








Recommended Stirring Bar Guide

Image	Shape	Features and benefits	Carousel 12 Plus	Carousel 6 Plus	Carousel 6 Plus	GreenHouse Plus	StarFish	StarFish
			Reaction tubes 5-20ml (1ml reduced volume available)	250ml, 170ml and 100ml flasks	25ml and 50ml flasks	GreenHouse Plus tubes 0.5-7ml tubes	500ml, 250ml, 150ml and 100ml flasks	25ml and 50ml flasks
	Cylindrical PTFE Stirring Bar	Designed for stirring small volumes in vials and tubes	RR98113 12mm RE			RR98113		
	Pivot Ring PTFE Stirring Bar	Similar to cylindrical stirring bars, but the additional pivot ring can help to optimally position the bar and enable smoother stirring	RR98071 12x6mm RR99607 12x4.5mm			RR99613 15mm* RR99607 12x4.5mm		
	Octagonal PTFE Stirring Bar	Interrupted profile provides greater surface area and added turbulence	RR98070 13mm		RR98070 13mm			RR98070 13mm
	Cross Shape PTFE Stirring Bar	Good general purpose stirring bars that give stable stirring with a deep vortex	RR98091 16.5mm RE RR98075 10mm* (reduced volume)		RR98091 16.5mm RE RR98075 10mm RR95910 30mm		RR95910 30mm	RR98091 16.5mm RE RR98075 10mm
	Elliptical PTFE Stirring Bar	Curved stirring bars designed for use with round bottom flasks	RR98097 15mm RE RR98096 10mm RE	RR99064 25mm RE** RR98097 15mm RE	RR98097 15mm RE RR98096 10mm RE		RR99064 25mm RR98097 15mm	RR98097 15mm RE RR98096 10mm RE

Rare earth stirring bars

- RE in the product name of a magnetic stirring bar stands for rare earth. Rare earth stirring bars are usually identified by a (chemically inert) black spot on the stirring bar.
- Rare earth magnets provide significantly increased magnetic strength compared to standard magnets – stronger attraction between stirring bar and hotplate, useful for stirring viscous samples.
- Rare earth magnets are almost completely resistant to demagnetisation, in contrast to standard stirring bars, which lose their magnetism with time and so require regular replacement.

* information in **bold** indicates recommended stirring bar

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Stirring bar evaluation kits

We offer two stirring bar evaluation kits, each containing a selection of stirring bars.

These are useful for trialling different stirring bars in an application, or simply if you require magnetic stirring for a range of glassware.

RR98095 PTFE Magnetic Stirring Bar Evaluation Kit	RR71200 Stirring Bar Evaluation Kit for Flasks
30 stirring bars in total - contains 3 each of:	10 stirring bars in total - contains 2 each of:
RR99064 Elliptical Stirring Bar 25mm RE	RR95921 Oval Stirring Bar 50mm
RR98097 Elliptical Stirring Bar 15mm RE	RR95920 Oval Stirring Bar 40mm
RR98096 Elliptical Stirring Bar 10mm RE	RR99064 Elliptical Stirring Bar 25mm RE
RR98091 Cross Shape Stirring Bar 16.5mm RE	RR98091 Cross Shape Stirring Bar 16.5mm RE
RR98075 Cross Shape Stirring Bar 10mm	RR98075 Cross Shape Stirring Bar 10mm
RR98113 Cylindrical Stirring Bar 12mm RE	
RR99613 Pivot Ring Stirring Bar 15mm	
RR98071 Pivot Ring Stirring Bar 12x6mm	
RR99607 Pivot Ring Stirring Bar 12x4.5mm	
RR98070 Octagonal Stirring Bar 13mm	

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