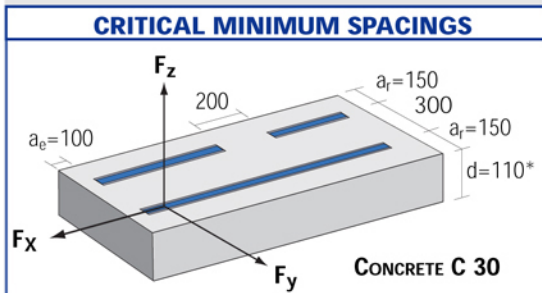
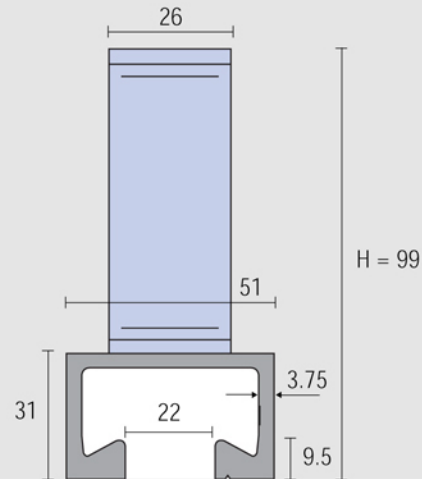


SECTION PROPERTIES		
Weight (incl. anchors)	4.76 kg/m	
Section Area	5.53 cm ²	
Moment of Inertia	Y-Y	7.04 cm ⁴
	Z-Z	19.87 cm ⁴
Section Modulus	Y-Y	4.43 cm ³
	Z-Z	7.78 cm ³



* Excluding fire and corrosion protection.



LOAD TABLE TSA 51/31			ALLOWABLE LOAD [kN]			
Distribution	Channel Length L [mm]	Load Distance [mm]	Pull-Out Area ($\alpha \leq 150^\circ$)		Shear Area ($B \leq 15^\circ$)	
			Point Load F_z	Load Pair F'_z	Point Load F_y	Load Pair F'_y
	Up to 6050	$b \geq 250$ $c \geq 100$	18.0	24.0	19.0	32.0
Short Lengths	150	-	20.0	-	19.0	-
	200	$c \geq 80$	20.0	23.0	19.0	25.0
	250	$c \geq 100$	19.0	24.0	19.0	29.0
	300	$c \geq 100$	18.0	24.0	19.0	32.0
Short Lengths	250	$c \geq 100$	-	28.0	-	31.0
	300	$c \geq 125$	-	28.0	-	31.0
	350	$c \geq 150$	-	30.0	-	33.0
	450	$c \geq 200$	-	30.0	-	36.0

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

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

CHANNEL NUT TYPE 50		
	Thread	Allowable Load F^*
	Ø	[kN]
	M10	7.0
	M12	10.0
	M16	12.0

*For both carbon steel and A4.

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