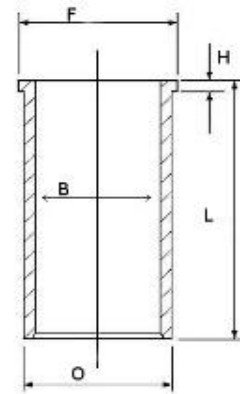


INFORMATION:	Description	Symbol
Cylinder Liner: 054.0SF		
53.00	INSIDE LINER DIAMETER SF (mm)	B - semi finish
54.00	INSIDE LINER DIAMETER FF (mm)	B
60.00	OUTSIDE LINER DIAMETER (mm)	O
63.00	FLANGE DIAMETER (mm)	F
180.00	TOTAL LENGTH (mm)	L
H 5.00	FLANGE HEIGHT (mm)	H



Semi Finish Cylinder Liner	
Number	LINER DIMENSIONS
poz	1(B) 2(Bsf) 3(O) 4(F) 5 (L) 6(H)
054.0SF	54.00 (53.00) - 60.00 - 63.00 - 180.00 + H 5.00
063.0SF	63.00 (62.00) - 66.00 - 69.00 - 180.00 + H 5.00
064.0SF	64.00 (63.00) - 67.00 - 70.00 - 180.00 + H 5.00
065.0SF	65.00 (64.00) - 68.00 - 71.00 - 180.00 + H 5.00
066.0SF	66.00 (65.00) - 71.00 - 74.00 - 180.00 + H 5.00
067.0SF	67.00 (66.00) - 70.00 - 73.00 - 180.00 + H 5.00
069.0SF	69.00 (68.20) - 72.00 - 75.00 - 180.00 + H 5.00
070.0SF	70.00 (69.00) - 73.00 - 76.00 - 180.00 + H 5.00
071.0SF	71.00 (70.20) - 74.00 - 77.00 - 180.00 + H 5.00
072.0SF	72.00 (71.20) - 75.00 - 78.00 - 180.00 + H 5.00
073.0SF	73.00 (72.20) - 76.00 - 79.00 - 180.00 + H 5.00
074.0SF	74.00 (73.20) - 77.00 - 80.00 - 180.00 + H 5.00
075.0SF	75.00 (74.20) - 78.00 - 81.00 - 180.00 + H 5.00
075.1SF	75.00 (74.00) - 79.00 - 82.00 - 180.00 + H 5.00
076.0SF	76.00 (75.20) - 79.50 - 82.50 - 180.00 + H 5.00
077.0SF	77.00 (76.20) - 80.00 - 83.00 - 180.00 + H 5.00
077.1SF	77.00 (76.20) - 81.00 - 84.00 - 180.00 + H 5.00
078.0SF	78.00 (77.20) - 81.00 - 84.00 - 180.00 + H 5.00
078.1SF	78.00 (77.00) - 82.00 - 85.00 - 180.00 + H 5.00
079.0SF	79.00 (78.20) - 82.50 - 85.50 - 180.00 + H 5.00
079.1SF	79.00 (78.20) - 83.50 - 86.50 - 180.00 + H 5.00
080.0SF	80.00 (79.20) - 83.00 - 86.00 - 180.00 + H 5.00
080.1SF	80.00 (79.20) - 84.00 - 87.00 - 180.00 + H 5.00
080.2SF	80.00 (79.00) - 85.00 - 88.00 - 180.00 + H 5.00
081.0SF	81.00 (80.20) - 84.00 - 87.00 - 180.00 + H 5.00
081.1SF	81.00 (80.20) - 84.50 - 87.50 - 180.00 + H 6.00
081.2SF	81.00 (80.20) - 84.00 - 89.00 - 180.00 + H 6.00
082.0SF	82.00 (81.20) - 85.00 - 88.00 - 180.00 + H 5.00
082.1SF	82.00 (81.20) - 86.00 - 89.00 - 180.00 + H 5.00
083.0SF	83.00 (82.20) - 86.00 - 89.00 - 180.00 + H 5.00
083.1SF	83.00 (82.20) - 87.00 - 90.00 - 180.00 + H 5.00
083.2SF	83.00 (82.20) - 88.00 - 91.00 - 180.00 + H 5.00
084.0SF	84.00 (83.20) - 87.00 - 90.00 - 180.00 + H 5.00
084.1SF	84.00 (83.20) - 88.00 - 91.00 - 180.00 + H 5.00
084.2SF	84.00 (83.20) - 87.00 - 92.00 - 180.00 + H 6.00
085.0SF	85.00 (83.20) - 88.00 - 91.00 - 180.00 + H 5.00
085.1SF	85.00 (83.20) - 89.00 - 92.00 - 180.00 + H 5.00



085.2SF	85.00 (83.50) - 90.00 - 93.00 - 180.00 + H 5.00
085.3SF	85.00 (83.50) - 91.00 - 94.00 - 180.00 + H 5.00
085.4SF	85.00 (83.50) - 92.00 - 95.00 - 180.00 + H 5.00
086.0SF	86.00 (85.20) - 89.00 - 92.00 - 180.00 + H 5.00
086.1SF	86.00 (85.20) - 90.00 - 93.00 - 180.00 + H 5.00
087.0SF	87.00 (86.20) - 90.00 - 93.00 - 180.00 + H 5.00
087.1SF	87.00 (86.20) - 91.00 - 94.00 - 180.00 + H 5.00
087.2SF	87.00 (86.00) - 92.00 - 95.00 - 180.00 + H 5.00
088.0SF	88.00 (87.20) - 91.00 - 94.00 - 180.00 + H 5.00
088.1SF	88.00 (87.00) - 92.00 - 95.00 - 180.00 + H 5.00
089.0SF	89.00 (88.20) - 92.00 - 95.00 - 180.00 + H 5.00
089.1SF	89.00 (88.20) - 93.00 - 96.00 - 180.00 + H 5.00
089.2SF	89.00 (88.20) - 94.00 - 97.00 - 180.00 + H 5.00
090.0SF	90.00 (89.20) - 93.00 - 96.00 - 180.00 + H 5.00
090.1SF	90.00 (89.00) - 94.00 - 97.00 - 180.00 + H 5.00
090.2SF	90.00 (89.20) - 95.00 - 98.00 - 180.00 + H 5.00
091.0SF	91.00 (90.20) - 94.30 - 99.00 - 180.00 + H 5.00
091.1SF	91.00 (90.00) - 95.50 - 100.00 - 190.00 + H 5.00
092.0SF	92.00 (91.20) - 95.00 - 98.00 - 180.00 + H 5.00
092.1SF	92.00 (91.20) - 96.00 - 99.00 - 180.00 + H 5.00
093.0SF	93.00 (92.20) - 96.00 - 99.00 - 180.00 + H 5.00
093.1SF	93.00 (92.20) - 97.00 - 100.00 - 180.00 + H 5.00
094.0SF	94.00 (93.20) - 97.50 - 101.00 - 185.00 + H 5.00
094.1SF	94.00 (93.20) - 99.00 - 102.50 - 196.00 + H 6.00
095.0SF	95.00 (94.20) - 98.00 - 101.00 - 180.00 + H 5.00
096.0SF	96.00 (95.20) - 99.00 - 102.00 - 180.00 + H 5.00
096.1SF	96.00 (95.20) - 100.00 - 104.00 - 180.00 + H 5.00
096.2SF	96.00 (95.00) - 101.00 - 106.00 - 180.00 + H 5.00
097.0SF	97.00 (96.20) - 100.40 - 103.50 - 222.00 + H 6.00
097.1SF	97.00 (96.20) - 101.00 - 104.00 - 222.00 + H 6.00
097.2SF	97.00 (96.00) - 102.50 - 105.50 - 222.00 + H 6.00
097.3SF	97.00 (96.00) - 103.50 - 106.50 - 222.00 + H 6.00
099.0SF	99.00 (98.00) - 103.50 - 106.50 - 227.40 + H 3.80 / 1.00
099.1SF	99.00 (98.00) - 104.50 - 107.50 - 227.40 + H 3.80 / 1.00
100.0SF	100.00 (99.20) - 104.60 - 107.60 - 227.40 + H 6.00
100.1SF	100.00 (99.20) - 105.60 - 108.60 - 227.40 + H 6.00
102.0SF	102.00 (101.20) - 106.00 - 109.50 - 220.00 + H 7.00
102.1SF	102.00 (101.20) - 107.00 - 110.50 - 220.00 + H 7.00
104.0SF	104.00 (103.20) - 107.00 - 110.00 - 200.00 + H 6.00
104.1SF	104.00 (103.20) - 109.50 - 113.00 - 220.00 + H 6.00
105.0SF	105.00 (104.20) - 108.50 - 112.50 - 220.00 + H 7.00
106.0SF	106.00 (105.20) - 110.00 - 113.50 - 220.00 + H 7.00
107.0SF	107.00 (106.20) - 111.00 - 114.00 - 220.00 + H 6.00
108.0SF	108.00 (107.20) - 111.50 - 116.00 - 217.00 + H 6.00
108.1SF	108.00 (107.20) - 112.00 - 116.50 - 217.00 + H 6.00
108.2SF	108.00 (107.00) - 113.00 - 116.00 - 217.00 + H 6.00
111.0SF	111.00 (110.50) - 115.00 - 121.00 - 210.00 + H 5.00

Semi Finish Cylinder Sleevs

Number	LINER DIMENSIONS
poz	2(Bsf) 3(O) 6(H)
060 - 080	60.00 - 80.00 - 200.00
065 - 085	65.00 - 85.00 - 200.00
070 - 090	70.00 - 90.00 - 220.00
075 - 095	75.00 - 95.00 - 220.00
080 - 100	80.00 - 100.00 - 230.00
085 - 105	85.00 - 105.00 - 240.00
090 - 110	90.00 - 110.00 - 240.00
095 - 115	95.00 - 115.00 - 250.00
100 - 120	100.00 - 120.00 - 250.00

