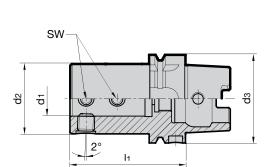
# **Product information**

- for quick change chucks and synchro tapping chucks with straight shank
- HSK-A to ISO 12164-1/DIN 69893-1

# Scope of delivery

- incl. clamping screws Series no. 4903, EDP # 16,001
- order coolant supply set Series no. 4949 separately



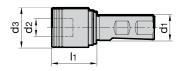


|                         |                      |                      |                      |    |      |          | 4343          |  |
|-------------------------|----------------------|----------------------|----------------------|----|------|----------|---------------|--|
| HSK-A<br>d <sub>3</sub> | d <sub>1</sub><br>mm | d <sub>2</sub><br>mm | l <sub>1</sub><br>mm | SW | kg   | Code no. | EDP Number    |  |
| 50                      | 25                   | 50                   | 80                   | 6  | 0.89 | 25.050   | 9043430250500 |  |
| 63                      | 25                   | 50                   | 82                   | 6  | 1.26 | 25.063   | 9043430250630 |  |
| 80                      | 25                   | 50                   | 87                   | 6  | 3.10 | 25.080   | 9043430250800 |  |
| 100                     | 25                   | 50                   | 89                   | 6  | 4.08 | 25.100   | 9043430251000 |  |
|                         |                      |                      |                      |    |      |          |               |  |

# Quick change tapping chucks without internal cooling

# **Product information**

- quick change tapping chucks are provided with a ball guided length compensator that compensates any length difference between spindle feed and pitch of tap thread
- combination shank similar to DIN 1835 for side lock holders





|               |                      |                      |                      |                      |                                 |      | Series no. | 4340          |
|---------------|----------------------|----------------------|----------------------|----------------------|---------------------------------|------|------------|---------------|
| for<br>thread | d <sub>1</sub><br>mm | d <sub>2</sub><br>mm | d <sub>3</sub><br>mm | l <sub>1</sub><br>mm | tension/<br>compression<br>± mm | kg   | Code no.   | EDP Number    |
| M3-M12        | 25                   | 19                   | 39                   | 45                   | 7.5                             | 0.45 | 19.025     | 9043400190250 |
| M8-M20        | 25                   | 31                   | 60                   | 68                   | 10.0                            | 1.10 | 31.025     | 9043400310250 |
|               |                      |                      |                      |                      |                                 |      |            |               |
|               |                      |                      |                      |                      |                                 |      |            |               |

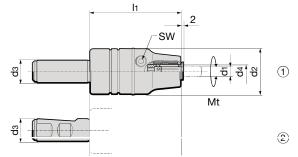
# **Product information**

- compensates synchronisation errors
- guarantees best thread quality and optimal life
- minimal length compensation ± 0,3 mm in tension and compression direction balances very small pitch differences between synchro spindle and tap
- reduces an increase in axial forces during the cutting cycle to a minimum
- convenient hydraulic clamping using reduction sleeves with active drive
- length-setting screw allows 3 mm readjustment
- Type 1: straight shank for precision clamping chucks (hydraulic chucks or precision power chucks, shrink fit chucks for single application)

  Type 2: combination shank similar to DIN 1835

Type 2: combination shank similar to DIN 1835 for side lock holders

- suitable for internal cooling identifiable by black colored ring
- coolant pressure up to max. 80 bar



#### Scope of delivery

- incl. hexagon clamping key Series no. 4912
- incl. adjustment key for adjustment screws
- order setting screw "face"
   Series no. 4364 separately
- order reduction sleeves
   Series no. 4605 or 4606 separately



# **GÜHRO**Sync

|                         |                      | N    |                                  | '             |                      |                      |         |    | :   | Series no. | 4525          |
|-------------------------|----------------------|------|----------------------------------|---------------|----------------------|----------------------|---------|----|-----|------------|---------------|
| d <sub>3</sub> h6<br>mm | d <sub>4</sub><br>mm | type | for<br>shank Ø<br>d <sub>1</sub> | for<br>thread | d <sub>2</sub><br>mm | l <sub>1</sub><br>mm | Mt max. | SW | kg  | Code no.   | EDP Number    |
| 20                      | 12.00                | 1    | 2.8-10                           | M2-M12        | 40                   | 80                   | 26 Nm   | 4  | 0.7 | 12.020     | 9045250120200 |
| 20                      | 20.00                | 1    | 6-16                             | M4.5-M20      | 40                   | 94                   | 90 Nm   | 5  | 0.8 | 20.020     | 9045250200200 |
| 25                      | 12.00                | 2    | 2.8-10                           | M2-M12        | 40                   | 80                   | 26 Nm   | 4  | 0.7 | 12.025     | 9045250120250 |
| 25                      | 20.00                | 2    | 6-16                             | M4.5-M20      | 40                   | 94                   | 90 Nm   | 5  | 0.8 | 20.025     | 9045250200250 |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |
|                         |                      |      |                                  |               |                      |                      |         |    |     |            |               |