



Royal Industrial Suppliers

Quality Fasteners Specialist

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An ISO 9001:2015 Certified Co



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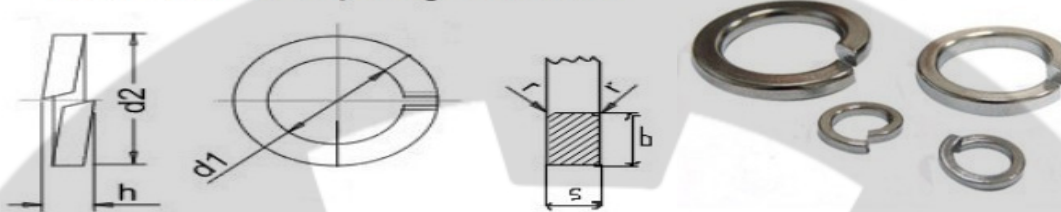
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SPRING WASHER FLAT
DIN 127-B

CATALOGUE NUMBER: **T1G45F**

ASTM Ti – Gr 2

DIN 127 B Spring Washer



Chemical Composition (wt%)

| Classification | ASTM | Material | N | C | H | Fe | O | Ti |
|----------------|---------|-------------|--------|--------|---------|--------|--------|-----|
| PURE TITANIUM | GRADE 2 | Ti – Grade2 | ≤ 0.03 | ≤ 0.08 | ≤ 0.015 | ≤ 0.30 | ≤ 0.25 | Bal |

Send your Orders / Enquiries along with the following Item Codes

All Dimensions are in MM

| Nominal Size Bolt Size ↓ | PART NO. | Inside Dia d1 | | Outside Dia | Height h | | Width b | | Thickness s | |
|-----------------------------|-------------|---------------|-------|-------------|----------|-------|---------|-------|-------------|------|
| | | Min | Max | d2 Max | Min | Max | Min | Max | Min | Max |
| M2 | T1G45F02000 | 2.10 | 2.40 | 4.40 | 1.00 | 1.20 | 0.80 | 1.00 | 0.40 | 0.60 |
| M2.2 | T1G45F20200 | 2.30 | 2.60 | 4.80 | 1.20 | 1.20 | 0.90 | 1.10 | 0.50 | 0.70 |
| M2.5 | T1G45F20500 | 2.60 | 2.90 | 5.10 | 1.20 | 1.40 | 0.90 | 1.10 | 0.50 | 0.70 |
| M3 | T1G45F03000 | 3.10 | 3.40 | 6.20 | 1.60 | 1.90 | 1.20 | 1.40 | 0.70 | 0.90 |
| M3.5 | T1G45F30500 | 3.60 | 3.90 | 6.70 | 1.60 | 1.90 | 1.20 | 1.40 | 0.70 | 0.90 |
| M4 | T1G45F04000 | 4.10 | 4.40 | 7.60 | 1.80 | 2.10 | 1.40 | 1.60 | 0.80 | 1.00 |
| M5 | T1G45F05000 | 5.10 | 5.40 | 9.20 | 2.40 | 2.80 | 1.70 | 1.90 | 1.10 | 1.30 |
| M6 | T1G45F06000 | 6.10 | 6.50 | 11.80 | 3.20 | 3.80 | 2.35 | 2.65 | 1.50 | 1.70 |
| M7 | T1G45F07000 | | 7.50 | | | 4.20 | 2.35 | 2.65 | 1.50 | 1.70 |
| M8 | T1G45F08000 | 8.10 | 8.50 | 14.80 | 4.00 | 4.70 | 2.85 | 3.15 | 1.90 | 2.10 |
| M10 | T1G45F10000 | 10.20 | 10.70 | 18.10 | 4.40 | 5.20 | 3.30 | 3.70 | 2.05 | 2.35 |
| M12 | T1G45F12000 | 12.20 | 12.70 | 21.10 | 5.00 | 5.90 | 3.80 | 4.20 | 2.35 | 2.65 |
| M14 | T1G45F14000 | 14.20 | 14.70 | 24.10 | 6.00 | 7.10 | 4.30 | 4.70 | 2.85 | 3.15 |
| M16 | T1G45F16000 | 16.20 | 17.00 | 27.40 | 7.00 | 8.30 | 4.80 | 5.20 | 3.30 | 3.70 |
| M18 | T1G45F18000 | 18.20 | 19.00 | 29.40 | 7.00 | 8.30 | 4.80 | 5.20 | 3.30 | 3.70 |
| M20 | T1G45F20000 | 20.20 | 21.20 | 33.60 | 8.00 | 9.40 | 5.80 | 6.20 | 3.80 | 4.20 |
| M22 | T1G45F22000 | 22.50 | 23.50 | 35.90 | 8.00 | 9.40 | 5.80 | 6.20 | 3.80 | 4.20 |
| M24 | T1G45F24000 | 24.50 | 25.50 | 40.00 | 10.00 | 11.80 | 6.75 | 7.25 | 4.80 | 5.20 |
| M27 | T1G45F27000 | 27.50 | 28.50 | 43.00 | 10.00 | 11.80 | 6.75 | 7.25 | 4.80 | 5.20 |
| M30 | T1G45F30000 | 30.50 | 31.70 | 48.20 | 12.00 | 14.20 | 7.75 | 8.25 | 5.80 | 6.20 |
| M33 | T1G45F33000 | 33.50 | 34.70 | 55.20 | 12.00 | 14.20 | 9.75 | 10.25 | 5.80 | 6.20 |
| M36 | T1G45F36000 | 36.50 | 37.70 | 58.20 | 12.00 | 14.20 | 9.75 | 10.25 | 5.80 | 6.20 |
| M39 | T1G45F39000 | 39.50 | 40.70 | 61.20 | 12.00 | 14.20 | 9.75 | 10.25 | 5.80 | 6.20 |
| M42 | T1G45F42000 | 42.50 | 43.70 | 68.20 | 14.00 | 16.50 | 11.75 | 12.25 | 6.75 | 7.25 |
| M45 | T1G45F45000 | 45.50 | 47.00 | 71.20 | 14.00 | 16.50 | 11.75 | 12.25 | 6.75 | 7.25 |
| M48 | T1G45F48000 | 49.00 | 50.50 | 75.00 | 14.00 | 16.50 | 11.75 | 12.25 | 6.75 | 7.25 |