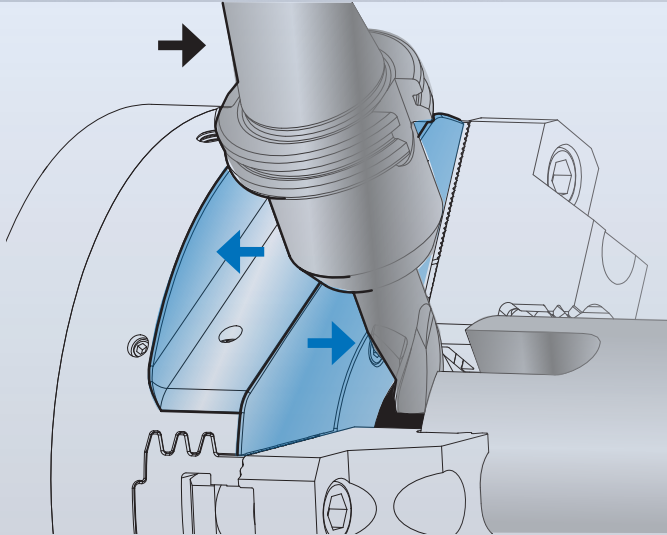


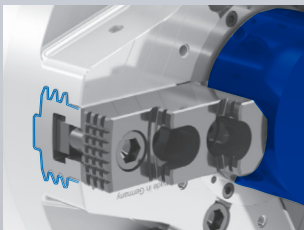
HFKS-2G High precision premium power chuck



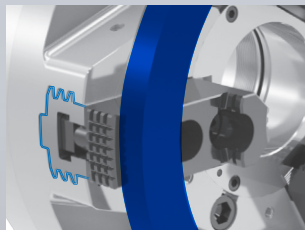
Weight-optimized chuck body
for a wide range of workpieces

Weight-optimized chuck body
with flats for best accessibility

External clamping(OD)



Internal clamping (ID)

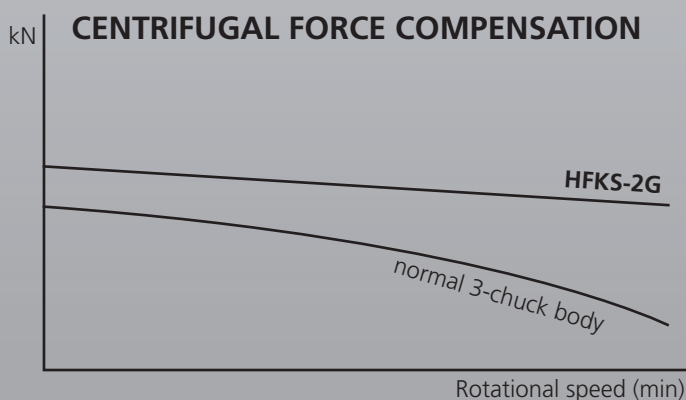


Multiguide jaw guides

The innovative multi guide of the HFKS2G is ideal for OD and ID clamping. The symmetrical guiding length both on OD and ID clamping guarantees same performance, grip force and accuracy.

Direct pressure lubrication system

Long symmetrical Multiguide jaw guides ideal for External or internal clamping



Serration optional
Inch or metric

Clamping glossary

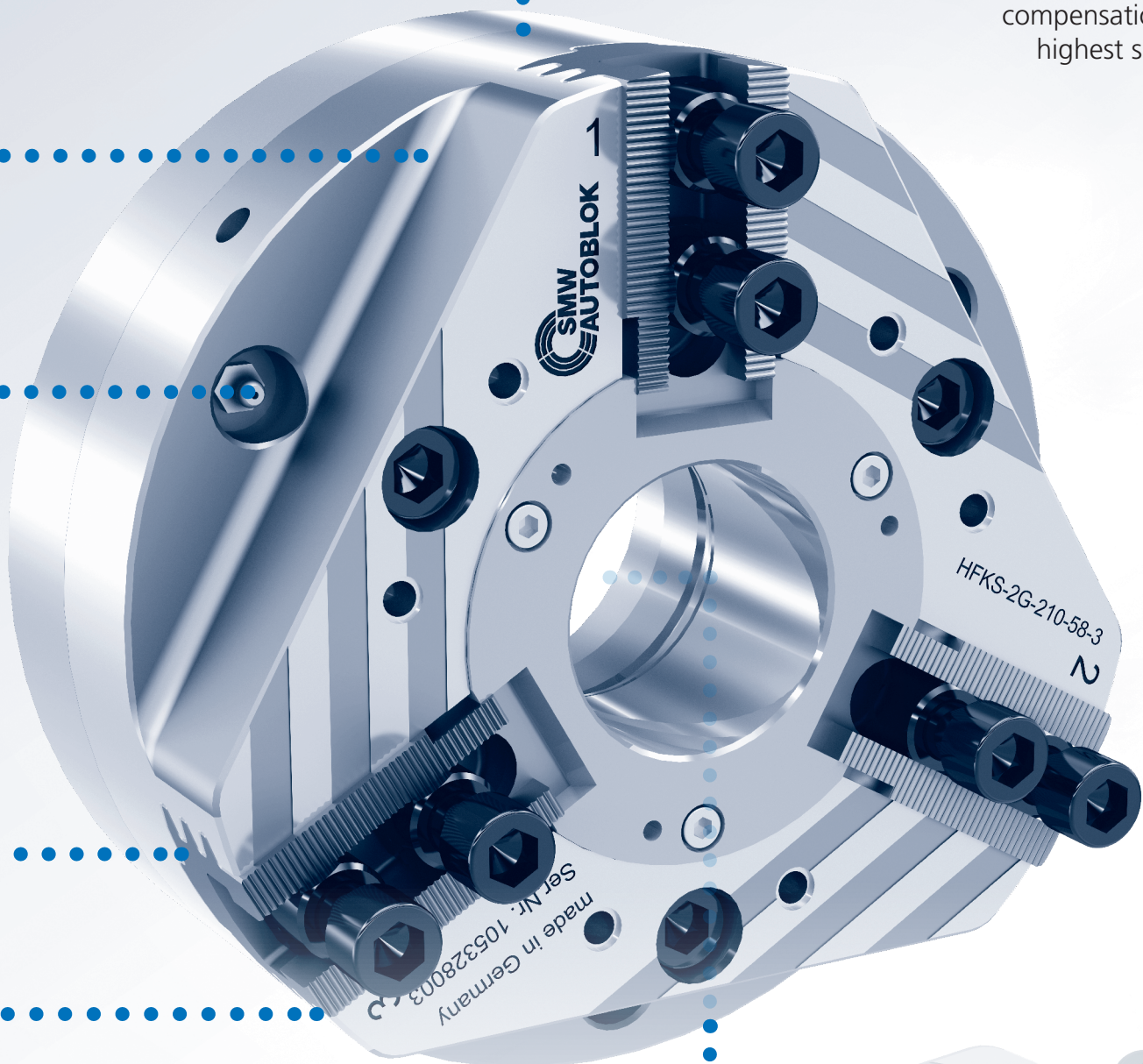
Multiguide: The guideways for the master jaws in the chuck body are divided into several individual profiles. This improves the load bearing capability as well as the rigidity against working loads. It increases the overall accuracy and the service life of the chuck.

Weight optimized chuck body: The outer geometry of the chuck body has flats in between the base jaws. This improves the radial accessibility with live tools and reduces the inertia and weight. The machine can accelerate and decelerate quicker and more energy efficient, and the machine spindle can carry higher work piece weights.

Centrifugal compensation: The rotation of a chuck results in centrifugal forces that act onto the master jaws and the top jaws. It reduces the static grip force, and thus reduces the dynamic chip removal. The centrifugal force compensation system of the HFKS-2G reduces this effect, and thus improves the dynamic chip removal, the safety and the roundness of the work pieces.

Pressure lubrication system: In a pressure lubrication system all loaded areas are directly lubricated via direct channels. Used lubricant is directly replaced by new lubricant. Compared to open lubrication systems it reduced the amount of lubricant needed, increases the lubrication intervals and avoids tribo corrosion.

Centrifugal force compensation for highest speeds



• **Large through hole,** full use of the machine spindle

HFKS-2G

INCH / METRIC
SERRATION

High precision power chuck

- Weight reduced chuck body and large through-hole
- Centrifugal force compensation
- Direct lubrication system



Application/customer benefits

- Universal use for turning and milling
- Flats on the chuck body for best accessibility with live tools and to reduce weight and inertia
- Wedge hook mechanism combined with a multi jaw guide guarantee maximum precision and sensitivity for the workpiece clamping
- Also suitable for large batch production, with heavy duty cutting or clamping of easy deformed workpieces
- Centrifugal force compensation for highest speed
- Constant clamping forces due to the direct lubrication system
- Maximum durability due to case hardened chuck components
- Wide range of standard top jaws

Technical features

- Centrifugal force compensation
- Multi jaw guides
- Direct lubrication system
- Large through-hole
- Wedge hook mechanism

Standard equipment

- 3-jaw chuck,
- 6 pcs. T-nuts and screws,
- 1 set of soft top jaws

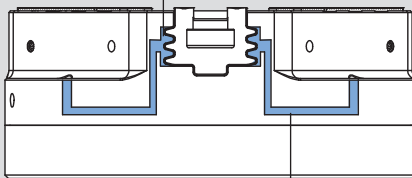
Ordering example

3-jaw chuck HFKS-2G-D-210-58-3-Z170

Product features

Direct lubrication system

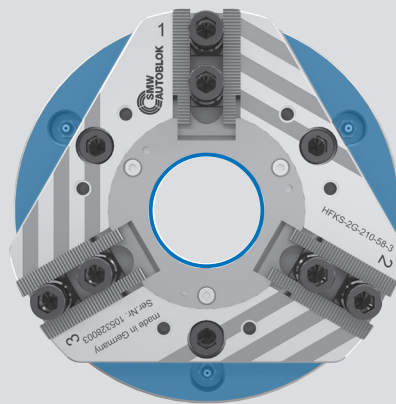
Grease reservoirs in the jaw guide ways



Direct lubrication channels

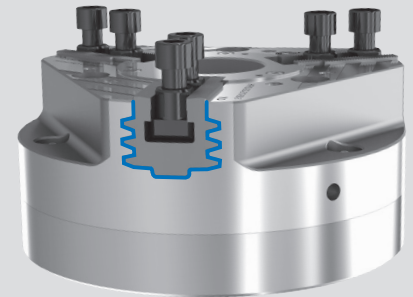
Direct lubrication system: Additional lubrication channels and grease reservoirs integrated in the jaw guide ways ensure constant clamping force.

Weight optimized chuck body with large through-hole



Flats on the chuck body for best accessibility with live tools and weight reduction. Large through-hole.

Multi jaw guide



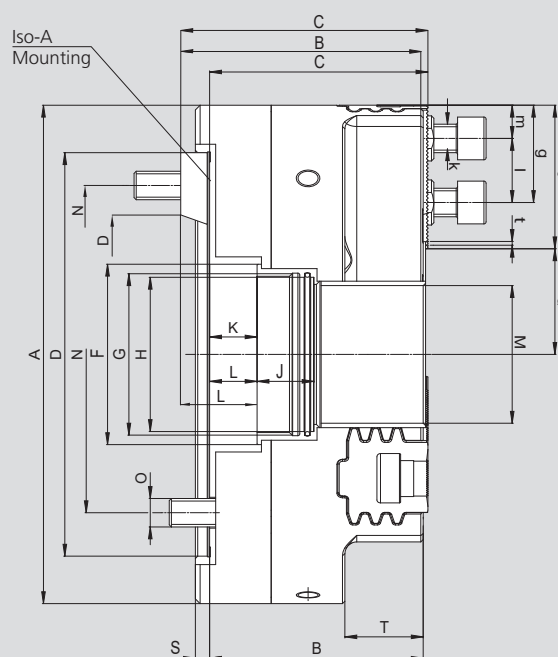
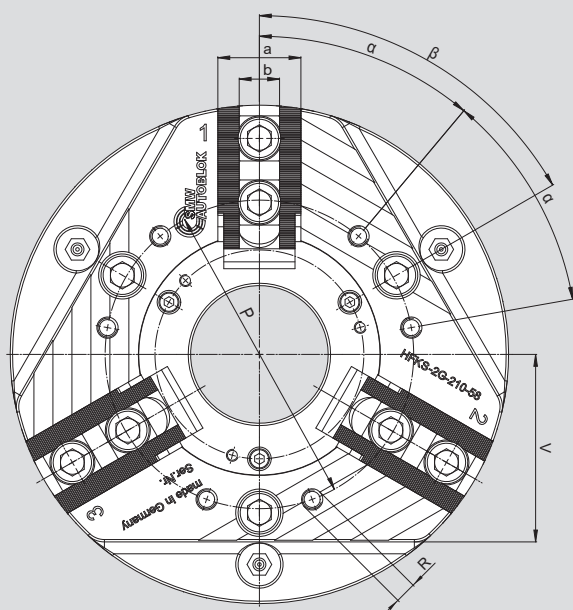
Wedge hook mechanism combined with a multi jaw guide and centrifugal force compensation for maximum precision and sensitivity (also for easy deformed workpieces). Ideal also for I. D. gripping and for milling.

High precision power chuck

- Weight reduced chuck body and large through-hole
- Centrifugal force compensation
- Direct lubrication system

HFKS-2G

INCH / METRIC
SERRATION



Subject to technical changes.
For more detailed information please ask our customer service.

| SMW-AUTOBLOK Type HFKS-2G | | 165-46 | | 210-58 | | 255-72 | | 320-88 | | 320-88 | |
|-------------------------------------|-------------------|----------------|-------|--------------|--------|--------------|--------|---------------|--------|---------------|--------|
| Mounting | | Z140 | A05 | Z170 | A06 | Z220 | A08 | Z220 | A08 | Z300 | A11 |
| Outside diameter | A | 165 | | 210 | | 255 | | 320 | | 320 | |
| | B | 90 | 105 | 90 | 107 | 98 | 117 | 98 | 117 | 98 | 119 |
| | C | 92.5 | 107.5 | 92 | 109 | 100 | 119 | 100 | 119 | 100 | 121 |
| | D H6 | 140 | 82.57 | 170 | 106.39 | 220 | 139.73 | 220 | 139.73 | 300 | 196.88 |
| | F | 60 | | 76 | | 90 | | 110 | | 110 | |
| Piston thread / depth | G | M54 x 1.5 / 18 | | M68 x 2 / 18 | | M82 x 2 / 24 | | M100 x 2 / 24 | | M100 x 2 / 24 | |
| | H H6 | 52 | | 65 | | 77 | | 93 | | 93 | |
| | J | 24 | | 24 | | 34 | | 34 | | 34 | |
| Piston stroke | K | 17 | | 20 | | 20 | | 20 | | 20 | |
| Max. | L | 17 | 32 | 20 | 37 | 20 | 39 | 20 | 39 | 20 | 41 |
| Through-hole | M | 46 | | 58 | | 72 | | 88 | | 88 | |
| Bolt circle | N | 104.8 | | 133.4 | | 171.4 | | 171.4 | | 235 | |
| Fixing bolt | O | M10 | | M12 | | M16 | | M16 | | M20 | |
| | P | 115 | | 130 | | 150 | | 170 | | 170 | |
| Thread / thread depth | R | M6 / 11 | | M8 / 15 | | M8 / 15 | | M8 / 15 | | M8 / 15 | |
| | S | 6 | | 6 | | 6 | | 6 | | 6 | |
| | T | 33 | | 33 | | 42 | | 42 | | 42 | |
| | V | 65 | | 79 | | 100 | | 100* | | 100* | |
| | a | 35 | | 35 | | 45 | | 45 | | 45 | |
| Groove width inch serration | b H7 | 14** | | 17 | | 21 | | 21 | | 21 | |
| Groove width metric serration | b H7 | 12 | | 14 | | 16 | | 21 | | 21 | |
| | c | 46.5 | | 59.5 | | 72.5 | | 99.5 | | 99.5 | |
| Max. | d | 37 | | 45.5 | | 53.5 | | 60.5 | | 60.5 | |
| Max. / min. | g | 21 / 34 | | 50 / 25 | | 62 / 35 | | 82 / 35 | | 82 / 35 | |
| Bolt ISO 4762 12.9 inch serration | k | M10 | | M12 | | M16 | | M16 | | M16 | |
| Bolt ISO 4762 12.9 metric serration | k | M10 | | M12 | | M12 | | M16 | | M16 | |
| Min. | l | 16**** | | 19 | | 19 | | 25 | | 25 | |
| Min. | m | 5 | | 6 | | 10 | | 10 | | 10 | |
| Inch serration | t | 1/16" x 90° | | 1/16" x 90° | | 1/16" x 90° | | 1/16" x 90° | | 1/16" x 90° | |
| Metric serration | t | 1.5 x 60° | | 1.5 x 60° | | 1.5 x 60° | | 1.5 x 60° | | 1.5 x 60° | |
| | α | 42.5°*** | | 40° | | 40° | | 30° / 60° | | 30° / 60° | |
| | β | 60° | | 60° | | 60° | | 60° | | 60° | |
| Stroke per jaw | mm | 4.5 | | 5.25 | | 5.25 | | 5.25 | | 5.25 | |
| Max. actuating force | kN | 27 | | 45 | | 70 | | 70 | | 70 | |
| Max. total gripping force | kN | 60 | | 100 | | 150 | | 150 | | 150 | |
| Max. speed | r.p.m. | 7000 | | 6300 | | 4500 | | 4000 | | 4000 | |
| Weight (without jaws) | kg | 11 | | 18.1 | | 29.5 | | 44.5 | | 43.5 | |
| Moment of inertia | kg·m ² | 0.04 | | 0.12 | | 0.26 | | 0.60 | | 0.58 | |

* Attention: Flat on distance V = 70 mm wide, then under 11.5°

** Optionally available with groove 17

*** Only 1 thread between each 2 jaws

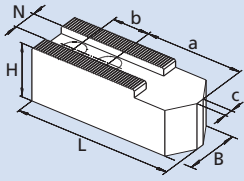
**** Thread spacing 20 mm (double T-nut) used in metric serration

HFKS-2G

INCH / METRIC
SERRATION

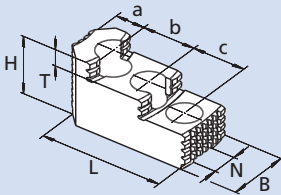
■ Jaws*

AWB-D (INCH SERRATION) Soft top jaws



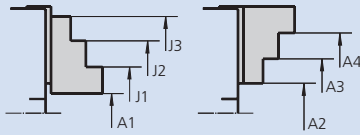
| Chuck | HFKS-2G-D 165 | HFKS-2G-D 210 | HFKS-2G-D 255 | HFKS-2G-D 320 |
|-----------|---------------|---------------|---------------|---------------|
| Jaw type | AWB-D | AWB-D | AWB-D | AWB-D |
| Id. No. | 035954 | 081616 | 081618 | 081618 |
| Serration | 1/16" x 90° | 1/16" x 90° | 1/16" x 90° | 1/16" x 90° |
| B | 40 | 40 | 50 | 50 |
| H | 40 | 40 | 50 | 50 |
| L | 80 | 90 | 120 | 120 |
| N | 14 | 17 | 21 | 21 |
| a | 43 | 53 | 70 | 70 |
| b | 22 | 22 | 28 | 28 |
| c | 4 | 4 | 6 | 6 |
| kg / set | 2.0 | 2.7 | 5.1 | 5.1 |

MHB-D* (INCH SERRATION) Hard, reversible top jaws

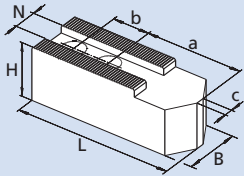


| Chuck | HFKS-2G-D 165 | HFKS-2G-D 210 | HFKS-2G-D 255 | HFKS-2G-D 320 |
|-----------|---------------|---------------|---------------|---------------|
| Jaw type | MHB-D | MHB-D | MHB-D | MHB-D |
| Id. No. | 12081636 | 12082036 | 12083036 | 12083036 |
| Serration | 1/16" x 90° | 1/16" x 90° | 1/16" x 90° | 1/16" x 90° |
| B | 34 | 40 | 45 | 45 |
| H | 39 | 45 | 56 | 56 |
| L | 65 | 82 | 105 | 105 |
| T | 10 | 10.5 | 13.5 | 13.5 |
| N | 14 | 17 | 21 | 21 |
| a | 18 | 19 | 26 | 26 |
| b | 16 | 23 | 30 | 30 |
| c | 16 | 23 | 30 | 30 |
| kg / set | 0.9 | 1.71 | 2.85 | 2.85 |
| A1 | 23-83 | 26-105 | 16-110 | 35-162 |
| A2 | - | - | - | - |
| A3 | 70-128 | 78-155 | 93-193 | 85-257 |
| A4 | 118-183 | 156-235 | 178-273 | 170-342 |
| J1 | 73-133 | 81-155 | 68-153 | 75-217 |
| J2 | 123-183 | 151-235 | 149-237 | 130-302 |
| J3 | 153-219 | 196-270 | 218-313 | 205-372 |

Clamping ranges

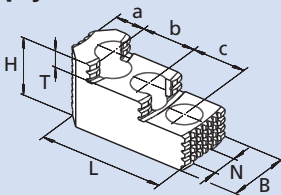


AWB-M (METRIC SERRATION) Soft top jaws



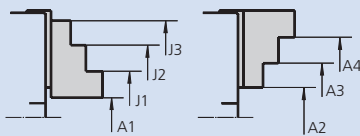
| Chuck | HFKS-2G-M 165 | HFKS-2G-M 210 | HFKS-2G-M 255 | HFKS-2G-M 320 |
|-----------|---------------|---------------|---------------|---------------|
| Jaw type | AWB-M | AWB-M | AWB-M | AWB-M |
| Id. No. | 081719 | 081720 | 081722 | 236517 |
| Serration | 1.5 x 60° | 1.5 x 60° | 1.5 x 60° | 1.5 x 90° |
| B | 30 | 35 | 40 | 50 |
| H | 32 | 40 | 42 | 50 |
| L | 82 | 102 | 125 | 145 |
| N | 12 | 14 | 16 | 21 |
| a | 47 | 57 | 65 | 85 |
| b | 20 | 25 | 30 | 30 |
| c | 4 | 4 | 6 | 10 |
| kg / set | 1.4 | 2.7 | 3.95 | 6.83 |

MHB-M* (METRIC SERRATION) Hard, reversible top jaws



| Chuck | HFKS-2G-M 165 | HFKS-2G-M 210 | HFKS-2G-M 255 | HFKS-2G-M 320 |
|-----------|---------------|---------------|---------------|---------------|
| Jaw type | MHB-M | MHB-M | MHB-M | MHB-M |
| Id. No. | 12081627 | 12082127 | 12082627 | 12083037 |
| Serration | 1.5 x 60° | 1.5 x 60° | 1.5 x 60° | 1.5 x 60° |
| B | 34 | 40 | 45 | 45 |
| H | 39 | 45 | 56 | 56 |
| L | 67 | 86 | 100 | 105 |
| T | 10 | 10.5 | 15.5 | 13.5 |
| N | 12 | 14 | 16 | 21 |
| a | 14 | 19 | 23 | 26 |
| b | 20 | 25 | 30 | 30 |
| c | 20 | 25 | 30 | 30 |
| kg / set | 0.9 | 1.8 | 2.55 | 2.85 |
| A1 | 23-83 | 26-105 | 16-110 | 35-162 |
| A2 | - | - | - | - |
| A3 | 70-128 | 78-155 | 93-193 | 85-257 |
| A4 | 118-183 | 156-235 | 178-273 | 170-342 |
| J1 | 73-133 | 81-155 | 68-153 | 75-217 |
| J2 | 123-183 | 151-235 | 149-237 | 130-302 |
| J3 | 153-219 | 196-270 | 218-313 | 205-372 |

Clamping ranges



*Attention: The values are calculated theoretical values only. SMW-AUTOBLOK is recommending not to clamp any diameters, that are larger than the chuck O.D.

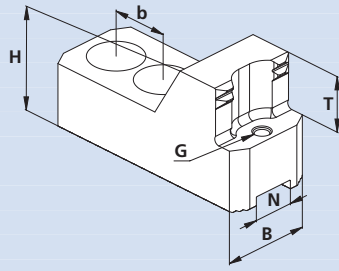
JAWS-CATALOG

Request or
download:
www.smw-autoblok.de



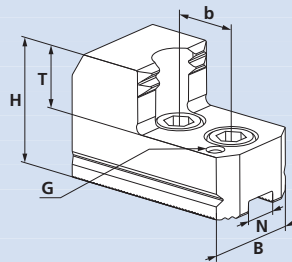
■ Jaws*

GG-D (INCH SERRATION) Hard roughing jaws



| Type | Id. No. | External clamping | Internal clamping | B | H | T | G | N | Serration | b | kg / Set | SMW-AUTOBLOK Chuck |
|----------|---------|-------------------|-------------------|------|----|----|----|----|-------------|------|----------|--------------------|
| GG-D 010 | 090732 | 30-56 | - | 35 | 45 | 20 | M6 | 14 | 1/16" x 90° | 16.5 | 1.77 | HFKS-2G-D 165 |
| GG-D 011 | 090733 | 64-90 | 167-193 | | | | | | | | 1.26 | |
| GG-D 012 | 090734 | 102-128 | 129-155 | | | | | | | | 1.13 | |
| GG-D 013 | 090735 | 137-163 | 94-120 | 35 | 50 | 25 | M6 | 17 | 1/16" x 90° | 22 | 1.08 | HFKS-2G-D 210 |
| GG-D 030 | 081057 | 27-77 | - | | | | | | | | 1.87 | |
| GG-D 031 | 081058 | 53-103 | 212-262 | | | | | | | | 1.55 | |
| GG-D 032 | 081059 | 88-138 | 177-227 | 40 | 45 | 20 | M6 | 17 | 1/16" x 90° | 22 | 1.24 | HFKS-2G-D 255 |
| GG-D 033 | 081060 | 112-162 | 133-183 | 1.29 | | | | | | | | |
| GG-D 034 | 090811 | 143-193 | 102-152 | 1.73 | | | | | | | | |
| GG-D 035 | 090812 | - | 82-132 | 40 | 50 | 25 | M8 | 21 | 1/16" x 90° | 29** | 2.06 | HFKS-2G-D 320 |
| GG-D 050 | 081065 | 30-84 | - | 3.38 | | | | | | | | |
| GG-D 051 | 081066 | 77-131 | 237-291 | 2.57 | | | | | | | | |
| GG-D 052 | 081067 | 105-159 | 209-263 | 60 | 59 | 28 | M8 | 21 | 1/16" x 90° | 29** | 3.14 | HFKS-2G-D 320 |
| GG-D 053 | 081068 | 148-202 | 166-220 | 2.75 | | | | | | | | |
| GG-D 054 | 090817 | 189-243 | 125-179 | 3.85 | | | | | | | | |
| GG-D 055 | 090818 | - | 85-139 | 60 | 46 | 15 | M8 | 21 | 1/16" x 90° | 29** | 4.74 | HFKS-2G-D 320 |
| GG-D 056 | 090819 | - | 75-129 | 3.06 | | | | | | | | |
| GG-D 060 | 081069 | 41-135 | - | 3.76 | | | | | | | | |
| GG-D 061 | 081070 | 93-187 | 277-371 | 60 | 59 | 28 | M8 | 21 | 1/16" x 90° | 29** | 4.61 | HFKS-2G-D 320 |
| GG-D 062 | 080552 | 139-233 | 231-325 | 3.65 | | | | | | | | |
| GG-D 063 | 081071 | 201-295 | 169-263 | 3.80 | | | | | | | | |
| GG-D 064 | 090820 | 262-356 | 108-202 | 60 | 51 | 20 | M8 | 21 | 1/16" x 90° | 29** | 4.48 | HFKS-2G-D 320 |

GG-M (METRIC SERRATION) Hard roughing jaws



| Type | Id. No. | External clamping | Internal clamping | B | H | T | G | N | Serration | b | kg / Set | SMW-AUTOBLOK Chuck |
|----------|---------|-------------------|-------------------|----|---------|---------|----|------|-----------|----|----------|--------------------|
| GG-M 010 | 5311500 | 36-62 | - | 35 | 45 | 20 | M5 | 12 | 1.5 x 60° | 20 | 1.63 | HFKS-2G-M 165 |
| GG-M 020 | 5311501 | 56-82 | - | | | | M6 | | | | 4.16 | |
| GG-M 030 | 5317820 | 82-108 | 154-180 | | | | M6 | | | | 1.29 | |
| GG-M 040 | 5317821 | 108-134 | 128-154 | 40 | 42 | 25 | M6 | 14 | 1.5 x 60° | 25 | 1.42 | HFKS-2G-M 210 |
| GG-M 050 | 5317822 | 132-158 | 104-130 | | | | M6 | | | | 1.29 | |
| GG-M 060 | 5318113 | 154-180 | 114-140 | | | | M6 | | | | 1.39 | |
| GG-M 070 | 5317971 | - | 65-91 | M6 | 1.34 | | | | | | | |
| GG-M 080 | 5311502 | 42-92 | - | 35 | 50 | 25 | M5 | 16 | 1.5 x 60° | 30 | 2.00 | HFKS-2G-M 255 |
| GG-M 090 | 5317465 | 81-131 | 189-239 | 40 | M6 | 1.86 | | | | | | |
| GG-M 100 | 5317466 | 120-170 | 150-200 | 40 | M6 | 1.74 | | | | | | |
| GG-M 110 | 5317467 | 162-212 | 108-158 | 40 | 50 | 112-166 | M6 | 21 | 1.5 x 60° | 30 | 2.34 | HFKS-2G-M 320 |
| GG-M 120 | 5317468 | 200-250 | 70-120 | 40 | | | M6 | | | | 2.34 | |
| GG-M 130 | 5317469 | 31-85 | - | 45 | | | 59 | | | | 28 | |
| GG-M 140 | 5317470 | 66-120 | - | 60 | 104-158 | 213-267 | M6 | 16 | 1.5 x 60° | 30 | 3.27 | HFKS-2G-M 320 |
| GG-M 150 | 5317471 | 104-158 | 213-267 | | | | M6 | | | | 3.65 | |
| GG-M 160 | 5317472 | 140-194 | 176-230 | | | | M6 | | | | 2.55 | |
| GG-M 170 | 5317473 | 172-226 | 112-166 | 50 | 207-261 | 109-163 | M6 | 16 | 1.5 x 60° | 30 | 3.61 | HFKS-2G-M 320 |
| GG-M 180 | 5317474 | 207-261 | 109-163 | 50 | | | M6 | | | | 3.71 | |
| GG-M 200 | 5311504 | 25-119 | - | 45 | | | 59 | | | | 28 | |
| GG-M 210 | 5317477 | 95-189 | - | 50 | 145-239 | 92-186 | M8 | 21 | 1.5 x 60° | 30 | 3.70 | HFKS-2G-M 320 |
| GG-M 220 | 5317478 | 163-257 | 223-317 | | | | M8 | | | | 3.32 | |
| GG-M 230 | 5317479 | 227-321 | 145-239 | | | | M8 | | | | 4.67 | |
| GG-M 240 | 5317480 | - | 92-186 | 50 | 22 | M8 | 21 | 5.24 | | | | |

* Attention: The values are calculated theoretical values only. SMW-AUTOBLOK is recommending not to clamp any diameters, that are larger than the chuck O.D.

** Can be used with double T-nuts hole spacing 28 mm and 30 mm

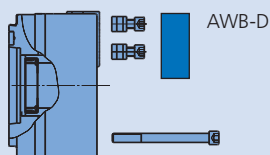
HFKS-2G

INCH / METRIC
SERRATION

■ Ordering review

Order review HFKS-2G-D (inch serration)

HFKS-2G-D with soft top jaws AWB-D

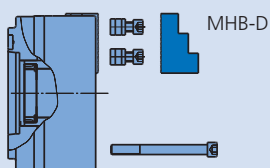


Supply range:

- Chuck + mounting bolts
- Soft top jaws AWB-D
- 1 set (= 6 pcs.) T-nuts with bolts

| Size | HFKS-2G-D 165-46 | HFKS-2G-D 210-58 | HFKS-2G-D 255-72 | HFKS-2G-D 320-88 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| Spindle mounting | | | | |
| Centering rim small | - | - | - | Z 220 163749 |
| Centering rim large | Z140 163741 | Z 170 163745 | Z 220 163747 | Z 300 163750 |
| A 05 | 163744 | - | - | - |
| A 06 | - | 163746 | - | - |
| A 08 | - | - | 163748 | 163751 |
| A 11 | - | - | - | 163752 |

HFKS-2G-D with hardened reversible top jaws MHB-D



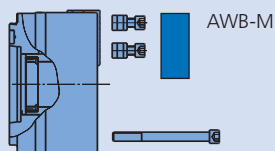
Supply range:

- Chuck + mounting bolts
- Hardened ground reversible top jaws MHB-D
- 1 set (= 6 pcs.) T-nuts with bolts

| Size | HFKS-2G-D 165-46 | HFKS-2G-D 210-58 | HFKS-2G-D 255-72 | HFKS-2G-D 320-88 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| Spindle mounting | | | | |
| Centering rim small | - | - | - | Z220 162884 |
| Centering rim large | Z140 163740 | Z170 162880 | Z220 162882 | Z300 162885 |
| A 05 | 163743 | - | - | - |
| A 06 | - | 162881 | - | - |
| A 08 | - | - | 162883 | 162886 |
| A 11 | - | - | - | 162887 |

Order review HFKS-2G-M (metric serration)

HFKS-2G-M with soft top jaws AWB-M

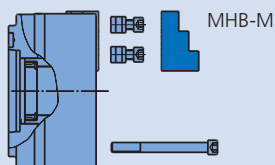


Supply range:

- Chuck + mounting bolts
- Soft top jaws AWB-M
- 1 set (= 6 pcs.) T-nuts with bolts

| Size | HFKS-2G-M 165-46 | HFKS-2G-M 210-58 | HFKS-2G-M 255-72 | HFKS-2G-M 320-88 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| Spindle mounting | | | | |
| Centering rim small | - | - | - | Z 220 162749 |
| Centering rim large | Z140 163755 | Z 170 162734 | Z 220 162739 | Z 300 162763 |
| A 05 | 163758 | - | - | - |
| A 06 | - | 162737 | - | - |
| A 08 | - | - | 162748 | 162598 |
| A 11 | - | - | - | 162776 |

HFKS-2G-M with hardened reversible top jaws MHB-M



Supply range:

- Chuck + mounting bolts
- Hardened ground reversible top jaws MHB-M
- 1 set (= 6 pcs.) T-nuts with bolts

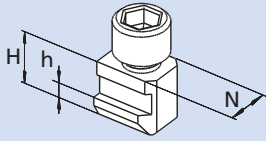
| Size | HFKS-2G-M 165-46 | HFKS-2G-M 210-58 | HFKS-2G-M 255-72 | HFKS-2G-M 320-88 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| Spindle mounting | | | | |
| Centering rim small | - | - | - | Z220 162762 |
| Centering rim large | Z140 163754 | Z170 162735 | Z220 162747 | Z300 162764 |
| A 05 | 163757 | - | - | - |
| A 06 | - | 162788 | - | - |
| A 08 | - | - | 162746 | 162599 |
| A 11 | - | - | - | 162777 |

HFKS-2G

INCH / METRIC
SERRATION

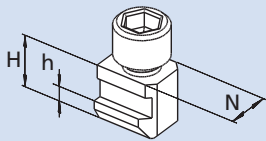
■ T-Nuts

NST T-nuts suitable for HFKS-2G-D



| Chuck | HFKS-2G-D 165 | HFKS-2G-D 210 | HFKS-2G-D 255 | HFKS-2G-D 320 |
|-----------------------------|---------------|---------------|---------------|---------------|
| T-nut type | NST14-3 | NST17 | NST21 | NST21 |
| Id. No. | 163134 | 016021 | 014788 | 014788 |
| | N | 14 | 21 | 21 |
| | H | 20 | 27 | 27 |
| | h | 7.5 | 10 | 10 |
| Cyl.-screw ISO 4762-12.9 | M10 x 25 | M12 x 30 | M16 x 35 | M16 x 35 |
| Torque Md max. (Nm) | 50 | 70 | 150 | 150 |

NST / NSTE-M T-nuts suitable for HFKS-2G-M



| Chuck | HFKS-2G-M 165 | HFKS-2G-M 210 | HFKS-2G-M 255 | HFKS-2G-M 320 |
|-----------------------------|---------------|---------------|---------------|---------------|
| T-nut type | NSTE-M120 | NST17/14 | NST21/16 | NST21-6 |
| Id. No. | 73061602* | 036976 | 162744 | 034197 |
| | N | 12 | 16 | 21 |
| | H | 18.5 | 26.5 | 26.5 |
| | h | 6.5 | 10 | 10 |
| Cyl.-screw ISO 4762-12.9 | M10 x 20 | M12 x 25 | M12 x 30 | M16 x 30 |
| Torque Md max. (Nm) | 50 | 70 | 70 | 150 |

* Double T-nut thread spacing 20 mm

**Important for maintenance and safe operation,
to be ordered with the chuck**

Interflon Grease 2 / 3

Special grease for
manual and power chucks

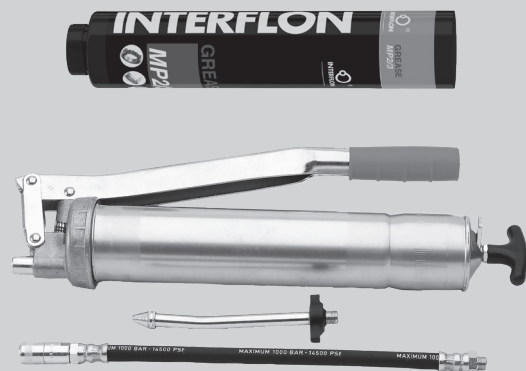


Cartridge 14 Oz. (DIN 1284)
Grease content 400ml
Id. No. 205087

- Ideal for high speed applications
- High adhesion
- High resistance against coolant
- High load bearing capacity
- Low friction coefficient
- Avoids tribocorrosion

Grease gun

Grease gun (DIN 1283) for
cartridges 14 Oz. (DIN 1284)



Lubrication set Id. No. 083726

Supply range

- Grease gun
- 1 Adapter flexible for high pressure grease fitting
- 1 Adapter for cone grease fitting