

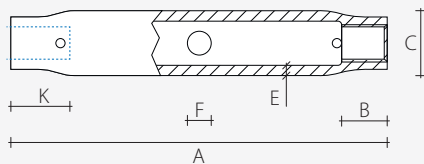
TENSIONER WITH INSPECTION HOLE

S355 galvanized carbon steel
DIN 1478



code	bar	length	pcs/box
SSS12125	M12	125	1
SSS16170	M16	170	1
SSS20200	M20	200	1
SSS24255	M24	255	1
SSS27255	M27	255	1
SSS30255	M30	255	1

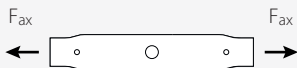
GEOMETRY OF THE TENSIONER ACCORDING TO DIN 1478



	M12	M16	M20	M24	M27*	M30
C [mm]	25,0	30,0	33,7	42,4	42,4	51,0
F [mm]	10	10	12	12	12	16
E [mm]	4,0	4,5	5,0	5,6	5,6	6,3
A [mm]	125	170	200	255	255	255
B [mm]	15	20	24	29	40	36
K [mm]	35	45	55	70	85	85

* size not included in DIN 1478
K = penetration depth of the threaded bar

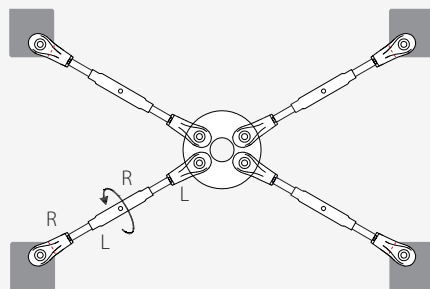
STATIC VALUES - TENSILE STRENGTH



	M12	M16	M20	M24	M27	M30
$N_{ax,k}$ [kN]	66,20	97,38	119,09	184,69	184,69	245,92
N_{amm} [kg]	44,13	64,92	79,40	123,12	123,12	163,94

$N_{ax,k}$ are characteristic values according to EN 1993, N_{amm} are admissible values
Design values can be obtained from characteristic values as follows: $N_{ax,d} = N_{ax,k} / \gamma_{m0}$

APPLICATION EXAMPLE



R = right-hand thread
L = left-hand thread

ITEMIZED LIST

- 1 disk for bracing
- 4 tensioners
- 4 hooks for bracing R
- 4 hooks for bracing L
- 8 threaded bars R - L *

NOTES

* Products not provided by rothoblaas as they shall be dimensioned case by case