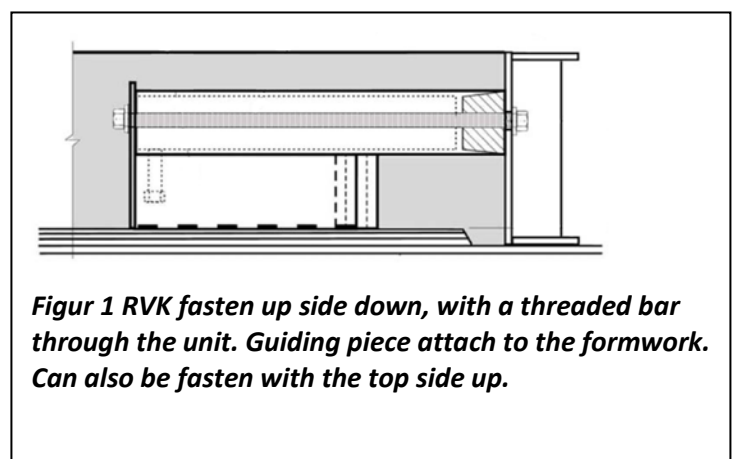
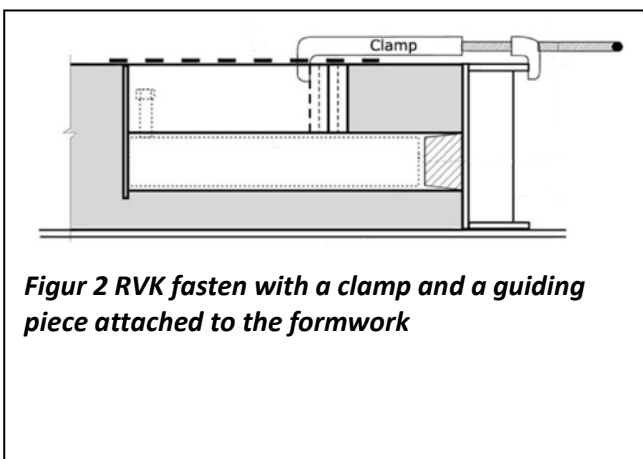


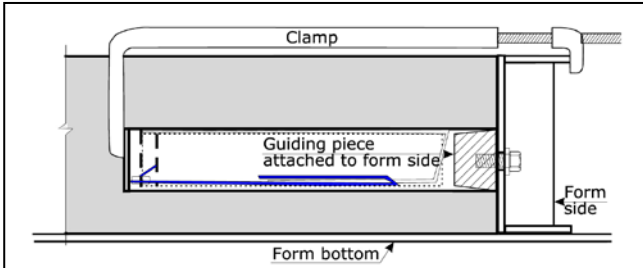
MEMO	Dato: 15.04.2009	Sign.: sa
TSS / RVK	Siste rev.: 11.06.2013	Sign.: tb
RECOMMENDED PRODUCTION-ERECTING METHOD DESIGN	Dok. nr.:	Control: tb

## RECOMMENDED PRODUCTION-ERECTING METHOD WITH USE OF TSS OR RVK

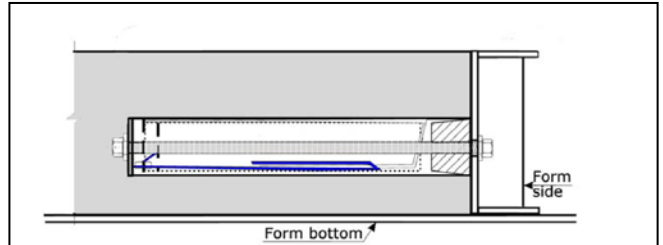
### Production:

There are several ways to fasten the TSS or RVK unit to the formwork. We are showing two variations of each type.





**Figur 3 TSS fasten with a clamp and a guiding piece attached to the formwork**



**Figur 4 TSS fasten with a threaded bar through the unit. Guiding piece attached to the formwork.**



**P1: Formwork with guiding piece**



**P2: TSS fasten with a clamp**

**Erecting:**



**M1: Landing with TSS and vertical flange of rubber.**



**M2: Check the inner tube, by pulling the white and blue rope.**



**M3: Place the rope on the top of the landing before Lifting.**



**M4: Place the support for the landing, and adjust it to the right height.**



**M5: Landing on the way down.**



**M6: Landing almost in the right position.**



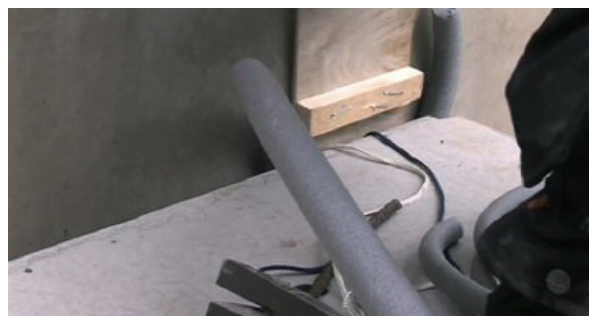
**M7: Landing in the right position.**



**M8: Place a sheathing list around the unit.**



**M9: Use a jig to push the sheathing list to the right position.**



**M10: The sheathing list in the right position.**



**M11: Pull out the inner tube**



**M12: Place the safety bolt in the hole**





**M13: Fill the gap with mortar**



**M14: The mortar are also fireproofing the unit.**



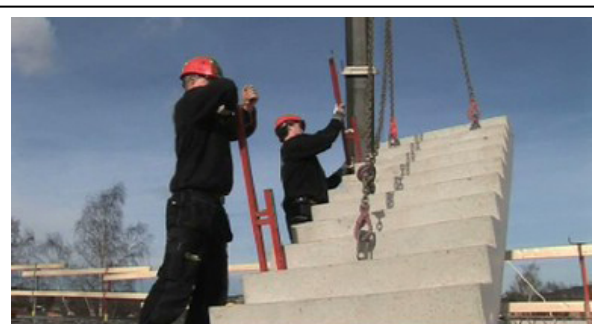
**M15: Filling is done.**



**M16: Stair ready to be erect.**



**M17: Stair is lifted up to the shaft**



**M18: Placing temporary railing to the stair.**



**M19: Railing on the stair is finish.**



**M20: Measure, and shim up to the right height.**



**M21: The stair is lowering down to the shaft**



**M22: The stair is almost in the right position.**



Effective installation

**M23: Fast assembly, and in the right position.**



**M24: The landing and the stair are finish. Ready for the next floor.**