

JX STAMPING FASTENERS SERIES

JX-Q400B Small Flat washers



| Thread Nominal D | P/N | | | d ₁ | | | d ₂ | | | h | | |
|------------------|----------------------|----------------------|----------------------|---------------------|-------|------|----------------|-----|-------|---------|------|------|
| | Carbon Steel | Stainless steel | Brass | Nominal | max | min | Nominal | max | min | Nominal | max | min |
| | 2 | JX-Q400B-D2.2-4.5-ST | JX-Q400B-D2.2-4.5-SS | JX-Q400B-D2.2-4.5-B | 2.2 | 2.34 | 2.2 | 4.5 | 4.5 | 4.2 | 0.3 | 0.35 |
| 3 | JX-Q400B-D3.2-6-ST | JX-Q400B-D3.2-6-SS | JX-Q400B-D3.2-6-B | 3.2 | 3.38 | 3.2 | 6 | 6 | 5.7 | 0.5 | 0.55 | 0.45 |
| 4 | JX-Q400B-D4.3-8-ST | JX-Q400B-D4.3-8-SS | JX-Q400B-D4.3-8-B | 4.3 | 4.48 | 4.3 | 8 | 8 | 7.64 | 0.5 | 0.55 | 0.45 |
| 5 | JX-Q400B-D5.3-9-ST | JX-Q400B-D5.3-9-SS | JX-Q400B-D5.3-9-B | 5.3 | 5.48 | 5.3 | 9 | 9 | 8.64 | 1 | 1.1 | 0.9 |
| 6 | JX-Q400B-D6.4-11-ST | JX-Q400B-D6.4-11-SS | JX-Q400B-D6.4-11-B | 6.4 | 6.62 | 6.4 | 11 | 11 | 10.57 | 1.6 | 1.8 | 1.4 |
| 8 | JX-Q400B-D8.4-15-ST | JX-Q400B-D8.4-15-SS | JX-Q400B-D8.4-15-B | 8.4 | 8.62 | 8.4 | 15 | 15 | 14.57 | 1.6 | 1.8 | 1.4 |
| 10 | JX-Q400B-D10.5-18-ST | JX-Q400B-D10.5-18-SS | JX-Q400B-D10.5-18-B | 10.5 | 10.77 | 10.5 | 18 | 18 | 17.57 | 1.6 | 1.8 | 1.4 |
| 12 | JX-Q400B-D13-20-ST | JX-Q400B-D13-20-SS | JX-Q400B-D13-20-B | 13 | 13.27 | 13 | 20 | 20 | 19.48 | 2 | 2.2 | 1.8 |
| 14 | JX-Q400B-D15-24-ST | JX-Q400B-D15-24-SS | JX-Q400B-D15-24-B | 15 | 15.27 | 15 | 24 | 24 | 23.48 | 2.5 | 2.7 | 2.3 |
| 16 | JX-Q400B-D17-28-ST | JX-Q400B-D17-28-SS | JX-Q400B-D17-28-B | 17 | 17.27 | 17 | 28 | 28 | 27.48 | 2.5 | 2.7 | 2.3 |
| 20 | JX-Q400B-D21-34-ST | JX-Q400B-D21-34-SS | JX-Q400B-D21-34-B | 21 | 21.33 | 21 | 34 | 34 | 33.38 | 3 | 3.3 | 2.7 |
| 24 | JX-Q400B-D25-39-ST | JX-Q400B-D25-39-SS | JX-Q400B-D25-39-B | 25 | 25.33 | 25 | 39 | 39 | 38.38 | 4 | 4.3 | 3.7 |
| 30 | JX-Q400B-D31-50-ST | JX-Q400B-D31-50-SS | JX-Q400B-D31-50-B | 31 | 31.33 | 31 | 50 | 50 | 49.38 | 4 | 4.3 | 3.7 |

JX-Q401B Flat washer



| Thread Size D | P/N | | | d ₁ | | | d ₂ | | | h | | |
|---------------|----------------------|----------------------|---------------------|-------------------|-------|------|----------------|-----|------|---------|------|------|
| | Carbon Steel | Stainless steel | Brass | Nominal | max | min | Nominal | max | min | Nominal | max | min |
| | 2 | JX-Q401B-D2.2-5-ST | JX-Q401B-D2.2-5-SS | JX-Q401B-D2.2-5-B | 2.2 | 2.34 | 2.2 | 5 | 5 | 4.7 | 0.3 | 0.35 |
| 3 | JX-Q401B-D3.2-7-ST | JX-Q401B-D3.2-7-SS | JX-Q401B-D3.2-7-B | 3.2 | 3.38 | 3.2 | 7 | 7 | 6.64 | 0.5 | 0.55 | 0.45 |
| 4 | JX-Q401B-D4.3-9-ST | JX-Q401B-D4.3-9-SS | JX-Q401B-D4.3-9-B | 4.3 | 4.48 | 4.3 | 9 | 9 | 8.64 | 0.8 | 0.9 | 0.7 |
| 5 | JX-Q401B-D5.5-10-ST | JX-Q401B-D5.5-10-SS | JX-Q401B-D5.5-10-B | 5.5 | 5.8 | 5.5 | 10 | 10 | 9.1 | 1 | 1.2 | 0.8 |
| 6 | JX-Q401B-D6.6-12-ST | JX-Q401B-D6.6-12-SS | JX-Q401B-D6.6-12-B | 6.6 | 6.96 | 6.6 | 12 | 12 | 10.9 | 1.6 | 1.9 | 1.3 |
| 8 | JX-Q401B-D9-16-ST | JX-Q401B-D9-16-SS | JX-Q401B-D9-16-B | 9 | 9.36 | 9 | 16 | 16 | 14.9 | 1.6 | 1.9 | 1.3 |
| 10 | JX-Q401B-D11-20-ST | JX-Q401B-D11-20-SS | JX-Q401B-D11-20-B | 11 | 11.43 | 11 | 20 | 20 | 18.7 | 2 | 2.3 | 1.7 |
| 12 | JX-Q401B-D13.5-24-ST | JX-Q401B-D13.5-24-SS | JX-Q401B-D13.5-24-B | 13.5 | 13.93 | 13.5 | 24 | 24 | 22.7 | 2.5 | 2.8 | 2.2 |
| 14 | JX-Q401B-D15.5-28-ST | JX-Q401B-D15.5-28-SS | JX-Q401B-D15.5-28-B | 15.5 | 15.93 | 15.5 | 28 | 28 | 26.7 | 2.5 | 2.8 | 2.2 |
| 16 | JX-Q401B-D17.5-30-ST | JX-Q401B-D17.5-30-SS | JX-Q401B-D17.5-30-B | 17.5 | 17.93 | 17.5 | 30 | 30 | 28.7 | 3 | 3.6 | 2.4 |
| (18)* | JX-Q401B-D20-34-ST | JX-Q401B-D20-34-SS | JX-Q401B-D20-34-B | 20.5 | 20.52 | 20.5 | 34 | 34 | 33.4 | 3 | 3.6 | 2.4 |
| 20 | JX-Q401B-D22-37-ST | JX-Q401B-D22-37-SS | JX-Q401B-D22-37-B | 22 | 22.52 | 22 | 37 | 37 | 35.4 | 3 | 3.6 | 2.4 |
| (22)* | JX-Q401B-D24-39-ST | JX-Q401B-D24-39-SS | JX-Q401B-D24-39-B | 24 | 24.52 | 24 | 39 | 39 | 37.4 | 3 | 3.6 | 2.4 |
| 24 | JX-Q401B-D26-44-ST | JX-Q401B-D26-44-SS | JX-Q401B-D26-44-B | 26 | 26.52 | 26 | 44 | 44 | 42.4 | 4 | 4.6 | 3.4 |
| (27)* | JX-Q401B-D30-50-ST | JX-Q401B-D30-50-SS | JX-Q401B-D30-50-B | 30 | 30.52 | 30 | 50 | 50 | 48.4 | 4 | 4.6 | 3.4 |
| 30 | JX-Q401B-D33-56-ST | JX-Q401B-D33-56-SS | JX-Q401B-D33-56-B | 33 | 33.62 | 33 | 56 | 56 | 54.1 | 4 | 4.6 | 3.4 |
| 36 | JX-Q401B-D39-66-ST | JX-Q401B-D39-66-SS | JX-Q401B-D39-66-B | 39 | 40 | 39 | 66 | 66 | 64.1 | 5 | 6 | 4 |

Remark: 1) Try to avoid the specifications of the brackets;
 2) * Automotive industry increased specifications.

JX STAMPING FASTENERS SERIES

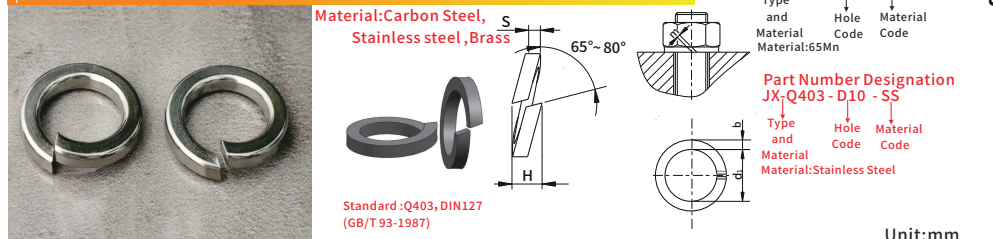
JX-Q402B Large plain washers



| Thread Size D | P/N | | | d ₁ | | | d ₂ | | | h | | |
|---------------|----------------------|----------------------|---------------------|-------------------|-------|------|----------------|-----|-------|---------|-----|-----|
| | Carbon Steel | Stainless steel | Brass | Nominal | max | min | Nominal | max | min | Nominal | max | min |
| | 3 | JX-Q402B-D3.2-9-ST | JX-Q402B-D3.2-9-SS | JX-Q402B-D3.2-9-B | 3.2 | 3.38 | 3.2 | 9 | 9 | 8.64 | 0.8 | 0.9 |
| 4 | JX-Q402B-D4.3-12-ST | JX-Q402B-D4.3-12-SS | JX-Q402B-D4.3-12-B | 4.3 | 4.48 | 4.3 | 12 | 12 | 11.57 | 1 | 1.1 | 0.9 |
| 5 | JX-Q402B-D5.3-15-ST | JX-Q402B-D5.3-15-SS | JX-Q402B-D5.3-15-B | 5.3 | 5.48 | 5.3 | 15 | 15 | 14.57 | 1.2 | 1.4 | 1 |
| 6 | JX-Q402B-D6.4-18-ST | JX-Q402B-D6.4-18-SS | JX-Q402B-D6.4-18-B | 6.4 | 6.62 | 6.4 | 18 | 18 | 17.57 | 1.6 | 1.8 | 1.4 |
| 8 | JX-Q402B-D8.4-24-ST | JX-Q402B-D8.4-24-SS | JX-Q402B-D8.4-24-B | 8.4 | 8.62 | 8.4 | 24 | 24 | 23.48 | 2 | 2.2 | 1.8 |
| 10 | JX-Q402B-D10.5-30-ST | JX-Q402B-D10.5-30-SS | JX-Q402B-D10.5-30-B | 10.5 | 10.77 | 10.5 | 30 | 30 | 29.48 | 2.5 | 2.7 | 2.3 |
| 12 | JX-Q402B-D13-37-ST | JX-Q402B-D13-37-SS | JX-Q402B-D13-37-B | 13 | 13.27 | 13 | 37 | 37 | 36.38 | 3 | 3.3 | 2.7 |
| 14 | JX-Q402B-D15-44-ST | JX-Q402B-D15-44-SS | JX-Q402B-D15-44-B | 15 | 15.27 | 15 | 44 | 44 | 43.38 | 3 | 3.3 | 2.7 |
| 16 | JX-Q402B-D17-50-ST | JX-Q402B-D17-50-SS | JX-Q402B-D17-50-B | 17 | 17.27 | 17 | 50 | 50 | 49.38 | 3 | 3.3 | 2.7 |
| (18)* | JX-Q402B-D20-56-ST | JX-Q402B-D20-56-SS | JX-Q402B-D20-56-B | 20 | 20.52 | 20 | 56 | 56 | 54.1 | 4 | 4.6 | 3.4 |
| 20 | JX-Q402B-D22-60-ST | JX-Q402B-D22-60-SS | JX-Q402B-D22-60-B | 22 | 22.52 | 22 | 60 | 60 | 58.1 | 4 | 4.6 | 3.4 |
| (22)* | JX-Q402B-D24-66-ST | JX-Q402B-D24-66-SS | JX-Q402B-D24-66-B | 24 | 24.52 | 24 | 66 | 66 | 64.1 | 5 | 6 | 4 |
| 24 | JX-Q402B-D26-72-ST | JX-Q402B-D26-72-SS | JX-Q402B-D26-72-B | 26 | 26.84 | 26 | 72 | 72 | 70.1 | 5 | 6 | 4 |
| (27)* | JX-Q402B-D30-85-ST | JX-Q402B-D30-85-SS | JX-Q402B-D30-85-B | 30 | 31.3 | 30 | 85 | 85 | 82.8 | 6 | 7 | 5 |
| 30 | JX-Q402B-D33-92-ST | JX-Q402B-D33-92-SS | JX-Q402B-D33-92-B | 33 | 34 | 33 | 92 | 92 | 89.8 | 6 | 7 | 5 |
| 36 | JX-Q402B-D39-110-ST | JX-Q402B-D39-110-SS | JX-Q402B-D39-110-B | 39 | 40 | 39 | 110 | 110 | 107.8 | 8 | 9.2 | 6.8 |

注(Remark): 1) 原可能不采用括号内的规格(Try to avoid the specifications of the brackets);
 2) *为汽车行业增加的规格(* Automotive industry increased specifications).

JX-Q403 Spring washers



| Thread Size D | P/N | | | d ₁ | | S(b) | | | H | | m |
|---------------|------------------|-----------------|---------------|----------------|-------|---------|------|------|------|-------|------|
| | 65Mn | Stainless steel | Brass | Max | Min | Nominal | Max | Min | Min | Max | |
| | 2 | JX-Q403-D2-65Mn | JX-Q403-D2-SS | JX-Q403-D2-B | 2.35 | 2.34 | 0.5 | 0.58 | 0.42 | 1 | |
| 3 | JX-Q403-D3-65Mn | JX-Q403-D3-SS | JX-Q403-D3-B | 3.4 | 3.38 | 0.8 | 0.9 | 0.7 | 1.6 | 2 | 0.4 |
| 4 | JX-Q403-D4-65Mn | JX-Q403-D4-SS | JX-Q403-D4-B | 4.4 | 4.48 | 1.1 | 1.2 | 1 | 2.2 | 2.75 | 0.55 |
| 5 | JX-Q403-D5-65Mn | JX-Q403-D5-SS | JX-Q403-D5-B | 5.4 | 5.8 | 1.3 | 1.4 | 1.2 | 2.6 | 3.25 | 0.65 |
| 6 | JX-Q403-D6-65Mn | JX-Q403-D6-SS | JX-Q403-D6-B | 6.68 | 6.96 | 1.6 | 1.7 | 1.5 | 3.2 | 4 | 0.8 |
| 8 | JX-Q403-D8-65Mn | JX-Q403-D8-SS | JX-Q403-D8-B | 8.68 | 9.36 | 2.1 | 2.2 | 2 | 4.2 | 5.25 | 1.05 |
| 10 | JX-Q403-D10-65Mn | JX-Q403-D10-SS | JX-Q403-D10-B | 10.9 | 11.43 | 2.6 | 2.75 | 2.45 | 5.2 | 6.5 | 1.3 |
| 12 | JX-Q403-D12-65Mn | JX-Q403-D12-SS | JX-Q403-D12-B | 12.9 | 13.93 | 3.1 | 3.25 | 2.95 | 6.2 | 7.75 | 1.55 |
| (14) | JX-Q403-D14-65Mn | JX-Q403-D14-SS | JX-Q403-D14-B | 14.9 | 15.93 | 3.6 | 3.8 | 3.4 | 7.2 | 9 | 1.8 |
| 16 | JX-Q403-D16-65Mn | JX-Q403-D16-SS | JX-Q403-D16-B | 16.9 | 17.93 | 4.1 | 4.3 | 3.9 | 8.2 | 10.25 | 2.05 |
| (18) | JX-Q403-D18-65Mn | JX-Q403-D18-SS | JX-Q403-D18-B | 19.04 | 20.52 | 4.5 | 4.7 | 4.3 | 9 | 11.25 | 2.25 |
| 20 | JX-Q403-D20-65Mn | JX-Q403-D20-SS | JX-Q403-D20-B | 21.04 | 22.52 | 5 | 5.2 | 4.8 | 10 | 12.5 | 2.5 |
| (22) | JX-Q403-D22-65Mn | JX-Q403-D22-SS | JX-Q403-D22-B | 23.34 | 24.52 | 5.5 | 5.7 | 5.3 | 11 | 13.75 | 2.75 |
| 24 | JX-Q403-D24-65Mn | JX-Q403-D24-SS | JX-Q403-D24-B | 25.5 | 26.52 | 6 | 6.2 | 5.8 | 12 | 15 | 3 |
| (27) | JX-Q403-D27-65Mn | JX-Q403-D27-SS | JX-Q403-D27-B | 28.5 | 30.52 | 6.8 | 7.1 | 6.5 | 13.6 | 17 | 3.4 |
| 30 | JX-Q403-D30-65Mn | JX-Q403-D30-SS | JX-Q403-D30-B | 31.5 | 33.62 | 7.0 | 7.8 | 7.2 | 15 | 18.75 | 3.75 |

Remark: 1) Try to avoid the specifications of the brackets); 2) m>=0.