

Metric ISO 6149 Adapter Specifications

These types of fittings are similar in design to the SAE O-ring Boss fittings but with a metric thread.

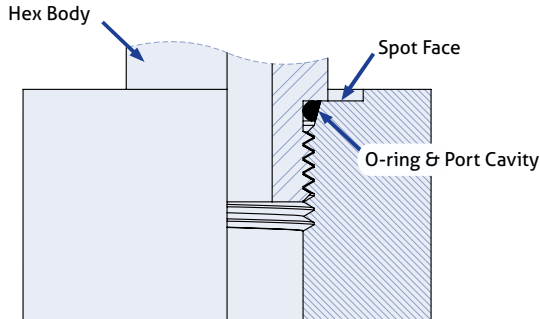


Figure 23: Straight ISO 6149

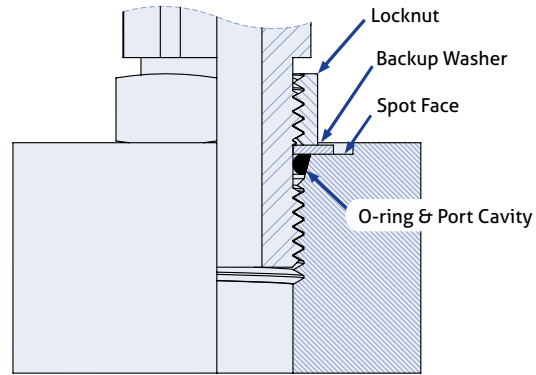


Figure 24: Adjustable ISO 6149

NOTE: THE RATINGS OF THE ISO 6149 FITTING ARE DIFFERENT THAN ITS COUNTERPART SAE O-RING BOSS.

The following table lists the specifications for Metric ISO 6149 adapters.

Metric ISO 6149 Specifications								
Dash Size	Tube Size	Thread	Light Duty			Heavy Duty		
			Torque	Working Pressure		Torque	Working Pressure	
			Adjustable & Non-Adjustable	Adjustable	Non-Adjustable	Adjustable & Non-Adjustable	Adjustable	Non-Adjustable
			(ft-lbs) +25% -0%	(psi)	(psi)	(ft-lbs) +25% -0%	(psi)	(psi)
08	4	8 x 1.0	6	4500	5800	7	-	-
10	5	10 x 1.0	11	4500	5800	15	5800	9100
12	6	12 x 1.5	18	4500	5800	26	5800	9100
14	8	14 x 1.5	26	4500	5800	33	5800	9100
16	10	16 x 1.5	30	3600	4500	40	5800	9100
18	12	18 x 1.5	33	3600	4500	52	5800	9100
22	16	22 x 1.5	44	3600	4500	74	5800	9100
27	20	27 x 2.0	75	2300	2900	125	5800	5800
30	22	30 x 2.0	95	2300	2900	158	5800	5800
33	25	33 x 2.0	120	2300	2900	228	5800	5800
42	30	42 x 2.0	155	2300	2900	243	4500	3600
48	38	48 x 2.0	190	2300	2900	310	2900	3600
60	50	60 x 2.0	230	1450	2300	369	2300	3600

* = Light Duty per SAE J2244/3
 ** = Heavy Duty per SAE J2244/2

Torque values are for wet torque only and are allowed up to 25% the listed value according to SAE J2593 recommendations. Reduce torque values for softer material components.

Table 14: Metric ISO 6149 Specifications