

NEW VAM®

The famous versatile premium



VAM TOP

VAM TOP HC

VAM TOP HT

VAM TOP FE

NEW VAM

VAM ACE

VAM HW ST

VAM SLIJ II

VAM FJL

VAM MUST

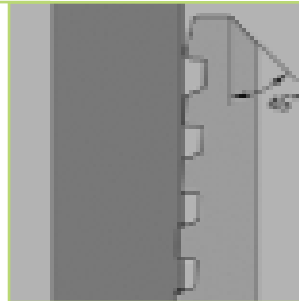
DINO VAM

BIG OMEGA

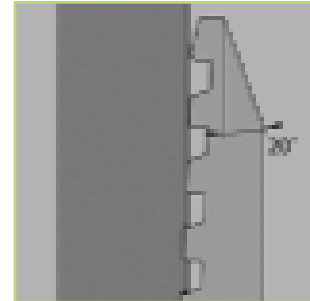


VALLOUREC & MANNESMANN TUBES
OCTG DIVISION

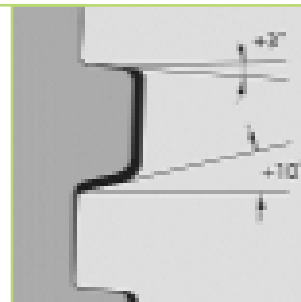
Thread run-out



Special bevel option



Thread form



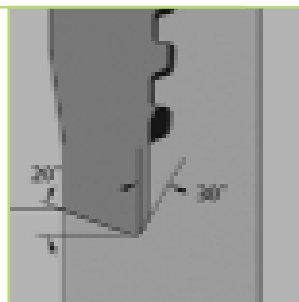
Ø 2 3/8" to 2 7/8" – 8 TPI

Ø 3 1/2" to 4 1/2" – 6 TPI

Ø 5" and above – 5 TPI

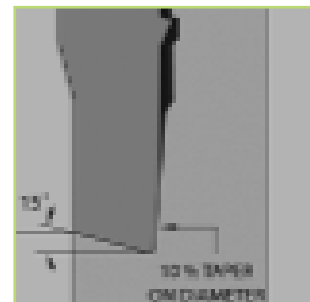
Taper 1:16

Tubing seal geometry



Dia: ≤ 4 1/2"

Casing seal geometry



Dia: ≥ 5"

Joint yield strengths are calculated from the minimum specified material yield stress and the critical joint cross sectional area, pipe or coupling, as appropriate.

Size (OD)	Nominal weight	Wall thickness		Drift diameter	Coupling (OD) reg.	Make-up loss	Coupling length	Pipe body section	Coupling CCS*	NEW VAM regular yield strength (1000 lb.)						
		inch	mm							inch	mm	55 ksi	80 ksi	90 ksi	95 ksi	110 ksi
inch	lb./ft.	inch	mm	inch	inch	inch	inch	sq. in.	sq. in.							
2 3/8 60.33	4.60	0.190	4.83	1.901	2.707	2.514	7.008	1.304	1.393	72	104	117	124	143	163	183
	5.10	0.218	5.54	1.845	2.736	2.514	7.008	1.477	1.519	81	118	133	140	162	185	207
	5.80	0.254	6.45	1.773	2.785	2.514	7.008	1.692	1.733	93	135	152	161	186	212	237
2 7/8 73.03	6.40	0.217	5.51	2.347	3.240	2.829	7.638	1.812	1.927	100	145	163	172	199	227	254
	7.80	0.276	7.01	2.229	3.337	2.829	7.638	2.254	2.424	124	180	203	214	248	282	316
	8.60	0.308	7.82	2.165	3.364	2.829	7.638	2.484	2.570	137	199	224	236	273	311	348
	9.35	0.340	8.64	2.101	3.415	2.829	7.638	2.708	2.841	149	217	244	257	298	339	379
	9.80	0.362	9.19	2.057	3.435	2.829	7.638	2.858	2.948	157	229	257	272	314	357	400
3 1/2 88.90	7.70	0.216	5.49	2.943	3.841	3.274	8.543	2.228	2.319	123	178	201	212	245	279	312
	9.20	0.254	6.45	2.867	3.900	3.274	8.543	2.590	2.678	142	207	233	246	285	324	363
	10.20	0.289	7.34	2.797	3.961	3.274	8.543	2.915	3.055	160	233	262	277	321	364	408
	12.70	0.375	9.53	2.625	4.079	3.274	8.543	3.682	3.801	203	295	331	350	405	460	515
	13.70	0.413	10.49	2.549	4.138	3.274	8.543	4.005	4.182	220	320	360	380	441	501	561
	14.70	0.449	11.40	2.477	4.193	3.274	8.543	4.304	4.543	237	344	387	409	473	538	603
	15.50	0.476	12.09	2.423	4.211	3.274	8.543	4.522	4.659	249	362	407	430	497	565	633
4 101.60	9.50	0.226	5.74	3.423	4.348	3.528	9.055	2.680	2.788	147	214	241	255	295	335	375
	10.90	0.262	6.65	3.351	4.407	3.528	9.055	3.077	3.195	169	246	277	292	338	385	431
	13.20	0.330	8.38	3.215	4.516	3.528	9.055	3.805	3.954	209	304	342	361	419	476	533
	14.80	0.380	9.65	3.115	4.606	3.528	9.055	4.322	4.602	238	346	389	411	475	540	605
	16.50	0.430	10.92	3.015	4.656	3.528	9.055	4.823	4.960	265	386	434	458	531	603	675
4 1/2 114.30	10.50	0.224	5.69	3.927	4.862	3.969	9.921	3.009	3.422	165	241	271	286	331	376	421
	11.60	0.250	6.35	3.875	4.862	3.969	9.921	3.338	3.422	184	267	300	317	367	417	467
	12.60	0.271	6.88	3.833	4.892	3.969	9.921	3.600	3.649	198	288	324	342	396	450	504
	13.50	0.290	7.37	3.795	4.961	3.969	9.921	3.836	4.182	211	307	345	364	422	480	537
	15.10	0.337	8.56	3.701	5.010	3.969	9.921	4.407	4.566	242	353	397	419	485	551	617
	17.00	0.380	9.65	3.615	5.106	3.969	9.921	4.918	5.334	270	393	443	467	541	615	689
	18.90	0.430	10.92	3.515	5.146	3.969	9.921	5.498	5.650	302	440	495	522	605	687	770
	21.50	0.500	12.70	3.375	5.280	3.969	9.921	6.283	6.746	346	503	565	597	691	785	880
	23.70	0.560	14.22	3.255	5.333	3.969	9.921	6.932	7.189	381	555	624	659	763	867	970
5 127.00	13.00	0.253	6.43	4.369	5.587	4.724	11.457	3.773	5.499	208	302	340	358	415	472	528
	15.00	0.296	7.52	4.283	5.587	4.724	11.457	4.374	5.499	241	350	394	416	481	547	612
	18.00	0.362	9.19	4.151	5.587	4.724	11.457	5.275	5.499	290	422	475	501	580	659	739
	20.30	0.408	10.36	4.059	5.587	4.724	11.457	5.886	5.499	302	440	495	522	605	687	770
	20.80	0.422	10.72	4.031	5.587	4.724	11.457	6.069	5.499	302	440	495	522	605	687	770
	21.40	0.437	11.10	4.001	5.587	4.724	11.457	6.264	5.499	302	440	495	522	605	687	770
	23.20	0.478	12.14	3.919	5.587	4.724	11.457	6.791	5.499	302	440	495	522	605	687	770
24.10	0.500	12.70	3.875	5.587	4.724	11.457	7.069	5.499	302	440	495	522	605	687	770	
5 1/2 139.70	14.00	0.244	6.20	4.887	6.075	4.850	11.693	4.029	5.977	222	322	363	383	443	504	564
	15.50	0.275	6.99	4.825	6.075	4.850	11.693	4.514	5.977	248	361	406	429	497	564	632
	17.00	0.304	7.72	4.767	6.075	4.850	11.693	4.962	5.977	273	397	447	471	546	620	695
	20.00	0.361	9.17	4.653	6.075	4.850	11.693	5.828	5.977	321	466	525	554	641	729	816
	23.00	0.415	10.54	4.545	6.075	4.850	11.693	6.630	5.977	329	478	538	568	657	747	837
26.00	0.476	12.09	4.423	6.075	4.850	11.693	7.513	5.977	329	478	538	568	657	747	837	
6 5/8 168.28	20.00	0.288	7.32	5.924	7.413	4.965	11.929	5.734	9.669	315	459	516	545	631	717	803
	23.20	0.330	8.38	5.840	7.413	4.965	11.929	6.526	9.669	359	522	587	620	718	816	914
	24.00	0.352	8.94	5.796	7.413	4.965	11.929	6.937	9.669	382	555	624	659	763	867	971
	28.00	0.417	10.59	5.666	7.413	4.965	11.929	8.133	9.669	447	651	732	773	895	1017	1139
	32.00	0.475	12.07	5.550	7.413	4.965	11.929	9.177	9.669	505	734	826	872	1009	1147	1285
35.00	0.525	13.34	5.450	7.413	4.965	11.929	10.061	9.669	532	774	870	919	1064	1209	1354	

* Coupling CCS = Coupling Critical Cross Section

A: Alternate drift

1000 lb. = 4.44822 kN

External pressure equal to collapse pressure calculated from API Bul. 5 C 3 section 1. Minimum internal yield pressure are calculated from API Bul. 5 C 3 section 3, formula 3.1.1.

External pressure (psi)							Minimum internal yield pressure (psi)							Nominal weight	Size (OD)
55 ksi	80 ksi	90 ksi	95 ksi	110 ksi	125 ksi	140 ksi	55 ksi	80 ksi	90 ksi	95 ksi	110 ksi	125 ksi	140 ksi	lb./ft.	inch mm
8100	11780	13250	13980	16130	17900	19580	7700	11200	12600	13300	15400	17500	19600	4.60	2 3/8
9170	13340	15010	15840	18340	20840	23340	8830	12850	14460	15260	17670	20080	22490	5.10	60.33
10510	15280	17190	18150	21010	23880	26740	10290	14970	16840	17780	20590	23390	26200	5.80	
7680	11170	12380	12940	14550	16070	17490	7260	10570	11890	12550	14530	16510	18490	6.40	2 7/8
9550	13890	15620	16490	19090	21700	24300	9240	13440	15120	15960	18480	21000	23520	7.80	73.03
10520	15300	17220	18170	21040	23910	26780	10310	15000	16870	17810	20620	23430	26250	8.60	
11470	16680	18770	19810	22940	26070	29200	11380	16560	18630	19660	22770	25870	28970	9.35	
12110	17610	19810	20910	24210	27510	30820	12120	17630	19830	20930	24240	27540	30850	9.80	
5970	7870	8540	8850	9730	10500	11140	5940	8640	9720	10260	11880	13500	15120	7.70	3 1/2
7400	10540	11570	12080	13530	14890	16150	6990	10160	11430	12070	13970	15880	17780	9.20	88.90
8330	12120	13640	14390	16670	18940	20770	7950	11560	13010	13730	15900	18060	20230	10.20	
10520	15310	17220	18180	21050	23920	26790	10310	15000	16880	17810	20630	23440	26250	12.70	
11450	16650	18730	19770	22900	26020	29140	11360	16520	18590	19620	22720	25810	28910	13.70	
12300	17890	20130	21250	24600	27960	31310	12350	17960	20210	21330	24700	28060	31430	14.70	
12930	18800	21150	22330	25850	29380	32900	13090	19040	21420	22610	26180	29750	33320	15.50	
5110	6590	7080	7310	7910	8390	8730	5440	7910	8900	9390	10880	12360	13840	9.50	4
6590	8800	9590	9980	11060	12030	12890	6300	9170	10320	10890	12610	14330	16050	10.90	101.60
8330	12110	13620	14380	16650	18910	20740	7940	11550	12990	13720	15880	18050	20210	13.20	
9460	13760	15480	16340	18910	21490	24070	9140	13300	14960	15790	18290	20780	23280	14.80	
10550	15350	17270	18230	21110	23990	26860	10350	15050	16930	17870	20690	23520	26340	16.50	
4010	4940	5200	5310	5560	5830	6110	4790	6970	7840	8280	9580	10890	12200	10.50	4 1/2
4960	6360	6810	7030	7580	8000	8300	5350	7780	8750	9240	10690	12150	13610	11.60	114.30
5730	7500	8120	8410	9210	9890	10450	5800	8430	9490	10010	11590	13170	14750	12.60	
6420	8540	9300	9660	10690	11600	12400	6200	9020	10150	10710	12410	14100	15790	13.50	
7620	11080	12220	12760	14340	15830	17220	7210	10480	11800	12450	14420	16380	18350	15.10	
8500	12370	13920	14690	17010	19330	21630	8130	11820	13300	14040	16260	18470	20690	17.00	
9510	13830	15560	16420	19010	21610	24200	9200	13380	15050	15890	18390	20900	23410	18.90	
10860	15800	17780	18770	21730	24690	27650	10690	15560	17500	18470	21390	24310	27220	21.50	
11990	17430	19610	20700	23970	27240	30510	11980	17420	19600	20690	23960	27220	30490	23.70	
4140	5140	5430	5550	5840	6050	6350	4870	7080	7970	8410	9740	11070	12400	13.00	5
5560	7250	7830	8110	8850	9480	9980	5700	8290	9320	9840	11400	12950	14500	15.00	127.00
7390	10500	11520	12020	13470	14820	16070	6970	10140	11400	12040	13940	15840	17740	18.00	
8240	11990	13490	14240	16490	18550	20320	7850	11420	12850	13570	15710	17850	19990	20.30	
8500	12360	13910	14680	17000	19320	21610	8120	11820	13290	14030	16250	18460	20680	20.80	
8770	12760	14360	15150	17550	19940	22330	8410	12240	13770	14530	16820	19120	21410	21.40	
9510	13830	15560	16430	19020	21620	24210	9200	13380	15060	15890	18400	20910	23420	23.20	
9900	14400	16200	17100	19800	22500	25200	9630	14000	15750	16630	19250	21880	24500	24.10	
3120	3610	3860	3970	4230	4400	4480	4270	6210	6990	7380	8540	9700	10870	14.00	5 1/2
4040	4990	5260	5380	5630	5890	6170	4810	7000	7880	8310	9630	10940	12250	15.50	139.70
4910	6290	6730	6940	7480	7890	8170	5320	7740	8710	9190	10640	12090	13540	17.00	
6620	8830	9630	10020	11110	12090	12950	6320	9190	10340	10910	12640	14360	16080	20.00	
7670	11160	12380	12930	14540	16060	17480	7260	10560	11880	12540	14530	16510	18490	23.00	
8700	12650	14230	15020	17390	19760	22140	8330	12120	13630	14390	16660	18930	21200	26.00	
2970	3470	3700	3800	4020	4170	4220	4180	6090	6850	7230	8370	9510	10650	20.00	6 5/8
4010	4950	5210	5320	5570	5840	6120	4790	6970	7850	8280	9590	10900	12200	23.20	168.28
4560	5760	6140	6310	6730	7020	7180	5110	7440	8370	8830	10230	11620	13020	24.00	
6170	8170	8880	9220	10160	11000	11710	6060	8810	9910	10460	12120	13770	15420	28.00	
7320	10320	11330	11830	13230	14540	15750	6900	10040	11290	11920	13800	15680	17570	32.00	
8030	11670	13130	13860	15870	17600	19230	7630	11090	12480	13170	15250	17330	19420	35.00	

* Coupling CCS = Coupling Critical Cross Section

1 ksi = 1000 psi
 1 psi = 0.006895 Mpa
 0.06895 bar

Joint yield strengths are calculated from the minimum specified material yield stress and the critical joint cross sectional area, pipe or coupling, as appropriate.

Size (OD)	Nominal weight	Wall thickness		Drift diameter	Coupling (OD) reg.	Make-up loss	Coupling length	Pipe body section	Coupling CCS*	NEW VAM regular yield strength (1000 lb.)						
		inch	mm							inch	mm	55 ksi	80 ksi	90 ksi	95 ksi	110 ksi
inch	lb./ft.	inch	mm	inch	inch	inch	inch	sq. in.	sq. in.							
7 177.80	23.00	0.317	8.05	6.250 A	7.681	5.228	12.441	6.655	9.066	366	532	599	632	732	832	932
	26.00	0.362	9.19	6.151	7.681	5.228	12.441	7.549	9.066	415	604	679	717	830	944	1057
	29.00	0.408	10.36	6.059	7.681	5.228	12.441	8.449	9.066	465	676	760	803	929	1056	1183
	32.00	0.453	11.51	6.000 A	7.681	5.228	12.441	9.317	9.066	499	725	816	861	997	1133	1269
	35.00	0.498	12.65	5.879	7.681	5.228	12.441	10.172	9.066	499	725	816	861	997	1133	1269
	38.00	0.540	13.72	5.795	7.681	5.228	12.441	10.959	9.066	499	725	816	861	997	1133	1269
	41.00	0.590	14.99	5.695	7.681	5.228	12.441	11.881	9.066	499	725	816	861	997	1133	1269
	44.00	0.640	16.26	5.595	7.681	5.228	12.441	12.788	9.066	499	725	816	861	997	1133	1269
7 5/8 193.68	26.40	0.328	8.33	6.844	8.528	5.406	12.795	7.519	12.901	414	602	677	714	827	940	1053
	29.70	0.375	9.53	6.750	8.528	5.406	12.795	8.541	12.901	470	683	769	811	940	1068	1196
	33.70	0.430	10.92	6.640	8.528	5.406	12.795	9.720	12.901	535	778	875	923	1069	1215	1361
	35.80	0.465	11.81	6.570	8.528	5.406	12.795	10.460	12.901	575	837	941	994	1151	1308	1464
	39.00	0.500	12.70	6.500	8.528	5.406	12.795	11.192	12.901	616	895	1007	1063	1231	1399	1567
	42.80	0.562	14.27	6.376	8.528	5.406	12.795	12.470	12.901	686	998	1122	1185	1372	1559	1746
	45.30	0.595	15.11	6.310	8.528	5.406	12.795	13.141	12.901	710	1032	1161	1226	1419	1613	1806
	47.10	0.625	15.88	6.250	8.528	5.406	12.795	13.744	12.901	710	1032	1161	1226	1419	1613	1806
7 3/4 196.85	51.20	0.687	17.45	6.126	8.500	5.406	12.795	14.974	12.532	689	1003	1128	1191	1378	1566	1754
	46.10	0.595	15.11	6.500 A	8.693	5.406	12.795	13.374	13.651	736	1070	1204	1271	1471	1672	1872
8 5/8 219.08	28.00	0.304	7.72	7.892	9.650	5.545	13.071	7.947	16.401	437	636	715	755	874	993	1113
	32.00	0.352	8.94	7.875 A	9.650	5.545	13.071	9.149	16.401	503	732	823	869	1006	1144	1281
	36.00	0.400	10.16	7.700	9.650	5.545	13.071	10.336	16.401	568	827	930	982	1137	1292	1447
	40.00	0.450	11.43	7.625 A	9.650	5.545	13.071	11.557	16.401	636	925	1040	1098	1271	1445	1618
	44.00	0.500	12.70	7.500	9.650	5.545	13.071	12.763	16.401	702	1021	1149	1212	1404	1595	1787
	49.00	0.557	14.15	7.386	9.650	5.545	13.071	14.118	16.401	776	1129	1271	1341	1553	1765	1977
	52.00	0.595	15.11	7.310	9.650	5.545	13.071	15.010	16.401	826	1201	1351	1426	1651	1876	2101
9 5/8 244.48	36.00	0.352	8.94	8.765	10.650	5.545	13.071	10.254	18.208	564	820	923	974	1128	1282	1436
	40.00	0.395	10.03	8.750 A	10.650	5.545	13.071	11.454	18.208	630	916	1031	1088	1260	1432	1604
	43.50	0.435	11.05	8.599	10.650	5.545	13.071	12.559	18.208	691	1005	1130	1193	1381	1570	1758
	47.00	0.472	11.99	8.525	10.650	5.545	13.071	13.572	18.208	746	1086	1221	1289	1493	1697	1900
	53.50	0.545	13.84	8.500 A	10.650	5.545	13.071	15.546	18.208	855	1244	1399	1477	1710	1943	2176
	58.40	0.595	15.11	8.375 A	10.650	5.545	13.071	16.879	18.208	928	1350	1519	1604	1857	2110	2363
	59.40	0.609	15.47	8.251	10.650	5.545	13.071	17.250	18.208	949	1380	1553	1639	1898	2156	2415
	61.10	0.625	15.88	8.219	10.650	5.545	13.071	17.671	18.208	972	1414	1590	1679	1944	2209	2474
9 7/8 250.83	62.80	0.625	15.88	8.469	10.891	5.545	13.071	18.162	18.490	999	1453	1635	1725	1998	2270	2543
10 3/4 273.05	40.50	0.350	8.89	9.894	11.772	5.589	13.189	11.435	20.183	629	915	1029	1086	1258	1429	1601
	45.50	0.400	10.16	9.875 A	11.772	5.589	13.189	13.006	20.183	715	1040	1171	1236	1431	1626	1821
	51.00	0.450	11.43	9.694	11.772	5.589	13.189	14.561	20.183	801	1165	1310	1383	1602	1820	2039
	55.50	0.495	12.57	9.625 A	11.772	5.589	13.189	15.947	20.183	877	1276	1435	1515	1754	1993	2233
	60.70	0.545	13.84	9.504	11.772	5.589	13.189	17.473	20.183	961	1398	1573	1660	1922	2184	2446
	65.70	0.595	15.11	9.404	11.772	5.589	13.189	18.982	20.183	1044	1519	1708	1803	2088	2373	2657
	73.20	0.672	17.07	9.250	11.772	5.589	13.189	21.276	20.183	1110	1615	1816	1917	2220	2523	2826
11 3/4 298.45	47.00	0.375	9.53	10.844	12.772	5.589	13.189	13.401	21.987	737	1072	1206	1273	1474	1675	1876
	54.00	0.435	11.05	10.724	12.772	5.589	13.189	15.463	21.987	850	1237	1392	1469	1701	1933	2165
	60.00	0.489	12.42	10.625 A	12.772	5.589	13.189	17.300	21.987	952	1384	1557	1644	1903	2163	2422
	65.00	0.534	13.56	10.625 A	12.772	5.589	13.189	18.816	21.987	1035	1505	1693	1788	2070	2352	2634
11 7/8 301.63	71.80	0.582	14.78	10.555	12.850	5.589	13.189	20.648	21.268	1136	1652	1858	1962	2271	2581	2891
13 3/8 339.73	54.50	0.380	9.65	12.459	14.398	5.642	13.189	15.513	24.879	853	1241	1396	1474	1706	1939	2172
	61.00	0.430	10.92	12.359	14.398	5.642	13.189	17.487	24.879	962	1399	1574	1661	1924	2186	2448
	68.00	0.480	12.19	12.259	14.398	5.642	13.189	19.445	24.879	1069	1556	1750	1847	2139	2431	2722
	72.00	0.514	13.06	12.250 A	14.398	5.642	13.189	20.768	24.879	1142	1661	1869	1973	2284	2596	2908
	77.00	0.550	13.97	12.119	14.398	5.642	13.189	22.160	24.879	1219	1773	1994	2105	2438	2770	3102
	80.70	0.580	14.73	12.059	14.398	5.642	13.189	23.314	24.879	1282	1865	2098	2215	2565	2914	3264
	85.00	0.608	15.44	12.003	14.398	5.642	13.189	24.386	24.879	1341	1951	2195	2317	2682	3048	3414
13 5/8 346.08	86.00	0.625	15.88	11.969	14.398	5.642	13.189	25.035	24.879	1368	1990	2239	2364	2737	3110	3483
	88.20	0.625	15.88	12.219	14.678	5.642	13.189	25.255	26.026	1404	2042	2297	2425	2808	3191	3574

* Coupling CCS = Coupling Critical Cross Section

A: Alternate drift

1000 lb. = 4.44822 kN

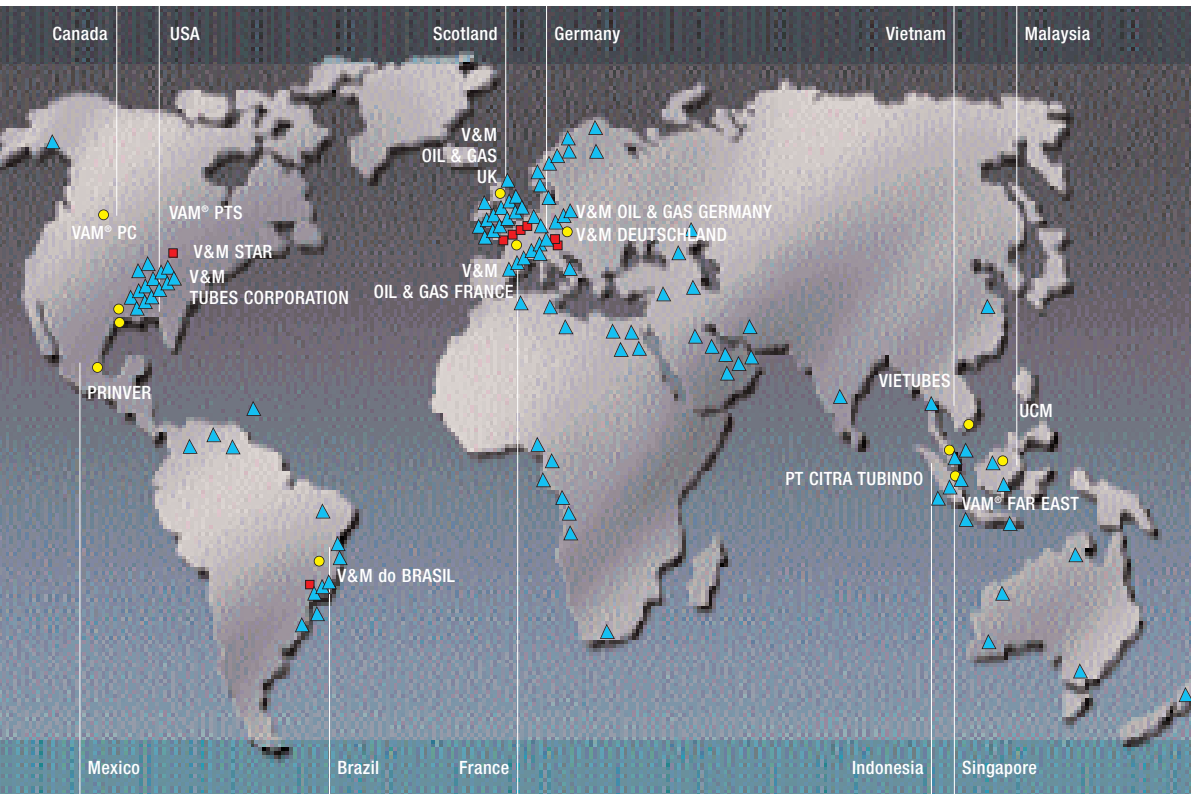
External pressure equal to collapse pressure calculated from API Bul. 5 C 3 section 1. Minimum internal yield pressure are calculated from API Bul. 5 C 3 section 3, formula 3.1.1.

External pressure (psi)							Minimum internal yield pressure (psi)							Nominal weight	Size (OD)
55 ksi	80 ksi	90 ksi	95 ksi	110 ksi	125 ksi	140 ksi	55 ksi	80 ksi	90 ksi	95 ksi	110 ksi	125 ksi	140 ksi	lb./ft.	inch mm
3270	3830	4030	4150	4430	4650	4760	4360	6340	7130	7530	8720	9910	11100	23.00	7
4330	5410	5740	5890	6230	6450	6690	4980	7240	8150	8600	9960	11310	12670	26.00	177.80
5410	7030	7580	7840	8530	9110	9560	5610	8160	9180	9690	11220	12750	14280	29.00	
6460	8610	9370	9740	10780	11710	12530	6230	9060	10190	10760	12460	14160	15860	32.00	
7270	10190	11170	11650	13030	14320	15490	6850	9960	11210	11830	13700	15560	17430	35.00	
7830	11390	12810	13430	15130	16740	18260	7430	10800	12150	12830	14850	16880	18900	38.00	
8490	12350	13890	14660	16980	19300	21560	8110	11800	13280	14010	16230	18440	20650	41.00	
9140	13290	14950	15780	18280	20770	23260	8800	12800	14400	15200	17600	20000	22400	44.00	
9520	13850	15580	16450	19040	21640	24230	9210	13400	15080	15910	18430	20940	23450	46.00	
2890	3400	3610	3710	3920	4050	4080	4140	6020	6780	7150	8280	9410	10540	26.40	7 5/8
3910	4790	5030	5130	5350	5670	5930	4730	6890	7750	8180	9470	10760	12050	29.70	193.68
5100	6560	7050	7270	7870	8340	8690	5430	7900	8880	9380	10860	12340	13820	33.70	
5850	7690	8330	8640	9480	10200	10800	5870	8540	9600	10140	11740	13340	14940	35.80	
6610	8820	9610	10000	11080	12060	12920	6310	9180	10330	10900	12620	14340	16070	39.00	
7510	10820	11890	12410	13930	15350	16680	7090	10320	11610	12250	14190	16120	18060	42.80	
7910	11510	12950	13670	15440	17100	18670	7510	10920	12290	12970	15020	17070	19120	45.30	
8280	12040	13540	14300	16550	18700	20490	7890	11480	12910	13630	15780	17930	20080	47.10	
9020	13120	14760	15580	18040	20500	22950	8670	12610	14190	14980	17340	19710	22070	51.20	
7800	11340	12750	13320	15000	16600	18090	7390	10750	12090	12760	14780	16790	18810	46.10	7 3/4
1880	2160	2210	2210	2210	2210	2210	3390	4930	5550	5860	6780	7710	8640	28.00	8 5/8
2530	3040	3220	3280	3420	3470	3470	3930	5710	6430	6780	7860	8930	10000	32.00	219.08
3450	4100	4250	4360	4680	4930	5080	4460	6490	7300	7710	8930	10140	11360	36.00	
4400	5530	5870	6020	6400	6640	6830	5020	7300	8220	8670	10040	11410	12780	40.00	
5360	6950	7490	7740	8420	8980	9410	5580	8120	9130	9640	11160	12680	14200	44.00	
6440	8570	9340	9700	10740	11660	12460	6220	9040	10170	10740	12430	14130	15820	49.00	
7060	9660	10570	11010	12280	13440	14500	6640	9660	10870	11470	13280	15090	16900	52.00	
2020	2370	2450	2470	2470	2470	2470	3520	5120	5760	6080	7040	8000	8960	36.00	9 5/8
2570	3080	3260	3330	3470	3530	3530	3950	5750	6460	6820	7900	8980	10050	40.00	244.48
3250	3810	4010	4130	4410	4620	4730	4350	6330	7120	7510	8700	9890	11070	43.50	
3890	4760	4990	5090	5300	5630	5880	4720	6870	7720	8150	9440	10730	12010	47.00	
5130	6620	7110	7340	7950	8440	8790	5450	7930	8920	9410	10900	12390	13870	53.50	
5990	7900	8560	8880	9770	10540	11190	5950	8650	9740	10280	11900	13520	15150	58.40	
6230	8250	8970	9320	10280	11130	11860	6090	8860	9970	10520	12180	13840	15500	59.40	
6500	8660	9440	9810	10860	11800	12630	6250	9090	10230	10800	12500	14200	15910	61.10	
6230	8260	8980	9320	10290	11140	11870	6090	8860	9970	10520	12180	13840	15510	62.80	9 7/8
1580	1730	1730	1730	1730	1730	1730	3130	4560	5130	5410	6270	7120	7980	40.50	10 3/4
2090	2470	2560	2590	2610	2610	2610	3580	5210	5860	6190	7160	8140	9120	45.50	273.05
2700	3210	3410	3490	3660	3740	3750	4030	5860	6590	6960	8060	9160	10260	51.00	
3390	4020	4170	4290	4610	4850	4990	4430	6450	7250	7660	8860	10070	11280	55.50	
4160	5160	5460	5580	5880	6070	6390	4880	7100	7980	8430	9760	11090	12420	60.70	
4920	6310	6760	6960	7510	7920	8200	5330	7750	8720	9200	10650	12110	13560	65.70	
6100	8060	8760	9090	10010	10820	11510	6020	8750	9850	10390	12030	13670	15320	73.20	
1510	1630	1630	1630	1630	1630	1630	3070	4470	5030	5310	6140	6980	7820	47.00	11 3/4
2070	2440	2530	2550	2570	2570	2570	3560	5180	5830	6150	7130	8100	9070	54.00	298.45
2660	3170	3360	3440	4700	3680	3680	4010	5830	6550	6920	8010	9100	10200	60.00	
3290	3870	4060	4180	4470	4690	4800	4370	6360	7160	7560	8750	9940	11130	65.00	
3880	4750	4980	5080	5290	5630	5880	4720	6860	7720	8150	9430	10720	12010	71.80	11 7/8
1130	1140	1140	1140	1140	1140	1140	2730	3980	4470	4720	5470	6210	6960	54.50	13 3/8
1540	1670	1670	1670	1670	1670	1670	3090	4500	5060	5340	6190	7030	7880	61.00	339.73
1950	2260	2320	2330	2330	2330	2330	3450	5020	5650	5970	6910	7850	8790	68.00	
2230	2660	2790	2820	2880	2880	2880	3700	5380	6050	6390	7400	8410	9420	72.00	
2580	3090	3270	3340	3490	3550	3550	3960	5760	6480	6840	7920	9000	10070	77.00	
2950	3450	3680	3780	4000	4140	4180	4170	6070	6830	7210	8350	9490	10620	80.70	
3300	3880	4060	4180	4470	4690	4810	4380	6360	7160	7560	8750	9940	11140	85.00	
3510	4190	4350	4420	4760	5030	5190	4500	6540	7360	7770	9000	10220	11450	86.00	
3360	3980	4140	4260	4570	4800	4930	4420	6420	7220	7630	8830	10030	11240	88.20	13 5/8
															346.08

* Coupling CCS = Coupling Critical Cross Section

1 ksi = 1000 psi
1 psi = 0.006895 Mpa
0.06895 bar

Our worldwide network for your success



- Threading plants
- Rolling mills
- ▲ Accessories and repair
- ▲ VAM® licensee facilities

**VALLOUREC MANNESMANN
OIL & GAS FRANCE**
Sales and Technical Sales
130, rue de Silly
92100 Boulogne-Billancourt
France
Phone +33 1 49093586
Fax +33 1 49093713

**VALLOUREC MANNESMANN
OIL & GAS GERMANY GmbH**
Sales and Technical Sales
Theodorstrasse 90
40472 Düsseldorf
Germany
Phone +49 211 960-0
Fax +49 211 960-3924

**VALLOUREC MANNESMANN
OIL & GAS UK Ltd.**
Prospect Place
Westhill Industrial Estate
Westhill
Aberdeenshire, UK - AB32 6SY
Phone +44 1224 279340
Fax +44 1224 279341

**VALLOUREC & MANNESMANN
TUBES CORP.**
1990 Post Oak Blvd, Suite 1400
Houston, TX 77056-3813, USA
Phone +1 713 4793200
Fax +1 713 4793201

VAM PTS
19210 Hardy Road
Houston, TX 77073
USA
Phone +1 281 8215510
Fax +1 281 8217760

V&M STAR
8603 Sheldon Road
Houston, TX 77049, USA
Phone +1 281 4566000
Fax +1 281 4567247

VAM PC
1920, 444 – 5th Avenue SW
Calgary, Alberta
Canada T2P 2T8
Phone +1 403 2330119
Fax +1 403 2662332

PRINVER
Av. Framboyanes Lote 6, Manzana 5
Cd. ind. Bruno Pagliai
Tejeria, Vera Cruz
CP 91697 - Mexico
Phone +52 229 989 8716
Fax +52 229 981 0349

V & M do BRASIL
Rua Lauro Müller 116 – Sala 1906
Botafogo 22290-160
Rio de Janeiro - RJ
Brazil
Phone + 55 21 38738300
Fax + 55 21 38738316

**VAM Field Service
International**
Prospect Place
Westhill Industrial Estate
Westhill
Aberdeenshire, UK - AB32 6SY
Phone +44 1224 279380
Fax +44 1224 279384

**VALLOUREC MANNESMANN
OIL & GAS**
Middle East Office
World Trade Center
6th Floor, suite 604
P.O. Box 9405
Dubai, U.A.E.
Phone +971 4 329 16 18
Fax +971 4 329 16 22

VAM FAR EAST PTE Ltd.
No. 16, Jalan Kilang Timor
#06-05, Redhill Forum
Singapore 159308
Phone +65 6736 23 72
Fax +65 6235 11 26

**VAM SERVICES
Licensee Network**
OCTG Division
21-23 rue de Leval
59620 Aulnoye Aymeries
France
Phone +33 3 27696615
Fax +33 3 27664575

Please visit our website:
www.vamservices.com



**VALLOUREC & MANNESMANN TUBES
OCTG DIVISION**