

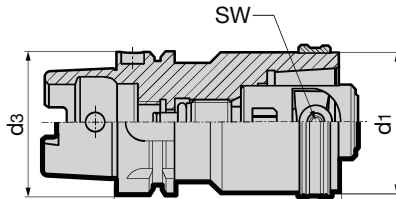
HSK-A/HSK-C extensions with MQL 4-point clamping sets

Product information

- suitable for MQL
- for single channel systems
- for holding HSK-A/C shanks to ISO 12164-1/DIN 69893-1

Scope of delivery

- incl. MQL 4-point clamping set Series no. 4930 and adaptor for extensions
- incl. brass lock ring Series no. 4953
- order coolant supply set Series no. 4949 separately:
- order MQL coolant supply set separately:
 - for automatic tool change Series no. 4939 (HSK32 Series no. 4508)
 - for manual tool change Series no. 4940 (HSK32 Series no. 4513)

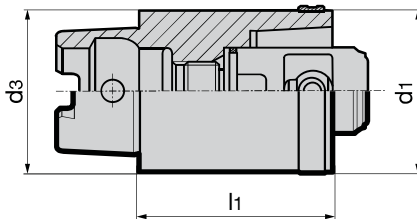


					Series no.	4350
HSK-A/HSK-C d ₁ / d ₃	l ₁ mm	SW	kg	Code no.	EDP Number	
32	60	2.5	0.30	60.032	9043500600320	
40	80	3.0	0.70	80.040	9043500800400	
50	80	4.0	1.00	80.050	9043500800500	
50	100	4.0	1.30	100.050	9043501000500	
63	100	5.0	2.10	100.063	9043501000630	
63	140	5.0	3.10	140.063	9043501400630	
80	120	6.0	4.20	120.080	9043501200800	
80	160	6.0	5.70	160.080	9043501600800	
100	140	8.0	7.70	140.080	9043501401000	

HSK-C extensions

Product information

- incl. clamping set Series no. 4958 for conventional cooling
- incl. brass lock ring Series no. 4953
- for holding HSK-A/C shanks to ISO 12164-1/DIN 69893-1



					Series no.	4351
HSK-C d ₁ / d ₃	l ₁ mm	SW	kg	Code no.	EDP Number	
25	40	2.5	0.14	40.025	9043510400250	
32	40	2.5	0.22	40.032	9043510400320	
40	50	3.0	0.44	50.040	9043510500400	
50	60	4.0	0.81	60.050	9043510600500	
63	80	5.0	1.74	80.063	9043510800630	

HSK
clamping technology

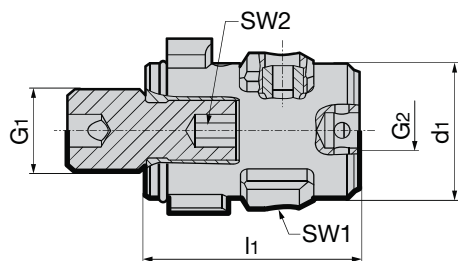
4-point clamping sets for conventional cooling

Product information

- for a coolant pressure up to 80 bar
- for radial manual HSK tool clamping
- for clamping HSK-A/C shanks to ISO 12164-1/DIN 69893

Scope of delivery

- including installation and operating instructions

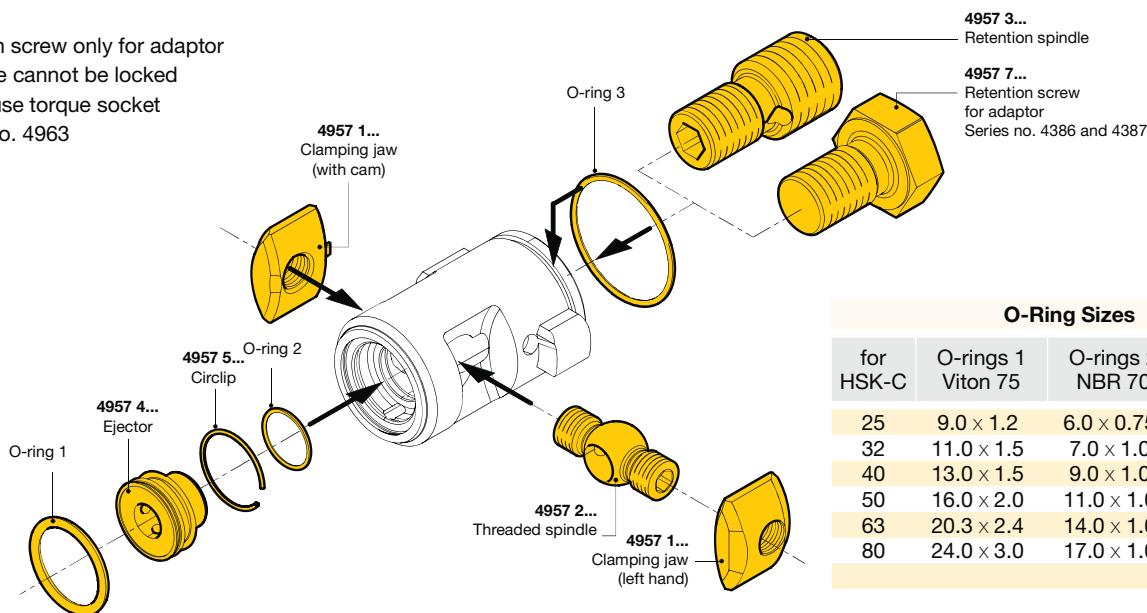


Series no. **4958**

HSK-A/C	d ₁ mm	l ₁ mm	G1	G2	SW1	SW2	kg	Code no.	EDP Number
25	13.8	30.30	M 8	M 4	2.5	3	0.025	19.000	9049580190000
32	16.7	35.75	M10	M 5	2.5	4	0.050	24.000	9049580240000
40	20.6	43.70	M12	M 6	3.0	5	0.080	30.000	9049580300000
50	25.5	53.70	M16	M 8	4.0	6	0.150	38.000	9049580380000
63	33.0	71.20	M20	M10	5.0	8	0.310	48.000	9049580480000
80	41.0	90.10	M24	M12	6.0	10	0.640	60.000	9049580600000

Component parts for 4-point clamping set Series no. 4958. separate or set

- retention screw only for adaptor
- if spindle cannot be locked please use torque socket Series no. 4963



O-Ring Sizes

for HSK-C	O-rings 1 Viton 75	O-rings 2 NBR 70	O-rings 3 NBR 70
25	9.0 × 1.2	6.0 × 0.75	11.0 × 1.0
32	11.0 × 1.5	7.0 × 1.0	14.0 × 1.0
40	13.0 × 1.5	9.0 × 1.0	17.0 × 1.0
50	16.0 × 2.0	11.0 × 1.0	22.0 × 1.5
63	20.3 × 2.4	14.0 × 1.0	28.0 × 1.5
80	24.0 × 3.0	17.0 × 1.0	35.0 × 1.5

HSK clamping technology

EDP Numbers for Series 4957

for HSK-C	Clamping jaw set	Threaded spindle	Retention spindle	Ejector	Circlip	Retention screw	EDP Numbers
25	9049570010190	9049570020190	9049570030190	9049570040190	9049570050190	9049570070190	9049590190000
32	9049570010240	9049570020240	9049570030240	9049570040240	9049570050240	9049570070240	9049590240000
40	9049570010300	9049570020300	9049570030300	9049570040300	9049570050300	9049570070300	9049590300000
50	9049570010380	9049570020380	9049570030380	9049570040380	9049570050380	9049570070380	9049590380000
63	9049570010480	9049570020480	9049570030480	9049570040480	9049570050480	9049570070480	9049590480000
80	9049570010600	9049570020600	9049570030600	9049570040600	9049570050600	9049570070600	9049590600000

Set no. 4959