We purchase it						Possible delivered size			Non corroded			Corroded I (note2)			Corroded II (note 3)		
ASME B36.10M						(Revised) note1											
											S_L			S_L			S_L
Pd Psi	c in	OD in	ID in	T_{bar} in		OD' in	ID' in	T in	S_{LP} (rigorous) Psi	S_{LP} (Caesar II) Psi	(in App. S) Psi	S_{LP} (rigorous) Psi	S_{LP} (Caesar II) Psi	(in App. S) Psi	S_{LP} (rigorous) Psi	S_{LP} (Caesar II) Psi	(in App. S) Psi
550	0.063	16.000	15.520	0.375	Assume the the value of "*T bar - T" = 0.047" gone in miling process* caused by **reducing part** of OD and ID with vary combination in %.	16.000	15.672	0.328	12998	8756	14370	16185	10141	14370	16119	10099	14370
550	0.063	16.000	15.520	0.375		15.995	15.667	0.328	12995	8756	14370	16180	10141	14370	16114	10099	14370
550	0.063	16.000	15.520	0.375		15.991	15.663	0.328	12991	8756	14370	16175	10141	14370	16110	10099	14370
550	0.063	16.000	15.520	0.375		15.986	15.658	0.328	12987	8756	14370	16170	10141	14370	16105	10099	14370
550	0.063	16.000	15.520	0.375		15.981	15.653	0.328	12983	8756	14370	16165	10141	14370	16100	10099	14370
550	0.063	16.000	15.520	0.375		15.977	15.648	0.328	12979	8756	14370	16160	10141	14370	16095	10099	14370
550	0.063	16.000	15.520	0.375		15.972	15.644	0.328	12975	8756	14370	16155	10141	14370	16090	10099	14370
550	0.063	16.000	15.520	0.375		15.967	15.639	0.328	12971	8756	14370	16151	10141	14370	16085	10099	14370
550	0.063	16.000	15.520	0.375		15.963	15.634	0.328	12967	8756	14370	16146	10141	14370	16080	10099	14370
550	0.063	16.000	15.520	0.375		15.958	15.630	0.328	12963	8756	14370	16141	10141	14370	16075	10099	14370
550	0.063	16.000	15.520	0.375		15.953	15.625	0.328	12959	8756	14370	16136	10141	14370	16071	10099	14370
										% Loss	*22.8%*		*% Loss*	*29.6%*		*% Loss*	*29.5%*

Note 1
Reducing part of OD means decreasing dimension OD to OD'
Reducing part of ID means increasing dimension ID to ID'

Note 2
Corroded I pre assumed as increasing of dim. of ID and ID'

Corroded condition assumed as sum of all allowance

Note 3
Corroded II pre assumed as decreasing of dim. of OD and OD'

Corroded condition assumed as sum of all allowance