

The KSB breaker series, for excavators from 0,5t/1100lbs - 12t/26400lbs, benefits from a distinctive 'monobloc' design, manufactured in a single piece and without any tie rods - a feature that makes the structure extremely durable and resistant to leverage during operation.



- ▷ **More force and less vibration and maintenance:** inertial nitrogen energy recovery gives more power and less vibration thanks to nitrogen chamber (no internal diaphragms), reducing maintenance costs.
- ▷ **Long-lasting nitrogen:** traditionally, breakers with nitrogen energy recovery require frequent recharges - but with the new KSB-range's special sealing system, the charge-life can be increased by up to 300%.
- ▷ **Protected tubes:** tubes are completely protected through the casing and are suitable for all types of excavation, especially in narrow spaces.
- ▷ **Hydraulic system for blank firing:** a regenerative oil circuit that avoids blank firing when the tool is not in contact with the rock.

Hydraulic Breaker KSB

Type	Weight (kg/lbs)	Diameter tool (mm/in)	Energy (J)	Hits per minute (/min)	Height with standard tools (mm/in)	Operating weight (t/lbs)
KSB 1	70 / 154	40 / 1.5	280	800 - 1750	890 / 30	0,5-2,5 / 1100-5500
KSB 2	100 / 220	45 / 1.7	400	800 - 2300	980 / 38.5	1,2-3,5 / 2640-7700
KSB 3	145 / 319	48 / 1.8	580	800 - 2000	1000 / 39.3	1,5-4,5 / 3300-9900
KSB 4	190 / 418	55 / 2.1	750	900 - 1900	1225 / 48.2	2,5-6,5 / 5500-14300
KSB 6	250 / 550	65 / 2.5	950	850 - 1800	1250 / 49.2	3-8 / 6600-17600
KSB 8	320 / 704	75 / 2.9	1200	600 - 1500	1280 / 50.3	4,5-9 / 9900-19800
KSB 10	430 / 946	80 / 3.1	1700	500 - 1300	1595 / 62.7	6-11 / 13200-24200
KSB 12	540 / 1188	90 / 3.5	2300	600 - 1200	1650 / 64.9	8-12 / 17600-26400

Package consists of: breaker, two standard tools at option (moil, blunt, pyramid, chisel) and nitrogen adapter

Hydraulische Daten KSB

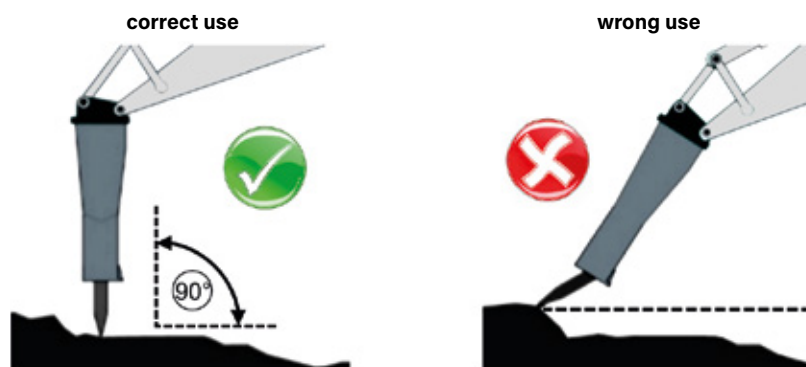
Type	Pump capacity (l/min/GPM)	Operating pressure (bar/psi)	Back pressure max. (bar/psi)	Inner diameter breaker flow	Inner diameter breaker return
KSB 1	13-20 / 3.4-5	100 / 1450	30 / 435	1/2"	1/2"
KSB 2	15-30 / 4-8	110 / 1595	30 / 435	1/2"	1/2"
KSB 3	18-40 / 4.7-10.5	110 / 1595	30 / 435	1/2"	1/2"
KSB 4	25-55 / 6.5-14.5	130 / 1885	30 / 435	3/4"	3/4"
KSB 6	30-60 / 8-16	140 / 2030	30 / 435	3/4"	3/4"
KSB 8	50-70 / 13-18.5	160 / 2320	30 / 435	3/4"	3/4"
KSB 10	75-90 / 20-24	150 / 2170	30 / 435	3/4"	3/4"
KSB 12	85-110 / 22.5-29	150 / 2170	30 / 435	3/4"	3/4"

Accessories

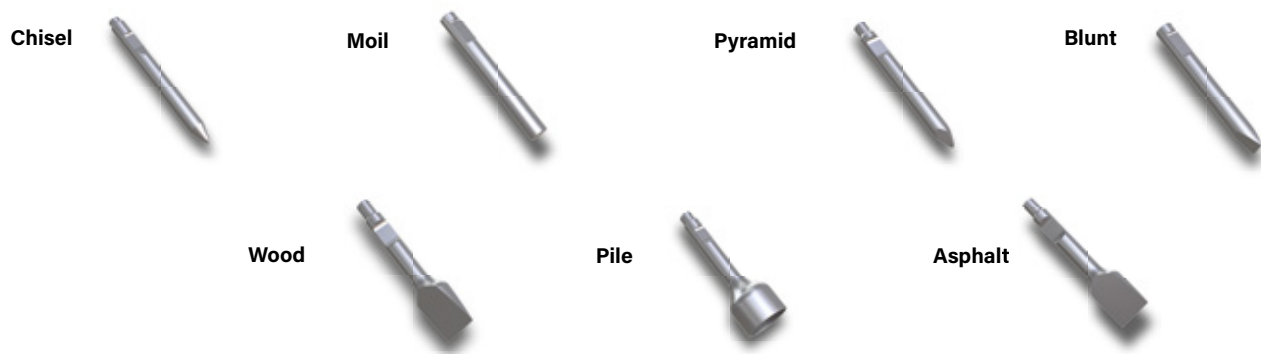
Type	Description
KM 690 2t	adapter for rigid mounting - up to 2t/4400lbs
KM 690 8t	adapter for rigid mounting - up to 8t/17600lbs
KM 690 15t	adapter for rigid mounting - up to 15t/33000lbs
KSW01 rigid	bolt-on adapter for system L-Lock KMS01L/KHS01L for rigid mounting - up to 2t/4400lbs
KSW03 rigid	bolt-on adapter for system L-Lock KMS03L/KHS03L for rigid mounting - up to 6t/13200lbs
KSW08 rigid	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting - up to 12t/26400lbs
OQ45/2 rigid	bolt-on adapter for OilQuick OQ45 - up to 12t/26400lbs

adapters for quick change systems from other manufacturers or different sizes on request

Drawing



Benefit from the large variety of tools for different tasks.



Tools for KSB

Type	Description
KSB 1 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 1 - Ø 40mm/1.5in
KSB 1 Moil	suitable for reinforced concrete and highly compact rock for KSB 1 - Ø 40mm/1.5in
KSB 1 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 1 - Ø 40mm/1.5in
KSB 1 Blunt	suitable for medium-hard and layered rock for KSB 1 - Ø 40mm/1.5in
KSB 1 Wood	suitable for cutting all types of wood for KSB 1 - Ø 40mm/1.5in
KSB 1 Pile*	suitable for planting wooden or concrete poles and posts for KSB 1 - Ø 40mm/1.5in
KSB 1 Asphalt**	suitable for cutting asphalt for KSB 1 - Ø 40mm/1.5in
KSB 2 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 2 - Ø 45mm/1.7in
KSB 2 Moil	suitable for reinforced concrete and highly compact rock for KSB 2 - Ø 45mm/1.7in
KSB 2 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 2 - Ø 45mm/1.7in
KSB 2 Blunt	suitable for medium-hard and layered rock for KSB 2 - Ø 45mm/1.7in
KSB 2 Wood	suitable for cutting all types of wood for KSB 2 - Ø 45mm/1.7in
KSB 2 Pile*	suitable for planting wooden or concrete poles and posts for KSB 2 - Ø 45mm/1.7in
KSB 2 Asphalt**	suitable for cutting asphalt for KSB 2 - Ø 45mm/1.7in
KSB 3 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 3 - Ø 48mm/1.8in
KSB 3 Moil	suitable for reinforced concrete and highly compact rock for KSB 3 - Ø 48mm/1.8in
KSB 3 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 3 - Ø 48mm/1.8in
KSB 3 Blunt	suitable for medium-hard and layered rock for KSB 3 - Ø 48mm/1.8in
KSB 3 Wood	suitable for cutting all types of wood for KSB 3 - Ø 48mm/1.8in
KSB 3 Pile*	suitable for planting wooden or concrete poles and posts for KSB 3 - Ø 48mm/1.8in
KSB 3 Asphalt**	suitable for cutting asphalt for KSB 3 - Ø 48mm/1.8in
KSB 4 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 4 - Ø 55mm/2.1in
KSB 4 Moil	suitable for reinforced concrete and highly compact rock for KSB 4 - Ø 55mm/2.1in
KSB 4 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 4 - Ø 55mm/2.1in
KSB 4 Blunt	suitable for medium-hard and layered rock for KSB 4 - Ø 55mm/2.1in
KSB 4 Wood	suitable for cutting all types of wood for KSB 4 - Ø 55mm/2.1in
KSB 4 Pile*	suitable for planting wooden or concrete poles and posts for KSB 4 - Ø 55mm/2.1in
KSB 4 Asphalt**	suitable for cutting asphalt for KSB 4 - Ø 55mm/2.1in
KSB 6 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 6 - Ø 65mm/2.5in
KSB 6 Moil	suitable for reinforced concrete and highly compact rock for KSB 6 - Ø 65mm/2.5in
KSB 6 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 6 - Ø 65mm/2.5in
KSB 6 Blunt	suitable for medium-hard and layered rock for KSB 6 - Ø 65mm/2.5in
KSB 6 Wood	suitable for cutting all types of wood for KSB 6 - Ø 65mm/2.5in
KSB 6 Pile*	suitable for planting wooden or concrete poles and posts for KSB 6 - Ø 65mm/2.5in
KSB 6 Asphalt**	suitable for cutting asphalt for KSB 6 - Ø 65mm/2.5in
KSB 8 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 8 - Ø 75mm/2.9in
KSB 8 Moil	suitable for reinforced concrete and highly compact rock for KSB 8 - Ø 75mm/2.9in
KSB 8 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 8 - Ø 75mm/2.9in
KSB 8 Blunt	suitable for medium-hard and layered rock for KSB 8 - Ø 75mm/2.9in
KSB 8 Wood	suitable for cutting all types of wood for KSB 8 - Ø 75mm/2.9in
KSB 8 Pile*	suitable for planting wooden or concrete poles and posts for KSB 8 - Ø 75mm/2.9in
KSB 8 Asphalt**	suitable for cutting asphalt for KSB 8 - Ø 75mm/2.9in
KSB 10 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 10 - Ø 80mm/3.1in
KSB 10 Moil	suitable for reinforced concrete and highly compact rock for KSB 10 - Ø 80mm/3.1in
KSB 10 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 10 - Ø 80mm/3.1in
KSB 10 Blunt	suitable for medium-hard and layered rock for KSB 10 - Ø 80mm/3.1in
KSB 10 Wood	suitable for cutting all types of wood for KSB 10 - Ø 80mm/3.1in
KSB 10 Pile*	suitable for planting wooden or concrete poles and posts for KSB 10 - Ø 80mm/3.1in
KSB 10 Asphalt**	suitable for cutting asphalt for KSB 10 - Ø 80mm/3.1in
KSB 12 Chisel	suitable for concrete, mediumhard and non-layered rock for KSB 12 - Ø 90mm/3.5in
KSB 12 Moil	suitable for reinforced concrete and highly compact rock for KSB 12 - Ø 90mm/3.5in
KSB 12 Pyramid	suitable for reinforced concrete and highly compact rock for KSB 12 - Ø 90mm/3.5in
KSB 12 Blunt	suitable for medium-hard and layered rock for KSB 12 - Ø 90mm/3.5in
KSB 12 Wood	suitable for cutting all types of wood for KSB 12 - Ø 90mm/3.5in
KSB 12 Pile*	suitable for planting wooden or concrete poles and posts for KSB 12 - Ø 90mm/3.5in
KSB 12 Asphalt**	suitable for cutting asphalt for KSB 12 - Ø 90mm/3.5in

* specify inner diameter when ordering. Prices depend on required diameter!

** specify blade width when ordering. Prices depend on required width!