVE PAN HEAD 5,0X50 EZP
10003780	7317761943136	WOOD SCREW ESSDRIVE PAN HEAD EZP 5,0X60
134148	7317761886303	WOODSCREW ESSDRIVE PAN HEAD 5,0x60 EZP
414129	7317761876373	WOOD SCREW ESSDRIVE PAN HEAD 5,0X60 EZP
134149	7317761886310	WOODSCREW ESSDRIVE PAN HEAD 5,0x70 EZP
414130	7317761872047	WOOD SCREW ESSDRIVE PAN HEAD 5,0X70 EZP
134150	7317761886327	WOODSCREW ESSDRIVE PAN HEAD 5,0x80 EZP
414150	7317761876472	WOOD SCREW ESSDRIVE PAN HEAD 5,0X80 EZP
134151	7317761886334	WOODSCREW ESSDRIVE PAN HEAD 5,0x90 EZP
134133	7317761886341	WOODSCREW ESSDRIVE PAN HEAD 5,0x100 EZP
10003781	7317761943143	WOOD SCREW ESSDRIVE PAN HEAD EZP 6,0X40
134134	7317761886358	WOODSCREW ESSDRIVE PAN HEAD 6,0x40 EZP
414134	7317761876380	WOOD SCREW ESSDRIVE PAN HEAD 6,0X40 EZP
10003782	7317761943150	WOOD SCREW ESSDRIVE PAN HEAD EZP 6,0X50
134135	7317761886365	WOODSCREW ESSDRIVE PAN HEAD 6,0x50 EZP
414135	7317761876397	WOOD SCREW ESSDRIVE PAN HEAD 6,0X50 EZP
10003783	7317761943167	WOOD SCREW ESSDRIVE PAN HEAD EZP 6,0X60
134136	7317761886372	WOODSCREW ESSDRIVE PAN HEAD 6,0x60 EZP
414136	7317761876403	WOOD SCREW ESSDRIVE PAN HEAD 6,0X60 EZP
134137	7317761886389	WOODSCREW ESSDRIVE PAN HEAD 6,0x70 EZP
414137	7317761876410	WOOD SCREW ESSDRIVE PAN HEAD 6,0X70 EZP
134138	7317761886396	WOODSCREW ESSDRIVE PAN HEAD 6,0x80 EZP
10003784	7317761943174	WOOD SCREW ESSDRIVE PAN HEAD EZP 6,0X80
414138	7317761876427	WOOD SCREW ESSDRIVE PAN HEAD 6,0X80 EZP
134141	7317761886402	WOODSCREW ESSDRIVE PAN HEAD 6,0x90 EZP
414141	7317761876458	WOOD SCREW ESSDRIVE PAN HEAD 6,0X90 EZP
134139	7317761886419	WOODSCREW ESSDRIVE PAN HEAD 6,0x100 EZP
10003785	7317761943181	WOOD SCREW ESSDRIVE PAN HEAD EZP 6,0X100



# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE, PAN HEAD, ELECTRO ZINC PLATED

### Unique identification code of the product-type

Item no	GTIN	Description
414139	7317761876434	WOOD SCREW ESSDRIVE PAN HEAD 6,0X100 EZP

## WOOD SCREW ESSDRIVE PAN HEAD, STAINLESS STEEL A2

### Geometry

Diameter	Length	Diameter of head	Inner diameter	Thread length
4 mm	20 mm	8 mm	2,4 mm	20 mm
4 mm	30 mm	8 mm	2,4 mm	18 mm
4 mm	40 mm	8 mm	2,4 mm	24 mm
4 mm	50 mm	8 mm	2,4 mm	30 mm
4,5 mm	30 mm	9 mm	2,7 mm	18 mm
4,5 mm	40 mm	9 mm	2,7 mm	24 mm
4,5 mm	50 mm	9 mm	2,7 mm	30 mm
5 mm	40 mm	10 mm	3 mm	24 mm
5 mm	50 mm	10 mm	3 mm	30 mm
5 mm	60 mm	10 mm	3 mm	36 mm
5 mm	70 mm	10 mm	3 mm	42 mm
5 mm	80 mm	10 mm	3 mm	42 mm
5 mm	100 mm	10 mm	3 mm	52 mm
6 mm	60 mm	12 mm	3,7 mm	36 mm
6 mm	80 mm	12 mm	3,7 mm	42 mm
6 mm	100 mm	12 mm	3,7 mm	52 mm

# DECLARATION OF PERFORMANCE

WS-ESSDRIVE-EN14592 [EN]

## WOOD SCREW ESSDRIVE PAN HEAD, STAINLESS STEEL A2

### Declared performance

Essential characteristics	Performance				Harmonised technical specification
	4 mm	4,5 mm	5 mm	6 mm	
Diameter					
$M_{y,k}$ [Nmm]	2000	2700	3300	5800	EN 14592:2008+A1:2012
$f_{ax,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	16,6	16,5	15,6	15,4	EN 14592:2008+A1:2012
$f_{head,k}$ [N/mm <sup>2</sup> ] for $\rho_k = 350 \text{ kg/m}^3$	30,1	29,2	28,2	27,1	EN 14592:2008+A1:2012
$f_{tens,k}$ [kN]	3,2	3,9	5	7	EN 14592:2008+A1:2012
$f_{tor,k}$ [Nm] / $R_{tor,k}$ [Nm] $\geq 1,5$	1,6 ( $\rho = 350 \text{ kg/m}^3$ )	1,8 ( $\rho = 350 \text{ kg/m}^3$ )	1,7 ( $\rho = 350 \text{ kg/m}^3$ )	1,5 ( $\rho = 350 \text{ kg/m}^3$ )	EN 14592:2008+A1:2012
Durability (i.e. corrosion protection)	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	Service class 3 acc. to EN 1995-1-1	EN 14592:2008+A1:2012

## WOOD SCREW ESSDRIVE PAN HEAD, STAINLESS STEEL A2

### Unique identification code of the product-type

Item no	GTIN	Description
132110	7317761880264	WOOD SCREW ESSDRIVE PAN HEAD 4,0x20 A2
132112	7317761880271	WOOD SCREW ESSDRIVE PAN HEAD 4,0x30 A2
132114	7317761880288	WOOD SCREW ESSDRIVE PAN HEAD 4,0x40 A2
132116	7317761880295	WOOD SCREW ESSDRIVE PAN HEAD 4,0x50 A2
132117	7317761880301	WOOD SCREW ESSDRIVE PAN HEAD 4,5x30 A2
132119	7317761880318	WOOD SCREW ESSDRIVE PAN HEAD 4,5x40 A2
132121	7317761880325	WOOD SCREW ESSDRIVE PAN HEAD 4,5x50 A2
132125	7317761880332	WOOD SCREW ESSDRIVE PAN HEAD 5,0x40 A2
132128	7317761880349	WOOD SCREW ESSDRIVE PAN HEAD 5,0x50 A2
132130	7317761880356	WOOD SCREW ESSDRIVE PAN HEAD 5,0x60 A2
132131	7317761880363	WOOD SCREW ESSDRIVE PAN HEAD 5,0x70 A2
132133	7317761880370	WOOD SCREW ESSDRIVE PAN HEAD 5,0x80 A2
132134	7317761880387	WOOD SCREW ESSDRIVE PAN HEAD 5,0x100 A2
132137	7317761880394	WOOD SCREW ESSDRIVE PAN HEAD 6,0x60 A2
132139	7317761880400	WOOD SCREW ESSDRIVE PAN HEAD 6,0x80 A2
132141	7317761880417	WOOD SCREW ESSDRIVE PAN HEAD 6,0x100 A2

## DECLARATION OF PERFORMANCE

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WS-ESSDRIVE-EN14592 [EN]

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Viktor Bukowski, Product Developer/Technical expert – Fasteners  
Kista 2023-12-06