

CT SPLIT SEAL FLANGED HANGER

Company

Services

CT Completions

CT Surface

CT Sub-Surface

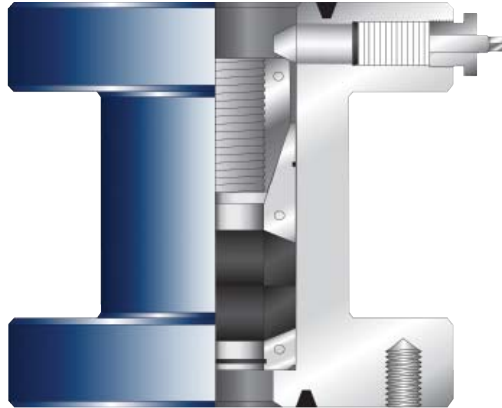
CT Service Tools

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Description

The CT Split Seal Flanged Hanger uses the quad BOP of the coiled tubing service unit to seal well pressure and support the string weight, while the slip and seal assembly is being installed on the tubing string. A pressure window is installed above the quad BOP. The slip rams of the quad BOP hold the string weight, while the pipe rams contain well pressure. With the anchor bolt lock-down system, positive sealing is assured regardless of string weight. After the slip and seal set is installed in the hanger body, push force from the injector is applied to the string. The combined compression force and string weight is then locked in using the anchor bolts. The flanged hanger is used when higher surface pressure, H₂S, and flanged wellhead components are present.

Applications

- Higher pressure wells, H₂S or CO₂ wells requiring flanged assemblies.

Features & Benefits

- PSL levels 1 (standard), 2,3,4 (available upon request).
- Manufactured to API 6A specs. Meets NACE requirements.
- Pack-off system available for the thermal wellhead applications.
- Primarily used to hang coiled tubing velocity string to enhance production.
- Also used for coiled tubing downhole chemical injection strings.
- Special materials or coatings available for CO₂ service.
- Available with integral side outlet.

Specifications

Coiled Tubing Sizes (in. / mm)		Flange Sizes (in. / mm)		PSI (MPa)			
1	(25.40)	2.5625	(65.08)	-	-	5000 (34)	10 000 (69)
1.25	(31.75)	3.125	(85.72)	2000	(14)	3000	(21)
1.5	(38.10)			5000	(34)	10 000	(69)
1.75	(44.45)	4.0625	(103.18)	2000	(14)	3000	(21)
2	(50.80)	5.125	(130.17)	5000	(34)	10 000	(69)
2.375	(60.32)			2000	(14)	3000	(21)
2.875	(73.02)	7.0625	(179.38)	2000	(14)	3000	(21)
				5000	(34)	10 000	(69)