



Kurt Hydraulics
 PO Box 387, 114 West O Street
 Lyman, Nebraska 69352
 Toll Free (866) 257-7995
 Phone (308) 787-0127
 Fax (308) 787-1281

ISO 9001:2008

Technical Data Report

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Kurt Hydraulics Recommended Assembly Torque

The table below is the recommended torque values for installation of various fittings. These are based on the SAE torque testing requirements to seal, but from our testing they normally seal at lower torque values. It is possible to install using the SAE over torque values and still have to coupling operate properly. These values are not on this list but are tested on our fittings.

Proper assembly practices apply during any installation. Keep the threads clean, dry, and not lubricated. Restrain the stem and hose from twisting during tightening by using a second wrench. Verify the manufacturer's recommended assembly torque for the mating part is not exceeded as well prior to installation.

SAE Dash Size	JIC Fittings Torque (ft-lbs)	Straight Thread O-ring Fittings Torque (ft-lbs)	Face Seal Torque (ft-lbs)	NPTF Torque (ft-lbs)
-4	11-12	13-15	10-12	25
-6	18-20	22-24	18-20	40
-8	36-49	40-43	32-35	54
-10	57-63	43-48	45-50	--
-12	79-88	68-75	65-70	78
-16	108-113	112-123	92-100	112
-20	127-133	146-161	125-140	154
-24	158-167	--	150-165	211
-32	245-258	--	--	300