

Model D 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

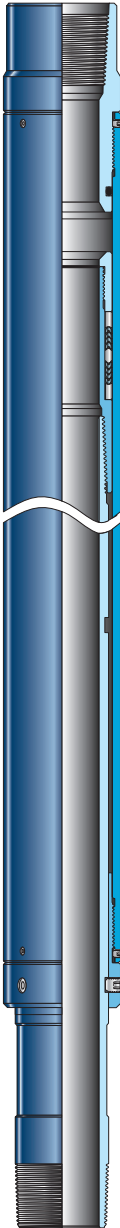
The Model D is a reliable, high-performance expansion joint used to compensate for tubing movement that occurs due to temperature and/or pressure changes during normal well operations.

DESCRIPTION AND OPERATION

This expansion joint is designed for use in dual-string completions or other applications where a small OD expansion joint is required while maintaining full tubing ID.

As a standard, the Model D expansion joint is a full-swivel-type expansion joint, throughout its entire stroke.

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



Model D Expansion Joint Specifications

Tubing [†]		Expansion Joints				
OD (in. [mm])	Weight (lbm/ft)	Min. Casing Size for Model D		Max. OD (in. [mm])	Min. OD (in. [mm])	Stroke (ft [m])
		(in. [mm])	(lbm/ft)			
2.375 [60.3]	4.7	4.500 [114.3]	18.8	3.060 [77.7]	1.990 [50.5]	2.0 [0.66]
						6.0 [1.98]
						10.0 [3.30]
2.875 [73.0]	6.5	4.500 [114.3]	15.1	3.690 [93.7]	2.370 [60.2]	2.0 [0.66]
						6.0 [1.98]
						10.0 [3.30]
3.500 [88.9]	9.3	5.500 [139.7]	23.0	4.500 [114.3]	2.980 [75.7]	2.0 [0.66]
						6.0 [1.98]
						10.0 [3.30]

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