



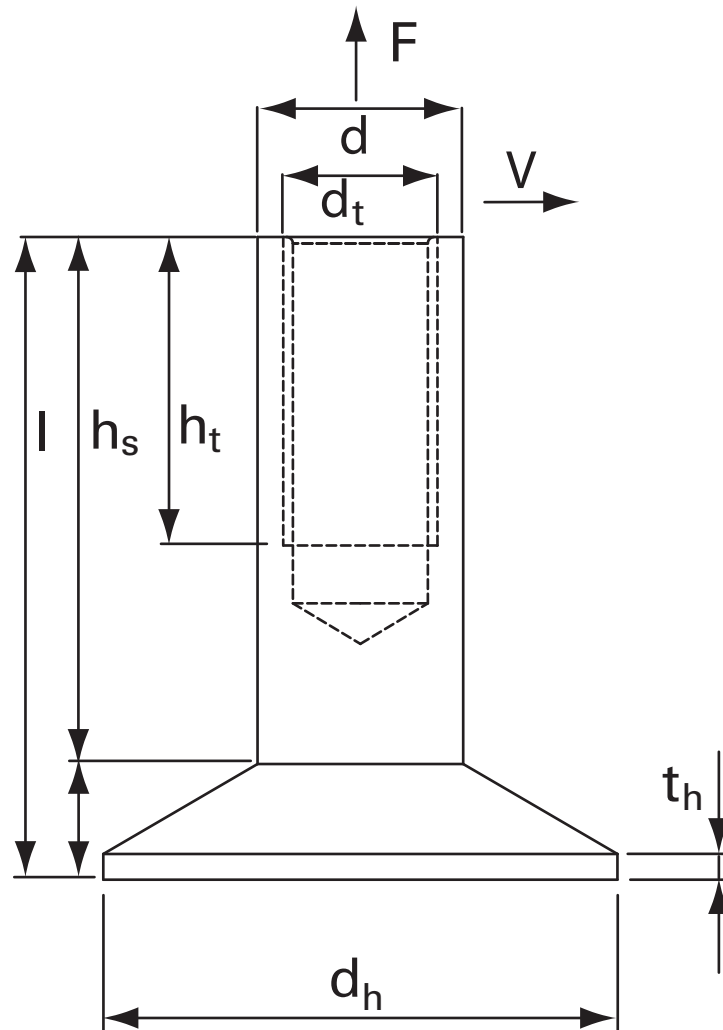
**HFS**

**Fixing sockets**



EN-9/2008

# HFS FIXING SOCKETS



## Benefits of Peikko® HFS fixing socket

- Quick and easy installation
- No sharp edges
- No additional rebars



### Peikko benefits

- reliable: passed demanding test program
- competitive price and delivery time
- economical and easy to use in designing, manufacturing and installation of the elements

# HFS fixing sockets

HFS fixing socket is Peikko's solution for different kind of fixings during the construction time and also permanent applications.

Capacities have been confirmed in concrete tests in Finnish VTT technical research institute. Installation is easy because the shape of HFS is round – it does not stick into reinforcement and it does not need additional reinforcements.

Material: S355J0  
Surface treatment: zinc plated, yellow passivated

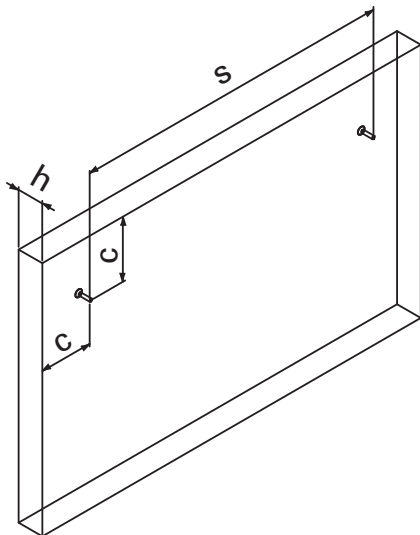


Table 1. Dimensions

Type	l	ht	d	dt	dh
[mm]					
10x60	60	40	14	10	35
12x50	50	33	16	12	40
12x70	70	46	16	12	40
16x50	50	33	20	16	50
16x90	90	61	20	16	50
20x100	100	67	24	20	60
24x130	130	87	28	24	70

Table 2. Accessories




NPM magnetic holder	NPP plastic nail plate	CPP plastic cap
		
For use with metallic mould, M12 - M24	For use with timber mould, M10 - M24	For sealing the thread, M12 - M24

Table 3. Design values for capacities according to EC2

Type	CONCRETE GRADE C20/25		Minimum edge distance [mm]	Minimum distance between the sockets [mm]	Minimum thickness of the concrete element [mm]
	Pull [kN] F	Shear [kN] V	c	s	h
HFS 10x60	10,0	9,0	120	240	120
HFS 12x50	7,0	6,3	100	200	100
HFS 12x70	12,7	13,4	140	280	140
HFS 16x50	6,5	5,9	100	200	100
HFS 16x90	18,7	20,3	180	360	180
HFS 20x100	22,0	24,4	200	400	200
HFS 24x130	33,3	37,1	260	520	260



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