

# Demolition and Sorting Grabs

• NEW •

# D04H / D06H

The new demolition and sorting grabs for excavators with 2t / 4400 lbs to 4t / 8800 lbs or 3t / 6600 lbs to 6t / 13200 lbs operating weight – THE universal tool for lighter demolition and sorting tasks of all kinds.

- New improved shell design!
- Including the new, flat 10t-rotator with 360° endless rotation for precise positioning.
- Perforated skin of shells lets dust and gravel through.
- Extremely robust due to the use of cutting edge material 500 HB steel.
- Cutting edges usable both sides.
- Integrated non-return valve guarantees secure retention of loads.
- High closing force achieved by horizontal cylinder
- Optional: matching accessories like adapter with compression rails to handle e.g. curbstones without damaging them.



D04H

## Demolition and Sorting Grab D04H / D06H

Type	Width	Opening A	Height C max.	Volume	Load capacity* (form locking)	Load capacity* (friction locking)	Weight	Closing force**	Operating weight
	(mm/in)	(mm/in)	(mm/in)	(litre/c.y.)	(kg/lbs)	(kg/lbs)	(kg/lbs)	(kN/lbf)	(t/lbs)
D04H-40	420 / 16.54	1212 / 47.72	747 / 29.41	60 / 0.08	1500 / 3300	1000 / 2200	200 / 440	21.5 / 4730	2 - 4 / 4400 - 8800
D06H-45	470 / 18.50	1345 / 52.95	817 / 32.17	90 / 0.12	2000 / 4400	1000 / 2200	227 / 499	21 / 4620	4 - 6 / 8800 - 13200

\*) the load capacity indicated depends on the characteristics of the load (surface, largeness etc.) \*\*\*) at 25 MPa / 3600 psi

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

### KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is 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

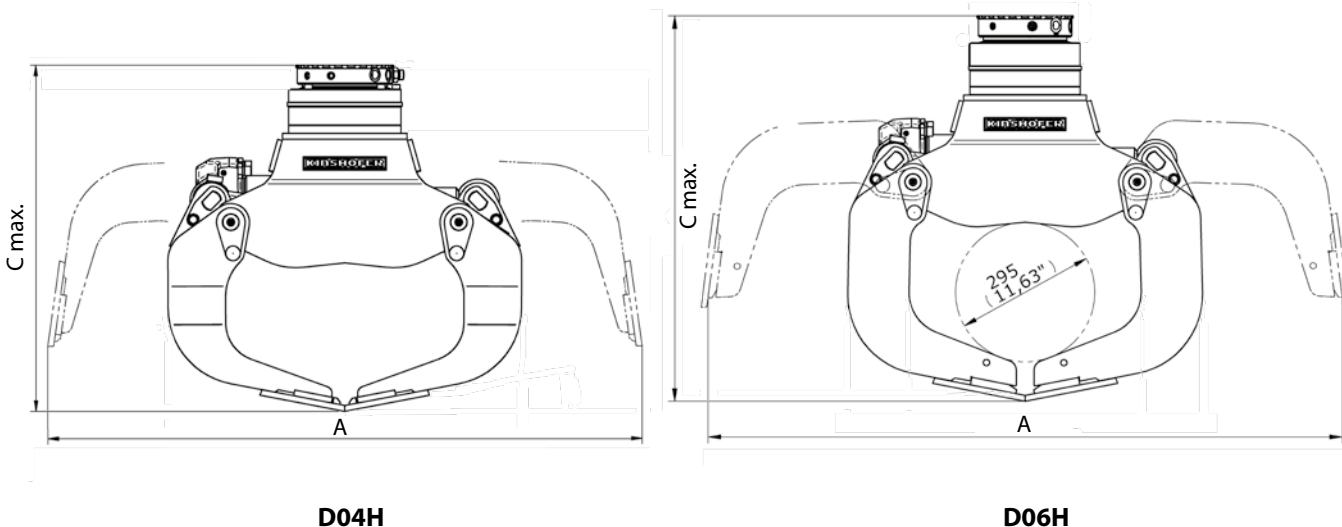
### Accessories

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 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

	D04H	D06H
Operating pressure (open/close):	max. 25 MPa (250 bar) / 3600 psi	max. 25 MPa (250 bar) / 3600 psi
Recommended oil flow (open/close):	25 - 75 l/min / 6.61 - 19.82 GPM	25 - 75 l/min / 6.61 - 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 / 3.96 - max. 13.21 GPM	15 - max. 50 l/min / 3.96 - max. 13.21 GPM

### Technical Drawings



D04H

D06H