

Model C Expansion Joint

APPLICATION

- Where movement of the tubing is expected or desired after the packer has been set

BENEFIT

- Robust, simple construction

FEATURES

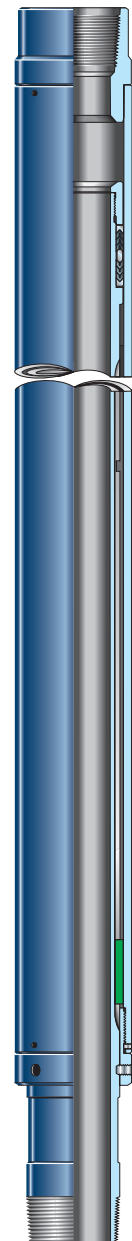
- Shear easily adjusted in 1-ft [0.3-m] intervals
- Available in materials for H₂S or CO₂ service
- Full-tubing ID through expansion joint
- Solid, one-piece mandrel
- Available with or without spline
- Premium seal options

The Model C is a reliable, high-performance expansion joint used to compensate for tubing movement that occurs due to temperature and/or pressure changes during normal well operations.

DESCRIPTION AND OPERATION

The Model C expansion joint is suited for use with packers or other tools which require rotation. The spline design in the Model C expansion joint allows the operator to rotate the string through the expansion joint at any position of the stroke.

The Model C expansion joint is available in 2-, 4-, 6-, and 10-ft [0.7-, 1.3-, 2.0-, and 3.3-m] standard stroke lengths.



Model C Expansion Joint Specifications

Tubing [†]		Expansion Joints				
OD (in. [mm])	Weight (lbm/ft)	Min. Casing Size for Model C		Max. OD (in. [mm])	Min. OD (in. [mm])	Stroke (ft [m])
		(in. [mm])	(lbm/ft)			
2.375 [65.3]	4.7	5.000 [127.0]	24.2	3.765 [95.6]	1.985 [50.4]	2.0 [0.66]
						4.0 [1.32]
						6.0 [1.98]
						10.0 [3.30]
2.875 [73.0]	6.5	11.5	4.300 [109.2]	2.399 [60.9]	2.399 [60.9]	2.0 [0.66]
						4.0 [1.32]
						6.0 [1.98]
						10.0 [3.30]
3.500 [88.9]	9.3	6.625 [168.3]	32.0	5.315 [135.0]	2.985 [75.8]	2.0 [0.66]
						4.0 [1.32]
						6.0 [1.98]
						10.0 [3.30]
4.500 [114.3]	12.8	7.625 [193.7]	33.7	6.531 [165.9]	3.875 [98.4]	2.0 [0.66]
						4.0 [1.32]
						6.0 [1.98]
						10.0 [3.30]

[†] Other sizes are available on request. Contact your local Schlumberger representative.