Bolted Connection	Catg.	Drawing No.	Nominal Thread	Bolt / Lenght	Qty.	Washer	Qty.	Nut / Thread	Locking	Torque Nm/in lbf	Note
Chamber to Oktagon Walls 90deg.	D	ams02-1759b	M2.5	ISO4762-M2.5x8	4 / Ch.	DIN125-1-B2.7	4 / Ch	tapped thread	Selfl. KEL-F	0.8 / 7.08	
Chamber to Oktagon Walls 45deg.	D	ams02-1759b	M2.5	ISO4762-M2.5x8	2 / Ch.	DIN125-1-B2.7	2 / Ch.	tapped thread	Selfl. KEL-F	0.8 / 7.08	Washer milled down to diam. 5mm
Chamber to Bulkheads	D	ams02-1967a	M2.5	ISO4762-M2.5x10	4 / Ch.	DIN125-1-B2.7	12 / Ch.	DIN-EN 24032	Selfl. KEL-F	0.8 / 7.08	
UFE Board to Oktagon Walls	C	ams02-1729a	M2.5	ISO4762-M2.5x12	4 / UFE	DIN125-1-B2.7	4 / UFE	tapped thread	Selfl. KEL-F	0.8 / 7.08	
UHVD Board to Oktagon Walls	C	ams02-1729a	M2.5	ISO4762-M2.5x12	2 / UHVD	DIN125-1-B2.7	2 / UHVD	tapped thread	Selfl. KEL-F	0.8 / 7.08	
Gas Connector Support	C	ams02-1763a	M2.5	ISO4762-M2.5x12	2 / Ch.	DIN125-1-B2.7	2 / Ch.	tapped thread	Selfl. KEL-F	0.8 / 7.08	
Gas Connector	C	ams02-1707f	M2	ISO4762-M2x6	2 / Con.	DIN125-1-B2.7	2 / Con.	tapped thread	Selfl. KEL-F	0.4 / 3.5	
Bulkhead to Bulkhead Interconnector	D	ams02-04-1026	M4	ISO4762-M4x8	2 / Con.	DIN 125-1 - B 4.3	2 / Con.	tapped thread	Selfl. KEL-F	3.2 / 30.98	self made nut
Lower Bulkheads to Octagonwalls	D	ams1989c	# No. 10 - 32	NAS1351N08-16/ 1 Inch	4 / Bulkhead	NAS1587-A3C	8 / Bulkhead	NAS1291C3M	Selfl. Nut	5.5 / 48.7	
Middle Bulkheads to Octagonwalls	D	ams1989c	# No. 10 - 32	NAS1351N08-16/ 1 Inch	6 / Bulkhead	NAS1587-A3C	12 / Bulkhead	NAS1291C3M	Selfl. Nut	5.5 / 48.7	
Upper Bulkheads to Octagonwalls	D	ams1989c	# No. 10 - 32	NAS1351N08-16/ 1 Inch	4 / Bulkhead	NAS1587-A3C	8 / Bulkhead	NAS1291C3M	Selfl. Nut	5.5 / 48.7	