

ASTM STANDARD PRESTRESSING STRANDS, WIRES, AND BARS

Type*	Nominal diameter, mm	Nominal area, mm ²	Nominal mass, kg/m
Seven-wire strand (Grade 1725)	6.4	23	0.182
	7.9	37	0.294
	9.5	52	0.405
	11.1	69.7	0.548
	12.7	92.9	0.730
	15.2	139	1.090
Seven-wire strand (Grade 1860)	9.53	55	0.430
	11.1	74.2	0.580
	12.7	98.7	0.780
	13.2	108	0.840
	14.3	124	0.970
	15.2	140	1.100
	15.7	150	1.200
	17.8	190	1.500
Prestressing wire	4.88	18.7	0.146
	4.98	19.5	0.149
	6.35	31.7	0.253
	7.01	38.6	0.298
Prestressing bars (Type I, plain)	19	284	2.23
	22	387	3.04
	25	503	3.97
	29	639	5.03
	32	794	6.21
	35	955	7.52
Prestressing bars (Type II, deformed)	15	181	1.46
	20	271	2.22
	26	548	4.48
	32	806	6.54
	36	1019	8.28
	46	1664	13.54
	65	3331	21.10
	75	4419	35.85

*Availability of some tendon sizes should be investigated in advance.