



Operational Procedure - Rev 0

NWP 01 - Rev 1

BMS 07 - ASME B16.5 and BS1560  
SWG Dimensional Tables & Tolerances Suitable For Slip on Flanges  
(All Class Ratings)

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Page: 1 of 1

NOMINAL PIPE SIZE	INNER RING	SEALING ELEMENT		CENTERING RING – OD	
	MINIMUM ID	ID	OD	CLASS 150	CLASS 3/600
1/2"	14.3	23.9	33.3	47.6	54.0
3/4"	20.6	30.2	41.3	57.2	66.7
1"	27.0	36.5	49.2	66.7	73.0
1 1/4"	34.9	47.6	61.9	76.2	82.6
1 1/2"	41.3	54.0	69.9	85.7	95.3

**Tolerances - ASME B16.5 & BS1560 Slip On Flanges - In Millimetres**

CENTERING RING			SEALING ELEMENT			INNER RING		
O/D	I/D	THK	O/D	I/D	THK	O/D	I/D	THK
+ 0	+ 0	3.2 + 0.25	+ 0	+ 0.4	4.5 + 0.25	+ 0.4	+ 0.4	2.97
- 0.8	- 0.8	3.2 - 0.10	- 0.8	- 0	4.5 - 0	- 0	- 0	to 3.32