



EL / EPP couplings are suitable for the main connection beam / beam, and at the same time it can also be used for secondary connections and links.



[UK-DoP-e07/0245](#), [ETA-07/0245](#)

FEATURES



Material

Steel quality:

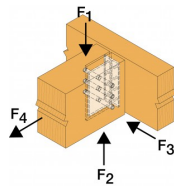
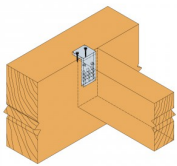
S 250 GD + Z 275 according to DIN EN 10346

Corrosion protection:

275 g / m galvanized on both sides 20mm

Benefits

- Horizontal oblique connection with the connector are possible.
- rising connection possible.
- Declining inclined connections are only allowed to shift
- Possible high degree of prefabrication in the plant means fast on-site assembly.
- EL connector is available in 5 sizes.



APPLICATIONS

Applicatons

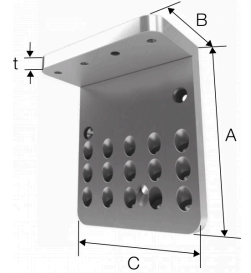
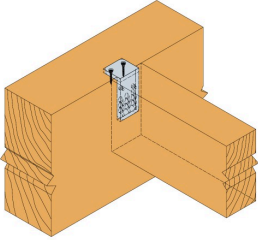
Wood, wood products, concrete, steel

Scope

- for connecting secondary beams of wood or wooden materials to the main support structure of wood / wood materials.

TECHNICAL DATA

Product Dimensions



References	Tun / DB nr.	NOB nr.	Joist Size [mm]		Product Dimensions [mm]				Header holes	Joist holes
			Width	Height	A	B	C	t ₁	Ø5.4	Ø5.4
			Min	Min						
EL30	5023081	24176174	30	160	120	55	30	10	1	3
EL40	5794015	24895674	50	160	120	55	40	10	1	6
EL60	5794016	24942849	70	160	120	55	60	10	2	9
EL80	5794017	24942864	90	160	120	55	80	10	3	12
EL100	5794018	24942880	110	160	120	55	100	10	4	15

Product characteristic capacities

References	Product Capacities				Product characteristic capacities - Timber C24 [kN] R _{1,k}
	Number of Fasteners				
	Header		Joist		
	Qty	Type	Qty	Type	
EL30	1	CNA4,0x40	3	5,0x70	7.3
EL40	1	CNA4,0x40	6	5,0x70	9.9
EL60	2	CNA4,0x40	9	5,0x70	13.6
EL80	3	CNA4,0x40	12	5,0x70	17
EL100	4	CNA4,0x40	15	5,0x70	20.4

The anchoring have to be checked according to the ETA.

INSTALLATION

Fasteners

- Screw Ø5xL with L≥60mm

