CPS - CPS COLUMN SHOE

CPS column shoe consists of a header with a special thread, which ensures easy installation and high levels of ecstasy. CPS model is equipped with a fixed pipe. They are suitable for connection restraints timber NH or BSH cross section 12 x 12 cm. Connection is made from the front.

ETA-07/0285

FEATURES

Material

Steel quality:
S 235 JR according to DIN EN 10025
Corrosion protection:
Galvanizing layer thickness of about 55 microns in accordance with DIN EN 1461

Benefits

- Support for woodworking professionals
- Faster installation - fine thread
- High durability

APPLICATIONS

Applicatons

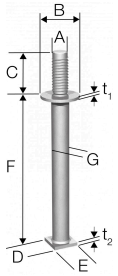
Wood, wood products, concrete

Scope

- CPS support legs are designed to support vertical and horizontal loads.
- Connection to the rest of the structure is carried out in 40 mm diameter bore.
- In conventional joinery we recommend our templates BTBS40.

TECHNICAL DATA

Product Dimensions



References	Post dimensions [mm]	Product Dimensions [mm]								
	Width min	A	B	C	D	E	F	G	t_1	t_2
CPS40	120	40	105	120	70	70	450	48	8	10

Capacities

References	Characteristic capacities - Timber C24 [kN]			
	$R_{1,k}$*	$R_{2,k}$	$R_{2,k}$**	$R_{3,k} = R_{4,k}$
CPS40	min(170; 118/kmod)	23.7	13.8	min(7,2;5,2/kmod)

* 110,7 kN, When pressure forces (F_1) and pull forces (F_2) occur
** When pressure forces (F_1) and pull forces (F_2) occur:
Combined loads:

$$\sum \frac{F_{i,d}}{R_{i,d}} \leq 1$$

When pressure (F_1) and tensile (F_2) forces occur, please see ETA for capacities.

INSTALLATION

Fasteners

- CPS column must be at least 15 cm in the concrete - has to be maintained strength concrete.
- Support CPS leg is screwed ¾
- only single use, should not be disassembled and used again