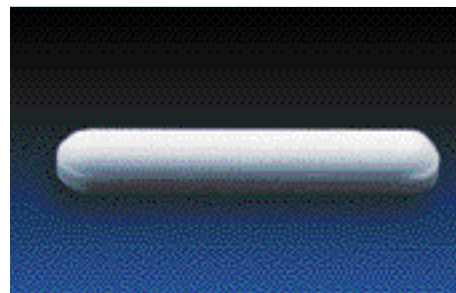
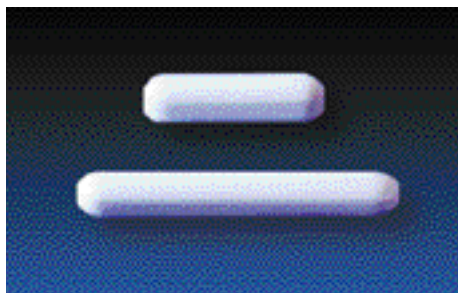


STIRRER BAR MAGNETS

- Mastco has the most comprehensive range of stirrer bar magnets available on the market today.
- We only use Alnico V or Rare Earth permanent magnet core.
- Quality is assured by Isostatically encapsulating in pure virgin PTFE.

CARE OF STIRRER MAGNETS - To prevent demagnetization, stirring bars using Alnico Magnets should not be stored in random mass but paired. Avoid dropping stirrer bar magnets on hard surfaces.



MICRO

For small container usage.

Ref No.	L	Ø
SBM0202MIC	2	2
SBM0303MIC	3	3
SBM0502MIC	5	2
SBM0603MIC	6	3
SBM0702MIC	7	2
SBM08015MIC	8	1.5
SBM0803MIC	8	3
SBM1003MIC	10	3
SBM1303MIC	13	3
SBM15015MIC	15	1.5

CYLINDRICAL

Smooth round profile, a popular all-purpose stirrer for a wide variety of applications.

Ref No.	L	Ø
SBM0603CYL	6	3
SBM0803CYL	8	3
SBM1006CYL	10	6
SBM12045CYL	12	4.5
SBM1306CYL	13	6
SBM1307CYL	13	7
SBM1308CYL	13	8
SBM1310CYL	13	10
SBM15045CYL	15	4.5
SBM1506CYL	15	6
SBM2006CYL	20	6
SBM2007CYL	20	7
SBM2008CYL	20	8
SBM2505CYL	25	5
SBM2506CYL	25	6
SBM2508CYL	25	8
SBM2510CYL	25	10
SBM3006CYL	30	6
SBM3007CYL	30	7
SBM3008CYL	30	8
SBM3506CYL	35	6
SBM4007CYL	40	7
SBM4008CYL	40	8
SBM4508CYL	45	8
SBM5008CYL	50	8
SBM6010CYL	60	10
SBM7010CYL	70	10
SBM8010CYL	80	10

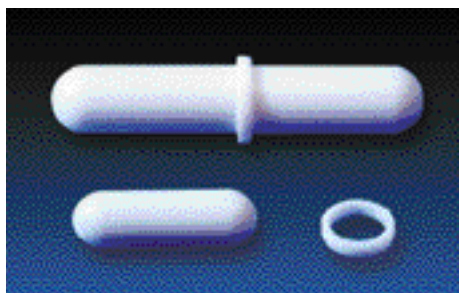
PLAIN

Similar action to cylindrical but gives more turbulence at low speeds.

Ref No.	L	Ø
SBM1006PLA	10	6
SBM12045PLA	12	4.5
SBM1308PLA	13	8
SBM15045PLA	15	4.5
SBM1506PLA	15	6
SBM1508PLA	15	8
SBM2006PLA	20	6
SBM2007PLA	20	7
SBM2506PLA	25	6
SBM2507PLA	25	7
SBM2508PLA	25	8
SBM2510PLA	25	10
SBM3006PLA	30	6
SBM3007PLA	30	7
SBM3506PLA	35	6
SBM3507PLA	35	7
SBM3510PLA	35	10
SBM4007PLA	40	7
SBM4008PLA	40	8
SBM4508PLA	45	8
SBM5007PLA	50	7
SBM5008PLA	50	8
SBM5010PLA	50	10
SBM5727PLA	57	27
SBM6007PLA	60	7
SBM6008PLA	60	8
SBM6010PLA	60	10
SBM6513PLA	65	13
SBM7010PLA	70	10
SBM7513PLA	75	13
SBM8010PLA	80	10
SBM10827PLA	108	27
SBM15927PLA	159	27

The dimensions of stirrer bars are NOMINAL and approximate by $\pm 5\%$ for length and $\pm 10\%$ for diameter.

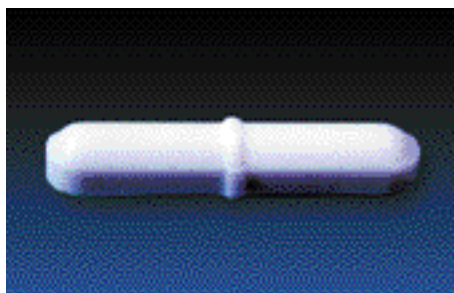
WE MANUFACTURE CUSTOM PTFE ENCAPSULATED MAGNETS FOR EVERY APPLICATION. SEND US YOUR SPECIFICATIONS, DRAWINGS OR SAMPLES FOR A QUOTE.



REMOVABLE RING

Used as either Cylindrical or Pivot Ring type.

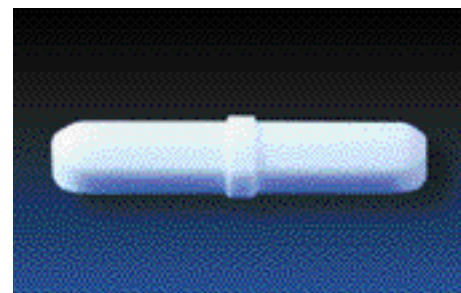
Ref No.	L	Ø
SBM1208RMR	12	8
SBM2508RMR	25	8
SBM3208RMR	32	8
SBM3808RMR	38	8
SBM3810RMR	38	10
SBM4210RMR	42	10
SBM5108RMR	51	8
SBM5110RMR	51	10
SBM7512RMR	75	12
SBM10216RMR	102	16
SBM12716RMR	127	16
SBM15019RMR	150	19



PIVOT RING

Used in containers with bases that are slightly curved or uneven.

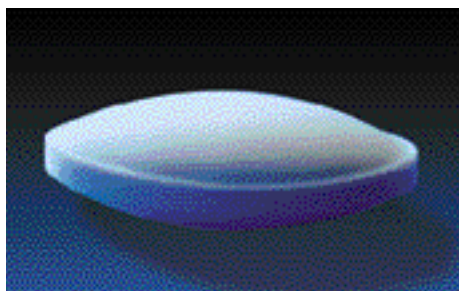
Ref No.	L	Ø
SBM0803PVR	8	3
SBM12045PVR	12	4.5
SBM1206PVR	12	6
SBM1308PVR	13	8
SBM15045PVR	15	4.5
SBM1508PVR	15	8
SBM2006PVR	20	6
SBM2506PVR	25	6
SBM2510PVR	25	10
SBM3006PVR	30	6
SBM3506PVR	35	6
SBM3510PVR	35	10
SBM4008PVR	40	8
SBM4508PVR	45	8
SBM5008PVR	50	8
SBM5010PVR	50	10
SBM5724PVR	57	24
SBM6010PVR	60	10
SBM6513PVR	65	13
SBM7010PVR	70	10
SBM7513PVR	75	13
SBM10824PVR	108	24
SBM15924PVR	159	24



OCTAHEDRAL

Provides similar action to Pivot Ring type.

Ref No.	L	Ø
SBM1303OTH	13	3
SBM1308OTH	13	8
SBM1310OTH	13	10
SBM1508OTH	15	8
SBM1510OTH	15	10
SBM2208OTH	22	8
SBM2210OTH	22	10
SBM2508OTH	25	8
SBM2510OTH	25	10
SBM2808OTH	28	8
SBM3510OTH	35	10
SBM3808OTH	38	8
SBM3810OTH	38	10
SBM3813OTH	38	13
SBM4108OTH	41	8
SBM4810OTH	48	10
SBM5108OTH	51	8
SBM5110OTH	51	10
SBM6408OTH	64	8
SBM6410OTH	64	10
SBM7513OTH	75	13



OVAL

Used in round bottomed flasks.

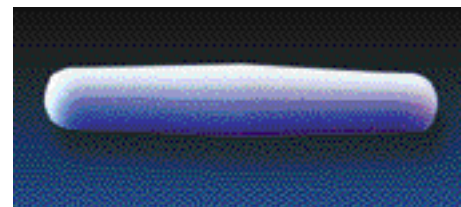
Ref No.	L	Ø
SBM1005OVL	10	5
SBM1506OVL	15	6
SBM2010OVL	20	10
SBM2510OVL	25	10
SBM2512OVL	25	12
SBM3010OVL	30	10
SBM3016OVL	30	16
SBM3513OVL	35	13
SBM3516OVL	35	16
SBM4013OVL	40	13
SBM4020OVL	40	20
SBM5017OVL	50	17
SBM5020OVL	50	20
SBM6420OVL	64	20
SBM7020OVL	70	20
SBM7025OVL	70	25
SBM7027OVL	70	27



CROSS

Popular all purpose stirrer.

Ref No.	Ø
SBM1010CRO	10
SBM2020CRO	20
SBM2525CRO	25
SBM3030CRO	30
SBM3838CRO	38

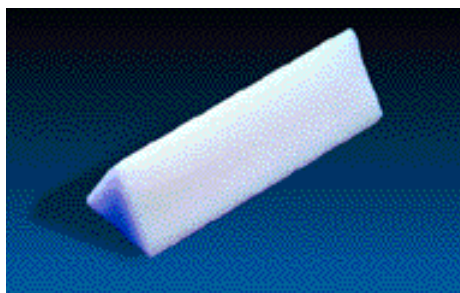


TAPERED

Provides similar action to Oval/Pivot Ring types.

Ref No.	L	Ø
SBM1004TAP	10	4
SBM1505TAP	15	5
SBM2007TAP	20	7
SBM2508TAP	25	8
SBM3008TAP	30	8
SBM3508TAP	35	8
SBM4008TAP	40	8
SBM4508TAP	45	8
SBM5008TAP	50	8
SBM5508TAP	55	8
SBM6008TAP	60	8
SBM7010TAP	70	10
SBM8010TAP	80	10

STIRRER BAR MAGNETS



TRIANGULAR

Used for dissolving solids and mixing sediments because of the scraper-like action.

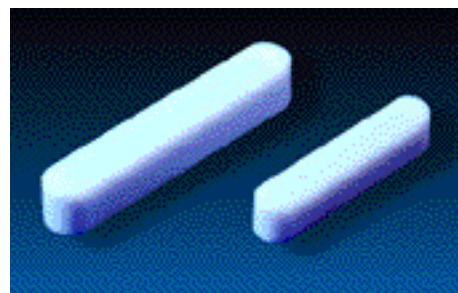
Ref No.	L	Ø
SBM1206TRI	12	6
SBM2008TRI	20	8
SBM2508TRI	25	8
SBM2514TRI	25	14
SBM3509TRI	35	9
SBM4014TRI	40	14
SBM5012TRI	50	12
SBM5514TRI	55	14
SBM8018TRI	80	18
SBM11036TRI	110	36
SBM13636TRI	136	36



TRIANGLE WITH RIB

Provides excellent turbulence at all speeds.

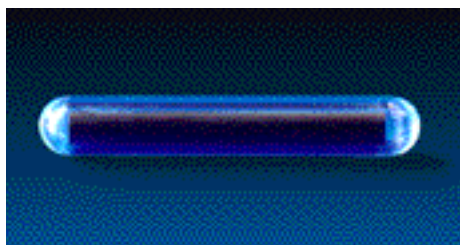
Ref No.	L	Ø
SBM1206TRR	12	6
SBM2508TRR	25	8
SBM3509TRR	35	9
SBM5012TRR	50	12
SBM8018TRR	80	18



SQUARE

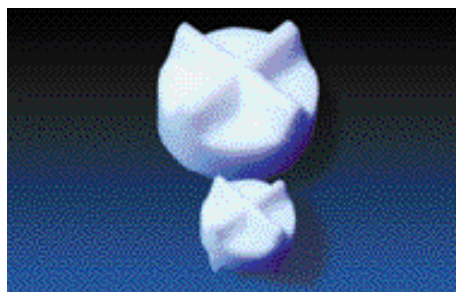
Used for low speed applications.

Ref No.	L	H
SBM1204SQU	12	4
SBM25055SQU	25	5.5
SBM3506SQU	35	6
SBM50075SQU	50	7.5



GLASS COVERED

Ref No.	L	Ø
SBM0605GLC	6	5
SBM1205GLC	12	5
SBM2506GLC	25	6
SBM4508GLC	45	8
SBM6008GLC	60	8



CROSSHEAD

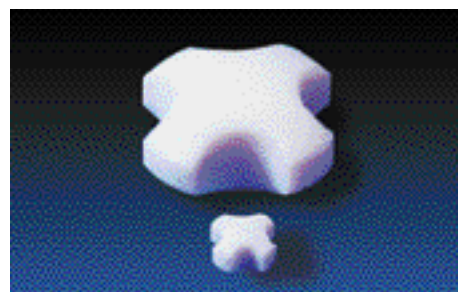
Designed for use with tube-like containers. Popular all purpose stirrer.

DOUBLE

Ref No.	H	Ø
SBM0810CHD	8	10
SBM1014CHD	10	14
SBM1317CHD	13	17
SBM1522CHD	15	22
SBM1230CHD	12	30
SBM1235CHD	12	35
SBM1440CHD	14	40
SBM1560CHD	15	60

SINGLE

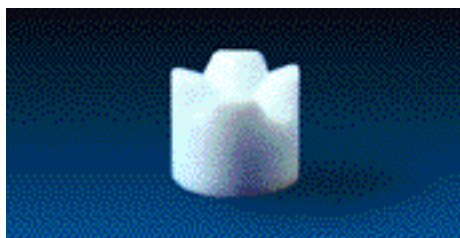
Ref No.	H	Ø
SBM0810CHS	8	10
SBM1214CHS	12	14
SBM1317CHS	13	17
SBM1525CHS	15	25
SBM1740CHS	17	40
SBM1760CHS	17	60



DISC

Used in tubes.

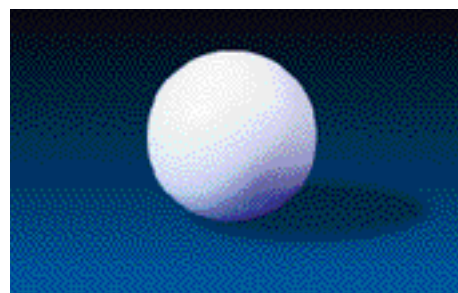
Ref No.	H	Ø
SBM0609DIS	6	9
SBM0610DIS	6	10
SBM1020DIS	10	20
SBM1230DIS	12	30



TUBE

Used with 10mm standard cuvettes.

Ref No.	H	Ø
SBM0609TUB	6	9

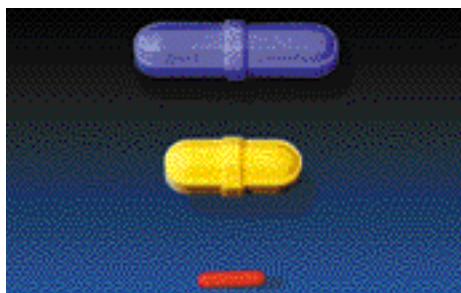


SPHERICAL

Used for tubes and special interest stirring.

Ref No.	Ø
SBM1212SPH	12

If you need custom PTFE products - call Mastco!



COLOR CODED

Used for identification. Note: Colored PTFE coatings are not as inert as pure PTFE.

COLORED OCTAHEDRAL

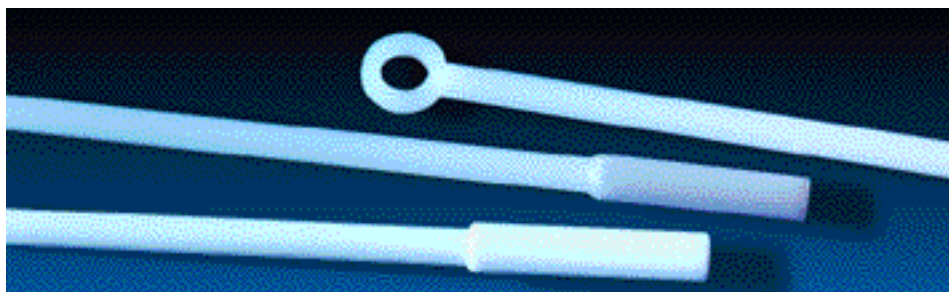
Ref No.	L	Ø
SBM1308CO_	13	8
SBM1508CO_	15	8
SBM2208CO_	22	8
SBM2508CO_	25	8
SBM3808CO_	38	8
SBM5108CO_	51	8
SBM7513CO_	75	13

Please use "R" = Red, "B" = Blue, OR "Y" = Yellow for the last letter in the reference number which will indicate your color stirrer bar.

COLORED MICRO

Ref No.	L	Ø
SBM0202CM_	2	2
SBM0303CM_	3	3
SBM0502CM_	5	2
SBM0603CM_	6	3
SBM0702CM_	7	2
SBM08015CM_	8	1.5
SBM0803CM_	8	3
SBM1003CM_	10	3
SBM1303CM_	13	3
SBM15015CM_	15	1.5

Please use "R" = Red, "B" = Blue, OR "Y" = Yellow for the last letter in the reference number which will indicate your color stirrer bar.



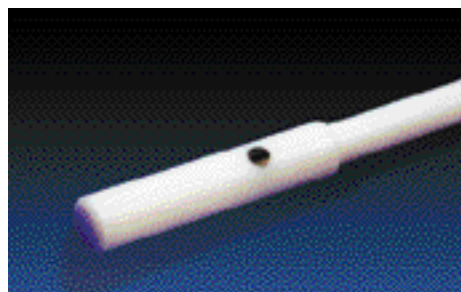
RETRIEVERS

PTFE

Ref No.	L	Ø
SBM15010RPT	150	10
SBM25010RPT	250	10
SBM35010RPT	350	10

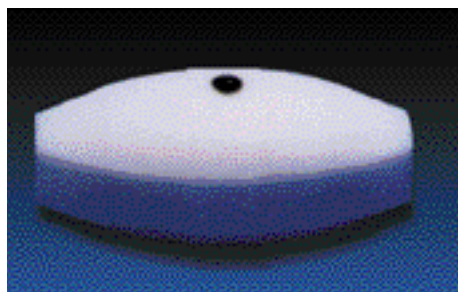
POLYPROPYLENE

Ref No.	L	Ø
SBM30010RPP	300	10
SBM35010RPP	350	10
SBM45010RPP	450	10



RARE EARTH RETRIEVERS

Ref No.	L	Ø
SBM15010RER	150	10
SBM25010RER	250	10
SBM35010RER	350	10



ELLIPTICAL RARE EARTH MAGNETS

Ref No.	L	Ø
SBM1006REM	10	6
SBM1510REM	15	10
SBM2514REM	25	14
SBM5024REM	50	24
SBM7028REM	70	28

RARE EARTH SAMARIUM - COBALT SUPER POWER STIRRER BARS

Exceptional strength coupled with almost total resistance to demagnetization. Identified by a carbon black spot.

Custom Rare Earth encapsulated magnets are available. Send your specifications or drawings for a quote!

