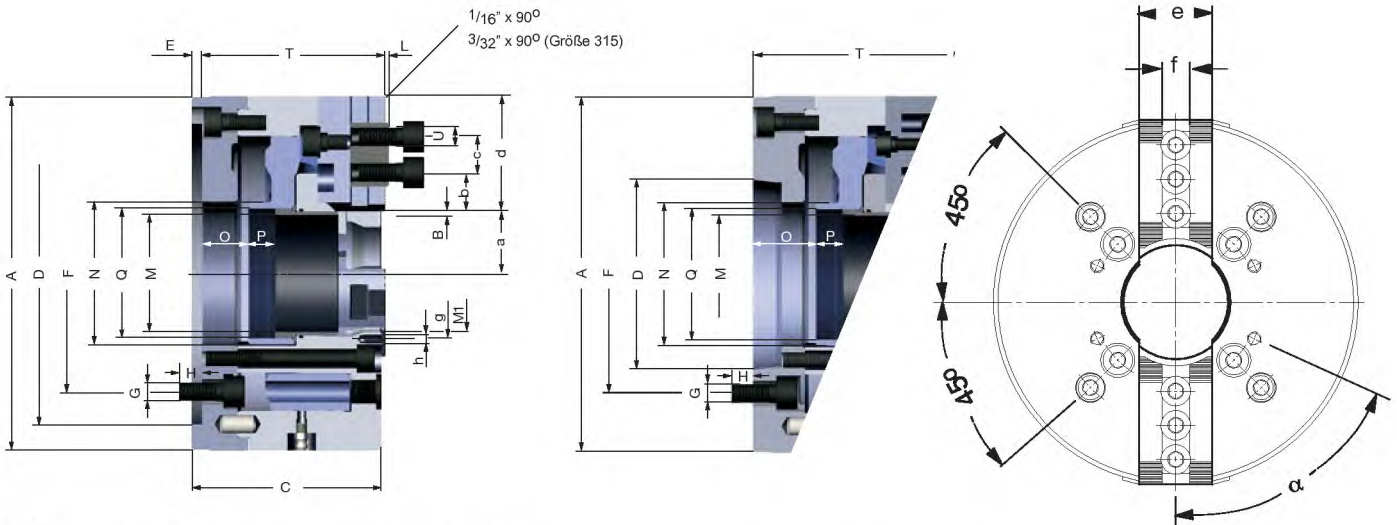


KFD-HS 2-jaw, serration 90°



C15

2-jaw power chuck KFD-HS, with tightening thread, serration 90°

Cylindrical centre mount, connection dimensions in acc. with DIN 6353 / short taper mount (KK) for ISO 702-1 (DIN 55026/55021)

| Id.-Nr. | 147281 ▲ | 147282 ▲ | 147285 | 147286 | 148036 | 148023 | 148031 | 162995 |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| Size | 160 | 160 | 200 | 200 | 250 | 250 | 250 | 315 |
| Number of jaws | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| A mm | 160 | 160 | 200 | 200 | 250 | 250 | 250 | 315 |
| Jaw travel B mm | 4 | 4 | 5 | 5 | 6,2 | 6,2 | 6,2 | 6,25 |
| C mm | 102 | 108 | 107 | 112 | 128 | 132 | 132 | 130 |
| Mount D | ZA 140 | KK 5 | ZA 170 | KK 6 | ZA 220 | KK 6 | KK 8 | ZA 300 |
| E mm | 6 | 15 | 6 | 16 | 6 | 15 | 19 | 6 |
| F mm | 104,8 | 104,8 | 133,4 | 133,4 | 171,4 | 133,4 | 171,4 | 235 |
| G | 4xM10 | 4xM10 | 4xM12 | 4xM12 | 4xM16 | 4xM12 | 4xM16 | 4xM20 |
| H mm | 15 | 14 | 18 | 17 | 24 | 18 | 24 | 30 |
| Wedge stroke K mm | 15 | 15 | 18,5 | 18,5 | 23 | 23 | 23 | 23 |
| L mm | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 2,5 | 3,5 |
| M max. mm | 46 | 46 | 66 | 66 | 86 | 66 | 86 | 108 |
| M ₁₇ mm | 46 | 46 | 66 | 66 | 94 | 94 | 94 | 115 |
| N mm | 58 | 58 | 80 | 80 | 99 | 80 | 99 | 126 |
| O min. | 6 | 16 | 7,5 | 16,5 | -6 | 2 | 2 | -9 |
| O max. | 21 | 31 | 26 | 35 | 17 | 25 | 25 | 14 |
| P mm | 16 | 16 | 15 | 15 | 25 | 25 | 25 | 25 |
| Q mm | M54x1,5 | M54x1,5 | M74x1,5 | M74x1,5 | M94x1,5 | M74x1,5 | M94x1,5 | M120x1,5 |
| T mm | 98 | 106 | 103 | 110 | 124 | 130 | 130 | 135 |
| U mm | M8 | M8 | M 12 | M12 | M12 | M12 | M12 | M16 |
| W mm | - | - | - | - | - | 74 | 74 | 85 |
| a min. | 24 | 24 | 35 | 35 | 43,8 | 43,8 | 43,8 | 54,8 |
| a max. | 28 | 28 | 40 | 40 | 50 | 50 | 50 | 61 |
| b min. | 0 | 0 | 8,5 | 8,5 | 6 | 6 | 6 | 10,5 |
| b max. | 22 | 22 | 32,5 | 32,5 | 47,5 | 47,5 | 47,5 | 61 |
| c mm | 2x15 | 2x15 | 19 | 19 | 19 | 19 | 19 | 25 |
| d mm | 52 | 52 | 60 | 60 | 75 | 75 | 75 | 96,5 |
| e mm | 32 | 32 | 40 | 40 | 50 | 50 | 50 | 50 |
| fH7-0,025 mm | 12 | 12 | 17 | 17 | 17 | 17 | 17 | 21 |
| g mm | 76 | 76 | 84 | 84 | 108 | 108 | 108 | 136 |
| h | M6x10 | M6x10 | M6x10 | M6x10 | M6x10 | M6x10 | M6x10 | M8x12 |
| α | 40° | 40° | 60° | 60° | 60° | 60° | 60° | 60° |
| Max. swing top jaws mm | 170 | 170 | 250 | 250 | 305 | 305 | 305 | 380 |
| Maximum draw bar pull kN | 20 | 20 | 30 | 30 | 42 | 42 | 42 | 55 |
| Max. total clamping force kN | 45 | 45 | 66 | 66 | 94 | 94 | 94 | 120 |
| Max. admissible speed min ⁻¹ | 8000 | 8000 | 6500 | 6500 | 5000 | 5000 | 5000 | 4200 |
| Moment of inertia J kgm ² | 0,0415 | 0,0415 | 0,1 | 0,1 | 0,35 | 0,35 | 0,35 | 0,62 |
| Weight without jaws approx. kg | 12 | 12 | 20 | 20 | 40 | 40 | 40 | 60 |
| Actuating cylinders (recommended) | OVS-105 / SZS-46/103 | OVS-105 / SZS-46/103 | OVS-130 / SZS-67/150 | OVS-130 / SZS-67/150 | OVS-150 / SZS-67/150 | OVS-150 / SZS-67/150 | OVS-150 / SZS-86/200 | OVS-200 / SZS-110/250 |

Other sizes on request

Power chuck with through-hole KFD-HS