



## Rigid Riser Clamps

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**During the life of a fixed production platform it is often necessary to fit additional risers to the structure. A new rigid riser connected directly to the existing structure is an effective option when no suitable J-tube is present. Any connections between the riser and the platform structure must be capable of subsea assembly and be able to carry both static and dynamic loads throughout the design life.**

Connections of this nature may be made using rigid riser clamps. The clamps normally consist of three main elements: saddle, securing system and cover. The saddle sits on the platform structure and is secured in place by a set of circumferential straps. The cover fits around the riser and is either held to the saddle by additional straps or a bolting system. A metallic saddle can be lined with a material to promote friction between it and the platform structure.