

# Keilscheiben/Keilmuttern/Vierkantmuttern/Vierkantscheiben

**Vierkantkeilscheiben**

| Ausführung | Werkstoff                                    | Oberflächenbehandlung |
|------------|--|-----------------------|
| ZTQ        | EN 1.0038 äquiv. glanzverchromt (III-wertig) | -                     |
| ZTQM       | EN 1.1191 äquiv. Galvanisch verzinkt         | -                     |

RoHS10

**Keilmuttern**

ZTN

RoHS10

M Material: EN 1.0038 äquiv.  
S Oberflächenbehandlung: STKM glanzverchromt (III-wertig)

| Teilenummer    | Winkel | d  | D   | Winkel 3° |     | Winkel 5° |     | Winkel 8° |    | ZTQ        |               | ZTQM       |               |
|----------------|--------|----|-----|-----------|-----|-----------|-----|-----------|----|------------|---------------|------------|---------------|
|                |        |    |     | t1        | t2  | t1        | t2  | t1        | t2 | Stückpreis | Mengen-Rabatt | Stückpreis | Mengen-Rabatt |
| Ausführung Nr. | 6      | 7  | 16  | 1.2       | 2   | 1.6       | 3   | 1.7       | 4  | 1-49 Stk.  | 50 - 200 Stk. | 1-49 Stk.  | 50 - 100 Stk. |
|                | 8      | 9  | 18  | 1.1       | 1.4 | 1.4       | 1.7 | 1.7       | 4  |            |               |            |               |
|                | 10     | 11 | 22  | 1.8       | 3   | 2         | 4   | 1.9       | 5  |            |               |            |               |
|                | 12     | 14 | 26  | 1.6       | 3   | 1.7       | 4   | 2.3       | 6  |            |               |            |               |
|                | 16     | 18 | 32  | 3.3       | 5   | 3.2       | 6   | 3.5       | 8  |            |               |            |               |
|                | 20     | 21 | 40  | 2.9       | 5   | 2.5       | 6   | 3.4       | 9  |            |               |            |               |
| 24             | 27     | 52 | 3.3 | 6         | 3.5 | 8         | 3.7 | 11        |    |            |               |            |               |

| Teilenummer    | Winkel | D  | Winkel 3° |      | Winkel 5° |      | Winkel 8° |      | d  | Stückpreis | Mengen-Rabatt |
|----------------|--------|----|-----------|------|-----------|------|-----------|------|----|------------|---------------|
|                |        |    | t1        | t2   | t1        | t2   | t1        | t2   |    |            |               |
| Ausführung Nr. | 6      | 16 | 5         | 5.8  | 5         | 6.4  | 5         | 7.2  | 7  | 1-49 Stk.  | 50 - 100 Stk. |
|                | 8      | 18 | 6.5       | 7.4  | 6.5       | 8.1  | 6.5       | 9    | 9  |            |               |
|                | 10     | 22 | 8         | 9.2  | 8         | 9.9  | 8         | 11.1 | 11 |            |               |
|                | 12     | 26 | 10        | 11.3 | 10        | 12.2 | 10        | 13.5 | 13 |            |               |
|                | 16     | 32 | 13        | 14.7 | 13        | 15.8 | 13        | 17.5 | 17 |            |               |

Ordering Example: Teilenummer - a  
ZTQ6 - 5

**Nutensteine, Nuten-scheiben 2 Bohrungen**

| Muttern | Unterlegscheiben | Werkstoff                      | Oberflächenbehandlung |
|---------|------------------|--------------------------------|-----------------------|
| FK2T    | FK2W             | EN 1.1191 (kaltgezogen) äquiv. | -                     |
| FK2TB   | FK2WB            | EN 1.1191 (kaltgezogen) äquiv. | Schwarz brüniert      |
| FK2TS   | FK2WS            | EN 1.4301 äquiv.               | -                     |

RoHS10

| Teilenummer   | Ausführung | B   | A   | P | M | T | Mengen-Rabatt |          |            |              |
|---------------|------------|-----|-----|---|---|---|---------------|----------|------------|--------------|
|               |            |     |     |   |   |   | Stückpreis    | 1-4 Stk. | 5 - 9 Stk. | 10 - 49 Stk. |
| Muttern FK2TS | 10         | 25  | 15  | 2 | 3 |   |               |          |            |              |
|               |            | 30  | 20  | 3 | 3 |   |               |          |            |              |
|               |            | 35  | 25  | 3 | 3 |   |               |          |            |              |
|               |            | 50  | 40  | 3 | 3 |   |               |          |            |              |
|               |            | 30  | 15  | 6 | 6 |   |               |          |            |              |
|               |            | 40  | 20  | 6 | 6 |   |               |          |            |              |
|               | 16         | 50  | 30  | 6 | 6 |   |               |          |            |              |
|               |            | 60  | 40  | 6 | 6 |   |               |          |            |              |
|               |            | 120 | 100 | 6 | 6 |   |               |          |            |              |

Ordering Example: Teilenummer - A - P  
FK2TS10 - A25 - P15

**Nutensteine**

NSQ

RoHS10

M Material: EN 1.0038 äquiv. S Oberflächenbehandlung: STKM glanzverchromt (III-wertig)

| Teilenummer | Ausführung | M (Regelgewinde) | L    | B   | T | Stückpreis |               | Mengen-Rabatt |
|-------------|------------|------------------|------|-----|---|------------|---------------|---------------|
|             |            |                  |      |     |   | 1-49 Stk.  | 50 - 500 Stk. |               |
| NSQ         | 4          | 7                | 7    | 3.2 |   |            |               |               |
|             | 5          | 8                | 8    | 4   |   |            |               |               |
|             | 6          | 16               | 10   | 4.5 |   |            |               |               |
|             | 8          | 42               | 15.5 | 6   |   |            |               |               |

Ordering Example: Teilenummer NSQ8

Bei noch größeren Bestellmengen Preis bitte gesondert anfragen.

**Nutensteine, Nuten-scheiben - Maß, konfigurierbar, 1 Bohrung**

| Ausführung | Werkstoff                      | Oberflächenbehandlung |
|------------|--------------------------------|-----------------------|
| FKT        | EN 1.1191 (kaltgezogen) äquiv. | -                     |
| FKTB       | EN 1.1191 (kaltgezogen) äquiv. | Schwarz brüniert      |
| FKTS       | EN 1.4301 äquiv.               | -                     |

RoHS10

| Teilenummer | Ausführung | B     | 1mm-Schritte    | 0.5mm-Schritte | M (Regelgewinde) | T | Stückpreis |      |      |
|-------------|------------|-------|-----------------|----------------|------------------|---|------------|------|------|
|             |            |       |                 |                |                  |   | FKT        | FKTB | FKTS |
| Muttern     | 16         | 16-50 | M/2+2sP≤A-M/2-2 | 6              | 6                |   |            |      |      |
|             | 22         |       |                 |                |                  |   |            |      |      |
|             | 25         |       |                 |                |                  |   |            |      |      |
|             | 38         |       |                 |                |                  |   |            |      |      |

| Teilenummer      | Ausführung | B     | 1mm-Schritte    | 0.5mm-Schritte | d auswählen | Stückpreis |      |      |
|------------------|------------|-------|-----------------|----------------|-------------|------------|------|------|
|                  |            |       |                 |                |             | FKW        | FKWB | FKWS |
| Unterlegscheiben | 16         | 16-50 | D/2+2sP≤A-D/2-2 | 7              | 9           |            |      |      |
|                  | 22         |       |                 |                |             |            |      |      |
|                  | 25         |       |                 |                |             |            |      |      |
|                  | 38         |       |                 |                |             |            |      |      |

| Teilenummer                | Ausführung | B      | 1mm-Schritte |    | M (Regelgewinde) | T                  | Teilenummer | 1mm-Schritte |           | d auswählen | T  |    |   |
|----------------------------|------------|--------|--------------|----|------------------|--------------------|-------------|--------------|-----------|-------------|----|----|---|
|                            |            |        | A            | P  |                  |                    |             | B            | P         |             |    |    |   |
| Muttern FK2TS              | 6          | 30-200 | 2M≤P≤A-2M    | 3  | 2                | FK2WS              | 6           | 30-200       | 2D≤P≤A-2D | 4           | 2  |    |   |
|                            | 10         |        |              | 3  | 3                |                    | 4           |              |           | 6           | 3  |    |   |
| Muttern FK2T, FK2TB, FK2TS | 16         | 30-200 | 2M≤P≤A-2M    | 6  | 6                | FK2W, FK2WB, FK2WS | 16          | 30-200       | 2D≤P≤A-2D | 7           | 9  | 6  |   |
|                            | 22         |        |              | 8  | 6                |                    | 7           |              |           | 9           | 6  |    |   |
|                            | 25         |        |              | 10 | 9                |                    | 7           |              |           | 9           | 11 | 14 | 6 |
|                            | 38         |        |              | 12 | 10               |                    | 7           |              |           | 9           | 11 | 14 | 6 |

| B  | Teilenummer | Stückpreis |         |          |          | B  | Teilenummer | Stückpreis |         |          |          |
|----|-------------|------------|---------|----------|----------|----|-------------|------------|---------|----------|----------|
|    |             | A30-50     | A51-100 | A101-150 | A151-200 |    |             | A30-50     | A51-100 | A101-150 | A151-200 |
| 6  | FK2TS       |            |         |          |          | 6  | FK2WS       |            |         |          |          |
| 10 | FK2TS       |            |         |          |          | 10 | FK2WS       |            |         |          |          |
| 16 | FK2TB       |            |         |          |          | 16 | FK2W        |            |         |          |          |
|    | FK2TS       |            |         |          |          |    | FK2WB       |            |         |          |          |
| 22 | FK2T        |            |         |          |          | 22 | FK2W        |            |         |          |          |
|    | FK2TS       |            |         |          |          |    | FK2WB       |            |         |          |          |
| 25 | FK2T        |            |         |          |          | 25 | FK2W        |            |         |          |          |
|    | FK2TS       |            |         |          |          |    | FK2WB       |            |         |          |          |
| 38 | FK2T        |            |         |          |          | 38 | FK2W        |            |         |          |          |
|    | FK2TS       |            |         |          |          |    | FK2WB       |            |         |          |          |

Ordering Example: Teilenummer - A - P - D  
FK2T16 - A40 - P25  
FK2WS25 - A50 - P20 - D7

Ordering Example: Teilenummer - A - P - D  
FKW16 - A20 - P10 - D7