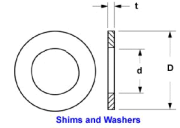




# MBA

## Washers - Flat - Mild Steel



Flat washers.

Please note! Tolerances for commercial grade washers are much larger than for precision washers.

In most cases the actual washer size will be larger than the nominal ID and smaller than the nominal OD.

### Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0021-0048-03-Z	2.10 <i>0.083</i>	4.76 <i>0.187</i>	0.30 <i>0.012</i>	To Suit M2 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0021-0050-03-ST	2.10 <i>0.083</i>	5.00 <i>0.197</i>	0.30 <i>0.012</i>	To Suit M2 Screw	AS1237 / DIN125	Steel	Commercial
WF0021-0050-03-Z	2.10 <i>0.083</i>	5.00 <i>0.197</i>	0.30 <i>0.012</i>	To Suit M2 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0023-0056-04-Z	2.34 <i>0.092</i>	5.56 <i>0.219</i>	0.45 <i>0.018</i>			Zinc Plated Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0024-0064-08-ST	2.40 <i>0.094</i>	6.35 <i>0.250</i>	0.76 <i>0.030</i>	To Suit 3/32 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0024-0064-08-Z	2.40 <i>0.094</i>	6.35 <i>0.250</i>	0.76 <i>0.030</i>	To Suit 3/32 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0027-0065-05-ST	2.70 <i>0.106</i>	6.50 <i>0.256</i>	0.50 <i>0.020</i>	To Suit M2.5 Screw	AS1237 / DIN125	Steel	Commercial
WF0027-0065-05-Z	2.70 <i>0.106</i>	6.50 <i>0.256</i>	0.50 <i>0.020</i>	To Suit M2.5 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0028-0063-05-Z	2.76 <i>0.109</i>	6.35 <i>0.250</i>	0.51 <i>0.020</i>			Zinc Plated Steel	Commercial
WF0031-0068-05-Z	3.10 <i>0.122</i>	6.80 <i>0.268</i>	0.50 <i>0.020</i>	To Suit M3 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0032-0071-07-Z	3.18 <i>0.125</i>	7.14 <i>0.281</i>	0.66 <i>0.026</i>			Zinc Plated Steel	Commercial
WF0032-0070-05-ST	3.20 <i>0.126</i>	7.00 <i>0.276</i>	0.50 <i>0.020</i>	To Suit M3 Screw	AS1237 / DIN125	Steel	Commercial
# WF0032-0070-005-S	3.20 <i>0.126</i>	7.00 <i>0.276</i>	0.50 <i>0.020</i>	To Suit M3 Screw	AS1237 / DIN125	Steel	-
WF0032-0070-05-Z	3.20 <i>0.126</i>	7.00 <i>0.276</i>	0.50 <i>0.020</i>	To Suit M3 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0032-0079-08-ST	3.20 <i>0.126</i>	7.94 <i>0.313</i>	0.76 <i>0.030</i>	To Suit M3 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0032-0079-08-Z	3.20 <i>0.126</i>	7.94 <i>0.313</i>	0.76 <i>0.030</i>	To Suit M3 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0032-0095-09-ST	3.20 <i>0.126</i>	9.53 <i>0.375</i>	0.90 <i>0.035</i>	To Suit M3 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0032-0095-09-Z	3.20 <i>0.126</i>	9.53 <i>0.375</i>	0.90 <i>0.035</i>	To Suit M3 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0032-0127-09-ST	3.20 <i>0.126</i>	12.70 <i>0.500</i>	0.90 <i>0.035</i>	To Suit M3 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0032-0127-09-Z	3.20 <i>0.126</i>	12.70 <i>0.500</i>	0.90 <i>0.035</i>	To Suit M3 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0032-0159-12-ST	3.20 <i>0.126</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit M3 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0032-0159-12-Z	3.20 <i>0.126</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit M3 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0036-0071-07-Z	3.56 <i>0.140</i>	7.14 <i>0.281</i>	0.66 <i>0.026</i>			Zinc Plated Steel	Commercial
WF0038-0095-08-Z	3.80 <i>0.150</i>	9.53 <i>0.375</i>	0.81 <i>0.032</i>			Zinc Plated Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0043-0090-08-Z	4.30 <i>0.169</i>	9.00 <i>0.354</i>	0.80 <i>0.031</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0043-0090-08-ST	4.30 <i>0.169</i>	9.00 <i>0.354</i>	0.80 <i>0.031</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Steel	Commercial
# WF0043-0090-008-S	4.30 <i>0.169</i>	9.00 <i>0.354</i>	0.80 <i>0.031</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Steel	-
# WF0043-0095-09-ST	4.30 <i>0.169</i>	9.53 <i>0.375</i>	0.90 <i>0.035</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0043-0095-09-Z	4.30 <i>0.169</i>	9.53 <i>0.375</i>	0.90 <i>0.035</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0043-0111-09-ST	4.30 <i>0.169</i>	11.11 <i>0.437</i>	0.90 <i>0.035</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0043-0111-09-Z	4.30 <i>0.169</i>	11.11 <i>0.437</i>	0.90 <i>0.035</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
# WF0043-0159-13-ST	4.30 <i>0.169</i>	15.88 <i>0.625</i>	1.29 <i>0.051</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Mild Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0043-0159-13-Z	4.30 <i>0.169</i>	15.88 <i>0.625</i>	1.29 <i>0.051</i>	To Suit M4, 5/32 or 8UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0043-0095-08-Z	4.32 <i>0.170</i>	9.53 <i>0.375</i>	0.81 <i>0.032</i>			Zinc Plated Steel	Commercial
WF0049-0111-09-ST	4.90 <i>0.193</i>	11.11 <i>0.437</i>	0.90 <i>0.035</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0111-09-Z	4.90 <i>0.193</i>	11.11 <i>0.437</i>	0.90 <i>0.035</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0049-0127-09-ST	4.90 <i>0.193</i>	12.70 <i>0.500</i>	0.90 <i>0.035</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0127-09-Z	4.90 <i>0.193</i>	12.70 <i>0.500</i>	0.90 <i>0.035</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0049-0127-15-Z	4.90 <i>0.193</i>	12.70 <i>0.500</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0049-0127-15-ST	4.90 <i>0.193</i>	12.70 <i>0.500</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0049-0159-12-ST	4.90 <i>0.193</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0159-12-Z	4.90 <i>0.193</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
# WF0049-0159-13-ST	4.90 <i>0.193</i>	15.88 <i>0.625</i>	1.29 <i>0.051</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
# WF0049-0159-13-Z	4.90 <i>0.193</i>	15.88 <i>0.625</i>	1.29 <i>0.051</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0049-0191-12-ST	4.90 <i>0.193</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0191-12-Z	4.90 <i>0.193</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0049-0191-15-ST	4.90 <i>0.193</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0191-15-Z	4.90 <i>0.193</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0049-0254-15-ST	4.90 <i>0.193</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0254-15-Z	4.90 <i>0.193</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
# WF0049-0318-15-ST	4.90 <i>0.193</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0049-0318-15-Z	4.90 <i>0.193</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 3/16 or 10UN Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0052-0111-08-Z	5.18 <i>0.204</i>	11.12 <i>0.438</i>	0.81 <i>0.032</i>			Zinc Plated Steel	Commercial
# WF0053-0010-010-S	5.30 <i>0.209</i>	10.00 <i>0.394</i>	1.00 <i>0.039</i>	To Suit M5 Screw	AS1237 / DIN125	Steel	-
WF0053-0100-10-ST	5.30 <i>0.209</i>	10.00 <i>0.394</i>	1.00 <i>0.039</i>	To Suit M5 Screw	AS1237 / DIN125	Steel	Commercial
WF0053-0100-10-Z	5.30 <i>0.209</i>	10.00 <i>0.394</i>	1.00 <i>0.039</i>	To Suit M5 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0064-0120-009-S	6.40 <i>0.252</i>	12.00 <i>0.472</i>	0.90 <i>0.035</i>	To Suit M6 Screw	AS1237 / DIN125	Steel	-

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0064-0125-12-ST	6.40 <i>0.252</i>	12.50 <i>0.492</i>	1.20 <i>0.047</i>	To Suit M6 Screw	AS1237 / DIN125	Steel	Commercial
WF0064-0125-12-Z	6.40 <i>0.252</i>	12.50 <i>0.492</i>	1.20 <i>0.047</i>	To Suit M6 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0064-0125-16-ZY	6.40 <i>0.252</i>	12.50 <i>0.492</i>	1.60 <i>0.063</i>	To Suit M6 Screw	AS1237 / DIN125	Zinc - Yellow	Commercial
# WF0064-0125-16-ST	6.40 <i>0.252</i>	12.50 <i>0.492</i>	1.60 <i>0.063</i>	To Suit M6 Screw	AS1237 / DIN125	Mild Steel	Commercial
# WF0067-0125-16-Z	6.70 <i>0.264</i>	12.50 <i>0.492</i>	1.60 <i>0.063</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0067-0127-12-Z	6.70 <i>0.264</i>	12.70 <i>0.500</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0127-12-ST	6.70 <i>0.264</i>	12.70 <i>0.500</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0127-15-ST	6.70 <i>0.264</i>	12.70 <i>0.500</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0127-15-Z	6.70 <i>0.264</i>	12.70 <i>0.500</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0143-12-ST	6.70 <i>0.264</i>	14.29 <i>0.563</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0067-0143-12-Z	6.70 <i>0.264</i>	14.29 <i>0.563</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0159-12-ST	6.70 <i>0.264</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0159-12-Z	6.70 <i>0.264</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0169-15-ST	6.70 <i>0.264</i>	16.90 <i>0.665</i>	1.50 <i>0.059</i>	To Suit 1/4 Screw	AS1237 / DIN125	Steel - Plain	Commercial
WF0067-0191-12-Z	6.70 <i>0.264</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0191-12-ST	6.70 <i>0.264</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0191-15-Z	6.70 <i>0.264</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0191-15-ST	6.70 <i>0.264</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
# WF0067-0222-12-ST	6.70 <i>0.264</i>	22.23 <i>0.875</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0222-12-Z	6.70 <i>0.264</i>	22.23 <i>0.875</i>	1.21 <i>0.048</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0067-0254-15-ST	6.70 <i>0.264</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0254-15-Z	6.70 <i>0.264</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0067-0318-15-ST	6.70 <i>0.264</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0318-15-Z	6.70 <i>0.264</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
# WF0067-0381-13-Z	6.70 <i>0.264</i>	38.10 <i>1.500</i>	1.29 <i>0.051</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
# WF0067-0508-15-ST	6.70 <i>0.264</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0067-0508-15-Z	6.70 <i>0.264</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 1/4 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0127-10-Z	8.30 <i>0.327</i>	12.70 <i>0.500</i>	1.02 <i>0.040</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0159-12-ST	8.30 <i>0.327</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0159-12-Z	8.30 <i>0.327</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0083-0191-12-ST	8.30 <i>0.327</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0191-12-Z	8.30 <i>0.327</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0191-15-ST	8.30 <i>0.327</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0191-15-Z	8.30 <i>0.327</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0222-12-ST	8.30 <i>0.327</i>	22.23 <i>0.875</i>	1.21 <i>0.048</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0222-12-Z	8.30 <i>0.327</i>	22.23 <i>0.875</i>	1.21 <i>0.048</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0222-15-ST	8.30 <i>0.327</i>	22.23 <i>0.875</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0222-15-Z	8.30 <i>0.327</i>	22.23 <i>0.875</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0254-15-ST	8.30 <i>0.327</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0254-15-Z	8.30 <i>0.327</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0083-0318-15-Z	8.30 <i>0.327</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0318-15-ST	8.30 <i>0.327</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0381-15-ST	8.30 <i>0.327</i>	38.10 <i>1.500</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0381-15-Z	8.30 <i>0.327</i>	38.10 <i>1.500</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
WF0083-0508-15-ST	8.30 <i>0.327</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Mild Steel	Commercial
WF0083-0508-15-Z	8.30 <i>0.327</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 5/16 Screw	AS1237 / DIN125	Zinc Plated	Commercial
# WF0084-0160-011-S	8.40 <i>0.331</i>	16.00 <i>0.630</i>	1.10 <i>0.043</i>	To Suit M8 Bolt	AS1237 / DIN125	Steel	-
# WF0084-0160-16-Z	8.40 <i>0.331</i>	16.00 <i>0.630</i>	1.60 <i>0.063</i>	To Suit M8 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0084-0170-12-ST	8.40 <i>0.331</i>	17.00 <i>0.669</i>	1.20 <i>0.047</i>	To Suit M8 Bolt	AS1237 / DIN125	Steel	Commercial
WF0084-0170-12-Z	8.40 <i>0.331</i>	17.00 <i>0.669</i>	1.20 <i>0.047</i>	To Suit M8 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0084-0170-16-ST	8.40 <i>0.331</i>	17.00 <i>0.669</i>	1.60 <i>0.063</i>	To Suit M8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0084-0170-16-ZY	8.40 <i>0.331</i>	17.00 <i>0.669</i>	1.60 <i>0.063</i>	To Suit M8 Bolt	AS1237 / DIN125	Zinc - Yellow	Commercial
WF0098-0159-12-ST	9.80 <i>0.386</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0159-12-Z	9.80 <i>0.386</i>	15.88 <i>0.625</i>	1.21 <i>0.048</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0191-12-Z	9.80 <i>0.386</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0191-12-ST	9.80 <i>0.386</i>	19.05 <i>0.750</i>	1.21 <i>0.048</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0191-15-ST	9.80 <i>0.386</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0191-15-Z	9.80 <i>0.386</i>	19.05 <i>0.750</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0222-12-ST	9.80 <i>0.386</i>	22.23 <i>0.875</i>	1.21 <i>0.048</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0222-12-Z	9.80 <i>0.386</i>	22.23 <i>0.875</i>	1.21 <i>0.048</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0098-0222-15-ST	9.80 <i>0.386</i>	22.23 <i>0.875</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0222-15-Z	9.80 <i>0.386</i>	22.23 <i>0.875</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0254-15-ST	9.80 <i>0.386</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0254-15-Z	9.80 <i>0.386</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0318-15-ST	9.80 <i>0.386</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0318-15-Z	9.80 <i>0.386</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0381-15-ST	9.80 <i>0.386</i>	38.10 <i>1.500</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0381-15-Z	9.80 <i>0.386</i>	38.10 <i>1.500</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0476-19-ST	9.80 <i>0.386</i>	47.63 <i>1.875</i>	1.90 <i>0.075</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0476-19-Z	9.80 <i>0.386</i>	47.63 <i>1.875</i>	1.90 <i>0.075</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0098-0508-15-ST	9.80 <i>0.386</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0508-15-Z	9.80 <i>0.386</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0098-0508-27-ST	9.80 <i>0.386</i>	50.80 <i>2.000</i>	2.66 <i>0.105</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0098-0508-27-Z	9.80 <i>0.386</i>	50.80 <i>2.000</i>	2.66 <i>0.105</i>	To Suit 3/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0105-0200-015-S	10.50 <i>0.413</i>	20.00 <i>0.787</i>	1.45 <i>0.057</i>	To Suit M10 Bolt	AS1237 / DIN125	Steel	-
WF0105-0210-16-Z	10.50 <i>0.413</i>	21.00 <i>0.827</i>	1.60 <i>0.063</i>	To Suit M10 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
WF0105-0210-16-ST	10.50 <i>0.413</i>	21.00 <i>0.827</i>	1.60 <i>0.063</i>	To Suit M10 Bolt	AS1237 / DIN125	Steel	Commercial
# WF0105-0210-20-ST	10.50 <i>0.413</i>	21.00 <i>0.827</i>	2.00 <i>0.079</i>	To Suit M10 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0105-0210-20-ZY	10.50 <i>0.413</i>	21.00 <i>0.827</i>	2.00 <i>0.079</i>	To Suit M10 Bolt	AS1237 / DIN125	Zinc - Yellow	Commercial
WF0105-0229-20-ST	10.50 <i>0.413</i>	22.90 <i>0.902</i>	2.00 <i>0.079</i>	To Suit M10 Bolt	AS1237 / DIN125	Steel - Plain	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
WF0105-0229-20-Z	10.50 <i>0.413</i>	22.90 <i>0.902</i>	2.00 <i>0.079</i>	To Suit M10 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0105-0318-15-ST	10.50 <i>0.413</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit M10 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0105-0318-15-Z	10.50 <i>0.413</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit M10 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0120-0222-15-ST	12.00 <i>0.472</i>	22.23 <i>0.875</i>	1.52 <i>0.060</i>	To Suit 7/16 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0120-0222-15-Z	12.00 <i>0.472</i>	22.23 <i>0.875</i>	1.52 <i>0.060</i>	To Suit 7/16 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0120-0254-15-ST	12.00 <i>0.472</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 7/16 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0120-0254-15-Z	12.00 <i>0.472</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 7/16 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0132-0240-16-Z	13.20 <i>0.520</i>	24.00 <i>0.945</i>	1.60 <i>0.063</i>	To Suit M12 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0132-0240-16-ST	13.20 <i>0.520</i>	24.00 <i>0.945</i>	1.60 <i>0.063</i>	To Suit M12 Bolt	AS1237 / DIN125	Steel	Commercial
# WF0132-0240-018-S	13.20 <i>0.520</i>	24.00 <i>0.945</i>	1.80 <i>0.071</i>	To Suit M12 Bolt	AS1237 / DIN125	Steel	-

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0132-0240-25-ZY	13.20 <i>0.520</i>	24.00 <i>0.945</i>	2.50 <i>0.098</i>	To Suit M12 Bolt	AS1237 / DIN125	Zinc - Yellow	Commercial
# WF0132-0240-25-ST	13.20 <i>0.520</i>	24.00 <i>0.945</i>	2.50 <i>0.098</i>	To Suit M12 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0254-15-ST	13.50 <i>0.531</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0254-15-Z	13.50 <i>0.531</i>	25.40 <i>1.000</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0135-0280-24-ST	13.50 <i>0.531</i>	28.00 <i>1.102</i>	2.40 <i>0.094</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Steel - Plain	Commercial
# WF0135-0286-15-ST	13.50 <i>0.531</i>	28.58 <i>1.125</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0286-15-Z	13.50 <i>0.531</i>	28.58 <i>1.125</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0135-0318-15-ST	13.50 <i>0.531</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0318-15-Z	13.50 <i>0.531</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0135-0381-19-ST	13.50 <i>0.531</i>	38.10 <i>1.500</i>	1.90 <i>0.075</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0135-0381-19-Z	13.50 <i>0.531</i>	38.10 <i>1.500</i>	1.90 <i>0.075</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0135-0476-19-ST	13.50 <i>0.531</i>	47.63 <i>1.875</i>	1.90 <i>0.075</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0476-19-Z	13.50 <i>0.531</i>	47.63 <i>1.875</i>	1.90 <i>0.075</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0135-0508-15-Z	13.50 <i>0.531</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0135-0508-15-ST	13.50 <i>0.531</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0508-27-ST	13.50 <i>0.531</i>	50.80 <i>2.000</i>	2.66 <i>0.105</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0135-0508-27-Z	13.50 <i>0.531</i>	50.80 <i>2.000</i>	2.66 <i>0.105</i>	To Suit 1/2 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0152-0286-15-ST	15.20 <i>0.598</i>	28.58 <i>1.125</i>	1.52 <i>0.060</i>	To Suit 9/16 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0152-0286-15-Z	15.20 <i>0.598</i>	28.58 <i>1.125</i>	1.52 <i>0.060</i>	To Suit 9/16 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0152-0318-15-ST	15.20 <i>0.598</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 9/16 Bolt	AS1237 / DIN125	Mild Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0152-0318-15-Z	15.20 <i>0.598</i>	31.75 <i>1.250</i>	1.52 <i>0.060</i>	To Suit 9/16 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0169-0318-16-ST	16.90 <i>0.665</i>	31.75 <i>1.250</i>	1.60 <i>0.063</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0169-0318-16-Z	16.90 <i>0.665</i>	31.75 <i>1.250</i>	1.60 <i>0.063</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0169-0349-16-Z	16.90 <i>0.665</i>	34.93 <i>1.375</i>	1.60 <i>0.063</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0169-0349-16-ST	16.90 <i>0.665</i>	34.93 <i>1.375</i>	1.60 <i>0.063</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0169-0508-15-Z	16.90 <i>0.665</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0169-0508-15-ST	16.90 <i>0.665</i>	50.80 <i>2.000</i>	1.52 <i>0.060</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0169-0508-27-ST	16.90 <i>0.665</i>	50.80 <i>2.000</i>	2.66 <i>0.105</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0169-0508-27-Z	16.90 <i>0.665</i>	50.80 <i>2.000</i>	2.66 <i>0.105</i>	To Suit 5/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
WF0170-0335-20-ST	17.00 <i>0.669</i>	33.50 <i>1.319</i>	2.00 <i>0.079</i>	To Suit M16 Bolt	AS1237 / DIN125	Steel	Commercial

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0170-0335-20-Z	17.00 <i>0.669</i>	33.50 <i>1.319</i>	2.00 <i>0.079</i>	To Suit M16 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0170-0335-022-S	17.00 <i>0.669</i>	33.50 <i>1.319</i>	2.20 <i>0.087</i>	To Suit M16 Bolt	AS1237 / DIN125	Steel	-
# WF0170-0335-30-ST	17.00 <i>0.669</i>	33.50 <i>1.319</i>	3.00 <i>0.118</i>	To Suit M16 Bolt	AS1237 / DIN125	Mild Steel	Commercial
WF0170-0335-30-ZY	17.00 <i>0.669</i>	33.50 <i>1.319</i>	3.00 <i>0.118</i>	To Suit M16 Bolt	AS1237 / DIN125	Zinc - Yellow	Commercial
# WF0201-0381-19-ST	20.10 <i>0.791</i>	38.10 <i>1.500</i>	1.90 <i>0.075</i>	To Suit 3/4 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0201-0381-19-Z	20.10 <i>0.791</i>	38.10 <i>1.500</i>	1.90 <i>0.075</i>	To Suit 3/4 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0210-0370-20-ST	21.00 <i>0.827</i>	37.00 <i>1.457</i>	2.00 <i>0.079</i>	To Suit M20 Bolt	AS1237 / DIN125	Steel	Commercial
# WF0210-0370-20-Z	21.00 <i>0.827</i>	37.00 <i>1.457</i>	2.00 <i>0.079</i>	To Suit M20 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0210-0370-30-ZY	21.00 <i>0.827</i>	37.00 <i>1.457</i>	3.00 <i>0.118</i>	To Suit M20 Bolt	AS1237 / DIN125	Zinc - Yellow	Commercial
# WF0210-0370-30-ST	21.00 <i>0.827</i>	37.00 <i>1.457</i>	3.00 <i>0.118</i>	To Suit M20 Bolt	AS1237 / DIN125	Mild Steel	Commercial

# Indicates item not stocked at time of printing - Please enquire for lead time

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## Washers - Flat - Mild Steel

Part Number	Nom. ID (d) mm <i>inches</i>	Nom. OD (D) mm <i>inches</i>	Thickness (T) mm <i>inches</i>	Other	Tolerances	Material	Grade
# WF0230-0413-19-ST	23.00 <i>0.906</i>	41.28 <i>1.625</i>	1.90 <i>0.075</i>	To Suit M22 Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0230-0413-19-Z	23.00 <i>0.906</i>	41.28 <i>1.625</i>	1.90 <i>0.075</i>	To Suit M22 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0250-0440-20-ST	25.00 <i>0.984</i>	44.00 <i>1.732</i>	2.00 <i>0.079</i>	To Suit M24 Bolt	AS1237 / DIN125	Steel	Commercial
# WF0250-0440-20-Z	25.00 <i>0.984</i>	44.00 <i>1.732</i>	2.00 <i>0.079</i>	To Suit M24 Bolt	AS1237 / DIN125	Zinc Plated Steel	Commercial
# WF0264-0476-19-ST	26.40 <i>1.039</i>	47.63 <i>1.875</i>	1.90 <i>0.075</i>	To Suit 1 Inch Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0264-0476-19-Z	26.40 <i>1.039</i>	47.63 <i>1.875</i>	1.90 <i>0.075</i>	To Suit 1 Inch Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0264-0540-19-ST	26.40 <i>1.039</i>	53.98 <i>2.125</i>	1.90 <i>0.075</i>	To Suit 1 Inch Bolt	AS1237 / DIN125	Mild Steel	Commercial
# WF0264-0540-19-Z	26.40 <i>1.039</i>	53.98 <i>2.125</i>	1.90 <i>0.075</i>	To Suit 1 Inch Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0310-0540-19-Z	31.00 <i>1.220</i>	53.98 <i>2.125</i>	1.90 <i>0.075</i>	To Suit 1.1/8 Bolt	AS1237 / DIN125	Zinc Plated	Commercial
# WF0310-0540-19-ST	31.00 <i>1.220</i>	53.98 <i>2.125</i>	1.90 <i>0.075</i>	To Suit 1.1/8 Bolt	AS1237 / DIN125	Mild Steel	Commercial

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