DIN 2448 SEAMLESS STEEL PIPES AND TUBES

1. Scope

This standard applies to the dimensions and the conventional masses per unit length of seamless steel pipes according to the technical conditions of delivery as stipulated in DIN 1629 Part 1 to Part 4. DIN 17172 and DIN 17175.

It also applies to other technical conditions of delivery in which reference to this Standard is made.

It defines that sector, selected from DIN ISO 4200, within which seamless steel pipes are standardized.

It does not apply to precision steel tubes according to DIN 2391.

2. Other relevant standards

DIN ISO 4200	Seamless and welded steel tubes; general table of dimensions and conventional masses per unit length
DIN 1626 Part 1	Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; survey, technical conditions of delivery, general data
DIN 1626 Part 2	Seamless tubes in unalloyed steel for supply purposes, process plant and tanks; tubes of commercial quality; technical conditions of delivery
DIN 1626 Part 3	Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; tubes with quality specifications, technical conditions of delivery
DIN 1626 Part 4	Seamless tubes in unalloyed steels for supply purposes, process plant and tanks; tubes with special quality specifications, technical conditions of delivery
DIN 17 172	Steel pipes for long distance pipe lines for combustible liquids and gases; technical conditions of delivery
DIN 17 175	Seamless tubes of heat-resistant steels; technical conditions of delivery

3. Designation, order code

Designation of a welded steel pipe made of St 37.2, having an outside diameter of pipe 273mm and a wall thickness of 6.3mm:

Pipe DIN 2458 - St 37-2 - 273 X 6.3

Table 4. Dimensions and conventional masses per unit length of pipes

Outside diameter of pipe Series			Normal wall thickness	Convent (weight) per unit length in kg/m for wall thicknesses in mm																																		
1	2	3	mm	1.6	1.8	2	2.3	2.6	2.9	3.2	3.6	4	4.5	5	5.6	6.3	7	8.8	10	11	12.5	14.2	16	17.5	20	22.2	25	28	30	32	36	40	45	50	55	60	65

10.2			1.6
13.5			1.8
	16		1.8
17.2			1.8
	19		2
	20		2
21.3			2
	25		2
		25.4	2
26.9			2.3
		30	2.6
	31.8		2.6
33.7			2.6
	38		2.6
42.4			2.6
		44.5	2.6
48.3			2.6
	51		2.6
		54	2.6
	5.7		2.9
60.3			2.9
	63.5		2.9
	70		2.9
		73	2.9
76.1			2.9
		82.5	3.2

88.9			3.2
	101.6		3.6
		108	3.6
114.3			3.6
	127		4
	133		4
139.7			4
		152.4	4.5
		159	4.5
168.3			4.5
		177.8	5
		193.7	5.6
219.1			6.3
		244.5	6.3
273			6.3
323.9			7.1
355.6			8
406.4			8.8
457			10
508			11
		559	12.5
610			12.5
		660	14.2

The pipe dimensions listed in this Table cannot be allocated to all technical conditions of delivery.

The masses (weights) per unit length printed in bold type, indicate pipes with outside diameters in series 1, which have preferred wall thicknesses according to ISO 4200.