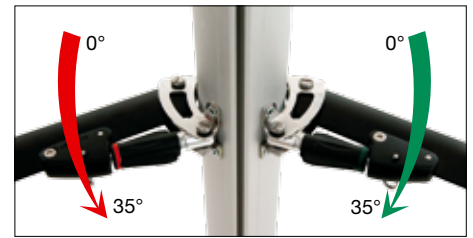


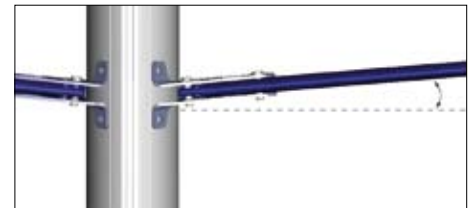
# Spreader systems

Seldén offers two spreader system solutions. Our standard vernier-adjust spreader system (page 22) provides a simple, robust solution for all sailing applications. Our recently developed fully adjustable spreader system offers a much more specific, precise-adjust system for the top level sailor.

Both systems have a dihedral angle locked into the bracket to give optimum rig support, and as both brackets are shaped and fitted to the mast with precision jigs, every bracket is perfectly symmetrical and consistent.



*All brackets are formed on a precision jig. With no welding processes, every bracket is perfectly symmetrical and consistent.*



*The new system has the dihedral angle locked into the bracket to give the optimum rig support.*



## Fully adjustable spreader system

Champions demand quick and precise spreader angle control to tune their rig to the conditions, helping them to sail fast every day.

Seldén has developed a fully adjustable spreader system for the ultimate in adjustment and rig control. This redefines world standards for rig adjustment, strength and reliability.

Top dinghy sailors from a broad range of classes and countries told us what they required from the ultimate bracket. Our technical team met this tough set of criteria through careful selection of shapes and materials:

**Function:** Ergonomic, moulded composite thumbscrews are easy to adjust, and the adjusters are designed to provide a simple turn-forward-to-push-forward logic. The spreaders can be adjusted in as little as 1° increments. A hole is provided for permanent pin locking if required.

**Aerodynamics:** Both thumbscrews and spreader lugs are low profile, minimum windage composite mouldings.





**Durability:** Moving parts in self-lubricating composite and anodised aluminium.

**Strength:** Mast bracket is a sturdy stainless steel pressing incorporating lightening holes.






**Reliability:** The bracket incorporates permanently built-in dihedral to ensure the spreaders bisect the shroud angles: no danger of spreader droop and loss of control.

The fully adjustable spreader system is available on new masts produced from Kappa, Cumulus, Epsilon and Gamma sections and comes complete with our aerofoil spreader section and adjustable spreader ends.

## Carbon fully adjustable

	Art. No.	Description		Art. No.	Description	
	503-800-01	Carbon fully adjustable spreader 300mm		522-208-01	Spreader bracket for Series II	
	503-801-01	Carbon fully adjustable spreader 325mm			522-145-01	Spreader bracket suitable for Series III
	503-802-01	Carbon fully adjustable spreader 350mm			503-767-01	Spreader adjusters (pair)
	503-803-01	Carbon fully adjustable spreader 375mm				
	503-804-01	Carbon fully adjustable spreader 400mm				
	503-805-01	Carbon fully adjustable spreader 425mm				
	503-806-01	Carbon fully adjustable spreader 450mm				
	503-807-01	Carbon fully adjustable spreader 475mm				
	503-808-01	Carbon fully adjustable spreader 500mm				

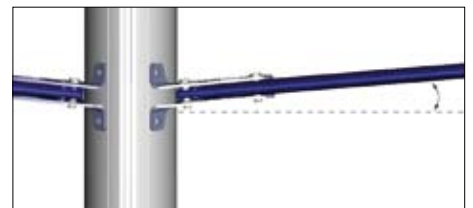
## Fully adjustable spreader system

	Art. No.	Description		Art. No.	Description
	522-144-01	Spreader bracket suitable for Cumulus, Epsilon, Gamma mast sections		503-195-01	Spreader assembly, fully adjustable 400 mm
	522-145-01	Spreader bracket suitable for Kappa and Series 3 mast sections		503-225-01	Spreader assembly, fully adjustable 400 mm, extra aft sweep (Flying15)
	503-767-01	Spreader adjusters (pair)		503-196-01	Spreader assembly, fully adjustable 425 mm
				503-197-01	Spreader assembly, fully adjustable 450 mm
	503-191-01	Spreader assembly, fully adjustable 300 mm		503-198-01	Spreader assembly, fully adjustable 475 mm
	503-192-01	Spreader assembly, fully adjustable 325 mm	503-199-01	Spreader assembly, fully adjustable 500 mm	
	503-193-01	Spreader assembly, fully adjustable 350 mm		155-049-01	Replacement spreader bolt kit (2 x bolts and 2 x nuts)
	503-194-01	Spreader assembly, fully adjustable 375 mm			

### Vernier spreader system



The Seldén vernier spreader bracket system provides a strong, low windage and super-lightweight solution to spreader attachment, combined with highly adjustable spreader angles. The spreader angle is changed via simple clevis pin vernier adjustment, and with its four bracket configurations it can be fitted to all section shapes.

With the clevis pin adjuster system, the spreader angle can be set anywhere from 0° to 35° of sweep, with adjustment increments as small as 2°. With its robust 5 mm pins, the mechanism is the strongest on the market.



*The new system has the dihedral angle locked into the bracket to give the optimum rig support.*



Art. No.	Description	Art. No.	Description		
	522-142-01	Spreader bracket suitable for Cumulus, Epsilon, Gamma mast sections		503-770-11	Spreader assembly 285 mm blue
	522-143-01	Spreader bracket suitable for C and E mast sections		503-771-11	Spreader assembly 335 mm blue
	522-146-01	Spreader bracket suitable for D Plus, Kappa, CC064 and Lambda mast sections		503-772-11	Spreader assembly 375 mm blue
	522-147-01	Spreader bracket suitable for CC059 (Orbis) mast sections		503-773-11	Spreader assembly 435 mm blue
	522-168-02	Spreader bracket suitable for CC077 (Series 4) mast sections		503-774-11	Spreader assembly 485 mm blue
		503-775-11		Spreader assembly 535 mm blue	
		503-777-11	Spreader assembly 585 mm blue		
		503-776-11	Spreader assembly thumbscrew 437.5 mm		
			165-608	Clevis pin 4.76 mm/14 mm for spreader attachment	
			155-049	M5 Shouldered Screw	
			158-004	M5 Nylon nut	

Art. No.	Description
522-180-01	Front strap, stainless steel
522-179-01	Aft lug (6.4 mm fixings)
503-766-01	Bottlescrew adjuster kit
503-769-01	Limited swing adjuster kit
503-768-01	Turnbuckle adjuster kit
503-750-01	Spreader assembly 300 mm
503-751-01	Spreader assembly 350 mm
503-752-01	Spreader assembly 390 mm
503-753-01	Spreader assembly 450 mm
503-754-01	Spreader assembly 500 mm
503-752-02	Spreader assembly 390 mm turnbuckle
503-753-02	Spreader assembly 450 mm turnbuckle
503-755-01	Spreader assembly 600 mm
503-755-02	Spreader assembly 600 mm turnbuckle
503-776-01	Spreader assembly 470 (thumbscrew) 440 mm
522-181-01	Spreader bracket 2420 complete with fixings (Snipe)
503-757-01	Spreader assembly 380 mm, for Snipe

### Original spreader systems

Seldén dinghy spars were supplied with turnbuckle or bottlescrew spreader adjusters for over 15 years. Spares for this system will be available for the next few years. This system has been replaced on new spars by our latest products. Our continuous development programme ensures that you get the market's best spreader systems as standard when you buy a Seldén dinghy mast.



### Adjustable spreader end

Our latest spreader end cap design is manufactured from tough composite and incorporates two wire slots to give a tight grip on either 2.5 or 3 mm wire. This enables spreader dihedral to be permanently locked into the spreader system. The spreader end comes complete with a vernier length adjuster which can be adjusted in 5 mm increments.

### Non-adjustable spreader end

A simple fixed spreader end for masts that do not require any spreader length adjustment.



Two wire slots to give a tight grip on either 2.5 or 3 mm wire. Art. No. 500-801-01.

### Spreader end

	Art. No.	Description
	500-801-01	Fully adjustable spreader end
	500-807	Non-adjustable spreader end

