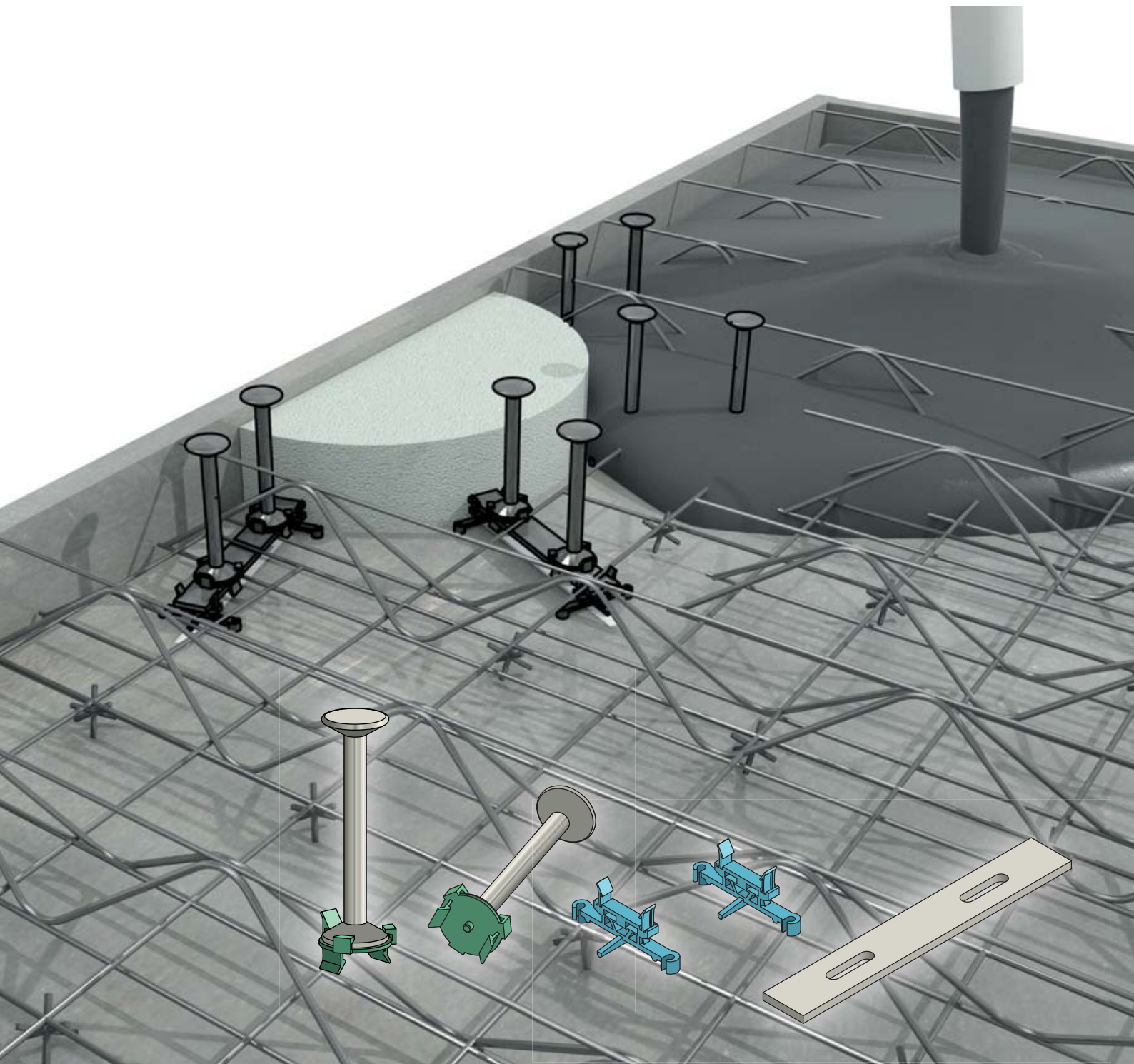


PSB-F PUNCHING SHEAR REINFORCEMENT – specially developed for precast plants



APPLICATION OF PSB-F

Peikko's new type of punching shear reinforcement, PSB-F has been developed in close cooperation with filigran slab producers. The solution is specially tailored to meet the needs of fully-automated filigran slab production process on the one hand and to offer the best suited storage solution that permits greatest possible flexibility, speed and cost savings on the other hand.

PSB-F IN A NUTSHELL

The PSB-F solution consists of a set of parts

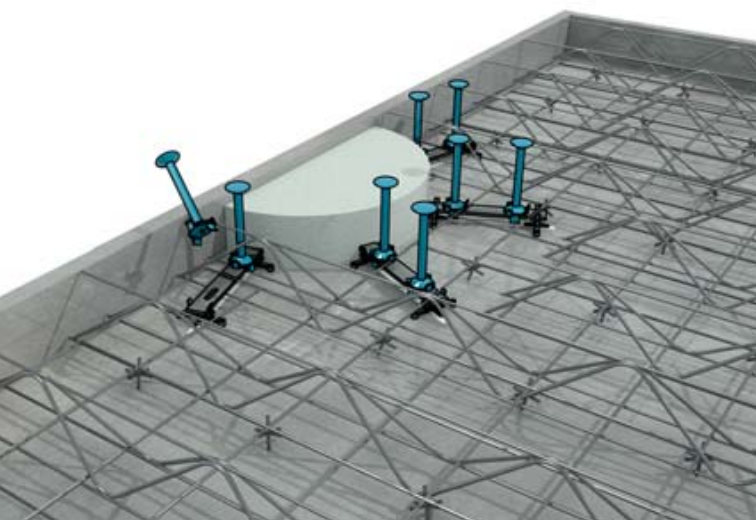
- PSB-F rails with slotted holes for mounting two or three studs in defined symmetric distances to form the needed x-stud rail
- PSB spacers in various heights to ensure the required concrete cover
- PSB-F studs in various dimensions, including special PSB-F connector preassembled at Peikko

Time saving installation of PSB-F in precast factories

- PSB-F rails are mounted with PSB spacers in required height on the shuttering table in defined positions marked by the plotter.
- Lower bending reinforcement and the lattice girders can be positioned freely by reinforcement robot. The reinforcement work is easy, as the studs are not yet in place.
- When reinforcement process is complete the required PSB-F studs are easily clicked on the rails in predefined positions. The slotted holes on the rails offer assembly tolerance to ensure the proper installation of the studs.



The partial structure enables the easy and fast installation of the punching reinforcement in the preferred phase of the automated production process without disturbing it.





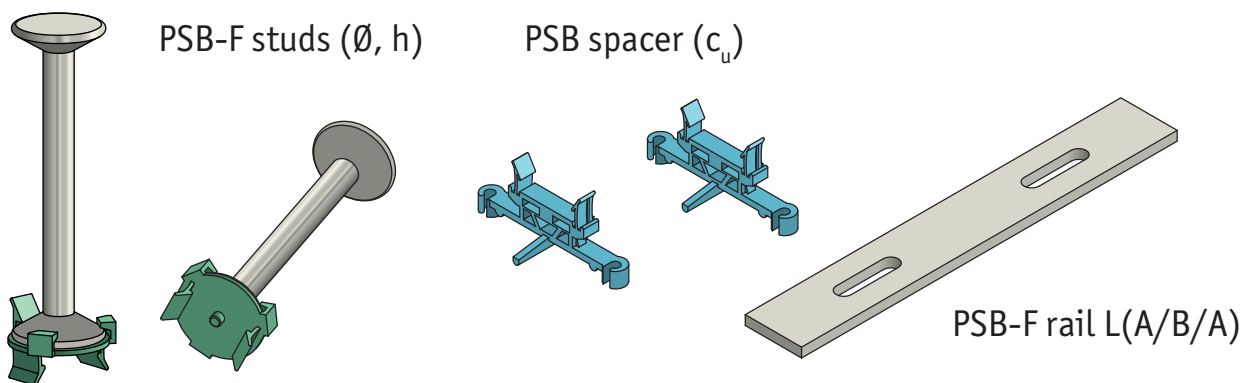
ADVANTAGES OF PSB-F AT A GLANCE

- Meets the requirements of fully automated filigran slab production process
- Simple and time saving installation
- Optimal space saving storage solution
- Greatest possible flexibility by utilizing a customized storage of the most used dimensions
- Remarkable savings in freight costs
- A large range of standard dimensions of PSB-F available on Peikko's warehouse
- For special dimensions or larger quantities, fast delivery from Peikko's warehouse at your disposal
- Approved by a DIBt product approval
- Easy to design with Peikko Designer calculation software
- Available from March 2012

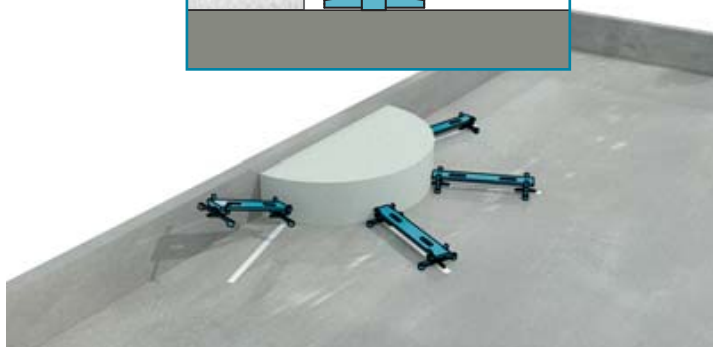
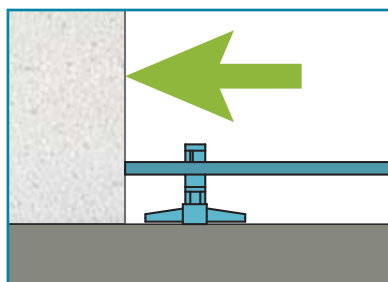


Installation Instructions

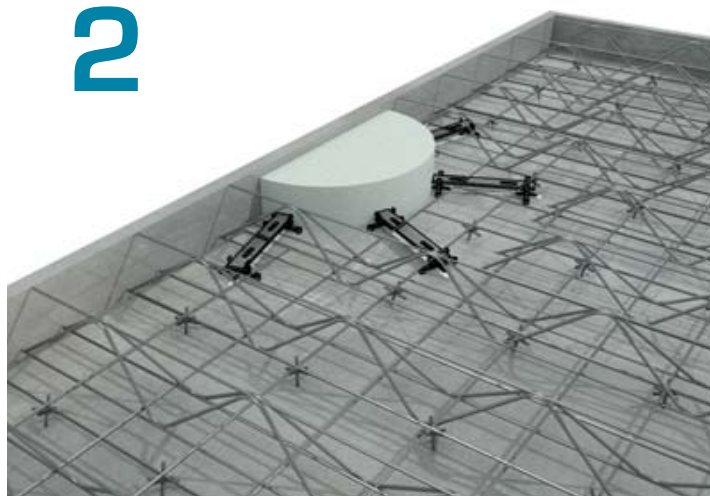
Peikko PSB-F – installation to element slabs



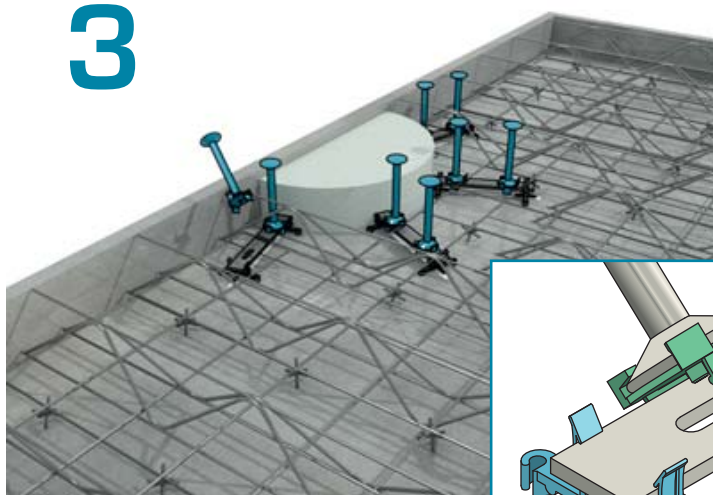
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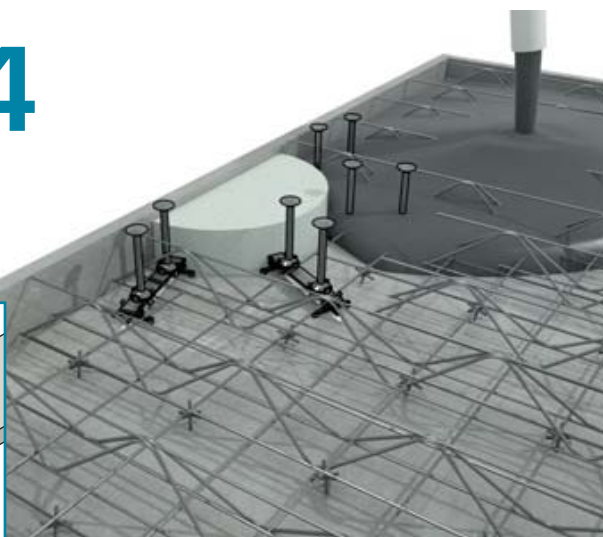
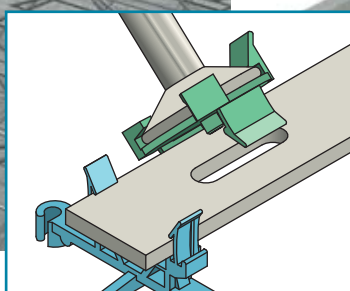
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3



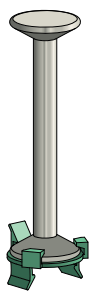
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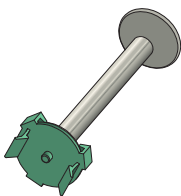
Availability

PSB-F studs, with connector, already pre-assembled

ø /HA	ø 10	ø 12	ø 14	ø 16	ø 20	
125	PSB-F 10/125	PSB-F 12/125	PSB-F 14/125			
135	PSB-F 10/135	PSB-F 12/135	PSB-F 14/135	PSB-F 16/135		
145	PSB-F 10/145	PSB-F 12/145	PSB-F 14/145	PSB-F 16/145		
155	PSB-F 10/155	PSB-F 12/155	PSB-F 14/155	PSB-F 16/155		
165	PSB-F 10/165	PSB-F 12/165	PSB-F 14/165	PSB-F 16/165		
175	PSB-F 10/175	PSB-F 12/175	PSB-F 14/175	PSB-F 16/175		
185	PSB-F 10/185	PSB-F 12/185	PSB-F 14/185	PSB-F 16/185	PSB-F 20/185	
195	PSB-F 10/195	PSB-F 12/195	PSB-F 14/195	PSB-F 16/195	PSB-F 20/195	
205	PSB-F 10/205	PSB-F 12/205	PSB-F 14/205	PSB-F 16/205	PSB-F 20/205	
215	PSB-F 10/215	PSB-F 12/215	PSB-F 14/215	PSB-F 16/215	PSB-F 20/215	
225	PSB-F 10/225	PSB-F 12/225	PSB-F 14/225	PSB-F 16/225	PSB-F 20/225	
235	PSB-F 10/235	PSB-F 12/235	PSB-F 14/235	PSB-F 16/235	PSB-F 20/235	
245	PSB-F 10/245	PSB-F 12/245	PSB-F 14/245	PSB-F 16/245	PSB-F 20/245	
255	PSB-F 10/255	PSB-F 12/255	PSB-F 14/255	PSB-F 16/255	PSB-F 20/255	
265	PSB-F 10/265	PSB-F 12/265	PSB-F 14/265	PSB-F 16/265	PSB-F 20/265	
275	PSB-F 10/275	PSB-F 12/275	PSB-F 14/275	PSB-F 16/275	PSB-F 20/275	
285	PSB-F 10/285	PSB-F 12/285	PSB-F 14/285	PSB-F 16/285	PSB-F 20/285	
295	PSB-F 10/295	PSB-F 12/295	PSB-F 14/295	PSB-F 16/295	PSB-F 20/295	
305	PSB-F 10/305	PSB-F 12/305	PSB-F 14/305	PSB-F 16/305	PSB-F 20/305	
stock size			possible but not on stock			

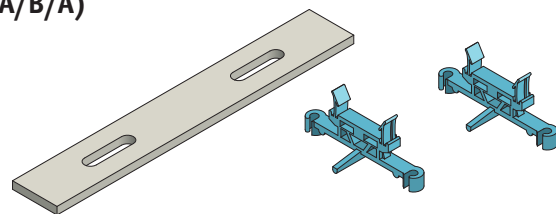


PSB-F studs (ø, h)



PSB-F
2-stud-rails L(A/B/A)
or
3-stud-rails
L(A/B/B/A)
A=1/2 B

PSB spacer (c_u)



PSB-F rails: 2-stud (A/B/A) or 3-stud (A/B/B/A)

PSB spacers

B	L 2-stud-rail	[10 pcs/unit]	L 3-stud-rail	[10 pcs/unit]	cu	[100 pcs/unit]
100	200	PSB-F 200/2	300	PSB-F 300/3	15mm	PSB spacer 15
110	220	PSB-F 220/2	330	PSB-F 330/3	20mm	PSB spacer 20
120	240	PSB-F 240/2	360	PSB-F 360/3	25mm	PSB spacer 25
130	260	PSB-F 260/2	390	PSB-F 390/3	30mm	PSB spacer 30
140	280	PSB-F 280/2	420	PSB-F 420/3	35mm	PSB spacer 35
150	300	PSB-F 300/2	450	PSB-F 450/3	40mm	PSB spacer 40
160	320	PSB-F 320/2	480	PSB-F 480/3	45mm	PSB spacer 45
170	340	PSB-F 340/2	510	PSB-F 510/3		
180	360	PSB-F 360/2	540	PSB-F 540/3		
190	380	PSB-F 380/2	570	PSB-F 570/3		
200	400	PSB-F 400/2	600	PSB-F 600/3		
210	420	PSB-F 420/2	630	PSB-F 630/3		
220	440	PSB-F 440/2	660	PSB-F 660/3		



Peikko, founded in 1965, is today a truly international company. Peikko Group provides innovative solutions to help customers make their building process faster, easier and more reliable. Our aim is to serve our customers locally with leading solutions in the field in terms of quality, safety, and innovation. Peikko has a clear focus to regularly introduce new, tested innovative solutions and services. That is why our investments in Research and Development are among the highest in the field.

More information:



www.peikko.com