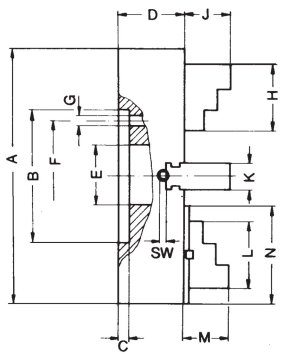


Chuck dimensions USE - USU

Cylindrical centre mount



| Size A | 260 | 310 | 400 | 450 | 500 | 630 | 710 | 800 |
|------------------|-----------|--------|--------|-------|-------|-------|--------|--------|
| B ^{H18} | 130 | 130 | 210 | 210 | 210 | 260 | 260 | 370 |
| C | 8 | 8 | 18 | 18 | 18 | 18 | 18 | 18 |
| D | USE - USU | 85 | 95 | 112,5 | 112,5 | 112,5 | 122,5 | 145 |
| E | USE - USU | 70 | 75 | 95 | 95 | 95 | 135 | 180 |
| F | | 105 | 105 | 175 | 175 | 175 | 220 | 330 |
| G | | 4x13,5 | 4x13,5 | 4x17 | 4x17 | 4x17 | 4x20,5 | 4x20,5 |
| H | | 85 | 94 | 112 | 112 | 136 | 172 | 185 |
| J | | 34 | 35 | 41,5 | 42 | 50 | 55,5 | 80 |
| K | | 35 | 35 | 40 | 40 | 40 | 45 | 60 |
| L | | 80 | 87 | 105 | 114 | 126 | 140 | 165 |
| M | | 56,5 | 60,5 | 54 | 54 | 69 | 69 | 91 |
| N | | 100 | 105 | 125 | 135 | 145 | 165 | 240 |
| SW | | 10 | 10 | 13 | 13 | 13 | 16 | 18 |
| approx. kg | | 23 | 32 | 52 | 76 | 91 | 150 | 270 |

1) Outer hexagon

Chuck dimensions USE - USU

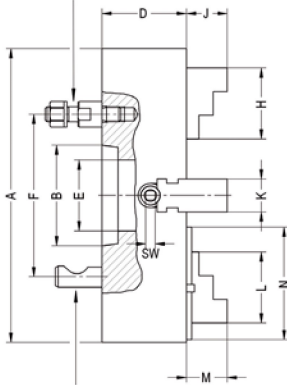
Short taper mount

DIN 55021 with setscrews and locknuts



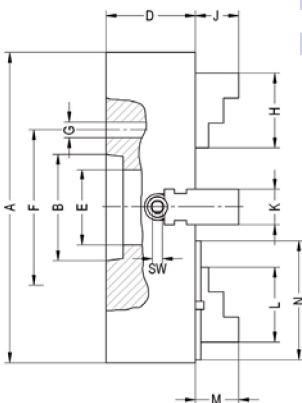
| Size A | 260 | | | 310 | | | 400 | | | 450 | | | 500 | | | 630 | | | |
|------------|-----------------|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Taper size | 4 ¹⁾ | 5 ²⁾ | 6 | 5 | 6 | 8 | 6 | 8 | 11 | 6 | 8 | 11 | 6 | 8 | 11 | 8 | 11 | 15 | |
| B | 63,5 | 82,5 | 106,4 | 82,5 | 106,4 | 139,7 | 106,4 | 139,7 | 196,9 | 106,4 | 139,7 | 196,9 | 106,4 | 139,7 | 196,9 | 139,7 | 196,9 | 285,8 | |
| D | 75 | | | 82 | | | 112,5 | | | 112,5 | | | 122,5 | | | | | | |
| E | 61 | 70 | 70 | 75 | | | 95 | | | 95 | | | 135 | | | | | | |
| F | DIN Camlock | 85 | 104,8 | 133,4 | 104,8 | 133,4 | 171,4 | 133,4 | 171,4 | 235 | 133,4 | 171,4 | 235 | 133,4 | 171,4 | 235 | 171,4 | 235 | 330,2 |
| | | 82,6 | | | | | | | | | | | | | | | | | |
| G | 11 | 11 | 14 | 11 | 14 | 18 | 14 | 18 | 22 | 14 | 18 | 22 | 14 | 18 | 22 | 18 | 22 | 26 | |
| H | 85 | | | 94 | | | 112 | | | 112 | | | 136 | | | 172 | | | |
| J | 34 | | | 35 | | | 42 | | | 42 | | | 50 | | | 55,5 | | | |
| K | USE | 35 | | | 35 | | | 40 | | | 40 | | | 40 | | | 45 | | |
| | USU | 36 | | | 42 | | | 42 | | | 42 | | | 50 | | | 50 | | |
| L | 95,3 | | | 109,5 | | | 127 | | | 127 | | | 127 | | | 127 | | | |
| M | 56,5 | | | 60,5 | | | 54 | | | 54 | | | 69 | | | 69 | | | |
| N | 91 | | | 107 | | | 126 | | | 126 | | | 164,4 | | | 165 | | | |
| SW | 10 | | | 10 | | | 13 | | | 13 | | | 13 | | | 16 | | | |
| approx. kg | 23 | | | 32 | | | 52 | | | 76 | | | 91 | | | 150 | | | |

DIN 55027 with studs and nuts



| Size A | 710 | | | 800 | | | |
|------------|-------|-------|-------|-------|-------|-------|--|
| Taper size | 8 | 11 | 15 | 8 | 11 | 15 | |
| B | 139,7 | 196,9 | 285,8 | 139,7 | 196,9 | 285,8 | |
| D | 132,5 | | | 145 | | | |
| E | 135 | | | 180 | | | |
| F | 171,4 | 235 | 330,2 | 171,4 | 235 | 330,2 | |
| G | 18 | 22 | 26 | 18 | 22 | 16 | |
| H | 172 | | | 185 | | | |
| J | 55,5 | | | 80 | | | |
| K | USE | 45 | | | 60 | | |
| | USU | 68 | | | 68 | | |
| L | 210 | | | 210 | | | |
| M | 69 | | | 91 | | | |
| N | 202 | | | 240 | | | |
| SW | 16 | | | 18 | | | |
| approx. kg | 190 | | | 270 | | | |

DIN 55029 with studs for camlock

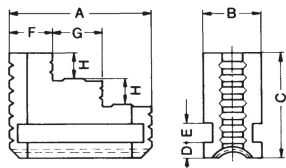


DIN 55026 mounting from front

- 1) Not for DIN 55021 or A1/A2 inch
- 2) Not for A1/A2 inch

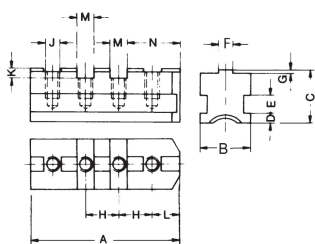
Jaw dimensions USE - USU

Reversible one-piece jaw EB



| Size | 260 | 310 | 400 | 450 | 500 | 630 | 710 | 800 |
|------------|-----|-----|-----|------|-----|-----|-----|-----|
| A | 85 | 94 | 112 | 136 | 172 | 185 | | |
| B | 35 | 35 | 40 | 40 | 45 | 60 | | |
| C | 64 | 66 | 80 | 88 | 108 | 130 | | |
| D | 10 | 10 | 10 | 10 | 12 | 14 | | |
| E | 12 | 12 | 14 | 14 | 14 | 18 | | |
| F | 27 | 30 | 36 | 42 | 52 | 55 | | |
| G | 29 | 32 | 38 | 46 | 60 | 65 | | |
| H | 14 | 15 | 19 | 23 | 26 | 30 | | |
| approx. kg | 0,8 | 0,9 | 1,6 | 2,25 | 3,5 | 4,2 | | |

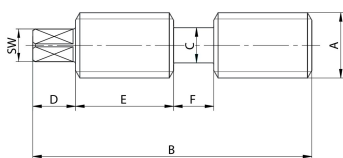
Base jaw GB



| Size | 260 | 310 | 400 | 450 | 630 | 710 | 800 |
|--------------|-------|-------|-------|-------|-------|-------|-----|
| A | 91 | 107 | 126 | 165 | 202 | 240 | |
| B | 35 | 35 | 40 | 45 | 45 | 60 | |
| C | 40,1 | 40,1 | 47,1 | 51,1 | 51,1 | 61,1 | |
| D | 10 | 10 | 10 | 12 | 12 | 14 | |
| E | 12 | 12 | 14 | 14 | 14 | 18 | |
| F | 12,7 | 12,7 | 12,7 | 12,7 | 12,7 | 12,7 | |
| G | 3,1 | 3,1 | 3,1 | 3,1 | 3,1 | 3,1 | |
| H | 54 | 63,5 | 76,2 | 38,1 | 38,1 | 38,1 | |
| J | M12 | M12 | M16 | M20 | M20 | M20 | |
| K | 7,6 | 7,6 | 10,8 | 10,8 | 10,8 | 10,8 | |
| L | 21,2 | 24,4 | 27,5 | 27,5 | 27,5 | 27,5 | |
| M | 19,03 | 19,03 | 19,03 | 19,03 | 19,03 | 19,03 | |
| N | 38,7 | 46,6 | 56,1 | 56,1 | 56,1 | 56,1 | |
| Grooves | 1 | 1 | 1 | 2 | 3 | 4 | |
| Tapped holes | 2 | 2 | 2 | 4 | 5 | 6 | |
| approx. kg | 0,8 | 0,9 | 1,1 | 1,4 | 2,2 | 2,8 | |

Reversible top jaw UB and unstepped top jaw

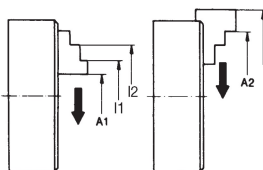
Adjusting spindle



| Size | 260 | 310 | 400 | 450 | 500 | 630 | 710 | 800 | 900 | 1000 | 1100 | 1200 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------------------|
| A | 26 | 26 | 30 | 30 | 30 | 34 | 34 | 40 | 40 | 40 | 40 | 48 |
| B | 92 | 111 | 145 | 170 | 170 | 215 | 255 | 260 | 310 | 343 | 393 | 425 |
| C | 14 | 14 | 16 | 16 | 16 | 20 | 20 | 22 | 22 | 22 | 22 | 28 |
| D | 14 | 17 | 38 | 38 | 41 | 48 | 48 | 48 | 48 | 48 | 48 | 65 |
| E | 27,5 | 39 | 55 | 70 | 62 | 95 | 105 | 127 | 177 | 201 | 251 | 210 |
| F | 16 | 16 | 20 | 20 | 20 | 20 | 20 | 24 | 24 | 24 | 24 | 30 |
| SW | 10 | 10 | 13 | 13 | 13 | 16 | 16 | 18 | 18 | 18 | 18 | 24 ¹⁾ |

¹⁾ With outer hexagon

Chucking capacities of jaw steps (standard values)



| Size mm | 260 | 310 | 400 | 450 | 500 | 630 | 710 | 800 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| A1 min. | 20 | 20 | 35 | 40 | 40 | 60 | 130 | 190 |
| A2 max. | 260 | 295 | 400 | 450 | 500 | 585 | 690 | 800 |
| I1 min. | 75 | 80 | 90 | 100 | 145 | 145 | 245 | 170 |
| I2 max. | 260 | 310 | 360 | 450 | 520 | 650 | 730 | 820 |
| max. swing. dia. | 305 | 355 | 465 | 510 | 610 | 675 | 785 | 870 |