

外径	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)	肉厚 (内径)
21.7	4 (13.7)	5 (11.7)	6 (9.7)	7 (7.7)	-	-	-	-	-	-	-	-	-	-	-
25.4	4 (17.4)	5 (15.4)	6 (13.4)	7 (11.4)	-	-	-	-	-	-	-	-	-	-	-
27.2	4 (19.2)	5 (17.2)	6 (15.2)	7 (13.2)	8 (11.2)	-	-	-	-	-	-	-	-	-	-
30	4 (22)	5 (20)	6 (18)	7 (16)	8 (14)	-	-	-	-	-	-	-	-	-	-
31.8	4 (23.8)	5 (21.8)	6 (19.8)	7 (17.8)	8 (15.8)	-	-	-	-	-	-	-	-	-	-
34	3.2 (27.6)	3.5 (27)	4 (26)	4.5 (25)	5 (24)	5.5 (23)	6 (22)	6.4 (21.2)	7 (20)	8 (18)	9 (16)	-	-	-	-
38.1	4 (30.1)	5 (28.1)	6 (26.1)	7 (24.1)	8 (22.1)	9 (20.1)	10 (18.1)	12 (14.1)	-	-	-	-	-	-	-
40	5 (30)	6 (28)	7 (26)	8 (24)	9 (22)	10 (20)	-	-	-	-	-	-	-	-	-
42.7	3.5 (35.7)	4 (34.7)	4.5 (33.7)	5 (32.7)	5.5 (31.7)	6 (30.7)	7 (28.7)	8 (26.7)	10 (22.7)	12 (18.7)	-	-	-	-	-
45	4 (37)	5 (35)	6 (33)	7 (31)	8 (29)	9 (27)	10 (25)	12 (21)	-	-	-	-	-	-	-
48.6	4 (40.6)	5 (38.6)	6 (36.6)	7 (34.6)	8 (32.6)	10 (28.6)	12 (24.6)	15 (18.6)	-	-	-	-	-	-	-
50.8	5 (40.8)	6 (38.8)	7 (36.8)	8 (34.8)	9 (32.8)	10 (30.8)	12 (26.8)	13 (24.8)	15 (20.8)	-	-	-	-	-	-
52	7 (38)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	4 (46)	5 (44)	6 (42)	7 (40)	7.5 (39)	8 (38)	10 (34)	12 (30)	14 (26)	18 (18)	-	-	-	-	-
57	5 (47)	6 (45)	7 (43)	8 (41)	9 (39)	10 (37)	11 (35)	12 (33)	13 (31)	14.5 (28)	15 (27)	-	-	-	-
60.5	4 (52.5)	5 (50.5)	6 (48.5)	7 (46.5)	8 (44.5)	9 (42.5)	10 (40.5)	11 (38.5)	12 (36.5)	15 (30.5)	18 (24.5)	-	-	-	-
63.5	6 (51.5)	7 (49.5)	8 (47.5)	10 (43.5)	12 (39.5)	15 (33.5)	18 (27.5)	-	-	-	-	-	-	-	-
65	8 (49)	9 (47)	9.5 (46)	10 (45)	12 (41)	15 (35)	18 (29)	-	-	-	-	-	-	-	-
67	10 (47)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68.1	8 (52.1)	10 (48.1)	12 (44.1)	15 (38.1)	15.5 (37.1)	-	-	-	-	-	-	-	-	-	-
70	7 (56)	8 (54)	9 (52)	10 (50)	11 (48)	12 (46)	15 (40)	18 (34)	20 (30)	-	-	-	-	-	-
73	6 (61)	7 (59)	8 (57)	10 (53)	12 (49)	13 (47)	15 (43)	16 (41)	17 (39)	18 (37)	20 (33)	25 (23)	-	-	-
76.3	5 (66.3)	6 (64.3)	7 (62.3)	8 (60.3)	10 (56.3)	12 (52.3)	13 (50.3)	14 (48.3)	15 (46.3)	17 (42.3)	18 (40.3)	19 (38.3)	20 (36.3)	22 (32.3)	25 (26.3)
77.8	10.5 (56.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	8 (64)	10 (60)	12 (56)	15 (50)	18 (44)	20 (40)	25 (30)	-	-	-	-	-	-	-	-
82.6	6 (70.6)	7 (68.6)	8 (66.6)	10 (62.6)	12 (58.6)	15 (52.6)	18 (46.6)	20 (42.6)	22 (38.6)	25 (32.6)	30 (22.6)	-	-	-	-

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83.5	15 (53.5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85	8 (69)	10 (65)	12 (61)	15 (55)	18 (49)	20 (45)	25 (35)	30 (25)	-	-	-	-	-	-	-
89.1	6 (77.1)	6.6 (75.9)	8 (73.1)	9 (71.1)	10 (69.1)	11 (67.1)	12 (65.1)	14 (61.1)	15 (59.1)	18 (53.1)	20 (49.1)	22 (45.1)	25 (39.1)	-	-
90	20.5 (49)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	11 (71)	13 (67)	16.9 (59.2)	17 (59)	18 (57)	23 (47)	-	-	-	-	-	-	-	-	-
95	8 (79)	10 (75)	12 (71)	15 (65)	18 (59)	20 (55)	22.5 (50)	25 (45)	-	-	-	-	-	-	-
96	10 (76)	12 (72)	15 (66)	18 (60)	20 (56)	25 (46)	30 (36)	-	-	-	-	-	-	-	-
98	11 (76)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	23 (54)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101.6	8 (85.6)	9 (83.6)	10 (81.6)	12 (77.6)	13.5 (74.6)	14 (73.6)	15 (71.6)	16 (69.6)	18 (65.6)	20 (61.6)	23 (55.6)	25 (51.6)	30 (41.6)	35 (31.6)	-
105	10 (85)	12 (81)	15 (75)	18 (69)	20 (65)	25 (55)	30 (45)	-	-	-	-	-	-	-	-
108	11 (86)	16.5 (75)	28 (52)	-	-	-	-	-	-	-	-	-	-	-	-
110	10 (90)	12 (86)	15 (80)	18 (74)	20 (70)	25 (60)	30 (50)	35 (40)	-	-	-	-	-	-	-
114.3	4.5 (105.3)	7 (100.3)	8 (98.3)	10 (94.3)	12 (90.3)	13.5 (87.3)	15 (84.3)	16 (82.3)	18 (78.3)	20 (74.3)	22 (70.3)	25 (64.3)	28 (58.3)	30 (54.3)	35 (44.3)
118	10.5 (97)	19 (80)	26 (66)	29 (60)	-	-	-	-	-	-	-	-	-	-	-
120	10 (100)	12 (96)	15 (90)	18 (84)	20 (80)	25 (70)	30 (60)	35 (50)	-	-	-	-	-	-	-
124	14 (96)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	8 (111)	10 (107)	12 (103)	15 (97)	18 (91)	20 (87)	25 (77)	30 (67)	35 (57)	-	-	-	-	-	-
130	6 (118)	8 (114)	10 (110)	12 (106)	15 (100)	18 (94)	20 (90)	25 (80)	30 (70)	35 (60)	40 (50)	-	-	-	-
133	16 (101)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135	10 (115)	12 (111)	15 (105)	18 (99)	20 (95)	25 (85)	30 (75)	35 (65)	-	-	-	-	-	-	-
139.8	4.5 (130.8)	8 (123.8)	10 (119.8)	12 (115.8)	15 (109.8)	18 (103.8)	20 (99.8)	25 (89.8)	28 (83.8)	30 (79.8)	32 (75.8)	35 (69.8)	40 (59.8)	-	-

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145	15 (115)	17.5 (110)	28 (89)	30 (85)	-	-	-	-	-	-	-	-	-	-	-
146	12 (122)	15 (116)	18 (110)	20 (106)	25 (96)	30 (86)	35 (76)	40 (66)	-	-	-	-	-	-	-
150	10 (130)	25 (100)	-	-	-	-	-	-	-	-	-	-	-	-	-
152.4	8 (136.4)	10 (132.4)	12 (128.4)	13 (126.4)	15 (122.4)	16 (120.4)	18 (116.4)	19 (114.4)	20 (112.4)	25 (102.4)	30 (92.4)	35 (82.4)	40 (72.4)	45 (62.4)	-
159	8 (143)	8.5 (142)	10 (139)	12 (135)	15 (129)	16.5 (126)	18 (123)	20 (119)	25 (109)	27 (105)	30 (99)	35 (89)	40 (79)	45 (69)	-
165.2	5 (155.2)	10 (145.2)	12 (141.2)	15 (135.2)	20 (125.2)	23 (119.2)	25 (115.2)	30 (105.2)	33 (99.2)	35 (95.2)	40 (85.2)	45 (75.2)	-	-	-
168.3	10 (148.3)	15 (138.3)	18 (132.3)	20 (128.3)	23 (122.3)	25 (118.3)	30 (108.3)	31 (106.3)	33 (102.3)	35 (98.3)	-	-	-	-	-
177.8	10 (157.8)	12 (153.8)	15 (147.8)	16 (145.8)	18 (141.8)	20 (137.8)	25 (127.8)	30 (117.8)	35 (107.8)	40 (97.8)	45 (87.8)	50 (77.8)	-	-	-
180	25 (130)	30 (120)	-	-	-	-	-	-	-	-	-	-	-	-	-
185	15 (155)	18 (149)	20 (145)	25 (135)	30 (125)	35 (115)	40 (105)	-	-	-	-	-	-	-	-
190.7	12 (166.7)	15 (160.7)	18 (154.7)	20 (150.7)	25 (140.7)	30 (130.7)	35 (120.7)	40 (110.7)	45 -	-	-	-	-	-	-
193.7	20 (153.7)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
203	40 (123)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	16 (173)	20 (165)	25 (155)	30 (145)	35 (135)	40 (125)	45 (115)	50 (105)	-	-	-	-	-	-	-
210	40 (130)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
216.3	15 (186.3)	18 (180.3)	20 (176.3)	23 (170.3)	25 (166.3)	30 (156.3)	35 (146.3)	40 (136.3)	45 (126.3)	50 (116.3)	-	-	-	-	-
219.1	8 (203.1)	12 (195.1)	15 (189.1)	18 (183.1)	20 (179.1)	25 (169.1)	30 (159.1)	35 (149.1)	40 (139.1)	50 (119.1)	-	-	-	-	-
232	15 (202)	18 (196)	20 (192)	25 (182)	30 (172)	35 (162)	40 (152)	45 (142)	50 (132)	-	-	-	-	-	-
241.8	15 (211.8)	20 (201.8)	25 (191.8)	30 (181.8)	35 (171.8)	40 (161.8)	45 (151.8)	50 (141.8)	55 (131.8)	-	-	-	-	-	-

