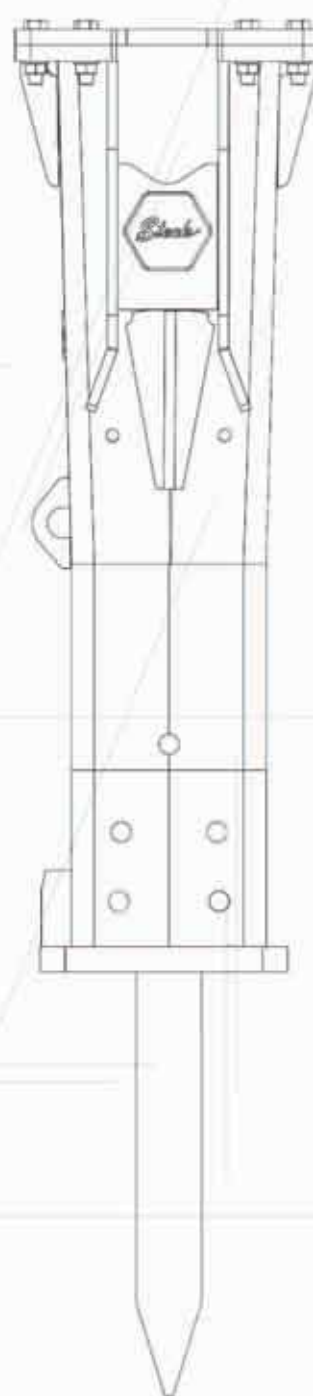
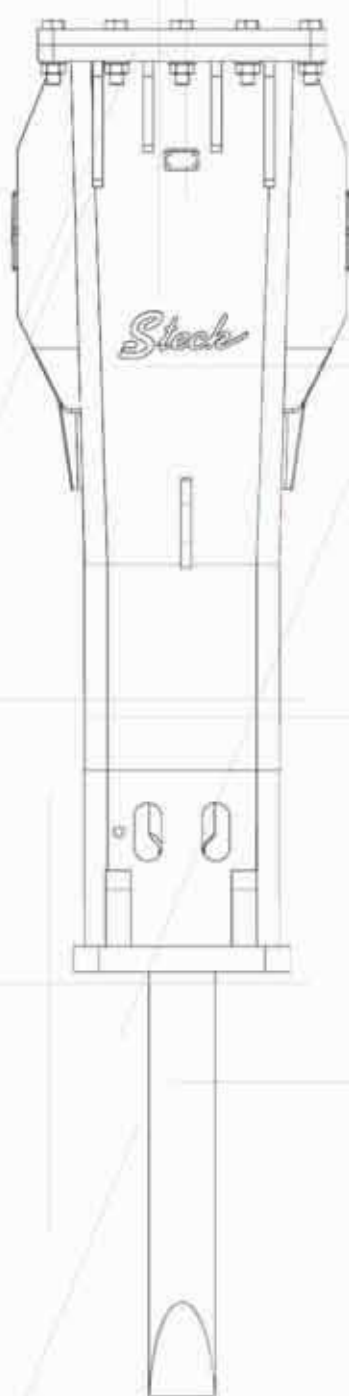




Demolition hammer



The demolition hammer made by Steck

Convince with:

Profitable

- high efficiency
- gentle hammer case
- high vigour

Easy maintenance

- simple change of ware bush.
- refilling with nitrogen during operation
- gouge change requires no special tools

Easy handling

- effective noise insulation
- suitable application for all area of application
- applicable for water application, tunnel building and for the steel industry

Long lasting product

- backlash end bearing through damping
- Stored percussion floating

No refilling of nitrogen during operation

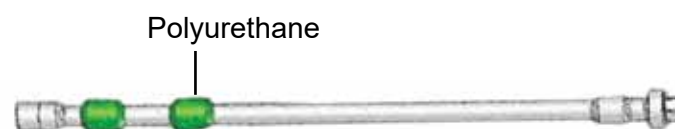
- the hydraulic accumulator doesn't need to be refilled with nitrogen during operation.
- Normally, the pressure accumulator come 3 years from without refilling
- In other hammers the gas is also used to reach the total force. But under certain working conditions leads a permanent loss of gas to power loss. Therefore, gas must be constantly replenished. If you fill the gas pressure of inadequate to the performance of the hammer decreases, the pressure is increased too much, not running the hammer. For this reason, the gas pressure is must be checked regularly and the filling must be performed by trained personnel. The equipment for filling should be located at the site of the hammer whatsoever.
- The accumulator of the Steck hammer is greater than the other manufacturers.
- This has the advantage of less vibration and produces more power.

Low generation of noise

The inner parts of the hammer doesn't occur during the operation of the housing in contact so that less noise is generated. Polyethylene and polyurethane buffers prevent the direct contact of metal on metal.

Later tie-rod is coated with polyurethane

The side tie-rod is coated with polyurethane at the critical place. Through the use of polyurethane upcoming loads and vibrations are reduced and the life of the tie-rod.



Strong damping system

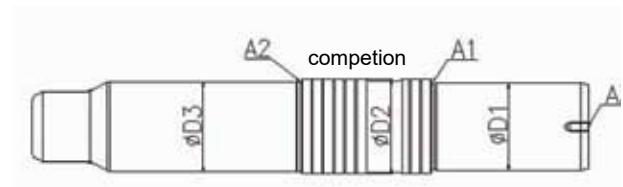
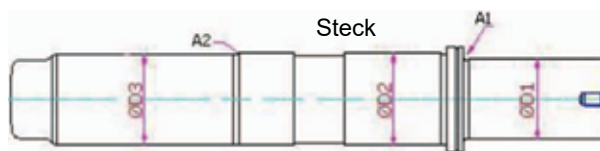
The damper system (side, top and bottom) which is used in plug-in has unique shock and vibration absorption properties. This protects the hammer and the excavator.

High Impact strength

Although hammers require less input power plug from excavators ago, their clout higher than many other hammers. This is based on the specific design of the piston plug.

The upper piston area which is filled by the hydraulic oil is high.

The ratio of A1 to A2 is high so that the performance and the efficiency is also very large.

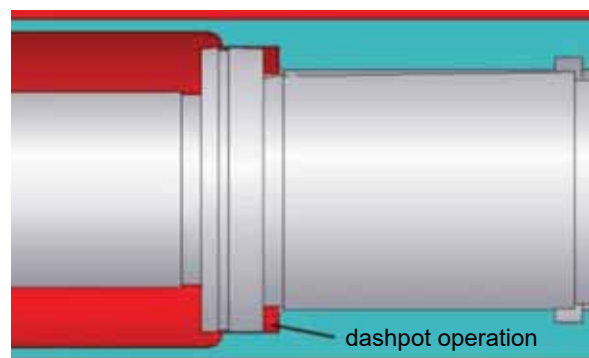
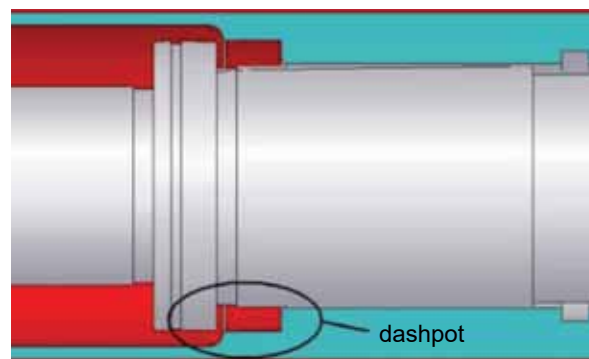


Protection during Impact process / Idle stroke

For plug hammers will be no direct metal contact during impact.

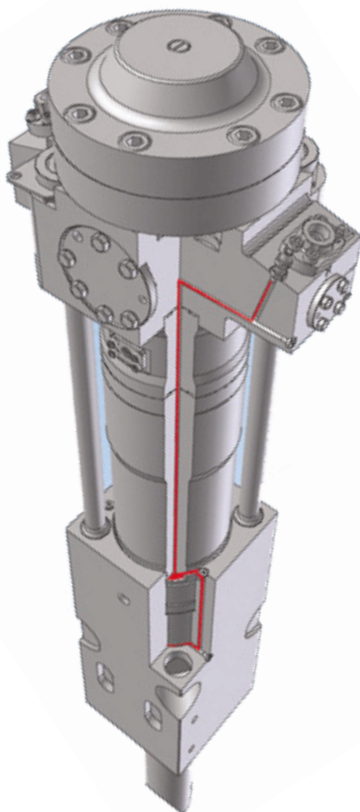
Our hammers have large-volume oil dampers that better absorb the impact than the hammers of other manufacturers. Specifically, the shock of medium and large hammers are very strong. This allows us to work with high input power. For the other manufacturers working during the strike process, a drain valve that stops the hammer and protects.

But if the drain valve is working continuously, the hydraulic oil overheats, and damage of the hydraulic system.



Automatic lubrication

- includes a hydraulically driven lubrication pump
- continuously lubricated during operation
- 400 g cartridge with replaceable window for the grease level monitoring
- makes the replacement quick and easy
- it is a compact unit on the mounted housing
- the lubrication is adjustable and so the adjust needs.



Strong outer casing

The housing is specifically folded so that it is stronger. There are few welds and no screws are used. Characterized the housing is stiffened and stronger. The wear resistance of the housing was also increased by the use of Hardox 400th.

Can be used in different positions

Plug hammers work in vertical, horizontal and other positions because plug pistons are lighter and longer than others. In addition, the plug is equipped with more and more powerful piston seals. Special features for the ongoing horizontal application:

- Special piston and cylinder design
- increased memory
- extended wear plates
- sockets of bronze alloy
- dust seal on the tool sleeve

Underwater use

The hammers are designed for underwater use specially designed and thereby effectively. The compressed air from the compressor to the work area of the piston and the tool. The water with elevated pressure is this counter-pressure „locked“ to prevent damaged control ments on the excavator and hammer.



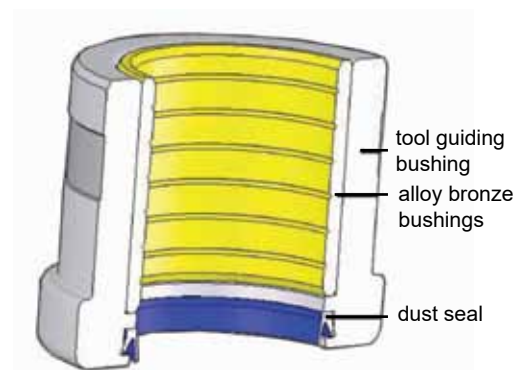
Special Design for special applications

- tailwater (U / W)
- Use in tunnel building(U / G)
- Use in the steel industry (S / I)

Special low-wear bush

Tools include standard plug sockets alloy bronze bushings and dust seals:

- To prevent the ingress of dust into the hammer prevent
- To wear on the bushings and the tool to delay. This enables the long operated tool without damage are.

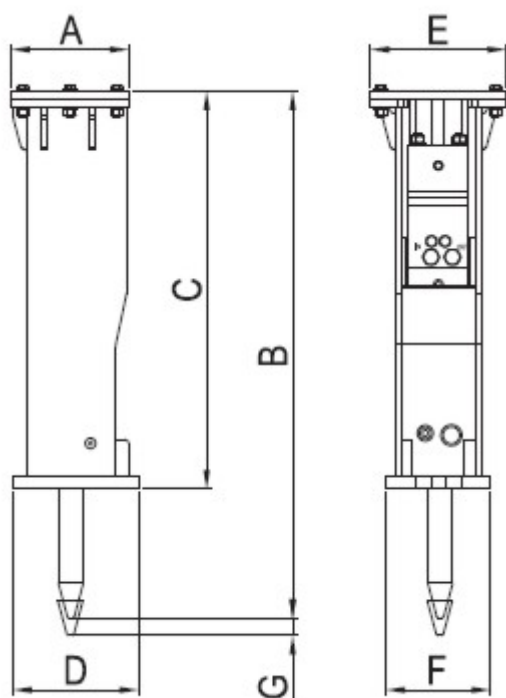


Special Tools for all purposes

Plug provides special tools for use in rigid, soft and aggressive material and a long lifetime of special tools by using materials. For every application you will find the right tool.

Simple tool change without special tools

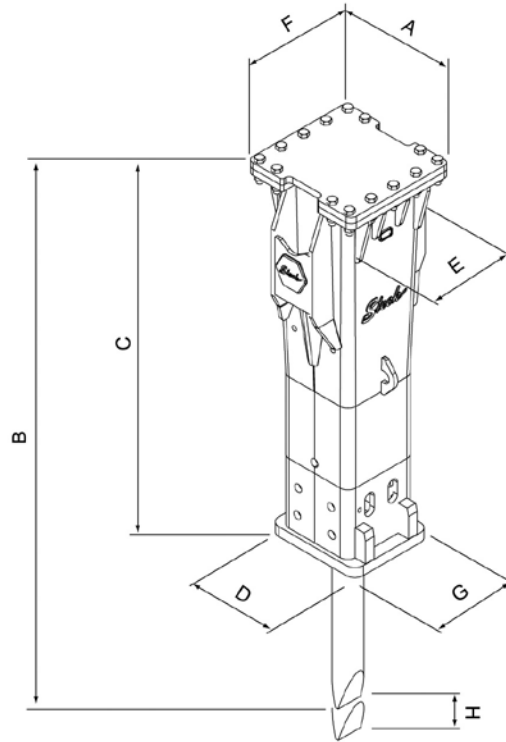
Demolition hammer



Technical details	B1.5	B2	B3	B4
operating weight (t)	1-3	2,5-6	3-6,5	3-8
weight, box (kg)	130	220	340	460
operating pressure (bar)	90	100	105-155	100-140
flow (l/min)	15-35	45-70	30-65	45-100
Ø gouge (mm)	48	68	70	80
Shock frequency (l/min)	1.000-1.500	450-1.100	390-1.000	450-1.000
Impact energy (J)	190	450	840	980
measure A (mm)	225	270	400	400
measure B (mm)	1.031	1.271	1.430	1.587
measure C (mm)	687	911	1.018	1.148
measure D (mm)	240	250	280	300
measure E (mm)	260	270	400	420
measure F (mm)	200	220	230	250
measure G (mm)	34	54	34	58



Demolition hammer



Additional advantages

- one-piece cylinder system, optional lubrication system, double gouge mounted holding system for B7 to B70.

Technical details	B7	B10	B12	B15	B17
operating weight (t)	9-15	9-15	14-20	18-26	22-29
weight, box (kg)	650	950	1.200	1.600	1.870
operating pressure (bar)	125	125	135	135	135
dynamic pressure DBV excavator (bar)	170 - 180	170 - 180	175 - 185	175 - 185	175 - 185
flow (l/min)	60-120	60-120	70-130	100-180	120-180
Ø gouge (mm)	95	100	110	120	130
Shock frequency (l/min)	350-700	350-700	400-700	360-650	350-550
Impact energy (J)	1.450	1.660	1.880	2.800	3.300
measure A (mm)	490	570	570	590	600
measure B (mm)	1.838	2.256	2.256	2.480	2.607
measure C (mm)	1.317	1.580	1.580	1.720	1.845
measure D (mm)	370	410	410	470	500
measure E (mm)	440	556	556	590	640
measure F (mm)	490	510	510	550	570
measure G (mm)	330	350	350	380	400
measure H (mm)	35	37	37	40	42

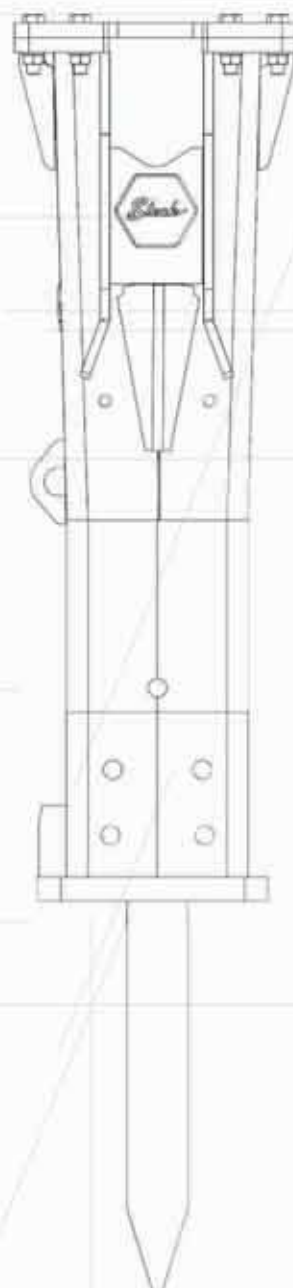
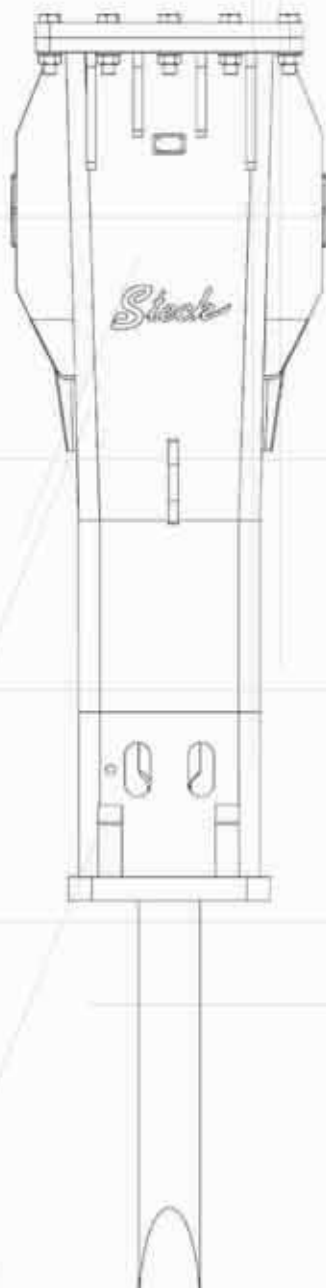


B12 - B70 with lubrication

Technical details	B22	B25	B30	B40	B50	B70
operating weight (t)	25-32	28-40	33-50	40-70	45-70	60-100
weight, box (kg)	2.200	2.520	2.950	3.750	4.750	6.900
operating pressure (bar)	140	140	140	140	140	150
dynamic pressure DBV excavator (bar)	180 - 190	180 - 190	190 - 200	190 - 210	190 - 210	190 - 210
flow (l/min)	160-230	180-250	160-250	200-300	250-340	300-400
Ø gouge (mm)	140	150	160	170	190	210
Shock frequency (l/min)	350-550	330-525	320-520	320-510	300-420	285-400
Impact energy (J)	4.500	5.610	6.000	7.000	8.850	13.000
measure A (mm)	600	730	730	730	730	1.090
measure B (mm)	2.835	2.912	3.050	3.215	3.430	3.866
measure C (mm)	2.090	2.165	2.293	2.421	2.595	3.000
measure D (mm)	520	507	550	610	625	758
measure E (mm)	640	760	746	796	796	920
measure F (mm)	570	730	730	730	730	1.090
measure G (mm)	430	452	480	530	560	678
measure H (mm)	39	50	50	60	58,5	70







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