

Tether Swivel Accessory (TSA4)

The Tether Swivel Accessory secures the Volant CRTi® or CRTe® casing running tool to the top drive via cables with the provided in-line single use Volant Energy Absorbers. The system, mounted on the LockSleeve¹, acts as a means of fall arrest should the tool or crossover accidentally back off the quill. The TSA4 is a fall arrest device only and is not rated for hoisting.

Compatible tools: CRTe-1.0, CRTi2-4.5, CRTi2-5.5, and CRTi3-7.0*

Tool Model: TSA4 Specification Summary

Tool Characteristics

Rated Fall Distance ²	in (mm)	24 (610)
Rated Tether Weight ²	lb (kg)	3,000 (1,370)

Volant Energy Absorbers

Peak Force ³	lbf (N)	6,000 (26,000)
Extension ⁴	in (mm)	18 (460)
Shackle Size, nominal	in (mm)	7/8 (22)

CRTi3-7.0 shown with Tether

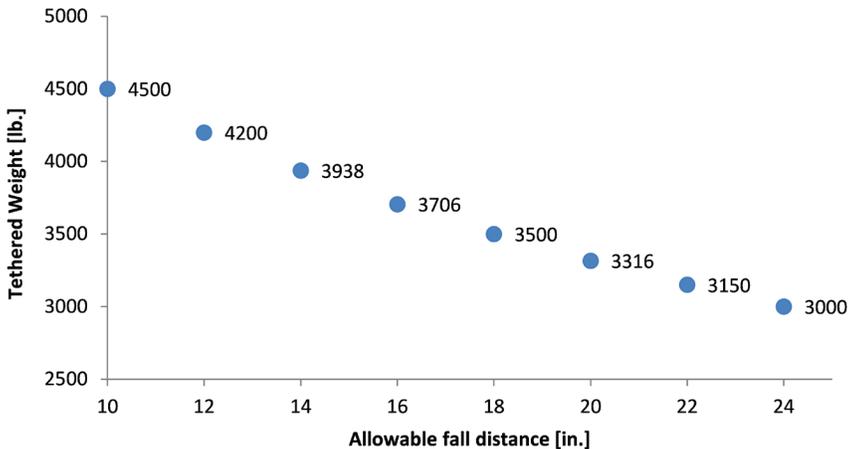


Figure 1 - Allowable deviation of tethered weight vs. fall distance

*If required for other Volant casing running tool models not listed, contact Volant sales at +1 780.784.7099

1. LockSleeve must be modified to accommodate Tether. Contact Volant for details.
2. Nominal values may deviate as shown in Figure 1.
3. Peak load induced in each tethering cable if 3,000 lb is dropped from a height of 24 inches.
4. Absorber length increase after maximum rated drop (3,000 lb from a height of 24 inches).

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