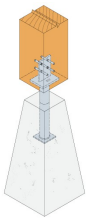
Technical data sheet

PIS
Column shoe type IS - PIS

These beads may be used for high load, and therefore are used as the carrier for the construction of structures.



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

- **PIS feet are designed to support vertical and horizontal loads.**
- **Installation in promoting progress in the slot and bolt in place.**
- **They are connected to the concrete foundation.**

Applications

Applicatons

Wood, wood products, concrete

Scope

PIS column bases can be used for high loads and therefore as supporting parts in the contruction

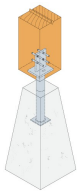
Technical data sheet

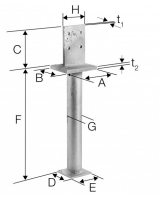
PIS
Column shoe type IS - PIS

SIMPSON Strong-Tie

Technical Data

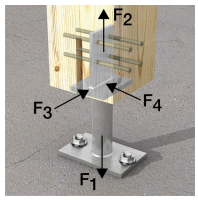
Product Dimensions





References	Tun / DB nr.	NOB nr.	Product Dimensions [mm]										Holes	Box Quantity	Weight [kg]
			A	B	C	D	E	F	G	H	t_1	t_2	Ø8.5 [mm]		
PIS70G-B	3104346	21219779	100	80	110	70	70	313	42	70	8	10	4	8	2.3

Product Capacities



References	Number of Fasteners		Characteristic capacities - Timber C24 [kN]									
	On post		$R_{1.k}$	$R_{2.k}$			$R_{3.k}$			$R_{4.k}$		
	Qty	Type		Width of post [mm]			Width of post [mm]			Width of post [mm]		
				80	100	120	80	100	120	80	100	120
PIS70G-B	4	STD8 x L	min (142.8 ; 110.8/kmod)	16	18.7	20.7	min (10.9 ; 6.3/kmod)	6.3/kmod	6.3/kmod	4.1	min (5.9 ; 5.1 /kmod)	min (7 ; 5.5 /kmod)

Combined load:

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

Installation

Fasteners

- **These shoes are concreted.**
- **The distance between the pressure plate to the concrete should not exceed 150 mm.**
- **Port on wood is done with dowels Ø8**