Quick Couplers System S-Lock 0.5-11t / *1,100-24,200lbs* KMS-S / KHS-S

The S-Lock System was designed to be fully compatible with the internationally adopted S-Standard adapters. In addition to a specially engineered, centrally located locking mechanism, the S-Lock coupler features a second locking mechanism at the front pin, providing a twin lock system for maximum safety.

- **KMS-S with mechanic locking system**.
- **KHS-S with hydraulic locking system**.
- **Safe** mechanic or hydraulic **locking** available.
- Use of **robust and durable cast housings.**
- **Fully compatible with the original quick coupler systems or standards.**
- Fully comply with all applicable national and international standards and regulations, including **Machinery Directive 2006/42/EG, DIN EN 474-1, DIN EN 474-5, ISO13031 and SUVA.**

KHS45S here with hook

Request? buc@kinshofer.com

Mechanic Quick Couplers KMS-S

Type	Locking	Weight (kg/lbs)	Operating weight (t/lbs)
KMS30S-150	mechanic	18 / 39.6	0.5 - 2.0 / 1,100 - 4,400
KMS30S-180	mechanic	18 / 39.6	0.5 - 2.0 / 1,100 - 4,400
KMS40S	mechanic	50 /121	2.0 - 6.0 / 4,400 - 13,200
KMS45S	mechanic	90 / 198	6.0 - 11.0 / 13,200 - 24,200
KMS50S	mechanic	88 / 194	6.0 - 11.0 / 13,200 - 24,200

Package consists of: mechanic quick coupler, socket

Hydraulic Quick Couplers KHS-S

Type	Locking	Weight (kg/lbs)	Operating weight (t/lbs)
KHS30S-150	hydraulic	15 / 33	0.5 - 2.0 / 1,100 - 4,400
KHS30S-150	hydraulic	15 / 33	0.5 - 2.0 / 1,100 - 4,400
KHS40S	hydraulic	50 /121	2.0 - 6.0 / 4,400 - 13,200
KHS45S	hydraulic	90 / 198	6.0 - 11.0 / 13,200 - 24,200
KHS50S	hydraulic	88 / 194	6.0 - 11.0 / 13,200 - 24,200

Package consists of: hydraulic quick coupler

Installation sets for hydraulic Quick Couplers KHS-S

Type	Description
KHS03L HD-KHS08L installation set safety	incl. KHS Control unit
KHS03L HD-KHS08L installation set basic	incl. unlockable flip switch (hold to run)

Accessories

Type	Description
KM 685 06 KSW01 hook	load hook (1t / 2,200lbs load capacity) for KMS/KHS30S
KM 685 06 KSW03 hook 3t	load hook (3t / 6,600lbs load capacity) for KMS/KHS40S
KM 685 06 KSW08 hook	load hook (5t / 11,000lbs load capacity) for KMS/KHS45S and KMS/KHS50S

Requirements of carrier machine for KHS-S

	KHS30S / KHS40S	KHS45S / KHS50S
Hydraulic system:	min. 80 - max. 270 bar bei 7 - 14 l/min min. 1,152 - max. 3,888 psi at 1.8 - 3.7 GPM one double-acting hydraulic circuit	min. 80 - max. 300 bar bei 7 - 14 l/min min. 1,152 - max. 4,320 psi at 1.8 - 3.7 GPM one double-acting hydraulic circuit
Note:	excavator needs to be equipped with quick coupler control quick coupling systems of different manufacturers available	

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Quick Couplers System S-Lock 10-30t / *22,000-66,000lbs* KMS-S / KHS-S

The S-Lock System was designed to be fully compatible with the internationally adopted S-Standard adapters. In addition to a specially engineered, centrally located locking mechanism, the S-Lock coupler features a second locking mechanism at the front pin, providing a twin lock system for maximum safety.

- **KMS-S with mechanic locking system**.
- **KHS-S with hydraulic locking system**.
- **Safe** mechanic or hydraulic **locking** available.
- Use of **robust and durable cast housings.**
- **Fully compatible with the original quick coupler systems or standards.**
- Fully comply with all applicable national and international standards and regulations, including **Machinery Directive 2006/42/EG, DIN EN 474-1, DIN EN 474-5, ISO13031 and SUVA.**

KHS70S here with hook

Request? buc@kinshofer.com

Mechanic Quick Couplers KMS-S

Type	Locking	Weight (kg/lbs)	Operating weight (t/lbs)
KMS60S	mechanic	181 / 398	10 - 18 / 22,000 - 39,600
KMS70S	mechanic	298 / 656	18 - 30 / 39,600 - 66,000

Package consists of: mechanic quick coupler, socket

Hydraulic Quick Couplers KHS-S

Type	Locking	Weight (kg/lbs)	Operating weight (t/lbs)
KHS60S	hydraulic	183 / 403	10 - 18 / 22,000 - 39,600
KHS70S	hydraulic	300 / 660	18 - 30 / 39,600 - 66,000

Package consists of: hydraulic quick coupler

Installation sets for hydraulic Quick Couplers KHS-S

Type	Description
KHS03L HD-KHS08L installation set safety	incl. KHS Control unit
KHS03L HD-KHS08L installation set basic	incl. unlockable flip switch

Accessories

Type	Description
KM 685 06 KSW10 hook	load hook (8t / 17,600lbs load capacity) for KMS/KHS60S
KM 685 06 KSW21 hook	load hook (10t / 22,000lbs load capacity) for KMS/KHS70S

Requirements of carrier machine for KHS-S

Hydraulic system:	min. 80 - max. 300 bar bei 10 - 28 l/min / min. 1,152 - max. 4,320 psi at 2.6 - 7.4 GPM one double-acting hydraulic circuit with safety switch (permanent pressure close)
Note:	excavator needs to be equipped with quick coupler control quick coupling systems of different manufacturers available

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Accessories for Quick Couplers, Tilt Couplers and Rotary Couplers

unlockable flip switch (hold to run)

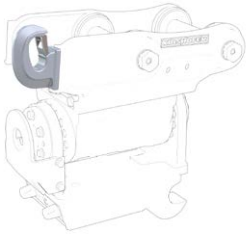
KHS Control

Installations sets for hydraulic quick couplers and tilt couplers

Type	Description
KHS01L-KHS03L installation set safety	incl. KHS Control unit
KHS01L-KHS03L installation set basic	incl. unlockable flip switch (hold to run)
KHS03L HD-KHS08L installation set safety	incl. KHS Control unit
KHS03L HD-KHS08L installation set basic	incl. unlockable flip switch (hold to run)

Non-return valve sets for hydraulic tilt couplers TC

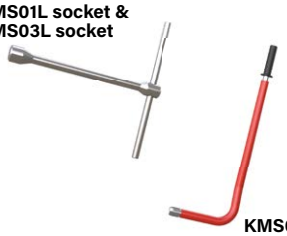
Type	Description
TC02-TC03-180 NRV	non-return valve set for TC02 and TC03
TC045-180 NRV	non-return valve set for TC045
TC07-180 NRV	non-return valve set for TC07
TC10-180 NRV	non-return valve set for TC10
TC14-140 NRV	non-return valve set for TC14



Load hook for quick couplers and tilt couplers

Type	Description
KM 685 06 KSW01 hook	load hook for system L-Lock (1t / 2,200lbs load capacity)
KM 685 06 KSW03 hook 2t	load hook for system L-Lock (2t / 4,400lbs load capacity)
KM 685 06 KSW03 hook 3t	load hook for system L-Lock (3t / 6,600lbs load capacity)
KM 685 06 KSW08 hook	load hook for system L-Lock (5t / 11,000lbs load capacity)

KMS01L socket & KMS03L socket



KMS08L socket

Sockets for mechanic quick couplers and tilt couplers

Type	Description
KMS01L socket	socket for mechanical System L-Lock (KMS01)
KMS03L socket	socket for mechanical System L-Lock (KMS03)
KMS08L socket	socket for mechanical System L-Lock (KMS08) and S-Lock

Quick coupling adapters for System L-Lock

Type	Description
KSW01 rigid	bolt-on adapter
KSW01 cardanic	adapter for cardanic suspension incl. suspension, w/o pendulum damper
KSW03 rigid	bolt-on adapter
KSW03 cardanic	adapter for cardanic suspension incl. suspension, w/o pendulum damper
KSW08 rigid	bolt-on adapter
KSW08 cardanic	adapter for cardanic suspension incl. suspension, w/o pendulum damper

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unlockable flip switch (hold to run)

KHS Control

Installations sets for hydraulic quick couplers and tilt couplers

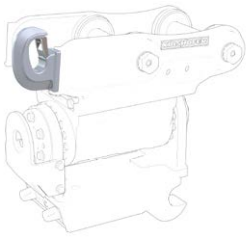
Type	Description
KHS03L HD-KHS08L installation set safety	incl. KHS Control unit
KHS03L HD-KHS08L installation set basic	incl. unlockable flip switch (hold to run)
KHS10L installation set safety	incl. KHS Control unit
KHS10L installation set basic	incl. unlockable flip switch (hold to run)
KHS21L installation set safety	incl. KHS Control unit
KHS21L installation set basic	incl. unlockable flip switch (hold to run)
KHS25L installation set safety	incl. KHS Control unit
KHS25L installation set basic	incl. unlockable flip switch (hold to run)

Locking sensor for hydraulic quick couplers and tilt couplers with System L-Lock

Type	Description
KHS-L-Sensor	2 sensors support the secure locking, only in combination with KHS10-25L installation set sensor
KHS10-25L installation set sensor	KHS-L installation set safety including cable loom for quick coupler sensors

Non-return valve sets for hydraulic tilt couplers TC

Type	Description
TC14-140 NRV	non-return valve set for TC14-140
TC19-140 NRV	non-return valve set for TC19-140
TC23-140 NRV	non-return valve set for TC23-140



Load hook for quick couplers and tilt couplers

Type	Description
KM 685 06 KSW10 hook	load hook (8t/17,600lbs load capacity)
KM 685 06 KSW21 hook	load hook (10t/22,000lbs load capacity)
KM 685 06 KSW25 hook	load hook (18t/39,600lbs load capacity)

Sockets for mechanic quick couplers and tilt couplers

Type	Description
KMS10L socket	socket for mechanical System L-Lock (KMS10L)
KMS21/25L socket	socket for mechanical System L-Lock (KMS21L/KMS25L)
KMS08L socket	socket for mechanical System S-Lock

Quick coupling adapters for System L-Lock

Type	Description
KSW10 rigid	bolt-on adapter
KSW10 cardanic	adapter for cardanic suspension incl. suspension, w/o pendulum damper
KSW21/25 rigid	bolt-on adapter
KSW21/25 cardanic	adapter for cardanic suspension incl. suspension, w/o pendulum damper

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