

SB 302 Scaler

Spare parts list

Hydraulic breaker

SB 302 Scaler from s/n BES043707



General information

This spare parts list applies to the following:

Part number	Description
8460030062	SB 302 Scaler

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts.
For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs.
Please observe the safety instructions listed in the relevant Safety and operating instructions!

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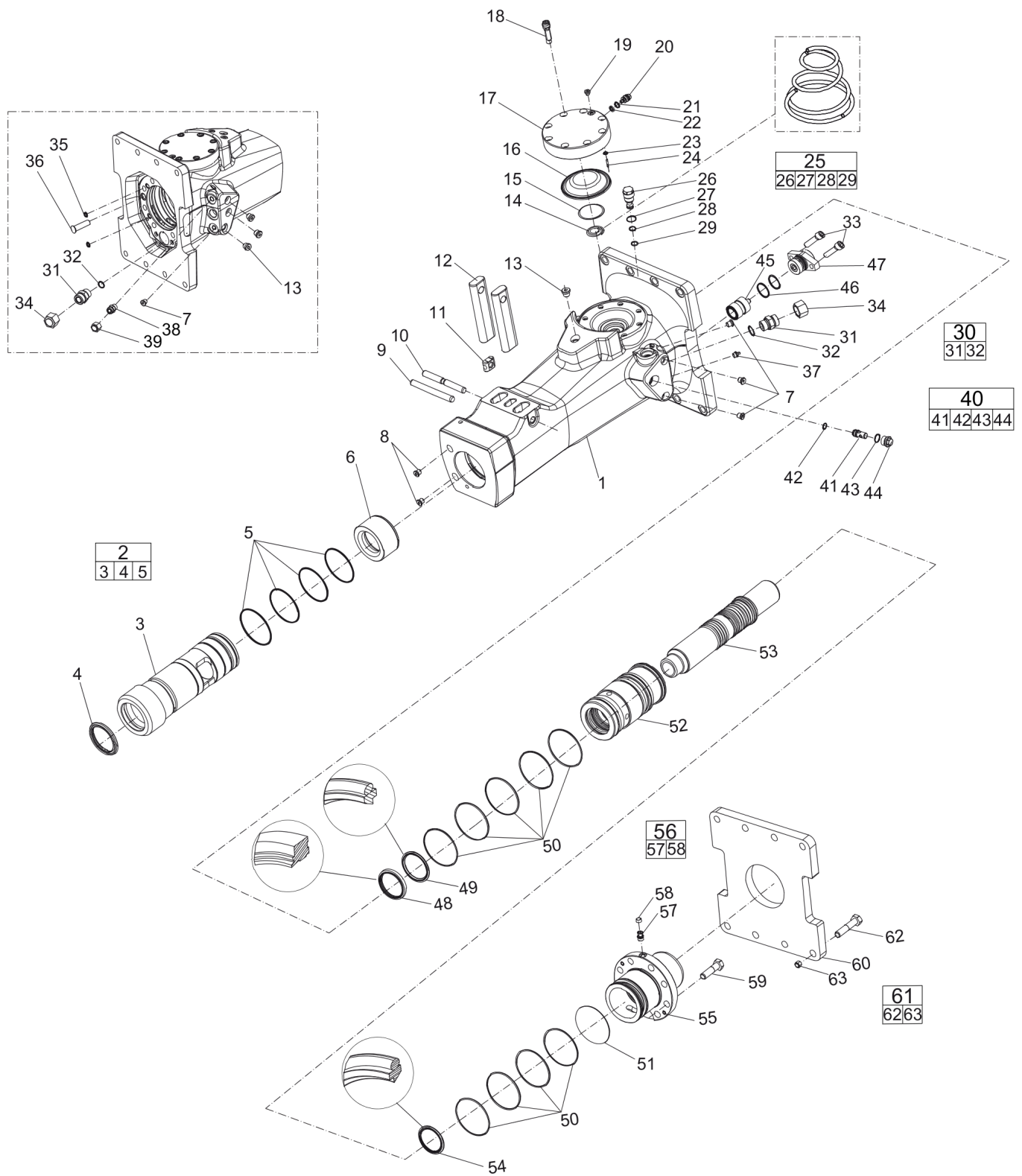
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Spare parts list Spare part list

Refer to Parts Online for the most up to date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
1	-	Breaker body	1	
2	3315301980	Bushing standard, complete	1	A
3	-	Bushing, Ø110 mm, Ø4.33 in.	1	
4	3315325000	Scraper ring	1	
5	0663210617	O-ring	4	
6	3315301400	Stop ring	1	
7	0686644207	Plug, VSTI R 1/4-ED	4	B
8	3315395200	Water nozzle	2	
9	0108169128	Conex spring pin, option, 16x150 mm	1	
10	3315203100	Lock pin	1	
11	3315141900	Lock buffer	1	
12	3315203000	Tool retainer	2	
13	0686371801	Plug, VSTI R 3/8 - ED	4	C
14	3315303500	Coil spring	1	
15	3315400700	Diaphragm support	1	
16	3315235000	Diaphragm	1	
17	3315348700	Accumulator house	1	
18	0211196534	Hexagon socket screw, Screw with extra high fatigue strength.	8	D
19	0686371805	Plug VSTI R 1/8-ED	1	E
20	3315366000	Charge valve	1	
21	0663212000	O-ring 13.3 x 2.4 mm (70 shore), 0.52 x 0.09 in.	1	
22	3115329002	Seal ring 8 x 14 x 2.4 mm (90 shore), 0.31 x 0.55 x 0.09 in.	1	
23	0663211400	O-ring 7.3 x 2.4 mm (90 shore), 0.28 x 0.09 in.	1	
24	0101414000	Parallel pin D4 x 25 mm, D4 x 0.98 in.	1	
25	3315365800	Pressure relief valve, complete	1	
26	-	Pressure relief valve	1	
27	9125621100	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
28	0663210421	O-ring, 14.0 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
29	0661200401	Back-up ring	1	
30	0580001845	Nipple, complete	1	F
31	-	Nipple	1	G
32	0664000004	Seal ring	1	
33	0211110349	Screw, M14 x 65 mm	2	I
34	3361353486	Cap(Valid from s/n BES043707)	2	
35	0665090014	Seal, SCR 10 x 16 x 2.4 mm	2	
36	3315336700	Plug	1	
37	0544215300	Grease nipple, ISO 7-R 1/4	1	

Refer to Parts Online for the most up to date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
38	3176634800	Adapter	1	
39	3176542900	Cap, option	1	
40	3315369467	Restrictor, complete	1	H
.41	-	Restrictor, Ø 6.7 mm, Ø 0.26 in.	1	
.42	0663210421	O-ring, 14.0 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
.43	9125621100	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
.44	-	Restrictor plug	1	
45	3315277600	Control valve	1	
46	0663211444	O-ring, 36.17 x 2.62 mm , 1.42 x 0.10 in. (90 shore)	2	
47	3315352013	Valve cover	1	
48	0665909957	Wiper	1	
49	0665070137	Piston rod seal	1	
50	0663990031	Seal ring	9	
51	0663210669	Seal ring	1	
52	3315301700	Liner	1	
53	3315302100	Piston	1	
54	0665070146	Piston rod seal	1	
55	3315302000	Back head	1	
56	3315244881	Check valve, complete	1	
.57	-	Check valve	1	
.58	3315280800	Valve rubber	1	
59	0147148103	Hex. head screw, M16 x 60 mm 8.8	8	
60	3315356600	Base plate with through borings	1	
61	3315365360	Bolt kit	1	
62	-	Hex. head screw, M16 x 90 mm 8.8	8	
63	-	Nut, M16	8	

Comments for Page: Spare part list

(L)OCAL REMARKS

A | For oversize bushings, see section "Bushing oversize, complete".

B | VSTI R 1/4 - ED

C | VSTI R 3/8 - ED

D | Screw with extra high fatigue strength.

E | VSTI R 1/8 - ED

F | There are two "Nipple, complete" on the machine.

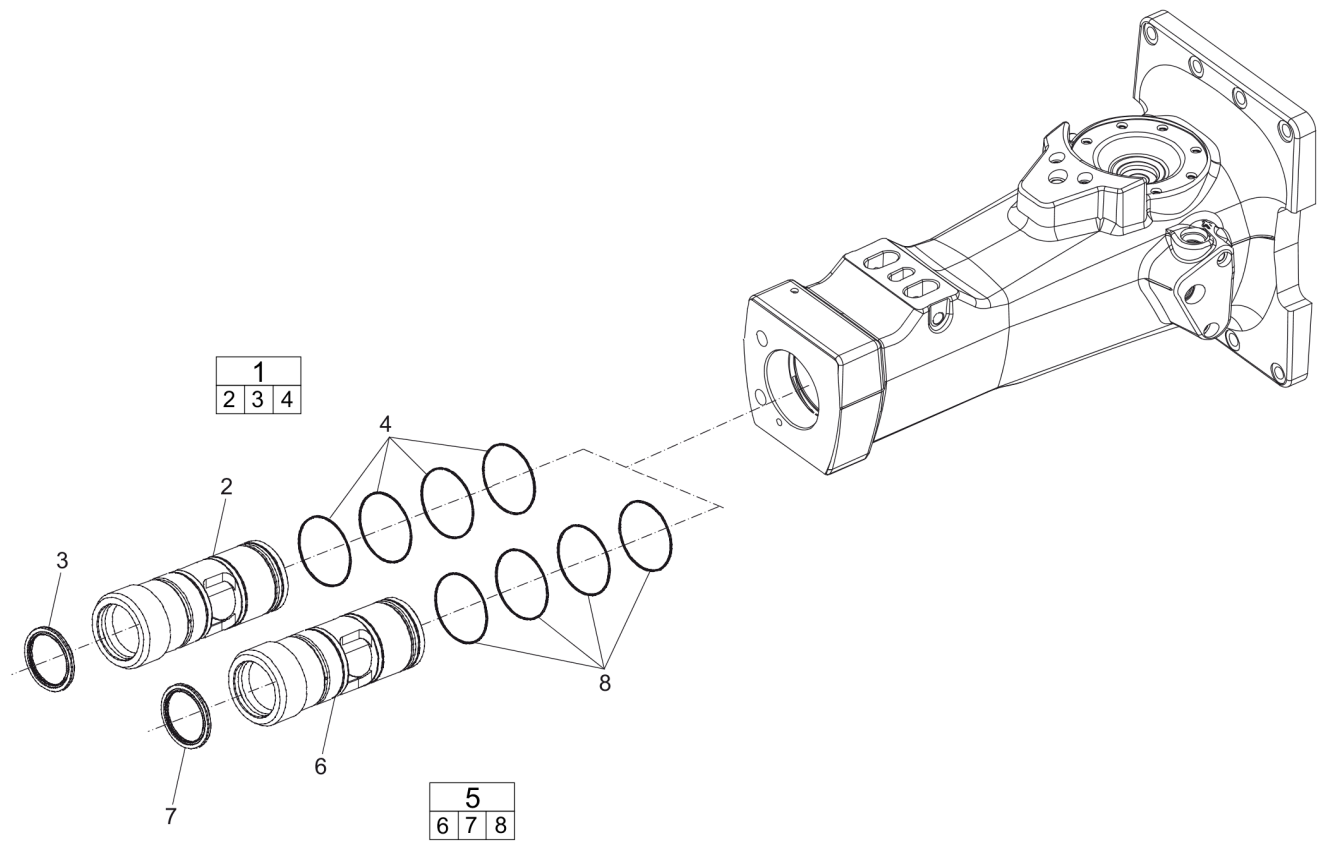
G | 1 3/16 - 12UN G 3/4 A

H | For more restrictors, see section "Restrictor, complete".

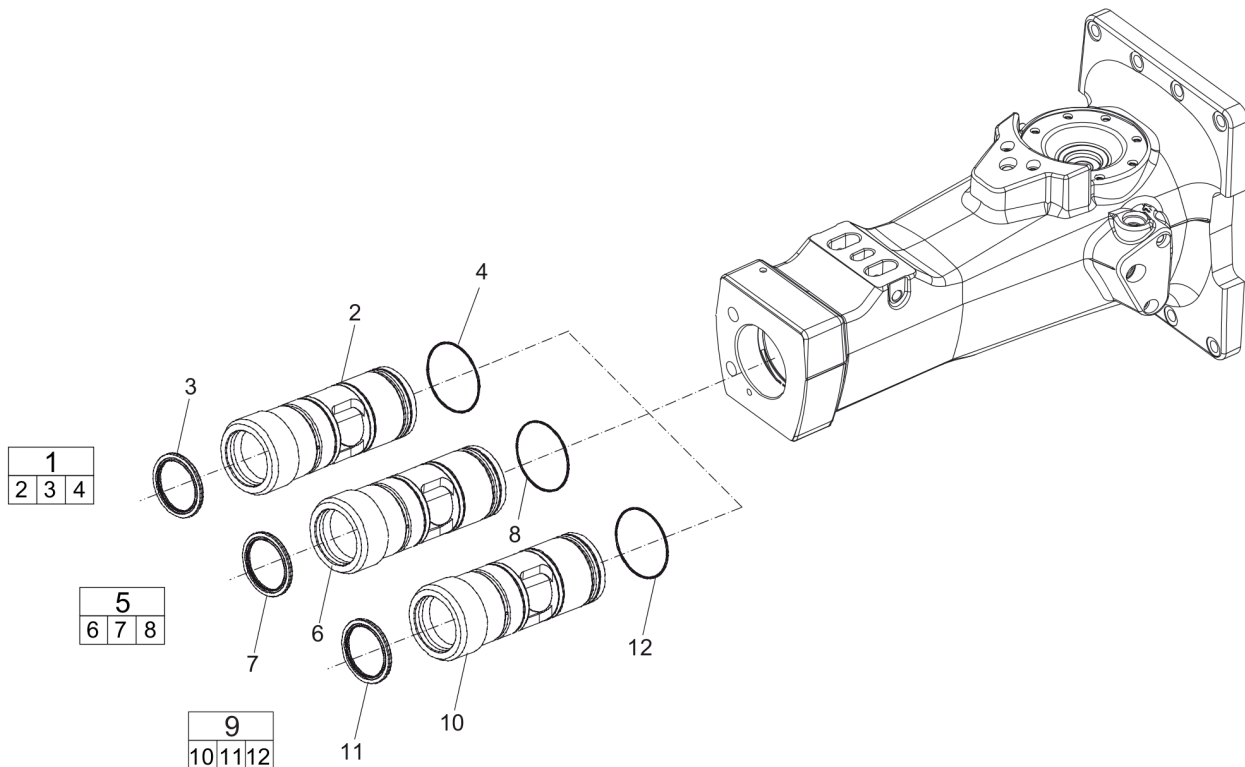
I | Screw with extra high fatigue strength.

Spare parts list Optional parts - Bushing oversize, complete

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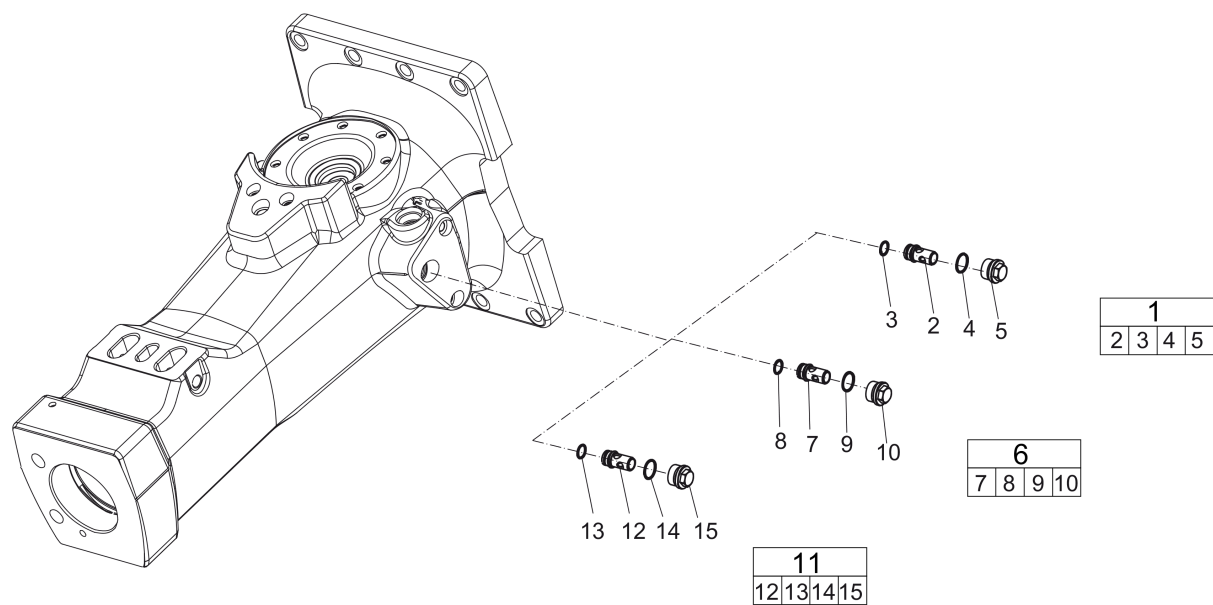


Item	Part No.	Name	Qty	L
1	3315301960	Bushing oversize, complete	1	
2	--	Bushing, Ø111.5 mm, Ø4.39 in.	1	
3	3315325000	Scraper ring	1	
4	0663210617	O-ring	4	
5	3315301963	Bushing oversize, complete	1	
6	--	Bushing, Ø113 mm, Ø4.45 in.	1	
7	3315325000	Scraper ring	1	
8	0663210617	O-ring	4	

Spare parts list Optional parts - Bushing press fit, complete

Item	Part No.	Name	Qty	L
1	3315409800	Bushing press fit standard, complete	1	
.2	--	Bushing, Ø110 mm, Ø4.33 in.	1	
.3	3315325000	Scraper ring	1	
.4	0663210617	O-ring	1	
5	3315409900	Bushing press fit oversize, complete	1	
.6	--	Bushing, Ø111.5 mm, Ø4.39 in.	1	
.7	3315325000	Scraper ring	1	
.8	0663210617	O-ring	1	
9	3315410000	Bushing press fit oversize, complete	1	
.10	--	Bushing, Ø113 mm, Ø4.45 in.	1	
.11	0663210617	O-ring	1	
.12	3315325000	Scraper ring	1	

Spare parts list Optional parts - Restrictor, complete



Item	Part No.	Name	Qty	L
1	3315369454	Restrictor, complete (Optional)	1	
2	--	Restrictor, Ø 5.4 mm, Ø 0.21 in.	1	
3	--	O-ring, 14 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
4	--	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
5	--	Restrictor plug	1	
6	3315369460	Restrictor, complete (Standard)	1	
.7	--	Restrictor, Ø 6.0 mm, Ø 0.24 in.	1	
.8	--	O-ring, 14 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
.8	--	O-ring, 14 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
.9	--	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
.9	--	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
.10	--	Restrictor plug	1	
.10	--	Restrictor plug	1	
8	--	O-ring, 14 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
9	--	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
10	--	Restrictor plug	1	
11	3315369464	Restrictor, complete	1	
12	--	Restrictor, Ø 6.4 mm, Ø 0.25 in.	1	
13	--	O-ring, 14 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
13	--	O-ring, 14 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	1	
14	--	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
14	--	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	1	
15	--	Restrictor plug	1	
15	--	Restrictor plug	1	

Tightening torque Tightening torque

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Item	Part No.	Name	Qty	L
7	-	Plug - 30 Nm	-	A
13	-	Hexagon socket plug - 80 Nm	-	B
18	-	Hexagon socket screw - 120 Nm	-	C
19	-	Plug - 20 Nm	-	
20	-	Charge valve - 20 Nm	-	
26	-	Pressure relief valve - 80 Nm	-	
31	-	Nipple - 210 Nm	-	
37	-	Grease nipple - 30 Nm	-	
44	-	Restrictor plug - 80 Nm	-	
57	-	Check valve - 30 Nm	-	J
59	-	Hexagon head screw - 180 Nm	-	K
63	-	Nut - 200 Nm	-	L
64	-	Hexagon socket screw - 180 Nm	-	M

Comments for Page: Tightening torque

LOCTITE is a registered trademark of Henkel Corporation. 243 is a trademark of Henkel Corporation. Molykote is a registered trademark of Dow Corning Corporation.

(L)OCAL REMARKS

A | LOCTITE® 243™

B | LOCTITE® 243™

C | Molykote®

J | LOCTITE® 243™

K | Molykote®

L | Molykote®

M | Molykote®

Accessories Optional equipment

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Item	Part No.	Name	Qty	L
-	0909107100	Grease gun	1	A
-	3363094913	Chisel paste cartridge, 400 g x 12 pcs, 0.88 lb x 12	1	
-	3315383190	ContiLube II micro	1	
-	3315386780	Welding kit, universal	1	B
-	3315386280	Hose kit, universal	1	C
-	3363106447	Chisel paste cartridge, 150 g x 12, 0.33 lb x 12	1	
-	3363094669	Filling device	1	D
-	3315383980	Filling adapter	1	E
-	3363066411	Filling device	1	F
-	3362263900	Chisel paste container	1	G
-	3362263275	Chisel paste container	1	H
-	3360920415	Filling device for accumulator	1	
-	3363094459	Nipple, for charging the accumulator	1	
-	3361329803	Filling hose, for charging the accumulator	1	
-	3315353100	Bushing wear controller	1	

Comments for Page: Optional equipment

(L)OCAL REMARKS

A | For manual greasing with cartridge, 400 g (0.88 lb)

B | For ContiLube™ II micro

C | For ContiLube™ II micro

D | For the 150 g (0.33 lb) Chisel paste cartridges, to use in combination with Chisel paste container 15 kg (33 lb)

E | For the 150 g (0.33 lb)

Chisel paste cartridges, suitable with the filling device for 15 kg (33 lb) and 45 kg (99 lb)

F | For the 150 g (0.33 lb) Chisel paste cartridges, to use in combination with Chisel paste container 45 kg (99 lb)

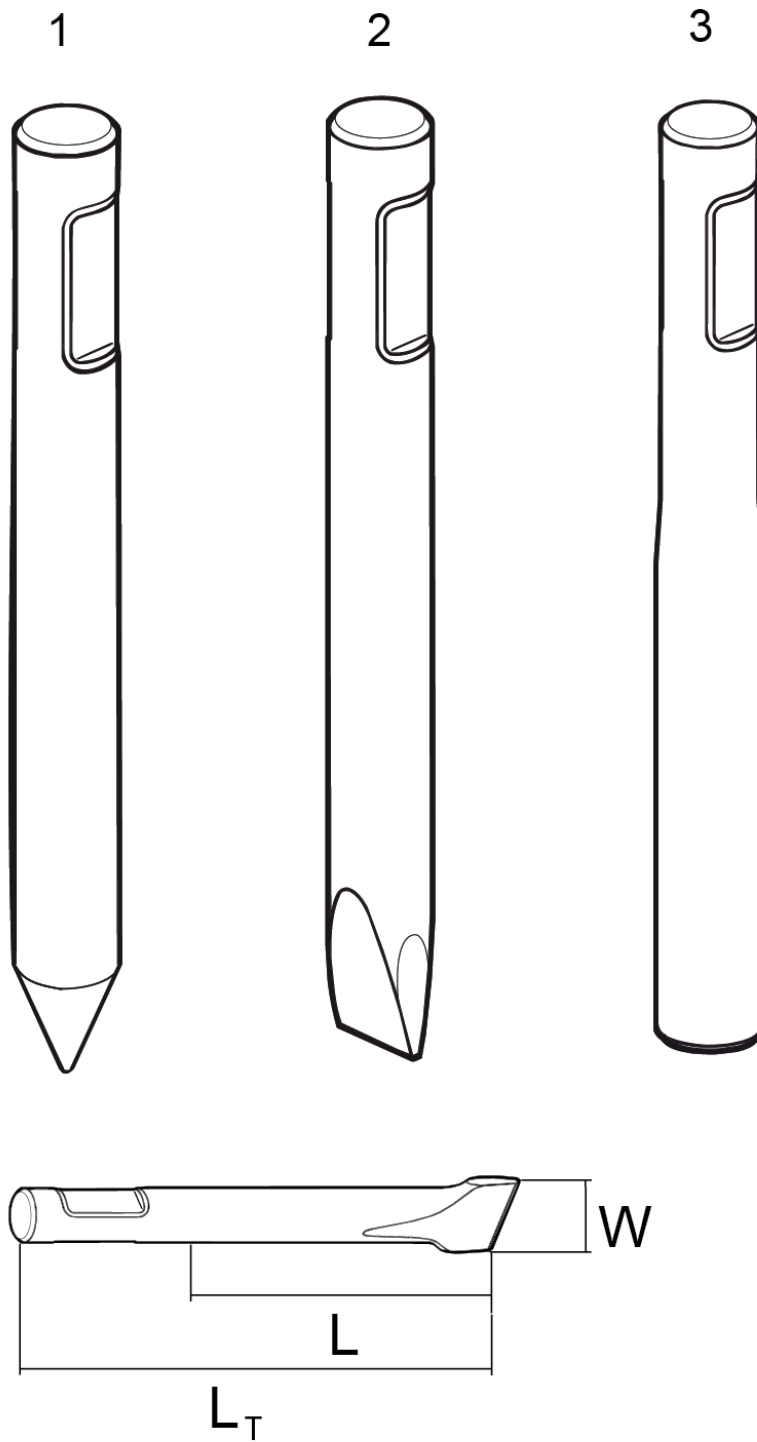
G | 15 kg (33 lb)

H | 45 kg (99 lb)

Accessories Hydraulic hoses

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Item	Part No.	Name	Qty	L
-	3360995717	Hose, both ends 18 L(M26 x 1.5) length 1500 mm	2	
-	3362235159	Hose, both ends 18 L(M26 x 1.5) length 2000 mm	2	
-	3363083313	Hose, both ends 18 L(M26 x 1.5) length 2400 mm	2	
-	3363098019	Additional fitting kit(needed to fit two hoses to the hydraulic breaker)	1	

Working tools Working tools SB 302 Scaler

Item	Part No.	Name	Qty	L
1	3083319100	Moil point	1	A
2	3083319200	Chisel (cross)	1	B
3	3083319500	Blunt tool	1	C

Comments for Page: Working tools SB 302 Scaler

(L)OCAL REMARKS

A | L=420 mm, LT=800 mm, Wt=28 kg

L=16.5 inch, LT=31.5 inch, Wt=1.10 lb

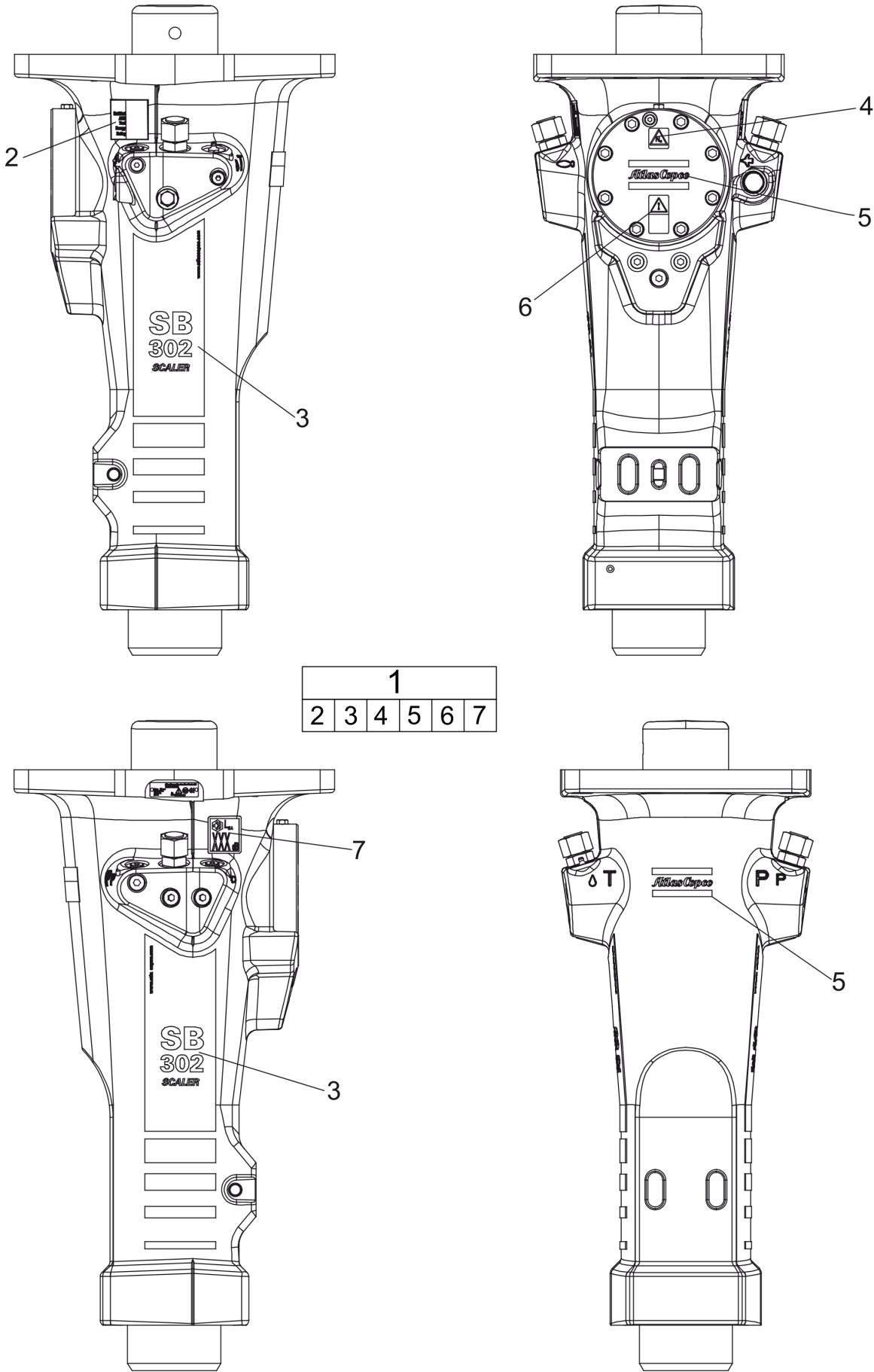
B | W= 80 L=420 mm, LT=800 mm, Wt=28 kg

W=3.15 inch, 16.5 inch, LT=31.5 inch, Wt= 1.10 lb

C | L=420 mm, LT=800 mm, Wt=30 kg

L=16.5 inch, LT=31.5 inch, Wt=1.18 lb

Kits Label kit



Item	Part No.	Name	Qty	L
1	3315349391	Label kit	1	
.2	--	AEM label	1	
.3	--	Product label	2	A
.4	--	Safety label	1	
.5	--	Product label	2	B
.5	--	Product label	2	B
.6	--	Safety label	1	
.6	--	Safety label	1	
.7	--	Noise level label	1	
5	--	Product label	2	B
6	--	Safety label	1	

Comments for Page: Label kit

(L)OCAL REMARKS

A | "SB 302 Scaler"

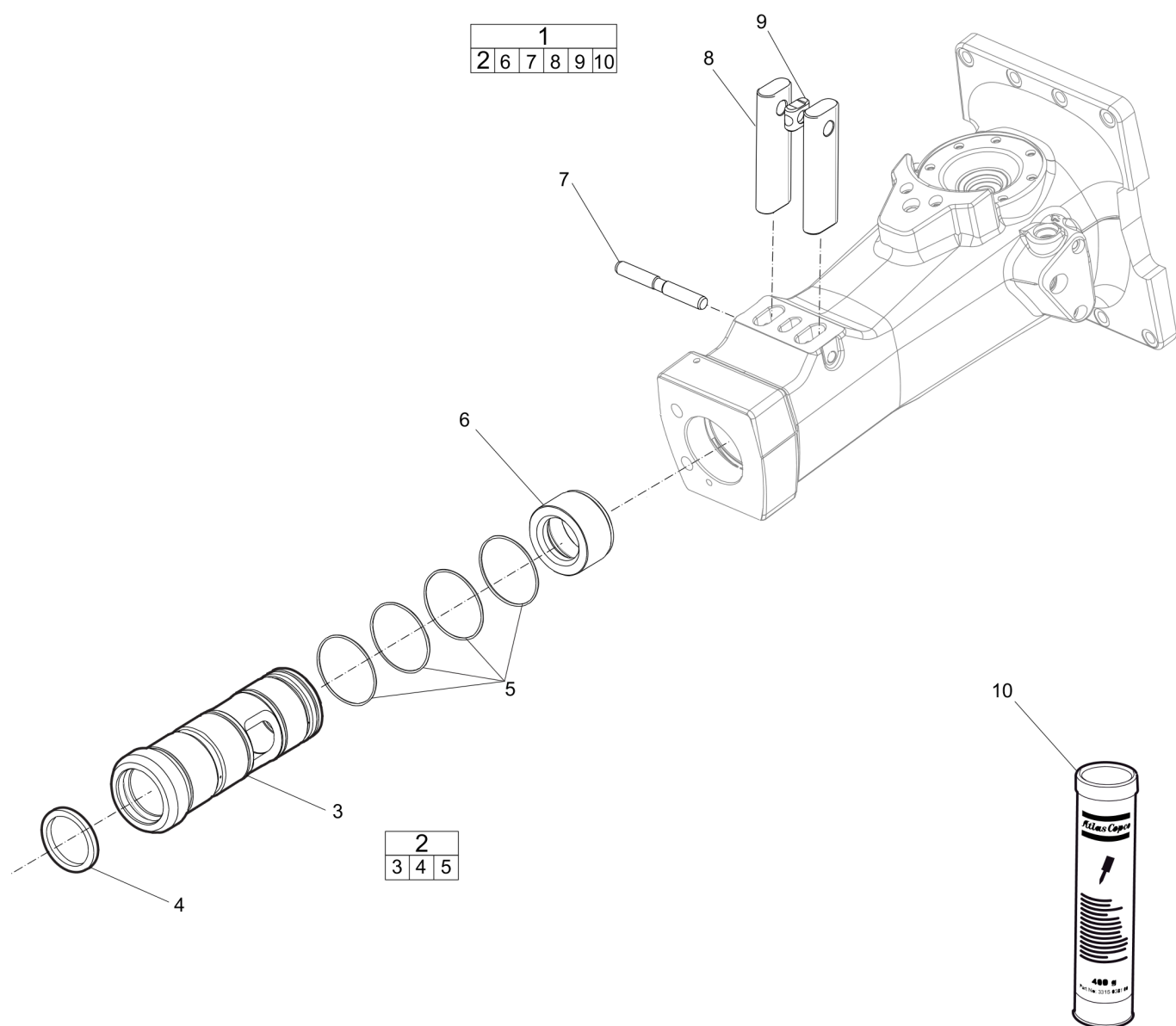
B | "Atlas Copco"

Kits Seal kit

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Item	Part No.	Name	Qty	L
1	3315301890	Seal kit	1	
-	3315325000	Scraper ring	1	
-	0663212000	O-ring 13.3 x 2.4 mm (70 shore), 0.52 x 0.09 in.	1	
-	0661100024	Washer	1	
-	3115329002	Seal ring 8 x 14 x 2.4 mm (90 shore), 0.31 x 0.55 x 0.09 in.	1	
-	0663210617	O-ring	4	
-	0663210669	Seal ring	1	
-	0663211400	O-ring 7.3 x 2.4 mm (90 shore), 0.28 x 0.09 in.	1	
-	0663990031	Seal ring	9	
-	0663211444	O-ring, 36.17 x 2.62 mm , 1.42 x 0.10 in. (90 shore)	2	
-	0663210421	O-ring, 14.0 x 1.78 mm , 0.55 x 0.07 in. (90 shore)	2	
-	9125621100	O-ring, 20.35 x 1.78 mm , 0.80 x 0.07 in. (90 shore)	2	
-	0661200401	Back-up ring	1	
-	0665090014	Seal, SCR 10 x 16 x 2.4 mm	2	
-	3315336700	Plug	1	
-	0665909957	Wiper	1	
-	0665070137	Piston rod seal	1	
-	0665070146	Piston rod seal	1	
-	3315280800	Valve rubber	1	

Kits Lower hammer part kit



Item	Part No.	Name	Qty	L
1	3315301990	Lower hammer part kit	1	
2	3315301980	Bushing standard, complete	1	
3	---	Bushing	1	
4	3315325000	Scraper ring	1	
5	0663210617	O-ring	4	
6	3315301400	Stop ring	1	
7	3315203100	Lock pin	1	
8	3315203000	Tool retainer	2	
9	3315141900	Lock buffer	1	
10	--	Chisel paste cartridge 400 g	1	

Kits Accumulator repair kit

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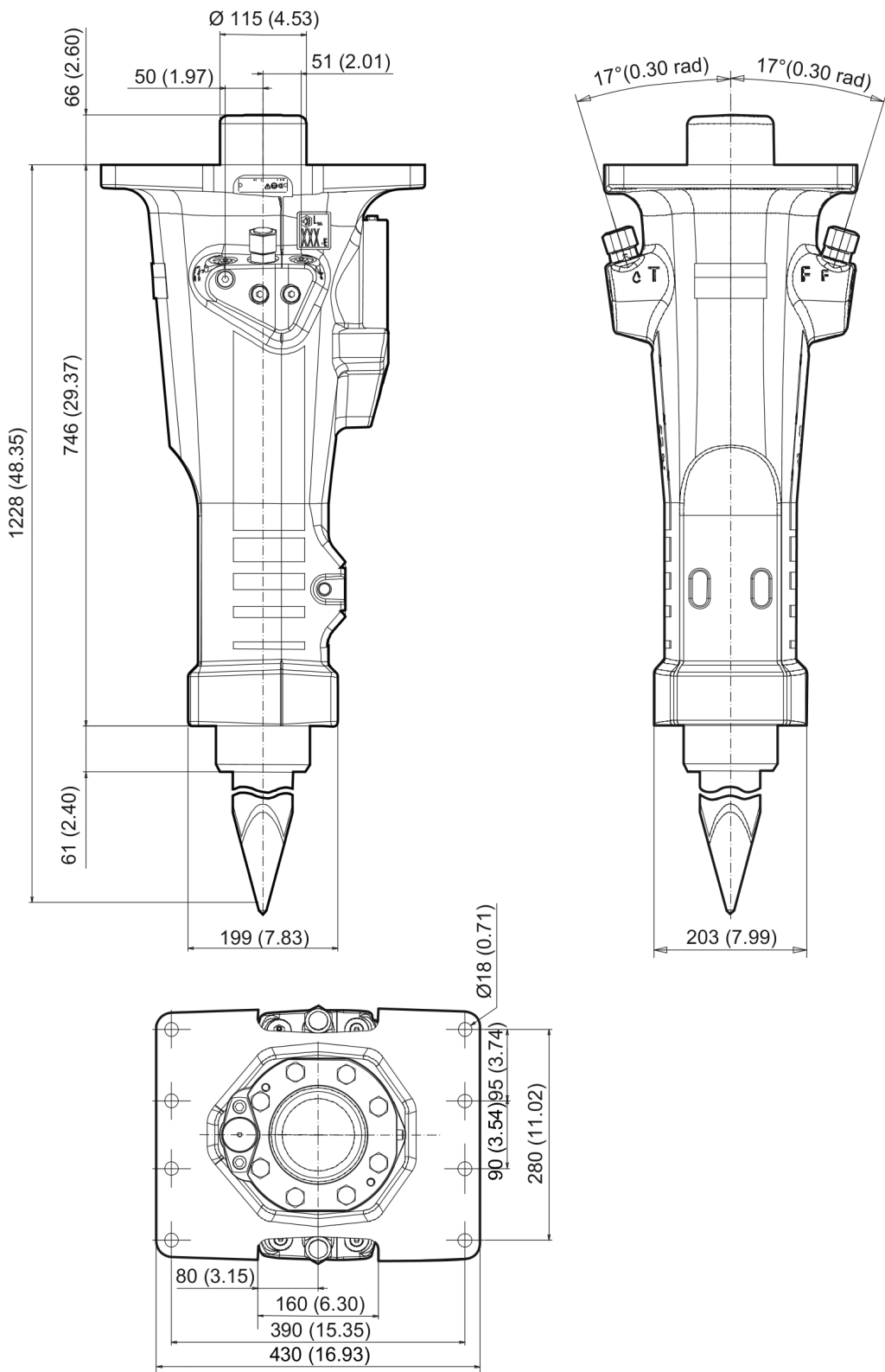
Item	Part No.	Name	Qty	L
1	3315348790	Accumulator repair kit	1	
-	3315303500	Coil spring	1	
-	3315400700	Diaphragm support	1	
-	3315235000	Diaphragm	1	
-	3115329002	Seal ring 8 x 14 x 2.4 mm (90 shore), 0.31 x 0.55 x 0.09 in.	1	
-	0663212000	O-ring 13.3 x 2.4 mm (70 shore), 0.52 x 0.09 in.	1	
-	3315366000	Charge valve	1	
-	0663211400	O-ring 7.3 x 2.4 mm (90 shore), 0.28 x 0.09 in.	1	
-	0101414000	Parallel pin D4 x 25 mm, D4 x 0.98 in.	1	
-	0211196534	Hexagon socket screw, Screw with extra high fatigue strength.	8	A
-	0686371805	Plug VSTI R 1/8-ED	1	

Comments for Page: Accumulator repair kit

(L)OCAL REMARKS

A | Screw with extra high fatigue strength.

Dimensions Dimensions (mm)



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drawings.

