

Puis.

Tests made at Watertown Arsenal 1881

Dia. of Puis.	Applied load at Approximate Elastic Limit.	Fibre strain	$M.$	Distance "x"	
		$S = \frac{Pl}{\pi r^3}$ lbs. $\square$ inch.	inches lbs.	between supports.	
2.497"	+ 11,000*	43,000.	66,000	24"	673
"	+ 10,000 ✓	39,100.	60,000	"	674
2.5"	12,500	36,700.	56,250	18"	675
"	11,000 ✓	32,300.	49,500	"	676
"	14,500	28,400.	43,500	12"	677
"	10,000 ✓	19,500.	30,000	"	678
"	30,500	29,700.	45,750	6"	679
"	21,800	21,300.	32,700	"	680
3"	10,000 ✓	22,600.	60,000	24"	693
"	10,000 ✓	"	60,000	"	694
"	15,000 ✓	17,000	45,000	12"	695
"	15,000 ✓	"	"	"	696
"	30,000 ✓	"	"	6"	697
"	30,000 ✓	"	"	"	698
3.495"	10,000 ✓	14,300	60,000	24"	716
"	20,000	28,600	120,000	"	717
"	10,000 ✓	7,100	30,000	12"	718
"	10,000 ✓	"	"	"	719
3.496"	10,000 ✓	3,600	15,000	6"	720
"	50,000 ✓	17,900	75,000	"	721
4"	15,000 ✓	14,300	90,000	24"	741
"	18,000	17,200	108,000	"	742
"	20,000 ✓	9,500	60,000	12"	743
"	5,000	2,300	15,000	"	744