GOST 14637-89

Mechanical properties of hot rolled steel:

Steel grade	Tensile strength N/mm2 (kgs/mm2)	Yield point N/mm2 (kgs/mm2) for thickness, mm				Elongation ,% for thickness,mm			Parallel bending for thickness, mm	
		Up to 20	20-40	40-100	over 100	Up to 20	20-40	over 40		
		Not less							Up to 20	over 20
St0	Not less 300(31)	-	-	-	-	23	22	20	D=2,5a	D=3,5a
St2kp	320-410(33-42)	215(22)	205(21)	195(20)	185(19)	33	32	30	D=1,5a	D=2,5a
St2ps,St2sp	330-430(34-44)	225(23)	215(22)	205(21)	195(20)	32	31	29		
St3kp	360-460(37-47)	235(24)	225(23)	215(22)	195(20)	27	26	24		
St3ps,St3sp	370-480(38-49)	245(25)	235(24)	225(23)	205(21)	26	25	23		
St3Gps	370-490(38-50)									
St3Gsp	390-570(40-58)	255(26)	245(25)	-	-	23	24	-		
St4ps,St4sp	410-530(42-54)	265(27)	255(26)	245(25)	235(24)	24	23	21	D=2,5a	D=3,5a
St5ps,St5sp	490-630(50-64)	285(29)	275(28)	265(27)	255(26)	20	19	17	D=3,5a	D=4,5a
St5Gps	450-590(46-60)									