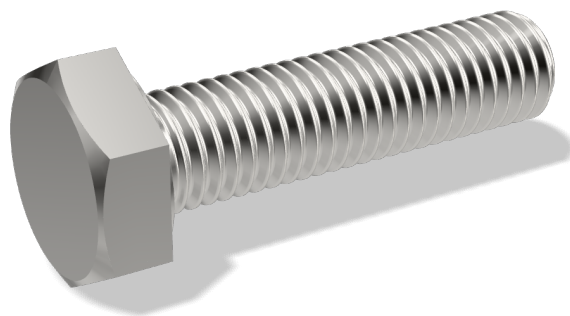


## Hex Head Screw DIN 933 / ISO 4017 - Stainless steel A4, Plain

Hex Head Screw to DIN 933 / ISO 4017, in the sizes, grades and finishes listed.



### TECHNICAL DATA

#### General

|          |                    |
|----------|--------------------|
| Standard | DIN 933 / ISO 4017 |
|----------|--------------------|

#### Dimensions

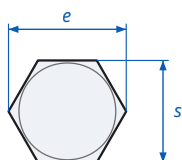
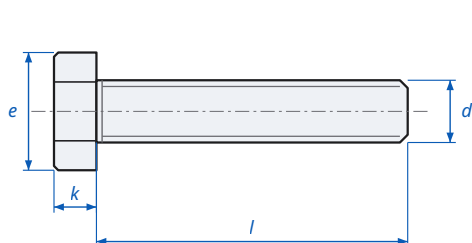
|             |                   |
|-------------|-------------------|
| Thread form | Metric ISO thread |
|-------------|-------------------|

#### Materials & Finish

|           |         |
|-----------|---------|
| Head type | Hexagon |
|-----------|---------|

|                        |                  |
|------------------------|------------------|
| Drive type             | External hexagon |
| Property class / grade | A4 stainless     |
| Material               | Stainless steel  |
| Surface finish         | Plain            |

### DIMENSIONS



**d** Thread diameter

**l** Length

**k** Head height

**s** Width across flats (WAF)

**e** Width across corners

Hex Head Screw DIN 933 / ISO 4017 - dimensions

### AVAILABLE PART NUMBERS

| Part number   | Size (d) | Length (l) | Thread pitch | Width across flats (s) | Width across corners (e) | Head height (k) | Weight    |
|---------------|----------|------------|--------------|------------------------|--------------------------|-----------------|-----------|
| FBH01A4P27050 | M27      | 50 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 391.587 g |
| FBH01A4P27055 | M27      | 55 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 411.131 g |
| FBH01A4P27060 | M27      | 60 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 430.664 g |
| FBH01A4P27065 | M27      | 65 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 450.207 g |
| FBH01A4P27070 | M27      | 70 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 469.741 g |
| FBH01A4P27075 | M27      | 75 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 489.274 g |
| FBH01A4P27080 | M27      | 80 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 508.818 g |



| Part number   | Size (d) | Length (l) | Thread pitch | Width across flats (s) | Width across corners (e) | Head height (k) | Weight    |
|---------------|----------|------------|--------------|------------------------|--------------------------|-----------------|-----------|
| FBH01A4P27085 | M27      | 85 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 528.351 g |
| FBH01A4P27090 | M27      | 90 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 547.895 g |
| FBH01A4P27095 | M27      | 95 mm      | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 567.428 g |
| FBH01A4P27100 | M27      | 100 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 586.962 g |
| FBH01A4P27110 | M27      | 110 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 626.038 g |
| FBH01A4P27120 | M27      | 120 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 665.115 g |
| FBH01A4P27130 | M27      | 130 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 704.192 g |
| FBH01A4P27140 | M27      | 140 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 743.269 g |
| FBH01A4P27150 | M27      | 150 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 782.336 g |
| FBH01A4P27160 | M27      | 160 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 821.413 g |
| FBH01A4P27170 | M27      | 170 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 860.49 g  |
| FBH01A4P27180 | M27      | 180 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 899.567 g |
| FBH01A4P27190 | M27      | 190 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 938.633 g |
| FBH01A4P27200 | M27      | 200 mm     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm           | 977.71 g  |
| FBH01A4P30025 | M30      | 25 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 379.76 g  |
| FBH01A4P30040 | M30      | 40 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 452.48 g  |
| FBH01A4P30050 | M30      | 50 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 500.96 g  |
| FBH01A4P30060 | M30      | 60 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 548.43 g  |
| FBH01A4P30065 | M30      | 65 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 571.66 g  |
| FBH01A4P30070 | M30      | 70 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 595.9 g   |
| FBH01A4P30075 | M30      | 75 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 620.14 g  |
| FBH01A4P30080 | M30      | 80 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 643.37 g  |
| FBH01A4P30085 | M30      | 85 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 667.61 g  |
| FBH01A4P30090 | M30      | 90 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 691.85 g  |
| FBH01A4P30095 | M30      | 95 mm      | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 715.08 g  |
| FBH01A4P30100 | M30      | 100 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 739.32 g  |
| FBH01A4P30110 | M30      | 110 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 786.79 g  |
| FBH01A4P30120 | M30      | 120 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 835.27 g  |
| FBH01A4P30130 | M30      | 130 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 882.74 g  |
| FBH01A4P30140 | M30      | 140 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 930.21 g  |
| FBH01A4P30150 | M30      | 150 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 978.69 g  |
| FBH01A4P30160 | M30      | 160 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 1020.1 g  |
| FBH01A4P30170 | M30      | 170 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 1070.6 g  |
| FBH01A4P30180 | M30      | 180 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 1121.1 g  |
| FBH01A4P30190 | M30      | 190 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 1171.6 g  |
| FBH01A4P30200 | M30      | 200 mm     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 18.7 mm         | 1222.1 g  |
| FBH01A4P33070 | M33      | 70 mm      | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 771.973 g |



| Part number   | Size (d) | Length (l) | Thread pitch | Width across flats (s) | Width across corners (e) | Head height (k) | Weight     |
|---------------|----------|------------|--------------|------------------------|--------------------------|-----------------|------------|
| FBH01A4P33075 | M33      | 75 mm      | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 801.364 g  |
| FBH01A4P33080 | M33      | 80 mm      | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 830.755 g  |
| FBH01A4P33085 | M33      | 85 mm      | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 860.146 g  |
| FBH01A4P33090 | M33      | 90 mm      | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 889.547 g  |
| FBH01A4P33095 | M33      | 95 mm      | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 918.938 g  |
| FBH01A4P33100 | M33      | 100 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 948.329 g  |
| FBH01A4P33110 | M33      | 110 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1007.111 g |
| FBH01A4P33120 | M33      | 120 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1065.893 g |
| FBH01A4P33130 | M33      | 130 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1124.686 g |
| FBH01A4P33140 | M33      | 140 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1183.467 g |
| FBH01A4P33150 | M33      | 150 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1242.25 g  |
| FBH01A4P33160 | M33      | 160 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1301.032 g |
| FBH01A4P33170 | M33      | 170 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1359.824 g |
| FBH01A4P33180 | M33      | 180 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1418.606 g |
| FBH01A4P33190 | M33      | 190 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1477.388 g |
| FBH01A4P33200 | M33      | 200 mm     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 21 mm           | 1536.18 g  |
| FBH01A4P36055 | M36      | 55 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 825.17 g   |
| FBH01A4P36060 | M36      | 60 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 859.51 g   |
| FBH01A4P36070 | M36      | 70 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 919.1 g    |
| FBH01A4P36080 | M36      | 80 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 999.9 g    |
| FBH01A4P36085 | M36      | 85 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1030.2 g   |
| FBH01A4P36090 | M36      | 90 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1070.6 g   |
| FBH01A4P36095 | M36      | 95 mm      | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1111 g     |
| FBH01A4P36100 | M36      | 100 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1151.4 g   |
| FBH01A4P36110 | M36      | 110 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1212 g     |
| FBH01A4P36120 | M36      | 120 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1272.6 g   |
| FBH01A4P36130 | M36      | 130 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1343.3 g   |
| FBH01A4P36140 | M36      | 140 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1414 g     |
| FBH01A4P36150 | M36      | 150 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1484.7 g   |
| FBH01A4P36160 | M36      | 160 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1555.4 g   |
| FBH01A4P36170 | M36      | 170 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1626.1 g   |
| FBH01A4P36180 | M36      | 180 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1696.8 g   |
| FBH01A4P36190 | M36      | 190 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1757.4 g   |
| FBH01A4P36200 | M36      | 200 mm     | 4 mm         | 55 mm                  | 60.79 mm                 | 22.5 mm         | 1828.1 g   |
| FBH01A4P39070 | M39      | 70 mm      | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1195.507 g |
| FBH01A4P39080 | M39      | 80 mm      | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1278.014 g |
| FBH01A4P39090 | M39      | 90 mm      | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1360.52 g  |



| Part number   | Size (d) | Length (l) | Thread pitch | Width across flats (s) | Width across corners (e) | Head height (k) | Weight     |
|---------------|----------|------------|--------------|------------------------|--------------------------|-----------------|------------|
| FBH01A4P39100 | M39      | 100 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1443.017 g |
| FBH01A4P39110 | M39      | 110 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1525.524 g |
| FBH01A4P39120 | M39      | 120 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1608.031 g |
| FBH01A4P39130 | M39      | 130 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1690.538 g |
| FBH01A4P39140 | M39      | 140 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1773.045 g |
| FBH01A4P39150 | M39      | 150 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1855.552 g |
| FBH01A4P39160 | M39      | 160 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 1938.059 g |
| FBH01A4P39170 | M39      | 170 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 2020.566 g |
| FBH01A4P39180 | M39      | 180 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 2103.062 g |
| FBH01A4P39190 | M39      | 190 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 2185.569 g |
| FBH01A4P39200 | M39      | 200 mm     | 4 mm         | 60 mm                  | 66.44 mm                 | 25 mm           | 2268.076 g |
| FBH01A4P42100 | M42      | 100 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 1705.042 g |
| FBH01A4P42110 | M42      | 110 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 1800.113 g |
| FBH01A4P42120 | M42      | 120 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 1895.194 g |
| FBH01A4P42130 | M42      | 130 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 1990.276 g |
| FBH01A4P42140 | M42      | 140 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2085.347 g |
| FBH01A4P42150 | M42      | 150 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2180.428 g |
| FBH01A4P42160 | M42      | 160 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2275.51 g  |
| FBH01A4P42170 | M42      | 170 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2370.581 g |
| FBH01A4P42180 | M42      | 180 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2465.662 g |
| FBH01A4P42190 | M42      | 190 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2560.734 g |
| FBH01A4P42200 | M42      | 200 mm     | 4.5 mm       | 65 mm                  | 71.3 mm                  | 26 mm           | 2655.815 g |
| FBH01A4P45110 | M45      | 110 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2154.663 g |
| FBH01A4P45120 | M45      | 120 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2264.905 g |
| FBH01A4P45130 | M45      | 130 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2375.136 g |
| FBH01A4P45140 | M45      | 140 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2485.378 g |
| FBH01A4P45150 | M45      | 150 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2595.619 g |
| FBH01A4P45160 | M45      | 160 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2705.851 g |
| FBH01A4P45170 | M45      | 170 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2816.092 g |
| FBH01A4P45180 | M45      | 180 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 2926.323 g |
| FBH01A4P45190 | M45      | 190 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 3036.565 g |
| FBH01A4P45200 | M45      | 200 mm     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 28 mm           | 3146.807 g |
| FBH01A4P48120 | M48      | 120 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 2595.7 g   |
| FBH01A4P48130 | M48      | 130 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 2716.9 g   |
| FBH01A4P48140 | M48      | 140 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 2848.2 g   |
| FBH01A4P48150 | M48      | 150 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 2969.4 g   |
| FBH01A4P48160 | M48      | 160 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 3090.6 g   |



| Part number   | Size (d) | Length (l) | Thread pitch | Width across flats (s) | Width across corners (e) | Head height (k) | Weight     |
|---------------|----------|------------|--------------|------------------------|--------------------------|-----------------|------------|
| FBH01A4P48170 | M48      | 170 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 3211.8 g   |
| FBH01A4P48180 | M48      | 180 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 3343.1 g   |
| FBH01A4P48190 | M48      | 190 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 3464.3 g   |
| FBH01A4P48200 | M48      | 200 mm     | 5 mm         | 75 mm                  | 82.6 mm                  | 30 mm           | 3595.6 g   |
| FBH01A4P52130 | M52      | 130 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 3374.016 g |
| FBH01A4P52140 | M52      | 140 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 3522.011 g |
| FBH01A4P52150 | M52      | 150 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 3669.997 g |
| FBH01A4P52160 | M52      | 160 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 3817.982 g |
| FBH01A4P52170 | M52      | 170 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 3965.977 g |
| FBH01A4P52180 | M52      | 180 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 4113.962 g |
| FBH01A4P52190 | M52      | 190 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 4261.958 g |
| FBH01A4P52200 | M52      | 200 mm     | 5 mm         | 80 mm                  | 88.25 mm                 | 33 mm           | 4409.943 g |

Part numbers: 130

## STANDARDS & CERTIFICATES

### Standards

**DIN 933** – Hex Head Screw

**ISO 4017** – Hex Head Screw

