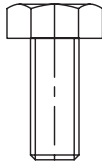
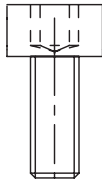


Torque moments for screws and bolts



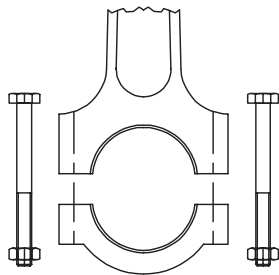
Metric thread (ISO 8.8)

M	4	5	6	8	10	12	14	16	18	20	22	24	27
Kpm	0.28	0.53	0.94	2.2	4.1	7.0	11	15	23	30	38	52	68
ft.lbf.	2.1	3.9	6.8	16	30	50	80	110	170	220	270	370	490
Nm	2.7	5.2	9.2	22	40	69	108	147	225	295	375	510	670



Metric thread (ISO 12.9)

M	4	5	6	8	10	12	14	16	18	20	22	24	27
Kpm	0.42	0.78	1.4	3.2	6.1	10	16	23	34	44	55	76	100
ft.lbf.	3.0	5.7	10	23	44	75	120	160	240	320	400	550	720
Nm	4.1	7.6	14	31	60	98	157	225	335	430	540	745	980



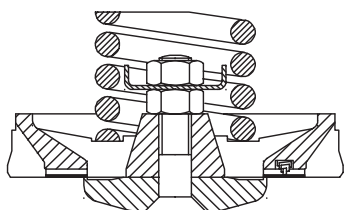
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Connecting rods with UNF thread

	HPO/CMO	HPC/SMC 100	SMC 180
UNF	5/16"	3/8"	5/8"
Kpm	2.1	4.4	17
ft.lbf.	15	32	130
Nm	20	43	167

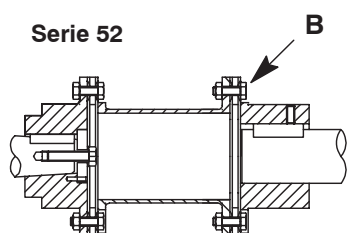
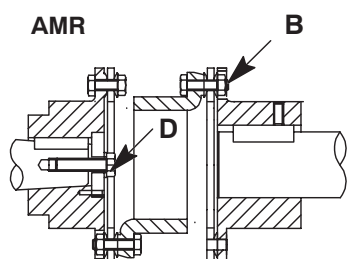
Bolts for top-, side- and end covers

Compressor Location	T/CMO		HPO		T/SMC 100	HPC	T/SMC 180
	Top/side covers	End covers	Top/side covers	End covers	Top/side and end covers	Top/side and end covers	Top/side and end covers
M	M12	M14	M12	M14	M14	M14	M20
Kpm	8.6	13.7	13.2	20.3	13.7	20.3	42.7
ft.lbf.	63	100	95	147	100	147	310
Nm	85	135	130	200	135	200	420



Bolt on discharge valve

	HPO/CMO	HPC/SMC 100	SMC 180
Kpm	3.2	10.2	35
ft.lbf.	23	75	255
Nm	32	101	344



Compressor Type	Coupling Type	Thread	Torque					
			Kpm.		ft.lbf.		Nm	
			B	D	B	D	B	D
HPO/CMO/TCMO	AMR225	5/16"	3.5	13	25	96	34	130
HPC/ SMC/ TSMC	104-108 AMR312S	7/16"	5.6	20	40	147	55	200
	112-116 AMR350S	1/2"	13	20	95	147	128	200
	186-188 AMR450S	11/16"	28	13	200	96	275	130
Compressor Type	Coupling Type	Thread	Torque (B)					
			Kpm.	ft.lbf.	Nm			
SAB	128	Serie 52	225	5/16"	3.5	25	34	
	163		262	3/8"	4.2	30	41	
	202		312	7/16"	5.6	40	55	
VMY Depends on the size of the motor	Serie 52	200	5/16"	3.5	25	34		
		225	5/16"	3.5	25	34		
		262	3/8"	4.2	30	41		
		312	7/16"	5.6	40	55		
		350	1/2"	13	95	128		
		375	9/16"	18	130	177		
		425	5/8"	25	175	245		
		450	11/16"	28	200	275		