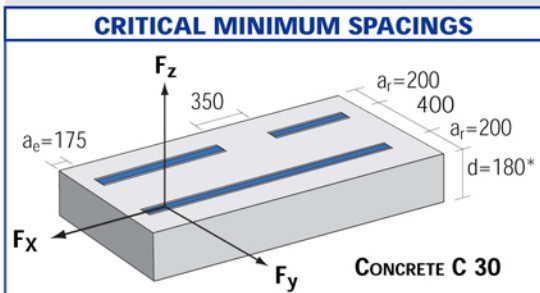
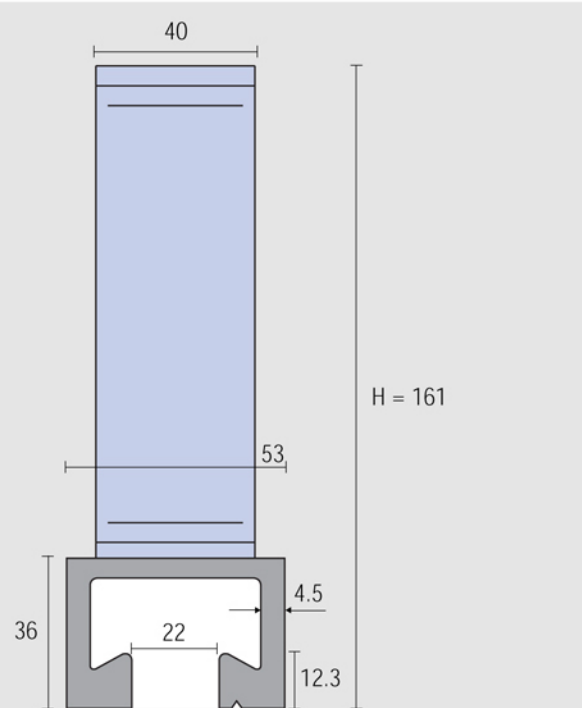


SECTION PROPERTIES		
Weight (incl. anchors)	7.48 kg/m	
Section Area	7.24 cm <sup>2</sup>	
Moment of Inertia	Y-Y	11.48 cm <sup>4</sup>
	Z-Z	27.87 cm <sup>4</sup>
Section Modulus	Y-Y	6.44 cm <sup>3</sup>
	Z-Z	10.52 cm <sup>3</sup>



\* Excluding fire and corrosion protection.



LOAD TABLE TSA 53/36			ALLOWABLE LOAD [kN]			
Distribution	Channel Length L [mm]	Load Distance [mm]	Pull-Out Area ( $\alpha \leq 150^\circ$ )		Shear Area ( $\beta \leq 15^\circ$ )	
			Point Load $F_z$	Load Pair $F'_z$	Point Load $F_y$	Load Pair $F'_y$
	Up to 6050	$b \geq 250$ $c \geq 100$	<b>26.0</b>	<b>45.0</b>	<b>26.0</b>	<b>46.0</b>
Short Lengths	150	-	26.0	-	26.0	-
	200	$c \geq 80$	26.0	36.0	26.0	34.0
	250	$c \geq 100$	26.0	40.0	26.0	38.0
	300	$c \geq 100$	26.0	45.0	26.0	46.0
Short Lengths	300	$c \geq 125$	-	46.0	-	52.0
	350	$c \geq 150$	-	52.0	-	52.0
	400	$c \geq 175$	-	54.0	-	54.0
	450	$c \geq 200$	-	56.0	-	56.0

TEE-BOLT TYPE 50			
	Thread	4.6   A4-50	Tightening Torque
	Ø	[kN]	[Nm]
	<b>M12</b>	9.3	25
	<b>M16*</b>	17.3	60
	<b>M20</b>	27.0	120
Stock length L=30, 65, 80mm			

\*Optional, grade 8.8. F=36.1 kN, Torque = 150 Nm

CHANNEL NUT 50		
	Thread	Allowable Load F*
	Ø	[kN]
	<b>M10</b>	7.0
	<b>M12</b>	10.0
	<b>M16</b>	12.0

\*For both carbon steel and A4.

- Dimensions in millimetres.
- Standard finish : Hot dipped galvanizing or A4.
- Anchor variations on request.