

# КОМПЛЕКТУЮЩИЕ

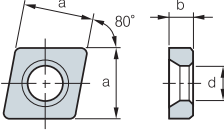
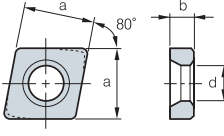
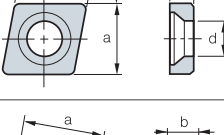
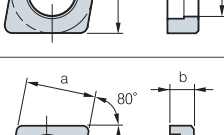
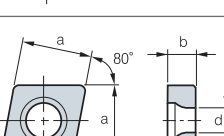
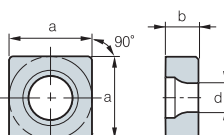
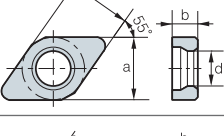
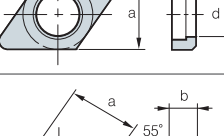
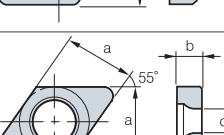


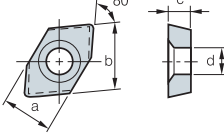
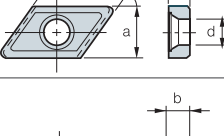
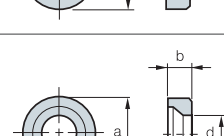
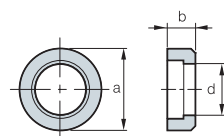
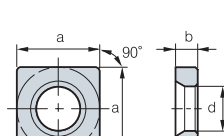
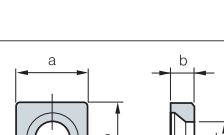
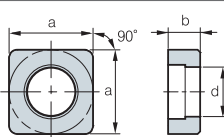
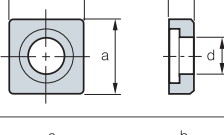
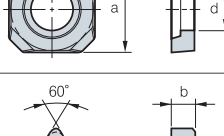
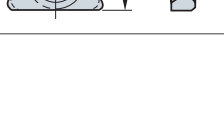
# Н

**Запасные части**

|            |                       |
|------------|-----------------------|
| <b>H02</b> | Опорные пластины      |
| <b>H03</b> | Кассеты               |
| <b>H03</b> | Накладные стружколомы |
| <b>H03</b> | Протекторы            |
| <b>H03</b> | Кронштейны            |
| <b>H04</b> | Винты охлаждения      |
| <b>H04</b> | Пружинные шайбы       |
| <b>H04</b> | Рычаги                |
| <b>H05</b> | Кассеты               |
| <b>H05</b> | Гайки                 |
| <b>H05</b> | Штифты                |
| <b>H05</b> | Винты                 |
| <b>H06</b> | Втулки                |
| <b>H07</b> | Пружины               |
| <b>H07</b> | Ключи                 |
| <b>H07</b> | Фиксаторы             |
| <b>H07</b> | Шайбы-гровер          |
| <b>H07</b> | Стопоры               |
| <b>H07</b> | Насадки               |

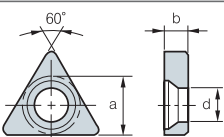
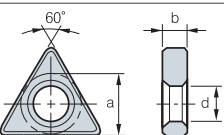
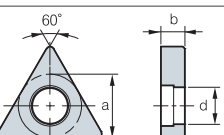
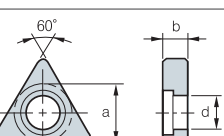
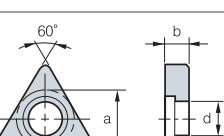
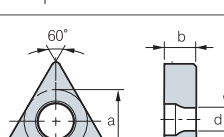
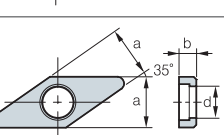
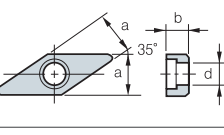
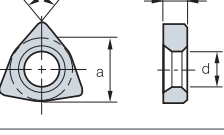
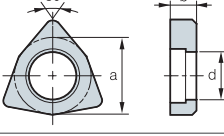
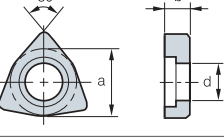
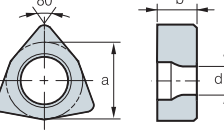
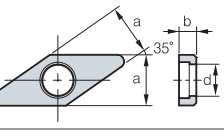
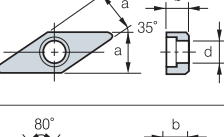
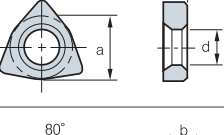
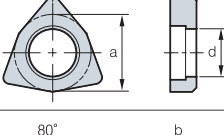
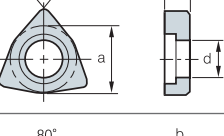
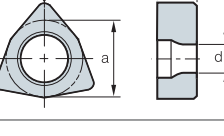
## Опорные пластины

| Геометрия                                                                           | Обозначение | Размеры (мм) |      |   |       |      |
|-------------------------------------------------------------------------------------|-------------|--------------|------|---|-------|------|
|                                                                                     |             | a            | b    | c | d     | угол |
|    | SC32        | 8.5          | 3.18 |   | 4.9   |      |
|                                                                                     | SC32N       | 8.5          | 3.18 |   | 4.88  |      |
|                                                                                     | SC42        | 12.5         | 3.18 |   | 6.9   |      |
|                                                                                     | SC42N       | 11.6         | 3.18 |   | 6.5   |      |
|                                                                                     | SC53        | 15.7         | 4.76 |   | 7.9   |      |
|                                                                                     | SC53N       | 14.6         | 4.76 |   | 8.11  |      |
|                                                                                     | SC63        | 18.85        | 4.76 |   | 10    |      |
|                                                                                     | SC63N       | 17.8         | 4.76 |   | 9.6   |      |
|                                                                                     | SC83        | 24.4         | 4.76 |   | 12.8  |      |
|                                                                                     | SC84N       | 24.2         | 6.35 |   | 13    |      |
|    | SC42B       | 12.5         | 3.18 |   | 6.9   |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
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|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|    | SC42CC      | 12.5         | 3.18 |   | 3.5   |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
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|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|   | SC32D       | 9.27         | 3.18 |   | 6.48  |      |
|                                                                                     | SC43D       | 12.45        | 4.76 |   | 7.34  |      |
|                                                                                     | SC53D       | 15.62        | 4.76 |   | 9.65  |      |
|                                                                                     | SC63D       | 18.8         | 4.76 |   | 11.25 |      |
|                                                                                     | SC84D       | 25.08        | 6.35 |   | 14.85 |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|  | SC42S       | 11.5         | 3.18 |   | 6.4   |      |
|                                                                                     | SC32S       | 8.3          | 3.18 |   | 5.4   |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
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|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|  | SC63V       | 18.35        | 4.76 |   | 5.5   |      |
|                                                                                     | SC83V       | 25.3         | 4.76 |   | 6.55  |      |
|                                                                                     | SC84V       | 25.3         | 6.35 |   | 6.35  |      |
|                                                                                     | SC32V       | 9.12         | 3.18 |   | 3.4   |      |
|                                                                                     | SC42V       | 12.6         | 3.18 |   | 4.5   |      |
|                                                                                     | SC44V       | 12.6         | 6.35 |   | 4.5   |      |
|                                                                                     | SC54V       | 15.75        | 6.35 |   | 5.5   |      |
|                                                                                     | SS32V       | 9.12         | 3.18 |   | 3.4   |      |
|                                                                                     | SS42V       | 12.6         | 3.18 |   | 4.5   |      |
|                                                                                     | SS54V       | 15.75        | 6.35 |   | 5.5   |      |
|  | SS64V       | 18.9         | 6.35 |   | 5.5   |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
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|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|  | SD317       | 9.35         | 2.7  |   | 5.2   |      |
|                                                                                     | SD32N       | 8.5          | 3.18 |   | 4.88  |      |
|                                                                                     | SD42        | 12.5         | 3.18 |   | 6.9   |      |
|                                                                                     | SD42N       | 11.6         | 3.18 |   | 6.5   |      |
|                                                                                     | SD43N       | 11.6         | 4.75 |   | 6.5   |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|  | SD32D       | 9.2          | 3.18 |   | 5.8   |      |
|                                                                                     | SD43D       | 12.45        | 4.76 |   | 7.34  |      |
|                                                                                     |             |              |      |   |       |      |
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|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|  | SD32S       | 8.5          | 3.18 |   | 5.4   |      |
|                                                                                     | SD42S       | 11.5         | 3.18 |   | 6.4   |      |
|                                                                                     |             |              |      |   |       |      |
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|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
|  | SD32V       | 9.12         | 3.18 |   | 3.4   |      |
|                                                                                     | SD43V       | 12.6         | 4.76 |   | 4.5   |      |
|                                                                                     | SD44V       | 12.6         | 6.35 |   | 4.5   |      |
|                                                                                     |             |              |      |   |       |      |
|                                                                                     |             |              |      |   |       |      |
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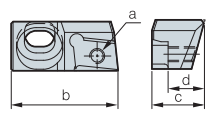
| Геометрия                                                                            | Обозначение | Размеры (мм) |      |      |       |      |
|--------------------------------------------------------------------------------------|-------------|--------------|------|------|-------|------|
|                                                                                      |             | a            | b    | c    | d     | угол |
|    | SES33C      | 9.1          | 12   | 4.76 | 3.5   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
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|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|    | SK33C       | 9.33         | 14.7 | 4.8  | 3.5   |      |
|                                                                                      | SK33CL      | 9.33         | 14.7 | 4.8  | 3.5   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
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|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|    | SR10        | 8.4          | 3.18 |      | 4.7   |      |
|                                                                                      | SR12        | 10           | 3.18 |      | 4.7   |      |
|                                                                                      | SR16        | 13.55        | 4.76 |      | 6.9   |      |
|                                                                                      | SR20        | 17.1         | 4.85 |      | 7.9   |      |
|                                                                                      | SR25        | 22           | 6.35 |      | 9.6   |      |
|                                                                                      | SR32        | 27.8         | 6.35 |      | 13    |      |
|                                                                                      | SR42CC      | 12.575       | 3.18 |      | 3.5   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|   | SR10S       | 8.8          | 3.18 |      | 5.4   |      |
|                                                                                      | SR12S       | 10.55        | 3.18 |      | 5.4   |      |
|                                                                                      |             |              |      |      |       |      |
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|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|  | SS32        | 8.5          | 3.18 |      | 4.9   |      |
|                                                                                      | SS32N       | 8.5          | 3.18 |      | 4.88  |      |
|                                                                                      | SS42        | 12.5         | 3.18 |      | 6.9   |      |
|                                                                                      | SS42B       | 12.5         | 3.18 |      | 6.9   |      |
|                                                                                      | SS42N       | 11.6         | 3.18 |      | 6.5   |      |
|                                                                                      | SS53        | 15.7         | 4.76 |      | 7.9   |      |
|                                                                                      | SS53N       | 14.6         | 4.76 |      | 8.11  |      |
|                                                                                      | SS63        | 18.85        | 4.76 |      | 10    |      |
|                                                                                      | SS63N       | 17.8         | 4.76 |      | 9.6   |      |
|                                                                                      | SS84        | 24.4         | 6.35 |      | 12.8  |      |
|  | SS84N       | 24.2         | 6.35 |      | 13    |      |
|                                                                                      | SS42CC      | 12.5         | 3.18 |      | 3.5   |      |
|                                                                                      | SS32CC      | 9.3          | 3.18 |      | 3.5   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
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|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|  | SS32D       | 9.27         | 3.18 |      | 5.77  |      |
|                                                                                      | SS43D       | 12.45        | 4.76 |      | 7.34  |      |
|                                                                                      | SS53D       | 15.62        | 4.76 |      | 9.65  |      |
|                                                                                      | SS63D       | 18.8         | 4.76 |      | 11.25 |      |
|                                                                                      | SS84D       | 25.15        | 6.35 |      | 14.43 |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|  | SS32S       | 8.3          | 3.18 |      | 5.4   |      |
|                                                                                      | SS42S       | 11.5         | 3.18 |      | 6.4   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|  | SS42SAF     | 11.2         | 3    |      | 5.5   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|  | ST317       | 9.35         | 2.7  |      | 5     |      |
|                                                                                      | ST317B      | 9.35         | 2.7  |      | 5     |      |
|                                                                                      | ST317N      | 8.5          | 2.7  |      | 4.88  |      |
|                                                                                      | ST42        | 12.5         | 3.18 |      | 6.9   |      |
|                                                                                      | ST42N       | 11.6         | 3.18 |      | 6.5   |      |
|                                                                                      | ST53        | 15.7         | 4.76 |      | 7.9   |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |
|                                                                                      |             |              |      |      |       |      |



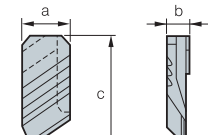
## Опорные пластины

| Геометрия                                                                           | Обозначение | Размеры (мм) |      |   |       |      |
|-------------------------------------------------------------------------------------|-------------|--------------|------|---|-------|------|
|                                                                                     |             | a            | b    | c | d     | угол |
|    | ST32CC      | 9.35         | 3.18 |   | 3.5   |      |
|    | ST32C1      | 9.13         | 3.18 |   | 4.95  |      |
|    | ST42C1      | 12.3         | 3.18 |   | 4.95  |      |
|    | ST32D       | 9.35         | 3.18 |   | 5.77  |      |
|   | ST43D       | 12.52        | 4.76 |   | 7.34  |      |
|  | ST53D       | 15.7         | 4.76 |   | 9.65  |      |
|  | ST63D       | 18.87        | 4.76 |   | 11.25 |      |
|  | ST32M       | 8.7          | 3.18 |   | 4.7   |      |
|  | ST43M       | 12.5         | 4.76 |   | 6.3   |      |
|  | ST32S       | 8.5          | 3.18 |   | 5.4   |      |
|  | ST32V       | 9.12         | 3.18 |   | 3.4   |      |
|  | ST44V       | 12.6         | 6.35 |   | 4.5   |      |
|  | SV32D       | 9.2          | 3.18 |   | 5.8   |      |
|  | SV43D       | 12.29        | 4.76 |   | 7.34  |      |
|  | SV32D2      | 9.2          | 3.18 |   | 5.8   |      |
|  | SV32S       | 8.4          | 3.18 |   | 5.4   |      |
|  | SW317       | 9.35         | 2.7  |   | 5     |      |
|  | SW317N      | 8.5          | 2.7  |   | 4.88  |      |
|  | SW42        | 12.5         | 3.18 |   | 6.9   |      |
|  | SW42N       | 11.6         | 3.18 |   | 6.5   |      |
|  | SW32D       | 9.25         | 3.18 |   | 5.8   |      |
|  | SW43D       | 12.45        | 4.76 |   | 7.34  |      |
|  | SW53D       | 15.62        | 4.76 |   | 9.65  |      |
|  | SW63D       | 18.8         | 4.76 |   | 11.25 |      |
|  | SW84D       | 24.89        | 6.35 |   | 14.43 |      |
|  | SW43M       | 12.5         | 4.76 |   | 6.2   |      |
|  | SW32M       | 8.52         | 3.18 |   | 5.2   |      |
|  | SW32V       | 9.12         | 3.18 |   | 3.4   |      |
|  | SW44V       | 12.6         | 6.35 |   | 4.5   |      |
|  | SW54V       | 15.75        | 4.76 |   | 5.5   |      |

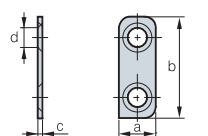
## Кассеты

| Геометрия                                                                          | Обозначение | Размеры (мм) |    |    |    |      |
|------------------------------------------------------------------------------------|-------------|--------------|----|----|----|------|
|                                                                                    |             | a            | b  | c  | d  | угол |
|  | LAPDR-AJ    | M4x0.7       | 30 | 15 | 10 |      |

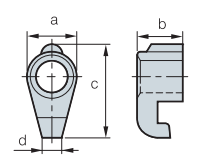
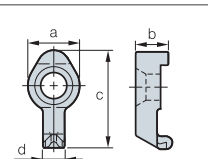
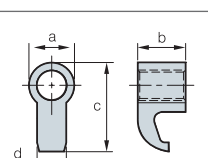
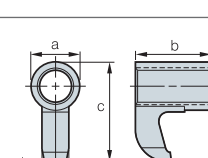
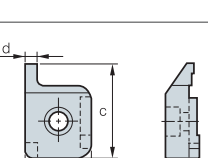
## Накладные стружколомы

| Геометрия                                                                          | Обозначение | Размеры (мм) |     |    |   |      |
|------------------------------------------------------------------------------------|-------------|--------------|-----|----|---|------|
|                                                                                    |             | a            | b   | c  | d | угол |
|  | CB20        | 8.5          | 3.4 | 20 |   |      |

## Протекторы

| Геометрия                                                                           | Обозначение  | Размеры (мм) |    |   |        |      |
|-------------------------------------------------------------------------------------|--------------|--------------|----|---|--------|------|
|                                                                                     |              | a            | b  | c | d      | угол |
|  | CFMP3R14R1-A | 10.5         | 20 | 1 | (Ø4.3) |      |
|                                                                                     | CFMP3R-A     | 8            | 18 | 1 | (Ø4.3) |      |
|                                                                                     | CFMP4R-A     | 8            | 22 | 1 | (Ø4.3) |      |

## Кронштейн

| Геометрия                                                                            | Обозначение | Размеры (мм) |      |       |      |      |
|--------------------------------------------------------------------------------------|-------------|--------------|------|-------|------|------|
|                                                                                      |             | a            | b    | c     | d    | угол |
|  | CA05R       | 8.9          | 5.5  | 17.6  | 3.3  |      |
|                                                                                      | CA06R       | 12           | 7.2  | 20.6  | 5.3  |      |
|                                                                                      | CH5R3       | 7.85         | 7.2  | 14.8  | 3.1  |      |
|                                                                                      | CH6R4       | 12.02        | 9    | 23.97 | 3.75 |      |
|  | CBH4.5R1    | 8            | 5.74 | 17.7  | 4    |      |
|                                                                                      | CBH4.5R2    | 9.5          | 6.4  | 18    | 4    |      |
|                                                                                      | CBH5R1      | 10           | 7.8  | 21.3  | 5    |      |
|                                                                                      | CBH6R1      | 12           | 9.3  | 26    | 6    |      |
|  | CDH6N       | 9.5          | 10   | 18.6  | 6.1  |      |
|                                                                                      | CDH7N       | 7.9          | 11.4 | 14.7  | 4.7  |      |
|                                                                                      | CDH8N       | 10.9         | 16.9 | 22.4  | 6.1  |      |
|                                                                                      | CDH8N1      | 10.9         | 16.9 | 19.1  | 6.1  |      |
|                                                                                      | CDH8N2      | 10.9         | 16.9 | 25.4  | 6.1  |      |
|                                                                                      | CDH8N3      | 12.5         | 19.8 | 25.4  | 9.2  |      |
|  | CDS8N       | 10.8         | 17   | 22.2  | 5    |      |
|  | CGH5R1      | 19.5         | 9.5  | 28.8  | 2.5  |      |
|                                                                                      | CGH5R2      | 20.5         | 9.5  | 28.8  | 3.5  |      |
|                                                                                      | CGH5R3      | 22.5         | 9.5  | 28.8  | 5.5  |      |

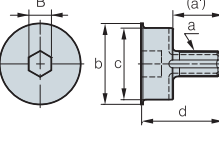
## Кронштейны

| Геометрия | Обозначение | Размеры (мм) |      |       |       |      |
|-----------|-------------|--------------|------|-------|-------|------|
|           |             | a            | b    | c     | d     | угол |
|           | CGH6R1      | 22.3         | 11.9 | 23.2  | 2.5   |      |
|           | CGH6R2      | 23.2         | 11.9 | 23.2  | 3.4   |      |
|           | CGH6R3      | 24.0         | 11.9 | 23.2  | 4.2   |      |
|           | CHH3.5R1    | 7.5          | 6.7  | 13    | 2.45  |      |
|           | CHH4.5R1    | 7.9          | 7.85 | 14.1  | 2.54  |      |
|           | CHH5.5R1    | 9.8          | 10   | 16.4  | 4     |      |
|           | CH4R1       | 7.4          | 5    | 14.1  | 3.1   |      |
|           | CH5R1       | 10.0         | 6.6  | 20.2  | 4.5   |      |
|           | CH5R2       | 6.85         | 7    | 13.8  | 2     |      |
|           | CH6R2       | 8.85         | 8.7  | 16.5  | 2     |      |
|           | CH6R3       | 11.8         | 10   | 23    | 4.2   |      |
|           | CMH5R1      | 18.5         | 7.9  | 16    | 6.26  |      |
|           | CMH6R2      | 20.0         | 11   | 17.5  | 13.8  |      |
|           | CMH6R6      | 18.5         | 7.9  | 16    | 6.26  |      |
|           | CMH6R1      | 24           | 8.5  | 16.5  | 8.28  |      |
|           | CMH6R3      | 20.0         | 11   | 17.51 |       |      |
|           | CMH6L3      | 20.0         | 11   | 17.51 |       |      |
|           | CS5R1       | 6.8          | 7    | 14.5  | 2     |      |
|           | CS6R1       | 8.8          | 8.5  | 18.1  | 2.7   |      |
|           | CS8R1       | 11.8         | 10   | 23    | 4.2   |      |
|           | CTH6L1      | 23.5         | 12   | 25.4  | 14.35 |      |
|           | CTH6R1      | 23.5         | 12   | 25.4  | 14.35 |      |
|           | CTH6R2      | 21.78        | 12.9 | 31.22 | 17.33 |      |
|           | CVH3        | 21           | 11   | 5.8   | 7.7   |      |
|           | CVH3V       | 29           | 14   | 7     | 8     |      |
|           | CVH4        | 25.5         | 14.5 | 6     | 7     |      |
|           | CVH5        | 30           | 17   | 7.5   | 9.5   |      |
|           | CVH6        | 33.5         | 18.5 | 8     | 10    |      |
|           | CXH8N       | 10.1         | 10.0 | 17.5  | -     |      |

## Винты охлаждения

| Геометрия | Обозначение   | Размеры (мм) |     |     |      |      |      |
|-----------|---------------|--------------|-----|-----|------|------|------|
|           |               | a            | b   | c   | d    | B(T) | α    |
|           | CBA063-3IN/MM | M10          | Ø25 | Ø16 | 37   | 8    | (27) |
|           | CBA063-4IN/MM | M10          | Ø25 | Ø16 | 42.5 | 8    | (27) |
|           | CBA080-IN/MM  | M12          | Ø28 | Ø18 | 45.5 | 10   | (32) |
|           | CBP063-IN/MM  | M10          | Ø22 | Ø16 | 38.6 | 8    | (27) |
|           | CBP080-IN/MM  | M12          | Ø25 | Ø18 | 48.6 | 10   | (32) |
|           |               |              |     |     |      |      |      |

## Винты охлаждения

| Геометрия                                                                          | Обозначение    | Размеры (мм) |     |     |      |      |      |
|------------------------------------------------------------------------------------|----------------|--------------|-----|-----|------|------|------|
|                                                                                    |                | a            | b   | c   | d    | B(T) | а    |
|  | CBA100-IN/MM   | M16          | Ø54 | Ø43 | 47   | 14   | (32) |
|                                                                                    | CBA100-IN-25.4 | M12          | Ø44 | Ø36 | 41.5 | 10   | (25) |
|                                                                                    | CBA125-IN      | M20          | Ø65 | Ø54 | 56   | 17   | (38) |
|                                                                                    | CBA125-IN-25.4 | M12          | Ø44 | Ø36 | 43.5 | 10   | (25) |
|                                                                                    | CBA125-MM      | M20          | Ø65 | Ø54 | 57   | 17   | (35) |
|                                                                                    | CBA160-IN      | M24          | Ø83 | Ø73 | 56   | 19   | (38) |
|                                                                                    | CBA160-MM      | M20          | Ø83 | Ø73 | 53   | 17   | (34) |
|                                                                                    | CBP100-IN      | M16          | Ø50 | Ø43 | 48.6 | 14   | (32) |
|                                                                                    | CBP100-IN-25.4 | M12          | Ø44 | Ø36 | 46.5 | 10   | (25) |
|                                                                                    | CBP100-MM-1    | M16          | Ø50 | Ø43 | 48.6 | 14   | (36) |
|                                                                                    | CBP125-IN      | M20          | Ø65 | Ø54 | 56   | 17   | (38) |
|                                                                                    | CBP125-IN-25.4 | M12          | Ø44 | Ø36 | 55   | 10   | (25) |
|                                                                                    | CBP125-MM      | M20          | Ø65 | Ø54 | 57   | 17   | (35) |
|                                                                                    | CBP125-MM-1    | M20          | Ø61 | Ø54 | 65.6 | 14   | (33) |
|                                                                                    | CBP160-IN      | M24          | Ø83 | Ø73 | 56   | 19   | (38) |
|                                                                                    | CBP160-MM      | M20          | Ø83 | Ø73 | 53   | 17   | (34) |

## Винты

| Геометрия | Обозначение | Размеры (мм) |    |    |    |            |
|-----------|-------------|--------------|----|----|----|------------|
|           |             | A            | C  | K  | L  | M          |
|           | SB0825      | 13           | 6  | 8  | 25 | M08 × 1.25 |
|           | SB1025      | 16           | 8  | 10 | 25 | M10 × 1.50 |
|           | SB1035      | 16           | 8  | 10 | 35 | M10 × 1.50 |
|           | SB1230      | 18           | 10 | 12 | 30 | M12 × 1.75 |
|           | SB1630      | 24           | 14 | 16 | 30 | M16 × 2.0  |
|           | SB1645      | 24           | 14 | 16 | 45 | M6 × 2.0   |
|           | SB2040      | 30           | 17 | 20 | 40 | M20 × 2.5  |
|           |             |              |    |    |    |            |
|           | CB1025      | 13           | 6  | 8  | 25 | M08×1.25   |
|           | CB1025      | 16           | 8  | 10 | 25 | M10×1.50   |
|           | CB1035      | 16           | 8  | 10 | 35 | M10×1.50   |
|           | CB1230      | 18           | 10 | 12 | 30 | M12×1.75   |
|           | CB1245      | 18           | 10 | 12 | 45 | M12×1.75   |
|           | CB1630      | 24           | 14 | 16 | 30 | M16×2.0    |
|           | CB1645      | 24           | 14 | 16 | 45 | M16×2.0    |
|           | CB2040      | 30           | 17 | 20 | 40 | M20×2.5    |

## Рычаги

| Геометрия | Обозначение | Размеры (мм) |       |       |      |
|-----------|-------------|--------------|-------|-------|------|
|           |             | a            | b     | c     | d    |
|           | LR10        | 3.4          | 10.8  | 11.7  | 3    |
|           | LR12        | 3.7          | 13.5  | 13.4  | 3.5  |
|           | LR16        | 4.75         | 18.7  | 18.3  | 4.3  |
|           | LR20        | 5.9          | 20.5  | 18.7  | 5.55 |
|           | LR25        | 7.35         | 24.25 | 23.7  | 6.2  |
|           | LR32        | 8.45         | 29.7  | 26.95 | 7.9  |
|           |             |              |       |       |      |
|           | LV2         | 2.6          | 7.75  | 6     | 2.1  |
|           | LV3B        | 3.1          | 10    | 9.5   | 3.7  |
|           | LV4B        | 4.7          | 14.55 | 15.6  | 4.7  |
|           | LV4BN       | 4.7          | 16    | 14.9  | 4.68 |
|           |             |              |       |       |      |
|           | LV3         | 3.7          | 10    | 12    | 3.6  |
|           | LV3N        | 3.75         | 10    | 12    | 3.55 |
|           | LV3AN       | 3.75         | 12.1  | 11.4  | 4.64 |
|           | LV3C        | 3.1          | 10    | 7.85  | 3.6  |
|           | LV3CN       | 3.2          | 10    | 7.8   | 3.6  |
|           | LV3DN       | 3.2          | 11.65 | 9.5   | 3.55 |
|           | LV4         | 4.7          | 14.55 | 14    | 4.7  |
|           | LV4N        | 4.7          | 13.45 | 13.2  | 4.68 |
|           | LV5         | 6            | 17.1  | 17    | 6    |
|           | LV5N        | 6            | 16.4  | 17.08 | 5.95 |
|           | LV5AN       | 6            | 18.82 | 17.3  | 5.95 |
|           | LV6N        | 7.5          | 20.5  | 21    | 7.6  |
|           | LV8N        | 8.6          | 25.5  | 25.4  | 8.6  |

## Рычаги

| Геометрия | Обозначение | Размеры (мм) |       |      |      |
|-----------|-------------|--------------|-------|------|------|
|           |             | a            | b     | c    | d    |
|           | LV4A        | 4.6          | 13.24 | 9.95 | 4.7  |
|           | LV4AN       | 4.7          | 13.3  | 10   | 4.68 |

## Кассеты

| Геометрия | Обозначение | Размеры (мм) |      |      |     |
|-----------|-------------|--------------|------|------|-----|
|           |             | a            | b    | c    | d   |
|           | LFMP3R-A    | M3.5         | 18.7 | 10.1 | 4.6 |
|           | LFMP4R1-A   | M4.5         | 24.3 | 13.8 | 6.2 |
|           | LFMP4R-A    | M4.5         | 26.3 | 13.8 | 6.2 |
|           | LFMA3R-A    | M3           | 18.5 | 9.5  | 4.8 |
|           | LFMA4R-A    | M3.5         | 26   | 13.1 | 7.3 |

## Гайки

| Геометрия | Обозначение | Размеры (мм) |     |     |   |      |   |
|-----------|-------------|--------------|-----|-----|---|------|---|
|           |             | a            | b   | c   | d | B(Т) | а |
|           | N0407       | M4 X 0.7     | 7.5 | 6   | 7 | 3    |   |
|           | N0508       | M5 X 0.8     | 8.3 | 6.6 | 7 | 3    |   |

## Штифты

| Геометрия | Обозначение | Размеры (мм) |     |      |
|-----------|-------------|--------------|-----|------|
|           |             | a            | b   | c    |
|           | PN0308      | 3.0          | 8   |      |
|           | PN0310      | 3.0          | 10  |      |
|           | PN0312      | 3.0          | 12  |      |
|           | PN0314      | 3.0          | 14  |      |
|           | PN0515      | 4.8          | 3.3 | 14.5 |

## Винты

| Геометрия | Обозначение   | Размеры (мм) |      |      |     |      |   |
|-----------|---------------|--------------|------|------|-----|------|---|
|           |               | a            | b    | c    | d   | B(Т) | а |
|           | AZ0508F       | M5 X 0.5     | 13   | 8    | 9   | Ø2   |   |
|           | AZ0514        | M5 X 0.8     | 14   | 7    | 9   | Ø2.5 |   |
|           | BHA0510       | M5 X 0.8     | 15   | 10   | 8.5 | 4.0  |   |
|           | BHA0512       | M5 X 0.8     | 17   | 12   | 8.5 | 4.0  |   |
|           | BHA0612       | M6 X 1.0     | 18   | 12   | 10  | 5.0  |   |
|           | BHA0614       | M6 X 1.0     | 20   | 14   | 10  | 5.0  |   |
|           | BHA0616       | M6 X 1.0     | 22   | 16   | 10  | 5    |   |
|           | BHA0619-NYLOK | M6 X 1.0     | 25   | 19   | 10  | 5    |   |
|           | CHX0407       | M4 X 0.7     | 9.5  | 7.36 | 5.7 | 2.5  |   |
|           | CHX0415       | M4 X 0.7     | 17.5 | 15   | 5.4 | 2.5  |   |
|           | CHX0510       | M5 X 0.8     | 13.1 | 10.1 | 7.7 | 3    |   |
|           | CHX0518       | M5 X 0.8     | 21.5 | 18   | 8   | 3    |   |
|           | CHX0622       | M6 X 1.0     | 26.5 | 22   | 10  | 4    |   |
|           | CHX0513       | M5 X 0.8     | 13   | 8    | 6.4 | 2.5  |   |
|           | CHX0616       | M6 X 1.0     | 16.2 | 10.1 | 8.5 | 3    |   |
|           | CHX0617L      | M6 X 1.0( )  | 17.2 | 10.1 | 8.5 | 3    |   |
|           | CHX0621       | M6 X 1.0     | 21   | 10.1 | 8.5 | 3    |   |

## Винты

| Геометрия | Обозначение | Размеры (мм) |      |      |      |      |   |
|-----------|-------------|--------------|------|------|------|------|---|
|           |             | a            | b    | c    | d    | B(Т) | а |
|           | CHX0625     | 1/4-20UNC    | 24.8 | 11   | 10   | 4    |   |
|           | CTX03510    | M3.5 X 0.6   | 10   | 4.7  | 5.3  | 15   |   |
|           | CTX04513    | M4.5 X 0.75  | 13.1 | 6.9  | 6.8  | 20   |   |
|           | CTX04513H   | M4.5 X 0.75  | 13.1 | 7.2  | 6.8  | 20   |   |
|           | CTX0515     | M5 X 0.8     | 15   | 8    | 7    | 20   |   |
|           | CTX0517     | M5 X 0.8     | 17.5 | 10   | 7    | 20   |   |
|           | CTX0621     | M6 X 1.0     | 21.2 | 12.4 | 9    | 25   |   |
|           | DHA0514     | M5 X 0.8     | 14.0 | 5.0  | 7.0  | 2.5  |   |
|           | DHA0617     | M6 X 1.0     | 17.0 | 7.0  | 7.5  | 3.0  |   |
|           | DHA0620     | M6 X 1.0     | 20.0 | 8.0  | 8.0  | 3.0  |   |
|           | DHA0624     | M6 X 1.0     | 24.0 | 12.0 | 8.5  | 3.0  |   |
|           | DHA0815     | M8 X 1.25    | 15.5 | 6.25 | 6.25 | 4.0  |   |
|           | DHA0818F    | M8 X 1.0     | 18   | 8.5  | 5.5  | 4.0  |   |
|           | DHA0820     | M8 X 1.25    | 20.0 | 8.0  | 9.0  | 4.0  |   |
|           | DHA0821F    | M8 X 1.0     | 21.0 | 8.5  | 8.5  | 4.0  |   |
|           | DHA0825     | M8 X 1.25    | 25.0 | 10.0 | 9.0  | 4.0  |   |
|           | DHA0830     | M8 X 1.25    | 30.0 | 11.5 | 11.5 | 4.0  |   |
|           | ETGA0520CBM | M5 X 0.8     | 20   | 6.5  | 20   | 43°  |   |
|           | ETGD0825    | M8 X 1.25    | 25.2 | 11.1 | 40   | 40°  |   |
|           | ETKA0523    | M5 X 0.8     | 23   | 7.6  | 20   | 43°  |   |
|           | ETKA0625    | M6 X 1.0     | 25.5 | 8.8  | 20   | 43°  |   |
|           | ETKD0516    | M5 X 0.8     | 16.4 | 6.8  | 20   | 40°  |   |
|           | ETKD0620    | M6 X 1.0     | 20   | 8.3  | 25   | 40°  |   |
|           | ETNA02506   | M2.5 X 0.45  | 5.7  | 3.4  | 7    | 43°  |   |
|           | ETNA0408    | M4 X 0.7     | 8.0  | 5.1  | 15   | 43°  |   |
|           | ETNA0412    | M4 X 0.7     | 12   | 5.1  | 15   | 43°  |   |
|           | ETNA0511    | M5 X 0.8     | 11.0 | 6.4  | 20   | 43°  |   |
|           | ETND02506F  | M2.5 X 0.35  | 6.25 | 3.1  | 7    | 40°  |   |
|           | ETND0307F   | M3 X 0.35    | 7.8  | 3.7  | 8    | 40°  |   |
|           | ETND03509   | M3.5 X 0.6   | 9.6  | 4.7  | 10   | 40°  |   |
|           | FTGA03507   | M3.5 X 0.6   | 7.0  | 5.3  | 15   | 60°  |   |
|           | FTGA03508   | M3.5 X 0.6   | 8.0  | 5.3  | 15   | 60°  |   |
|           | FTGA03510   | M3.5 X 0.6   | 10.0 | 5.3  | 15   | 60°  |   |
|           | FTGA03512   | M3.5 X 0.6   | 12.0 | 5.0  | 15   | 60°  |   |
|           | FTGA0411F   | M4 X 0.5     | 11.0 | 7.0  | 15   | 60°  |   |
|           | FTGA0417CBM | M4 X 0.7     | 17.0 | 5.5  | 15   | 62°  |   |
|           | FTGA0510-P  | M5 X 0.8     | 10.0 | 7.0  | 20   | 63°  |   |
|           | FTGA0512-P  | M5 X 0.8     | 12.0 | 7.0  | 20   | 63°  |   |
|           | FTGA0513    | M5 X 0.8     | 13.2 | 7.0  | 20   | 61°  |   |
|           | FTGA0513-P  | M5 X 0.8     | 13.0 | 7.0  | 20   | 63°  |   |
|           | FTGA0517    | M5 X 0.8     | 17.0 | 7.5  | 20   | 61°  |   |
|           | FTGA0621    | M6 X 1.0     | 21.5 | 9.0  | 20   | 61°  |   |
|           | FTGA0826    | M8 X 1.25    | 26.0 | 11.6 | 25   | 61°  |   |
|           | FTKA02206   | M2.2 X 0.45  | 5.5  | 3.0  | 6    | 60°  |   |
|           | FTKA02206S  | M2.2 X 0.45  | 5.6  | 3.05 | 7    | 60°  |   |
|           | FTKA02555   | M2.5 X 0.45  | 5.5  | 3.5  | 7    | 60°  |   |
|           | FTKA02565   | M2.5 X 0.45  | 6.5  | 3.5  | 7    | 60°  |   |
|           | FTKA02565S  | M2.5 X 0.45  | 6.5  | 3.8  | 8    | 60°  |   |
|           | FTKA0307    | M3 X 0.5     | 7.2  | 4.2  | 9    | 60°  |   |
|           | FTKA03508   | M3.5 X 0.6   | 8.4  | 5.5  | 15   | 60°  |   |
|           | FTKA03510   | M3.5 X 0.6   | 10.4 | 5.5  | 15   | 60°  |   |
|           | FTKA03511A  | M3.5 X 0.6   | 11.0 | 5.2  | 15   | 60°  |   |
|           | FTKA0408    | M4 X 0.7     | 8.4  | 5.5  | 15   | 60°  |   |
|           | FTKA0410    | M4 X 0.7     | 10.0 | 5.5  | 15   | 60°  |   |
|           | FTKA0411K   | M4 X 0.7     | 11.0 | 6.8  | 15   | 60°  |   |
|           | FTKA0412B   | M4 X 0.7     | 12.5 | 5.5  | 15   | 60°  |   |
|           | FTKA0413    | M4 X 0.7     | 13.0 | 5.5  | 15   | 60°  |   |
|           | FTNA01633   | M1.6 X 0.35  | 3.3  | 2.6  | 6    | 60°  |   |
|           | FTNA0203    | M2 X 0.4     | 3.0  | 2.7  | 6    | 60°  |   |
|           | FTNA02033   | M2 X 0.4     | 3.3  | 2.7  | 6    | 60°  |   |
|           | FTNA0204    | M2 X 0.4     | 4.3  | 2.7  | 6    | 60°  |   |
|           | FTNA02205   | M2.2 X 0.45  | 4.5  | 3.0  | 6    | 60°  |   |
|           | FTNA0238    | M2 X 0.4     | 3.8  | 3.0  | 6    | 60°  |   |
|           | FTNA0305    | M3 X 0.5     | 5.2  | 4.2  | 9    | 60°  |   |
|           | FTNA0306    | M3 X 0.5     | 6.2  | 4.2  | 9    | 60°  |   |
|           | FTNA0307    | M3 X 0.5     | 7.2  | 4.2  | 9    | 60°  |   |
|           | FTNA0408    | M4 X 0.7     | 8.5  | 5.5  | 15   | 60°  |   |
|           | FTNA0411    | M4 X 0.7     | 11.0 | 5.5  | 15   | 60°  |   |
|           | FTNA0511    | M5 X 0.8     | 11   | 7.0  | 20   | 63°  |   |
|           | FTNA0513    | M5 X 0.8     | 13.0 | 7.0  | 20   | 60°  |   |
|           | FTNA0516    | M5 X 0.8     | 16.0 | 7.0  | 20   | 60°  |   |



## Винты

| Геометрия | Обозначение | Размеры (мм) |      |      |      |      |     |
|-----------|-------------|--------------|------|------|------|------|-----|
|           |             | a            | b    | c    | d    | B(T) | α   |
|           | FTNB0411    | M4 X 0.7     | 10.8 | 5.7  | 15   | 60°  |     |
|           | FTNC04509   | M4.5 X 0.75  | 9.5  | 6.8  | 20   | 55°  |     |
|           | FTNC04511   | M4.5 X 0.75  | 11.5 | 6.8  | 20   | 55°  |     |
|           | FTNB0209    | 2 X 0.4      | 9    | 2.5  | 2.7  | 60°  |     |
|           | FTNB0209-P  | 2 X 0.4      | 9    | 2.5  | 2.7  | 60°  |     |
|           | FTNB02512   | 2.5 X 0.45   | 12   | 3.5  | 3.5  | 60°  |     |
|           | FTNB02512-P | 2.5 X 0.45   | 12   | 3.5  | 3.5  | 60°  |     |
|           | FTNB02514   | 2.5 X 0.45   | 14   | 3.5  | 3.5  | 60°  |     |
|           | FTNB02514-P | 2.5 X 0.45   | 14   | 3.5  | 3.5  | 60°  |     |
|           | FTNB0316    | 3 X 0.5      | 16   | 4.5  | 4.2  | 60°  |     |
|           | FTNB0316-P  | 3 X 0.5      | 16   | 4.5  | 4.2  | 60°  |     |
|           | FTNB0319    | 3 X 0.5      | 19   | 5    | 4.5  | 60°  |     |
|           | FTNB03522   | 3.5 X 0.6    | 22   | 5.6  | 5.5  | 60°  |     |
|           | FTNB03524   | 3.5 X 0.6    | 24   | 5.6  | 5.5  | 60°  |     |
|           | FTNB0426    | 4 X 0.7      | 26   | 6.7  | 5.5  | 60°  |     |
|           | FTNB0528    | 5 X 0.8      | 28   | 6.5  | 7    | 60°  |     |
|           | KHA0508     | M5 X 0.8     | 8    |      | 2.5  |      |     |
|           | KHA0510     | M5 X 0.8     | 10   |      | 2.5  |      |     |
|           | KHA0610     | M6 X 1.0     | 10   |      | 3    |      |     |
|           | KHA0612     | M6 X 1.0     | 12   |      | 3.0  |      |     |
|           | KHA0812     | M8 X 1.25    | 12   |      | 4.0  |      |     |
|           | KHA0815     | M8 X 1.25    | 15   |      | 4.0  |      |     |
|           | KHA1015     | M10 X 1.5    | 15   |      | 5.0  |      |     |
|           | KHA1020     | M10 X 1.5    | 20   |      | 5.0  |      |     |
|           | KHB0417     | M4 X 0.7     | 17.2 | 4.5  | 2.5  | 2    |     |
|           | KHB0406     | M4 X 0.7     | 6    | 4.2  | 3    | 2    |     |
|           | KHC0510     | M5 X 0.8     | 10   | 8.1  | 2.5  | 90°  |     |
|           | KHC0610     | M6 X 1.0     | 10   | 7.8  | 3.0  | 90°  |     |
|           | KHC0812     | M8 X 1.25    | 12   | 9    | 4.0  | 90°  |     |
|           | KHC1016     | M10 X 1.5    | 16   | 12.3 | 5.0  | 90°  |     |
|           | KHC1020     | M10 X 1.5    | 20   | 16.3 | 5.0  | 90°  |     |
|           | KHD0510     | M5 X 0.8     | 10   | 9    | 3    | 2.5  |     |
|           | KHD0610     | M6 X 1.0     | 10   | 10   | 4    | 3    |     |
|           | KHD0810     | M8 X 1.25    | 10   | 10   | 7.5  | 4    |     |
|           | LTX0512     | M5 X 0.8     | 15.1 | 12   | 7.3  | 20   |     |
|           | LTX0514     | M5 X 0.8     | 17.1 | 14   | 7.3  | 20   |     |
|           | MHA0512     | M5 X 0.8     | 17.0 | 10.8 | 8.0  | 4.0  |     |
|           | MHB0310     | M3 X 0.5     | 13.4 | 8.0  | 5.5  | 2.5  |     |
|           | MHB0410     | M4 X 0.7     | 14.0 | 8.0  | 7.0  | 3.0  |     |
|           | MHB1055     | M10 X 1.5    | 65   | 50   | 16   | 8    |     |
|           | MHB1260     | M12 X 1.75   | 72   | 55   | 18   | 10   |     |
|           | MHB1680     | M16 X 2.0    | 96   | 75   | 24   | 14   |     |
|           | MNX0523     | M5 X 0.8     | 23.5 | 9.7  | 10   | 2.5  |     |
|           | MNX0626     | M6 X 1.0     | 25.8 | 10   | 11   | 3    |     |
|           | MNX0630     | M6 X 1.0     | 30   | 12.5 | 10.5 | 4    |     |
|           | PTKA02508   | M2.5 X 0.45  | 8    | 5    | 3.8  | 8    | 92° |
|           | PTKA03510   | M3.5 X 0.6   | 10   | 5    | 5    | 15   | 92° |
|           | PTKA0407    | M4 X 0.7     | 7    | 4.6  | 5.5  | 15   | 86° |
|           | PTKA0407F   | M4 X 0.5     | 7.3  | 3.8  | 6.5  | 15   | 91° |
|           | PTKA0408    | M4 X 0.7     | 8    | 5.6  | 5.5  | 15   | 86° |
|           | PTKA0408F   | M4 X 0.5     | 8.3  | 5.7  | 6.5  | 15   | 91° |
|           | PTKA0409F   | M4 X 0.5     | 9.3  | 6.7  | 6.5  | 15   | 91° |
|           | PTKA0410F   | M4 X 0.5     | 10.3 | 7.7  | 6.5  | 15   | 91° |
|           | PTKA0411F   | M4 X 0.5     | 11.3 | 8.7  | 6.5  | 15   | 91° |
|           | PTKA0412    | M4 X 0.7     | 12   | 7.5  | 5.9  | 15   | 92° |
|           | PTKA0412F   | M4 X 0.5     | 12.3 | 9.7  | 6.5  | 15   | 91° |
|           | PTKA0413F   | M4 X 0.5     | 13.3 | 10.7 | 6.5  | 15   | 91° |
|           | PTKA0512    | M5 X 0.8     | 12   | 7    | 6.9  | 20   | 92° |
|           | PTMA03508   | M3.5 X 0.6   | 8    | 5.3  | 6    | 9    | 90° |
|           | PTMA0403F   | M4 X 0.5     | 3.3  | 1.7  | 6.5  | 15   | 91° |
|           | PTMA0404F   | M4 X 0.5     | 4.3  | 2.7  | 6.5  | 15   | 91° |
|           | PTMA0405F   | M4 X 0.5     | 5.3  | 3.7  | 6.5  | 15   | 91° |
|           | PTMA0406F   | M4 X 0.5     | 6.3  | 4.7  | 6.5  | 15   | 91° |
|           | PTMA0411    | M4 X 0.7     | 11   | 8.5  | 6.6  | 15   | 90° |

| Геометрия | Обозначение | Размеры (мм) |            |       |      |      |     |
|-----------|-------------|--------------|------------|-------|------|------|-----|
|           |             | a            | b          | c     | d    | B(T) | α   |
|           | FHGA0618    | M4 X 0.7     | 11         | 6.9   | 6    | 15   |     |
|           | FHGA0618    | M6 X 1.0     | 18         |       | 8.5  | 4.0  | 61° |
|           | PXMA0306    | M3 X 0.5     | 5.9        |       | 5.7  | 2    | 90° |
|           | SHX0310     | M3 X 0.5     | 10         |       | 5.9  | 2    | 91° |
|           | RHA0510     | M5 X 0.8     |            | 10    |      | 4.0  |     |
|           | RHA0613     | M6 X 1.0     | 16.3       | 13    | 10.5 | 4.0  |     |
|           | RHA0620     | M6 X 1.0     | 24         | 20    | 10.5 | 4.0  |     |
|           | VHX0509B    | M5 X 0.8     | 9          | 4.15  | 5    | 2    |     |
|           | VHX0512B    | M5 X 0.8     | 12         | 6.5   | 5    | 2    |     |
|           | VHX0512BN   | M5 X 0.8     | 12         | 6.56  | 5    | 2    |     |
|           | VHX0514     | M5 X 0.8     | 14.5       | 8.25  | 5    | 2    |     |
|           | VHX0613N    | M6 X 1.0     | 13.4       | 7.5   | 5.93 | 2.5  |     |
|           | VHX0617     | M6 X 1.0     | 17         | 10    | 6    | 2.5  |     |
|           | VHX0617N    | M6 X 1.0     | 16.75      | 8.34  | 5.9  | 2.5  |     |
|           | VHX0621     | M6 X 1.0     | 21         | 14    | 6    |      |     |
|           | VHX0817N    | M8 X 1.0     | 17.05      | 7.98  | 7.9  | 3    |     |
|           | VHX0820N    | M8 X 1.0     | 20.7       | 7.98  | 7.9  | 3    |     |
|           | VHX0820AN   | M8 X 1.0     | 20.5       | 10.36 | 7.9  | 3    |     |
|           | VHX0821     | M8 X 1.0     | 21         | 10    | 8    | 3    |     |
|           | VHX0821N    | M8 X 1.0     | 21.2       | 9.68  | 7.9  | 3    |     |
|           | VHX0823N    | M8 X 1.0     | 23.5       | 10.36 | 7.9  | 3    |     |
|           | VHX0825     | M8 X 1.0     | 25         | 12    | 8    | 3    |     |
|           | VHX1027N    | M10 X 1.0    | 27.2       | 14.4  | 9.8  | 5    |     |
|           | VHX1236N    | M12 X 1.0    | 36         | 18.3  | 11.8 | 5    |     |
|           | VHX0613A    | M6 X 1.0     | 13.4       | 9.1   | 6.0  | 2.5  |     |
|           | SHXN0509F   | M5 X 0.5     | M3.5 X 0.6 | 8.65  | 6.3  | 3.5  |     |
|           | SHXN0609F   | M6 X 0.75    | M4 X 0.7   | 9     | 7.8  | 4    |     |
|           | SHXN0610F   | M6 X 0.75    | M4 X 0.5   | 10    | 7.8  | 4    |     |
|           | SHXN0712F   | M7 X 0.75    | M5 X 0.8   | 12    | 8.5  | 5    |     |
|           | WTX0813     | M8 X 1.25    | 17.2       | 4.9   | 8.5  | 25   |     |
|           | WTX0817     | M8 X 1.25    | 22         | 4.9   | 8.5  | 25   |     |

## Втулки

| Геометрия | Обозначение | Размеры (мм) |      |          |   |
|-----------|-------------|--------------|------|----------|---|
|           |             | a            | b    | c        | d |
|           | SP3         | 5.5          | 3.5  | 5.9      |   |
|           | SP3N        | 6.85         | 3.3  | 5.55     |   |
|           | SP4         | 7.0          | 4.0  | 7.6      |   |
|           | SP4N        | 5.8          | 4.35 | 7.4      |   |
|           | SP5         | 8.5          | 4.5  | 8.8      |   |
|           | SP5N        | 8.5          | 5.68 | 9        |   |
|           | SP6N        | 11.1         | 6.0  | 11.0     |   |
|           | SP8N        | 12.0         | 10.0 | 15.35    |   |
|           | SP2M        | 5            | 14   | M5 X 0.8 | 6 |
|           | SP3M        | 3.5          | 19.5 | M4 X 0.7 | 4 |
|           | SP3M-1      | 3.5          | 16.5 | M4 X 0.7 | 4 |
|           | SP4M        | 5            | 19   | M5 X 0.8 | 6 |
|           |             |              |      |          |   |



## Штифты

| Геометрия | Обозначение | Размеры (мм) |       |            |       |
|-----------|-------------|--------------|-------|------------|-------|
|           |             | a            | b     | c          | d     |
|           | SP3D        | 3.7          | 13.1  | UNF10-32   | 5.6   |
|           | SP3D2       | 3.6          | 12    | UNF10-32   | 5.5   |
|           | SP3DS       | 3.7          | 11.54 | UNF10-32   | 5.6   |
|           | SP4D        | 4.97         | 17.19 | UNF1/4 28  | 7.12  |
|           | SP4DL       | 5            | 17.1  | UNF1/4 28  | 7     |
|           | SP4DS       | 4.97         | 13.26 | UNF1/4 28  |       |
|           | SP5D        | 6.21         | 21.9  | UNF5/16-24 | 9.44  |
|           | SP6D        | 7.75         | 21.9  | UNF3/8-24  | 11.02 |
|           | SP8D        | 9.02         | 29.63 | UNF7/16-20 | 14.21 |
|           | LSPS3       | 60           | 8.2   | 5.55       |       |
|           | LSPS4       | 65           | 10    | 7          |       |
|           | LSPS5       | 69           | 11.4  | 8.85       |       |
|           | LSPS6       | 69           | 13    | 11         |       |
|           | LSPS8       | 73           | 16.5  | 15.2       |       |

## Пружины

| Геометрия | Обозначение | Размеры (мм) |      |      |     |
|-----------|-------------|--------------|------|------|-----|
|           |             | a            | b    | c    | d   |
|           | SR2         | 4.0          | 2.8  | 12.6 | 0.4 |
|           | SPR0315     | 3.0          | 15   |      |     |
|           | SPR0415     | 4.0          | 15   |      |     |
|           | SR3         | 9.2          | 12.5 |      |     |
|           | SR4         | 4.0          | 11.0 |      |     |
|           | SPR0714     | 7            | 14   |      |     |
|           | SPR0510     | 5            | 10   |      |     |
|           | SPR0714     | 7            | 14   |      |     |
|           | SPR0811     | 8            | 11   |      |     |

## Ключи

| Геометрия | Обозначение | Размеры (мм) |      |       |
|-----------|-------------|--------------|------|-------|
|           |             | a            | b    | B (Т) |
|           | HW20L       | 52           | 18   | 2     |
|           | HW25L       | 58.5         | 20.5 | 2.5   |
|           | HW30L       | 66           | 23   | 3     |
|           | HW35L       | 72           | 25   | 3.5   |
|           | HW40L       | 74           | 29   | 4     |
|           | HW50L       | 85           | 33   | 5     |
|           | HW40        | 82           | 80   | 4     |
|           | HW50        | 96           | 90   | 5     |
|           | SW50L       | 70           | 27.5 |       |
|           |             |              |      |       |
|           | TW06P       | 63           | 6    |       |
|           | TW07P       | 63           | 7    |       |
|           | TW08P       | 71           | 8    |       |
|           | TW09P       | 75           | 9    |       |
|           | TW10P       | 78           | 10   |       |
|           | TW15P       | 82           | 15   |       |
|           | TW20P       | 86           | 20   |       |
|           |             |              |      |       |
|           | TW15L       | 60           | 21   | 15    |
|           | TW20L       | 60           | 21   | 20    |

## Ключи

| Геометрия | Обозначение | Размеры (мм) |    |       |
|-----------|-------------|--------------|----|-------|
|           |             | a            | b  | B (Т) |
|           | TW07S       | 140          | 60 | 7     |
|           | TW08S       | 150          | 76 | 8     |
|           | TW09S       | 165          | 70 | 9     |
|           | TW15S       | 190          | 90 | 15    |
|           | TW20S       | 195          | 91 | 20    |
|           |             |              |    |       |
|           | TW20        | 75           | 80 | 20    |
|           | TW25        | 74           | 80 | 25    |
|           | TW15-100    | 127          | 80 | 15    |
|           | TW20-100    | 127          | 80 | 20    |
|           | SW15S       | 150          | 13 |       |
|           |             |              |    |       |

## Стопорные шайбы

| Геометрия | Обозначение | Размеры (мм) |     |     |     |
|-----------|-------------|--------------|-----|-----|-----|
|           |             | a            | b   | c   | d   |
|           | CR03        | 4.8          | 2.6 | 0.4 | 3.0 |
|           | CR04        | 6.6          | 3.6 | 0.4 | 4.0 |
|           | CR05        | 7.6          | 4.6 | 0.4 | 5.0 |
|           | ER03        | 7.0          | 2.6 | 0.6 | 3.0 |
|           | ER04        | 9.0          | 3.5 | 0.6 | 4.0 |
|           | ER05        | 11           | 4.3 | 0.6 | 5.0 |

## Шайбы-гровер

| Геометрия | Обозначение | Размеры (мм) |     |         |
|-----------|-------------|--------------|-----|---------|
|           |             | a            | b   | c       |
|           | WA3         | 11.0         | 6.8 | 0.5-1.0 |
|           | WA4         | 10.0         | 5.3 | 0.5-1.0 |

## Фиксаторы

| Геометрия | Обозначение | Размеры (мм) |      |    |     |
|-----------|-------------|--------------|------|----|-----|
|           |             | a            | b    | c  | d°  |
|           | STP5        | 11           | 10.2 | 11 | 30° |

## Насадки

| Геометрия | Обозначение | Размеры (мм) |     |
|-----------|-------------|--------------|-----|
|           |             | a            | b   |
|           | CN0605      | 6            | 4.6 |