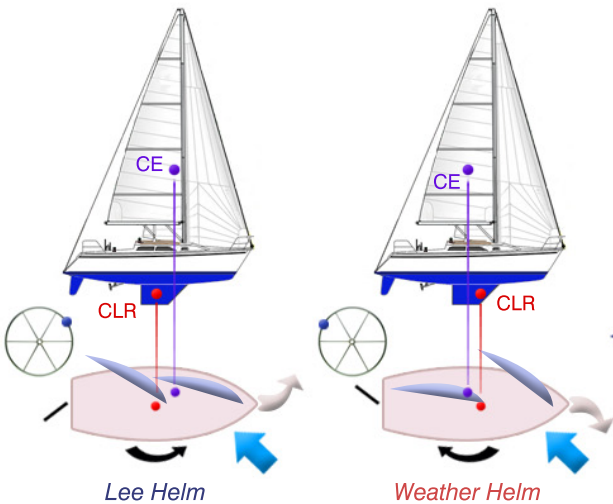
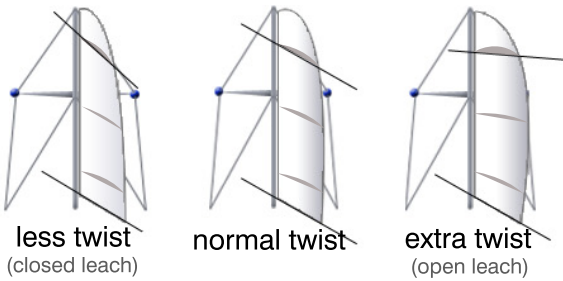


Ease Main Sheet to **Increase** Twist

**Closed Leech (Less Twist) - Increases Weather Helm**  
**Open Leech (More Twist) - Decreases Weather Helm**



(CE) Center of Effort  
 (CLR) Center of Lateral Resistance

*reduce Weather Helm*

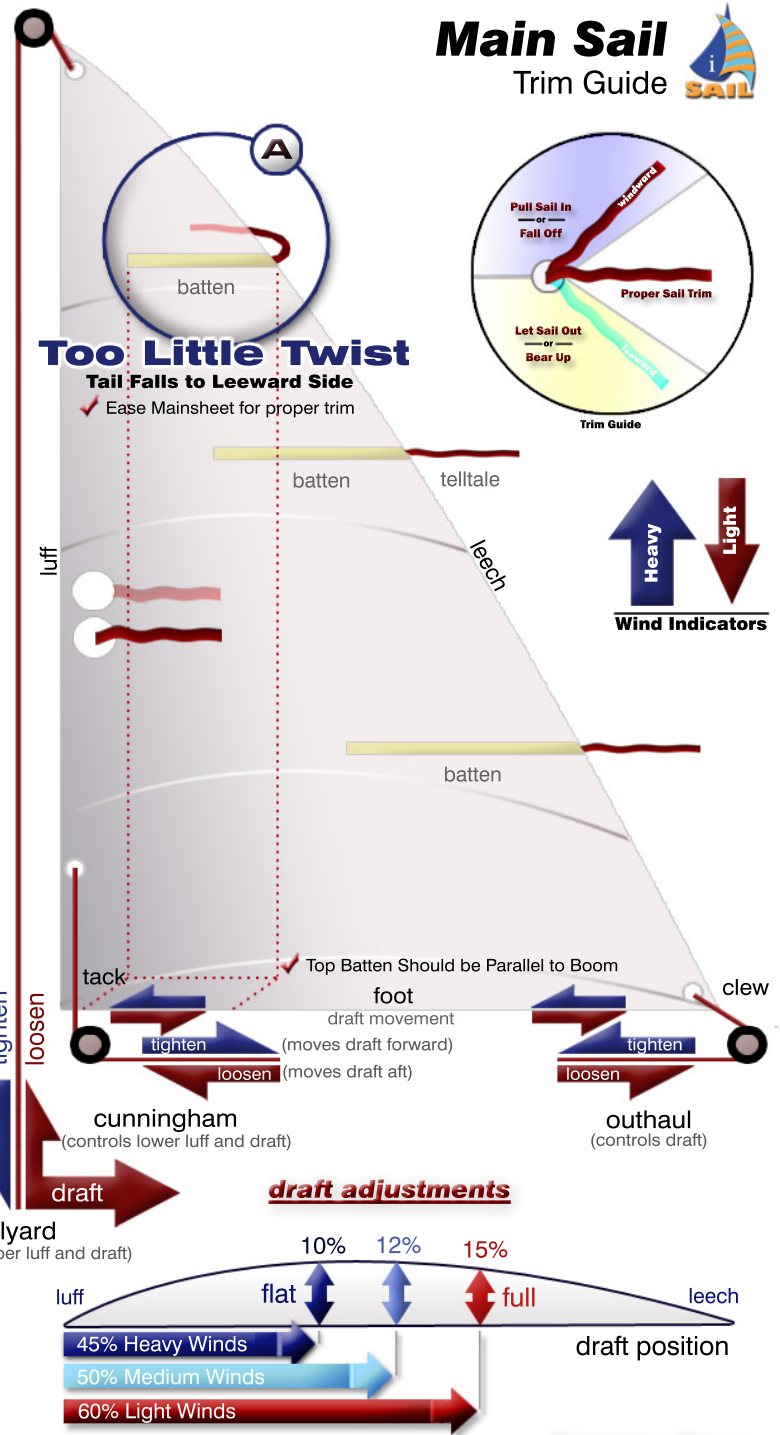
**Move CLR Aft** | Move Crew to Windward and Aft  
 | Raise Centerboard

**Move CE Forward** | Ease Mainsheet or Boomvang (open leech)  
 Reduce pressure on Mainsail or Increase pressure on Headsail | Ease Traveller to Leeward  
 | Tighten Outhaul and Cunningham (flatten main)  
 | Trim Headsail Sheet  
 | Move Jib Car Up (close leech)  
 | Reef Main  
 | Rake Mast Forward

*reduce Lee Helm*

**Move CLR Forward** | Move Crew to Leeward and Forward  
 | Lower Centerboard

**Move CE Aft** | Trim Mainsheet or Boomvang (close leech)  
 Increase pressure on Mainsail or Reduce pressure on Headsail | Ease Outhaul and Cunningham (draft aft)  
 | Ease Headsail Sheet  
 | Move Jib Car Back (open leech)  
 | Rake Mast Aft



## Too Little Twist

Tail Falls to Leeward Side

✓ Ease Mainsheet for proper trim

batten telltale

luff

leech

batten

tack

Top Batten Should be Parallel to Boom

foot

draft movement

tighten (moves draft forward)

loosen (moves draft aft)

tighten

loosen

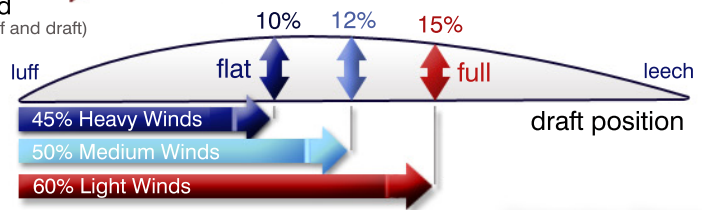
cunningham

(controls lower luff and draft)

outhaul

(controls draft)

### draft adjustments



luff

flat

10%

12%

15%

full

leech

45% Heavy Winds

50% Medium Winds

60% Light Winds

draft position

### Trimming Steps

- Main Sheet** | Set Sail Angle
- Traveller / Sheet Tension** | Set Sail Twist
- Outhaul / Mast Bend** | Set Draft (depth)
- Halyard** | Set Upper Draft (fore and aft)
- Cunningham** | Set Lower Draft (fore and aft)
- Boomvang** | Set Twist (reaching and running)

### Trimming Tips

- 🌀 Tighten Boomvang on Reaches and Runs. Minimize Twist.
- 🌀 Loosen Boomvang when Beating
- 🌀 Tightening Cunningham controls draft more than tightening Halyard
- 🌀 Ease Traveller to depower Main and maintain sail shape
- 🌀 If the wind drops, loosen the Halyard to move the draft aft
- 🌀 Mast Bend decreases/flattens the sail and moves the draft aft however too much bend will cause luff wrinkles.