

CMT Inner-String Cement Tool

Volant's CMT adapts to the CRTi™ internal grip casing running tool for inner-string cementing. The tool is designed to work in conjunction with the CRTi. It takes advantage of the minimal rig-in times and clears rig floor space normally used by large cementing lines. Volant's CMT1-37 attaches to the CRTi3-7.0¹. The CMT1-37 is designed to hoist the inner-string and provide a sealed flow path for cement to be delivered at the float shoe. An integral swivel allows the casing running tool to rotate the casing string while cementing with minimal torque transfer to the inner-string, mitigating the risk of connection back-off.

Tool Model: CMT1-37 Specification Summary

Base Tool Characteristics

Rated Hoist Capacity ²	ton (tonne)	50 (45)
Typical Circulation Pressure Limit ^{2,3}	psi (MPa)	5,000 (34.4)
Base Tool Length	in (mm)	33.5 (855)
Tool Diameter ⁴	in (mm)	8.0 (205)
Through Hole	in (mm)	2.0 (55)
Bottom Connection ⁵	4.5" IF Pin	
Casing Range	9.63" - 13.38"	

1. Characteristics are shown for CRTi3-7.0 model. CMT is available for other CRTi models.
2. Rated Hoist Capacity and Pressure Limit are based on API Specification 8C.
3. Tool circulation pressure capacity is generally governed by packer cup pressure capacity. Pressure capacity may be less than indicated if alternative seal arrangements are used.
4. Excludes casing seal, OD depends on casing seal used.
5. Bottom Connection can be modified upon customer request.

Running Casing



Inner-String Cementing



Give us a problem. Or just drop us a line if you want to know more.

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