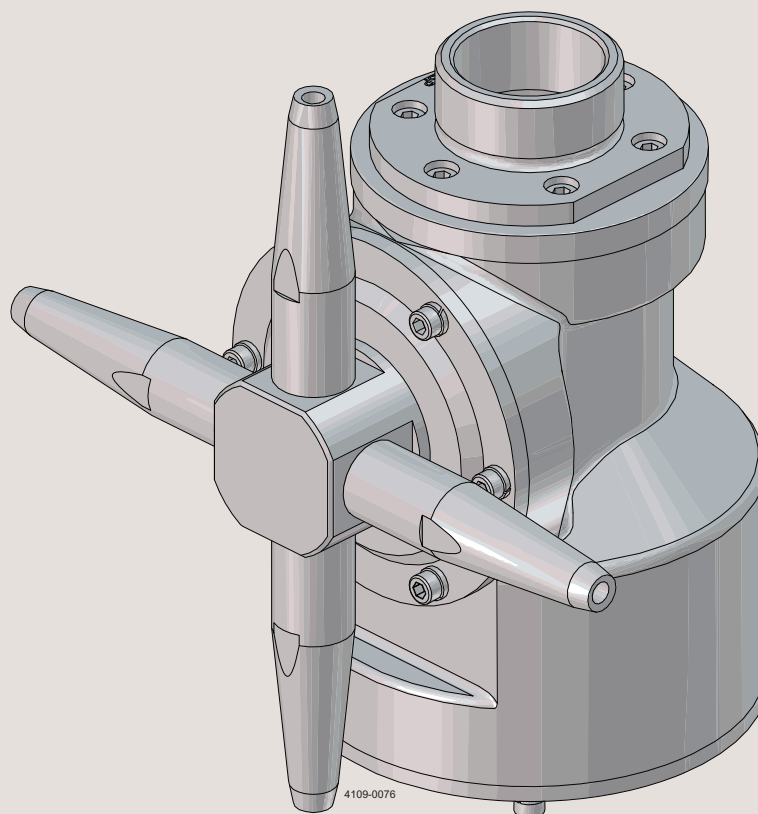




Spare Parts

Alfa Laval MultiJet 45



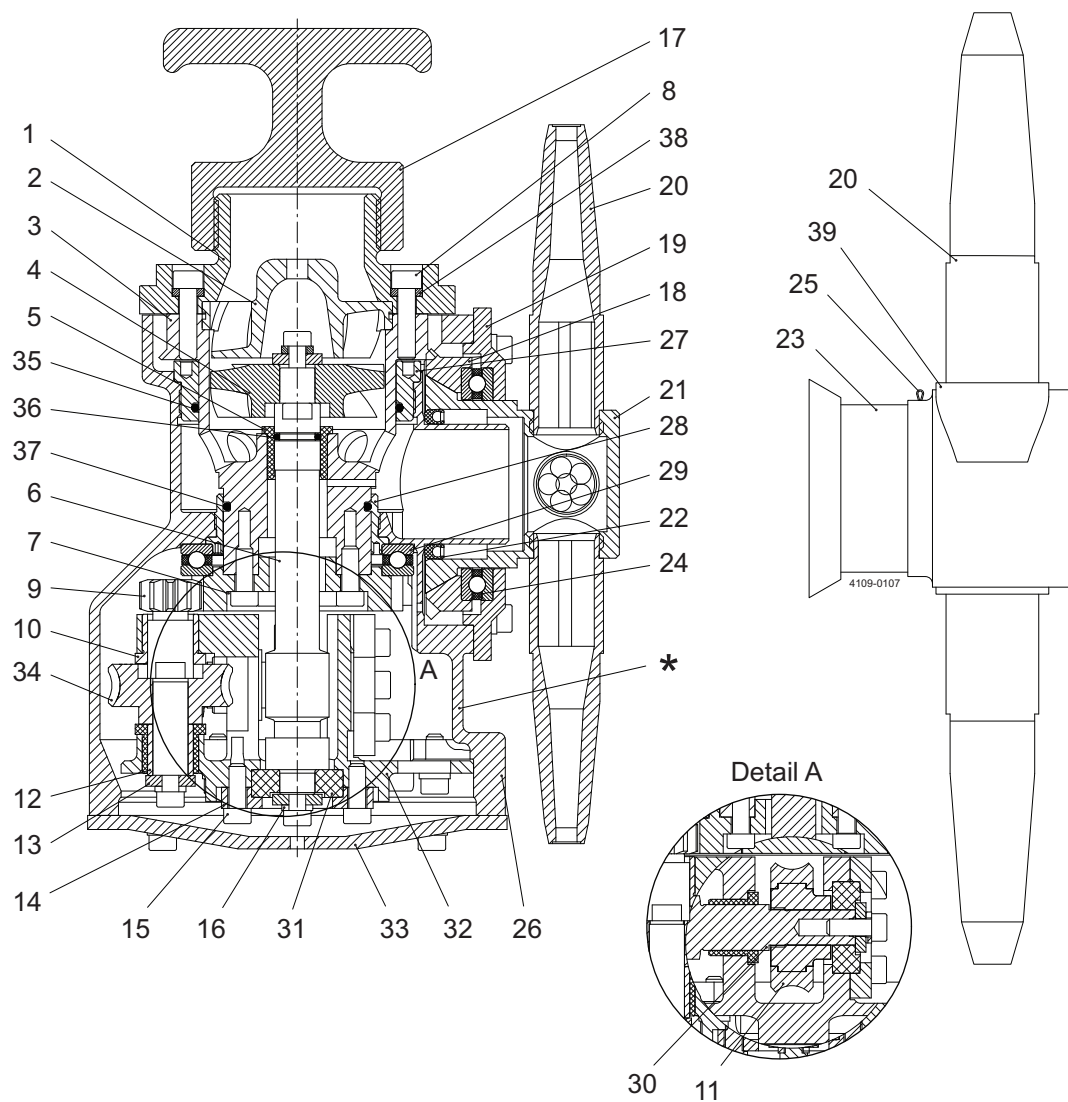
100006680-EN1

2022-05

Original manual

The information herein is correct at the time of issue but may be subject to change without prior notice

1. Alfa Laval MultiJet 45
Drawings, Parts List, Service Kits and Tools 4



Alfa Laval MultiJet 45

Drawings, Parts List, Service Kits and Tools

Pos	Qty	Denomination	Item no.	Material	Remarks
1	□	1 Nipple, 1½" BSP	TE21B500	Stainless steel	Spare part
	□	1 Nipple, 1½" NPT	TE21B501	Stainless steel	Spare part
	□	1 Process connection for adaptor	8010014973	Stainless steel	Spare part
2	□	1 Guide, 100%	TE703	Stainless steel	Spare part
	□	1 Guide, 50%	TE70350	Stainless steel	Spare part
	□	1 Guide, 0%	TE8030	Stainless steel	Spare part
3		1 Stem f. O-ring	TE21D557	Stainless steel	Spare part
4	□	1 Impeller, 100%	TE705	Stainless steel	Spare part
	□	1 Impeller, 50%	TE70550	Stainless steel	Spare part
5	★▲	1 Main bush	TE21A525	Polymer	Wear part
6	▲	1 Turbine shaft f. O-ring	TE21F503	Stainless steel	Wear part
7		1 Gear wheel w. ball race	TE21F330	Stainless steel	Spare part
7.1	▲	1 Ball race	TE8261	Stainless steel	Wear part
8		6 Screw	TE402S	Stainless steel	Spare part
9		1 Pinion	TE814	Stainless steel	Spare part
10	★▲	3 Collar bush PEEK	TE21A585	Polymer	Wear part
11	★▲	1 Worm wheel	TE21A367	Polymer	Wear part
12		1 Journal	TE817	Stainless steel	Spare part
13		4 Washer	TE719A	Stainless steel	Spare part
14		2 Bearing cover	TE731	Stainless steel	Spare part
15		32 Screw	TE118	Stainless steel	Spare part
16		17 Spring washer	TE156	Stainless steel	Spare part
17		1 Handle 1½"BSP	TE801A	Polymer	Spare part
18		1 Bevel gear w. ball race	TE722S	Stainless steel	Spare part
18.1	▲	1 Ball race	TE8261	Stainless steel	Wear part
19		1 Hub cover w. ball race	TE21B340	Stainless steel	Spare part
19.1	▲	1 Ball race	TE8261	Stainless steel	Wear part
20	□	4/2 Nozzle 2)		Stainless steel	Spare part
21	□	1 Hub	TE21C536	Stainless steel	Spare part
22	★▲	1 Lip seal	TE21B549	Elastomer	Wear part
23	□	1 Hub conical part	TE21B536	Stainless steel	Spare part
24	▲	2 Ball retainer w. balls	TE21A380	Polymer/SS	Wear part
25	□▲	1 Split Pin	TE448	Stainless steel	Wear part
26		1 Body ¹⁾		Stainless steel	N/A
27	▲	1 Main collar upper for O-ring	TE21D558	Polymer	Wear part
28	▲	1 Main collar lower	TE21B521	Polymer	Wear part
29	▲	1 Ball race	TE8261	Stainless steel	Wear part
30	□▲	1 Horizontal shaft	TE828Z	Stainless steel	Wear part
	□▲	1 Horizontal shaft, E-Gear	TE21A550	Stainless steel	Wear part
31	★▲	2 Slide bearing	TE21A570	Polymer	Wear part
32		1 Gear frame	TE730	Stainless steel	Spare part
33		1 Bottom cover	TE7335	Stainless steel	Spare part
34	□★▲	1 Worm wheel	TE21A367	Polymer	Wear part
	□★▲	1 Worm wheel, E-Gear	TE21A364	Polymer	Wear part
35	★▲	1 O-ring	TE807	Elastomer	Wear part
36	★▲	1 O-ring	TE810	Elastomer	Wear part
37	★▲	1 O-ring	TE825	Elastomer	Wear part
38		7 Washer	TE51B043	Stainless steel	Spare part
39	□	1 Hub nozzle part	TE724215	Stainless steel	Spare part

¹⁾ Position 26 is not sold as single spare part component but only as part of a machine maintenance/repair order.

For further information please contact Alfa Laval Customer Support.

²⁾ For nozzles as spare parts, please chose from scene underneath.

Please note that some of the polymer parts are in PEEK, which is not resistant to concentrated sulfuric acid.

Item no.		
Service kits for 4xø6, 4xø7, 4xø8, 2xø7 & 2xø8		
★	MINOR service kits	8010021072
▲	MAJOR service kit	8010021075
Service kits for 4xø10, 2xø10, 2xø12 & 2xø14		
★	MINOR service kit	8010021108
▲	MAJOR service kit	8010021109

□ Configuration according to delivery note/order.

Please note that some of the polymer parts are in PEEK, which is not resistant to concentrated sulfuric acid.

Parts marked with ☆ are included in the Minor service kit: 8010021072 & 8010021108

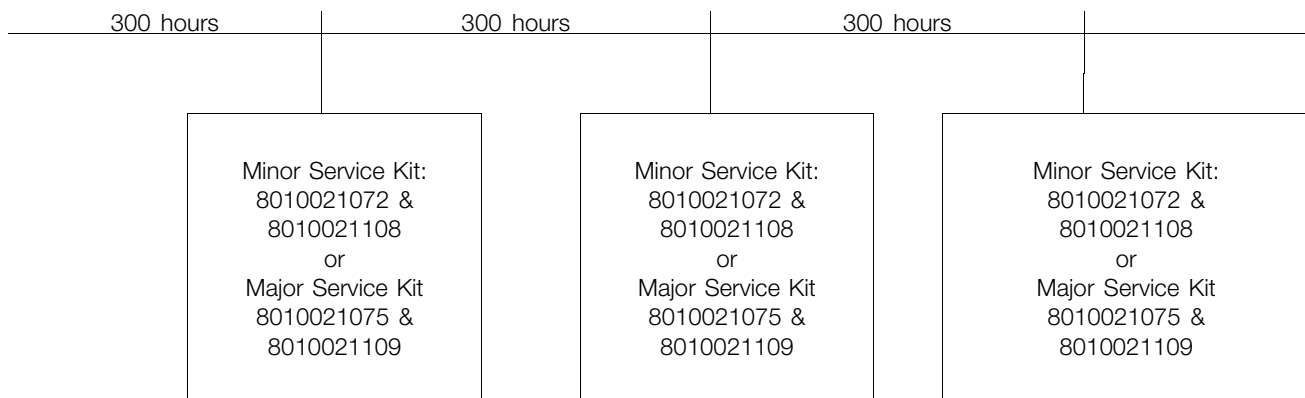
Parts marked with ▲ are included in the Major service kit: 8010021075 & 8010021109

The machine can be delivered with ATEX/IECEx certification.

Scheme, Nozzle complete

Item no.	Denomination	Item no.	Denomination
TE50A006	Nozzle ø6, 1/2" BSP	TE50B007	Nozzle ø7, 3/4" BSP
TE50A007	Nozzle ø7, 1/2" BSP	TE50B008	Nozzle ø8, 3/4" BSP
TE50A008	Nozzle ø8, 1/2" BSP	TE50B010	Nozzle ø10, 3/4" BSP
TE50A010	Nozzle ø10, 1/2" BSP	TE50B012	Nozzle ø12, 3/4" BSP
		TE50B014	Nozzle ø14, 3/4" BSP

Service intervals



NOTE

The service intervals are recommended on the basis of pure liquids. When liquids contain particles and other kind of abrasives, we recommend shorter service intervals depending on the actual running conditions.

Alfa Laval MultiJet 45
Drawings, Parts List, Service Kits and Tools

Pos	Qty	Denomination	Item no.
Minor Service Kit for 4xø6, 4xø7, 4xø8, 2xø7 & 2xø8			
		Minor Service Kit	8010021072
Consisting of:			
1		Main Bush, PEEK	TE21A525
3		Collar bush, PEEK	TE21A585
2		Slide bearing, PEEK	TE21A570
2		Worm wheel w. steel core, PEEK	TE21A367
1		O-Ring ø56 x ø2	TE807
1		O-Ring ø10.1 x ø1.6	TE810
1		O-Ring ø38 x ø2	TE825
1		Lip seal	TE21B549

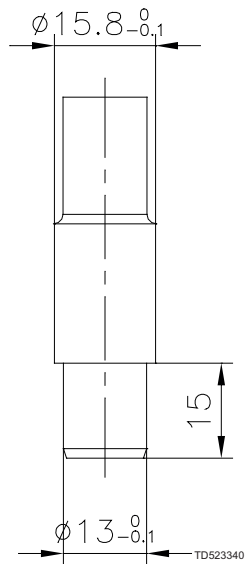
Pos	Qty	Denomination	Item no.
Major Service kits for 4xø6, 4xø7, 4xø8, 2xø7 & 2xø8			
		Major service kit	8010021075
Consisting of:			
1		Service Kit Minor	8010021072
1		Turbine shaft	TE21F503
1		Horizontal shaft	TE828Z
4		Ball race	TE826-1
2		Ball retainer with balls	TE21A380
1		Main collar upper	TE21D558
1		Main collar lower	TE21B521
1		Split pin	TE448

Pos	Qty	Denomination	Item no.
Minor Service Kit for 4xø10, 2xø10, 2xø12 & 2xø14			
		Minor service kit	8010021108
Consisting of:			
1		Main Bush, PEEK	TE21A525
3		Collar bush, PEEK	TE21A585
2		Slide bearing, PEEK	TE21A570
2		Worm wheel w. steel core, PEEK	TE21A367
1		O-Ring ø56 x ø2	TE807
1		O-Ring ø10.1 x ø1.6	TE810
1		O-Ring ø38 x ø2	TE825
1		Lip seal	TE21B549
1		Worm wheel w. steel core, PEEK	TE21A364

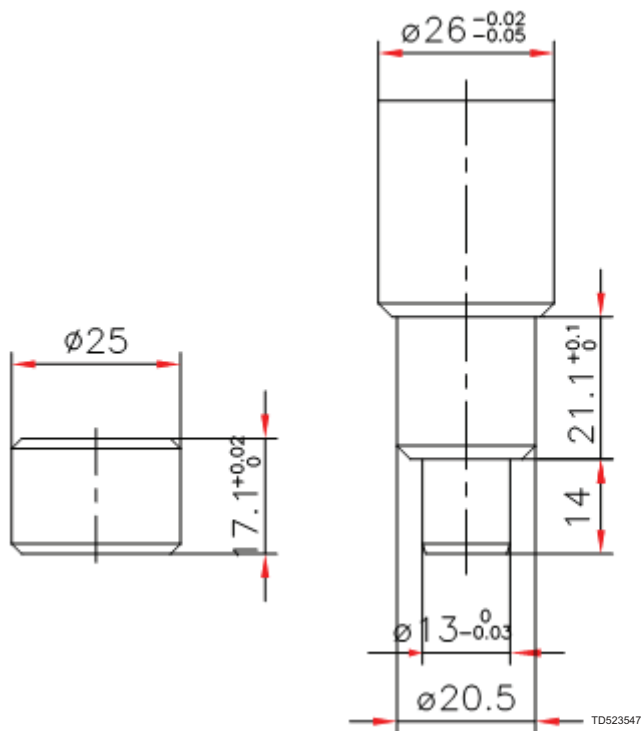
Pos	Qty	Denomination	Item no.
Major Service Kit for 4xø10, 2xø10, 2xø12 & 2xø14			
		Major service kit	8010021109
Consisting of:			
1		Service Kit Minor	8010021108
1		Turbine shaft	TE21F503
1		Horizontal shaft	TE21A550
4		Ball race	TE826-1
2		Ball retainer with balls	TE21A380
1		Main collar upper	TE21D558
1		Main collar lower	TE21B521
1		Split pin	TE448

Tools for replacement of Collars bush

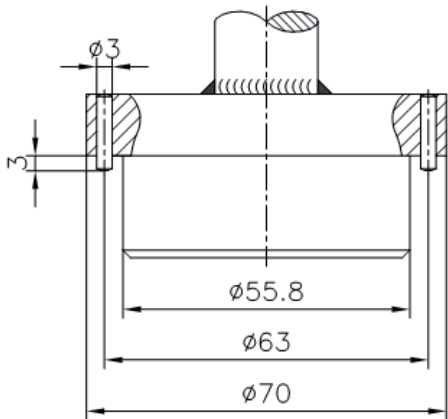
TE81B033: Pusher for 1½" Collar bush



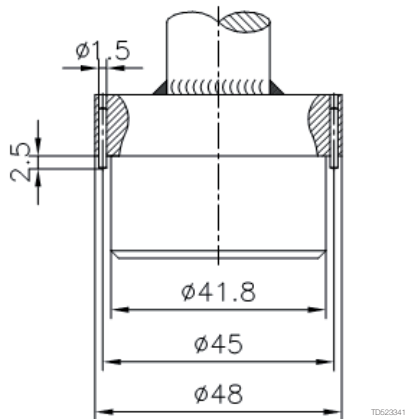
TE81B034: Fixture set f. Collar bush



Sketch of tools for replacement of Main collars



TE81B129: Tool for upper collar



TE81B130: Tool for lower collar

Alfa Laval MultiJet 45

Drawings, Parts List, Service Kits and Tools

Pos	Qty	Denomination	Item no.
Consisting of:		Standard Tool Kit	TEB1B050
	1	Hex Key for Screw	TE134
	2	Hex Screwdriver fr Screw	TE134A

Pos	Qty	Denomination	Item no.
-----	-----	--------------	----------

Tools - available on request:

Pusher for 1½" Collar bush	TE81B033
Fixture set f. Collar bush	TE81B034
Tool for Upper collar (1½" TCM)	TE81B129
Tool for Lower collar (1½" TCM)	TE81B130

How to contact Alfa Laval

Contact details for all countries are continually updated on our website.

Please visit www.alfalaval.com to access the information directly.

© Alfa Laval Corporate AB

This document and its contents is owned by Alfa Laval Corporate AB and protected by laws governing intellectual property and thereto related rights. It is the responsibility of the user of this document to comply with all applicable intellectual property laws. Without limiting any rights related to this document, no part of this document may be copied, reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the expressed permission of Alfa Laval Corporate AB. Alfa Laval Corporate AB will enforce its rights related to this document to the fullest extent of the law, including the seeking of criminal prosecution.