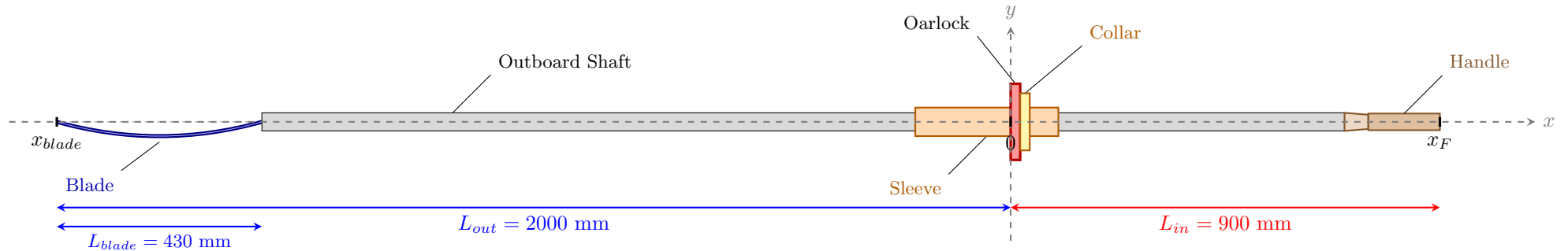


## Sculling Oar Geometry - Top View



## Nomenclature

Symbol	Description	Typical Values of Concept2 sculling blade (skinny shaft)
$L_{out}$	Total outboard length (blade tip to oarlock)	2000 mm
$L_{blade}$	Blade length	430 mm
$L_{shaft,out}$	Outboard shaft length	1570 mm
$L_{in}$	Inboard length (oarlock to handle end)	900 mm
$L_{shaft,in}$	Inboard shaft length	700 mm
$L_{handle}$	Handle total length	200 mm
$x_F$	Handle end position from oarlock	900 mm
$D_o$	Shaft outer diameter	38 mm
$D_i$	Shaft inner diameter	32 mm
$t_s$	Shaft wall thickness	3 mm

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