

## Shoulder Bushing Washer

**Material:** Nylon

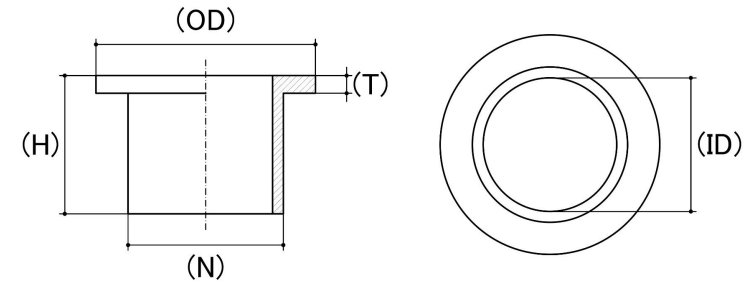
**Corrosion Protection Level:** Ultimate

**Finish:** Black

**Standard:** HEC Standard

**System Of Measurement:** Metric

**Comments:** Shoulder washers are not precision items. Dimensional data should be used as a guide only.



*Cad Drawings shown for graphic representation only.\**

Industry Size	Inside Dimension (ID) (mm)		Sleeve Dia (N) (mm)		Height Overall (H) (mm)		Outside Dimension (OD) (mm)		Thickness (T) (mm)		sku (Part Number)
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
M5 x 5	5.05	5.15	7.95	8.05	4.95	5.05	14.00	15.00	1.45	1.55	71SWN515B
M6 x 8	6.00	6.10	8.95	9.05	7.95	8.05	16.00	17.00	1.45	1.55	71SWN68B
M6 x 13	6.00	6.10	8.95	9.05	12.95	13.05	16.00	17.00	1.45	1.55	71SWN613B
M8 x 8	8.05	8.10	10.95	11.05	7.95	8.05	20.00	21.00	1.95	2.05	71SWN818B
M8 x 13	8.05	8.10	10.95	11.05	12.95	13.05	20.00	21.00	1.95	2.05	71SWN8113B
M10 x 8	9.90	10.00	12.95	13.05	7.95	8.05	23.90	24.70	1.95	2.05	71SWN108B
M10 x 13	9.90	10.00	12.95	13.05	12.95	13.05	23.90	24.70	1.95	2.05	71SWN1013B
M10 x 18	9.90	10.00	12.95	13.05	18.00	18.10	23.90	24.70	1.95	2.05	71SWN1018B
M12 x 5	12.05	12.15	14.95	15.05	4.95	5.05	25.90	26.60	2.05	2.15	71SWN1215B
M12 x 8	12.05	12.15	14.95	15.05	7.95	8.05	25.90	26.60	2.05	2.15	71SWN1218B
M12 x 13	12.05	12.15	14.95	15.05	12.95	13.05	25.90	26.60	2.05	2.15	71SWN12113B
M12 x 18	12.05	12.15	14.95	15.05	17.95	18.05	25.90	26.60	2.05	2.15	71SWN12118B
M16 x 15	15.90	16.05	18.95	19.05	14.95	15.05	34.80	35.50	2.95	3.05	71SWN1615B
M16 x 17	16.10	16.20	18.95	19.05	16.95	17.05	34.80	35.50	2.95	3.05	71SWN16117B
M16 x 20	16.10	16.20	18.95	19.05	19.95	20.05	34.80	35.50	2.95	3.05	71SWN16120B

Industry Size	Inside Dimension (ID) (mm)		Sleeve Dia (N) (mm)		Height Overall (H) (mm)		Outside Dimension (OD) (mm)		Thickness (T) (mm)		sku (Part Number)
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
M20 x 25	20.40	20.80	22.30	22.70	25.00	25.30	35.80	36.30	2.95	3.05	71SWN20525B

**Disclaimer:**

Dimensional data and technical information was obtained from publically available sources and not acquired through standard agencies. It has been completed and compiled for reference purposes only; where discrepancies are found they are subject to change without notice. Bolt & Nut Australia makes no warranties or representations regarding the accuracy and validity of the compiled information and data. Contact the relevant standard authorities for accurate and detailed information.

\* Cad Drawings may not reflect diameter, thread length or overall length.

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