Specification of Finished Mandrels

Mandrel Pair Tag	Primary Mandrel Diameter (mm)					Cone Angle (Degree)	Secondary Mandrel Diameter (mm)					Cone Angle (Degree)
	at -150mm	at -100mm	at 0mm	at 100mm	at 150mm		at -150mm	at 100mm	at 0mm	at 100mm	at 150mm	
193	194.7805	194.4951	193.9231	193.3494	193.0620	-0.1641	193.6484	192.7860	191.0597	189.3317	188.4670	-0.4948
196	197.5138	197.2244	196.6444	196.0627	195.7712	-0.1664	196.3659	195.4913	193.7408	191.9886	191.1118	-0.5017
199	200.2639	199.9705	199.3824	198.7925	198.4970	-0.1687	199.1000	198.2132	196.4384	194.6617	193.7727	-0.5087
201	203.0307	202.7332	202.1370	201.5390	201.2394	-0.1711	201.8507	200.9517	199.1523	197.3511	196.4498	-0.5157
204	205.8144	205.5129	204.9085	204.3023	203.9986	-0.1734	204.6183	203.7069	201.8829	200.0570	199.1433	-0.5228
207	208.6151	208.3095	207.6969	207.0825	206.7746	-0.1758	207.4027	206.4790	204.6301	202.7794	201.8533	-0.5299
210	211.4330	211.1232	210.5023	209.8796	209.5675	-0.1781	210.2042	209.2679	207.3941	205.5184	204.5798	-0.5371
213	214.2680	213.9541	213.3249	212.6938	212.3776	-0.1805	213.0227	212.0740	210.1750	208.2741	207.3229	-0.5443

Parameters of Blanks from Which Mandrels Are to be Made

Mandrel Blank Label	OD (mm)	Wall Thickness (mm)
250-36-2	200.21	18.73
250-36-3	200.23	18.63
250-36-?	200.27	18.69
250-36-6	200.45	18.59
220-37-2	208.78	24.95
220-37-3	208.91	25.10
220-37-4	209.03	25.01
220-37-8	209.10	25.16
220-37-9	209.11	25.19
220-37-5	209.35	25.05
220-37-7	210.00	25.37
222-38-5	214.19	27.53
220-38-?	214.22	27.67
220-38-7	214.29	27.51
220-38-2	214.29	27.63
220-38-?	214-40	27.75