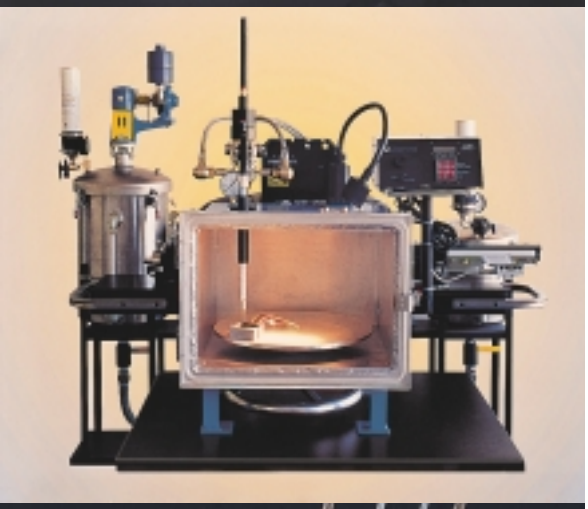

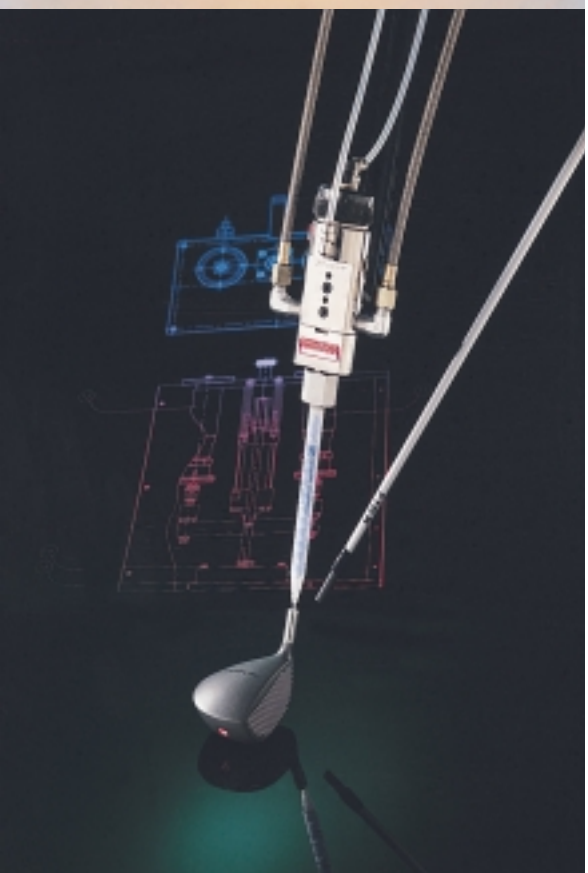

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Photos this page courtesy of Ashby Cross and Sealant Equipment and Engineering

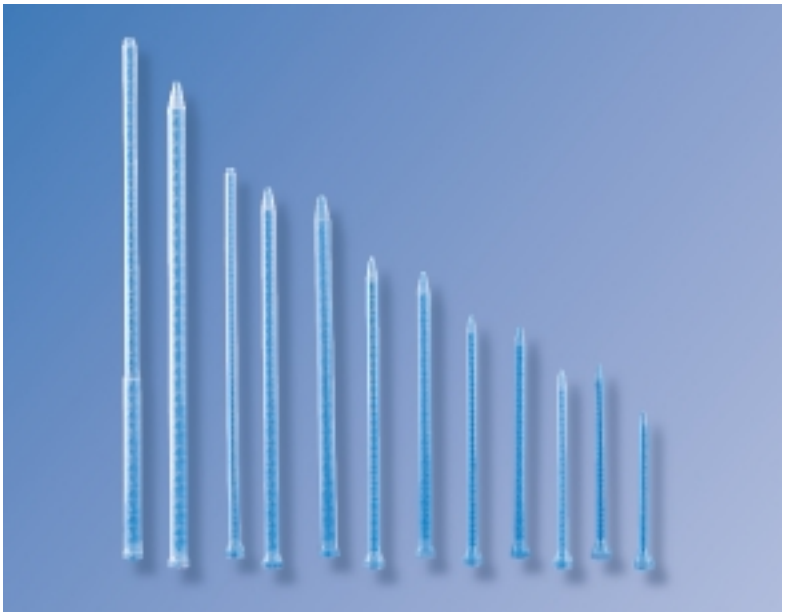
ME STATIC MIXERS

STATOMIX® ME series plastic disposable mixers, when used with meter mix equipment, provide a low cost solution for 2-component mixing. The mixer element is molded of polyacetal to withstand the higher pressures of meter mix machines.

STATOMIX® ME series mixers are also available with support washers. The washer will prevent the elements from extruding out the end of the housing when working with high pressure applications.

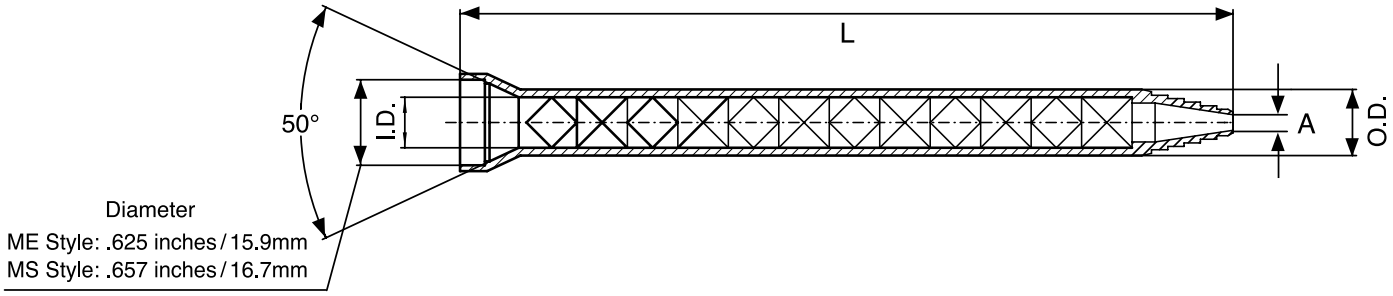
STATOMIX® ME mixers are suitable for all types of meter, mix and dispensing systems. Check with our sales department for the correct mixer for your equipment.

NOTE: The only functional difference between ME series and MS series is the inner diameter of the bell mouth housing.



TECHNICAL DATA

• Outer Housing: Polypropylene • Elements: Polyacetal • Retaining Nut: 7/8"-9 or 7/8"-14 Thread • Shrouds: See Page 9

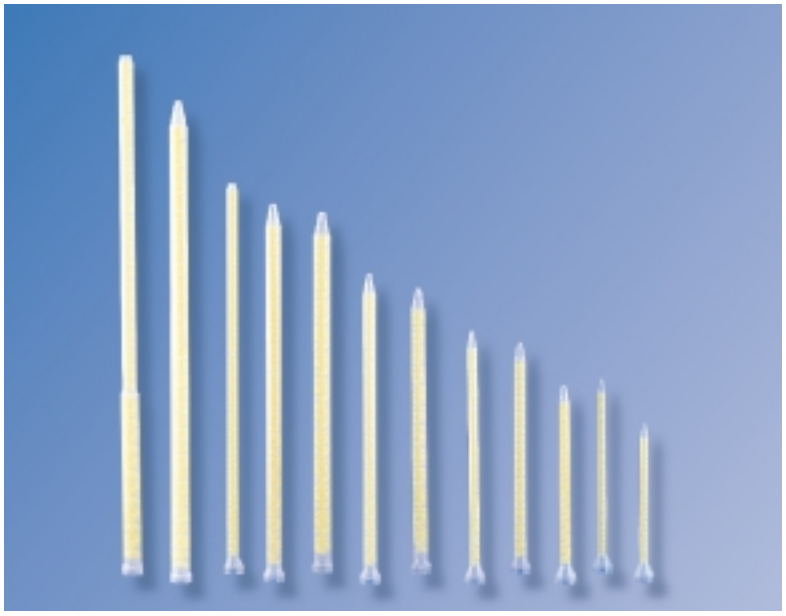


Diameter
ME Style: .625 inches / 15.9mm
MS Style: .657 inches / 16.7mm

Note: For safety reasons, Statomix® Shrouds must be used at all times.

Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Nozzle Dia. A (Inches)	Nozzle Dia. A (mm)	Approx. Content Volume (ml)
ME 05-24	.197	5.00	24	.315	8.00	5.870	149	.059	1.50	2.3
ME 05-32	.197	5.00	32	.315	8.00	7.400	188	.059	1.50	2.8
ME 06-24	.250	6.35	24	.394	10.00	7.320	186	.071	1.80	4.2
ME 06-32	.250	6.35	32	.394	10.00	9.252	235	.071	1.80	6.6
ME 06-48	.250	6.35	48	.413	10.50	13.150	334	.094	2.40	10.0
ME 08-24	.315	8.00	24	.472	12.00	8.780	223	.094	2.40	8.5
ME 08-32	.315	8.00	32	.472	12.00	11.300	287	.094	2.40	11.5
ME 10-24	.394	10.00	24	.551	14.00	10.870	276	.118	3.00	16.0
ME 10-32	.394	10.00	32	.551	14.00	13.860	352	.118	3.00	23.0
ME 13-24	.512	13.00	24	.669	17.00	11.535	293	.157	4.00	27.0
ME 13-32	.512	13.00	32	.669	17.00	14.921	379	.157	4.00	34.5
ME 13-24-L	.512	13.00	24	.669	17.00	13.800	350	.157	4.00	27.0
ME 13-32-L	.512	13.00	32	.669	17.00	17.756	451	.157	4.00	34.5
ME 1012-0832	.394 - .315	10.00 - 8.00	12 + 32	.551 - .472	14.00 - 12.00	16.102	409	.094	2.40	19.0
ME 1312-1032	.512 - .394	13.00 - 10.00	12 + 32	.669 - .551	17.00 - 14.00	19.646	499	.283	7.20	37.5

MS STATIC MIXERS



STATOMIX® MS series plastic disposable mixers, when used with meter mix equipment, provide a low cost solution for 2-component mixing. The mixer element is molded of polyacetal to withstand the higher pressures of meter mix machines.

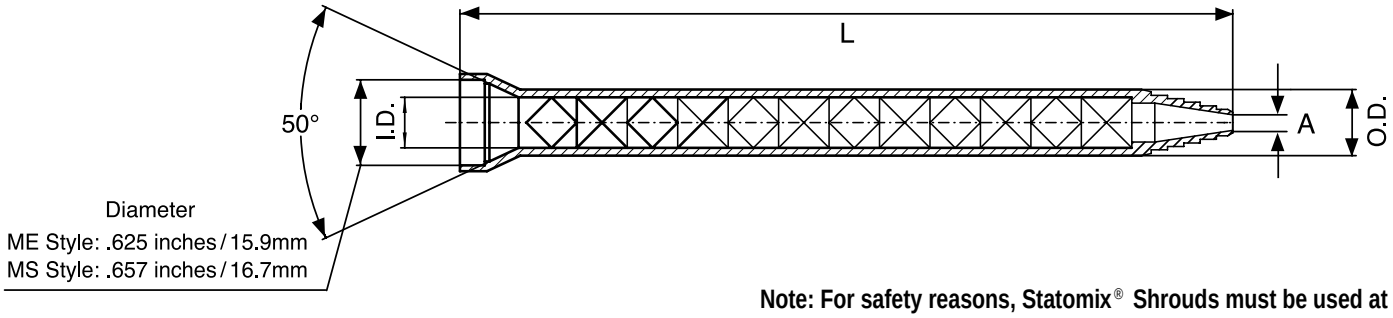
STATOMIX® MS series mixers are also available with support washers. The washer will prevent the elements from extruding out the end of the housing when working with high pressure applications.

STATOMIX® MS mixers are suitable for all types of meter, mix and dispensing systems. Check with our sales department for the correct mixer for your equipment.

NOTE: The only functional difference between ME series and MS series is the inner diameter of the bell mouth housing.

TECHNICAL DATA

• Outer Housing: Polypropylene • Elements: Polyacetal • Retaining Nut: 7/8"-9 or 7/8"-14 Thread • Shrouds: See Page 9



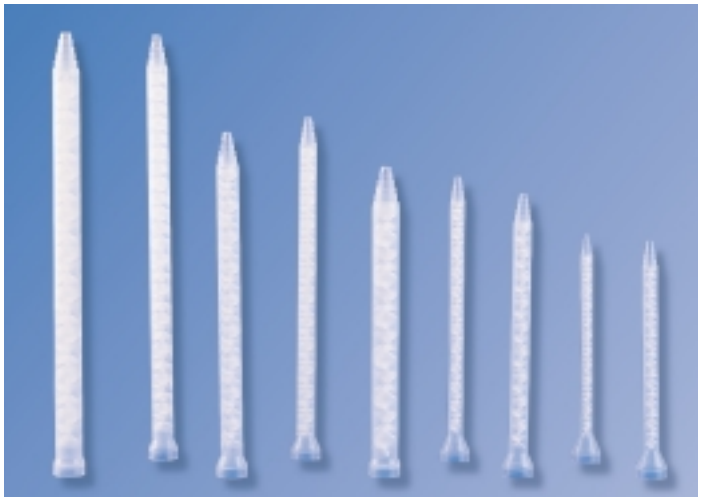
Diameter
ME Style: .625 inches / 15.9mm
MS Style: .657 inches / 16.7mm

Note: For safety reasons, Statomix® Shrouds must be used at all times.

Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Nozzle Dia. A (Inches)	Nozzle Dia. A (mm)	Approx. Content Volume (ml)
MS 05-24	.197	5.00	24	.315	8.00	5.870	149	.059	1.50	2.3
MS 05-32	.197	5.00	32	.315	8.00	7.400	188	.059	1.50	2.8
MS 06-24	.250	6.35	24	.394	10.00	7.320	186	.071	1.80	4.2
MS 06-32	.250	6.35	32	.394	10.00	9.252	235	.071	1.80	6.6
MS 06-48	.250	6.35	48	.413	10.50	13.150	334	.094	2.40	10.0
MS 06-56	.250	6.35	56	.413	10.50	14.882	378	.177	4.50	11.0
MS 08-24	.315	8.00	24	.472	12.00	8.780	223	.094	2.40	8.5
MS 08-32	.315	8.00	32	.472	12.00	11.300	287	.094	2.40	11.5
MS 10-24	.394	10.00	24	.551	14.00	10.870	276	.118	3.00	16.0
MS 10-32	.394	10.00	32	.551	14.00	13.860	352	.118	3.00	23.0
MS 13-24	.512	13.00	24	.669	17.00	11.535	293	.157	4.00	27.0
MS 13-32	.512	13.00	32	.669	17.00	14.921	379	.157	4.00	34.5
MS 13-24-L	.512	13.00	24	.669	17.00	13.800	350	.157	4.00	27.0
MS 13-32-L	.512	13.00	32	.669	17.00	17.756	451	.157	4.00	34.5
MS 1012-0832	.394 - .315	10.00 - 8.00	12 + 32	.551 - .472	14.00 - 12.00	16.102	409	.094	2.40	19.0
MS 1312-1032	.512 - .394	13.00 - 10.00	12 + 32	.669 - .551	17.00 - 14.00	19.646	499	.283	7.20	37.5

STATOMIX®

MC and MCX STATIC MIXERS

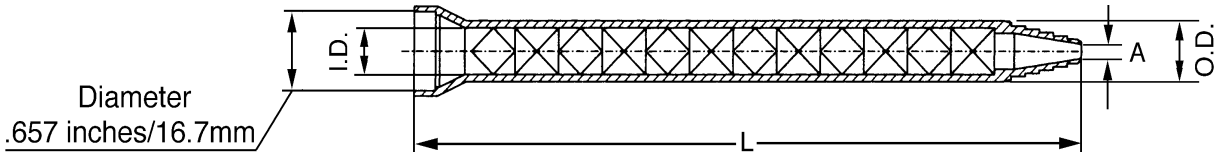


STATOMIX® MC and MCX Cartridge mixers were developed for the MIXPAC® 200 and MIXPAC® 400 SYSTEMS. The unique element design achieves proper mixing with minimal resistance, which is highly beneficial for manually powered dispensing. In addition, the MCX version has a patented design that centers the smaller stream of catalyst in 4:1 and 10:1 formulations.

The STATOMIX® MC and MCX series mixers come in a wide variety of sizes and will mix virtually any 2-part material including epoxies, silicones, urethanes, acrylics and polyesters. The STATOMIX® MC Cartridge mixer has an industry standard connection which allows it to be used with other large cartridge systems.

TECHNICAL DATA

- Outer Housing: Polypropylene
- Elements: Polypropylene
- Retaining Nut: 7/8" - 9 Thread



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Nozzle Dia. A (Inches)	Nozzle Dia. A (mm)	Approx. Content Volume (ml)	Retaining Nut Required	Max Operating Pressure (psig) (@ 104° F)
MC 05-18	.197	5.00	18	.315	8.00	4.72	120	.059	1.5	2.1	UM 10-PP	225
MC 05-24	.197	5.00	24	.315	8.00	5.87	149	.059	1.5	2.3	UM 10-PP	225
MC 05-32	.197	5.00	32	.315	8.00	7.40	188	.059	1.5	2.8	UM 10-PP	225
MC 06-18	.250	6.35	18	.394	10.00	5.87	149	.071	1.8	3.6	UM 10-PP	225
MC 06-24	.250	6.35	24	.394	10.00	7.32	186	.071	1.8	4.2	UM 10-PP	225
MC 06-32	.250	6.35	32	.394	10.00	9.25	235	.071	1.8	6.6	UM 10-PP	225
MC 08-18	.315	8.00	18	.472	12.00	6.97	177	.094	2.4	6.7	UM 10-PP	225
MC 08-24	.315	8.00	24	.472	12.00	8.78	223	.094	2.4	8.5	UM 10-PP	225
MC 08-32	.315	8.00	32	.472	12.00	11.30	287	.094	2.4	11.5	UM 10-PP	225
MC 10-18	.394	10.00	18	.551	14.00	8.43	214	.118	3.0	12.3	UM 10-PP	225
MC 10-24	.394	10.00	24	.551	14.00	10.87	276	.118	3.0	14.6	UM 10-PP	225
MC 10-32	.394	10.00	32	.551	14.00	13.86	352	.118	3.0	21.8	UM 10-PP	225
MC 13-12	.512	13.00	12	.669	17.00	6.69	170	.157	4.0	15.5	UM 13-PP	225
MC 13-18	.512	13.00	18	.669	17.00	9.09	231	.157	4.0	21.0	UM 13-PP	225
MC 13-24	.512	13.00	24	.669	17.00	11.54	293	.157	4.0	27.3	UM 13-PP	225
MC 13-32	.512	13.00	32	.669	17.00	14.92	379	.157	4.0	35.4	UM 13-PP	225
FOR 4:1 AND 10:1 CARTRIDGES ONLY												
MCX 08-18	.315	8.00	18	.472	12.00	6.97	177	.094	2.4	6.7	UM 10-PP	225
MCX 08-24	.315	8.00	24	.472	12.00	8.78	223	.094	2.4	8.5	UM 10-PP	225
MCX 10-12	.394	10.00	12	.551	14.00	6.14	156	.118	3.0	9.6	UM 10-PP	225
MCX 10-18	.394	10.00	18	.551	14.00	8.43	214	.118	3.0	12.3	UM 10-PP	225
MCX 10-24	.394	10.00	24	.551	14.00	10.87	276	.118	3.0	14.6	UM 10-PP	225
MCX 13-12	.512	13.00	12	.669	17.00	6.69	170	.157	4.0	15.5	UM 13-PP	225

STATOMIX®

MA and MX STATIC MIXERS

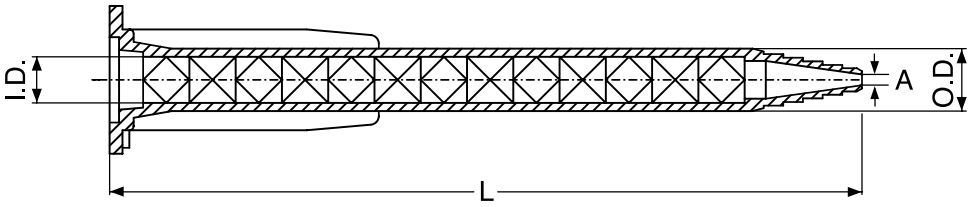
The STATOMIX® MA series mixers feature simple twist-lock mounting. The MA mixer's first element automatically aligns itself precisely with the dividing wall of the MIXPAC® 50 Cartridge, separating Part A and Part B. As a result of this patented design, the STATOMIX® MA mixer prevents curing at the interface of the cartridge.

The STATOMIX® MA series mixer comes in a wide variety of sizes and will mix virtually any 2-part material including epoxies, silicones, urethanes, acrylics and polyesters.

The STATOMIX® MA series mixers can also be used for a wide variety of low pressure meter mix applications.

TECHNICAL DATA

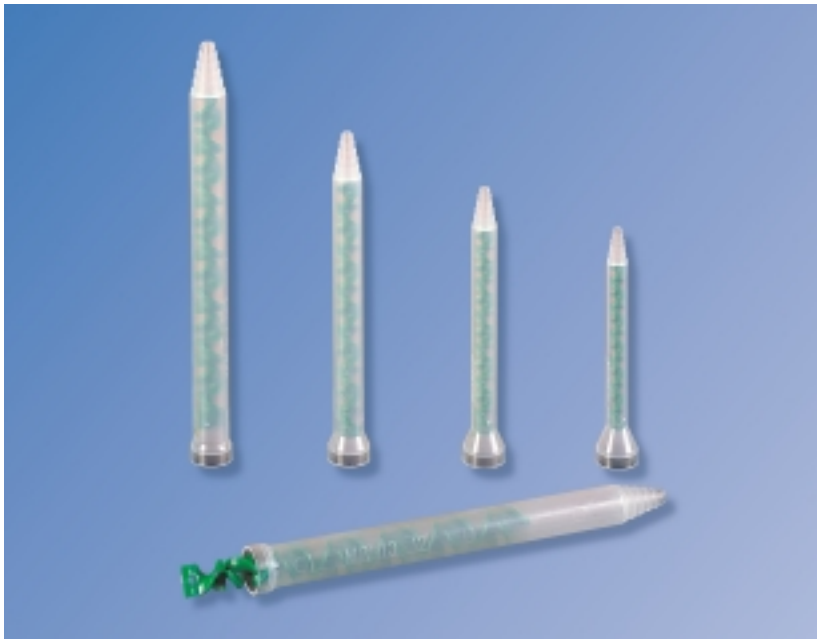
- Outer Housing: Polypropylene
- Elements: Polypropylene
- Retaining Method: Bayonet style, twist-lock



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Nozzle Dia. A (Inches)	Nozzle Dia. A (mm)	Outlet Style	Approx. Content Volume (ml)
MA 3.0-07-S	.118	3.00	7	.181	4.6	1.31	33.3	.039	1.0	Tapered	0.19
MA 3.0-13-S	.118	3.00	13	.181	4.6	2.00	50.8	.039	1.0	Tapered	0.29
MA 3.0-17-S	.118	3.00	17	.181	4.6	2.46	62.6	.039	1.0	Tapered	0.34
MA 4.0-13-S	.157	4.00	13	.228	5.8	2.60	66.0	.079	2.0	Tapered	0.60
MA 4.0-17-S	.157	4.00	17	.228	5.8	3.21	81.6	.079	2.0	Tapered	0.75
MA 5.4-07-S	.213	5.40	7	.276	7.0	2.19	55.7	.059	1.5	Stepped	0.78
MA 5.4-13-S	.213	5.40	13	.276	7.0	3.33	84.6	.059	1.5	Stepped	1.36
MA 5.4-17-S	.213	5.40	17	.339	8.6	4.08	103.6	.059	1.5	Stepped	1.68
MA 5.4-21-S	.213	5.40	21	.339	8.6	4.88	124.0	.059	1.5	Stepped	2.01
MA 6.3-12-S	.250	6.35	12	.343	8.7	3.82	97.0	.059	1.5	Stepped	2.08
MA 6.3-17-S	.250	6.35	17	.343	8.7	5.04	128.0	.059	1.5	Stepped	2.92
MA 6.3-21-S	.250	6.35	21	.343	8.7	6.02	153.0	.059	1.5	Stepped	3.57
MA 6.3-21-L	.250	6.35	21	.343	8.7	5.96	151.5	.063	1.6	Luer-End	3.33
MA 6.8-12-I	.268	6.80	12	.339	8.6	3.44	87.5	.193	4.9	Straight End	2.24
MA 0517-0413	.213 - .157	5.40 - 4.00	17 + 13	.224 - .220	5.7 - 5.6	5.87	149.0	.059	1.5	Stepped	2.10
FOR 4:1 AND 10:1 CARTRIDGES ONLY											
MX 3.0-17-S	.118	3.00	17	.181	4.6	2.46	62.6	.039	1.0	Tapered	0.34
MX 4.0-17-S	.157	4.00	17	.228	5.8	3.21	81.6	.079	2.0	Tapered	0.75
MX 5.4-17-S	.213	5.40	17	.339	8.6	4.08	103.6	.059	1.5	Stepped	1.53
MX 0517-0413	.213 - .157	5.40 - 4.00	17 + 13	.224 - .220	5.7 - 5.6	5.87	149.0	.059	1.5	Stepped	2.10

STATOMIX®

MR ROTARY MIXERS

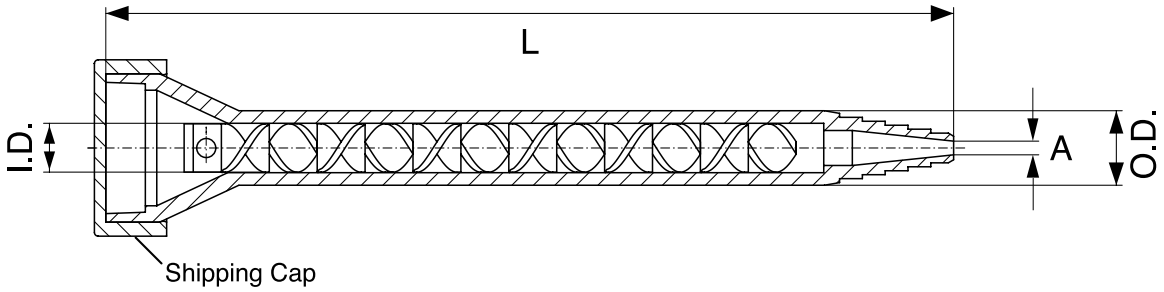


STATOMIX® MR series plastic disposable mixers are designed for use with meter, mix and dispense equipment. The MR mixer provides an inexpensive solution for the dynamic mixing of low viscosity, 2-component adhesives. In dynamic mixing, unlike that of motionless mixing, the elements within the mixer rotate. This makes the MR series ideally suited for hard-to-mix foams and urethane elastomers. Its low cost allows the entire mixer to be discarded, eliminating costly cleaning procedures associated with dynamic mixing.

STATOMIX® MR series mixers are designed with a modifiable stepped end which allows for increased outlet diameters.

TECHNICAL DATA

- Material: Outer Housing: Polypropylene
  Elements: Green Polyacetal
- Number of Elements: 12
- Retaining Method: Bell mouth style (inner diameter 16.7mm) for Retaining Nut with 7/8”-9 thread



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Nozzle Dia. A (Inches)	Nozzle Dia. A (mm)
MR 06-12	.250	6.35	12	.394	10.00	4.39	111.5	.071	1.8
MR 08-12	.315	8.00	12	.472	12.00	5.12	130.0	.094	2.4
MR 10-12	.394	10.00	12	.551	14.00	6.10	155.0	.118	3.0
MR 13-12	.512	13.00	12	.669	17.00	7.76	197.0	.157	4.0

STATOMIX® SHROUDS

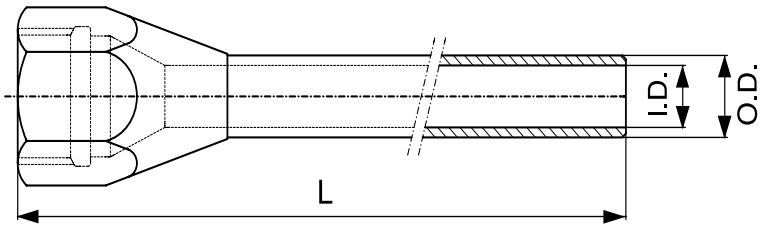
ConProTec has developed a complete line of high quality, low cost shrouds to be used with STATOMIX® static mixers on all meter mix machines.

The higher pressures associated with meter, mix and dispensing equipment require the use of STATOMIX® Shrouds. If a shroud is not used, the mixer housing can expand, allowing the catalyst or resin components to bypass the mixer elements and streamline down the inner housing wall, preventing an optimal mixture.

Additionally, ConProTec recommends the use of STATOMIX® Shrouds at all times for safety reasons in case the operating pressure exceeds the static mixer's pressure rating.

TECHNICAL DATA

- Material: Aluminum
- Finish: Anodized
- Thread: 7/8"- 9 or 7/8"-14 Thread



Part Number	For Mixer Type	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)
For 7/8"- 9 Threads							
SH 05-24-09	ME or MS 05-24	.323	8.2	.453	11.5	5.748	146.0
SH 05-32-09	ME or MS 05-32	.323	8.2	.453	11.5	7.283	185.0
SH 06-24-09	ME or MS 06-24	.402	10.2	.551	14.0	7.067	179.5
SH 06-32-09	ME or MS 06-32	.402	10.2	.551	14.0	8.996	228.5
SH 06-48-09	ME or MS 06-48	.421	10.7	.591	15.0	12.953	329.0
SH 06-56-09	MS 06-56	.421	10.7	.591	15.0	15.093	594.2
SH 08-24-09	ME or MS 08-24	.480	12.2	.630	16.0	8.465	215.0
SH 08-32-09	ME or MS 08-32	.480	12.2	.630	16.0	10.984	279.0
SH 10-24-09	ME or MS 10-24	.559	14.2	.748	19.0	10.453	265.5
SH 10-32-09	ME or MS 10-32	.559	14.2	.748	19.0	13.445	341.5
SH 13-24-09	ME or MS 13-24	.667	17.2	.906	23.0	11.043	280.5
SH 13-32-09	ME or MS 13-32	.667	17.2	.906	23.0	14.390	365.5
SH 10-44-09	ME or MS 1012-0832	.559 - .480	14.2 - 12.2	.748 - .630	19.0 - 16.0	15.787	401.0
SH 13-44-09	ME or MS 1312-1032	.667 - .559	17.2 - 14.2	.906 - .748	23.0 - 19.0	19.803	503.0
For 7/8"- 14 Threads							
SH 05-24-14	ME or MS 05-24	.323	8.2	.453	11.5	5.748	146.0
SH 05-32-14	ME or MS 05-32	.323	8.2	.453	11.5	7.283	185.0
SH 06-24-14	ME or MS 06-24	.402	10.2	.551	14.0	7.067	179.5
SH 06-32-14	ME or MS 06-32	.402	10.2	.551	14.0	8.996	228.5
SH 06-48-14	ME or MS 06-48	.421	10.7	.591	15.0	12.953	329.0
SH 06-56-14	MS 06-56	.421	10.7	.591	15.0	15.093	594.2
SH 08-24-14	ME or MS 08-24	.480	12.2	.630	16.0	8.465	215.0
SH 08-32-14	ME or MS 08-32	.480	12.2	.630	16.0	10.984	279.0
SH 10-24-14	ME or MS 10-24	.559	14.2	.748	19.0	10.453	265.5
SH 10-32-14	ME or MS 10-32	.559	14.2	.748	19.0	13.445	341.5
SH 13-24-14	ME or MS 13-24	.667	17.2	.906	23.0	11.043	280.5
SH 13-32-14	ME or MS 13-32	.667	17.2	.906	23.0	14.390	365.5
SH 10-44-14	ME or MS 1012-0832	.559 - .480	14.2 - 12.2	.748 - .630	19.0 - 16.0	15.787	401.0
SH 13-44-14	ME or MS 1312-1032	.667 - .559	17.2 - 14.2	.906 - .748	23.0 - 19.0	19.803	503.0

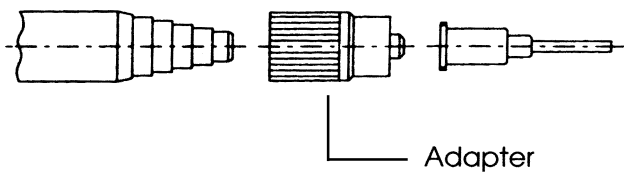
STATOMIX®

LUER LOCK ADAPTERS

Expand your capabilities and explore new applications with ConProTec's low cost Luer Lock Adapters, designed for our vast line of STATOMIX® Motionless Mixers.

The adapters allow easy attachment of dispensing needles for precise application of 2-component adhesives, allowing fine bead control and the ability to apply adhesives in difficult to reach areas.

The Luer Lock Adapters easily self-thread onto the stepped end of the mixers. Three adapter sizes are available to fit our line of STATOMIX® Motionless Mixers. All three adapters fit all standard needles.



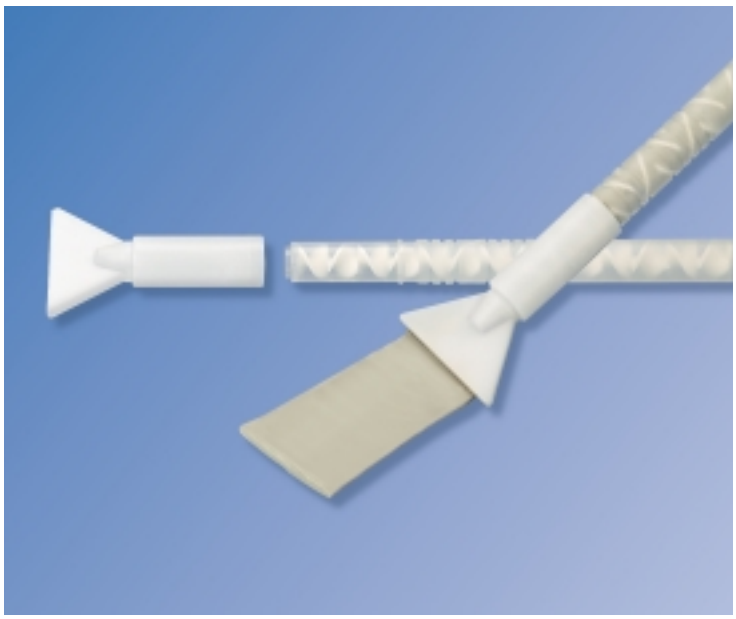
Part Number	Fits These Mixers
LA 05-00 (White)	5mm Mixers
LA 06-08 (Grey)	6 and 8mm Mixers
LA 10-00 (Black)	10mm Mixers

STATOMIX®

Ribbon Spreader Tip

The Ribbon Spreader Tip applies a 25mm or 40mm flat bead from a special 10mm, 20 or 24 element Ribbon Tip Mixer. The Ribbon Spreader Tip can rotate 360° for easy adhesive application. The Ribbon Spreader Tip and corresponding mixer must be ordered separately.

Ribbon Tip Spreader	Nominal I.D. (Inches)	I.D. (mm)	Ribbon Tip Mixer
BSD 10-25	1.0	25	MC 10-20-A
BSD 10-40	1.5	40	MC 10-24-A



STATOMIX®

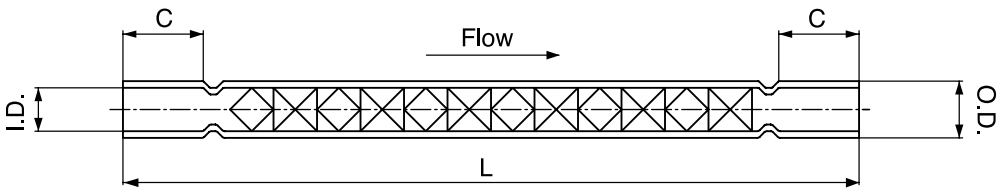
FM SERIES
PLASTIC FLEXIBLE MIXERS

STATOMIX® FM series flexible in-line mixers are developed especially for 2-component varnishes and other low viscosity materials. This non-rigid mixer housing is made from a high strength nylon that is resistant to moisture absorption. These mixers are not recommended for high-pressure applications or for mixing high viscosity materials.

STATOMIX® FM series mixers have a polypropylene element that is retained in the housing by a crimp at each end. This in-line mixer is designed with plain ends and ample room beyond the crimp to allow for an optimal connection.

TECHNICAL DATA

- Material: Outer Housing: Nylon; Elements: Polypropylene
- Number of Elements: 24 or 36
- Retention of Elements: By means of a crimp on both ends of housing
- End Connectors: Plain Ends
- Max. operating pressure: According to the table below. For high pressures and temperature above 40°C it is necessary to use a protective covering
- Tolerances: Length +/- 1mm



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Notch Recess C (mm)	Max. Operating Pressure 40 C (bar)
FM 06-09-24	.250	6.40	24	.354	9.00	7.40	188	13.00	203
FM 06-09-36	.250	6.40	36	.354	9.00	10.35	263	13.00	203
FM 08-10-24	.312	8.00	24	.394	10.00	9.45	240	20.00	131
FM 08-10-36	.312	8.00	36	.394	10.00	13.15	334	20.00	131

STATOMIX®

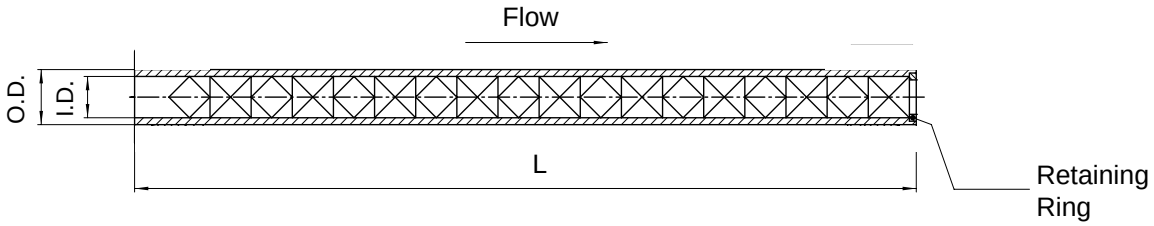
RE SERIES STAINLESS STEEL MIXERS WITH REMOVABLE ELEMENTS

STATOMIX® RE-Series in-line steel tube mixers are fitted with removable elements and are designed for use with 2-component reactive silicone elastomers, silicone foams and resin systems with fillers, where cleaning is not possible by burning out the mixer content.

A retaining ring, positioned at the outlet end of the housing, supports the elements. This type of mixer should be cleaned *immediately* after use. It is recommended to flush it with the main component only and then with a mixture of solvent/air. Should further cleaning still be necessary, the elements may be removed and soaked in solvent.

TECHNICAL DATA

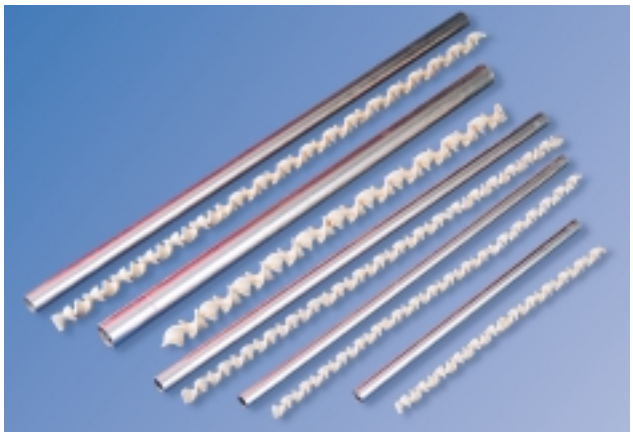
- Material: Outer Housing: Stainless steel 316
  Elements: Stainless steel 316
- Number of Elements: 12 or 18
- Retention of Elements: Retaining ring on downstream end of housing
- End Connectors: Plain Ends
- Design Pressure: The max. allowable operating pressure (see table below) is according to DIN 2413, scope of application I, permanent elongation limit 1% at 20°C, safety factor 1.7
- Tolerances: O.D. and wall: According to DIN 2391, page 1; Length +/-1mm



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Max. Operating Pressure (psig)
RE 08-540-12	.315	8.00	12	.540	13.72	6.060	154	6,772
RE 08-540-18	.315	8.00	18	.540	13.72	8.900	226	6,772
RE 10-675-12	.394	10.00	12	.675	17.15	7.560	192	5,800
RE 10-675-18	.394	10.00	18	.675	17.15	11.100	282	5,800
RE 12-675-12	.472	12.00	12	.675	17.15	9.055	230	5,075
RE 12-675-18	.472	12.00	18	.675	17.15	13.310	338	5,075
RE 15-840-12	.591	15.00	12	.840	21.34	11.420	290	5,075
RE 15-840-18	.591	15.00	18	.840	21.34	16.730	425	5,075
RE 20-1050-12	.787	20.00	12	1.050	26.67	15.160	385	4,060
RE 20-1050-18	.787	20.00	18	1.050	26.67	21.890	556	4,060
RE 25-1315-12	.984	25.00	12	1.315	33.40	19.130	486	3,379
RE 25-1315-18	.984	25.00	18	1.315	33.40	28.110	714	3,379

STATOMIX®

IN-LINE STEEL/FIBERGLASS MIXERS



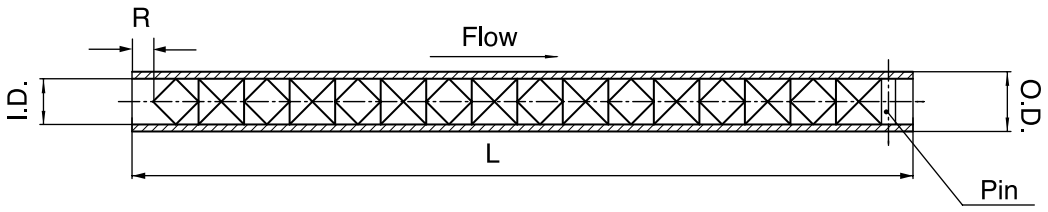
STATOMIX® in-line steel/fiberglass mixers were developed as a low cost alternative for mixing 2-component synthetic resins. The mixing elements are made of a high-grade, solvent-resistant fiberglass.

A transverse rod at the outlet end of the stainless steel housing supports the elements.

Should a complete hardening occur within the mixer, the low cost of the unit allows for easy replacement and avoids unproductive cleaning.

TECHNICAL DATA

- Material: Outer Housing: Sizes 1/4" and 5/16" 304 stainless steel; 3/8" to 1" Carbon steel
  Elements: Fiberglass reinforced engineering plastic
- Number of Elements: 24 or 36
- Retention of Elements: Retention pin over the last element on downstream end of housing
- End Connectors: Plain Ends
- Max. allowable Pressure Drop: 300 psi at 150° F (66° C)
- Design Pressure/Temperature: See below for max. allowable operating pressure at 200° F (93° C)
  According to ASME code, section VIII, Div. 1 (1983)
- Tolerances: Length +/- 1/16"



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Element Recess R (Inches)	Max. Operating Pressure (psig)
PS 250-24	.197	5.00	24	.250	6.35	4.88	123.95	.125	3.229
PS 250-36	.197	5.00	36	.250	6.35	7.25	184.15	.125	3,229
PS 312-24	.250	6.35	24	.312	7.92	6.63	168.40	.500	3,010
PS 312-36	.250	6.35	36	.312	7.92	9.63	244.60	.500	3,010
PS 375-24	.315	8.00	24	.375	9.53	8.13	206.50	.500	2,265
PS 375-36	.315	8.00	36	.375	9.53	11.88	301.75	.500	2,265
PS 500-24	.433	11.00	24	.500	12.70	11.38	289.05	.500	1,905
PS 500-36	.433	11.00	36	.500	12.70	16.63	422.40	.500	1,905
PS 625-24	.512	13.00	24	.625	15.88	13.25	336.55	.500	2,610
PS 625-36	.512	13.00	36	.625	15.88	19.50	495.30	.500	2,610
PS 750-24	.630	16.00	24	.750	19.05	16.25	412.75	.500	3,105
PS 750-36	.630	16.00	36	.750	19.05	23.88	606.55	.500	3,105
PS 1000-24	.787	19.99	24	1.000	25.40	20.13	511.30	.500	3,105
PS 1000-36	.787	19.99	36	1.000	25.40	29.75	755.65	.500	3,105

STATOMIX®

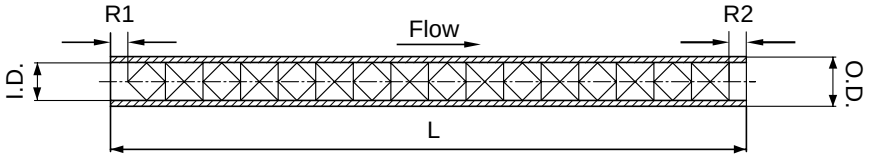
IN-LINE ALL STEEL MIXERS

STATOMIX® in-line stainless steel tube mixers are especially suited for mixing 2-component synthetic resin systems. These durable stainless steel mixers consist of alternating left-, right-hand helical elements, which are brazed within the entire length of the tubular housing.

The mixer must be cleaned *immediately* after use. It needs to be run briefly on the main component only (without hardener), then flushed with a solvent/air mixture. If partial or complete hardening occurs within the mixer, it can be burned out at 930°-1,110° F (500°- 600° C).

TECHNICAL DATA

- Material: Outer Housing and Elements: 304 or 306 stainless steel
- Number of Elements: 24, 30 or 36 elements
- Retention of Elements: Brazed with nickel base alloy over entire length of element assembly, braze remelt temperature approx. 1796° F (980° C)
- End Connectors: Plain Ends
- Design Pressure/Temperature: See below for max. allowable operating pressure at -20° to 200° F (-29° to 93° C) According to ASME code, section VIII, Div. 1 (1983)
- Tolerances: O.D. and wall: According to ASTM A-632; Length +/- 1/16"



Part Number	Inner Dia. I.D. (Inches)	Inner Dia. I.D. (mm)	Number of Elements	Outer Dia. O.D. (Inches)	Outer Dia. O.D. (mm)	Length L (Inches)	Length L (mm)	Element Recess R1 - R2 (Inches)	Max. Operating Pressure (psig)
ST 188-24	.132	3.35	24	.188	4.75	6.00	152.40	.125 - .125	5,611
ST 188-30	.132	3.35	30	.188	4.75	7.50	190.50	.125 - .125	5,611
ST 188-36	.132	3.35	36	.188	4.75	8.88	225.55	.125 - .125	5,611
ST 250-24	.194	4.93	24	.250	6.35	7.00	177.80	.500 - .125	4,085
ST 250-30	.194	4.93	30	.250	6.35	8.75	222.25	.500 - .125	4,085
ST 250-36	.194	4.93	36	.250	6.35	10.50	266.70	.500 - .125	4,085
ST 375-24	.305	7.75	24	.375	9.53	11.38	289.05	.500 - .125	3,327
ST 375-30	.305	7.75	30	.375	9.53	14.25	361.95	.500 - .125	3,327
ST 375-36	.305	7.75	36	.375	9.53	17.00	431.80	.500 - .125	3,327
ST 500-24	.430	10.92	24	.500	12.70	16.75	425.45	.500 - .125	2,451
ST 500-30	.430	10.92	30	.500	12.70	20.75	527.05	.500 - .125	2,451
ST 500-36	.430	10.92	36	.500	12.70	24.75	628.65	.500 - .125	2,451
ST 750-24	.590	14.99	24	.750	19.05	21.75	552.45	.250 - .250	3,908
ST 750-30	.590	14.99	30	.750	19.05	27.13	689.10	.250 - .250	3,908
ST 750-36	.590	14.99	36	.750	19.05	32.50	825.50	.250 - .250	3,908
ST 1000-24	.787	19.99	24	1.000	25.40	28.88	733.55	.250 - .250	3,865
ST 1000-30	.787	19.99	30	1.000	25.40	36.00	914.40	.250 - .250	3,865
ST 1000-36	.787	19.99	36	1.000	25.40	43.00	1092.20	.250 - .250	3,865