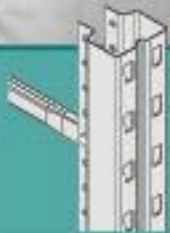


# BITO

Innovative Lagerlösungen  
Innovative Storage Solutions

## Weitspannregal Wide span shelving

01-2008

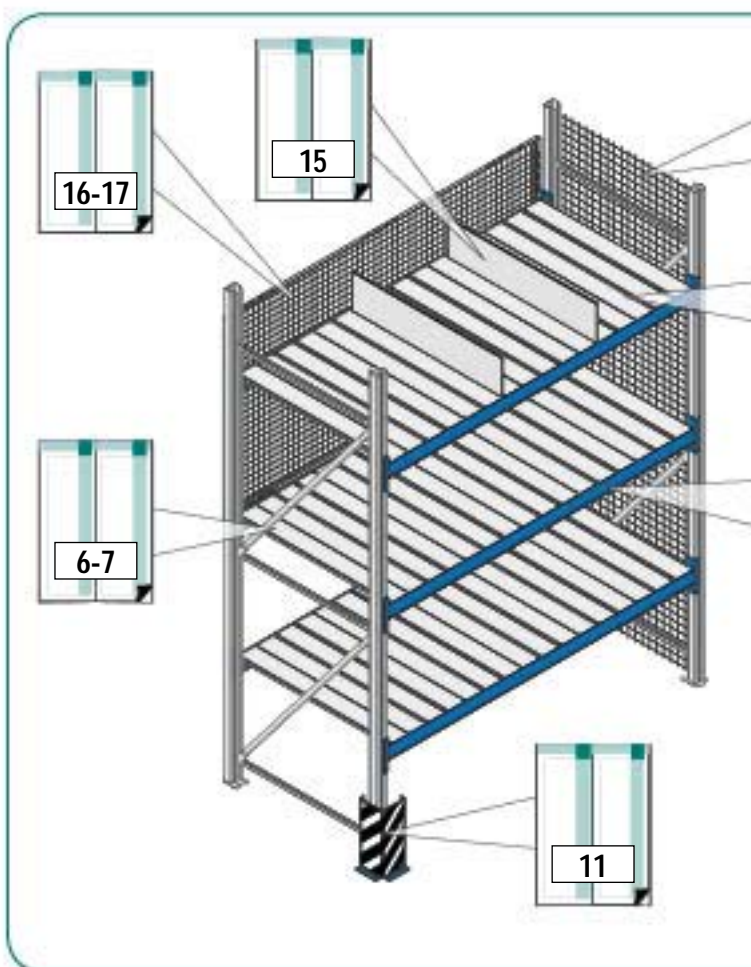
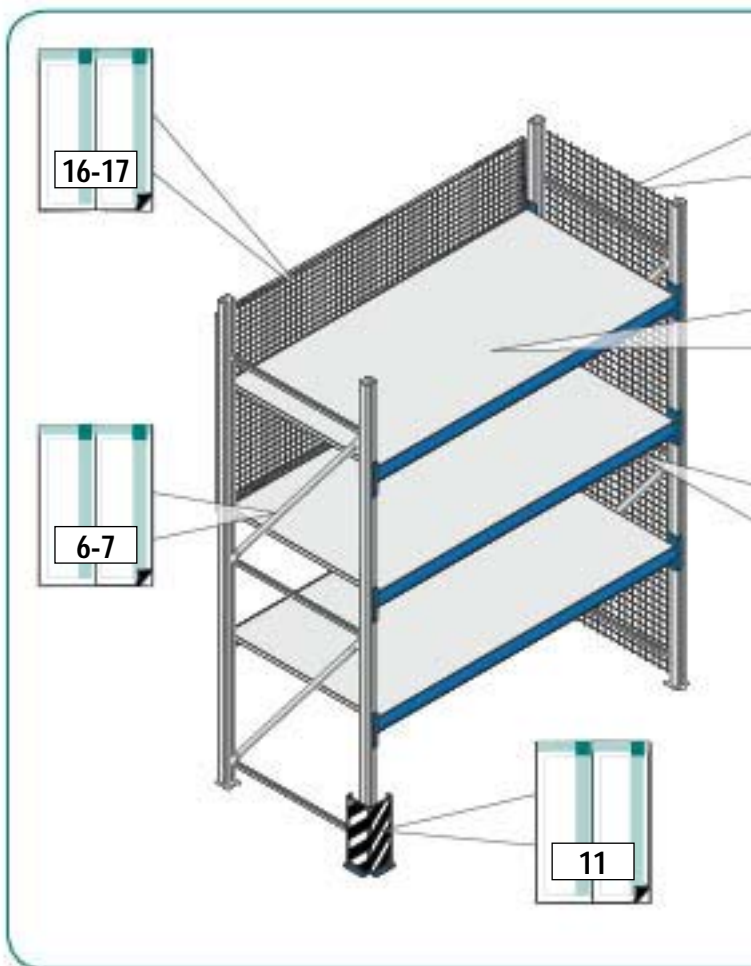


### WS-L / WS



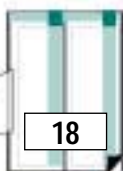
DIN EN ISO 9001

- DE Aufbau- und Bedienanleitung
- GB Instructions for assembly and use
- FR Instructions de montage et d'utilisation
- BE Richtlijnen en montagehandleiding
- ES Instrucciones de montaje y manejo
- PT Instruções de montagem e de serviço
- IT Istruzioni per il montaggio e l'impiego
- DK Montage- op betjeningsvejledning
- HU összeállítási és kezelési útmutató
- PL Instrukcja montażu i użytkowania
- CZ Návod k montáži a obsluze
- SK Návod na montáž a použitie
- RO Instructiuni de asamblare si utilizare

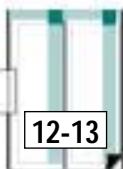




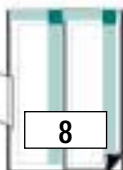
WS-L



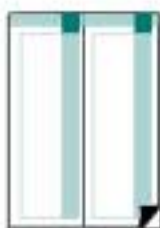
18



12-13



8



4-5



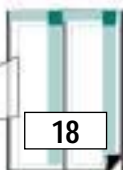
6-8, 10,  
12-13,



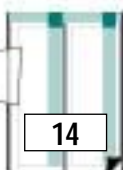
9, 11, 16-18



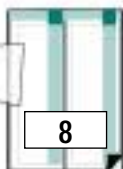
19-21



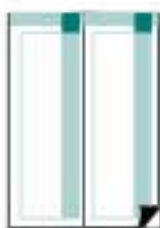
18



14



8



4-5



6-8, 10,  
14-15



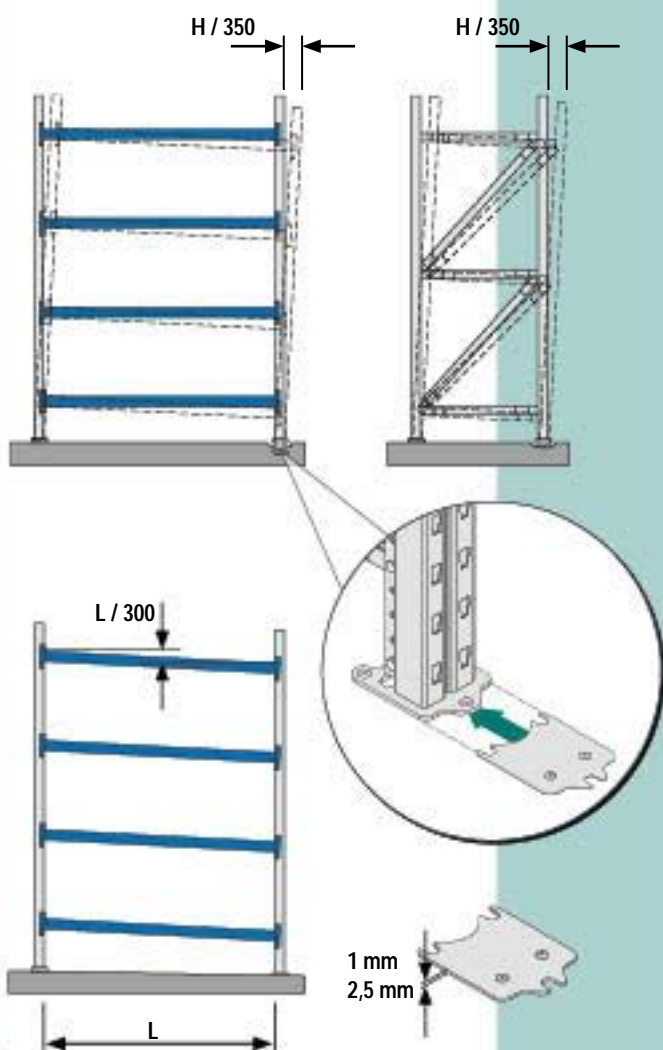
9, 11, 15-18

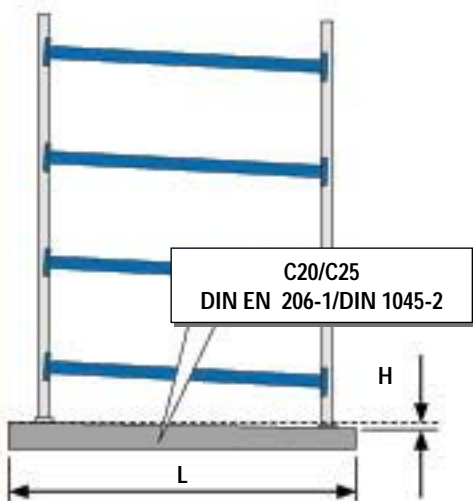


19, 22-23

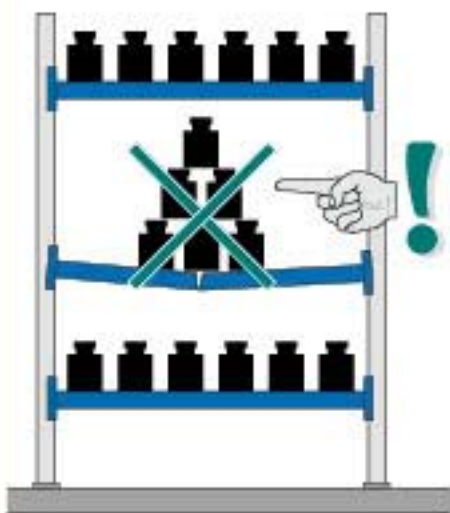


**BGR 234**  
(ZH 1/428)

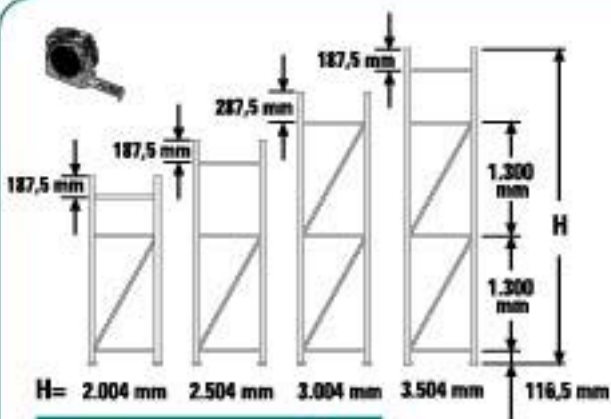




L	H
< 1m	max. 4 mm
> 1m - < 4 m	max. 10 mm
> 4 m - < 15 m	max. 12 mm
> 15 m	max. 15 mm

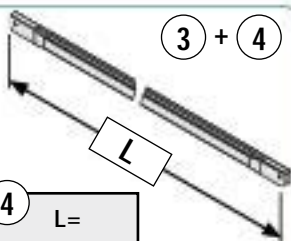
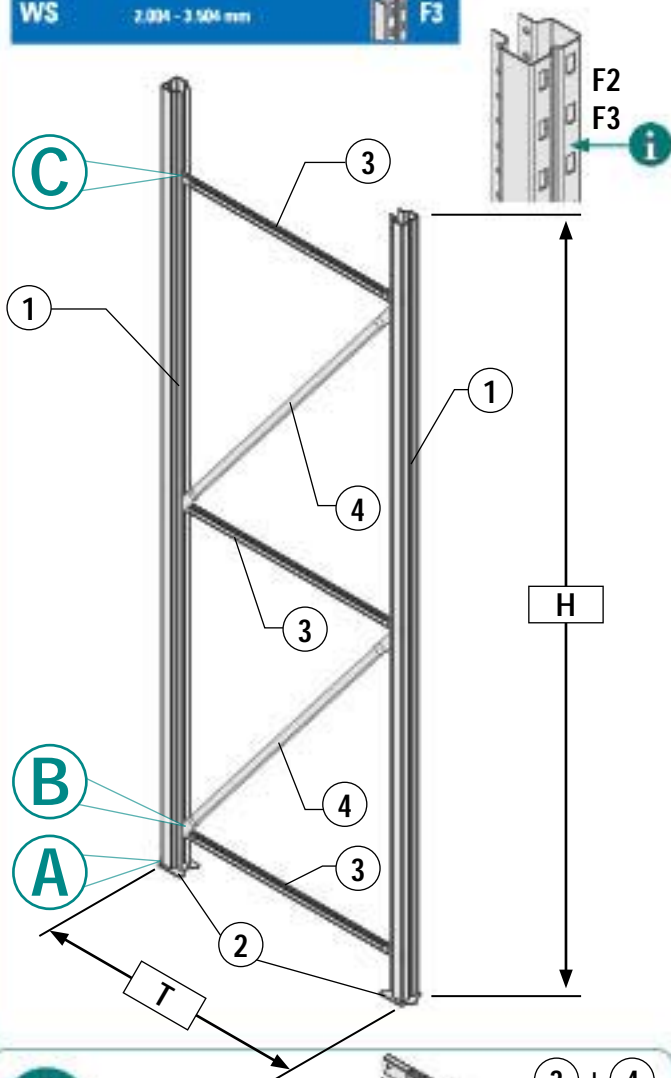


20-23



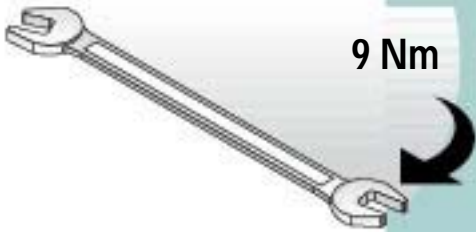
WS-L 2.004 - 3.004 mm  F2

WS 2.004 - 3.504 mm  F3

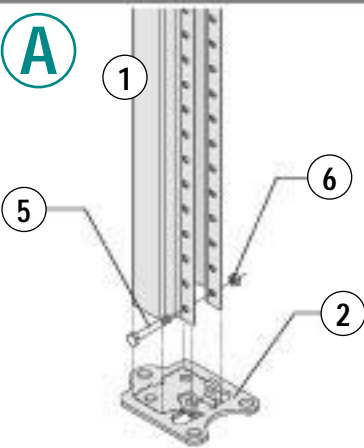


T	(3) L=	(4) L=
600 mm	527 mm	1.420 mm
800 mm	727 mm	1.503 mm
1.100 mm	1.027 mm	1.667 mm

**i**



**A**



5



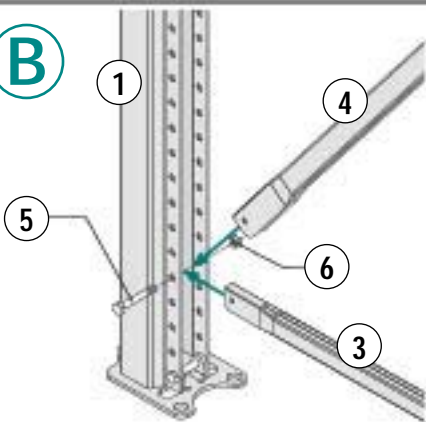
M6 x 40

6



M6

**B**



5



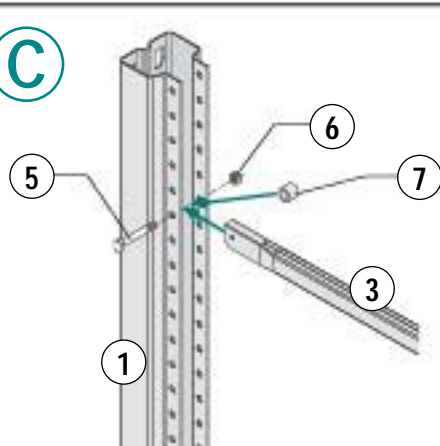
M6 x 40

6



M6

**C**



5



M6 x 40

6

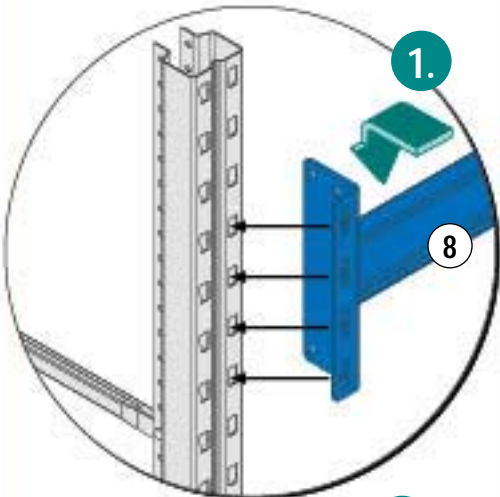


M6

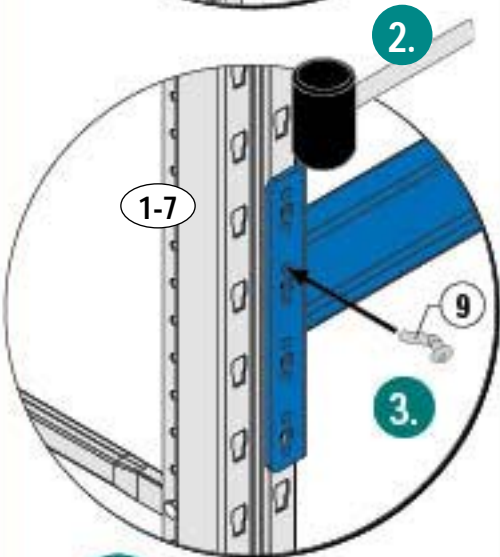
7



ø14 x 1,5  
L = 14,5 mm



8 1x  
WT 67L  
WT 69L

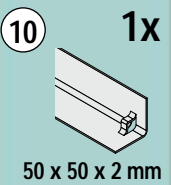
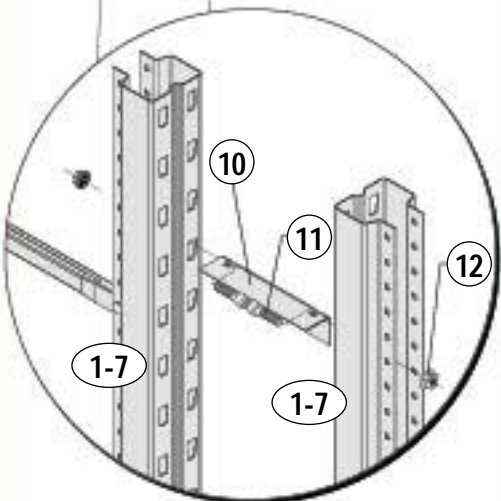
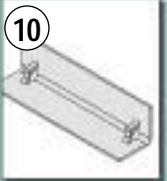


9 2x  
ø6,0 x 30

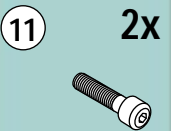


8 = 2x 9

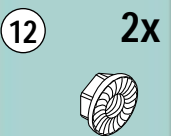




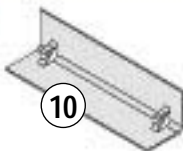
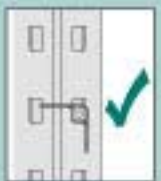
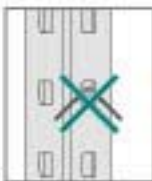
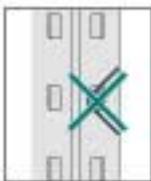
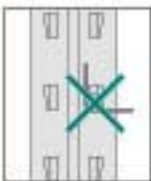
50 x 50 x 2 mm

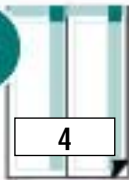


M10 x 40



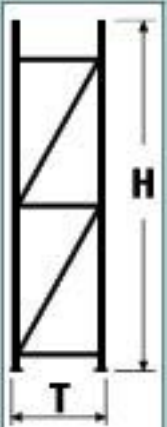
M10



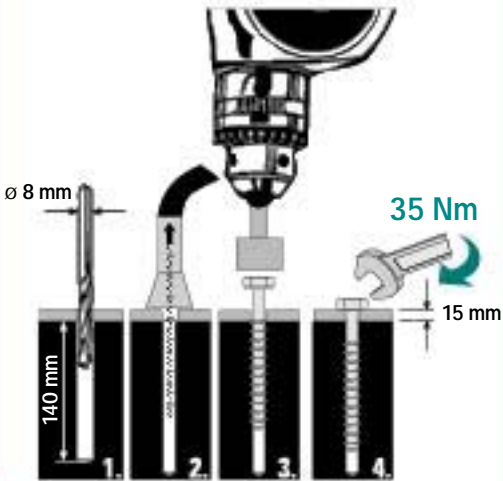
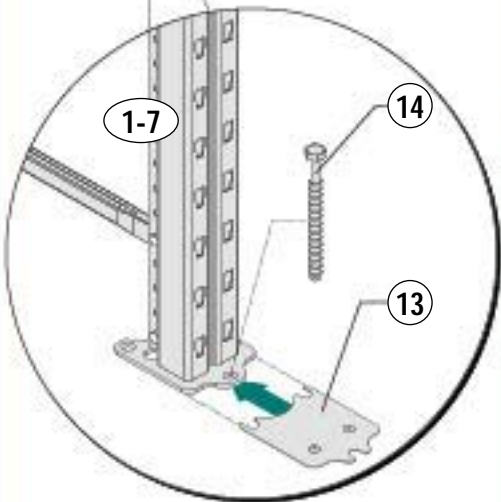


14

M10/15



H:T ≥ 5:1





15

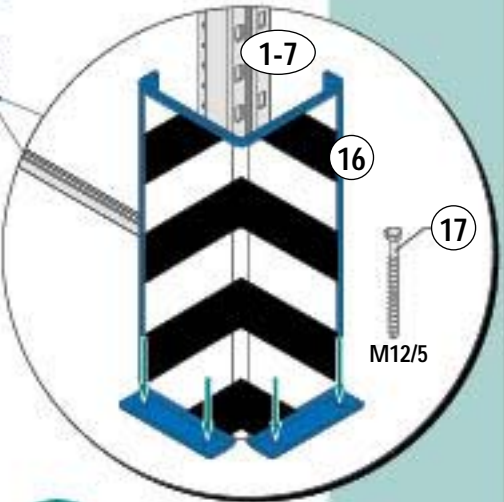


AS 40.1

16



AS 40.2

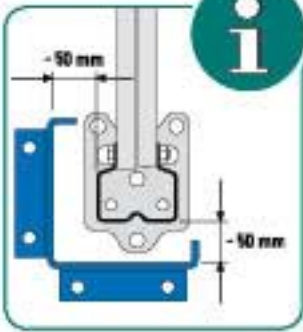


1-7

16

17

M12/5



- 50 mm

- 50 mm

15



M12/5

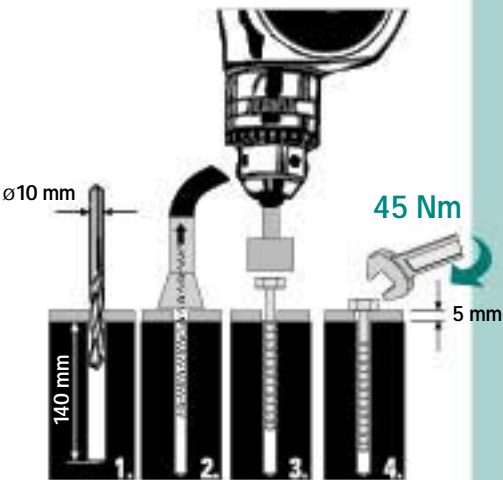
6x

16



M12/5

4x



ø10 mm

140 mm

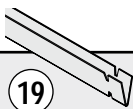
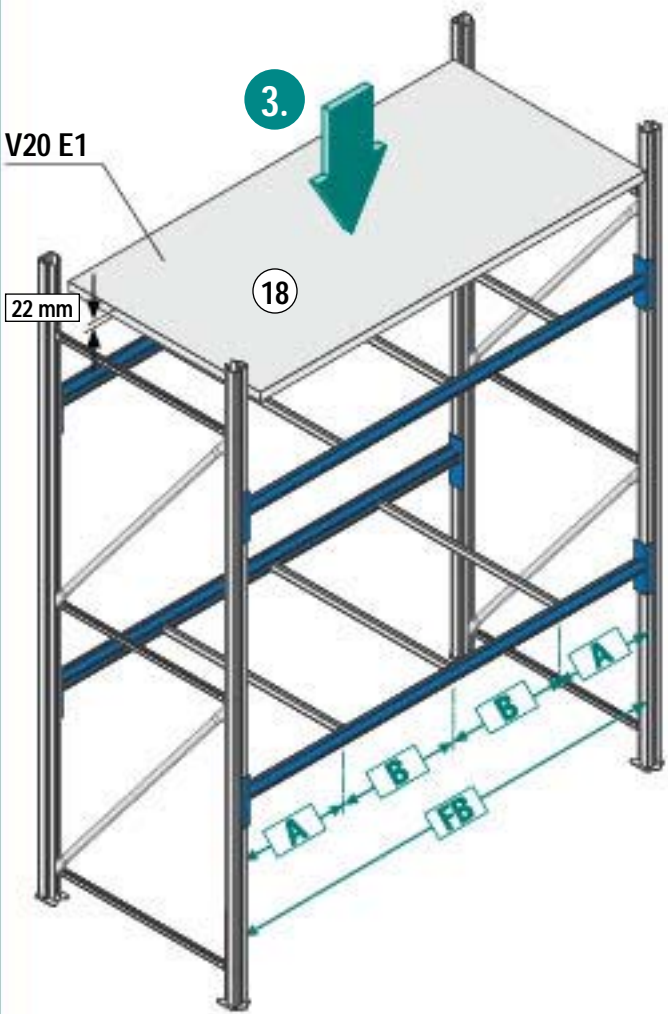
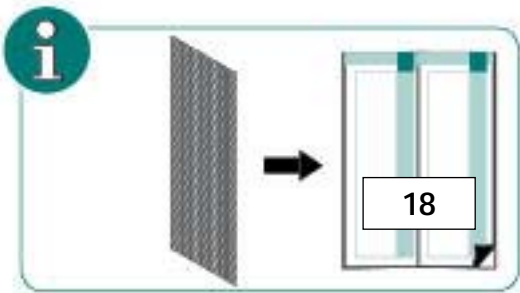
1.

2.

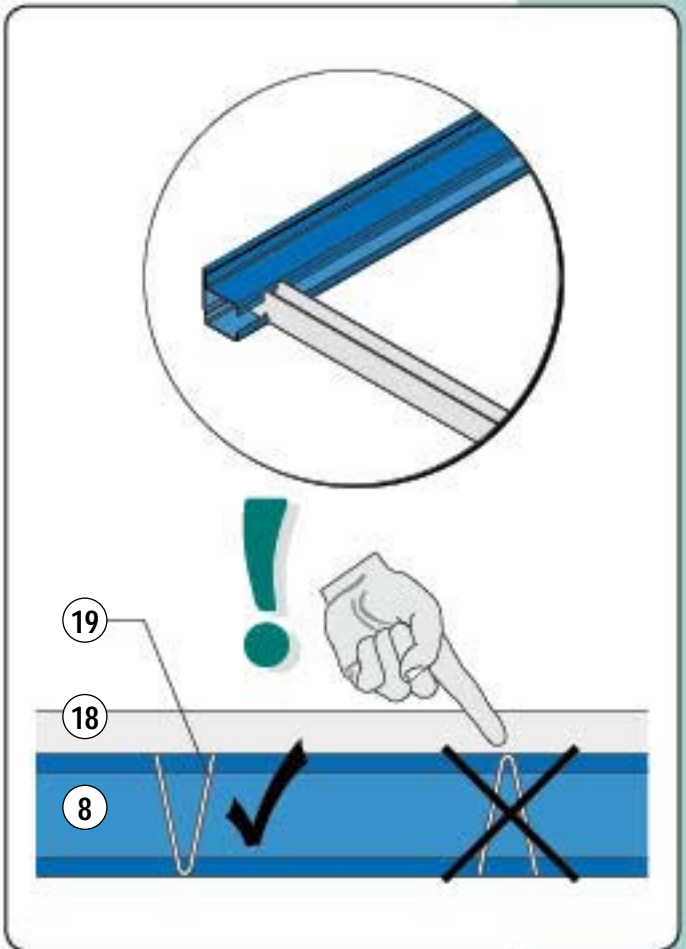
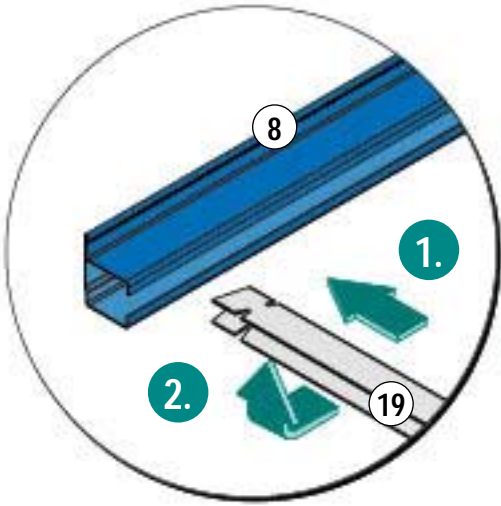
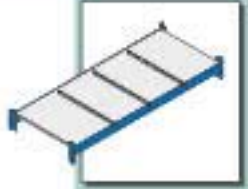
3.

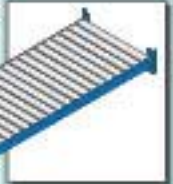
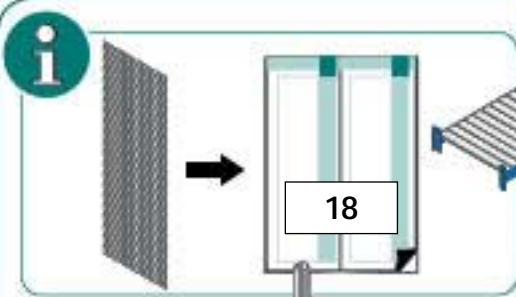
45 Nm

5 mm

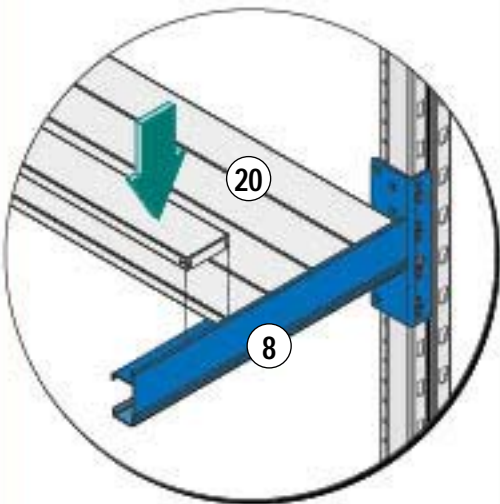
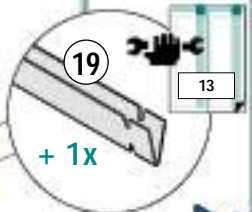
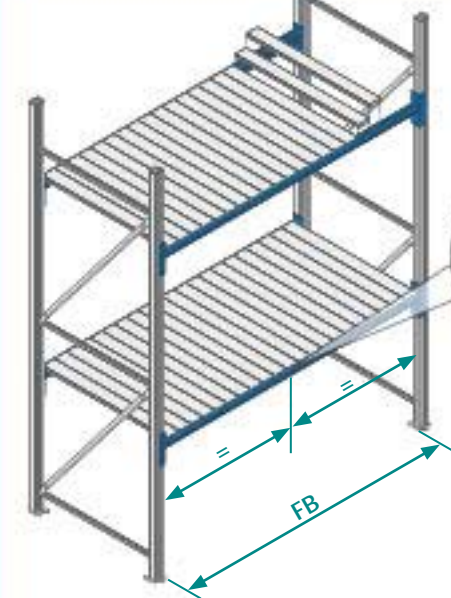


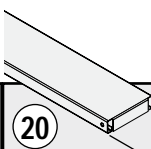
FB (mm)	19	A (mm)	B (mm)
1.350	2x	200	952 (1x)
1.800	3x	425	475 (2x)
2.200	3x	425	675 (2x)
2.700	3x	425	925 (2x)

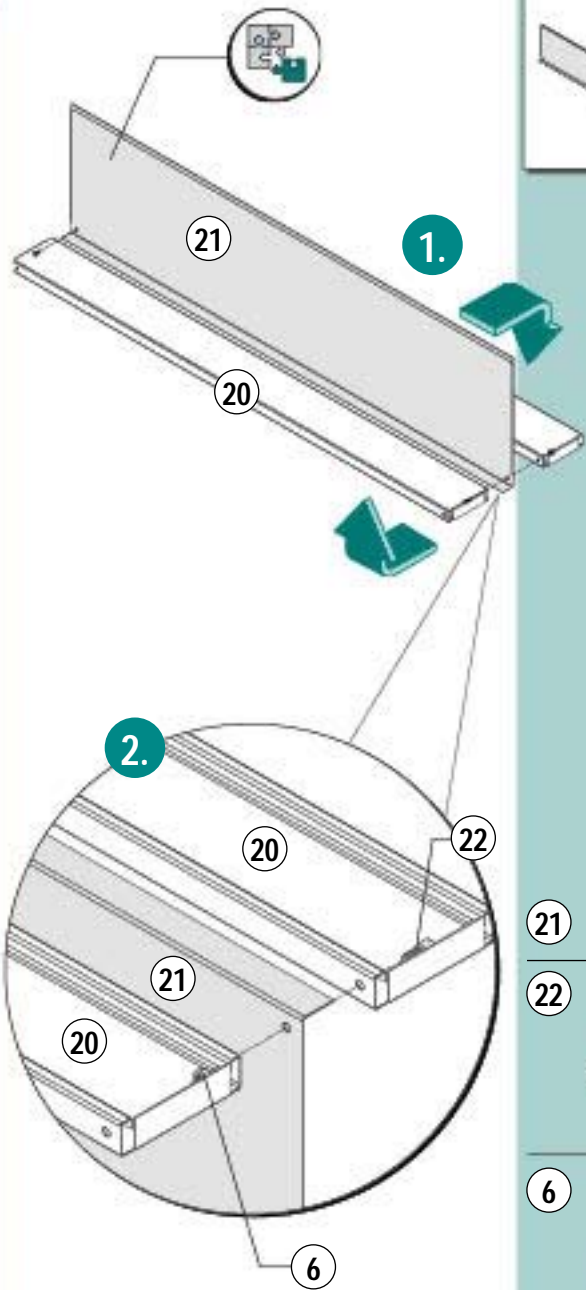
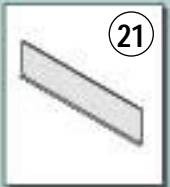




**!** FB= 2.200 mm



FB (mm)	 20 99 mm	 20 73 mm
1.350	12	2
1.800	18	-
2.200	22	-
2.700	27	-



21 1x

22 2x

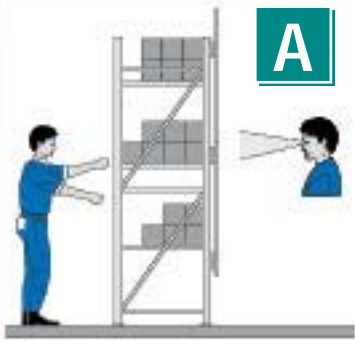


M6 x 12

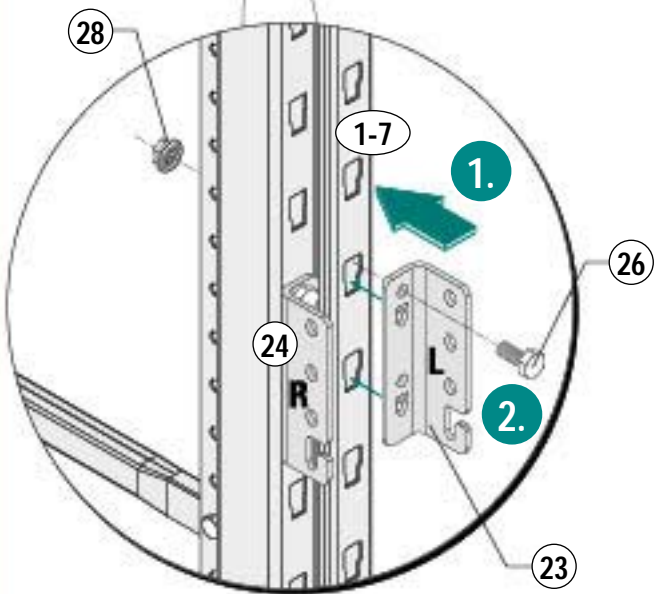
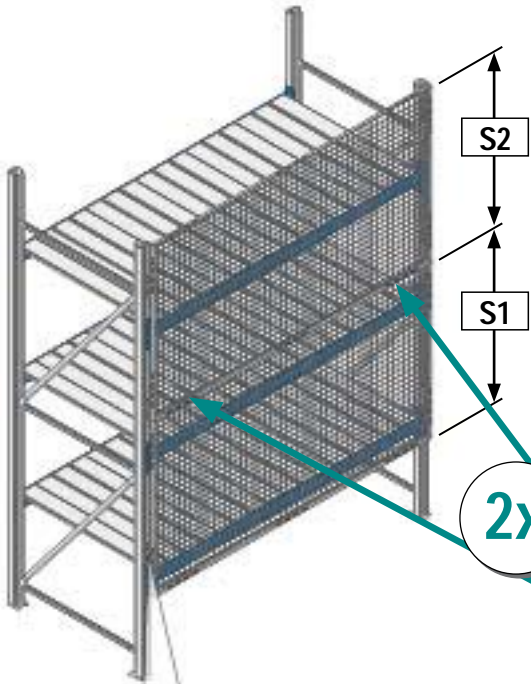
6 2x

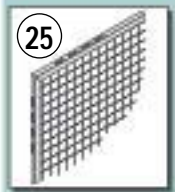
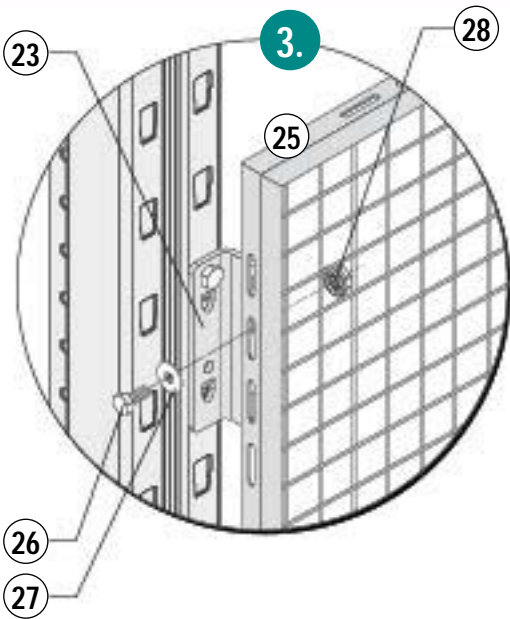


M6



**A**

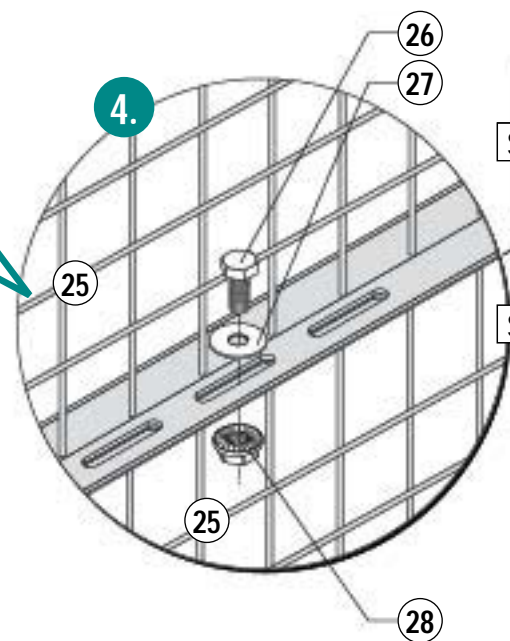




25 1x

23 2x  
L

24 2x  
R



26 10x



M6 x 20

28 10x



M6

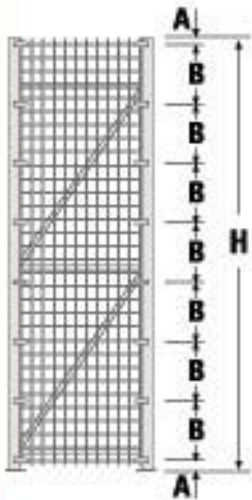
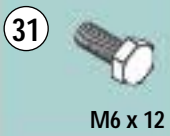
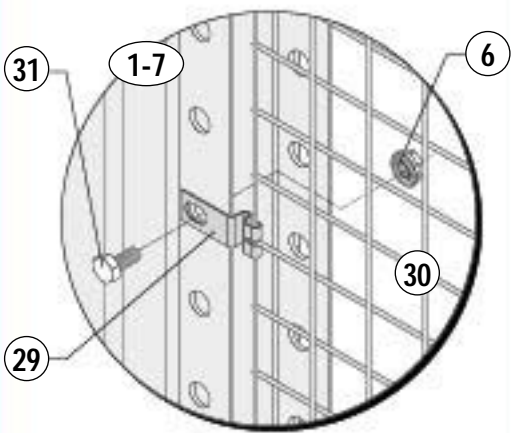
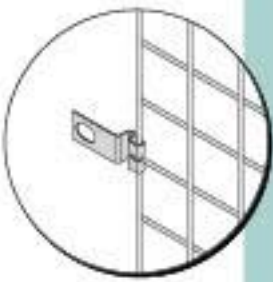
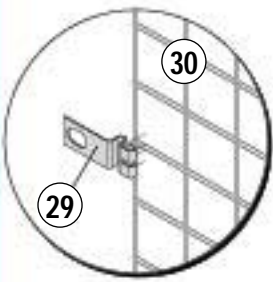
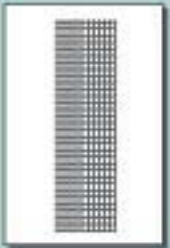
27 6x



ø6,4

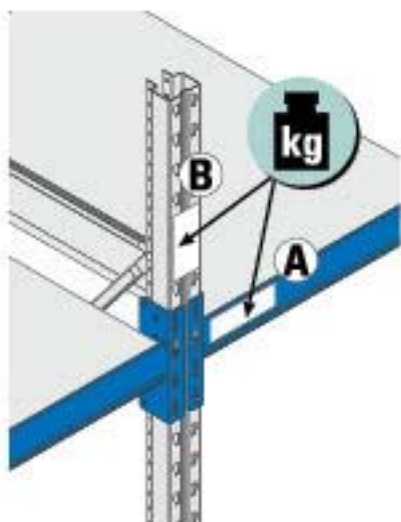


		3x 25
	1x 25	2x 25
	= 2x 23 L 2x 24 R	= 3x 23 L 3x 24 R
		= 4x 23 L 4x 24 R



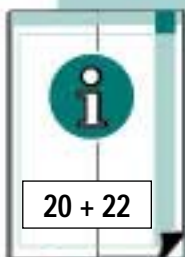
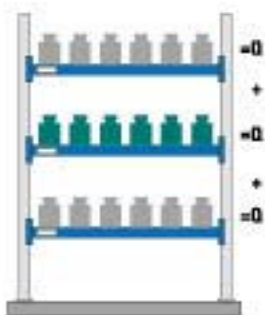
H (mm)	29	A (mm)	B (mm)
2.000	10	~175	400
2.500	12	~225	400
3.000	12	~225	500
3.500	14	~225	500





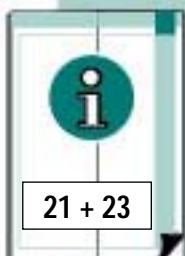
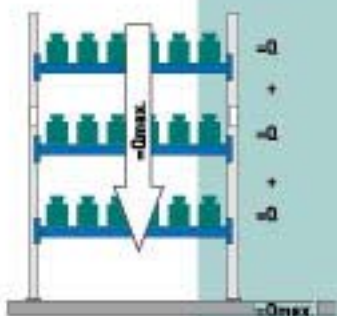
**A**

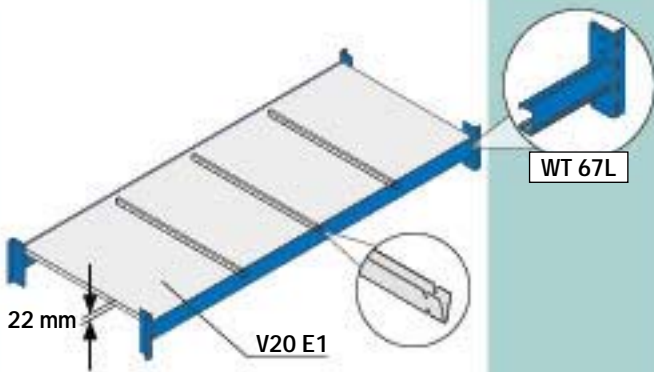
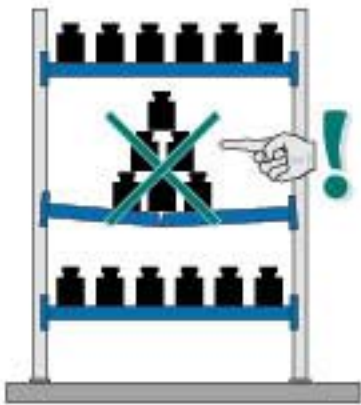
		3x ✓		0x ✓
Installation		<b>500 kg</b>		
WT 18.67L				
DIN EN ISO 9001				

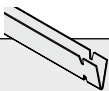



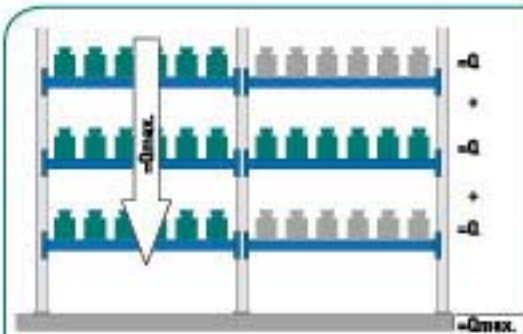
**B**

	<b>Fx</b>
DIN EN ISO 9001	Art.-Nr. 2000000
<b>FA</b>	<b>Qmax.</b>

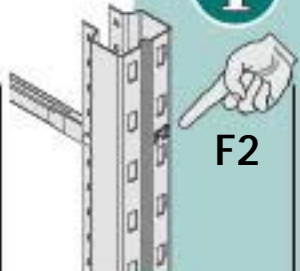
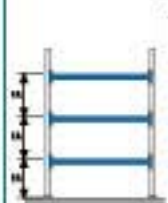




FB (mm)		max. 
1.350	2x	400
1.800	3x	500
2.200	3x	550
2.700	3x	500



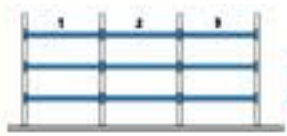
**!  $\Sigma Q \leq Q_{max}.$  !**



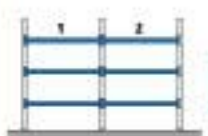
FA (mm)		max. <b>kg</b>
400	WT 67L	3.900
600		2.975
800		2.050
1.000		1.775
1.200		1.500
1.400		1.225
1.600		950



**kg = 100%**



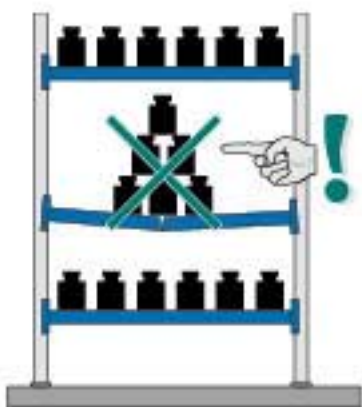
**kg -5%**





**kg -10%**



**kg -15%**



FB (mm)		max. 
1.350	WT 67L	400
1.800	WT 67L	500
* 2.200	WT 67L	550
2.700	WT 69L	700

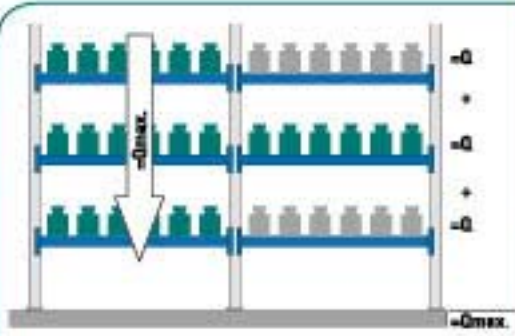
\*



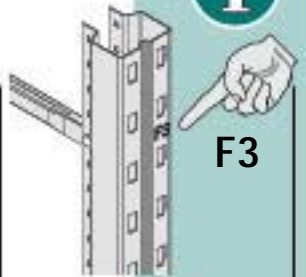
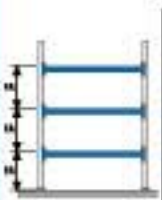
FB 2.200

= + 1X

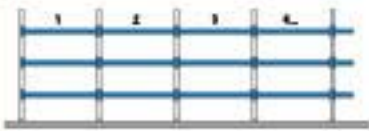




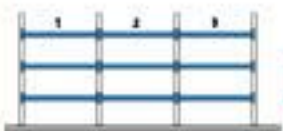
**!  $\Sigma Q \leq Q_{max}.$  !**



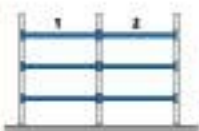
FA (mm)		max. <b>kg</b>
400	WT 67L	6.200
600		5.500
800		4.800
1.000		3.900
1.200		3.000
1.400		2.675
1.600		2.350



**kg = 100%**



**kg -5%**



**kg -10%**



**kg -15%**

# WS-L / WS

