



# WITRUS PRIVATE LIMITED

#06 Andrahalli Main Road Peenya 2nd Stage Vishwaneedam

Post Bangalore - 560091 mob: 7019386466

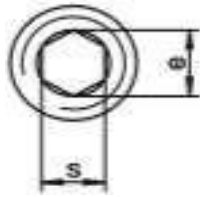
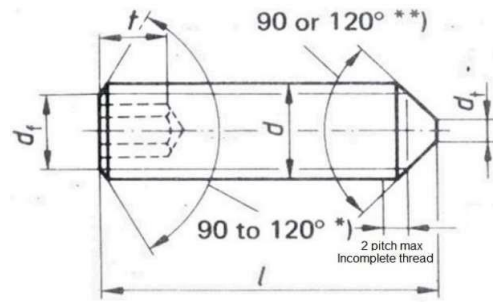
WITRUS

www.witrus.com

sales@witrus.com

## WGS2S2 DataSheet

AISS 304



\*\* Cone angle is 120° for lengths above the thick line and 90° for longer lengths

| Parameter↓ Size→ | M1.6x0.35                            | M2x0.4 | M2.5x0.45 | M3x0.5 | M4x0.7 | M5x0.8 |
|------------------|--------------------------------------|--------|-----------|--------|--------|--------|
| df               | Lower limit of minor thread diameter |        |           |        |        |        |
| Cone end         | max                                  | -      | -         | -      | -      | -      |
| dt               | min                                  | -      | -         | -      | -      | -      |
| t Socket         | min                                  | 0.70   | 0.80      | 1.20   | 1.20   | 2.00   |
| depth            | max                                  | 1.50   | 1.70      | 2.00   | 2.50   | 3.00   |
| s min            | key size                             | 0.711  | 0.889     | 1.270  | 1.520  | 2.020  |
| s max            |                                      | 0.724  | 0.902     | 1.295  | 1.545  | 2.045  |
| e min            |                                      | 0.803  | 1.003     | 1.427  | 1.730  | 2.870  |

Quote the item code given below with your order/enquiries:

Dimensions in mm

| Size →<br>Length↓ | M1.6x0.35   | M2x0.4      | M2.5x0.45   | M3x0.5      | M4x0.7      | M5x0.8      |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2                 | WGS2S210602 | WGS2S202002 |             |             |             |             |
| 3                 | WGS2S210603 | WGS2S202003 | WGS2S220503 | WGS2S203003 | WGS2S204003 |             |
| 4                 | WGS2S210604 | WGS2S202004 | WGS2S220504 | WGS2S203004 | WGS2S204004 | WGS2S205004 |
| 5                 | WGS2S210605 | WGS2S202005 | WGS2S220505 | WGS2S203005 | WGS2S204005 | WGS2S205005 |
| 6                 | WGS2S210606 | WGS2S202006 | WGS2S220506 | WGS2S203006 | WGS2S204006 | WGS2S205006 |
| 8                 | WGS2S210608 | WGS2S202008 | WGS2S220508 | WGS2S203008 | WGS2S204008 | WGS2S205008 |
| 10                | WGS2S210610 | WGS2S202010 | WGS2S220510 | WGS2S203010 | WGS2S204010 | WGS2S205010 |
| 12                | WGS2S210612 | WGS2S202012 | WGS2S220512 | WGS2S203012 | WGS2S204012 | WGS2S205012 |
| 14                |             | WGS2S202014 | WGS2S220514 | WGS2S203014 | WGS2S204014 | WGS2S205014 |
| 16                |             | WGS2S202016 | WGS2S220516 | WGS2S203016 | WGS2S204016 | WGS2S205016 |
| 18                |             |             |             | WGS2S203018 | WGS2S204018 | WGS2S205018 |
| 20                |             |             |             | WGS2S203020 | WGS2S204020 | WGS2S205020 |
| 25                |             |             |             | WGS2S203025 | WGS2S204025 | WGS2S205025 |
| 30                |             |             |             | WGS2S203030 | WGS2S204030 | WGS2S205030 |
| 35                |             |             |             |             | WGS2S204035 | WGS2S205035 |
| 40                |             |             |             |             | WGS2S204040 | WGS2S205040 |
| 45                |             |             |             |             | WGS2S204045 | WGS2S205045 |
| 50                |             |             |             |             | WGS2S204050 | WGS2S205050 |
| 55                |             |             |             |             |             | WGS2S205055 |
| 60                |             |             |             |             |             | WGS2S205060 |

Sizes in BLUE are non-preferred. Availability is limited and MOQ is higher.

Data is strictly informative

Note: All Austenitic Stainless Steel Fasteners may exhibit some magnetic properties due to the manufacturing process.

Refer: ISO 3506-2 Annex F



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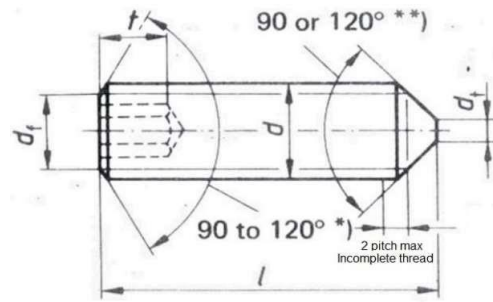
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## WGS2S2 DataSheet

AISS 304



\*\* Cone angle is 120° for lengths above the thick line and 90° for longer lengths

| Parameter↓ Size→  |          | M6x1.0                               | M8x1.25 | M10x1.5 | M12x1.75 | M16x2.0 | M20x2.5 |
|-------------------|----------|--------------------------------------|---------|---------|----------|---------|---------|
| df                |          | Lower limit of minor thread diameter |         |         |          |         |         |
| cone end<br>dt    | max      | 1.50                                 | 2.00    | 2.50    | 3.00     | 4.00    | 5.00    |
|                   | min      | 0.90                                 | 1.40    | 1.90    | 2.40     | 3.25    | 4.25    |
| t socket<br>depth | min      | 2.00                                 | 3.00    | 4.00    | 4.80     | 6.40    | 8.00    |
|                   | max      | 3.50                                 | 5.00    | 6.00    | 8.00     | 10.00   | 12.00   |
| s min             | key size | 3.02                                 | 4.020   | 5.020   | 6.020    | 8.025   | 10.025  |
| s max             |          | 3.08                                 | 4.095   | 5.095   | 6.095    | 8.115   | 10.115  |
| e min             |          | 3.44                                 | 4.58    | 5.72    | 6.86     | 9.15    | 11.43   |

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Dimensions in mm

| Size →<br>Length↓ | M6x1.0      | M8x1.25     | M10x1.5     | M12x1.75    | M16x2.0     | M20x2.5     |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 6                 | WGS2S206006 | WGS2S208006 |             |             |             |             |
| 8                 | WGS2S206008 | WGS2S208008 |             |             |             |             |
| 10                | WGS2S206010 | WGS2S208010 | WGS2S210010 | WGS2S212010 |             |             |
| 12                | WGS2S206012 | WGS2S208012 | WGS2S210012 | WGS2S212012 |             |             |
| 14                | WGS2S206014 | WGS2S208014 | WGS2S210014 | WGS2S212014 | WGS2S216014 |             |
| 16                | WGS2S206016 | WGS2S208016 | WGS2S210016 | WGS2S212016 | WGS2S216016 |             |
| 18                | WGS2S206018 | WGS2S208018 | WGS2S210018 | WGS2S212018 | WGS2S216018 |             |
| 20                | WGS2S206020 | WGS2S208020 | WGS2S210020 | WGS2S212020 | WGS2S216020 | WGS2S220020 |
| 25                | WGS2S206025 | WGS2S208025 | WGS2S210025 | WGS2S212025 | WGS2S216025 | WGS2S220025 |
| 30                | WGS2S206030 | WGS2S208030 | WGS2S210030 | WGS2S212030 | WGS2S216030 | WGS2S220030 |
| 35                | WGS2S206035 | WGS2S208035 | WGS2S210035 | WGS2S212035 | WGS2S216035 | WGS2S220035 |
| 40                | WGS2S206040 | WGS2S208040 | WGS2S210040 | WGS2S212040 | WGS2S216040 | WGS2S220040 |
| 45                | WGS2S206045 | WGS2S208045 | WGS2S210045 | WGS2S212045 | WGS2S216045 | WGS2S220045 |
| 50                | WGS2S206050 | WGS2S208050 | WGS2S210050 | WGS2S212050 | WGS2S216050 | WGS2S220050 |
| 55                | WGS2S206055 | WGS2S208055 | WGS2S210055 | WGS2S212055 | WGS2S216055 | WGS2S220055 |
| 60                | WGS2S206060 | WGS2S208060 | WGS2S210060 | WGS2S212060 | WGS2S216060 | WGS2S220060 |
| 70                |             | WGS2S208070 | WGS2S210070 | WGS2S212070 | WGS2S216070 | WGS2S220070 |
| 80                |             | WGS2S208080 | WGS2S210080 | WGS2S212080 | WGS2S216080 | WGS2S220080 |
| 90                |             |             |             | WGS2S212090 | WGS2S216090 | WGS2S220090 |
| 100               |             |             |             |             | WGS2S216100 | WGS2S220100 |

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