

# Hydraulic Breakers

KSB

The KSB breaker series, for excavators from 0.5-12t, 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. The new KSB-series has a wide calibration range of the required oil flow for an easier setup. The tapered shape also ensures excellent visibility during operation, allowing the operator to work close to walls and other structures.

- **More power, 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 :** New sealing system and compound development has resulted in a 300% improvement in gas retention.
- **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.



## Technical Key features KSB

Type	Weight of breaker ( kg/lbs)	Energy ( J)	Blows per minute (/min)	Height with standard tool (mm/in)	Operating weight (t/lbs)
KSB 1	70 / 154	280	900 - 1000	900 / 35,5	0,5 - 2,5 / 1102 - 5512
KSB 2	100 / 220	400	900 - 1000	1000 / 39,4	1,2 - 3,5 / 2646 - 7717
KSB 3	145 / 320	580	900 - 1000	1100 / 43,3	1,5 - 4,5 / 3307 - 9921
KSB 4	190 / 419	750	900 - 1000	1200 / 47,2	2,5 - 6,5 / 5512 - 14330
KSB 6	250 / 551	950	900 - 1000	1250 / 49,2	3 - 8 / 6614 - 17637
KSB 8	320 / 706	1200	800 - 1000	1550 / 61	4,5 - 9 / 9921 - 19842
KSB 10	430 / 948	1700	700 - 900	1650 / 65	6 - 11 / 13228 - 24250
KSB 12	540 / 1190	2300	600 - 800	1700 / 67	8 - 12 / 17637 - 26455

All packages consist of: breaker body, standard tool (chisel, blunt,moil or pyramid), plate for bracket and Nitrogen adapter

## Hydraulics KSB

Type	Oil flow ( l/min)	Operating pressure (bar)	Back pressure max. (bar)	Nominal diameter pressure line	Nominal diameter tank line
KSB 1	13 - 20	100	25	1/2"	1/2"
KSB 2	15 - 30	110	25	1/2"	1/2"
KSB 3	18 - 40	110	25	1/2"	1/2"
KSB 4	25 - 55	130	25	3/4"	3/4"
KSB 6	30 - 60	140	25	3/4"	3/4"
KSB 8	50 - 70	160	25	3/4"	3/4"
KSB 10	75 - 90	150	25	3/4"	3/4"
KSB 12	85 - 110	150	25	3/4"	3/4"

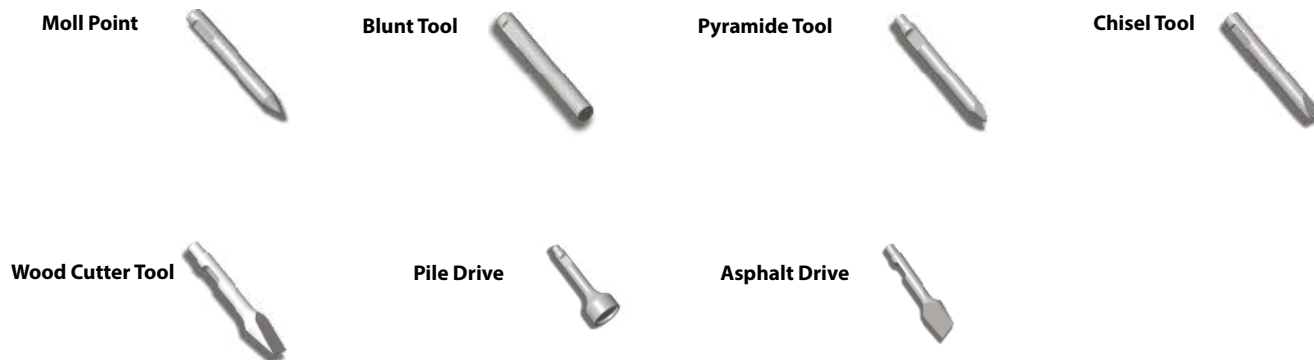
## Accessories

Type	Description
Grease system	automatic grease sytem
KM 690	adapter for rigid mount - up to 70t / 154000 lbs
KSW rigid	bolt-on adapter for system L-Lock quick couplers - up to 40t / 88000 lbs
OQ	bolt-on adapter for system OilQuick quick couplers - up to 70t / 154000 lbs

## Pictures



Benefit from the variety of tools available for all kinds of operations.



KSB Tools	
Type	Description
KSB 1Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 1
KSB 1Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 1
KSB 1Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 1
KSB 1Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 1
KSB 1Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 1
KSB 1Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 1
KSB 1Asphalt Cutter	Suitable for cutting asphalt for Hammer type 1
KSB 2Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 2
KSB 2Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 2
KSB 2Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 2
KSB 2Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 2
KSB 2Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 2 for Hammer type 2
KSB 2Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 2
KSB 2Asphalt Cutter	Suitable for cutting asphalt for Hammer type 2
KSB 3Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 3
KSB 3Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 3
KSB 3Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 3
KSB 3Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 3
KSB 3Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 3
KSB 3Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 3
KSB 3Asphalt Cutter	Suitable for cutting asphalt for Hammer type 3
KSB 4Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 4
KSB 4Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 4
KSB 4Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 4
KSB 4Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 4
KSB 4Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 4
KSB 4Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 4
KSB 4Asphalt Cutter	Suitable for cutting asphalt for Hammer type 4
KSB 6Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 6
KSB 6Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 4
KSB 6Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 4
KSB 6Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 4
KSB 6Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 4
KSB 6Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 4
KSB 6Asphalt Cutter	Suitable for cutting asphalt for Hammer type 4
KSB 8Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 8
KSB 8Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 4
KSB 8Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 4
KSB 8Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 4
KSB 8Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 4
KSB 8Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 4
KSB 8Asphalt Cutter	Suitable for cutting asphalt for Hammer type 4
KSB 10Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 10
KSB 10Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 10
KSB 10Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 10
KSB 10Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 10
KSB 10Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 10
KSB 10Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 10
KSB 10Asphalt Cutter	Suitable for cutting asphalt for Hammer type 10
KSB 12Moll Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 12
KSB 12Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 12
KSB 12Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 12
KSB 12Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 12
KSB 12Wood Cutter Tool	Suitable for cutting all types of wood for Hammer type 12
KSB 12Pile Drive	Suitable for planting wooden or concrete poles and posts for Hammer type 12
KSB 12Asphalt Cutter	Suitable for cutting asphalt for Hammer type 12