

Nut Tightening Torques

Note - Tightening torques relate to counterpart made of steel with threads lightly oiled and should be used as a guide only.

BSP Hydraulic Adaptor Connections			O.R.F.S Hydraulic Hose Connections				
Nominal Size Of Nut		Nominal Size Of Nut					
BSP Size	Tightening Torque		SAE Dash	Thread	Equivalent BSP Size	Tightening Torque	
	NM	Lbsf/ft				NM	Lbsf/ft
1/8	17	12	-4	9/16-18	1/4	24	18
1/4	34	25	-6	11/16-16	3/8	33	24
3/8	47	35	-8	13/16-16	1/2	44	35
1/2	102	75	-10	1-14	5/8	58	43
5/8	122	90	-12	1-3/16-12	3/4	84	62
3/4	149	110	-16	1-7/16-12	1	115	85
1	203	150	-20	1-11/16-12	1-1/4	189	140
1-1/4	305	225	-24	2-12	1-1/2	244	180
1-1/2	305	225					
2	400	296					

METRIC			JIC & SAE Connections			
Nominal Size Of Nut		Nominal Size Of Nut				
	Tightening Torque				Tightening Torque	
	NM	Lbsf/ft			NM	Lbsf/ft
M10	18	13	5/16-24	10	7	
M12	20	15	3/8-24	10	7	
M14	25	19	7/16-20	14	10	
M16	45	33	1/2-20	20	15	
M18	50	37	9/16-18	22	20	
M20	70	52	5/8-18	27	20	
M22	75	55	3/4-16	48	35	
M26	110	81	7/8-14	81	60	
M27	130	96	1-1/16-12	108	79	
M33	220	162	1-3/16-12	136	100	
M42	230	170	1-5/16-12	148	108	
M48	350	258	1-5/8-12	173	127	
			1-7/8-12	216	158	
			2-1/2-12	334	245	