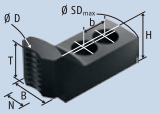
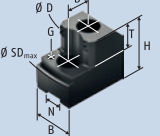


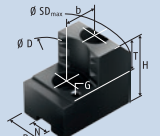
## Claw jaws For bar clamping

|                                                                                   | Clamping range ØD | Swing diameter SDmax | Description | ID      | N [mm] | B [mm] | H [mm] | T [mm] | b [mm] | Screws | Material | m/set [kg] |
|-----------------------------------------------------------------------------------|-------------------|----------------------|-------------|---------|--------|--------|--------|--------|--------|--------|----------|------------|
|  |                   |                      | SZA-ST 31-1 | 0175104 | 21     | 45     | 50     | 40     | 28     | M16    | Steel    | 3.3        |
|                                                                                   | 55 - 138          | 379                  | SZA-ST 31-1 | 0175104 | 21     | 45     | 50     | 40     | 28     | M16    | Steel    | 3.3        |

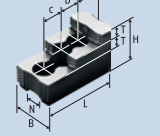
## Claw jaws for I.D. clamping

|                                                                                   | Clamping range ØD | Swing diameter SDmax | Description | ID      | N [mm] | B [mm] | H [mm] | T [mm] | G  | b [mm] | Screws | Material | m/set [kg] |
|-----------------------------------------------------------------------------------|-------------------|----------------------|-------------|---------|--------|--------|--------|--------|----|--------|--------|----------|------------|
|  | 115 - 198         | 384                  | SZI 31-11   | 0123186 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 4.1        |
|                                                                                   | 168 - 252         | 376                  | SZI 31-12   | 0123187 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 4.2        |
|                                                                                   | 242 - 326         | 376                  | SZI 31-13   | 0123188 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 3.9        |

## Claw jaws for O.D. clamping

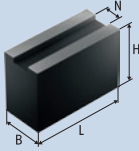
|                                                                                    | Clamping range ØD | Swing diameter SDmax | Description | ID      | N [mm] | B [mm] | H [mm] | T [mm] | G  | b [mm] | Screws | Material | m/set [kg] |
|------------------------------------------------------------------------------------|-------------------|----------------------|-------------|---------|--------|--------|--------|--------|----|--------|--------|----------|------------|
|  | 94 - 178          | 378                  | SZA 31-10   | 0138184 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 3.4        |
|                                                                                    | 152 - 235         | 379                  | SZA 31-11   | 0138185 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 3.4        |
|                                                                                    | 217 - 301         | 377                  | SZA 31-12   | 0138186 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 3.2        |
|                                                                                    | 281 - 360         | 433                  | SZA 31-13   | 0138187 | 21     | 50     | 58     | 25     | M8 | 28     | M16    | Steel    | 4.5        |

## Hard Stepped Top Jaws

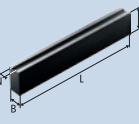
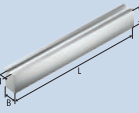
|                                                                                     | Description | ID      | N [mm] | B [mm] | H [mm] | L [mm] | T [mm] | a [mm] | b [mm] | c [mm] | Screws | Material | m/set [kg] |
|-------------------------------------------------------------------------------------|-------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|------------|
|  | SHB 250     | 0121105 | 21     | 50     | 58     | 103.5  | 14     | 34     | 25     | 25     | M16    | Steel    | 3.5        |
|                                                                                     | SHB 315     | 0121111 | 21     | 50     | 58     | 128    | 14     | 46     | 30     | 30     | M16    | Steel    | 4.6        |



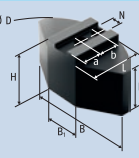
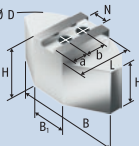
## Jaw blanks

|                                                                                   | Description | ID      | N<br>[mm] | B<br>[mm] | H<br>[mm] | L<br>[mm] | Min. distance<br>a<br>[mm] | Min. distance<br>b<br>[mm] | Screws | Material | m/piece<br>[kg] |
|-----------------------------------------------------------------------------------|-------------|---------|-----------|-----------|-----------|-----------|----------------------------|----------------------------|--------|----------|-----------------|
|  | SBM 41      | 0112112 | 21        | 50        | 60        | 90        | 15                         | 28                         | M16    | Steel    | 2.1             |
|                                                                                   | SBM 42      | 0112113 | 21        | 50        | 60        | 105       | 15                         | 28                         | M16    | Steel    | 2.4             |
|                                                                                   | SBM 4210    | 0112115 | 21        | 50        | 100       | 120       | 15                         | 28                         | M16    | Steel    | 5               |
|                                                                                   | SBM 4212    | 0112116 | 21        | 50        | 120       | 120       | 15                         | 28                         | M16    | Steel    | 5.6             |
|                                                                                   | SBM 4215    | 0112117 | 21        | 50        | 150       | 120       | 15                         | 28                         | M16    | Steel    | 7               |
|                                                                                   | SBM 428     | 0112114 | 21        | 50        | 80        | 120       | 15                         | 28                         | M16    | Steel    | 3.7             |
|                                                                                   | SBM 4281    | 0112137 | 21        | 50        | 80        | 150       | 15                         | 28                         | M16    | Steel    | 4.6             |
|                                                                                   | SBM 43      | 0112118 | 21        | 60        | 60        | 90        | 15                         | 28                         | M16    | Steel    | 2.4             |
|                                                                                   | SBM 44      | 0112119 | 21        | 60        | 60        | 105       | 15                         | 28                         | M16    | Steel    | 2.9             |
|                                                                                   | SBM 45      | 0112120 | 21        | 60        | 80        | 90        | 15                         | 28                         | M16    | Steel    | 3.2             |
|                                                                                   | SBM 46      | 0112121 | 21        | 60        | 80        | 105       | 15                         | 28                         | M16    | Steel    | 3.8             |
|                                                                                   | SBM 47      | 0112122 | 21        | 60        | 80        | 120       | 15                         | 28                         | M16    | Steel    | 4.4             |
|                                                                                   | SBM 48      | 0112123 | 21        | 80        | 60        | 90        | 15                         | 28                         | M16    | Steel    | 3.2             |
|                                                                                   | SBM 498     | 0112125 | 21        | 80        | 80        | 120       | 15                         | 28                         | M16    | Steel    | 5.8             |

## Serrated bars

|                                                                                     | Description | ID      | N<br>[mm] | B<br>[mm] | H<br>[mm] | L<br>[mm] | Material | m/piece<br>[kg] |
|-------------------------------------------------------------------------------------|-------------|---------|-----------|-----------|-----------|-----------|----------|-----------------|
|   | SBM-ST 210  | 0112180 | 21        | 50        | 60        | 420       | Steel    | 9.4             |
|                                                                                     | SBM-ST 211  | 0112181 | 21        | 50        | 80        | 420       | Steel    | 12.7            |
|                                                                                     | SBM-ST 212  | 0112182 | 21        | 50        | 120       | 420       | Steel    | 19.3            |
|                                                                                     | SBM-ST 213  | 0112183 | 21        | 80        | 80        | 420       | Steel    | 20.4            |
|  | SBM-STA 210 | 0112184 | 21        | 50        | 80        | 420       | Aluminum | 4.6             |

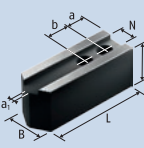
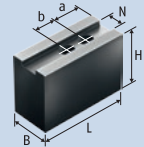
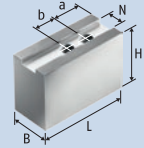
## Soft Full Grip Jaws

|                                                                                     | Description   | ID      | N<br>[mm] | B<br>[mm] | B1<br>[mm] | Ø D<br>[mm] | H<br>[mm] | H1<br>[mm] | L<br>[mm] | a<br>[mm] | b<br>[mm] | Screws | Material | m/set<br>[kg] |
|-------------------------------------------------------------------------------------|---------------|---------|-----------|-----------|------------|-------------|-----------|------------|-----------|-----------|-----------|--------|----------|---------------|
|  | SWB-SM 250-21 | 0169103 | 21        | 180       | 104        | 250         | 70        | 55         | 80        | 30        | 28        | M16    | Steel    | 14            |
|                                                                                     | SWB-SM 251    | 0169107 | 21        | 180       | 104        | 250         | 100       | 85         | 80        | 30        | 28        | M16    | Steel    | 21.7          |
|                                                                                     | SWB-SM 315    | 0169104 | 21        | 240       | 120        | 320         | 70        | 55         | 110       | 60        | 28        | M16    | Steel    | 26.6          |
|  | SWB-SA 250-21 | 0170103 | 21        | 180       | 70         | 250         | 78        | 63         | 87.5      | 40        | 28        | M16    | Aluminum | 7.3           |
|                                                                                     | SWB-SA 251    | 0170107 | 21        | 180       | 70         | 250         | 100       | 85         | 87.5      | 40        | 28        | M16    | Aluminum | 8.3           |
|                                                                                     | SWB-SA 315    | 0170104 | 21        | 240       | 80         | 320         | 78        | 63         | 117       | 70        | 28        | M16    | Aluminum | 12            |



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## Soft Top Jaws

|                                                                                   | Description | ID      | N<br>[mm] | B<br>[mm] | H<br>[mm] | L<br>[mm] | a1<br>[mm] | a<br>[mm] | b<br>[mm] | Screws | Material | m/set<br>[kg] |
|-----------------------------------------------------------------------------------|-------------|---------|-----------|-----------|-----------|-----------|------------|-----------|-----------|--------|----------|---------------|
|  | SWBL 250-21 | 0120155 | 21        | 50        | 50        | 120       | 4          | 20        | 28        | M16    | Steel    | 5.6           |
|                                                                                   | SWBL 315    | 0120156 | 21        | 50        | 50        | 140       | 4          | 30        | 28        | M16    | Steel    | 6.5           |
|  | 2 SWK 200   | 0126102 | 21        | 80        | 80        | 95        |            | 22        | 28        | M16    | Steel    | 8.2           |
|                                                                                   | CWB 251     | 0100012 | 21        | 50        | 60        | 95        |            | 15        | 28        | M16    | Steel    | 5.2           |
|                                                                                   | SWB 250     | 0120105 | 21        | 50        | 80        | 120       |            | 30        | 28        | M16    | Steel    | 9.4           |
|                                                                                   | SWB-FR 315  | 0120406 | 21        | 50        | 60        | 105       |            | 15        | 25        | M16    | Steel    | 6             |
|  | SWB-AL 250  | 0168102 | 21        | 50        | 80        | 120       |            | 30        | 28        | M16    | Aluminum | 3             |

## T-nut

|                                                                                    | Description | ID      | S<br>[mm] | H<br>[mm] | H1<br>[mm] | G   | Cyl.-screw | Max. adm.<br>tightening torque<br>[Nm] |
|------------------------------------------------------------------------------------|-------------|---------|-----------|-----------|------------|-----|------------|----------------------------------------|
|  | NS 164      | 0143108 | 21        | 30        | 11         | M16 | M16 x 35   | 150                                    |

