

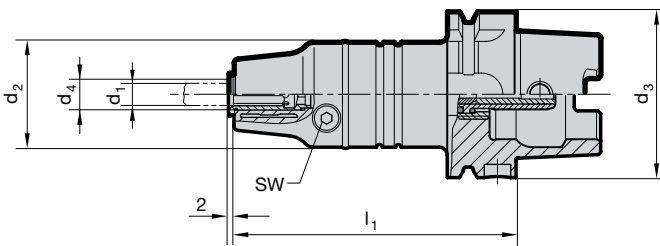
MQL HSK-A hydraulic synchro tapping chucks for 2 channel systems and automatic tool change

Product information

- for MQL 2 channel systems
- MQL coolant pressure up to max. 16 bar
- compensates synchronisation errors
- guarantees high thread quality and optimal tool life
- minimal length compensation 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
- Guhring MQL identifiable by green colored ring

Scope of delivery

- incl. hexagon clamping key Guhring no. 4912
- incl. MQL coolant delivery set for automatic tool change Guhring no. 4511
- incl. adjustment key for MQL adjustment screws
- order MQL adjustment screw Guhring no. 4305 separately
- order reduction sleeves Guhring no. 4605 or 4606 separately



Series Number **4603**

| HSK-A d ₃ | d ₄ mm | for shank-Ø d ₁ | for thread | d ₂ mm | l ₁ mm | tension/ compr. ± mm | SW | kg | Order Code | EDP Numbers |
|-------------------------|----------------------|----------------------------------|---------------|----------------------|----------------------|----------------------------|----|-----|---------------|---------------|
| 63 | 12 | 2.8 to 10 | M3 to M12 | 40 | 106.5 | 0.3 | 4 | 1.5 | 12.063 | 9046030120630 |
| 63 | 20 | 6 to 16 | M8 to M20 | 40 | 120.5 | 0.3 | 5 | 1.6 | 20.063 | 9046030200630 |
| 100 | 12 | 2.8 to 10 | M3 to M12 | 40 | 113 | 0.3 | 4 | 2.8 | 12.100 | 9046030121000 |
| 100 | 20 | 6 to 16 | M8 to M20 | 40 | 127 | 0.3 | 5 | 2.9 | 20.100 | 9046030201000 |