

## Torque Specifications

### Torque Specifications for Redhorse Performance Aluminum Fittings

**Question:** How tight should the connection be between the fitting and the adapter?

**Answer:** For proper tightness resulting in a good deal without damaging the fitting by over torquing, please follow the specification guidelines below.

size	Minimum torque		Maximum torque		Hex		Number of Hex flats rotations
	LB.IN	N.M	LB.IN	N.M			
-04	100	11.3	140	15.8	9/16	14.3	1 1/2 to 1 3/4
-06	150	17	195	22	11/16	17.5	1 to 1 1/2
-08	270	30.5	350	39.5	7/8	22.2	1 to 1 3/4
-10	360	40.7	430	48.6	1	25.4	1 to 1 3/4
-12	460	52	550	62	1 1/4	31.8	1 to 1 1/2
-16	700	79	840	95	1 1/2	38.1	1/2 to 1
-20	850	96	1020	115	1 13/16	46.0	1/2 to 1

#### Flats Method:

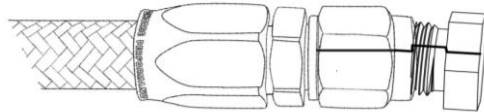
1. Tighten the nut by hand until it bottoms the seats
2. Draw a line lengthwise with marker on the nut and extend it onto the adapter
3. Rotate the nut to tighten with wrench. Turn the nut the amount shown on the chart to the left.

#### Alternative Tightening Method

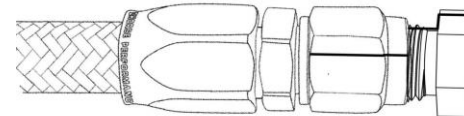
Hand tighten the nut and then rotate a quarter of a turn- applies for all sizes. Mark the fitting as indicated in the flat method to confirm the quarter turn.

*In times when the correct torque wrench is not available you may use either the Hex Flat method or tightening alternative methods.*

Step1



Step2



**Tech Tip-** Remember , over-tightening will result in possible damage to the fitting, resulting in possible leaks.