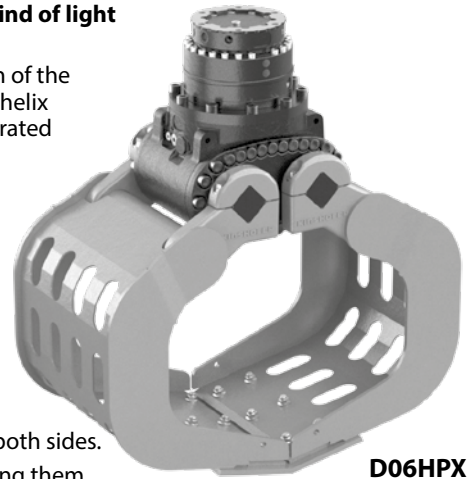


Demolition and Sorting Grabs with *HPXdrive* • *NEW* • D04HPX / D06HPX

The new demolition and sorting grabs with the low maintenance *HPXdrive* for excavators up to 4t / 8800 lbs or 6t / 13200 lbs operating weight – THE universal tool for all kind of light demolition and sorting work.

- *HPXdrive* – the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. No hydraulic cylinder required! Integrated non-return valve guarantees secure retention of the loads!
- 50% longer life cycle. The drive unit runs in a permanent oil bath – no lubrication necessary. Resistant against dirt and blows, due to the compact design.
- Including the new, flat 10t-rotator with 360° endless rotation for precise positioning.
- Constant closing forces during the entire operation.
- Different applications possible through easy exchange system.
- New improved shell design! The perforated skin of the shells lets dust and fine gravel through – without larger pieces blocking the shell filter system.
- Robust due to the use of cutting edge material 500 HB steel. Cutting edges usable both sides.
- Optional: adapter with compression rails to handle e.g. curbstones without damaging them.



D06HPX

Demolition and Sorting Grabs D04HPX / D06HPX

Type	Width (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Load	Load	Closing force** (kN/lbf)	Operating weight (t/lbs)
						capacity* (form locking) (kg/lbs)	capacity* (friction locking) (kg/lbs)		
D04HPX-40	420 / 16.54	1045 / 41.14	812 / 31.97	75 / 0.10	280 / 616	1500 / 3300	1000 / 2200	18 / 3960	2 - 4 / 4400 - 8800
D06HPX-45	470 / 18.50	1350 / 53.15	970 / 38.19	150 / 0.20	340 / 748	2000 / 4400	1000 / 2200	18 / 3960	4 - 6 / 8800 - 13200

*) the load capacity indicated depends on the characteristics of the load (surface, largeness etc.) ***) D04: at 25MPa / 3600 psi - D06: at 26MPa / 3744 psi

Package consists of: demolition and sorting grab, **KINSHOFER** rotator, non-return valve, cutting edges

KINSHOFER Rotator

Integrated in a single unit with the HPXdrive, no more connecting hoses. Continuous rotation. Overload protection ensured by pressure relief valves.

Type	Upper connection (bores/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Moment of deflection max. (Nm/ft.lbs)
KM 10 F214/180	6 x M 16 / Ø 180/7.09	1000 / 738	12000 / 8850

Accessories

Type	Description
KM 691 8t	adapter connection plate for specific solutions – up to 8t / 17600 lbs
KM 690 8t	adapter for rigid mounting – up to 8t / 17600 lbs
KSW03 rigid	bolt-on-adapter for „System L-Lock“ KMS03/KHS03 for rigid mounting – up to 6t / 13200 lbs
	adapters for quick change systems – from other manufacturers or different sizes available on request
KM 980-2 2t-8t	solenoid valve for additional oil circuit, up to 26 MPa / 37.44 psi, ready for mounting for self installation without parts
KM 980-2 2t-8t c	solenoid valve for additional oil circuit, up to 26 MPa / 37.44 psi, incl. assembly parts and mounting
D04HPX-40S	exchangeable shells for D04HPX-40 incl. exchange aid
D06HPX-45S	exchangeable shells for D06HPX-45 incl. exchange aid
KM 685 05-D04-D09	Plug-in device with pressure rails for D04 to D09 (load capacity with compression rails: 750 kg / 1650 lbs)

Requirements of Excavator

	D04HPX	D06HPX
Operating pressure (open/close):	max. 25 MPa (190 bar) / 3600 psi	max. 32 MPa (320 bar) / 4608 psi internal 26 MPa (260 bar) / 3744 psi
Recommended oil flow (open/close):	40 - max. 75 l/min / 10.57 - max. 19.82 GPM	40 - max. 75 l/min / 10.57 - max. 19.82 GPM
Operating pressure (rotation):	max. 32 MPa (320 bar) / 4608 psi	max. 32 MPa (320 bar) / 4608 psi
Recommended oil flow (rotation):	15 - max. 50 l/min	20 - max. 50 l/min / 5.28 - max. 13.21 GPM

Technical Drawings

