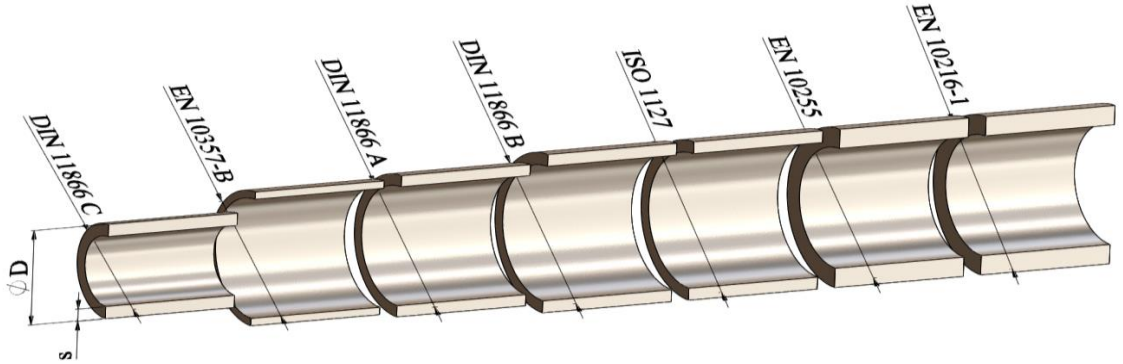
TUBE DIMENSION COMPARISON TO DIFFERENT STANDARDS



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Tube standard:		EN 10255	EN 10216-1	ASME BPE	DIN 11866 Serie A	DIN 11866 Serie B	DIN 11866 Serie C	EN 10357 - A	EN 10357 - B	EN 10357 - C	SIST EN ISO 1127
Tube standard (alternative):		DIN 2440	DIN 2448				ASME BPE	DIN 11850-Reihe2	DIN 11850-Reihe 1		DIN 2463
Aplication:				Bioprocessing Equipment	chemical and pharmaceutical industry	chemical and pharmaceutical industry	chemical and pharmaceutical industry	food and chemical industry	food and chemical industry	food and chemical industry	
Nominal dimension / Material type:		Non-alloy steel for welding and threading	Seamless non-alloy steel	Seamless and Welded Stainless Steel	Seamless and Welded Stainless Steel	Seamless and Welded Stainless Steel	Seamless and Welded Stainless Steel	longitudinally welded stainless steel	longitudinally welded stainless steel	longitudinally welded stainless steel	stainless steel
DN	**"**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**	**Φ D x s**
DN4											
DN6	1/8"	Φ 10,2x2,0	Φ 10,2x1,6		Φ 8x1,0	Φ 10,2x1,6					Φ 10,2x1,6
DN8	1/4"	Φ 13,5x2,35	Φ 13,5x1,8	Φ 6,35x0,89	Φ 10x1,0	Φ 13,5x1,6	Φ 6,35x0,89				Φ 13,5x1,6
DN10	3/8"	Φ 17,2x2,35	Φ 17,2x1,8	Φ 9,53x0,89	Φ 13x1,5	Φ 17,2x1,6	Φ 9,53x0,89	Φ 13x1,5	Φ 12x1,0	Φ 17,2x1,6	Φ 17,20x1,6
DN15	1/2"	Φ 21,3x2,65	Φ 21,3x2,0	Φ 12,70x1,65	Φ 19x1,5	Φ 21,3x1,6	Φ 12,7x1,65	Φ 19x1,5	Φ 18x1,0	Φ 21,3x1,6	Φ 21,3x1,6
DN20	3/4"	Φ 26,9x2,65	Φ 26,9x2,3	Φ 19,05x1,65	Φ 23x1,5	Φ 26,9x1,6	Φ 19,05x1,65	Φ 23x1,5	Φ 22x1,0	Φ 26,9x1,6	Φ 26,9x1,6
DN25	1"	Φ 33,7x3,25	Φ 33,7x2,6	Φ 25,40x1,65	Φ 29x1,5	Φ 33,7x2,0	Φ 25,4x1,65	Φ 29x1,5	Φ 28x1,0	Φ 33,7x2	Φ 33,7x2,0
DN32	5/4 (1 1/4)"	Φ 42,4x3,25	Φ 42,4x2,6		Φ 35x1,5	Φ 42,4x2,0		Φ 35x1,5	Φ 34x1,0	Φ 42,4x2	Φ 42,40x2,0
DN40	6/4 (1 1/2)"	Φ 48,3x3,25	Φ 48,3x2,6	Φ 38,10x1,65	Φ 41x1,5	Φ 48,3x2,0	Φ 38,1x1,65	Φ 41x1,5	Φ 40x1,0	Φ 48,3x2	Φ 48,3x2,0
DN50	2"	Φ 60,3x3,65	Φ 60,3x2,9	Φ 50,80x1,65	Φ 53x1,5	Φ 60,3x2,0	Φ 50,8x1,65	Φ 53x1,5	Φ 52x1,0	Φ 30,6x2	Φ 60,3x2,0
DN65	2 1/2"	Φ 76,1x3,65	Φ 76,1x2,9	Φ 63,5x1,65	Φ 70x2,0	Φ 76,1x2,0	Φ 63,5x1,65	Φ 70x2,0		Φ 76,1x2	Φ 76,1x2,0
DN80	3"	Φ 88,9x4,05	Φ 88,9x3,2	Φ 76,2x1,65	Φ 85x2,0	Φ 88,9x2,3	Φ 76,2x1,65	Φ 85x2,0		Φ 88,9x2	Φ 88,9x2,3
DN100	4"	Φ 114,3x4,5	Φ 114,3x3,6	Φ 101,6x2,11	Φ 104x2,0	Φ 114,3x2,3	Φ 101,6x2,11	Φ 104x2,0		Φ 114,3x2	Φ 114,3x2,3
DN125	5"	Φ 139,7x4,85	Φ 139,7x4,0		Φ 129x2,0	Φ 139,7x2,6		Φ 129x2,0			Φ 139,7x2,6
DN150	6"	Φ 165,1x4,85	Φ 168,3x4,5	Φ 152,4x2,77	Φ 154x2,0	Φ 168,3x2,6	Φ 152,4x2,77	Φ 154x2,0			Φ 168,3x2,6
DN200	8"		Φ 219,1x5,9		Φ 204x2,0	Φ 219,1x2,6		Φ 204x2,0			Φ 219,1x2,6
DN250	10"		Φ 273x6,3								Φ 273,1x3,0
DN300	12"		Φ 323,9x7,1								Φ 323,9x3,0
DN350	14"		Φ 355,6x8,0								
DN400	16"		Φ 406x8,8								
DN450	18"		Φ 457,2x10,0								
DN500	20"		Φ 508x11,0								
DN600	24"		Φ 609x12,5								