

MODcol Parts List 2018

Part No.	Old PN	Product Description
SC2002-025040	5110881	25mm ID x 40cm length, Standard Non-Water-Jacketed Complete Spring Column Hardware
SC2002-025070	5110882	25mm ID x 70cm length, Standard Non-Water-Jacketed Complete Spring Column Hardware
SC2002-050040	5111769	50mm ID x 40cm length, Standard Non-Water-Jacketed Complete Spring Column Hardware
SC2002-050070	5111768	50mm ID x 70cm length, Standard Non-Water-Jacketed Complete Spring Column Hardware
SC2002-W25040	5135940	25mm ID x 40cm length, Water-Jacketed Complete Spring Column Hardware
SC2002-W25070	5141098	25mm ID x 70cm length, Water-Jacketed Complete Spring Column Hardware
SC2002-W50040	5141096	50mm ID x 40cm length, Water-Jacketed Complete Spring Column Hardware
SC2002-W50070	5141097	50mm ID x 70cm length, Water-Jacketed Complete Spring Column Hardware
SC2018-70070		70mm ID x 70cm length, Complete Spring Column Hardware
SC4CE4-W101070	5141847	101mm ID x 70cm length, CE-COMPLETE WJ SC HARDWARE
SC4CE4-101070	5152350	101mm ID x 70cm length, CE-COMPLETE NWJ SC HARDWARE
SC4CE4-101040	5152351	101mm ID x 40cm length, CE-COMPLETE NWJ SC HARDWARE
SC4CE4-HOLDER	2121071	Mobile Column Holder for 50mm and 101mm ID Spring Columns
Repack Kits for Spring Columns		
AS2002-025A16	5111992	Repack Kit for 25mm ID Spring Columns with 2µm frits (3 sets of parts) 3x Piston O-Ring 25mm SC (Part Nr. AS2002-025011) 3x Outer O-Ring for 25mm Columns (Part Nr. AH0000-R025A4) 3x Inner O-Ring for 25mm Columns (Part Nr. AH0000-R025A3) 3x Outlet Bed Support Frit 2µm 25mm Column (Part Nr. AF0000-C02502) 3x Outlet Disperser Frit 60µm 25mm Column (Part Nr. AF0000-D02501)

		3x Double Density Piston Frit 2µm for 25mm column (Part Nr. AF0000-B025A2) 9x FEP Shrink Sleeve for 25mm Piston (Part Nr. AS2002-025010)
AS2002-025A17	5111993	Repack Kit for 25mm ID Spring Columns with 5µm frits (3 sets of parts) 3x Piston O-Ring 25mm SC (Part Nr. AS2002-025011) 3x Outer O-Ring for 25mm Columns (Part Nr. AH0000-R025A4) 3x Inner O-Ring for 25mm Columns (Part Nr. AH0000-R025A3) 3x Outlet Bed Support Frit 5µm 25mm Column (Part Nr. AF0000-C02503) 3x Outlet Disperser Frit 60µm 25mm Column (Part Nr. AF0000-D02501) 3x Double Density Piston Frit 5µm for 25mm column (Part Nr. AS2002-C02503) 9x FEP Shrink Sleeve for 25mm Piston (Part Nr. AS2002-025010)
AS2002-050A18	5111994	Repack Kit for 50mm ID Spring Columns with 2µm frits (3 sets of parts) 3x Piston O-Ring 50mm SC (Part Nr. AS2002-050011) 3x Outer O-Ring for 50mm Columns (Part Nr. AH0000-R0050A4) 3x Inner O-Ring for 50mm Columns (Part Nr. AH0000-R0050A3) 3x Outlet Bed Support Frit 2µm 50mm Column (Part Nr. AF0000-B05002) 3x Outlet Disperser Frit 60µm 50mm Column (Part Nr. AF0000-D05001) 3x Double Density Piston Frit 2µm for 50mm Column (Part Nr. AF0000-B05002) 9x FEP Shrink Sleeve for 50mm Piston (Part Nr. AS2002-050010)
AS2002-050A19	5111997	Repack Kit for 50mm ID Spring Columns with 5µm frits (3 sets of parts) 3x Piston O-Ring 50mm SC (Part Nr. AS2002-050011) 3x Outer O-Ring for 50mm Columns (Part Nr. AH0000-R0050A4) 3x Inner O-Ring for 50mm Columns (Part Nr. AH0000-R0050A3) 3x Outlet Bed Support Frit 2µm 50mm Column (Part Nr. AF0000-B05002) 3x Outlet Disperser Frit 60µm 50mm Column (Part Nr. AF0000-D05001) 3x Double Density Piston Frit 5µm for 50mm Column (Part Nr. AS2002-C05003) 9x FEP Shrink Sleeve for 50mm Piston (Part Nr. AS2002-050010)
AS4004-101A20	5111995	Repack Kit for 101mm ID Spring Column with 2µm DD frits (set for 2 pistons) 2 x Double Density Piston Frit 2µm for 101mm Column (Part Nr. AS4004-101016) 2 x Piston O-Ring for 101mm Column (Part Nr. AS4004-101011)

6 x FEP Shrink Sleeve for 101mm Column (Part Nr. AS4004-101012)

AS4004-101A21	5111996	Repack Kit for 101mm ID Spring Column with 5um DD frits (set for 2 pistons) 2 x Double Density Piston Frit 5um for 101mm Column (Part Nr. AS4004-101015) 2 x Piston O-Ring for 101mm Column (Part Nr. AS4004-101011) 6 x FEP Shrink Sleeve for 101mm Column (Part Nr. AS4004-101012)
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Spring Column Parts

25mm ID New Spring Column Subassemblies

AS2002-025A03	5110734	Spring Kit for 25mm ID Spring Columns, 2000psi
AS2002-025A04	5110735	Spring Kit for 25mm ID Spring Columns, 900psi
AS2002-025A05	5110736	Spring Kit for 25mm ID Spring Columns, 400psi
AS2002-025013	2103151	Guide Tube for 25mm Spring Columns
AS2002-025A06	5140817	1/16" OD, 0.020" ID connecting tube and fittings for use with 25mm ID Spring Column
AS2002-025A07	5140818	1/16" OD, 0.040" ID connecting tube and fittings for use with 25mm ID Spring Column
AS2002-025000	2103143	Threaded Spacer for 25mm ID, 40cm L Spring Columns
AS2002-025001	2103144	Threaded Spacer for 25mm ID, 70cm L Spring Columns
AS2002-025002	2103145	Threaded Flange for 25mm ID Spring Columns
AS2002-025003	2103146	Packing Spacer for 25mm ID Spring Columns
AS2002-025004	2103271	Unpacking Spacer for 25mm x 40cm SC / ASFC hardware
AS2002-025005	2103147	Unpacking Spacer for 25mm x 70cm SC / ASFC hardware

25mm ID Spring Column Replacement Parts

AF0000-C02501	2103294	1um Bed Support Frit for 25mm ID Spring Column Outlet
AF0000-C02502	2103561	2um Bed Support Frit for 25mm ID Spring Column Outlet
AF0000-C02503	2103295	5um Bed Support Frit for 25mm ID Spring Column Outlet
AF0000-D02501	2103562	60um Frit - Outlet Disperser 25mm Column
AH0000-R025A3	2104481	Inner O-Ring for 25mm i.d.SC outlet
AH0000-R025A4	2103257	Outer O-Ring for 25mm i.d. SC outlet
AS2002-C02501	2103461	1um DD piston frit for 25 mm SC
AF0000-B025A2	2103100	2um DD piston frit for 25 mm SC
AS2002-C02503	2103170	5um DD piston frit for 25 mm SC

AS2002-025011	2103150	Piston O-Ring 25mm SC
AS2002-025007	2103149	Piston for 25mm ID Spring Columns
AS2002-025010	2103640	PTFE Sleeve for 25mm SC
AS2002-025A08	5140816	Replacement bolts, nuts, and washers for non-water jacketed 25mm ID Spring Columns
AS2002-025A11	5139275	Replacement bolts, nuts, and washers for water jacketed 25mm ID Spring Columns

50mm ID Spring Column Subassemblies

AS2002-050A03	5110737	Spring Kit SS (18-8) for 50mm ID Spring Columns, 32 pcs, 2000psi
AS2002-050A06		Spring Kit (Steal) for 50mm ID Spring Columns, 40 pcs, 2000psi
AS2002-050013	2103165	Guide Tube for 50mm Spring Columns
AS2002-050A07		1/16" OD, 0.040" ID connecting tube and fittings for use with 50mm ID Spring Column
AF2002-050A08	5140819	1/8" OD, 0.060" ID connecting tube and fitting for use with 50mm ID Spring Column
AF2002-050A09	5140820	1/8" OD, 0.085" ID connecting tube and fitting for use with 50mm ID Spring Column
AS2002-050000	2103156	Threaded Spacer for 50mm ID Spring Columns (20 cm long)
AS2002-050001	2103157	Threaded Spacer for 50mm ID, 70cm L SC, replaced by 210357+2103159
AS2002-050002	2103158	Threaded Flange for 50mm ID Spring Columns
AS2002-650002		Threaded Flange for 50mm ID SC - old 6 bolt design
AS2002-050003	2103159	Packing Spacer for 50mm ID Spring Columns
AS2002-050004	2103160	Unpacking Spacer for 50mm x 40cm SC / ASFC hardware
AS2002-050005	2103161	Unpacking Spacer for 50mm x 70cm SC / ASFC hardware

50mm ID Spring Column Replacement Parts

AF0000-B05001	2103296	1um Bed Support Frit for 50mm ID Spring Column Outlet
AF0000-B05002	2101356	2um Bed Support Frit for 50mm ID Spring Column Outlet
AF0000-B05003	2103297	5um Bed Support Frit for 50mm ID Spring Column Outlet
AF0000-D05001	2103130	60um Frit - Outlet Disperser 50mm Column
AH0000-R0050A3	2103254	Inner O-Ring for 50mm i.d.SC Outlet
AH0000-R0050A3	2103259	Outer O-Ring for 50mm i.d. SC Outlet
AS2002-C05001	2103171	1 um DD Piston Frit 50 mm ID SC
AS2002-C05002	3119002	2 um DD Piston Frit 50 mm ID SC
AS2002-C05003	2103172	5 um DD Piston Frit 50 mm ID SC
AS2002-050007	2103162	Piston for 50mm ID Spring Columns
AS2002-050010	2103163	PTFE Sleeve for 50mm SC

AS2002-050011	2103164	Piston O-Ring 50mm SC
AS2002-050A10	5134676	Replacement bolts, nuts, and washers for NWJ 50mm ID SC
AS2002-050A13	5134677	Replacement bolts, nuts, and washers for water jacketed 50mm ID SC
AS2002-650A10		Replacement bolts, nuts, and washers for NWJ 50mm ID SC, 6 hole design
AS2002-650A13		Replacement bolts, nuts, and washers for water jacketed 50mm ID SC, 6 hole design

101mm ID Spring Column Replacement Parts

AS4004-101000	2103528	Threaded Packing Spacer 101mm x 40cm SC
AS4004-101001	2103458	Threaded Packing Spacer 101mm x 70cm SC
AS4004-101002	2103455	Threaded Locking Ring for 101mm ID SC
AS4004-101003	2115391	Packing Spacer for 101mm SC
AS4004-101007	2103451	Piston 101mm SC
AS4CE4-101008	2114754	CE-Top Restraint for 101mm ID SC
AS4CE4-101009	2114756	CE-Bottom Restraint for 101mm ID SC
AS4004-101010	2103459	Piston Top for 101mm ID SC
AS4004-101011	2103540	O-ring for 101 cm SC
AS4004-101012	2104500	Heat Shrink PTFE for 101mm SC (1 piece)
AS4004-101013	2103452	Guide Tube for 101mm ID Spring Kit
AS4004-101016	3119003	2um DD Piston Frit 101mm SC
AS4004-101015	2103529	5um DD Piston Frit 101mm SC
AS4004-101005	2103456	Unpacking Spacer for 101mm x 40cm / 70cm SC hardware
AS4004-101020	2131301	PTFE Backup O-Ring, 101 SC

Flanged Column Hardware and Parts

Empty Grace-Column Kits, replaced by Dr. Maisch hardware

Slurry Packing Services

Flanged Column Slurry Packing Services with Dr. Maisch hardware

PA0000-025005	5109330	Slurry Packing Services for a 25 mm ID x 05 cm flanged column
PA0000-025010	5109327	Slurry Packing Services for a 25 mm ID x 10 cm flanged column
PA0000-025015	5109328	Slurry Packing Services for a 25 mm ID x 15 cm flanged column

PA0000-025025	5109329	Slurry Packing Services for a 25 mm ID x 25 cm flanged column
PA0000-030005	5109334	Slurry Packing Services for a 30 mm ID x 05 cm flanged column
PA0000-030010	5109331	Slurry Packing Services for a 30 mm ID x 10 cm flanged column
PA0000-030015	5109332	Slurry Packing Services for a 30 mm ID x 15 cm flanged column
PA0000-030025	5109333	Slurry Packing Services for a 30 mm ID x 25 cm flanged column
PA0000-050005	5109340	Slurry Packing Services for a 50 mm ID x 05 cm flanged column
PA0000-050010	5109335	Slurry Packing Services for a 50 mm ID x 10 cm flanged column
PA0000-050015	5109336	Slurry Packing Services for a 50 mm ID x 15 cm flanged column
PA0000-050025	5109337	Slurry Packing Services for a 50 mm ID x 25 cm flanged column
PA0000-050030	5109338	Slurry Packing Services for a 50 mm ID x 30 cm flanged column
PA0000-050050	5109339	Slurry Packing Services for a 50 mm ID x 50 cm flanged column
PA0000-076010	5109341	Slurry Packing Services for a 80 mm ID x 10 cm flanged column
PA0000-076015	5109342	Slurry Packing Services for a 80 mm ID x 15 cm flanged column
PA0000-076025	5109343	Slurry Packing Services for a 80 mm ID x 25 cm flanged column
PA0000-076030	5109344	Slurry Packing Services for a 80 mm ID x 30 cm flanged column
PA0000-076050	5109345	Slurry Packing Services for a 80 mm ID x 50 cm flanged column
PA0000-101010	5109313	Slurry Packing Services for a 101 mm ID x 10 cm flanged column
PA0000-101015	5109314	Slurry Packing Services for a 101 mm ID x 15 cm flanged column
PA0000-101025	5109315	Slurry Packing Services for a 101 mm ID x 25 cm flanged column
PA0000-101030	5109316	Slurry Packing Services for a 101 mm ID x 30 cm flanged column
PA0000-101050	5109317	Slurry Packing Services for a 101 mm ID x 50 cm flanged column

Spring Column Slurry Packing Services

PS0000-025405	5109348	Slurry Packing Services for a 25 mm ID x 05 cm Spring Column (40cm hardware)
PS0000-025410	5109346	Slurry Packing Services for a 25 mm ID x 10 cm Spring Column (40cm hardware)
PS0000-025415	5109347	Slurry Packing Services for a 25 mm ID x 15 cm Spring Column (40cm hardware)
PS0000-025705	5109353	Slurry Packing Services for a 25 mm ID x 05 cm Spring Column (70cm hardware)
PS0000-025710	5109349	Slurry Packing Services for a 25 mm ID x 10 cm Spring Column (70cm hardware)
PS0000-025715	5109350	Slurry Packing Services for a 25 mm ID x 15 cm Spring Column (70cm hardware)
PS0000-025725	5109351	Slurry Packing Services for a 25 mm ID x 25 cm Spring Column (70cm hardware)
PS0000-025730	5109352	Slurry Packing Services for a 25 mm ID x 30 cm Spring Column (70cm hardware)
PS0000-050405	5109356	Slurry Packing Services for a 50 mm ID x 05 cm Spring Column (40cm hardware)
PS0000-050410	5109354	Slurry Packing Services for a 50 mm ID x 10 cm Spring Column (40cm hardware)

PS0000-050415	5109355	Slurry Packing Services for a 50 mm ID x 15 cm Spring Column (40cm hardware)
PS0000-050705	5109361	Slurry Packing Services for a 50 mm ID x 05 cm Spring Column (70cm hardware)
PS0000-050710	5109357	Slurry Packing Services for a 50 mm ID x 10 cm Spring Column (70cm hardware)
PS0000-050715	5109358	Slurry Packing Services for a 50 mm ID x 15 cm Spring Column (70cm hardware)
PS0000-050725	5109359	Slurry Packing Services for a 50 mm ID x 25 cm Spring Column (70cm hardware)
PS0000-050730	5109360	Slurry Packing Services for a 50 mm ID x 30 cm Spring Column (70cm hardware)
PS0000-101725	5110350	Slurry Packing Services for a 101 mm ID x 25 cm Spring Column (70cm hardware)
PS0000-101730	5137597	Slurry Packing Services for a 101 mm ID x 30 cm Spring Column (70cm hardware)

Axial SFC SPRING Column Hardware

Complete Axial SFC SPRING Column Hardware Kits

SY2002-W25040	5136390	25mm ID x 40cm length, Water-Jacketed Complete Axial SFC SPRING Column Hardware
SY2002-W25070	5120910	25mm ID x 70cm length, Water-Jacketed Complete Axial SFC SPRING Column Hardware
SY2002-W50040	5135423	50mm ID x 40cm length, Water-Jacketed Complete Axial SFC SPRING Column Hardware
SY2002-W50070	5120902	50mm ID x 70cm length, Water-Jacketed Complete Axial SFC SPRING Column Hardware

Repack Kits for Axial SFC SPRING Columns

AY2002-025A14	5121081	Repack Kit for 25mm ID Axial SFC SPRING Columns with 1um frits 1x Frit - 1um 25mm Column Bed Support - AF0000-C02501 1x Seals 25mm ASFC Col. Outlet - AH0000-R025A2 1xInner O-Ring for 25mm Columns - AH0000-R025A3 1x Frit 1um DD Piston 25mm SC - AS2002-C02501 1x Seal 25mm ASFC Col Piston - AY2002-025011 1x FEP Sleeve for 25mm SC - AS2002-025010 1x Frit - Outlet Dispenser 25mm Column - AF0000-D02501
AY2002-050A12	5121080	Repack Kit for 50mm ID Axial SFC SPRING Columns with 1um frits 1x Frit - 1um 25mm Column Bed Support - AF0000-C02501 1x Seals 25mm ASFC Col. Outlet - AH0000-R025A2 1x Inner O-Ring for 25mm Columns - AH0000-R025A3 1x Frit 1um DD Piston 25mm SC - AS2002-C02501 1x Seal 25mm ASFC Col Piston - AY2002-025011 1x FEP Sleeve for 25mm SC - AS2002-025010

1x Frit - Outlet Disperser 25mm Column - AF0000-D02501

25mm Axial SFC Subassemblies

AS2002-025A06	5142052	1/16" OD, 0.020" ID connecting tube and fittings for use with 25mm ID Axial SFC Column
AY2002-025A07	5142055	1/16" OD, 0.040" ID connecting tube and fittings for use with 25mm ID Axial SFC Column
AY2002-025012	2103174	SFC Piston Seal Installation Tool 25mm

25mm Axial SFC Replacement Parts

AF0000-D02501	2103562	60um Disperser Frit for 25mm ID ASFC Column Outlet
AF0000-C02501	2103294	1um Bed Support Frit for 25mm ID ASFC Column Outlet
AF0000-C02502	2103561	2um Bed Support Frit for 25mm ID ASFC Column Outlet
AF0000-C02503	2103295	5um Bed Support Frit for 25mm ID ASFC Column Outlet
AS2002-C02501	2103461	1um DD piston frit for 25 mm ASFC
AS2002-C02502	2103100	2um DD piston frit for 25 mm ASFC
AS2002-C02503	2103170	5um DD piston frit for 25 mm ASFC
AS2002-025001	2103144	Threaded Spacer for 25mm ID, 70cm L Axial SFC Columns
AS2002-025000	2103143	Threaded Spacer for 25mm ID, 40cm L Axial SFC Columns
AY2002-025007	2104363	Piston for 25mm ID Axial SFC Columns
AS2002-025002	2103145	Threaded Flange for 25mm ID Axial SFC Columns
AY2002-025011	2103173	Piston Seal for 25mm ID Axial SFC Columns
AS2002-025003	2103146	Packing Spacer for 25mm ID Axial SFC Columns
AS2002-025A11	5141069	Replacement bolts, nuts, and washers for water jacketed 25mm ID Axial SFC Columns
AS2002-025010	2103640	Heat Shrink PTFE for 25mm Axial SFC Columns
AH0000-R025A2	2103136	Outlet Seal for 25mm ID ASFC Columns

50mm New Axial SFC Subassemblies

AY2002-050A07		1/16" OD, 0.040" ID connecting tube and fittings for use with 50mm ID Axial SFC Column.
AS2002-050A08	5142054	1/8" OD, 0.060" ID connecting tube and fitting for use with 50mm ID Axial SFC Column.
AS2002-050A09	5142053	1/8" OD, 0.085" ID connecting tube and fitting for use with 50mm ID Axial SFC Column.
AY2002-050012	2103178	SFC Piston Seal Installation Tool 50mm

50 mm Axial SFC Replacement Parts

AF0000-D05001	2103130	60um Disperser Frit for 50mm ID Axial SFC Column Outlet
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AF0000-B05001	2103296	1um Bed Support Frit for 50mm ID ASFC Column Outlet
AF0000-B05002	2101356	2um Bed Support Frit for 50mm ID ASFC Column Outlet
AF0000-B05003	2103297	5um Bed Support Frit for 50mm ID ASFC Column Outlet
AS2002-C05001	2103171	1 um DD Piston Frit 50 mm ID ASFC
AS2002-C05002	3119002	2 um DD Piston Frit 50 mm ID ASFC
AS2002-C05003	2103172	5 um DD Piston Frit 50 mm ID ASFC
AS2002-050002	2103158	Threaded Flange for 50mm ID Axial SFC Columns
AS2002-050000	2103156	Threaded Spacer for 50mm ID, 40cm L Axial SFC Columns
AS2002-050003	2103159	Packing Spacer for 50mm ID Axial SFC Columns
AY2002-050007	2103811	Piston for 50mm ID Axial SFC Columns
AY2002-050011	2103177	Piston Seal for 50mm ID Axial SFC Columns
AS2002-050A13	5141080	Replacement bolts, nuts, and washers for water jacketed 50mm ID Axial SFC Columns
AS2002-050010	2103163	Heat Shrink PTFE for 50mm Axial SFC Columns
AH0000-R050A2 30632x	2103137	Outlet Seal for 50mm ASFC Columns Column end plugs, for 1/8" tube-connections, SS, thread 5/16" (10 pces)