

MOUNTING TOOLS

for replacement of system seals at coupling mechanisms



Mounting tool with inserted system seal prior to pressing into the coupling mechanism

Innovation starts in detail:

Coupling mechanisms by HYDROKOMP are designed in such a way that the front system seal can be replaced.

This seal is subject to wear in daily use as a result of contamination and metal fillings.

If the coupling mechanism itself shows no damage the system seal can be replaced separately.

This can be done by the user or external service personnel.

HYDROKOMP has developed a suitable mounting tool to realise the replacement of the system seal simply and safe.

Replacing the system seal:

Pull out the old damaged system seal from the pilot groove by a scriber.

Insert the new system seal into the peak of the mounting tool manually and set the tool to position above the coupling mechanism.

Through manual pressure insert the system seal exactly and in correct bearing position into the axial groove of the coupling mechanism.

Its replacement is simple to handle and can be done in only a few minutes to make the coupling mechanism ready for the next use.

Order numbers:

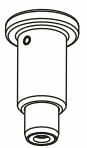
Term:	3	5	8	12
Mounting tool	9000-011	9000-010	9000-013	request
System seal, red ⁽¹⁾	D-3-001	D-460-5-001	D-460-8-001	D-12-001
System seal, yellow ⁽¹⁾	D-3-002	D-460-5-002	D-460-8-002	D-12-002

⁽¹⁾System seal red = for coupling without pressure, yellow = for coupling under pressure
Packaging unit = 10 pcs.



Webcode: 010005

We also design and manufacture special tools



Advantages:

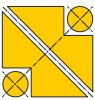
- ⊗ Cost-reducing equipment
- ⊗ Long service life of the coupling mechanisms
- ⊗ Minimised machine down time
- ⊗ Higher availability of machine tools
- ⊗ Preventive maintenance possible
- ⊗ Appropriate system seals available

Measures:

max. Ø 30 mm, length 77 mm



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Screw-in tools for coupling elements



Screw-in tools:

These tools are used to screw the coupling mechanisms and coupling nipples secure into the housing.

The screw-in tool can be tightened for example by a cordless powered screwdriver or wrench.

There are different screw-in tools for coupling mechanisms and coupling nipples available. They differ in their pin assignment and various nominal diameters.

Order numbers:

Tool	Nominal diameter	suitable for	
9000-057	3	Coupling mechanism	KM-3-EG001
		Coupling nipple	KN-3-EG001
		Coupling mechanism	KM-3-EG002
		Coupling nipple	KN-3-EG002
9000-007	5	Coupling mechanism	KM-460-5-EG008
		Coupling nipple	KN-460-5-EG003
		Coupling mechanism	KM-460-5-EG002
		Coupling nipple	KN-460-5-EG002
9000-012	5	Coupling nipple	KN-460-5-EG004
		Coupling nipple	KN-460-5-EG001
		Coupling nipple	KN-460-5-EG006
		Coupling mechanism	KM-460-5-EG004
9000-014	5	Coupling mechanism	KM-460-5-EG004
		Coupling mechanism	KM-460-5-EG007
9000-058	8	Coupling mechanism	KM-460-8-EG001
9000-173		Coupling nipple	KN-460-8-EG001
9000-058	8	Coupling mechanism	KM-460-8-EG002
9000-173		Coupling nipple	KN-460-8-EG002
-	12	Coupling mechanism	KM-12-EG001
-		Coupling nipple	KN-12-EG001
-		Coupling mechanism	KM-12-EG002
-		Coupling nipple	KN-12-EG002