

Casing threaded and coupled - GOST 632-80

Application: exploration and operation of oil and gas wells

Pipe dimensions and weight						
Outside diameter, mm	Wall thickness, mm	Weight per meter, kg	Grades and types of thread			
			triangular thread		ОТТМ	ОТТГ
			short	long		
139.7	7.0	22.9			Д, К, Е, Л	-
	7.7	25.9				
	9.2	29.5			Д, К, Е, Л	Д, К, Е, Л
	10.5	33.6				
146.1	7.0	24.0				-
	7.7	26.2				
	8.5	28.8	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М	
	9.5	32.0				Д, К, Е, Л, М
	10.7	35.7				
168.3	8.9	35.1				
	10.6	41.2	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М
	12.1	46.5				
177.8	9.2	38.2				-
	10.4	42.8				
	11.5	47.2	Д, К, Е, Л, М		Д, К, Е, Л, М	
	12.7	51.5		Д, К, Е, Л, М		Д, К, Е, Л, М
	13.7	55.5				
	15.0	60.8				
193.7	9.5	43.3				
	10.9	49.2	Д, К, Е, Л, М		Д, К, Е, Л, М	Д, К, Е, Л, М
	12.7	56.7		Д, К, Е, Л, М		
	15.1	66.5				
219.1	8.9	46.3				
	10.2	52.3				
	11.4	58.5	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М
	12.7	64.6				
	14.2	71.5				
244.5	8.9	51.9				
	10.0	58.0				
	11.1	63.6	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М	Д, К, Е, Л, М
	12.0	68.7				
	13.8	78.7				
273.1	8.9	57.9				
	10.2	65.9				
	11.4	73.7	Д, К, Е, Л, М		Д, К, Е, Л, М	Д, К, Е, Л, М
	12.6	80.8				
	13.8	88.5				

Pipe dimensions and weight (continued)

Outside diameter, mm	Wall thickness, mm	Weight per meter, kg	Grades and types of thread			
			triangular thread		OTTM	OTTF
			short	long		
298.5	9.5	67.9				
	11.1	78.3	Д, К, Е, Л, М	-	Д, К, Е, Л, М	-
	12.4	87.6				
	14.8	103.5				
9.5	73.6	Д, К, Е, Л, М				
11.0	84.8					
12.4	95.2					
14.0	106.9					
339.7	10.9	88.6	Д, Е, Л, М	-	Д, Е, Л, М	-
	12.2	98.5				
	13.1	105.2				
	14.0	112.2				
	15.4	123.5				

Pipes are produced of accuracy categories A and B.

Tolerances

Outside diameter permissible deviations category A:	±0.75%
Category B: OD up to 219.1 mm OD above 219.1 mm	±1.0% ±1.25%
Wall thickness permissible deviations	12.5% Positive deviations are limited by pipe weight

Mechanical properties of steel

Grade	Tensile strength, N/mm ² (kgf/mm ²)	Yield strength, N/mm ² (kgf/mm ²)		Elongation, %
	not less than	not less than	not more than	not less than
Д (category A)	655 (66.8)	379 (38.7)	552 (56.2)	14.3
Д (category B)	637 (65.0)	373 (38.0)	not limited	16.0
К (category B)	687 (70.0)	490 (50.0)	not limited	12.0
Е	689 (70.3)	552 (56.2)	758 (77.3)	13.0
Л	758 (77.3)	655 (66.8)	862 (87.9)	12.3
М	862 (87.9)	758 (77.3)	965 (98.4)	10.8

Lengths supplied

- from 9.5 up to 12.2 m.

Protection

Pipes are supplied:
- black and bare
- external varnished with black lacquer

Marking

Pipes are supplied with marking according to standard and customer request.

Delivery

Weight of bundle - up to 5000 kg upon request of customer, or lose