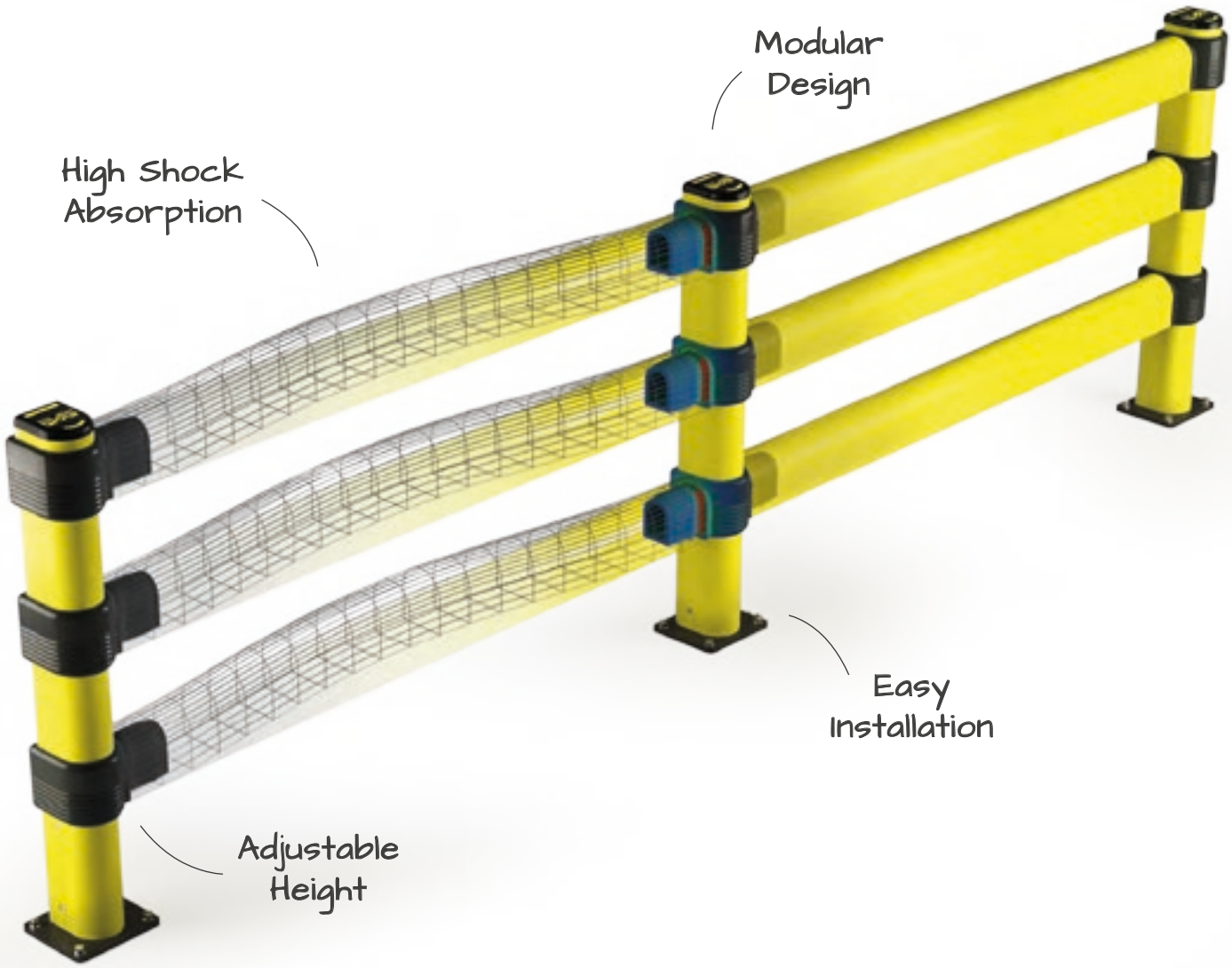


clarity

technical data sheets

CONTENTS

DATA SHEETS / ASSEMBLY INSTRUCTIONS

01 RACK PROTECTIONS & TRAFFIC BARRIERS

RPS/RPM/RPL/RPL XL 600	05
RACK CORNER	08
SM	10
LM	13
LINK SINGLE	16
LM/1 LINK	19
LINK LM	23
FENCE 90	26
FENCE 150	28
FENCE 150 REINFORCED	30
FENCE 150 LINK	32
BFLEX.FRONT/1	34
BFLEX.FRONT/1 MODULAR	36
BFLEX.COM/1	39

02 BOLLARDS

GRD 90	42
GRD 150	43
GRD 200	45

03 COLD LINE

ROD 70	47
ROD 120	50
ROD FLOOR 70	53
ROD FLOOR 100/120	58
ROD FLOOR 120 DOUBLE	61

04 GROUND LEVEL PROTECTIONS

GR 90	64
GR 150	69
TRUCK LINE	72
GRIN 90	74
GRIN 150	75

05 PEDESTRIAN BARRIERS

HR 90	78
PED 90	81
CORNER PED 90	84
PED 90 GL REF	87
PED 90 LINK	91
LINK 120/1	95
LINK 120/2	99
LINK 120/3	103
PED 150	107
CORNER PED 150	110
PED 150 TL	114
PED 150 LINK	117
LINK 150/1	121
LINK 150/2	125
LINK 150/3	129
CORNER LINK 150	132
PED 150 PIN	136
PED 200 PIN	139
BFLEX.FRONT/2	142
BFLEX.FRONT/2 MODULAR	144
BFLEX.COM/2	147

06 GATES

DP 90 ONE WAY	150
DP 90 SWING	154
LIFT GATE 90	158
DP 150 ONE WAY	162
DP 150 SWING	166
LIFT GATE 150	170

07 INDUSTRIAL DOOR PROTECTIONS

WARNING BAR	174
WARNING BAR INFORMATION SIGN	175
WARNING BAR LIGHT & SOUND	176
FULL FRAME SELF STANDING	178
FULL FRAME WALL FIXING	181

08 LOADING BAYS PROTECTIONS

HUG GATE	184
DOCK GATE	186
CAR STOP	190
TRUCK STOP	192
DOCK BUMPER S	194
DOCK BUMPER	196

09 COLUMN PROTECTIONS

MINI HUG TOWER	198
HUG TOWER 3 SIDES	200
HUG TOWER	203
TOWER PROTECTIONS	206
TOWER LINK	210
COPRO 90	213
COPRO 150	216

10 CORNER PROTECTIONS

CP 100/200	219

11 KERB

PLEX 100	221
KERB 200/300	223

12 WALL PROTECTION

WP 100/150	228
ASP 200	231
WALL HUG	233
WALL BFLEX	235
WALL BFLEX MODULAR	237

13 ACCESSORISE

SOFT BOLLARD	241
REMOVABLE SAFETY BARRIERS 90	243
REMOVABLE SAFETY BARRIERS 150	245

14 TECH SOLUTIONS

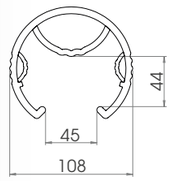
SHUTTLE	247
DP 150 SAFE WAY	249



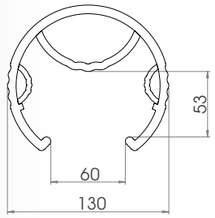
RPS/RPM/RPL/RPL XL 600

PROTEZIONE MONTANTE MEDIO
MEDIUM RACK PROTECTOR

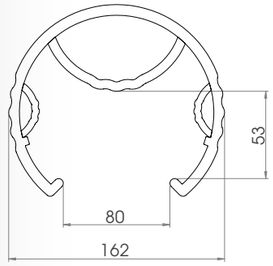
RPS



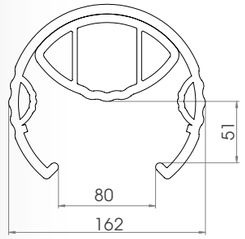
RPM

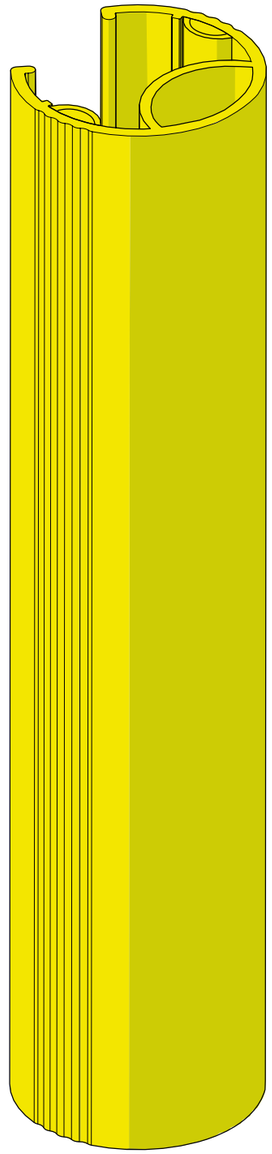


RPL



RPL XL

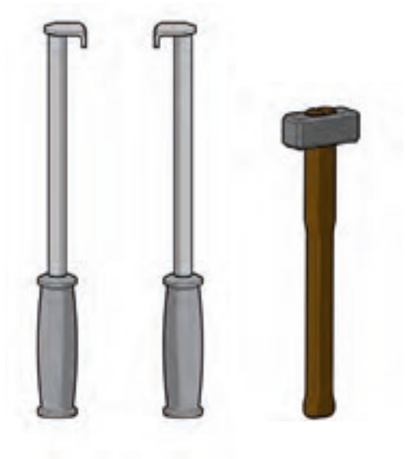


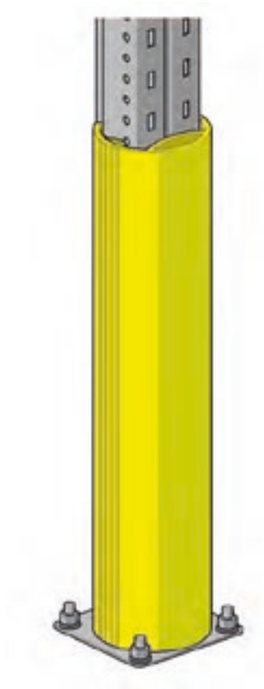


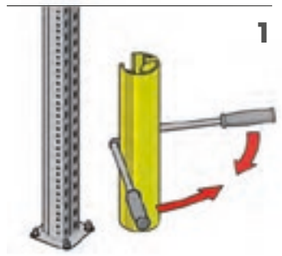
IMPACT TEST PASSED
according to
EN 15512:2009

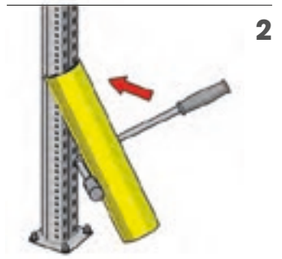
RPS/RPM/RPL/RPL XL

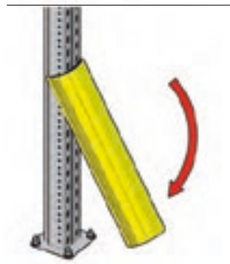
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

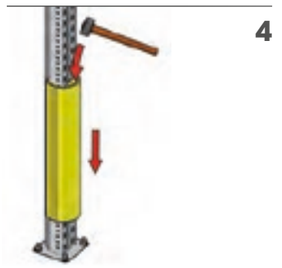








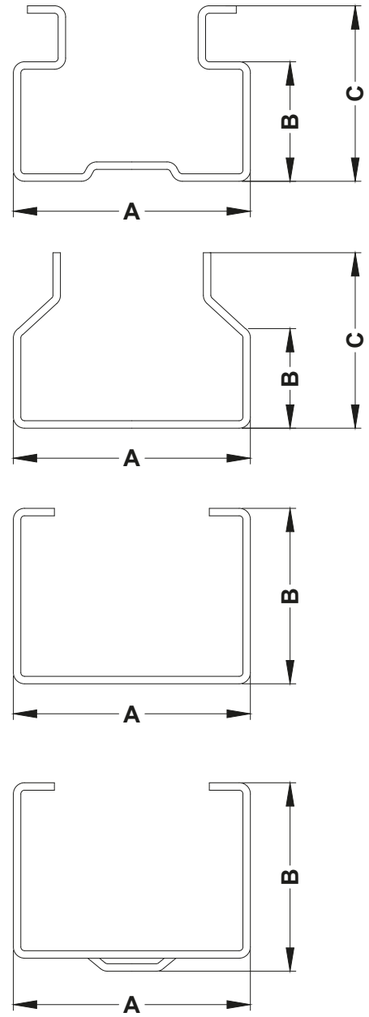




UPRIGHT SIZE LAYOUT

PLEASE **CHECK SIZE** MENTIONED AS "A" AND "B" AND EVENTUALLY "C"
ON YOUR UPRIGHT IN ORDER TO CHOOSE THE RIGHT MODEL OF RACK PROTECTOR.

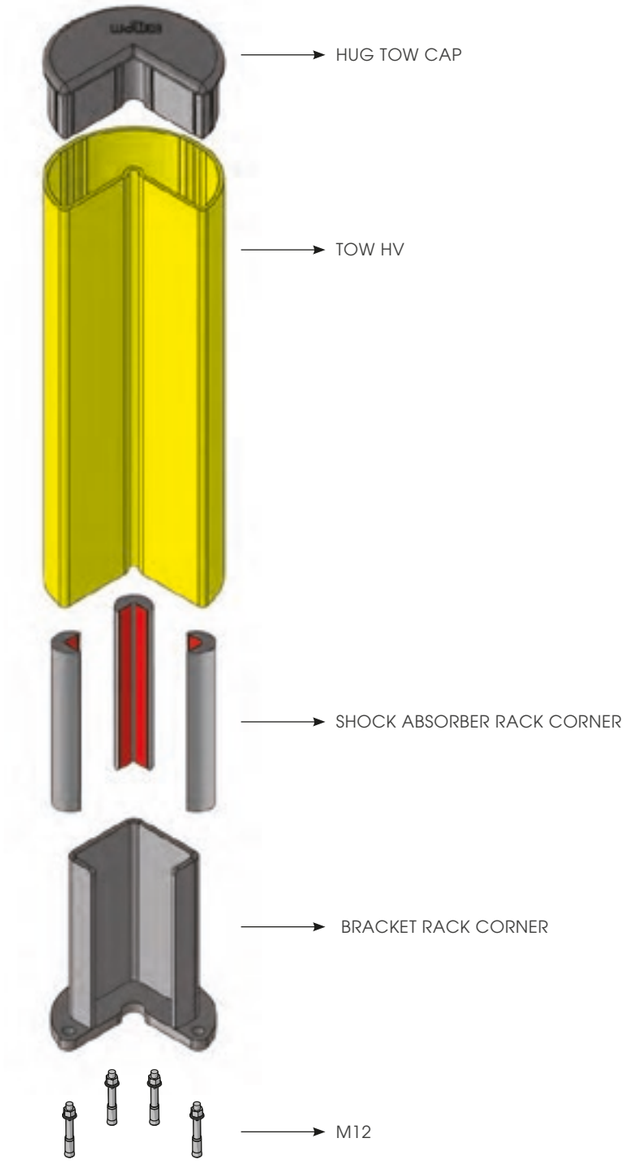
CUSTOMIZED PROTECTORS AVAILABLE ON REQUEST. SEND DIMENSIONS TO CLARITY TO GET THE CORRECT RP QUOTATION.

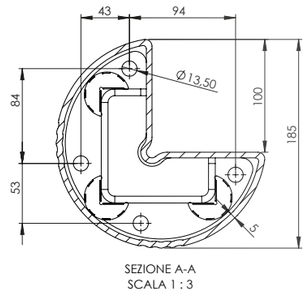


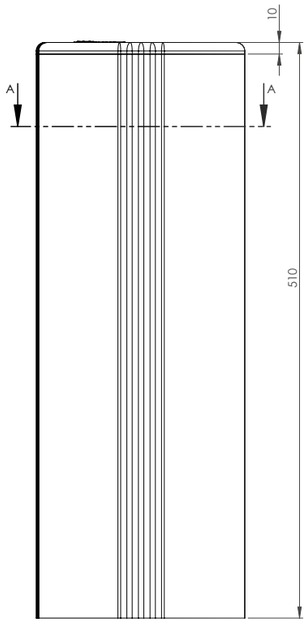
RACK CORNER

PROTEZIONE ANGOLO SCAFFALE
RACK CORNER

IMPACT TEST PASSED
according to
EN 15512:2009



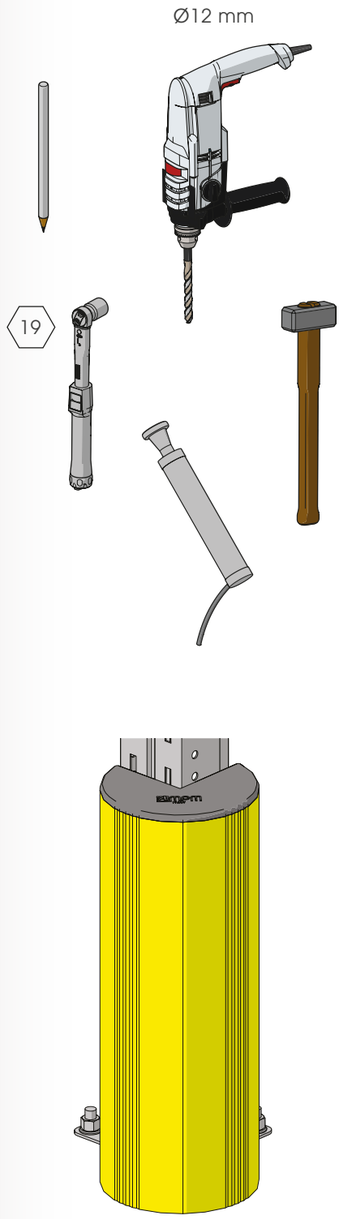


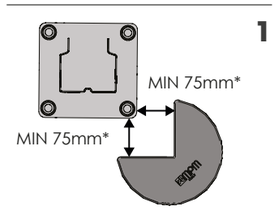


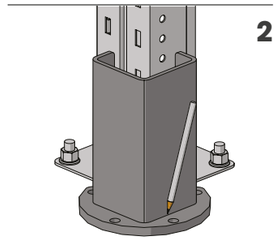
RACK CORNER

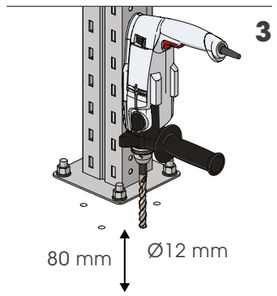
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

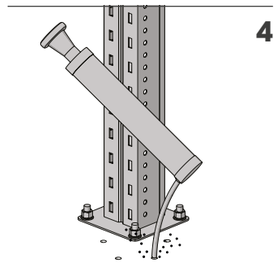
ONLY WITH MECHANICAL ANCHOR M12

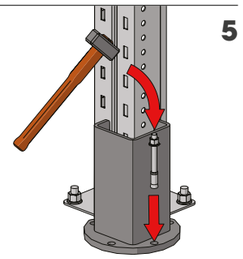


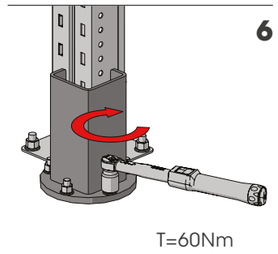


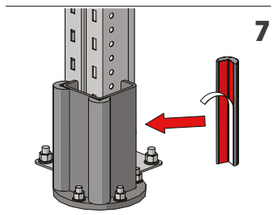


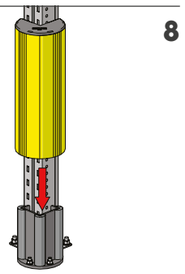








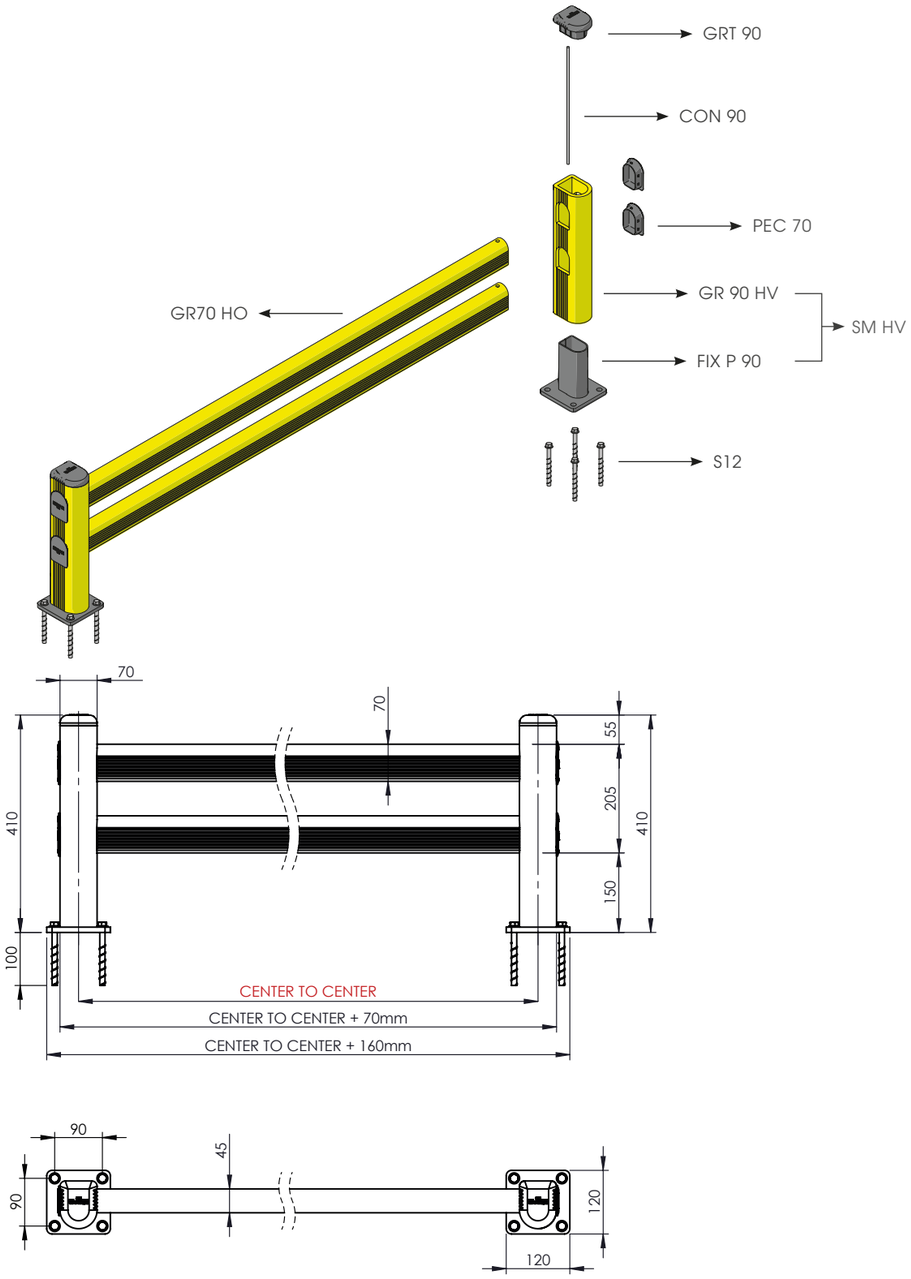




SM

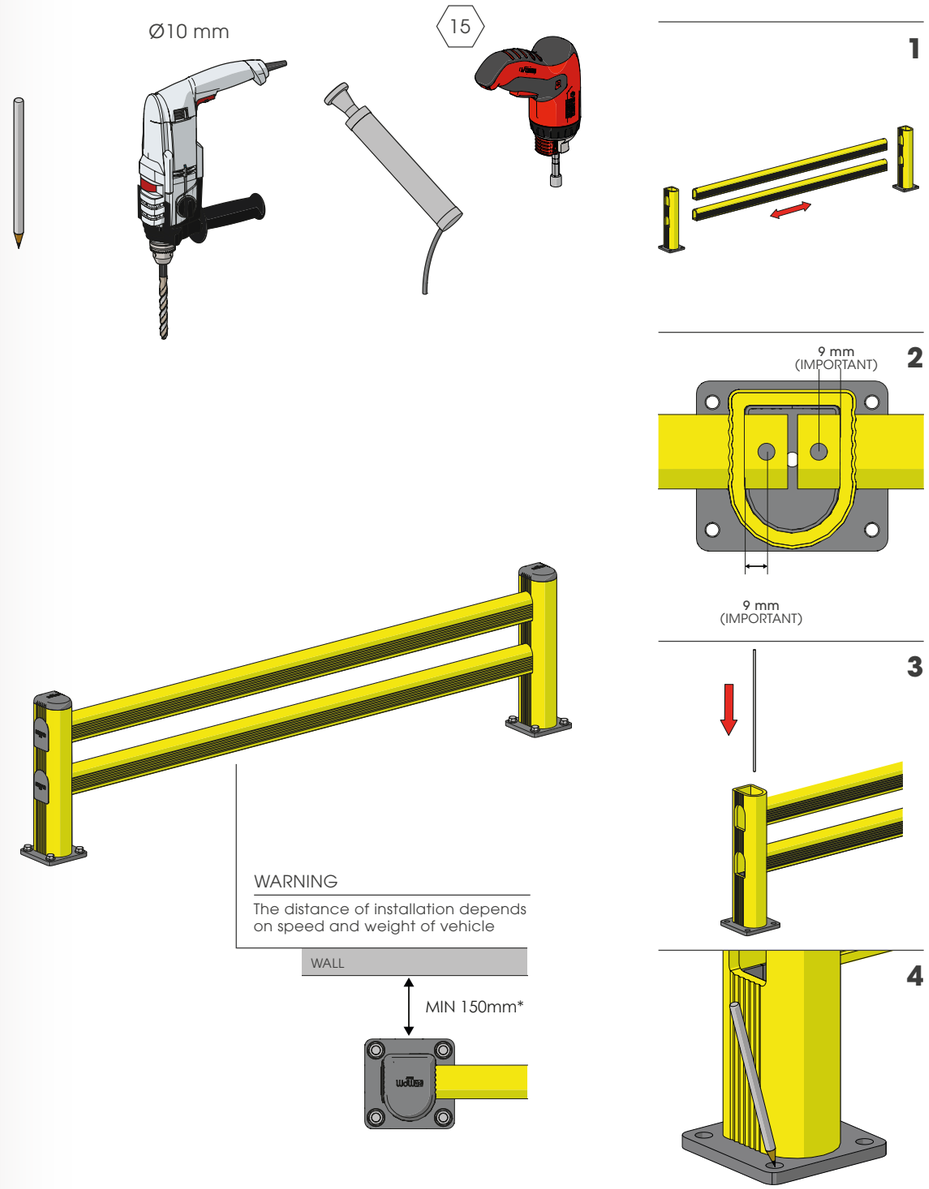
GUARD RAIL A DOPPIA BARRIERA
DOUBLE RAIL BARRIER

LIGHT LOAD / FOR HAND PALLET TRUCKS



SM

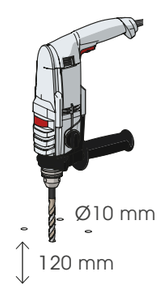
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



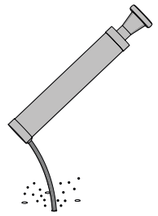
SM

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

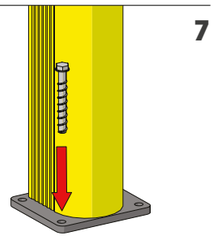
5



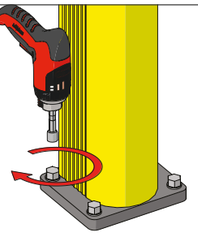
6



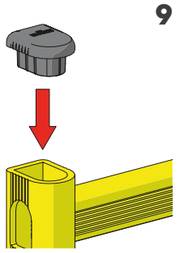
7



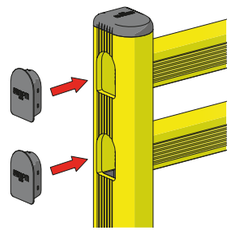
8



9



10

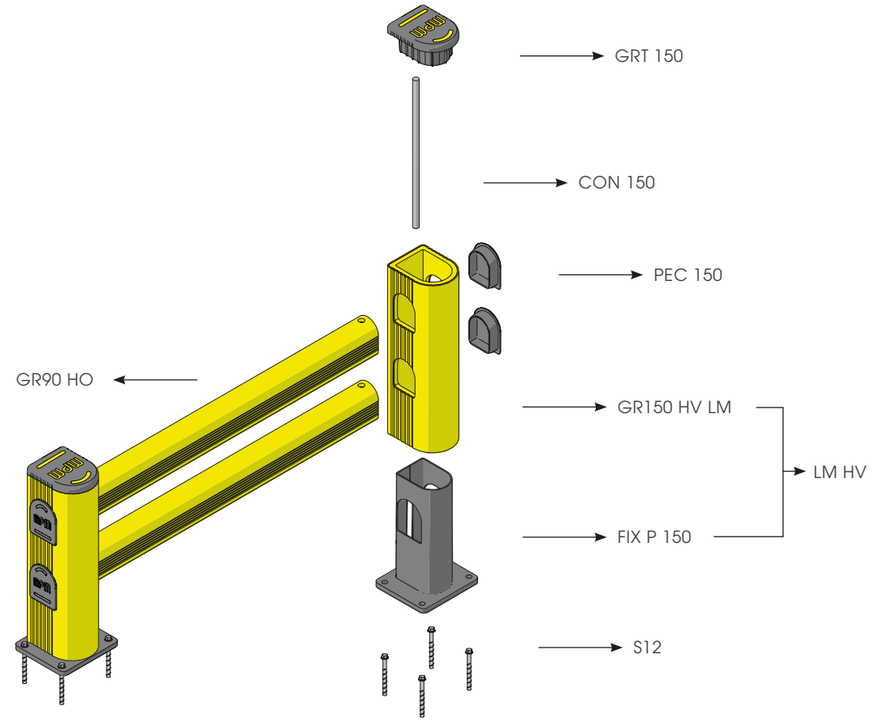


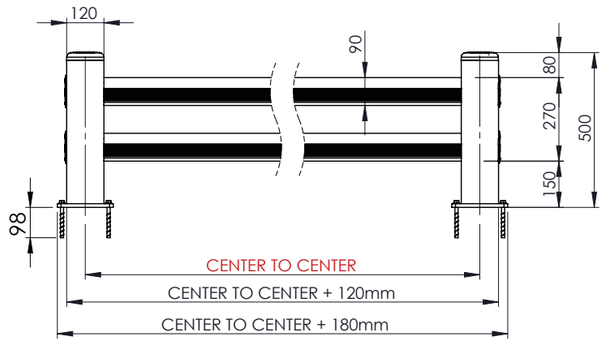
LM

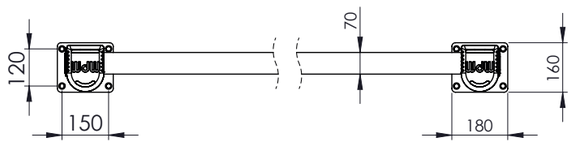
GUARD RAIL A DOPPIA BARRIERA
DOUBLE RAIL BARRIER

IMPACT TEST PASSED
according to
EN 15512:2009

HEAVY LOAD / FOR FORKLIFTS

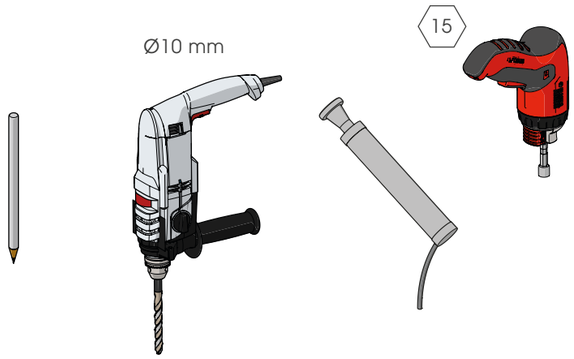


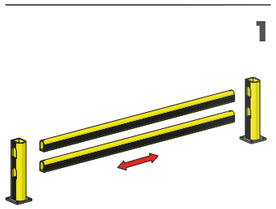


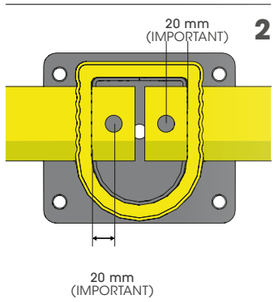


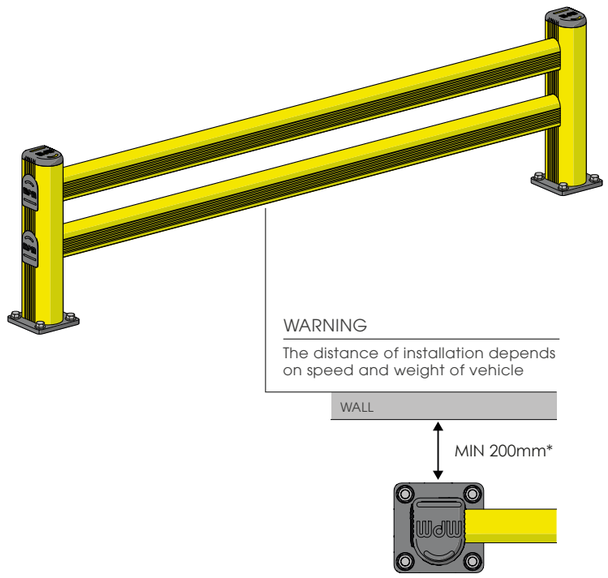
LM

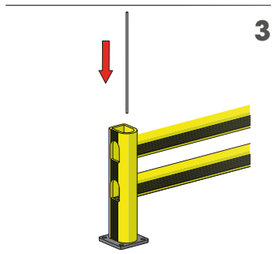
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

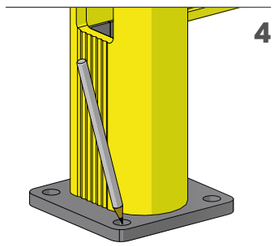






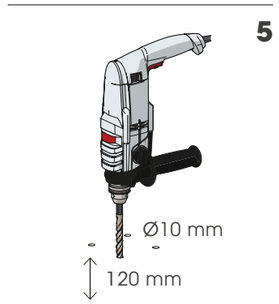


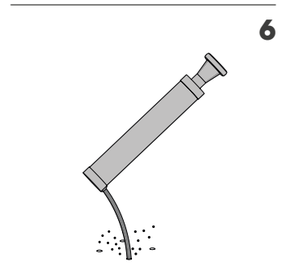


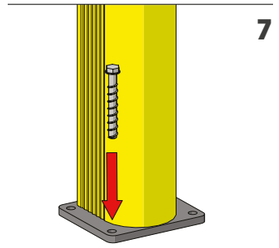


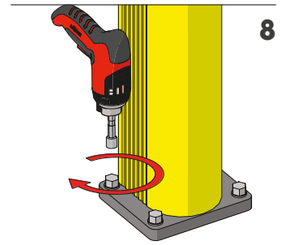
LM

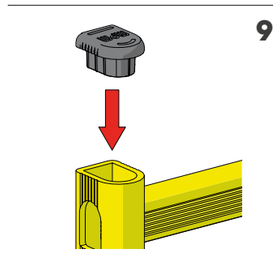
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

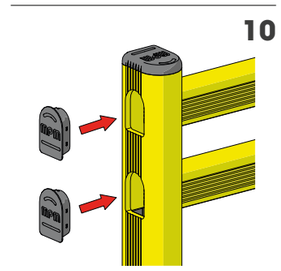








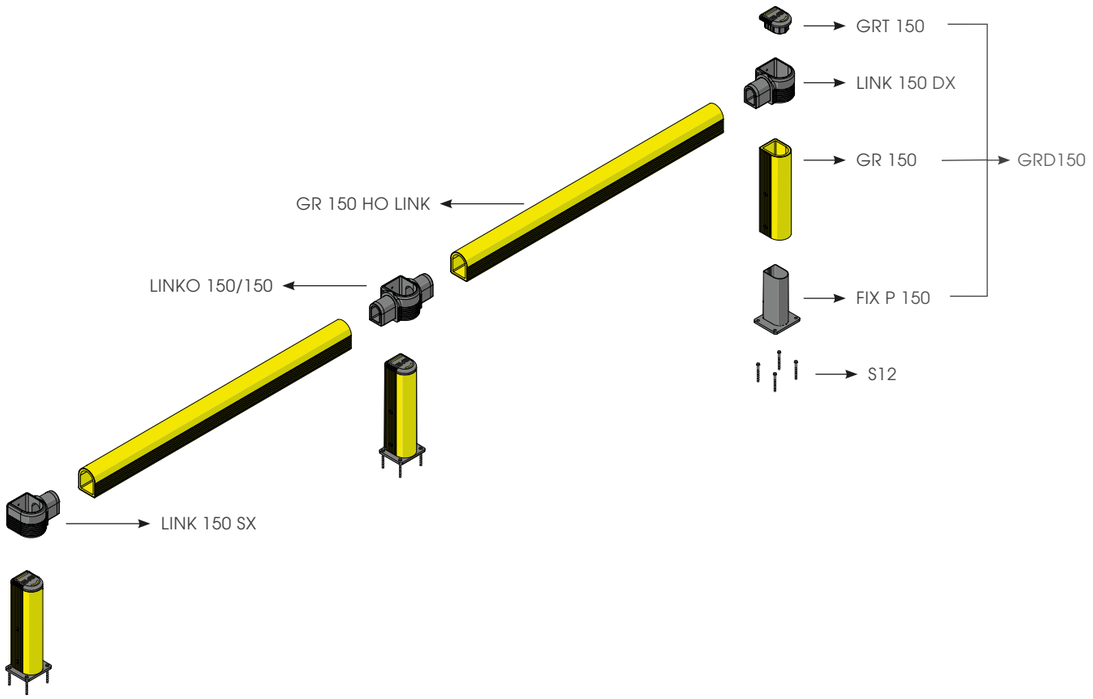


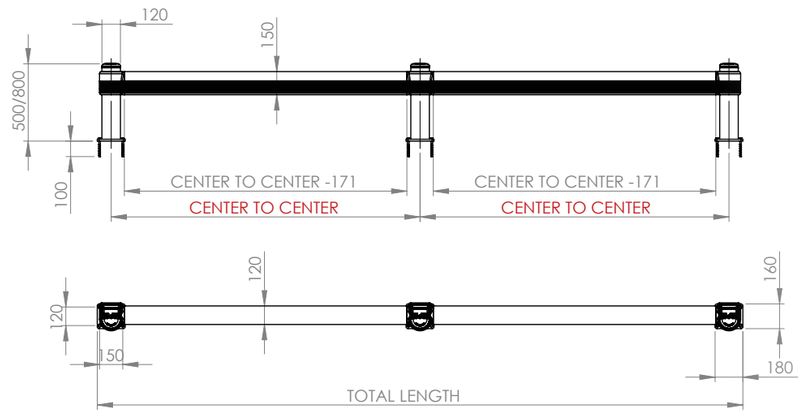


LINK SINGLE

GUARD RAIL A SINGOLA BARRIERA REGOLABILE
ADJUSTABLE SINGLE RAIL BARRIER

HEAVY LOAD / FOR FORKLIFTS

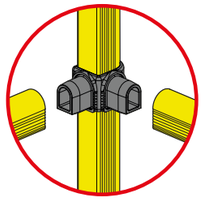


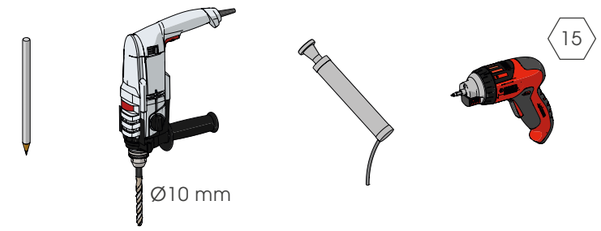


LINK SINGLE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

LINK CORNER

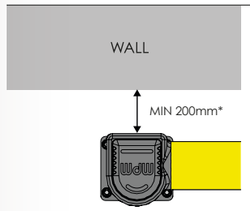




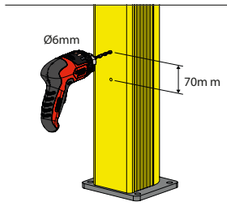
WARNING

The distance of installation depends on speed and weight of vehicle

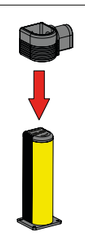
1



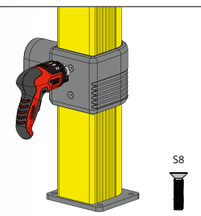
2



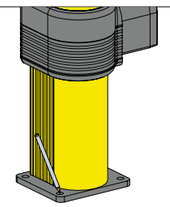
3



4



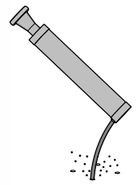
5



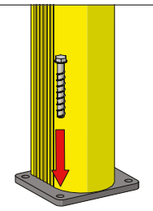
6



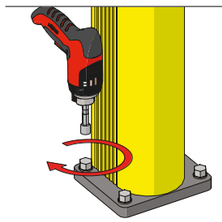
7



8



9

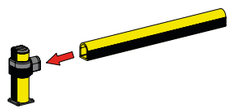


clarity

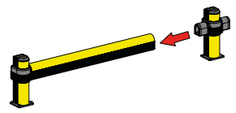
LINK SINGLE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

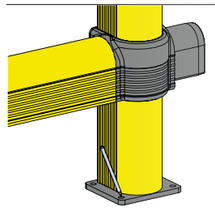
10



11



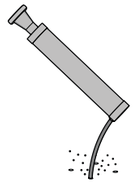
12



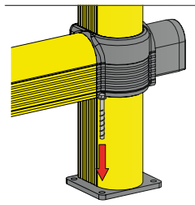
13



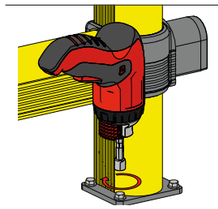
14



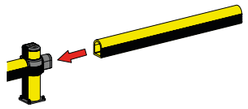
15



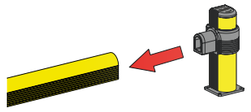
16



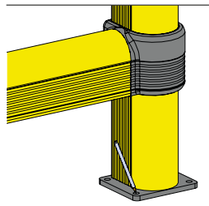
17



18



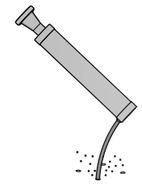
19



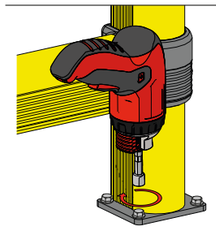
20



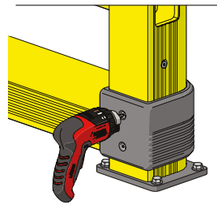
21



22



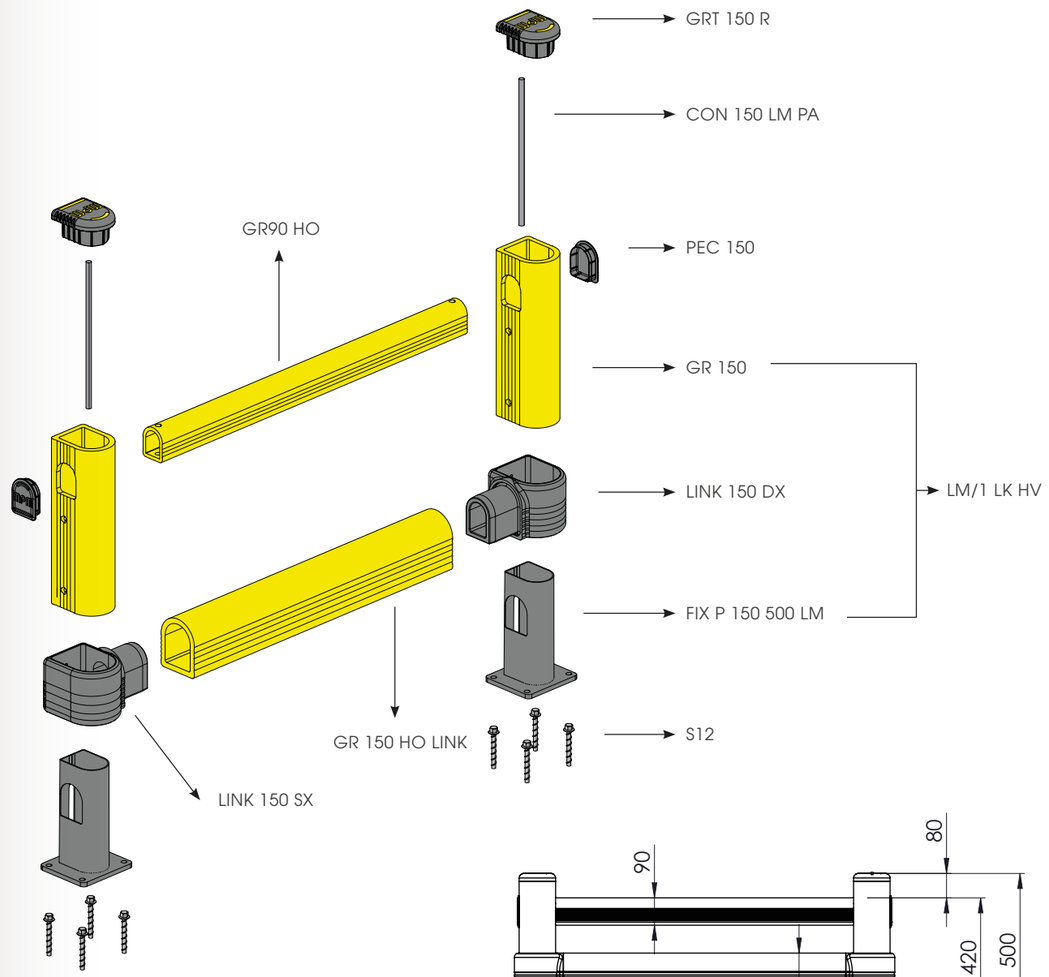
23

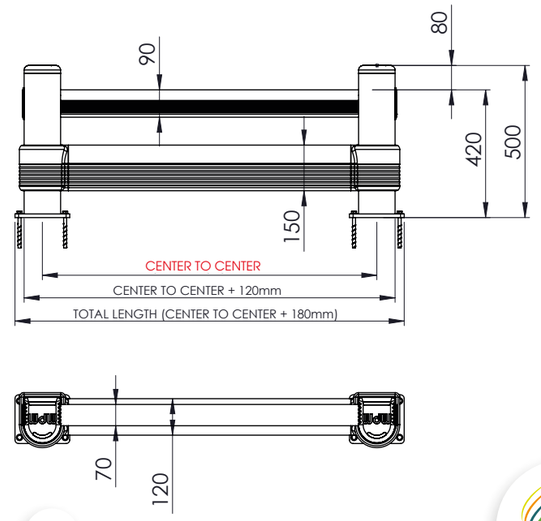


LM/1 LINK

BARRIERA DI SICUREZZA
SAFETY BARRIER

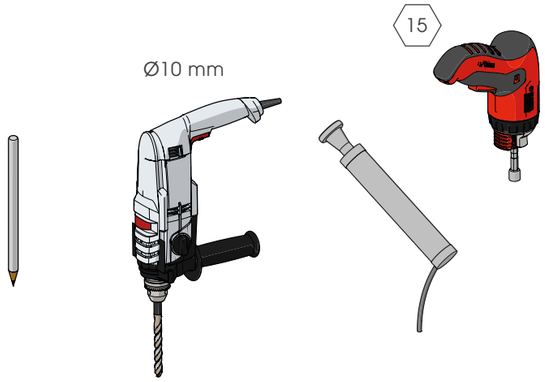
HEAVY LOAD / FOR FORKLIFTS

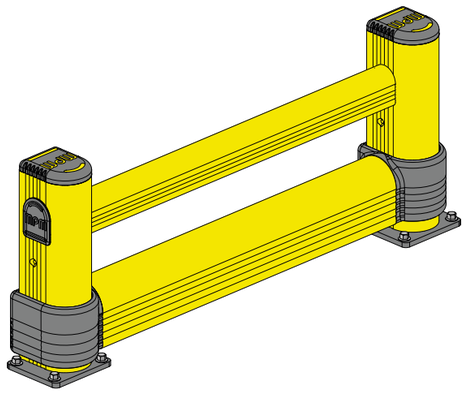




LM/1 LINK

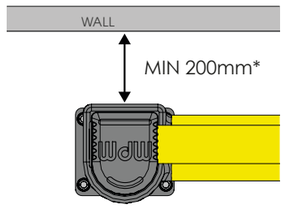
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



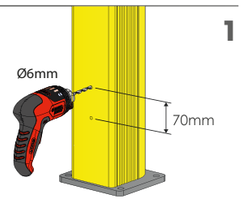


WARNING

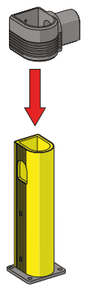
The distance of installation depends on speed and weight of vehicle



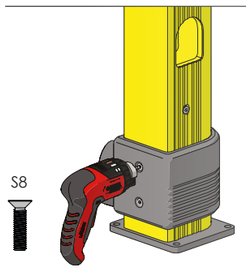
1



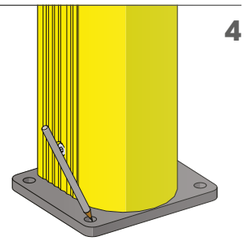
2



3



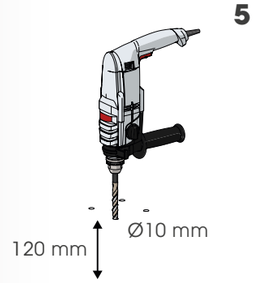
4



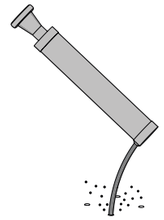
LM/1 LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

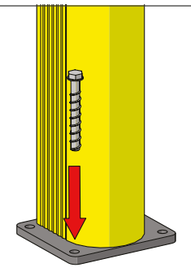
5



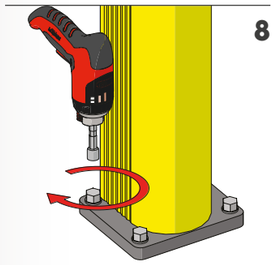
6



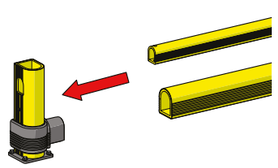
7



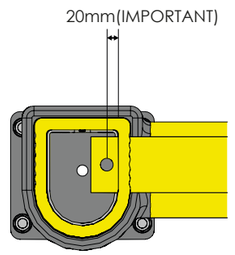
8



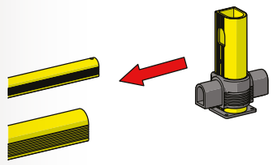
9



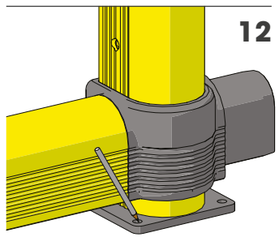
10



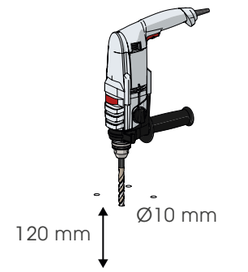
11



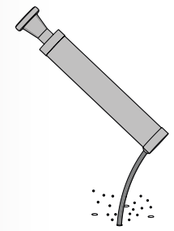
12



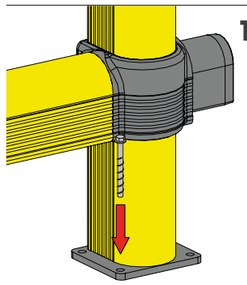
13



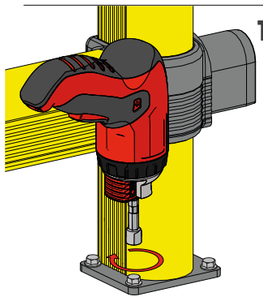
14



15



16

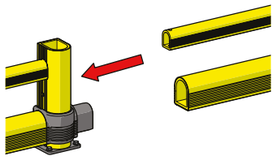


clarity

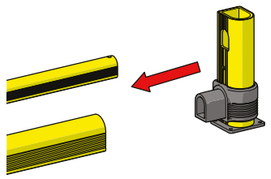
LM/1 LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

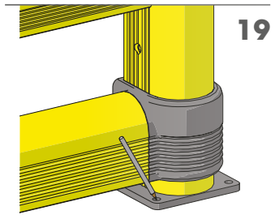
17



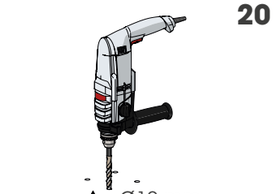
18



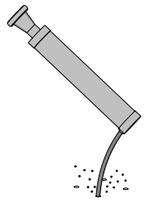
19



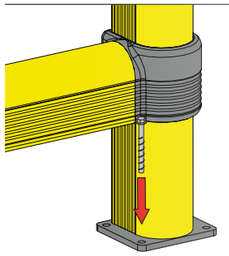
20



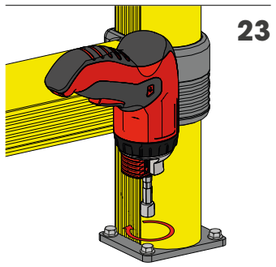
21



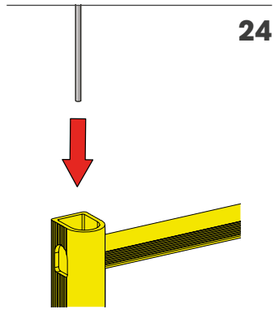
22



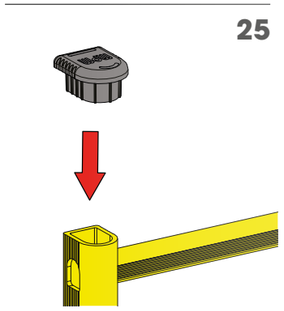
23



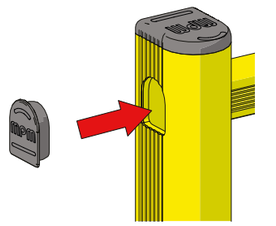
24



25



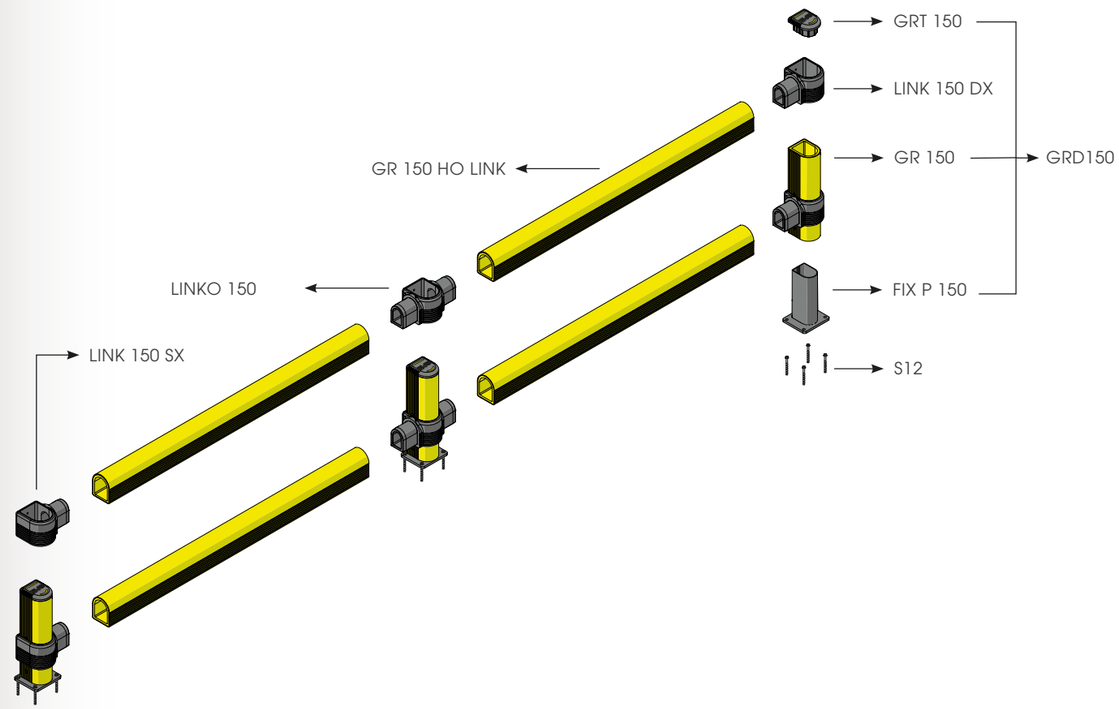
26

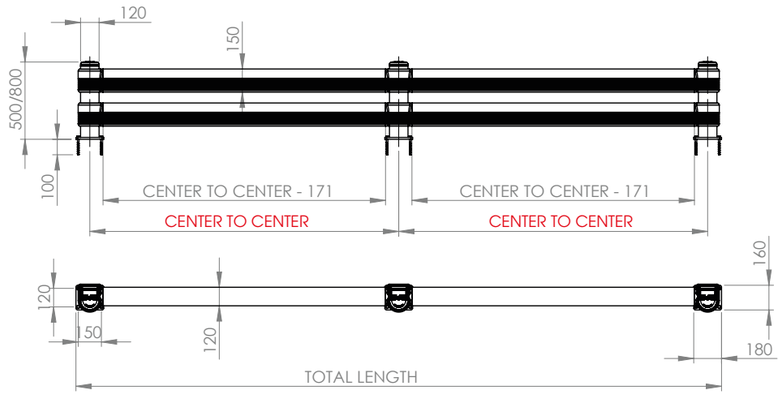


LINK LM

GUARD RAIL A DOPPIA BARRIERA REGOLABILE
ADJUSTABLE DOUBLE RAIL BARRIER

HEAVY LOAD / FOR FORKLIFTS

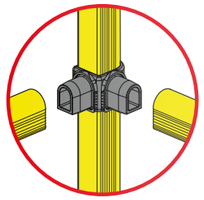


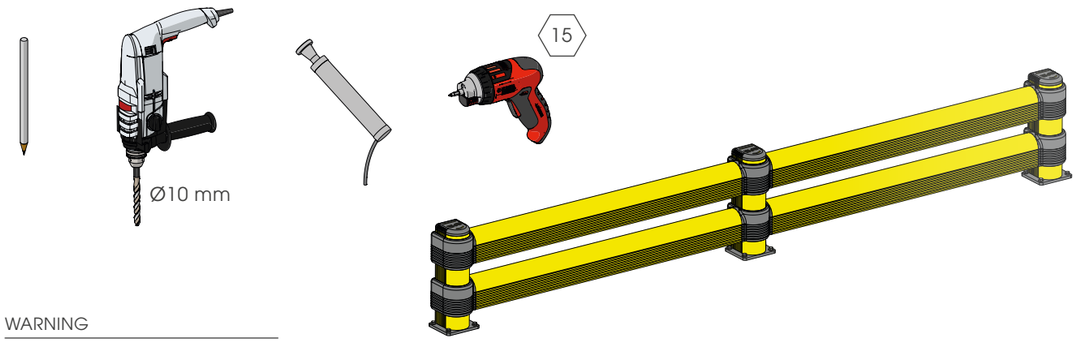


LINK LM

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

LINK CORNER

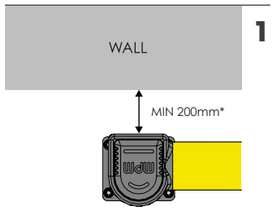




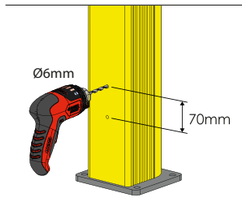
WARNING

The distance of installation depends on speed and weight of vehicle

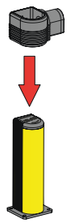
1



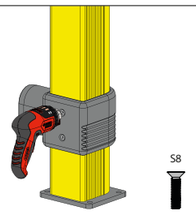
2



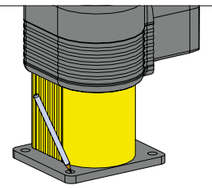
3



4



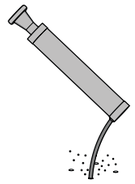
5



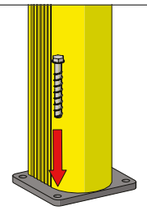
6



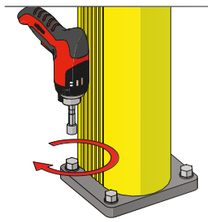
7



8



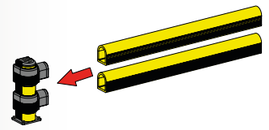
9



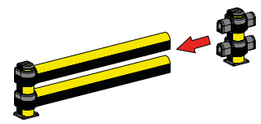
LINK LM

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

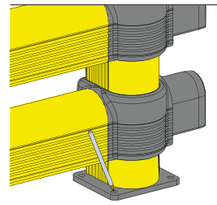
10



11



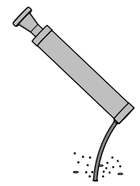
12



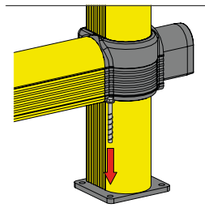
13



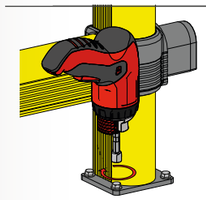
14



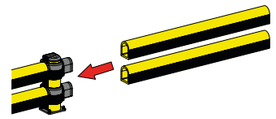
15



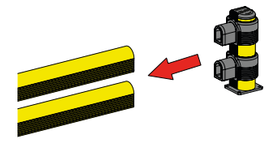
16



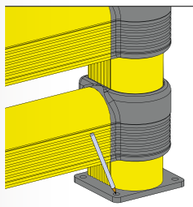
17



18



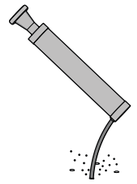
19



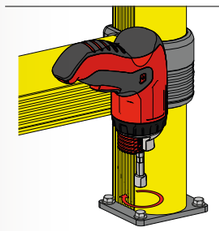
20



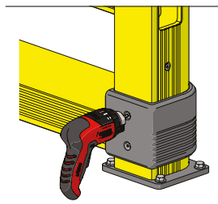
21



22



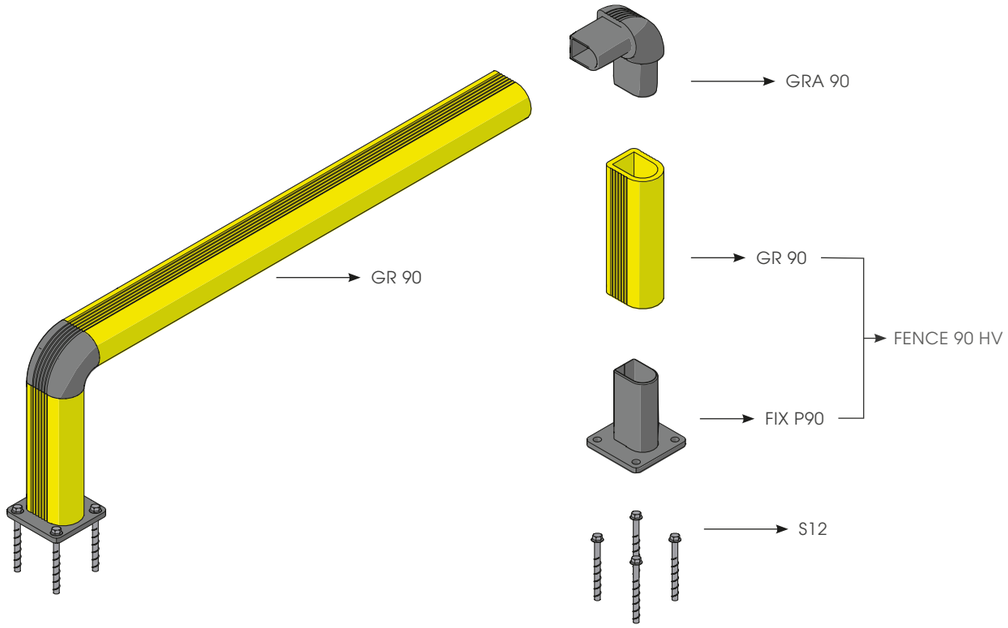
23

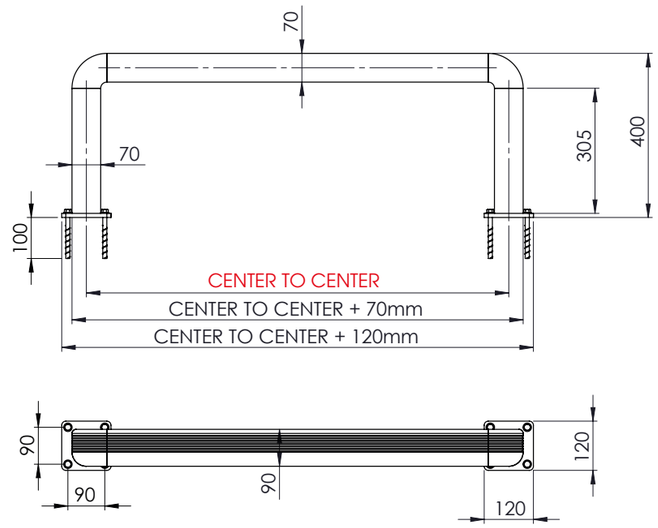


FENCE 90

BARRIERE DI PROTEZIONE PER SCAFFALI
RACK END BARRIER

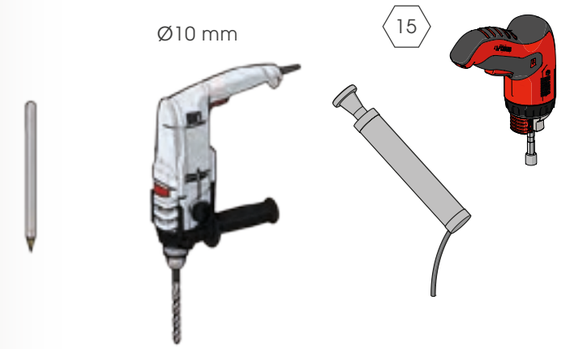
LIGHT LOAD / FOR HAND PALLET TRUCKS





FENCE 90

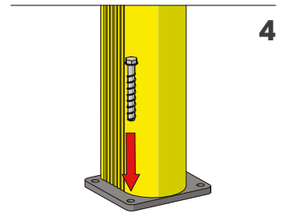
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

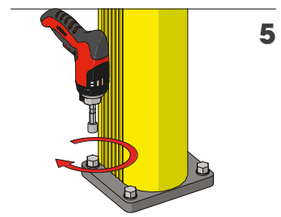










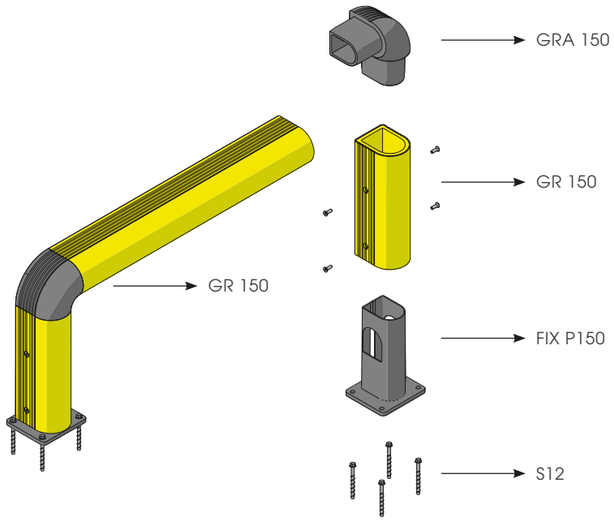


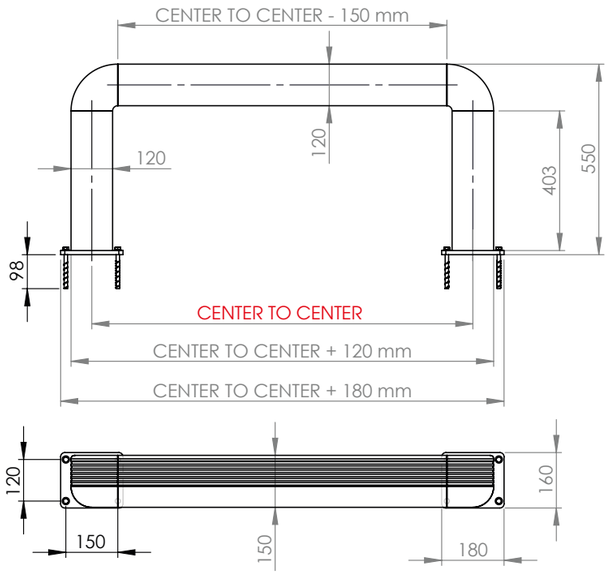


FENCE 150

BARRIERE DI PROTEZIONE PER SCAFFALI
RACK END BARRIER

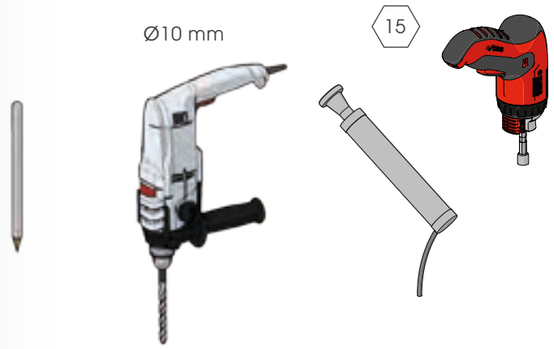
HEAVY LOAD / FOR FORKLIFTS

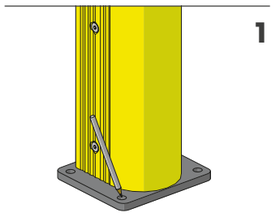




FENCE 150

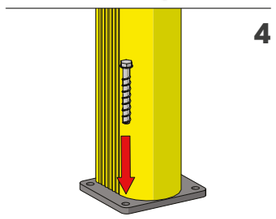
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

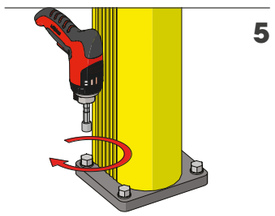


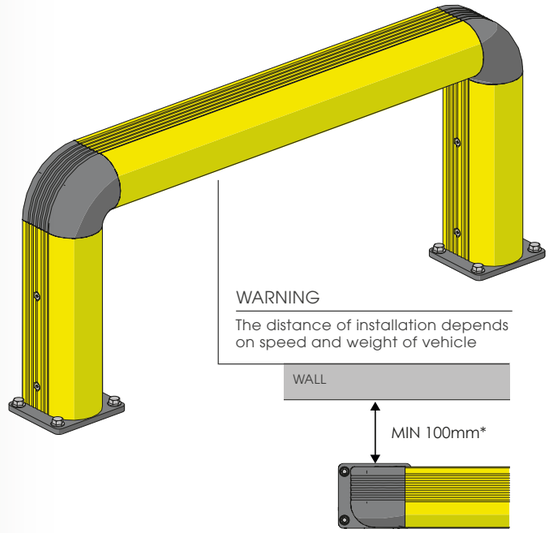








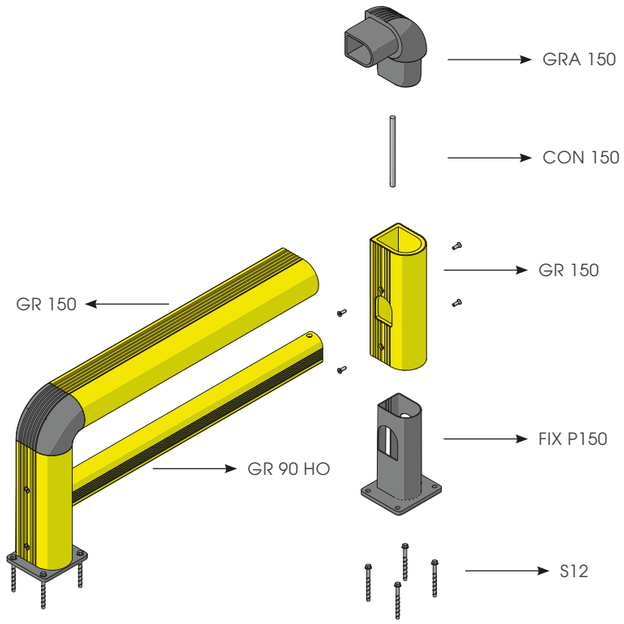


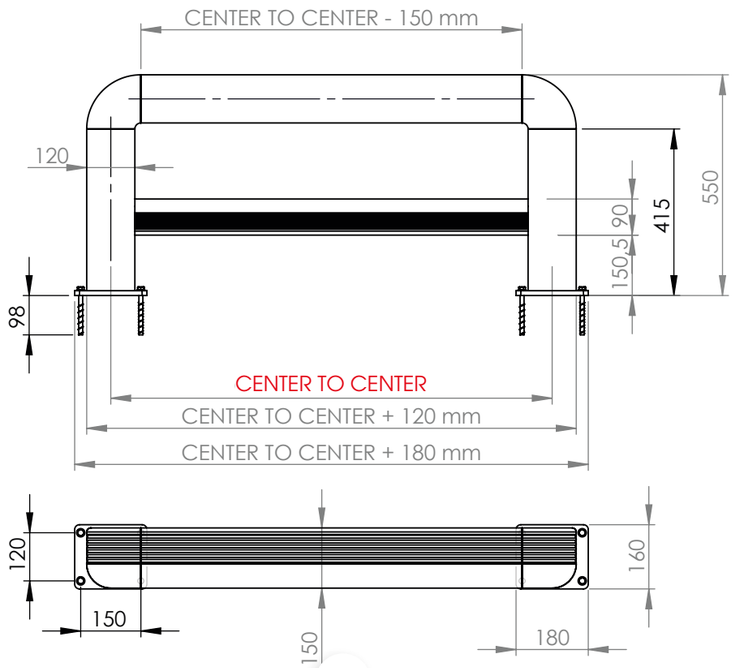


FENCE 150 REINFORCED

BARRIERE DI PROTEZIONE PER SCAFFALI
RACK END BARRIER

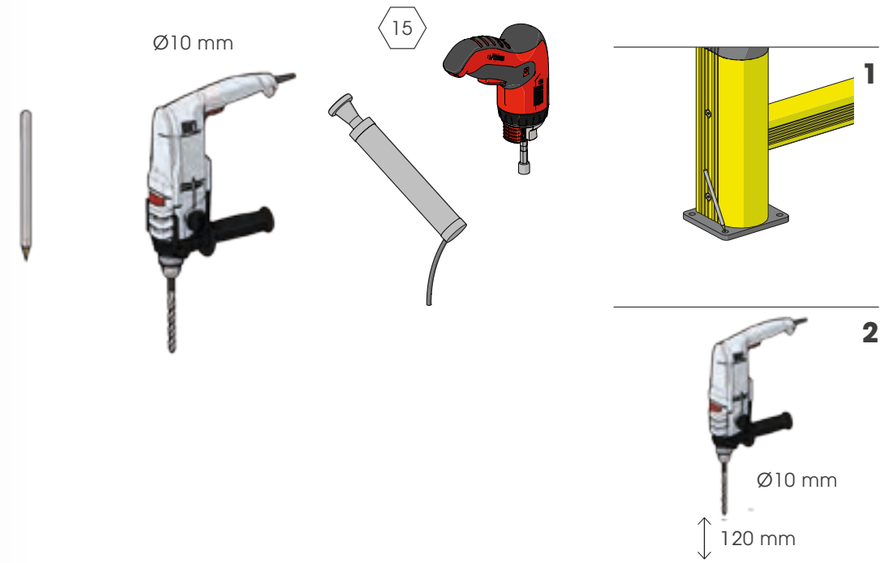
HEAVY LOAD / FOR FORKLIFTS

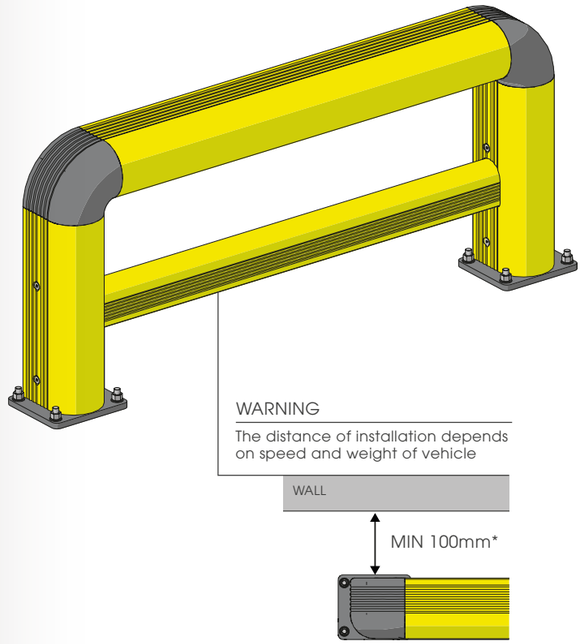




FENCE 150 REINFORCED

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

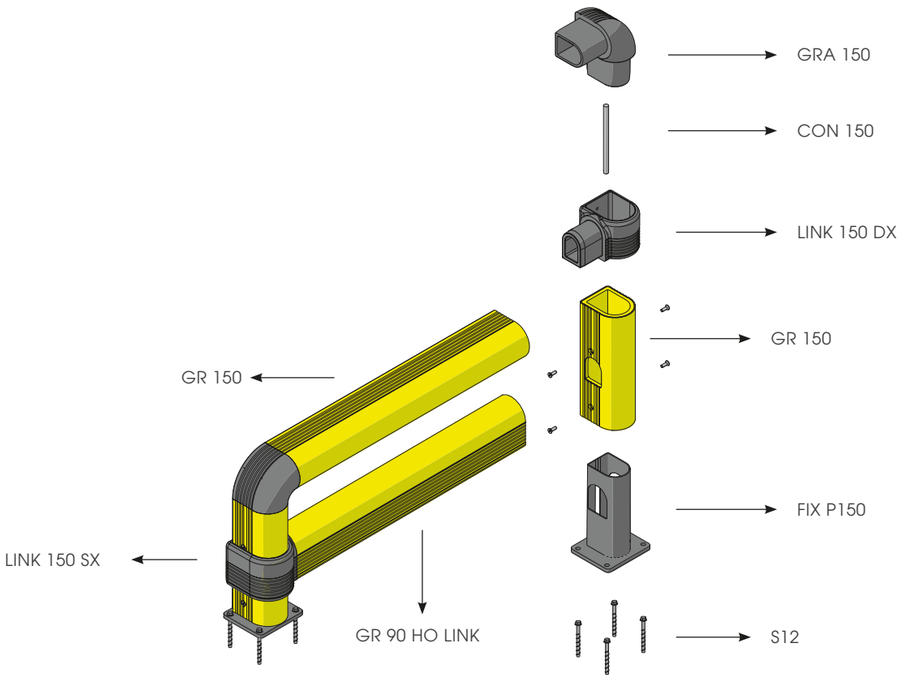


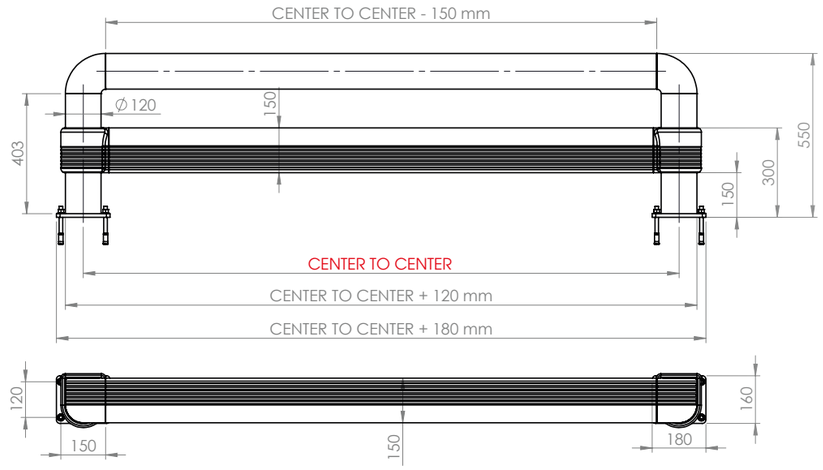


FENCE 150 LINK

BARRIERE DI PROTEZIONE PER SCAFFALI
RACK END BARRIER

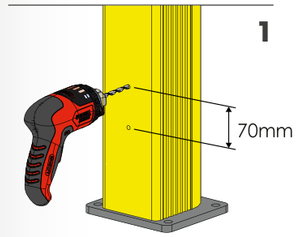
HEAVY LOAD / FOR FORKLIFTS

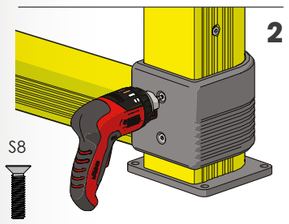


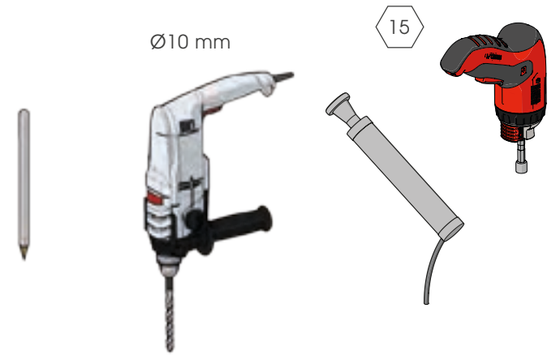


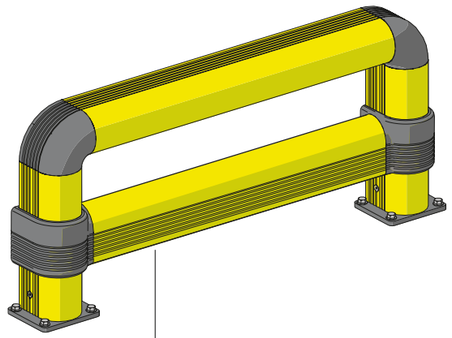
FENCE 150 LINK

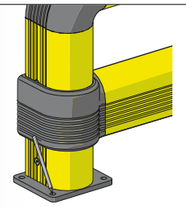
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

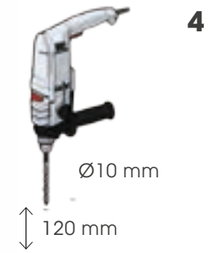




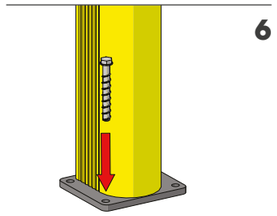


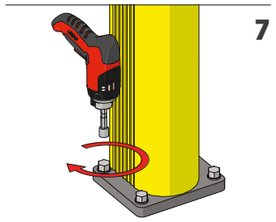


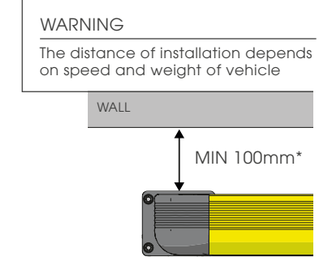








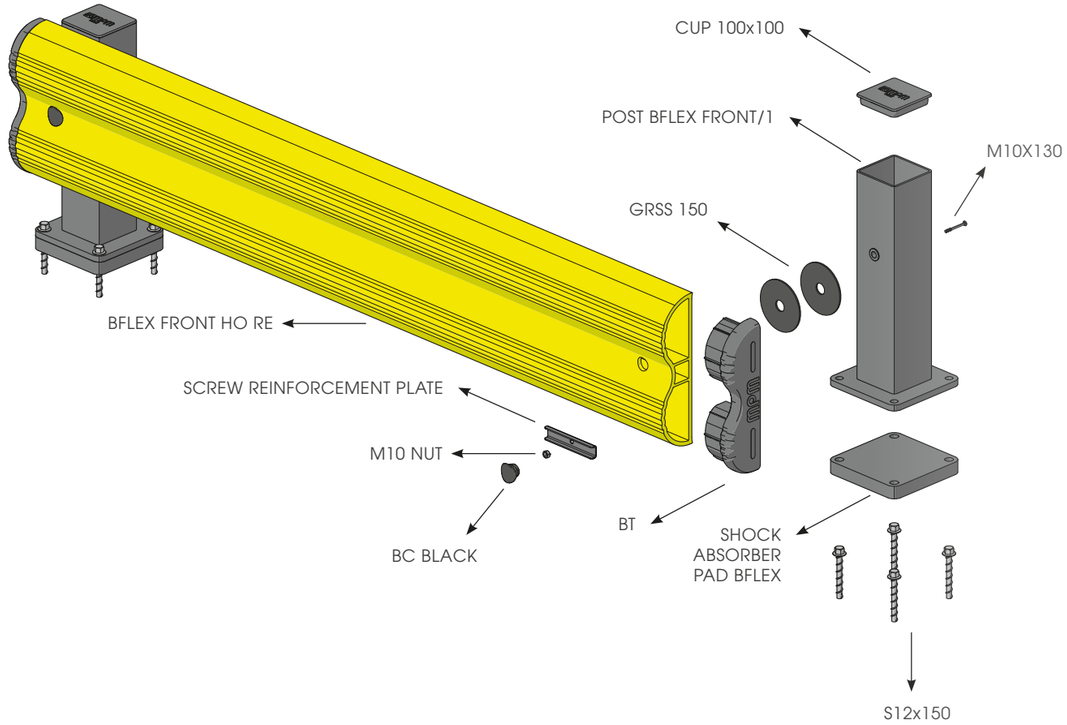


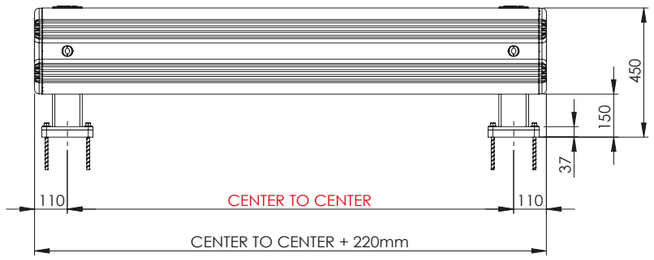


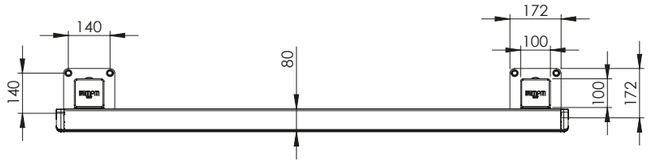
BFLEX.FRONT/1

BARRIERA SINGOLA FRONTALE - RACK END MODULO SINGOLO
FRONTAL SINGLE RACK END BARRIER

HEAVY LOAD / FOR FORKLIFTS

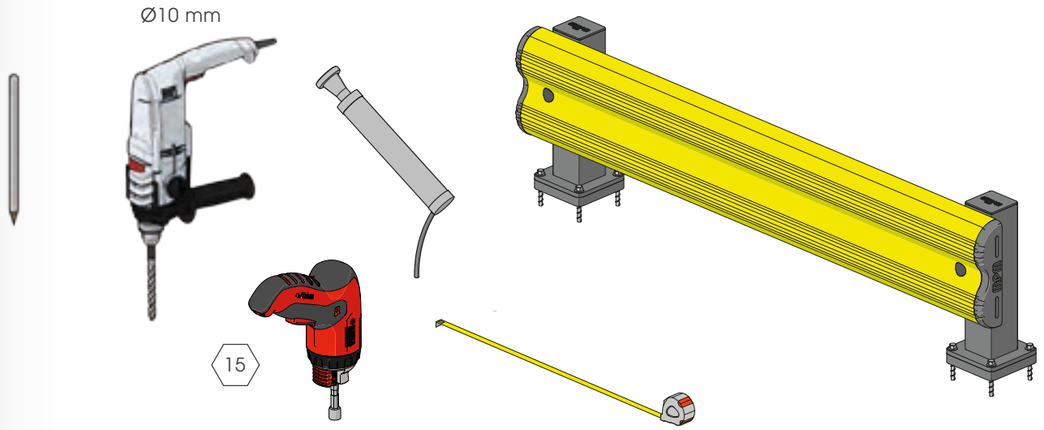






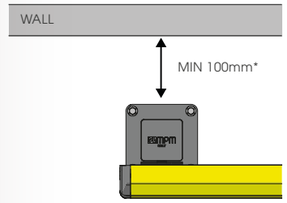
BFLEX.FRONT/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

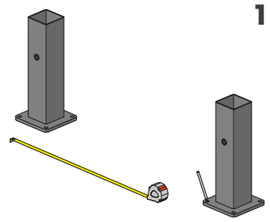


WARNING

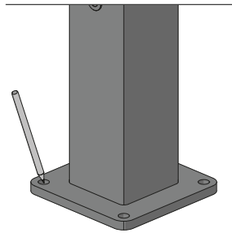
The distance of installation depends on speed and weight of vehicle



1



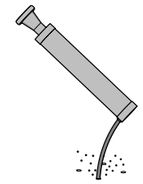
2



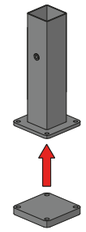
3



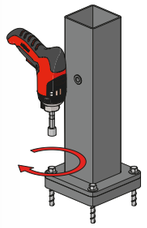
4



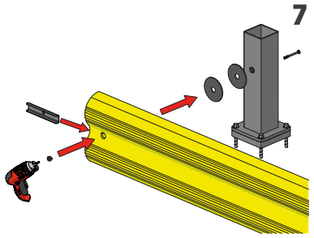
5



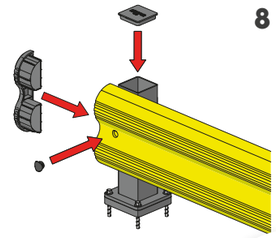
6



7



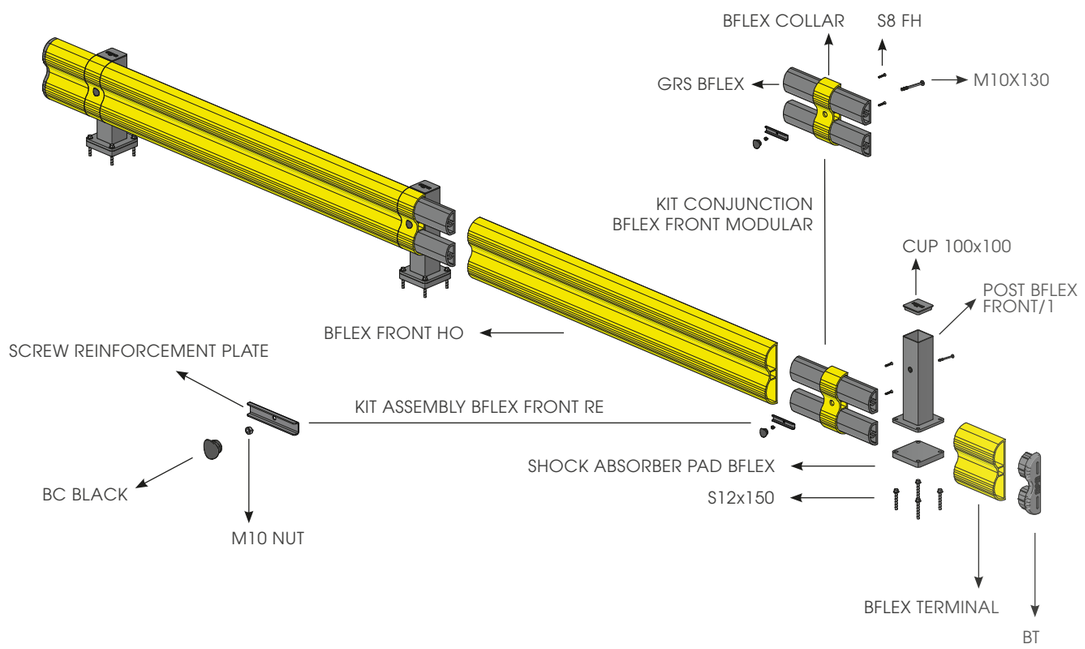
8

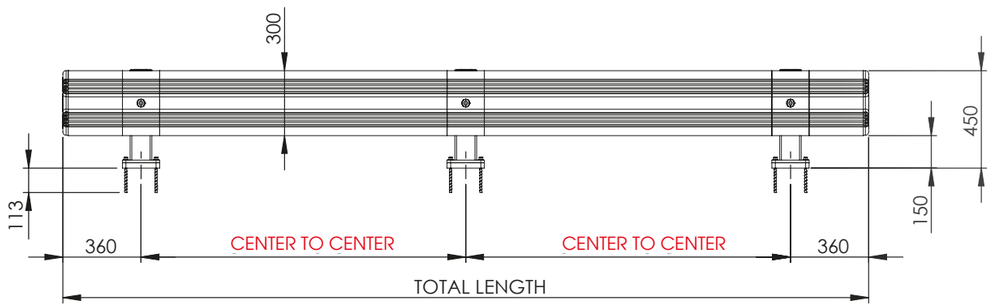


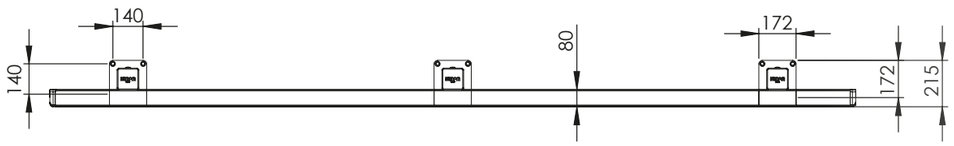
BFLEX.FRONT/1 MODULAR

BARRIERA SINGOLA FRONTALE MODULARE
FRONTAL SINGLE BARRIER MODULAR

HEAVY LOAD / FOR FORKLIFTS

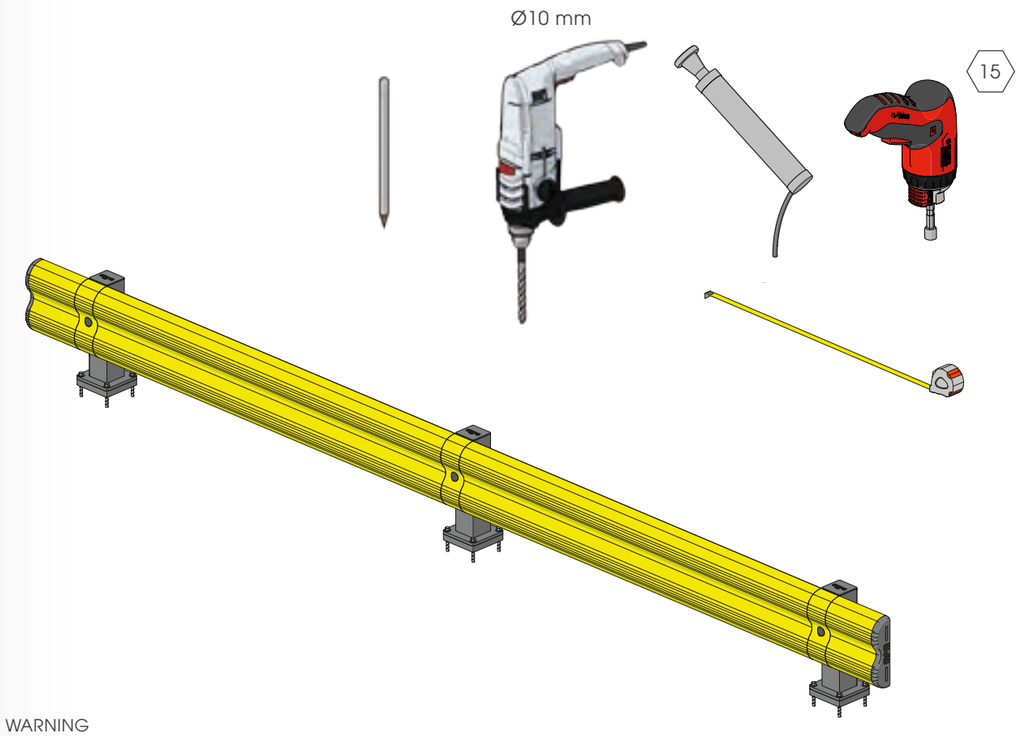






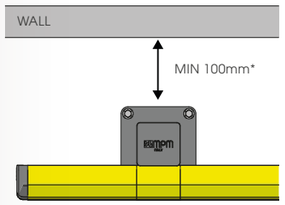
BFLEX.FRONT/1 MODULAR

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

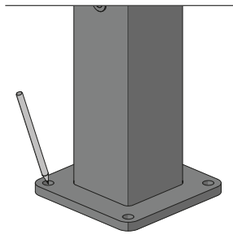


WARNING

The distance of installation depends on speed and weight of vehicle



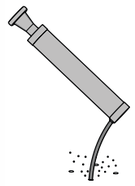
1



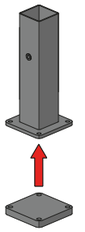
2



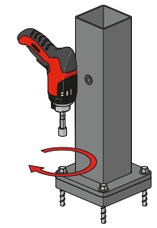
3



4



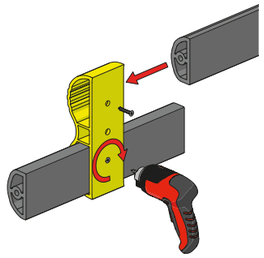
5



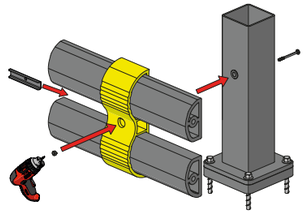
BFLEX.FRONT/1 MODULAR

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

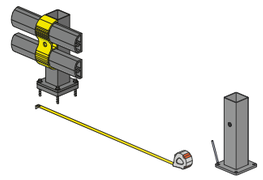
6



7



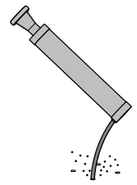
8



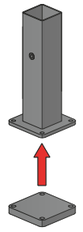
9



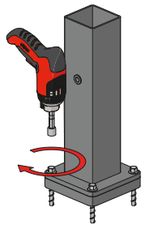
10



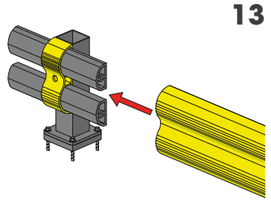
11



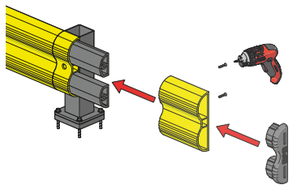
12



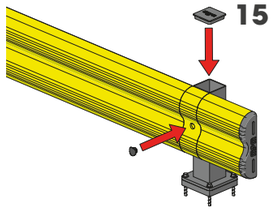
13



14



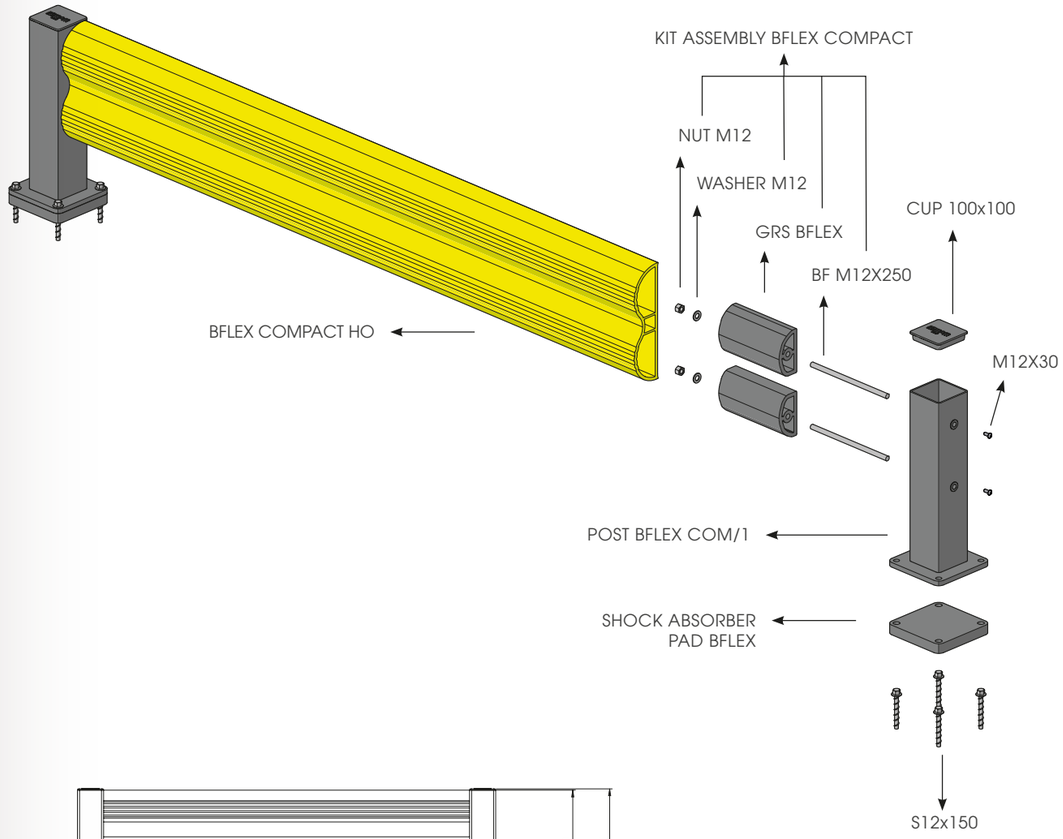
15

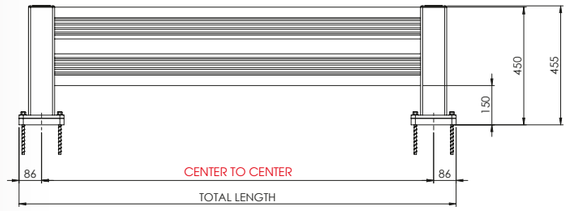


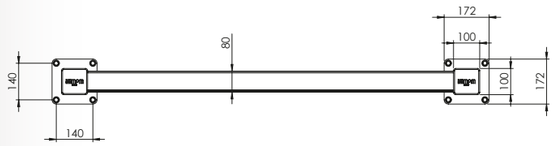
BFLEX.COM/1

BARRIERA SINGOLA COMPATTA
COMPACT SINGLE BARRIER

HEAVY LOAD / FOR FORKLIFTS

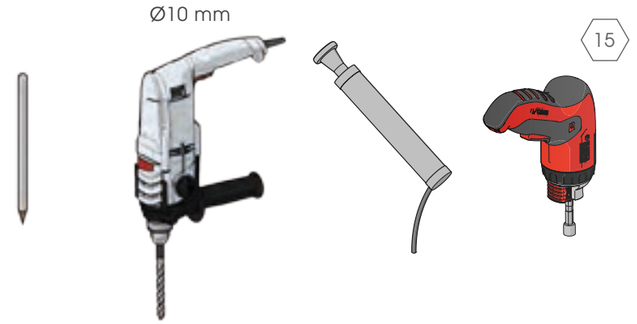


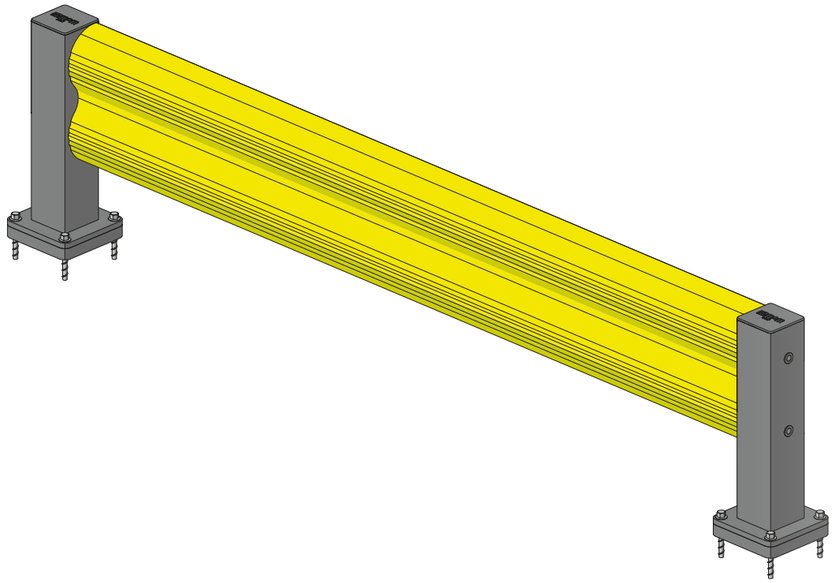




BFLEX.COM/1

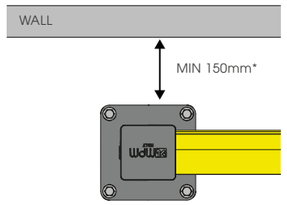
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



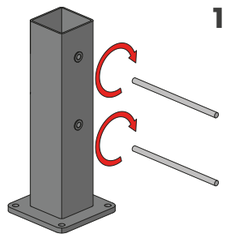


WARNING

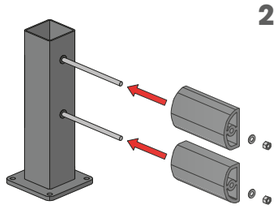
The distance of installation depends on speed and weight of vehicle



1



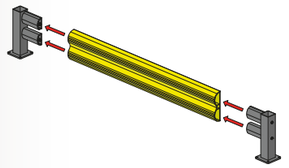
2



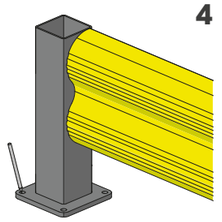
BFLEX.COM/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

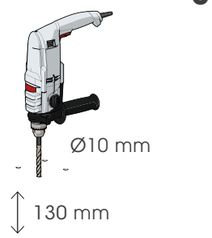
3



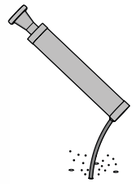
4



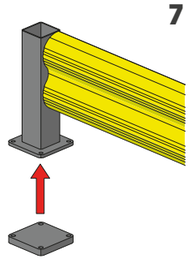
5



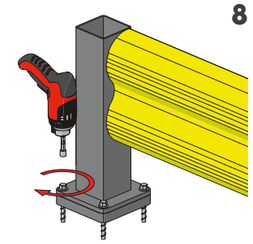
6



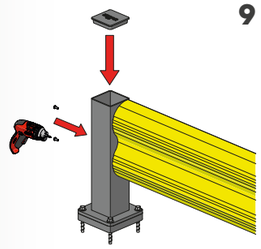
7



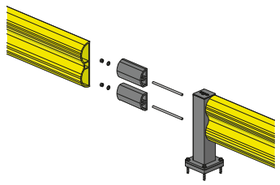
8



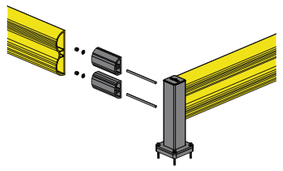
9



BFLEX.COM/1 MODULAR



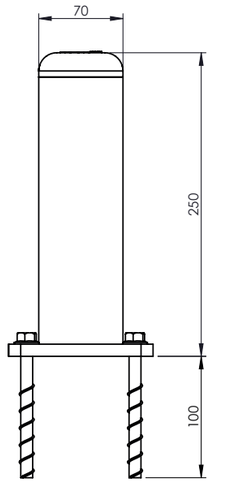
BFLEX.COM/1 MODULAR CORNER

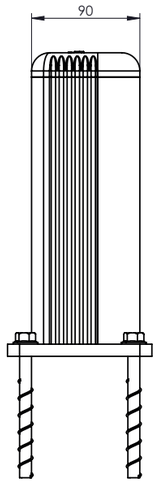


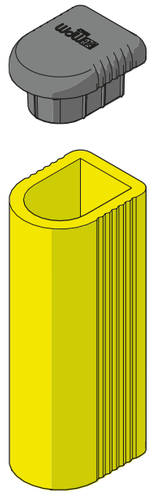
GRD 90

PALO PROTEZIONE
BOLLARD

LIGHT LOAD / FOR HAND PALLET TRUCKS

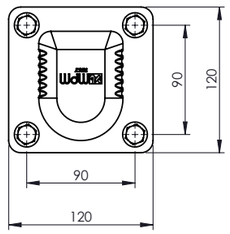


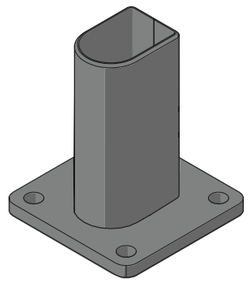




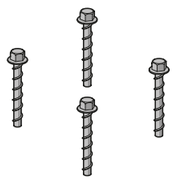
GRT 90

GR 90





FIX P 90



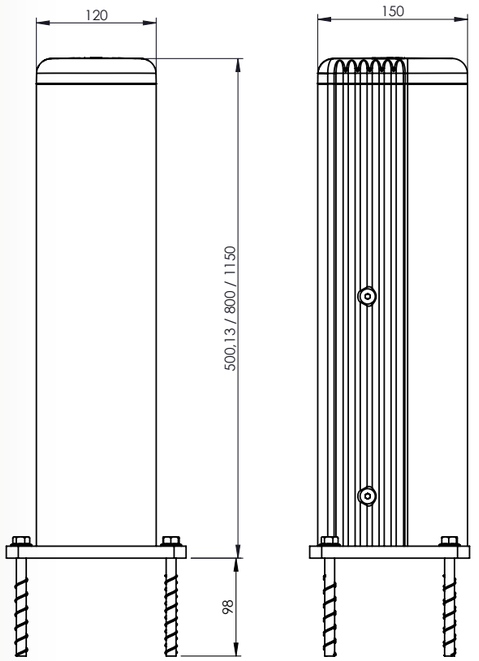
S12

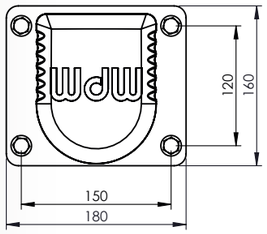
GRD 150

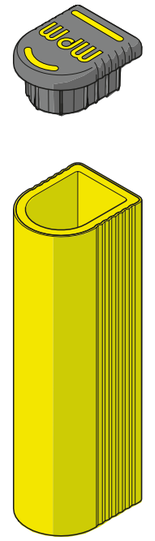
PALO PROTEZIONE
BOLLARD

IMPACT TEST PASSED
according to
EN 15512:2009

HEAVY LOAD / FOR FORKLIFTS

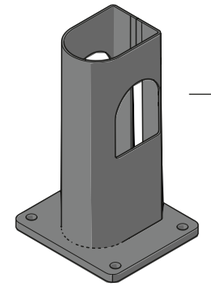




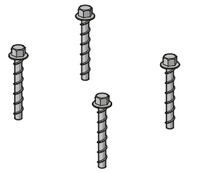


GRT 150

GR 150



FIX P 150

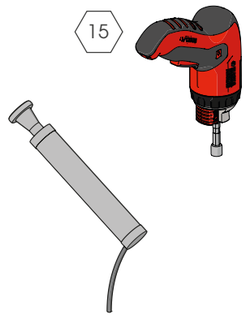


S12

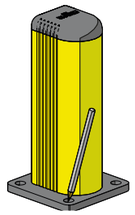
GRD 90/150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

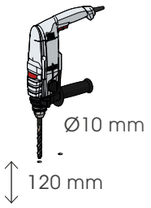




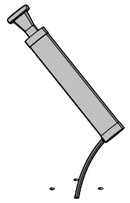
1



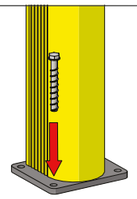
2



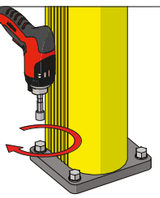
3

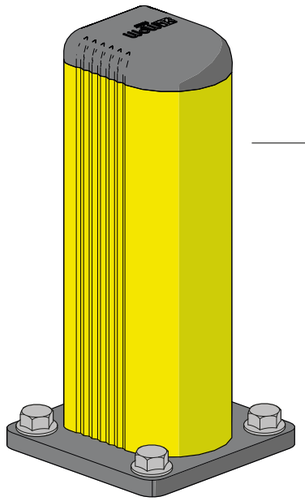


4



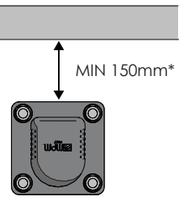
5





WARNING

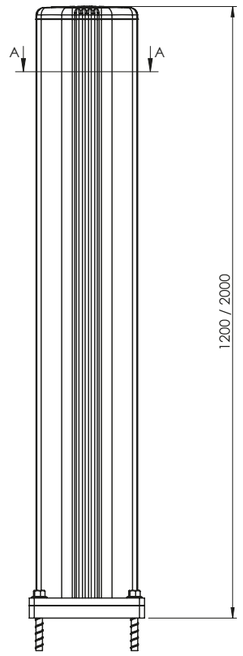
The distance of installation depends on speed and weight of vehicle

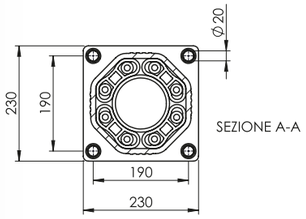


GRD 200

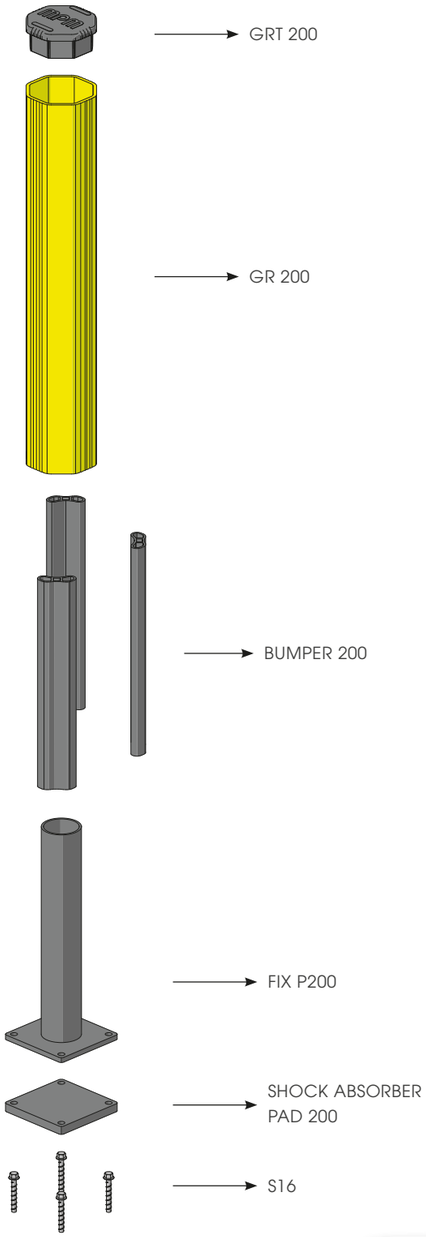
PALO PROTEZIONE
BOLLARD

HEAVY LOAD / FOR FORKLIFTS



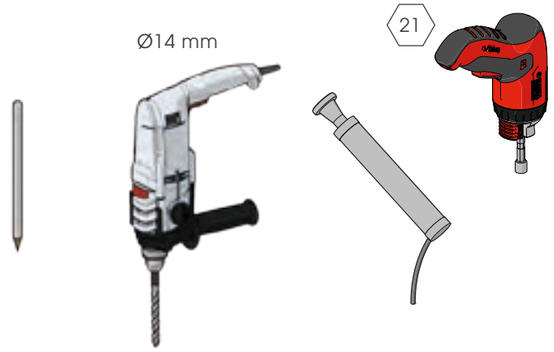


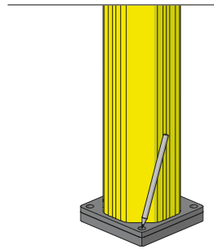
SEZIONE A-A

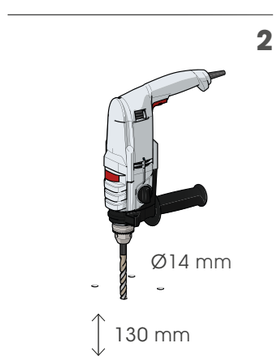


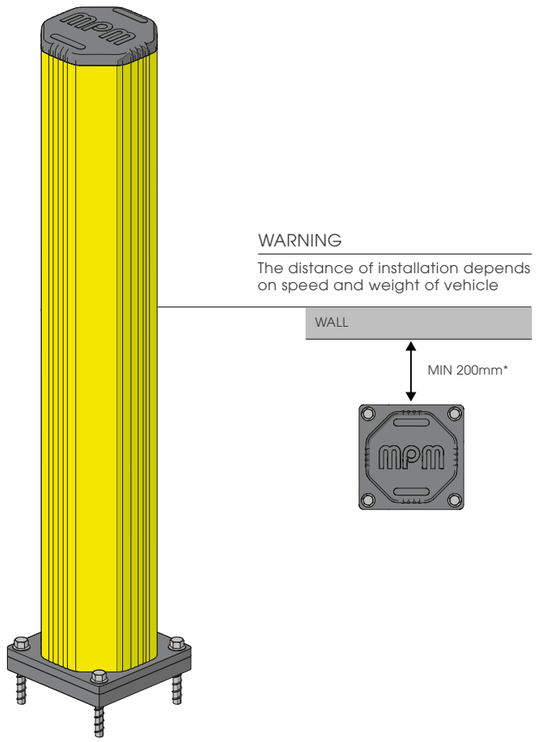
GRD 200

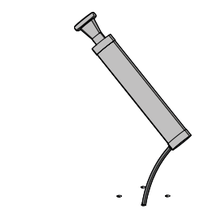
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

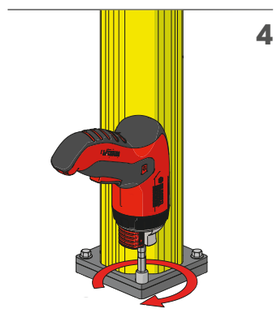










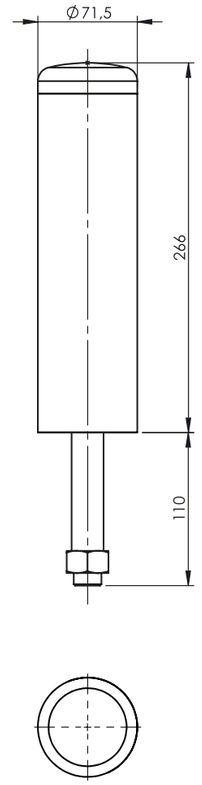


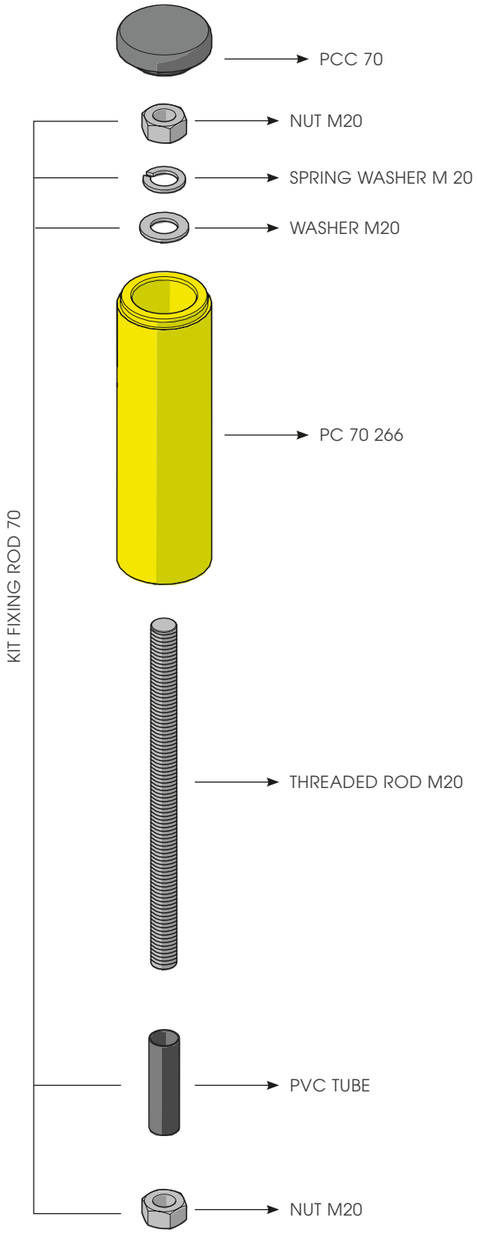
ROD 70

PALO PROTEZIONE
BOLLARD

-30°
RESISTANT TO LOW TEMPERATURES

LIGHT LOAD / FOR HAND PALLET TRUCKS





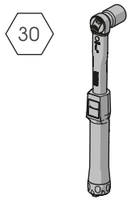
ROD 70

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

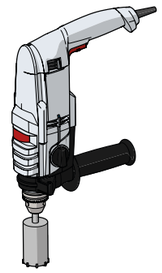
-30°
RESISTANT TO LOW TEMPERATURES

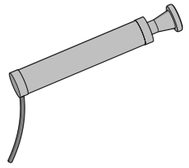
CHEMICAL ANCHOR





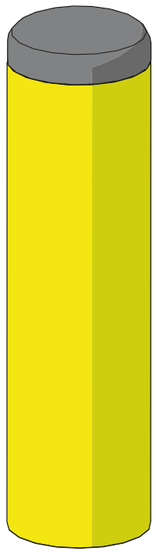
Ø38 mm







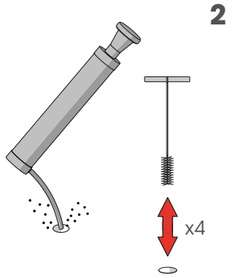
Ø38 mm



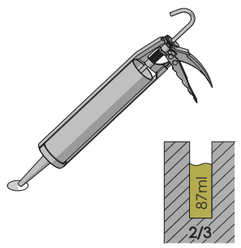
1



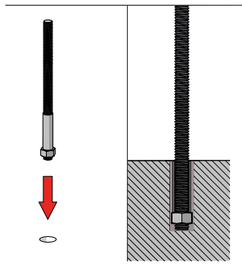
2



3



4



ROD 70

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

-30°
RESISTANT TO LOW TEMPERATURES

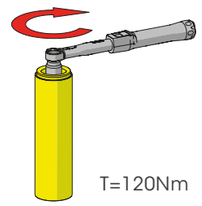
5



6



7



8

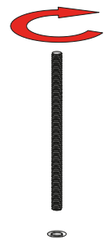


ROD REPLACEMENT

1



2



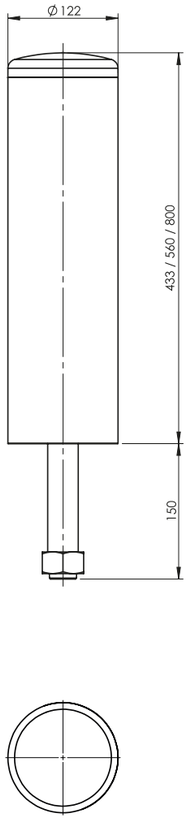
clarity

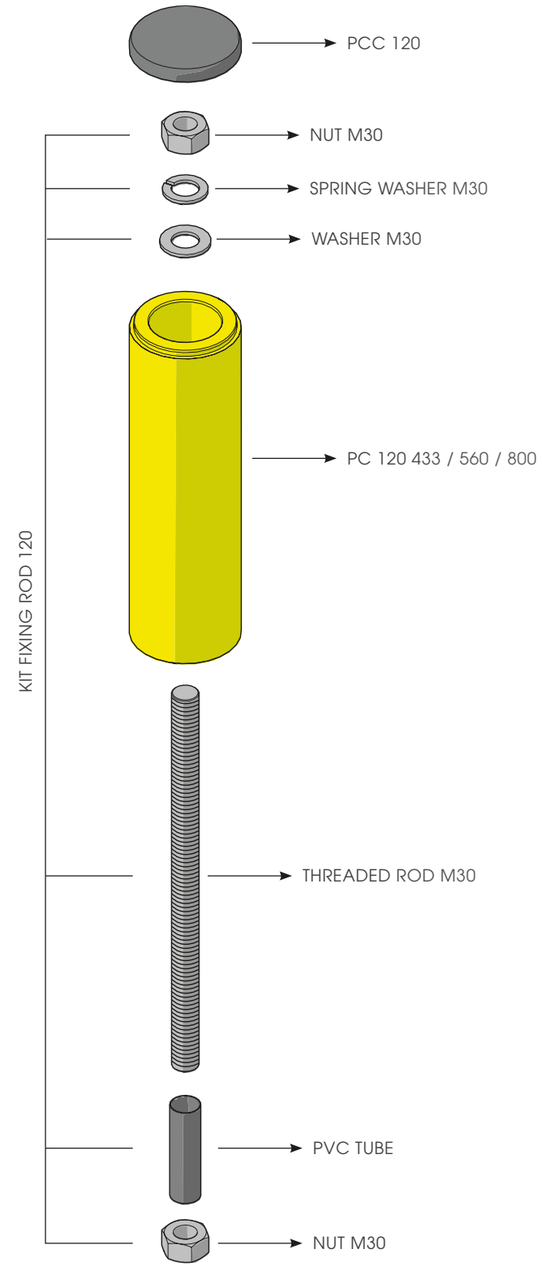
ROD 120

PALO PROTEZIONE
BOLLARD

-30°
RESISTANT TO
LOW TEMPERATURES

HEAVY LOAD / FOR FORKLIFTS





ROD 120

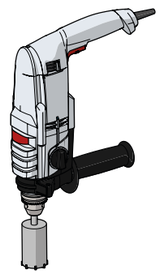
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

-30°
RESISTANT TO
LOW TEMPERATURES

CHEMICAL
ANCHOR



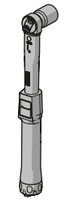
Ø56 mm

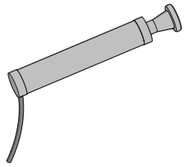


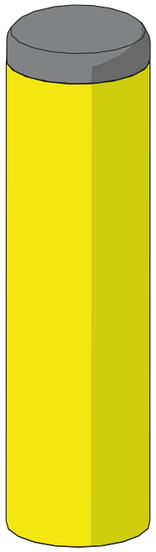


Ø56 mm

46







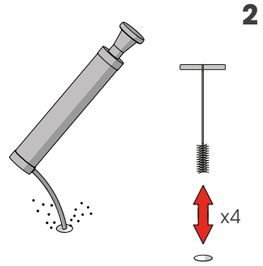
1



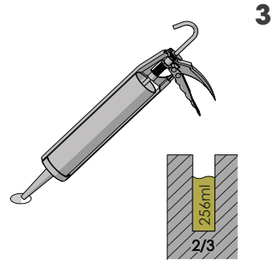
Ø56 mm

155 mm

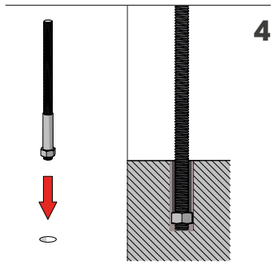
2



3



4



clarity

ROD 120

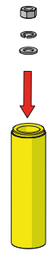
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

-30°
RESISTANT TO LOW TEMPERATURES

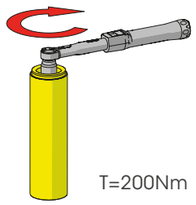
5



6



7



T=200Nm

8



ROD REPLACEMENT

1



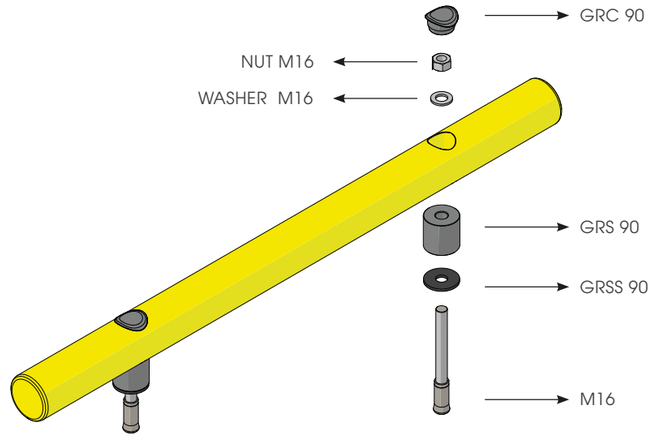
2

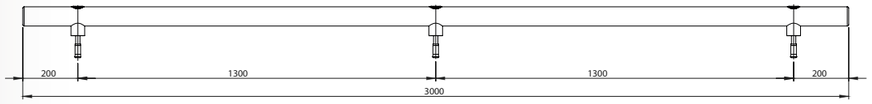


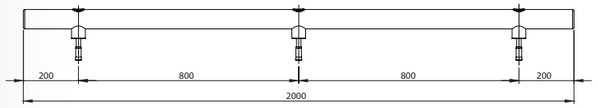
ROD FLOOR 70

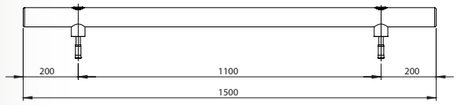
BARRIERA SINGOLA
SINGLE-RAIL BARRIER

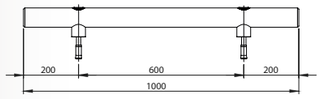
-30°
RESISTANT TO LOW TEMPERATURES

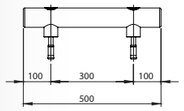


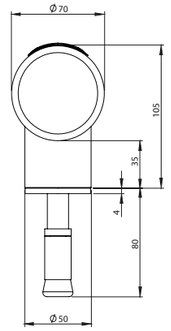












ROD FLOOR 70

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



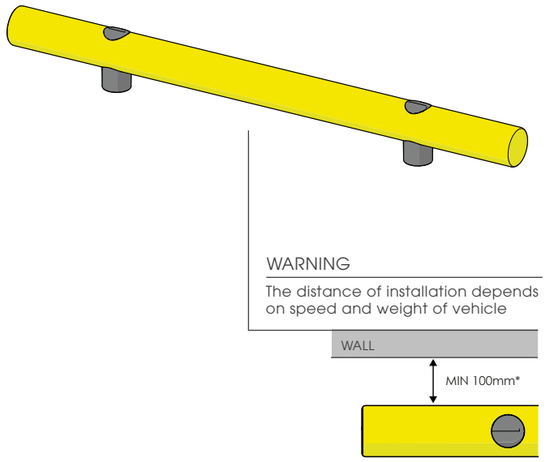
M16 GALVANIZED STEEL



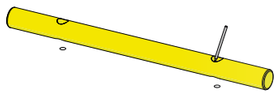
RESISTANT TO LOW TEMPERATURES

WITH EXPANSION SCREW

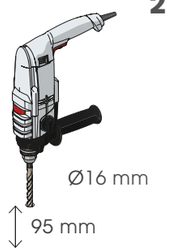




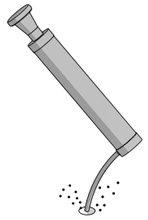
1



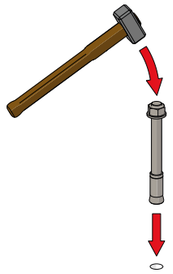
2



3



4



03 COLD LINE ROD FLOOR

ROD FLOOR 70

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



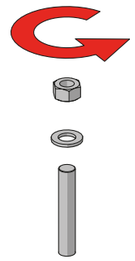
M16 GALVANIZED STEEL



RESISTANT TO LOW TEMPERATURES

WITH EXPANSION SCREW

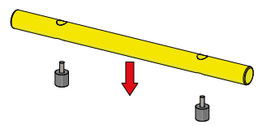
5



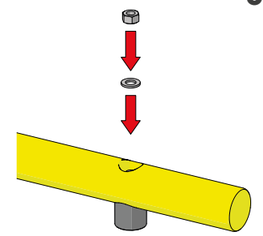
6



7

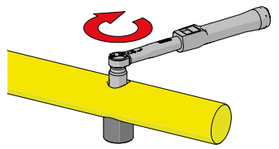


8

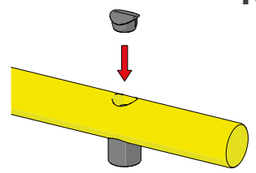


9

T=120Nm



10



clarity

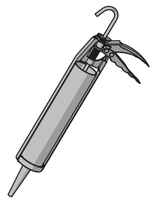
ROD FLOOR 70

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

-30°
RESISTANT TO LOW TEMPERATURES

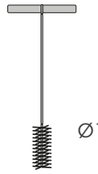
WITH RESIN

CHEMICAL ANCHOR

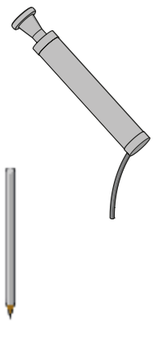


Ø18 mm

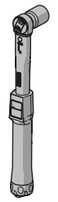


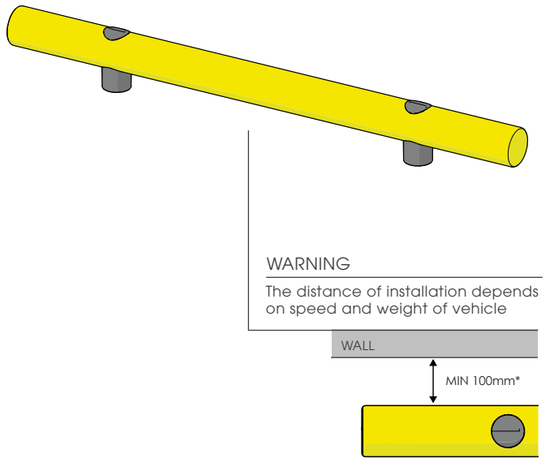


Ø18 mm



24





WARNING

The distance of installation depends on speed and weight of vehicle



SF20x 495 STAINLESS STEEL

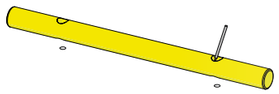


ANCHOR (FR)

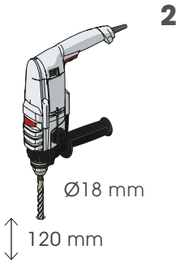


ANCHOR (NORDIC) Only for low temperatures

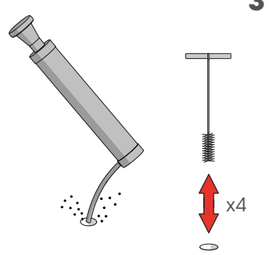
1



2



3



4



03 COLD LINE ROD FLOOR

ROD FLOOR 70

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

-30°
RESISTANT TO LOW TEMPERATURES

WITH RESIN



SF20x 495 STAINLESS STEEL

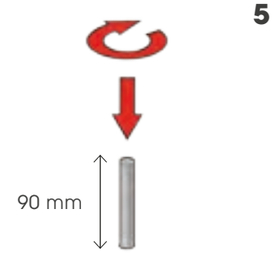


ANCHOR (FR)



ANCHOR (NORDIC) Only for low temperatures

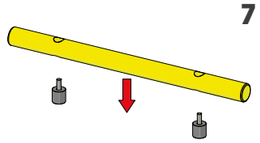
5



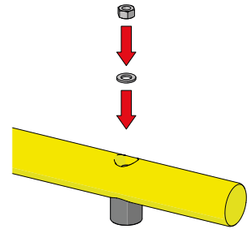
6



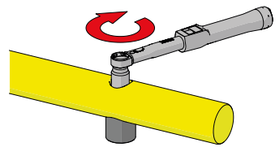
7



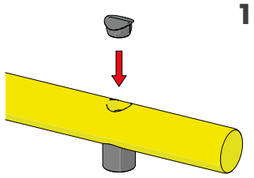
8



T=60Nm **9**



10

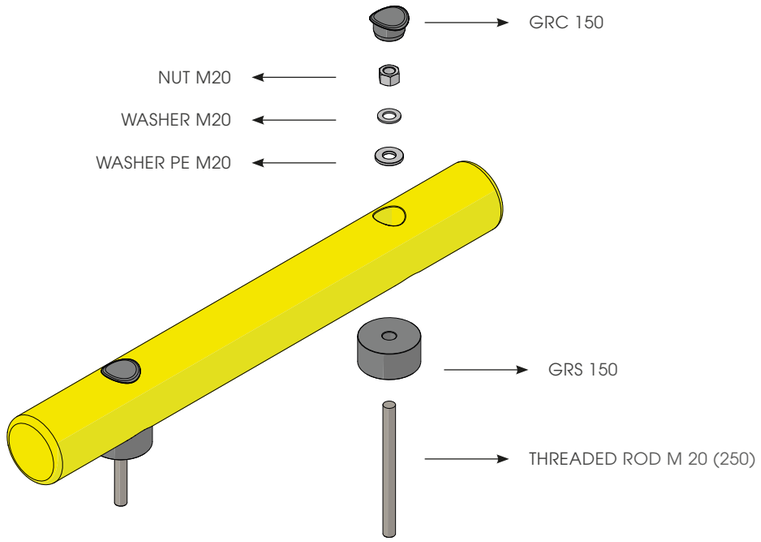


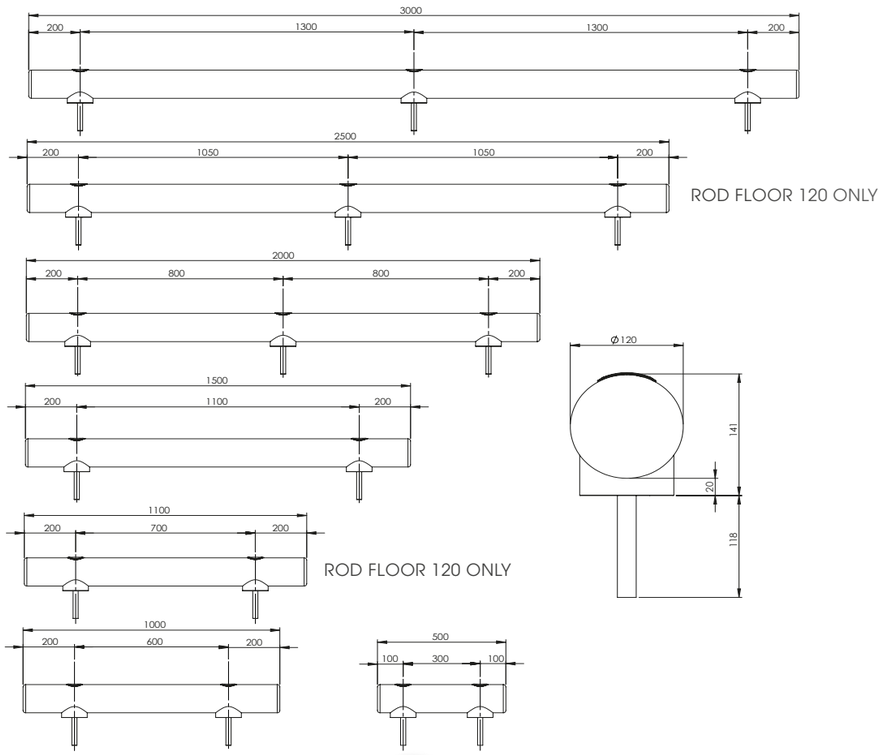
clarity

ROD FLOOR 100/120

BARRIERA SINGOLA
SINGLE-RAIL BARRIER

-30°
RESISTANT TO LOW TEMPERATURES





ROD FLOOR 100/120

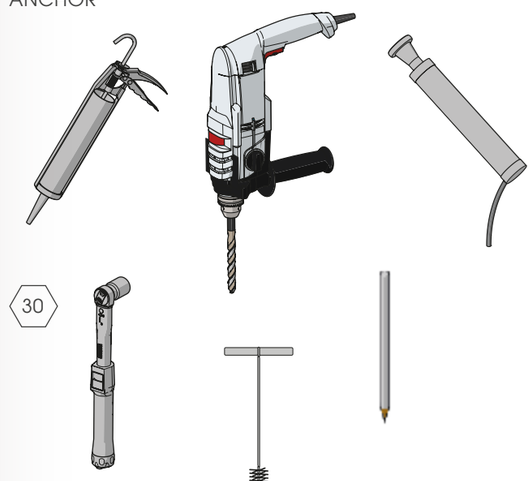
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

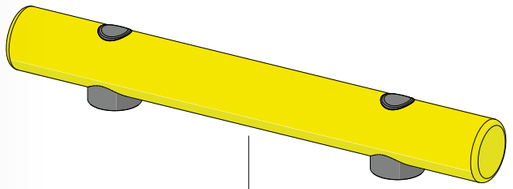
-30°
RESISTANT TO LOW TEMPERATURES

ONLY WITH RESIN

CHEMICAL ANCHOR

Ø24 mm





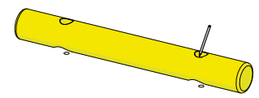


SF20x 495 STAINLESS STEEL

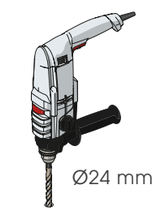
ANCHOR (FR)

ANCHOR (NORDIC) Only for low temperatures

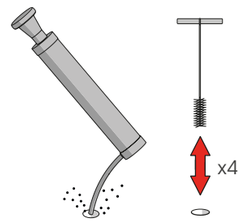
1



2

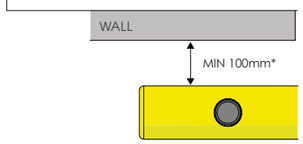


3

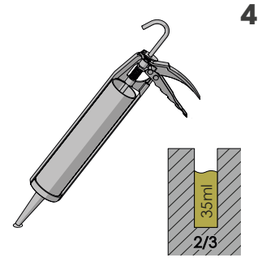


WARNING

The distance of installation depends on speed and weight of vehicle



4



ROD FLOOR 100/120

-30°
RESISTANT TO LOW TEMPERATURES

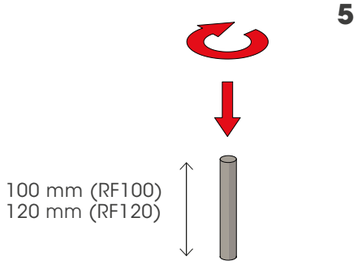
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

ONLY WITH RESIN

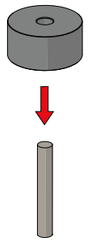


SF20x 495 **STAINLESS STEEL** | **ANCHOR (FR)** | **ANCHOR (NORDIC)** Only for low temperatures

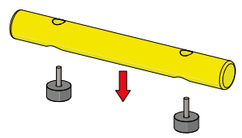
5



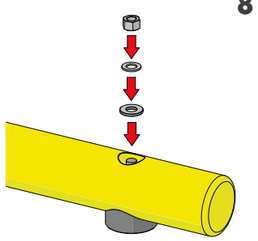
6



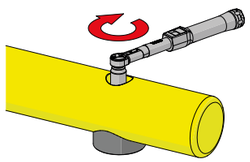
7



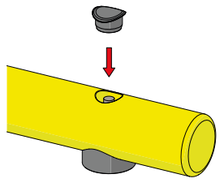
8



T=120Nm **9**



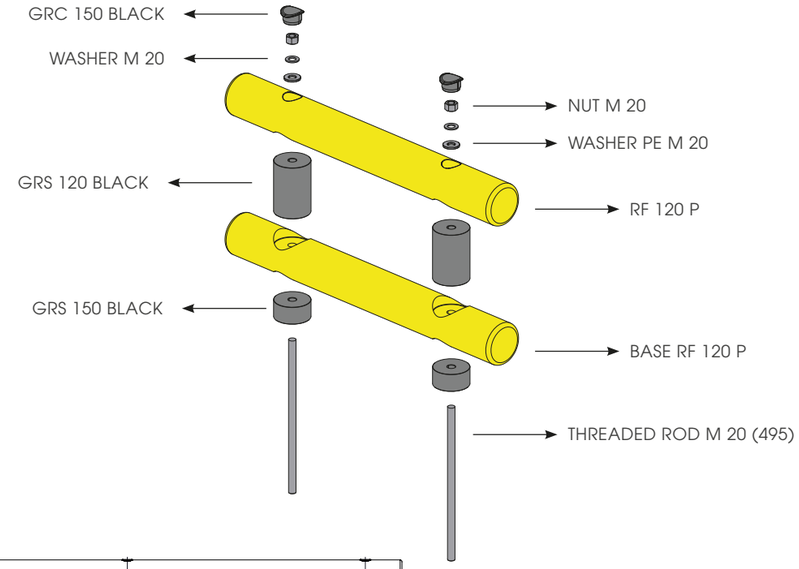
10

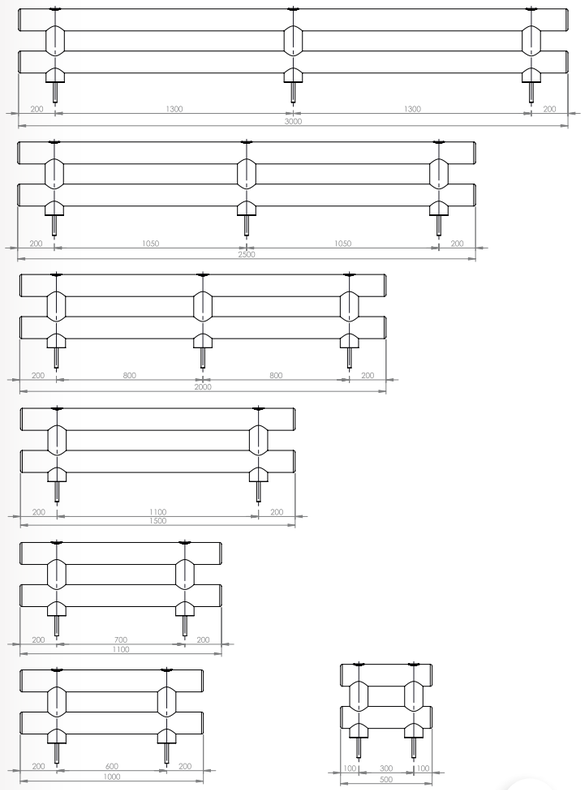


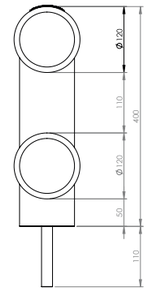
ROD FLOOR 120 DOUBLE

-30°
RESISTANT TO LOW TEMPERATURES

BARRIERA DOPPIA
DOUBLE-RAIL BARRIER







ROD FLOOR 120 DOUBLE


SF20x 495
STAINLESS STEEL



ANCHOR
(FR)



ANCHOR
(NORDIC)
Only for low
temperatures



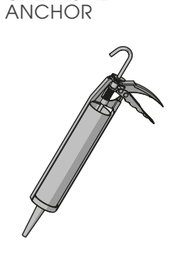
RESISTANT TO
LOW TEMPERATURES

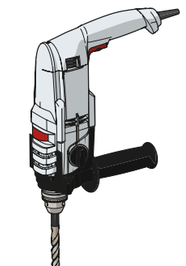
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

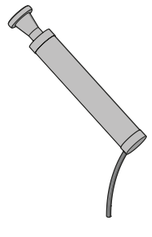
ONLY WITH RESIN

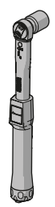
CHEMICAL
ANCHOR

Ø24 mm



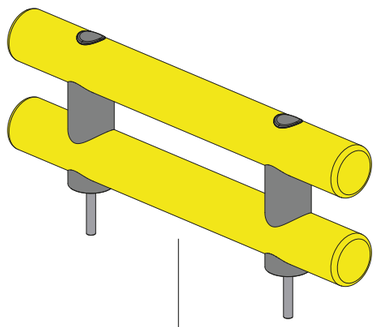






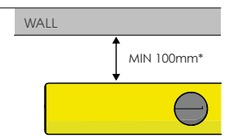


Ø24 mm

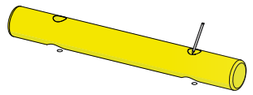


WARNING

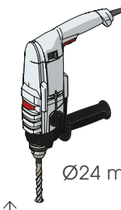
The distance of installation depends
on speed and weight of vehicle



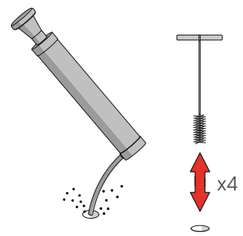
1



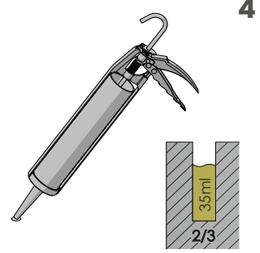
2



3



4



ROD FLOOR 120 DOUBLE


SF20x 495
STAINLESS STEEL



ANCHOR
(FR)



ANCHOR
(NORDIC)
Only for low
temperatures

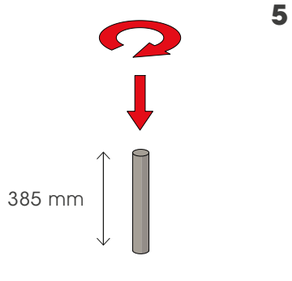


RESISTANT TO
LOW TEMPERATURES

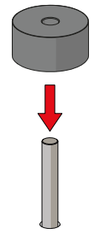
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

ONLY WITH RESIN

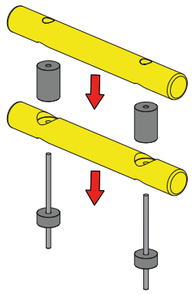
5



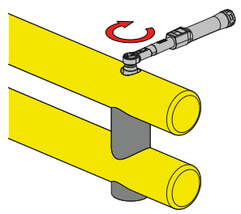
6



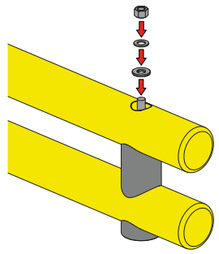
7



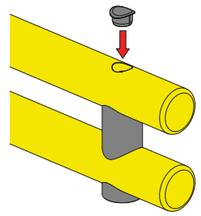
T=120Nm **9**



8



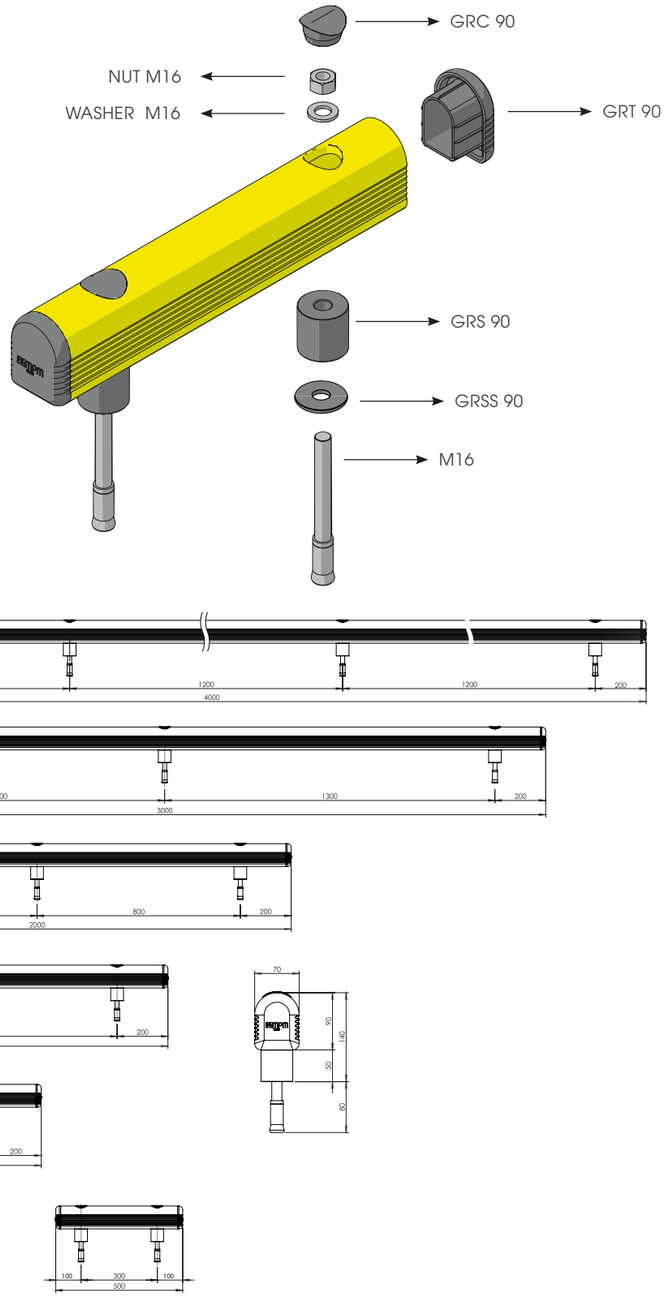
10



GR 90

BARRIERA SINGOLA
SINGLE-RAIL BARRIER

LIGHT LOAD / FOR HAND PALLET TRUCKS



GR 90

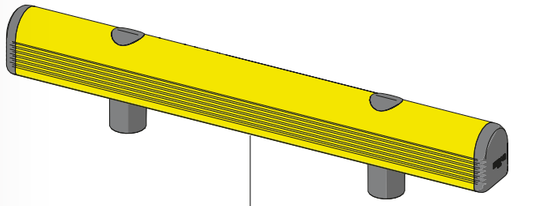
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



M16 GALVANISED STEEL

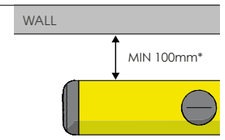
WITH EXPANSION SCREW





WARNING

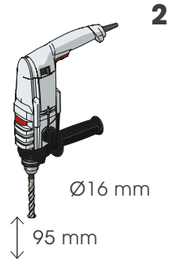
The distance of installation depends on speed and weight of vehicle



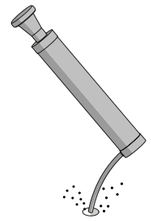
1



2



3



4



GR 90

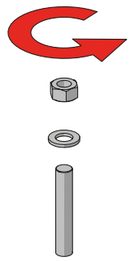
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



M16 GALVANISED STEEL

WITH EXPANSION SCREW

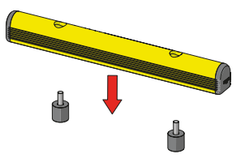
5



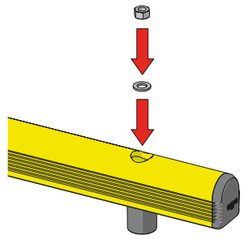
6



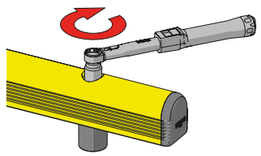
7



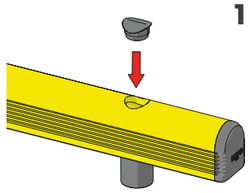
8



T=120Nm **9**



10



GR 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



SF16 INOX



ANCHOR (FR)

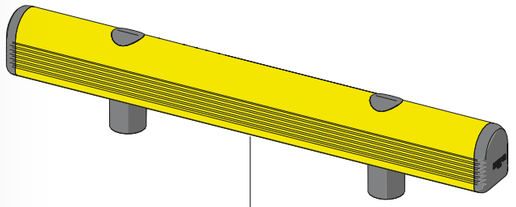
WITH RESIN

CHEMICAL ANCHOR

Ø18 mm

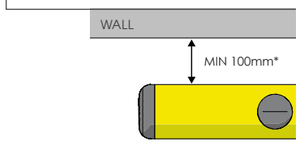


24

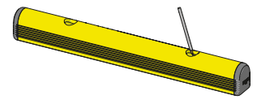


WARNING

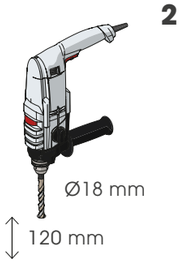
The distance of installation depends on speed and weight of vehicle



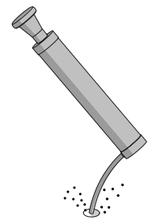
1



2



3



4



GR 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



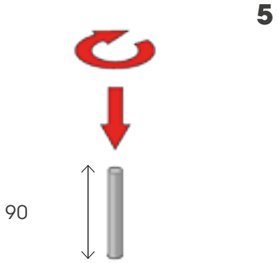
SF16 **INOX**



ANCHOR (FR)

WITH RESIN

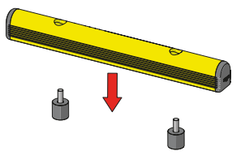
5



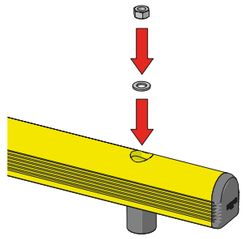
6



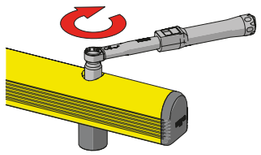
7



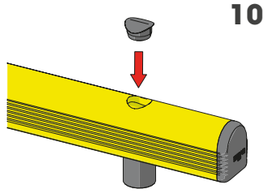
8



T=60Nm **9**



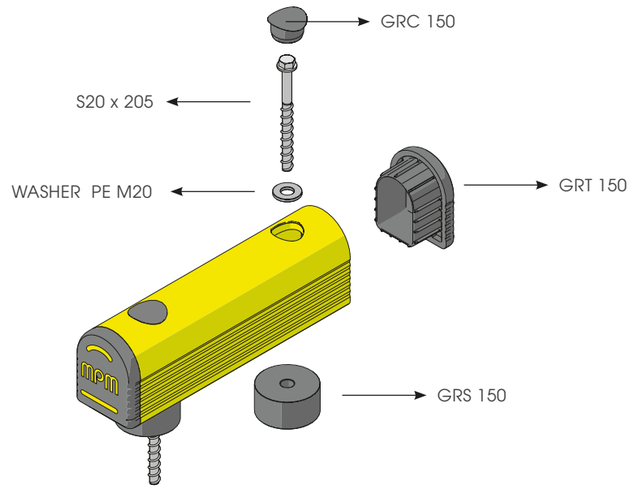
10

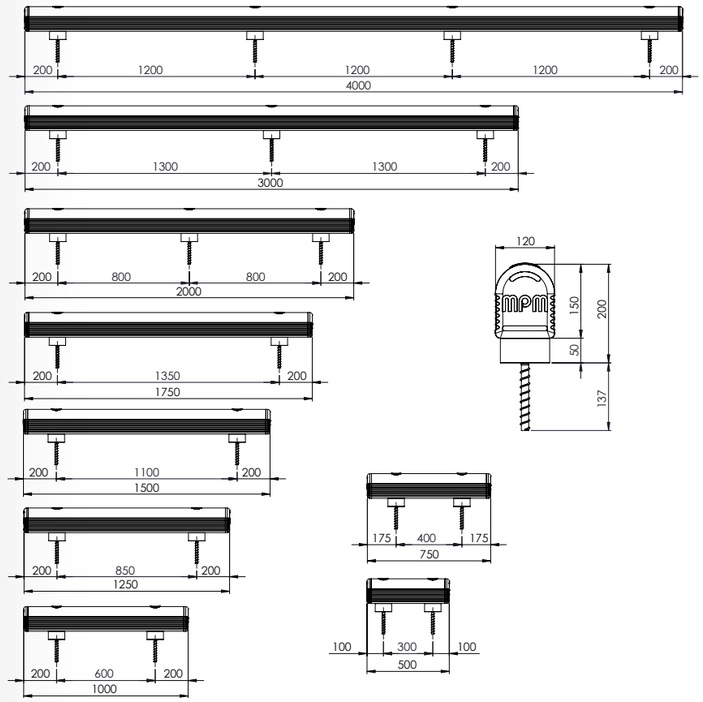


GR 150

BARRIERA SINGOLA
SINGLE-RAIL BARRIER

HEAVY LOAD / FOR FORKLIFTS

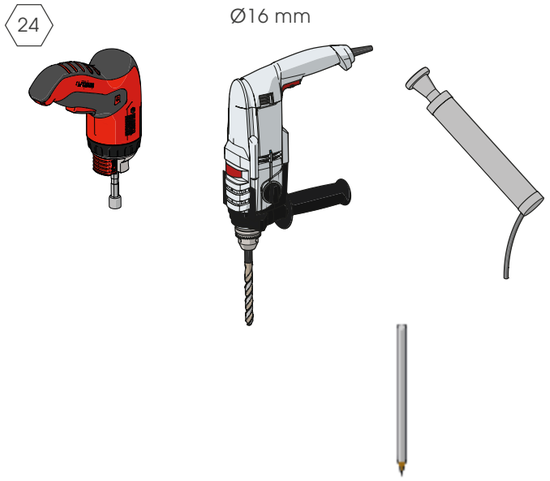




clarity

GR 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

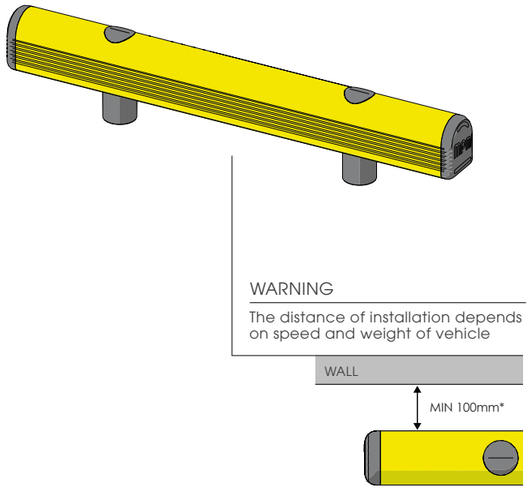


1

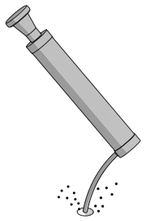


2

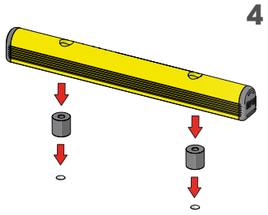




3



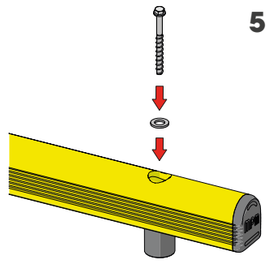
4



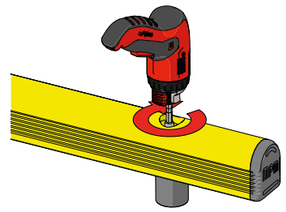
GR 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

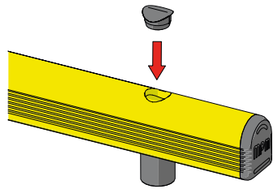
5



6



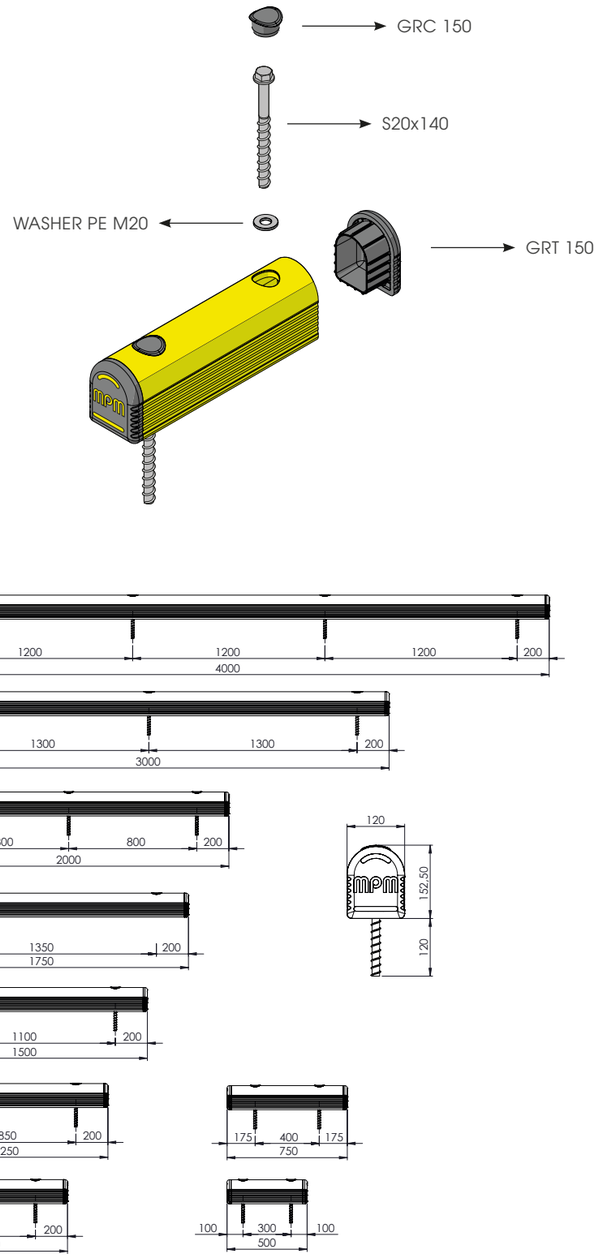
7



clarity

TRUCK LINE

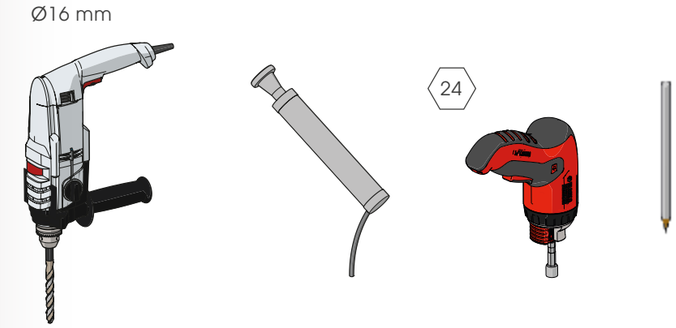
HEAVY LOAD / FOR FORKLIFTS



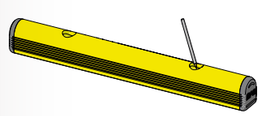
TRUCK LINE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

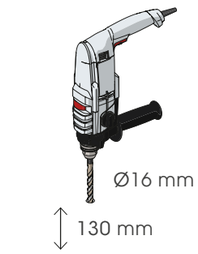
WARNING
The distance of installation depends on speed and weight of vehicle



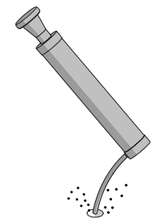
1



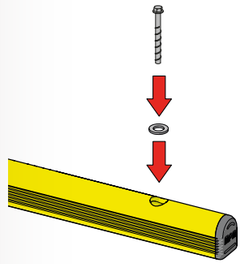
2



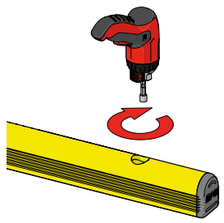
3



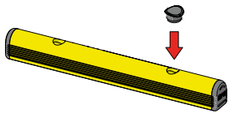
4



5



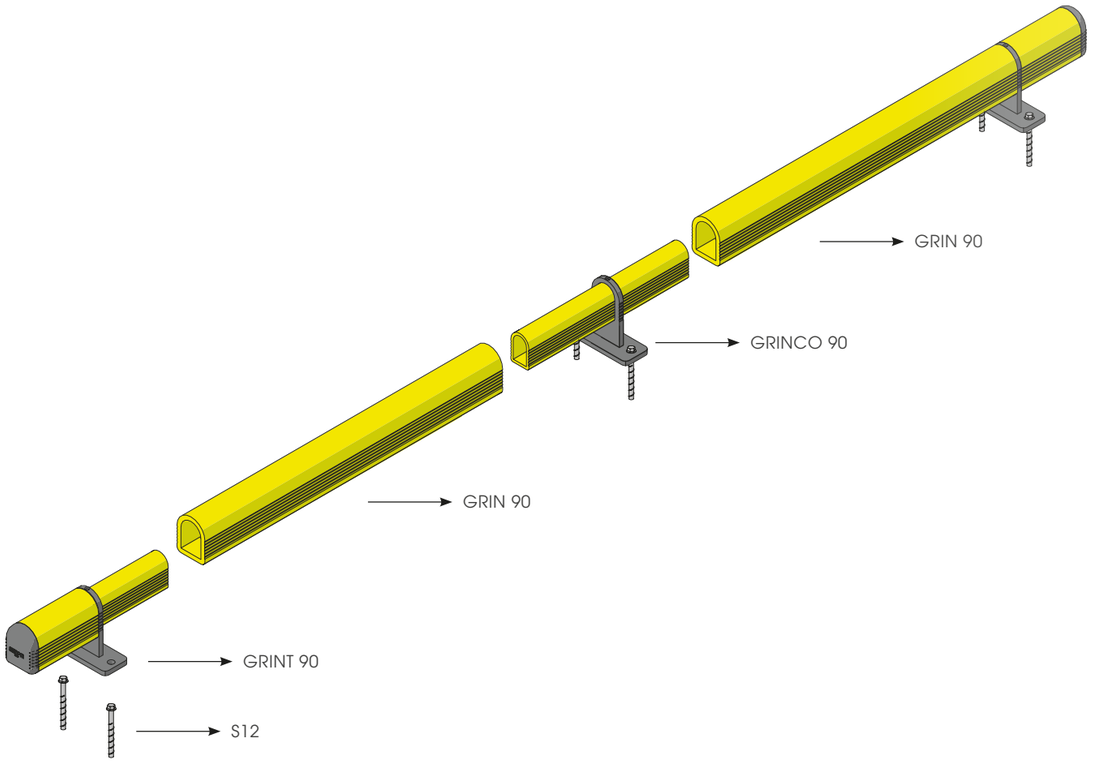
6

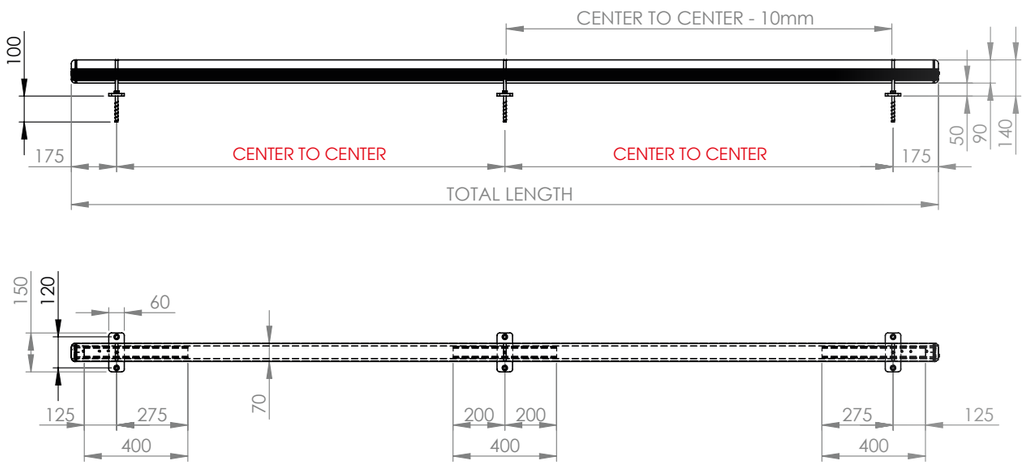


GRIN 90

GUARD RAIL CONTINUO
CONTINOUS GUARD RAIL

LIGHT LOAD / FOR HAND PALLET TRUCKS



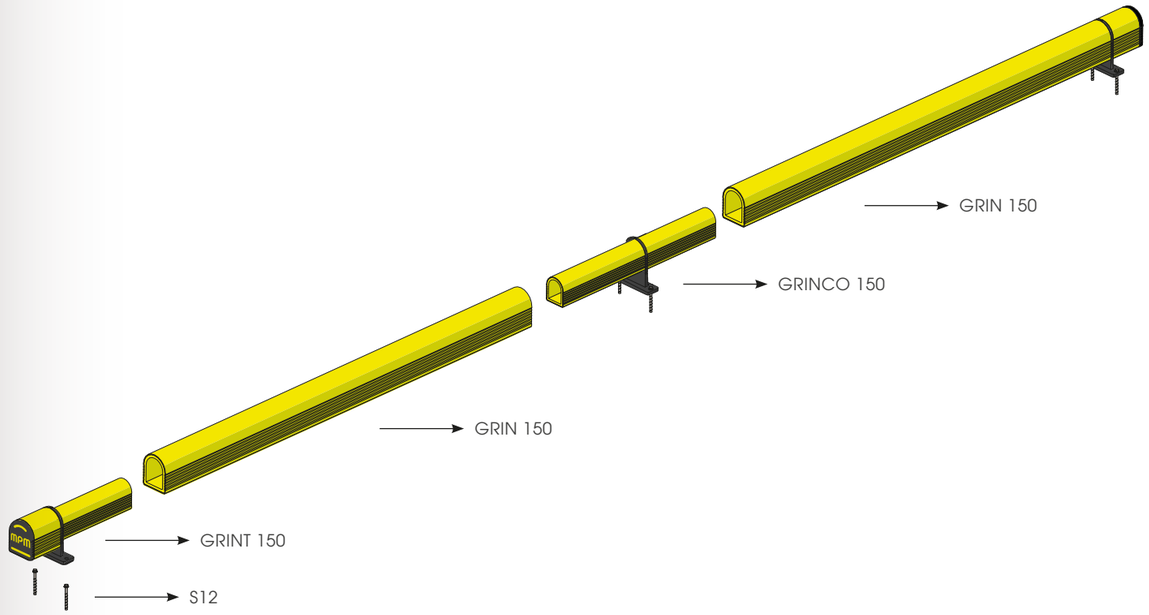


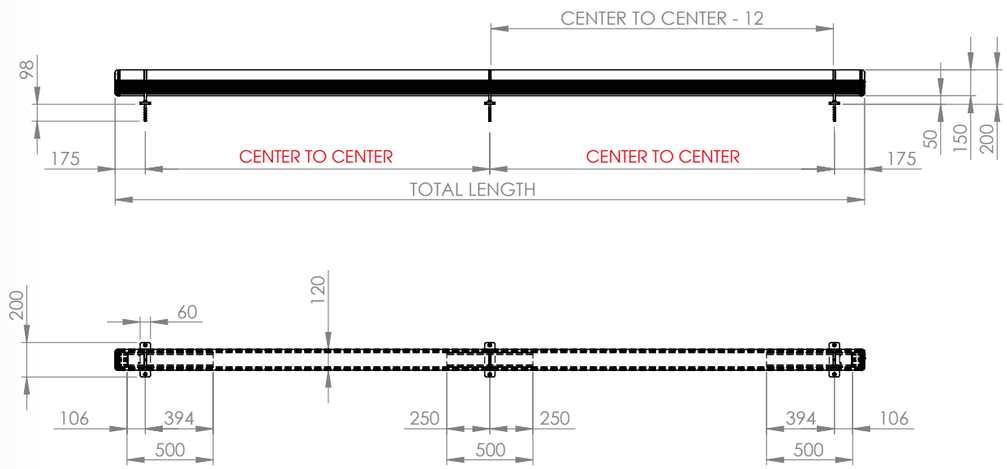
GRIN 150

GUARD RAIL CONTINUO
CONTINOUS GUARD RAIL

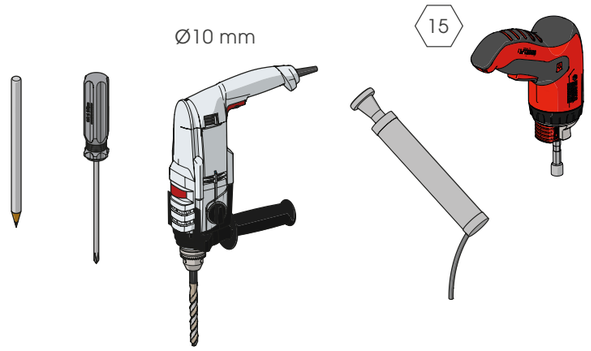
IMPACT TEST PASSED
according to
AFNORNP P98-310

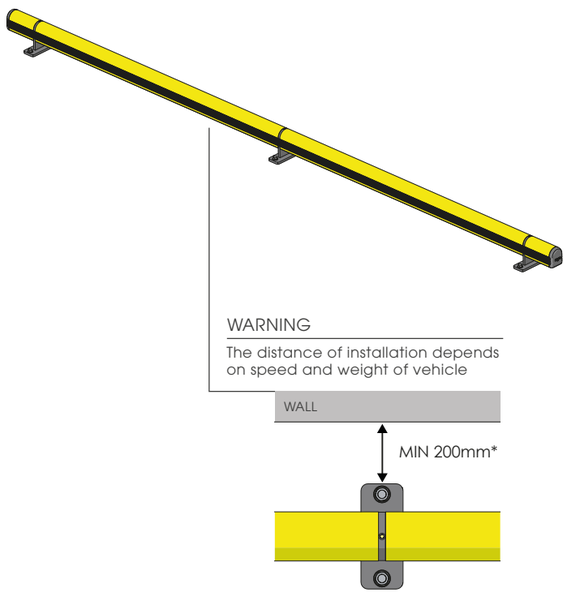
HEAVY LOAD / FOR FORKLIFTS



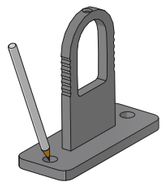


GRIN 90/150





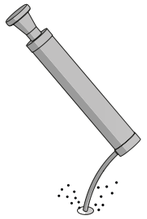
1



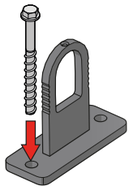
2



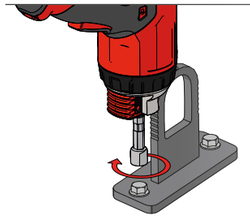
3



4



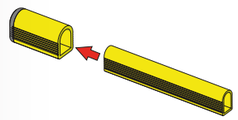
5



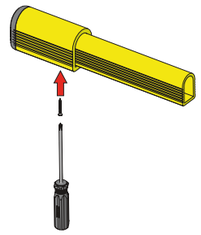
GRIN 90/150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

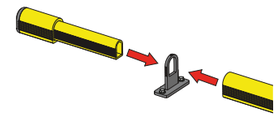
6



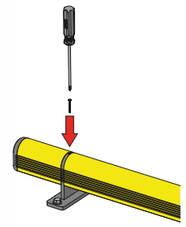
7



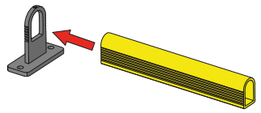
8



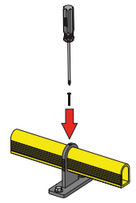
9



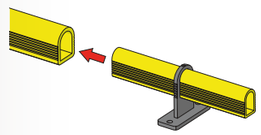
10



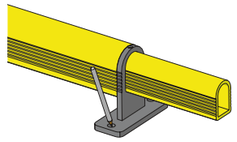
11



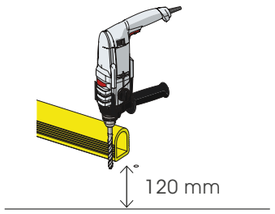
12



13



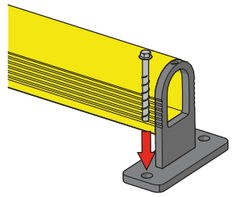
14



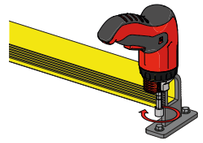
15



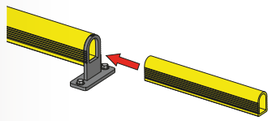
16



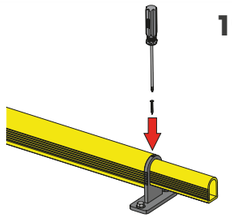
17



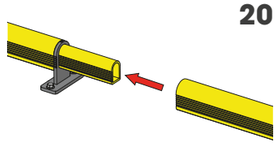
18



19



20

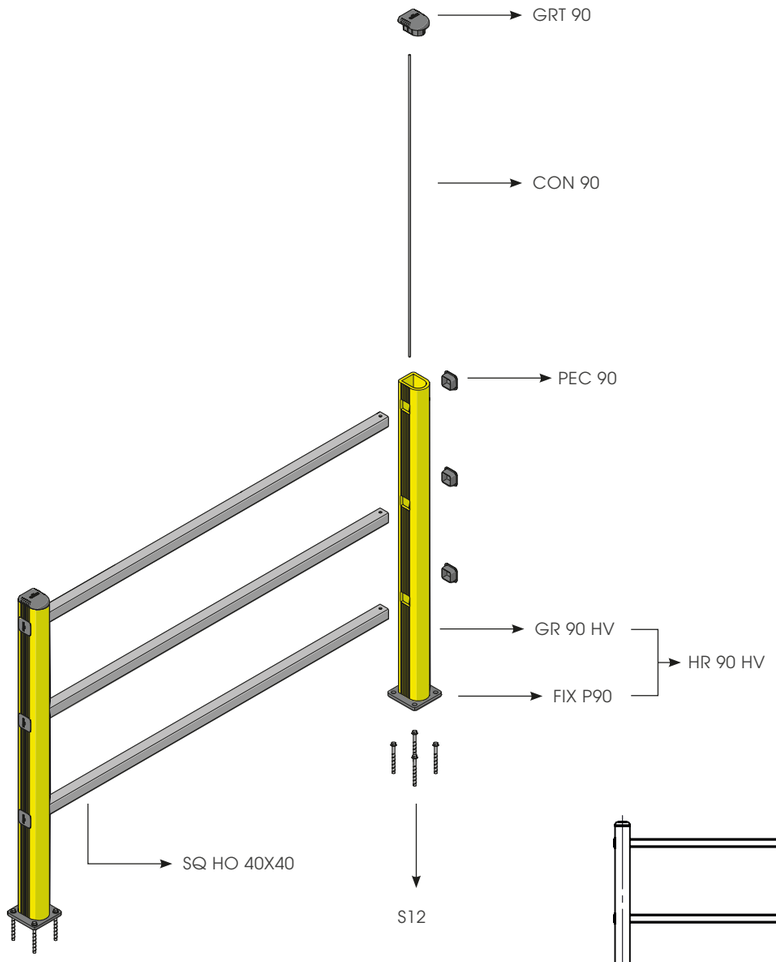


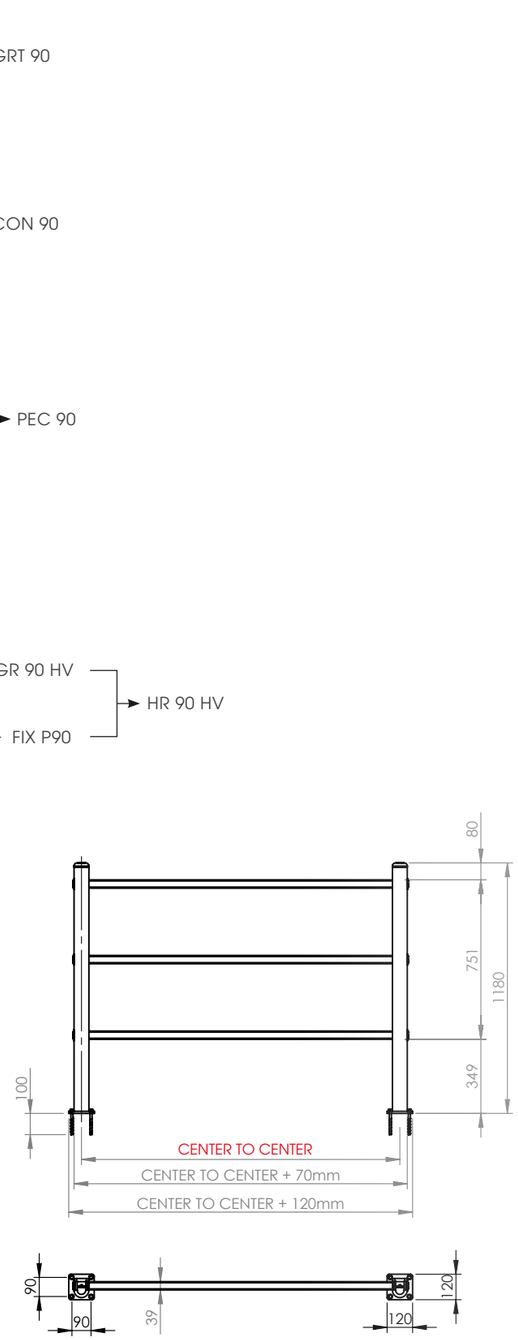
clarity

HR 90

BARRIERA PEDONALE
HAND RAIL BARRIER

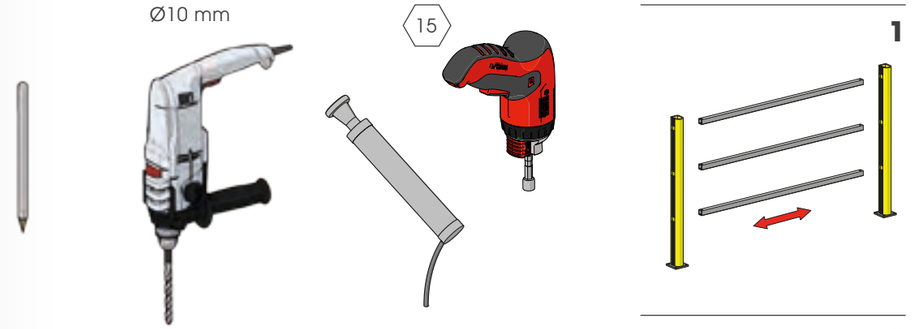
LIGHT LOAD / FOR HAND PALLET TRUCKS



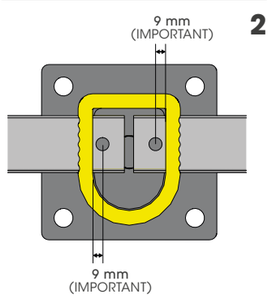


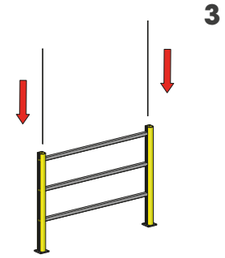
HR 90

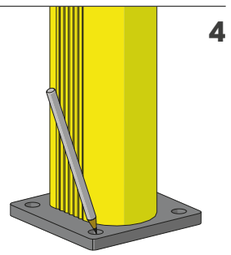
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS







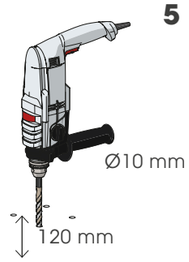




HR 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

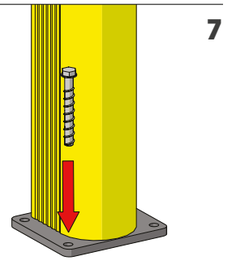
5



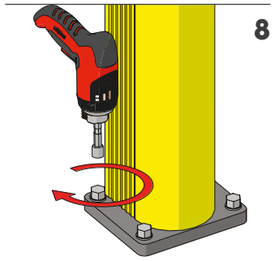
6



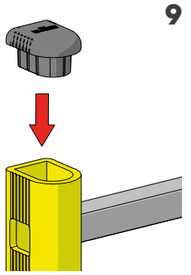
7



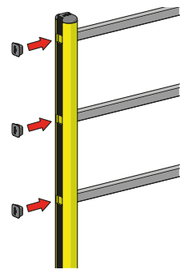
8



9



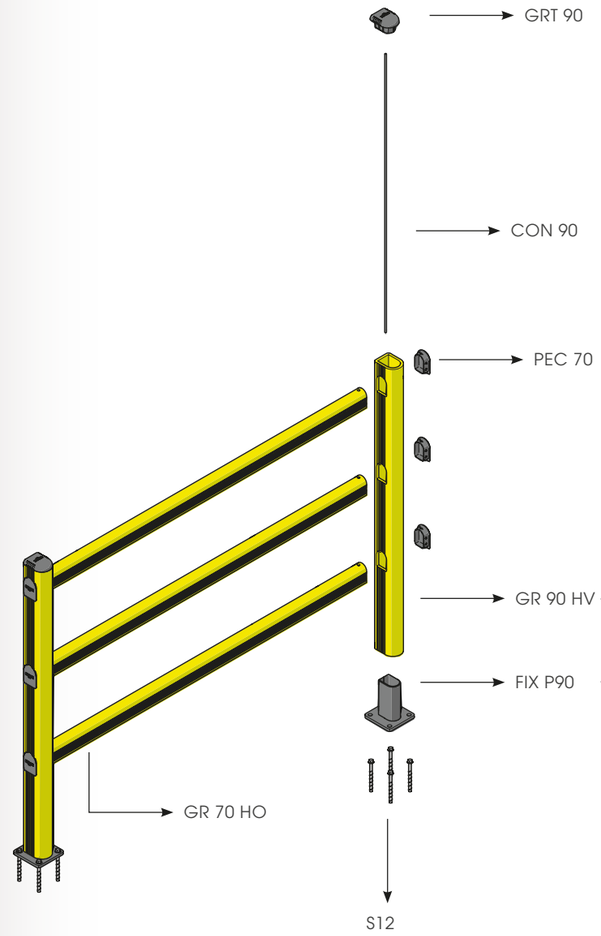
10

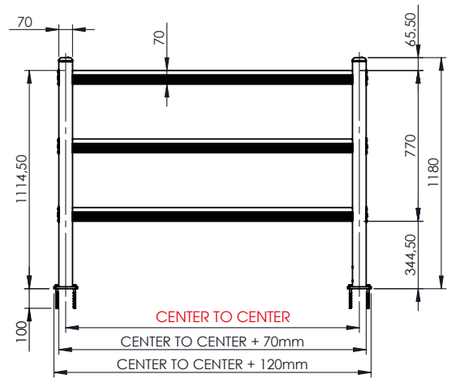


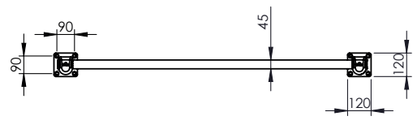
PED 90

BARRIERA DI SICUREZZA
SAFETY BARRIER

LIGHT LOAD / FOR HAND PALLET TRUCKS



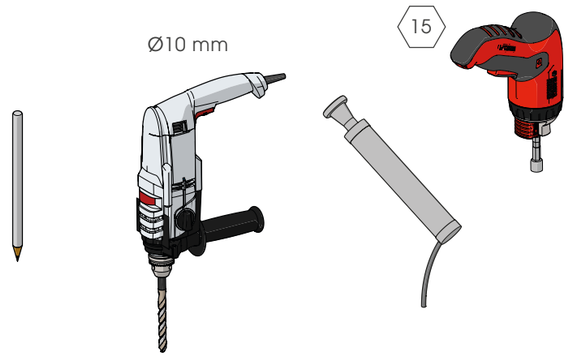


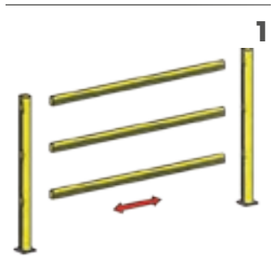


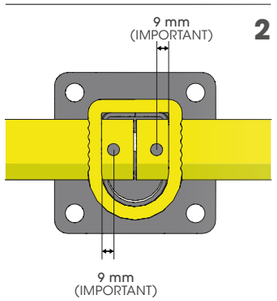
clarity

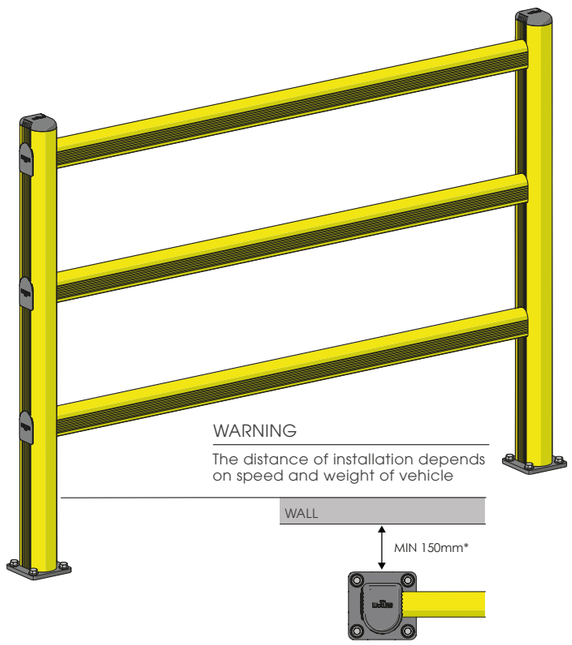
PED 90

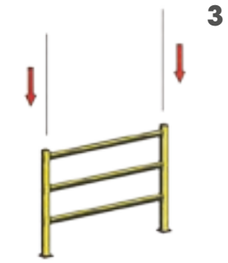
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

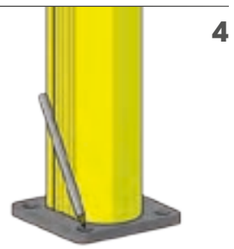








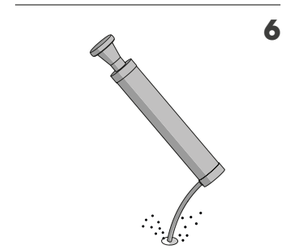


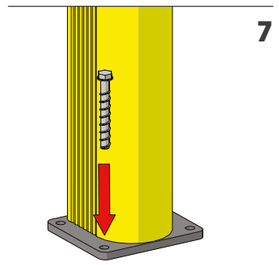


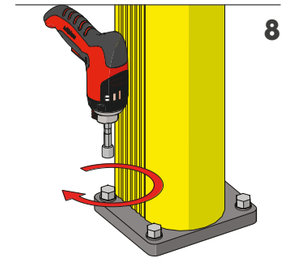
PED 90

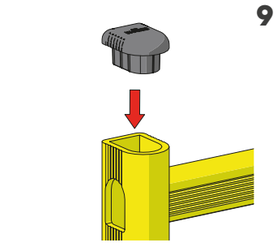
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

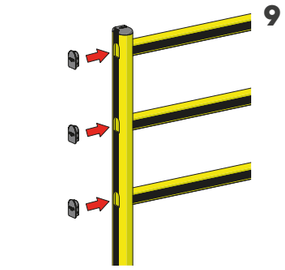








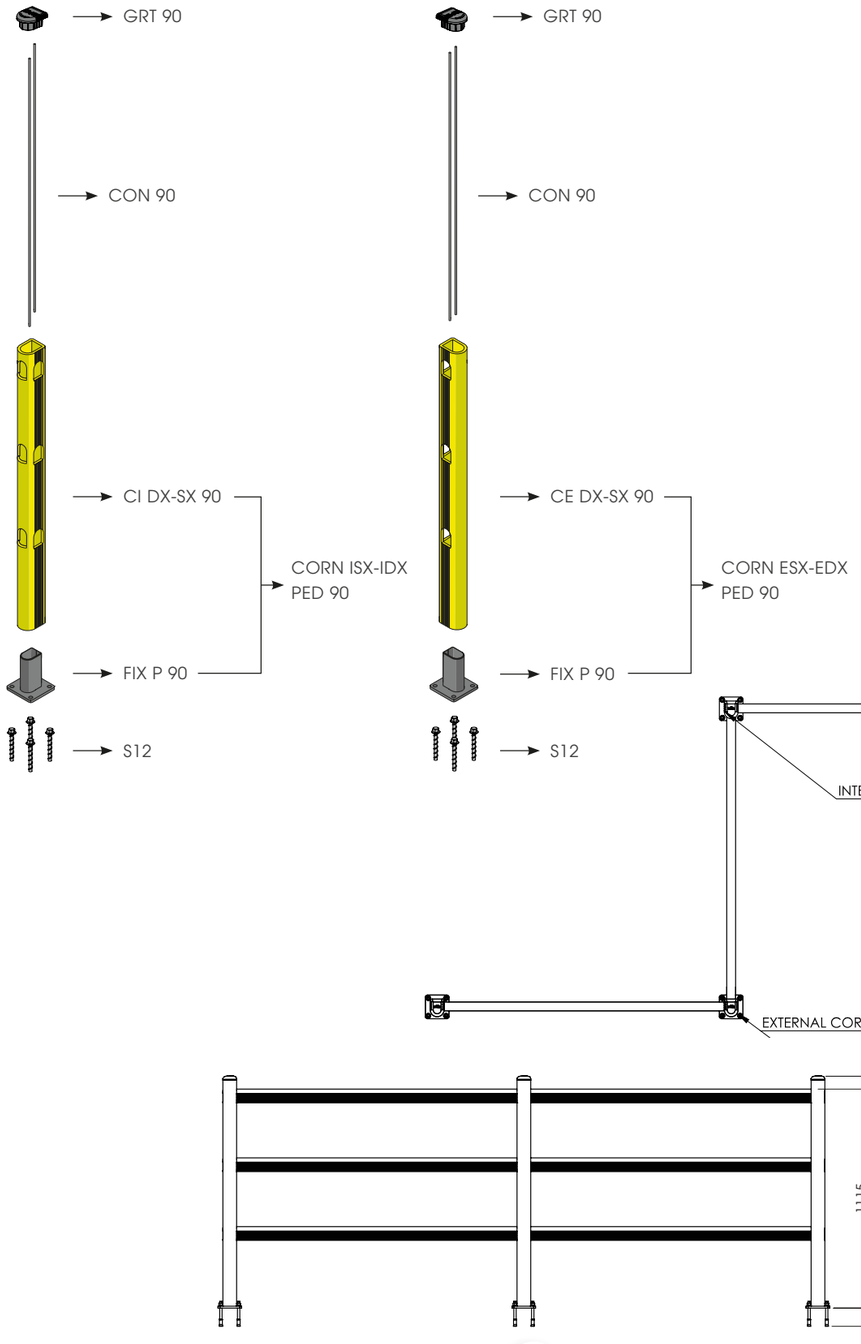




CORNER PED 90

BARRIERA DI SICUREZZA
SAFETY BARRIER

LIGHT LOAD / FOR HAND PALLET TRUCKS

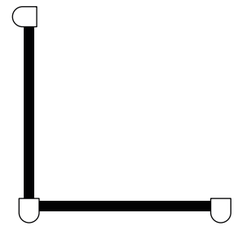


CORNER PED 90

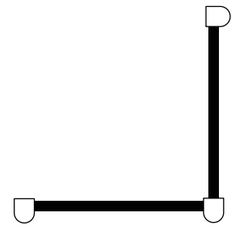
BARRIERA DI SICUREZZA
SAFETY BARRIER

PLEASE CHECK HERE BELOW
WHICH POSITION OF THE CORNER YOU NEED

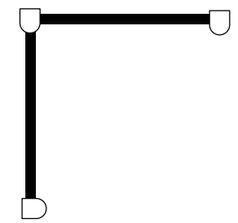
☐ EXTERNAL SX (L)



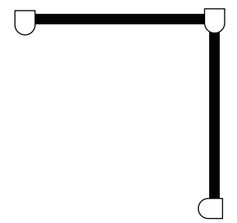
☐ EXTERNAL DX (R)



☐ INTERNAL SX (L)



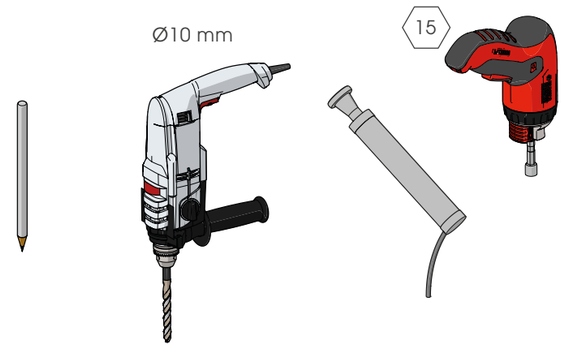
☐ INTERNAL DX (R)

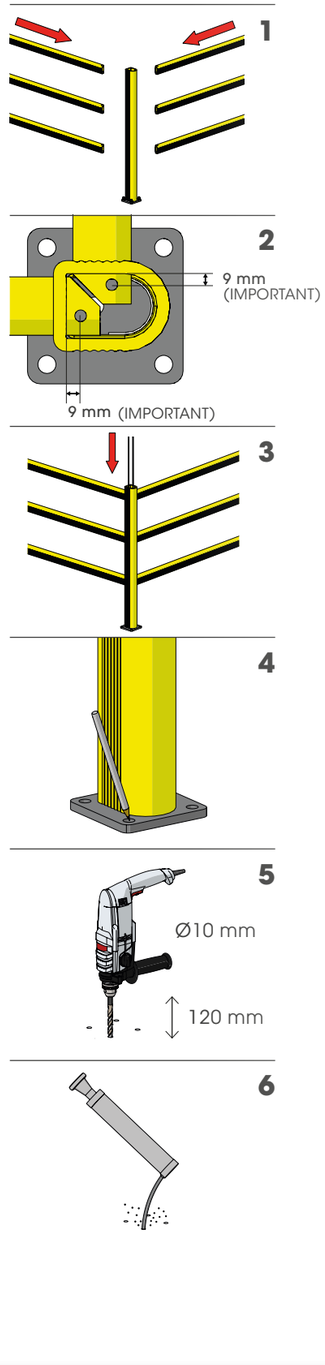


clarity

CORNER PED 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

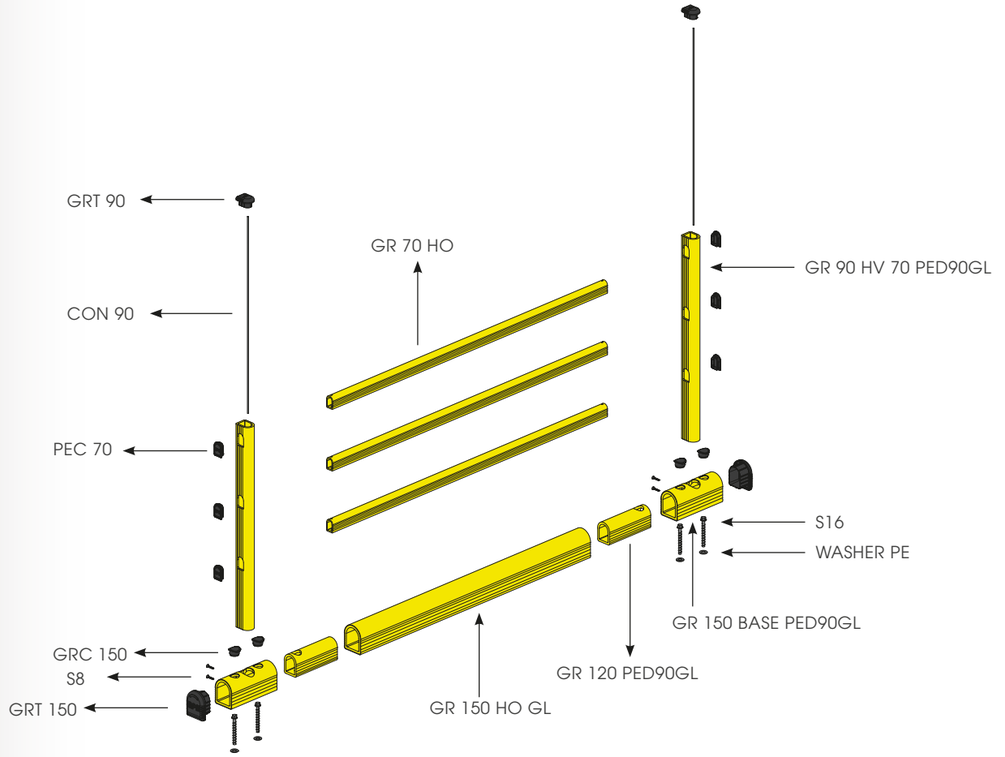


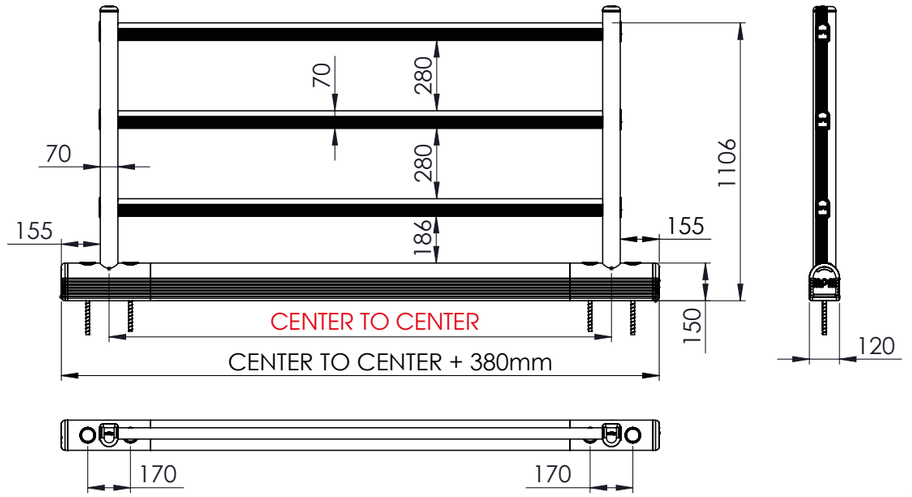


PED 90 GL REF

HEAVY LOAD / FOR FORKLIFTS

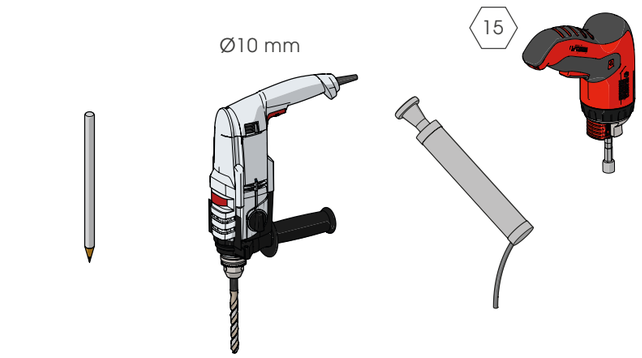
BARRIERA DI SICUREZZA
SAFETY BARRIER

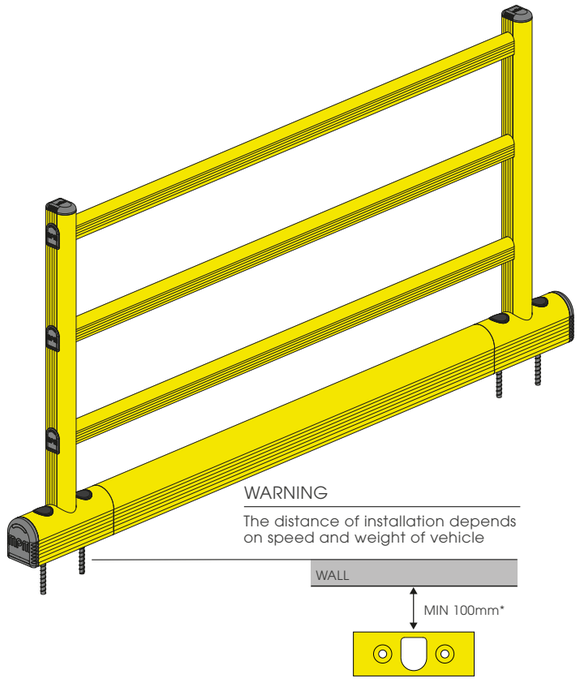




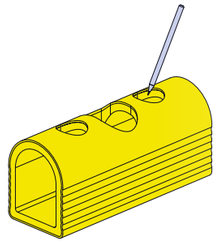
PED 90 GL REF

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

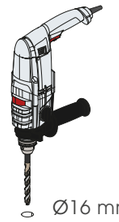




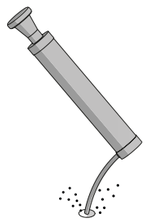
1



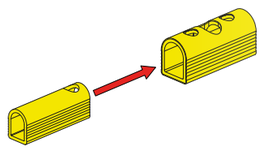
2



3



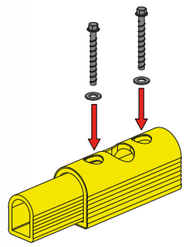
4



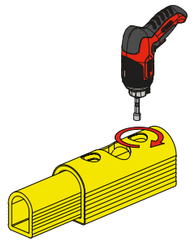
PED 90 GL REF

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

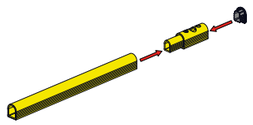
5



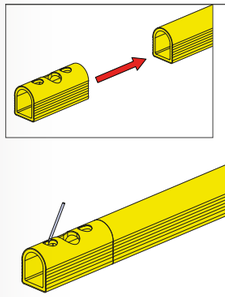
6



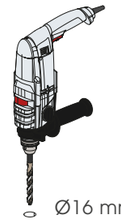
7



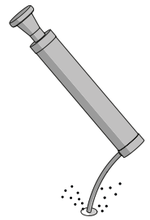
8



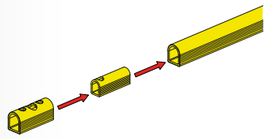
9



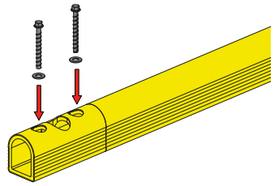
10



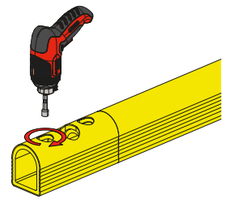
11



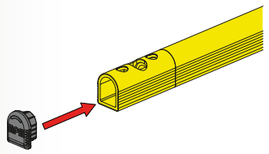
12



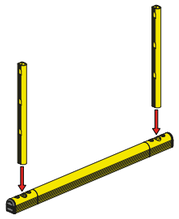
13



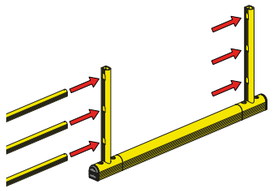
14



15



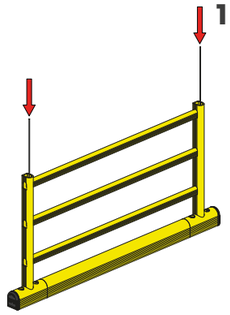
16



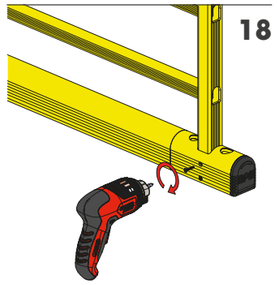
PED 90 GL REF

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

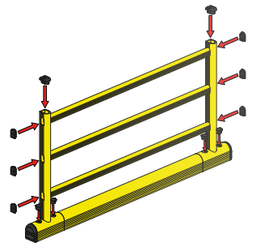
17



18



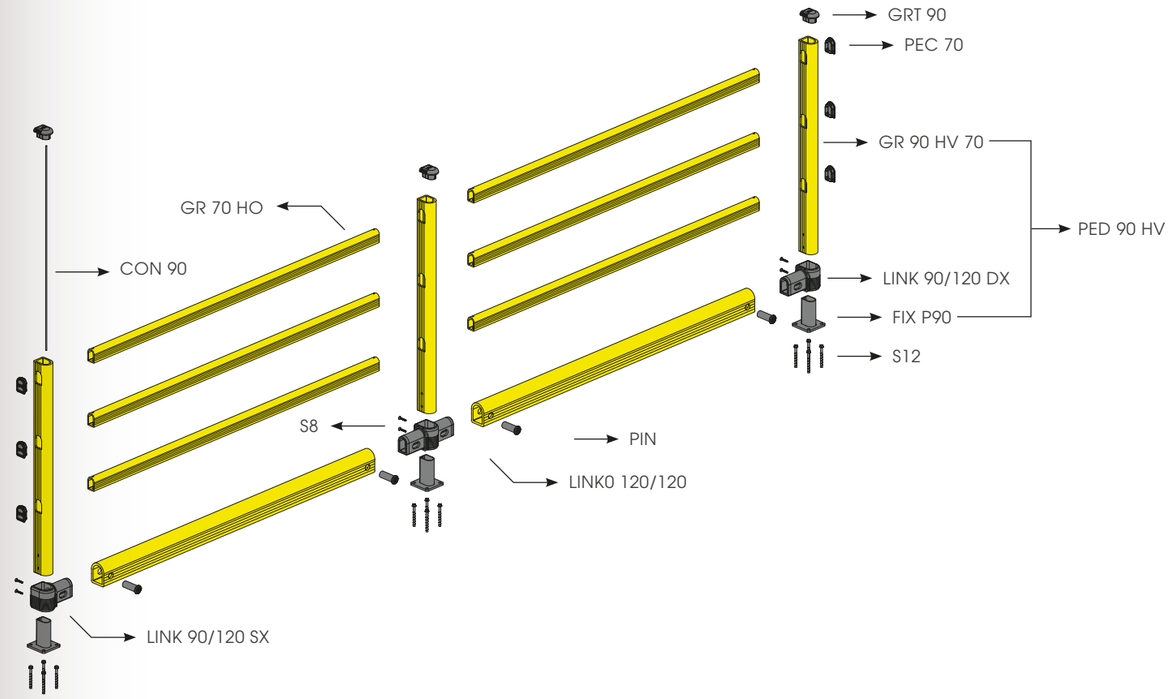
19

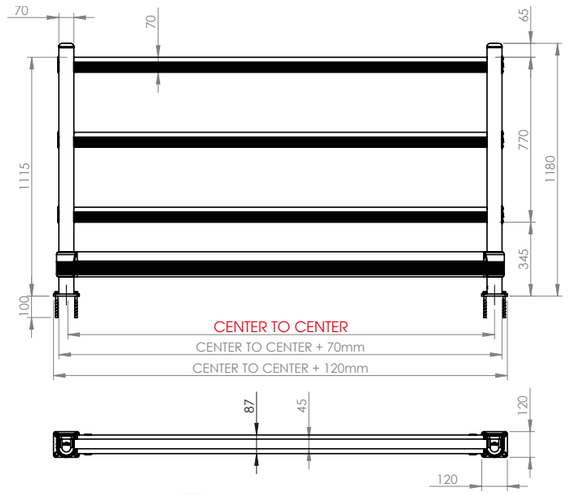


PED 90 LINK

BARRIERA DI SICUREZZA
SAFETY BARRIER

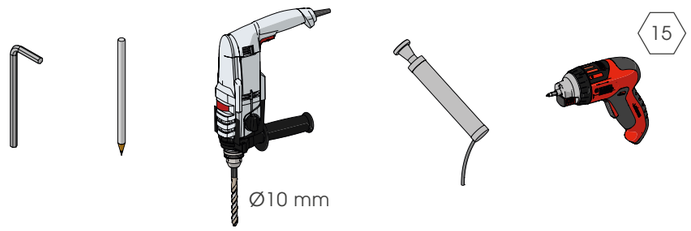
HEAVY LOAD / FOR FORKLIFTS





PED 90 LINK

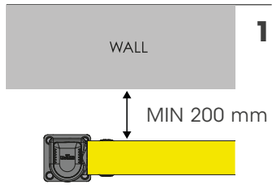
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



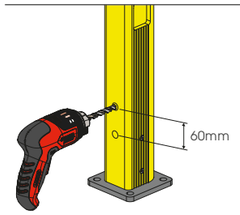
WARNING

The distance of installation depends on speed and weight of vehicle

1



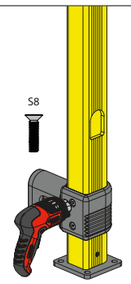
2



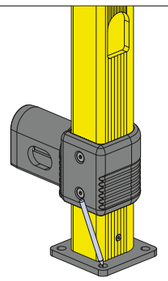
3



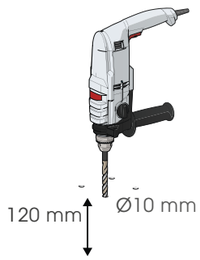
4



5



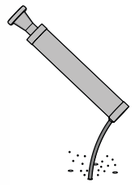
6



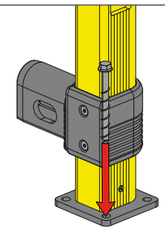
PED 90 LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

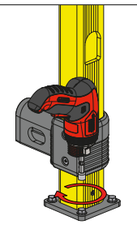
7



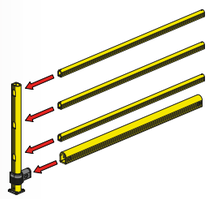
8



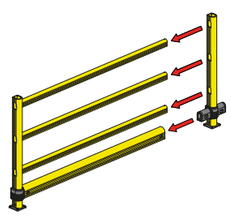
9



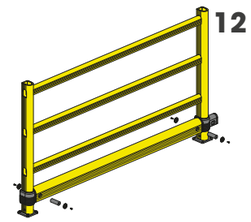
10



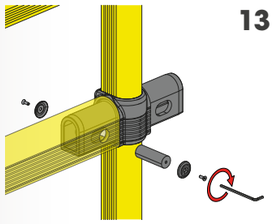
11



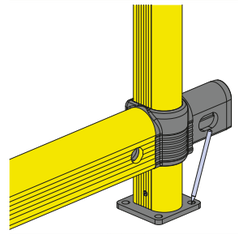
12



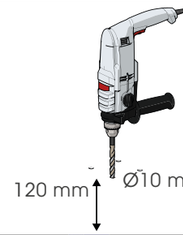
13



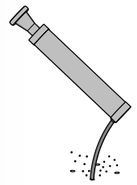
14



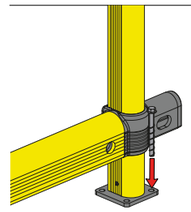
15



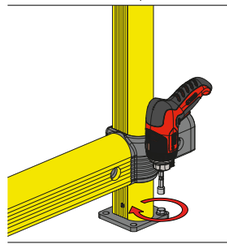
16



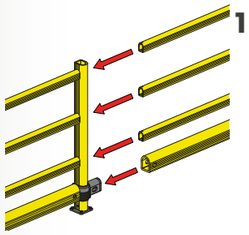
17



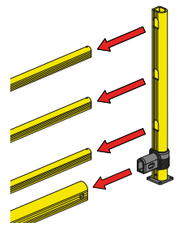
18



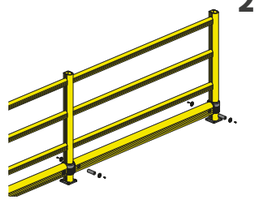
19



20



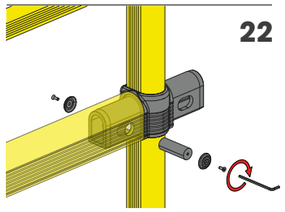
21



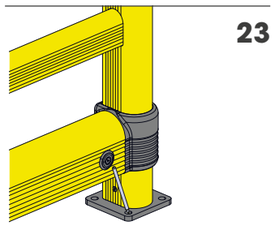
PED 90 LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

22



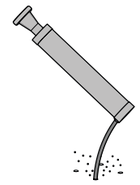
23



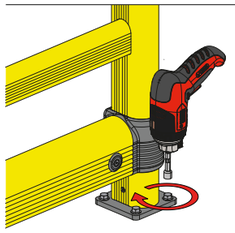
24



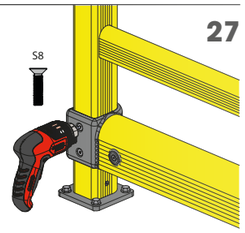
25



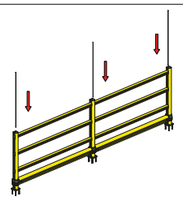
26



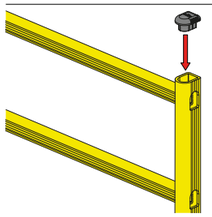
27



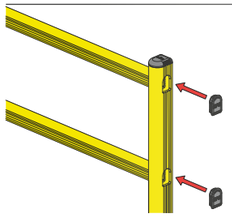
28



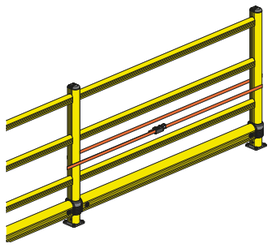
29



30



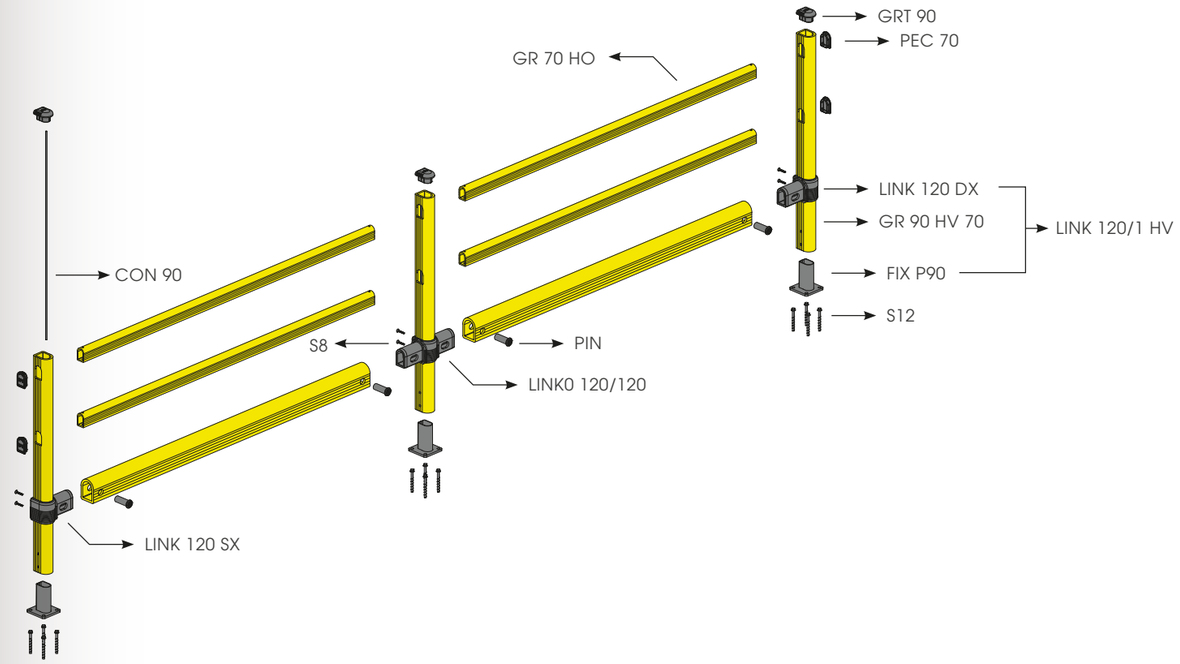
INSTALLATION TIP

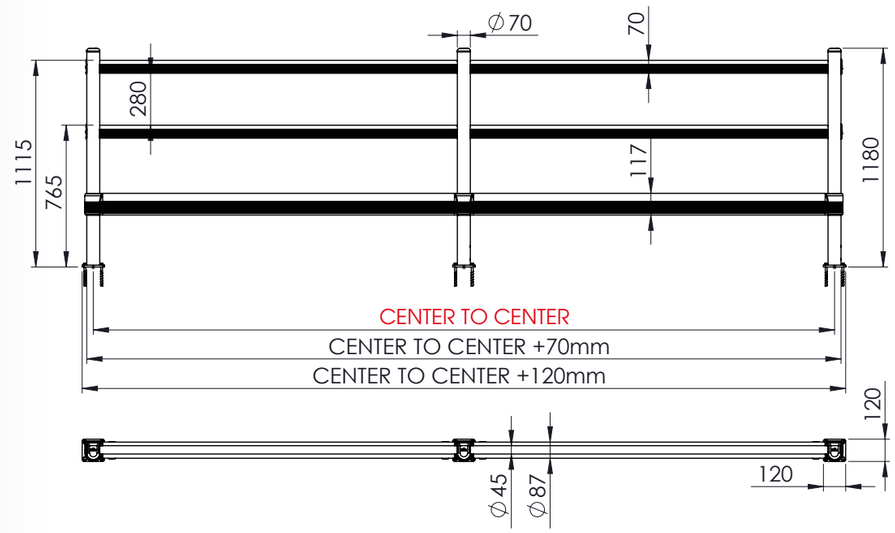


LINK 120/1

BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER

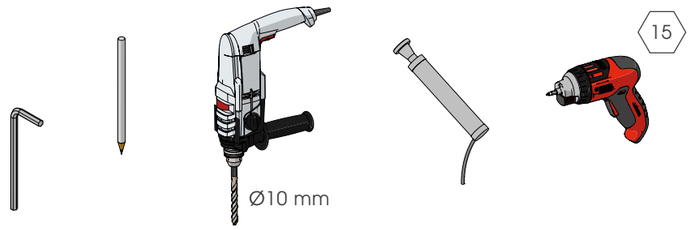
HEAVY LOAD / FOR FORKLIFTS





LINK 120/1

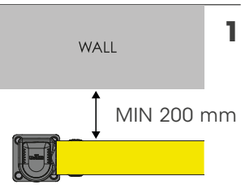
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



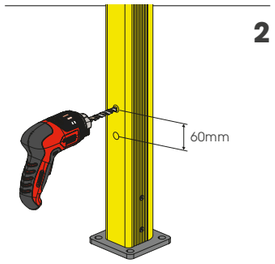
WARNING

The distance of installation depends on speed and weight of vehicle

1



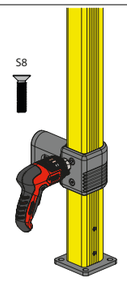
2



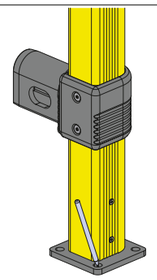
3



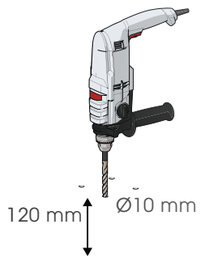
4



5



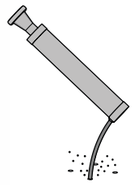
6



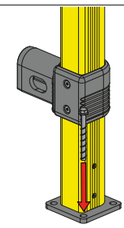
LINK 120/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

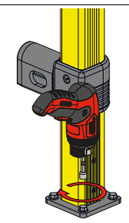
7



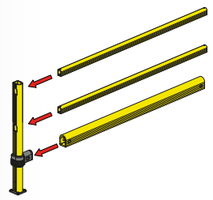
8



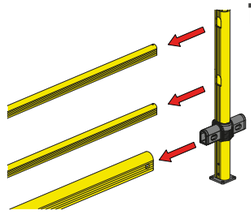
9



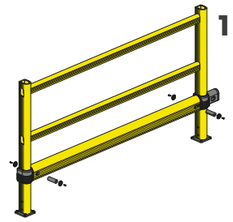
10



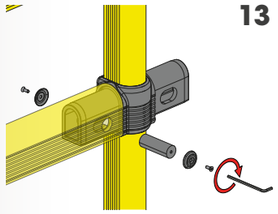
11



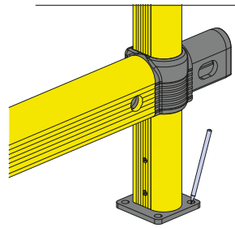
12



13



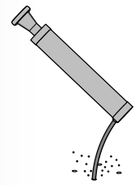
14



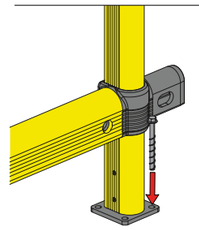
15



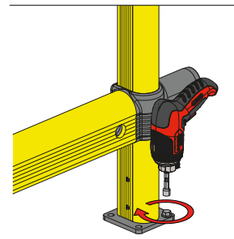
16



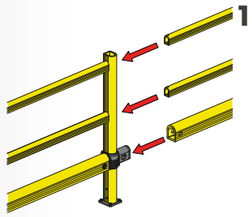
17



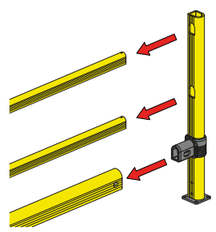
18



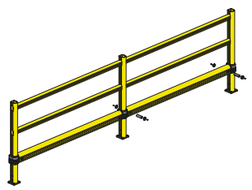
19



20



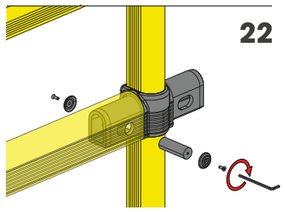
21



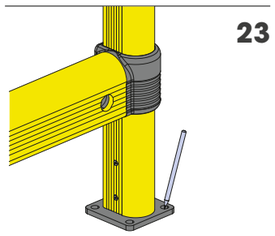
LINK 120/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

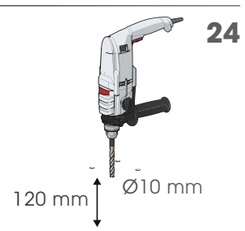
22



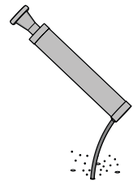
23



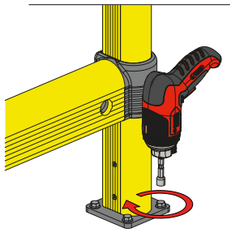
24



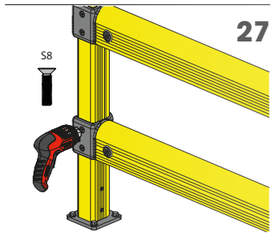
25



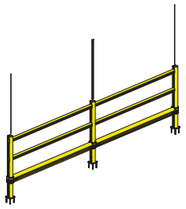
26



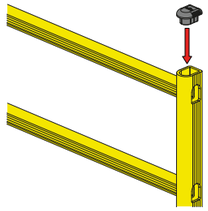
27



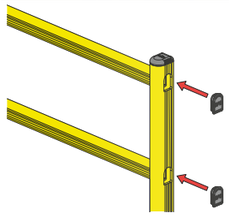
28



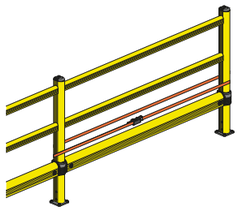
29



30



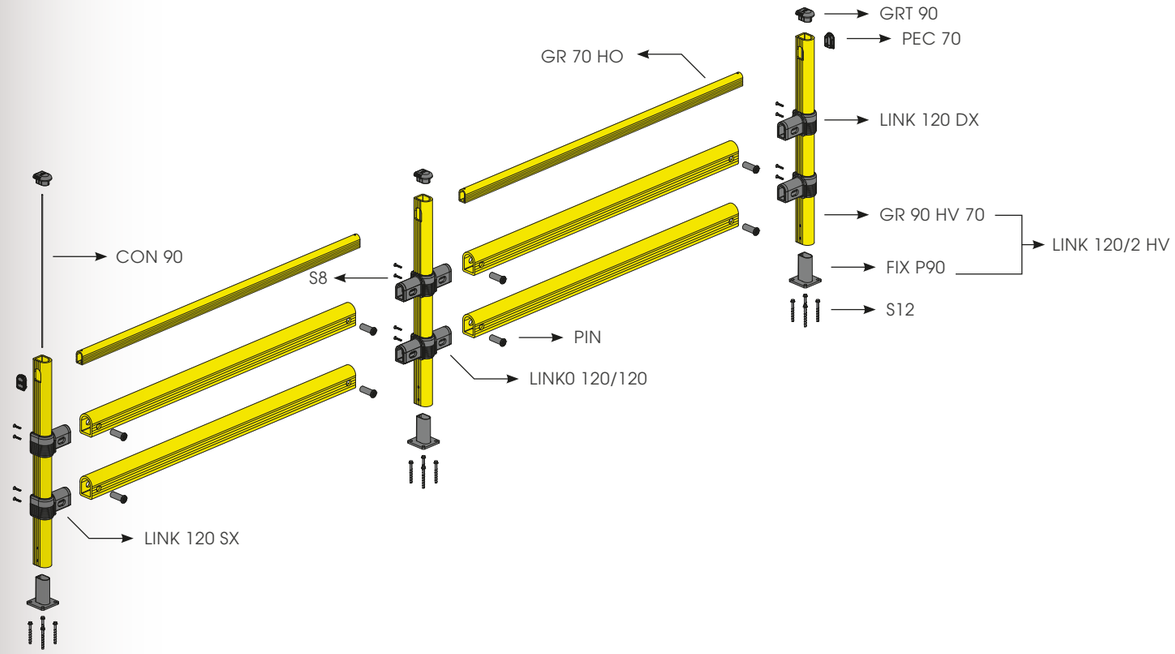
INSTALLATION TIP

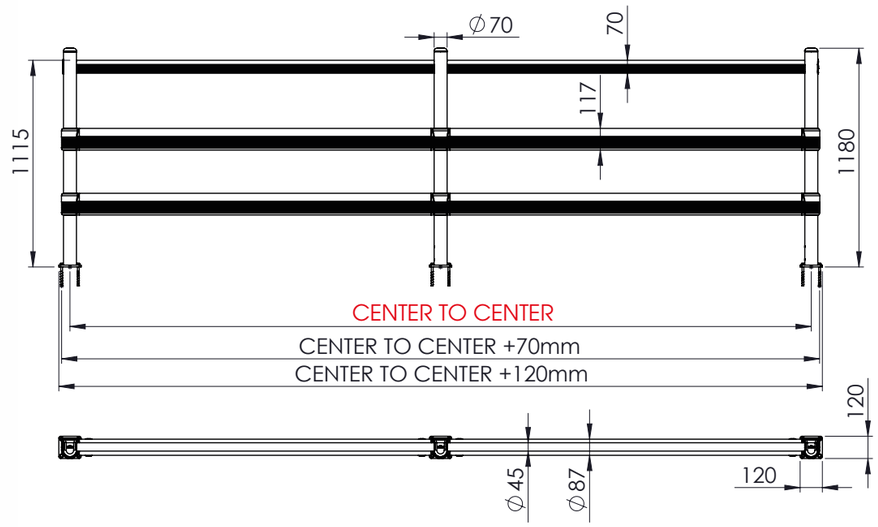


LINK 120/2

BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER

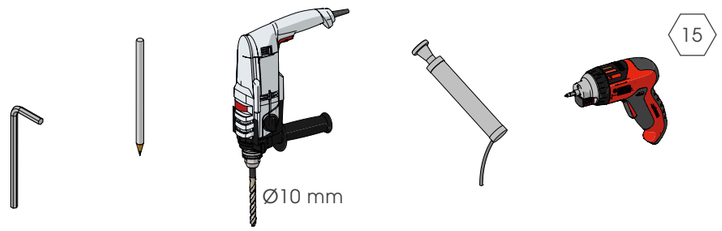
HEAVY LOAD / FOR FORKLIFTS





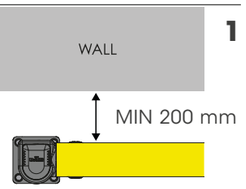
LINK 120/2

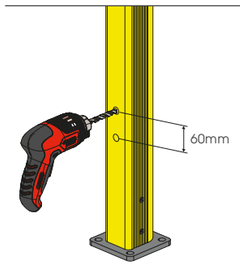
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



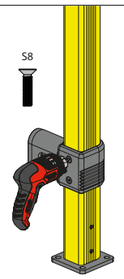
WARNING

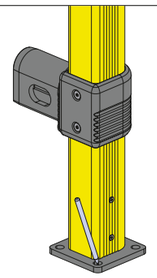
The distance of installation depends on speed and weight of vehicle

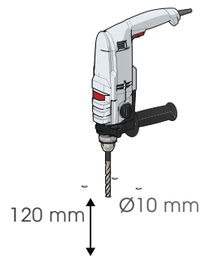
1


2


3


4


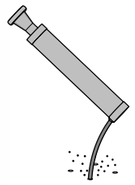
5


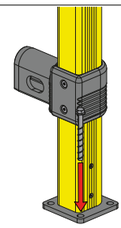
6


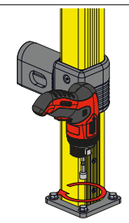
05 PEDESTRIAN BARRIERS LINK 120

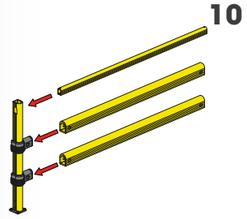
LINK 120/2

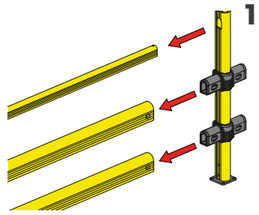
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

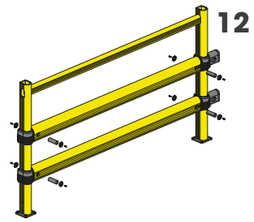
7


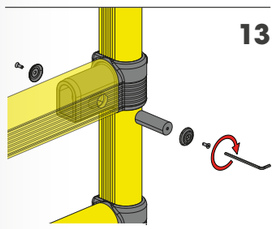
8


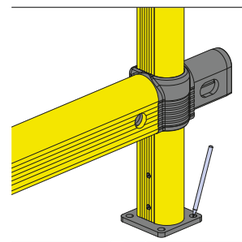
9


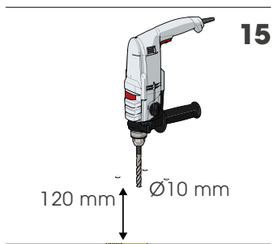
10


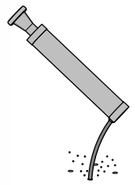
11


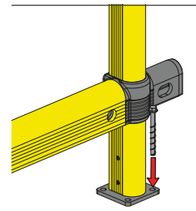
12


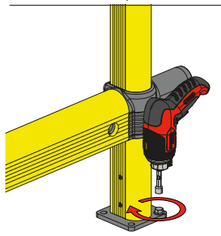
13


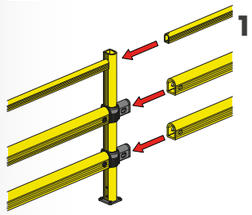
14


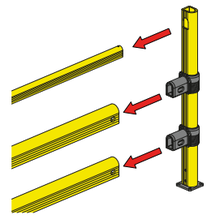
15


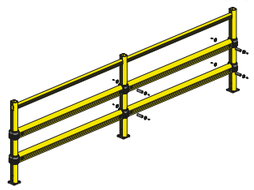
16


17


18


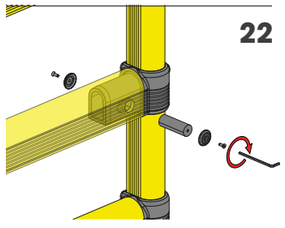
19


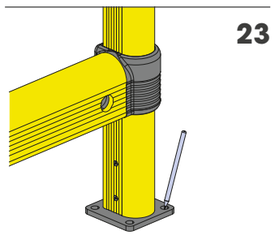
20


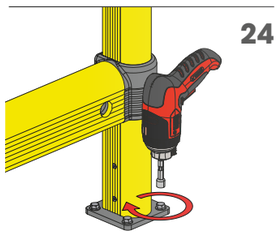
21


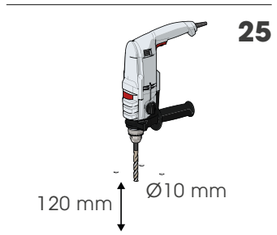
LINK 120/2

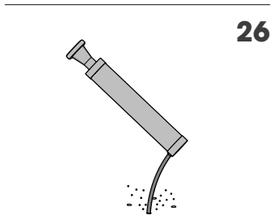
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

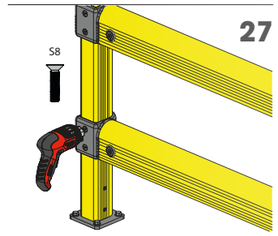


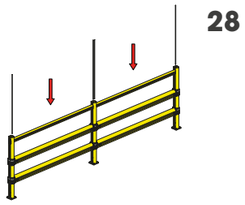


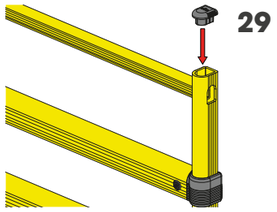


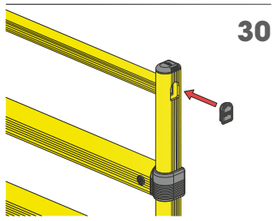




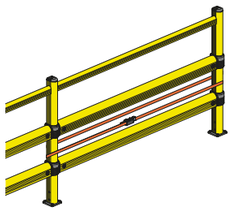








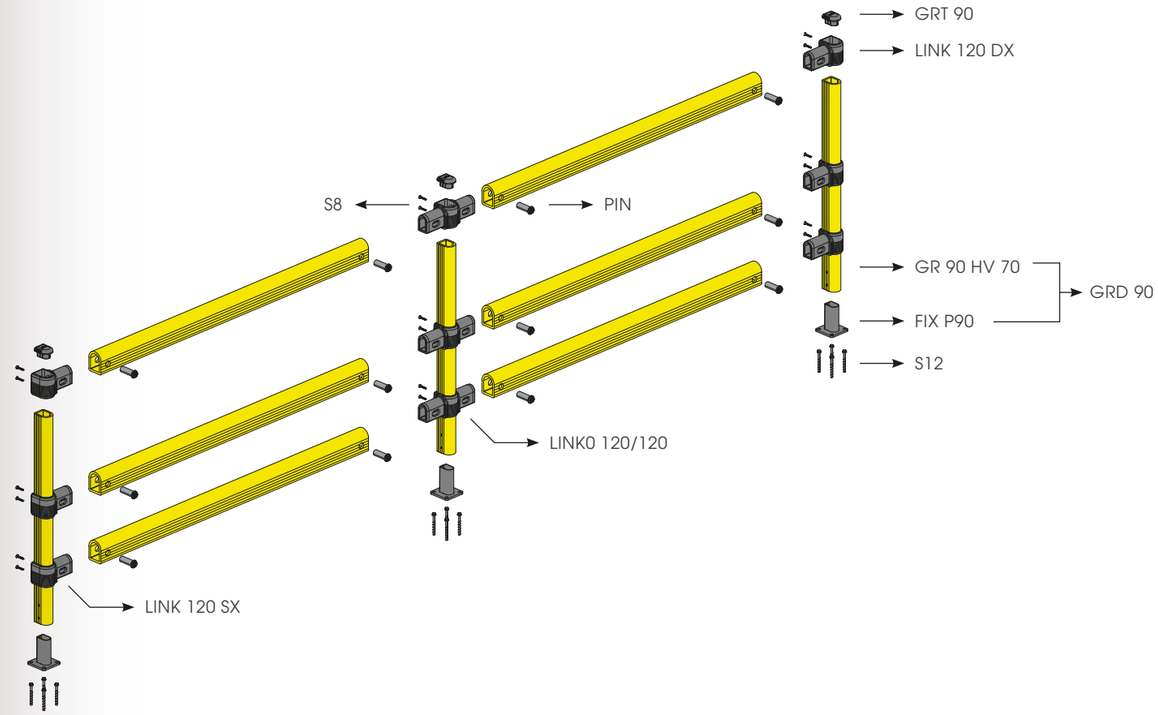
INSTALLATION TIP

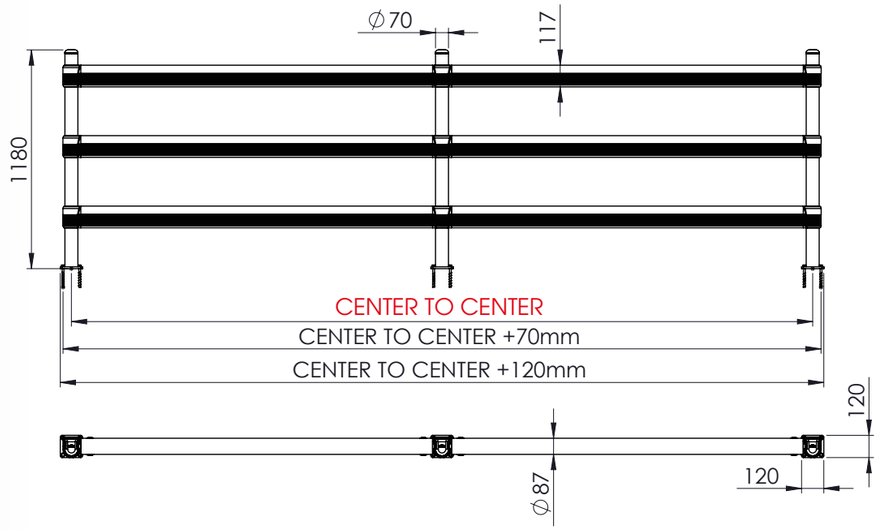


LINK 120/3

BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER

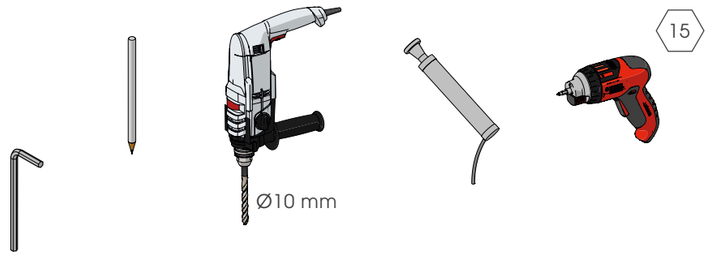
HEAVY LOAD / FOR FORKLIFTS





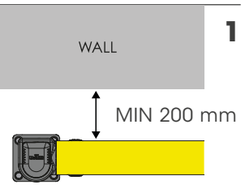
LINK 120/3

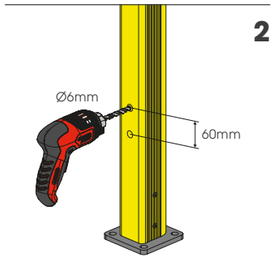
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



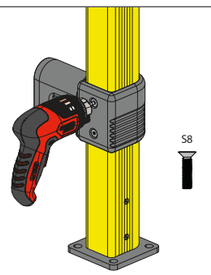
WARNING

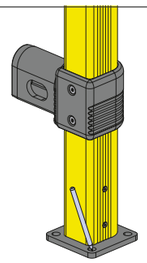
The distance of installation depends on speed and weight of vehicle

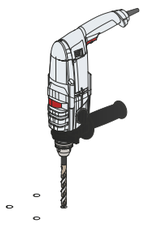
1


2


3

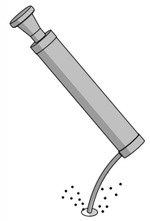

4


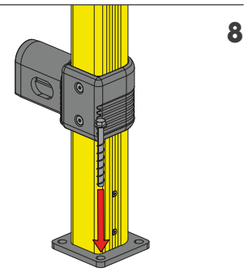
5


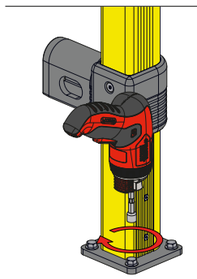
6


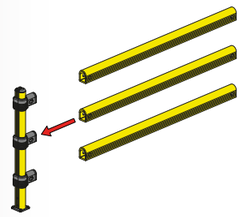
LINK 120/3

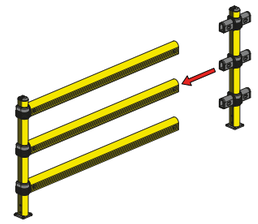
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

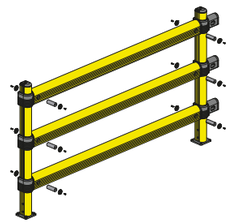
7


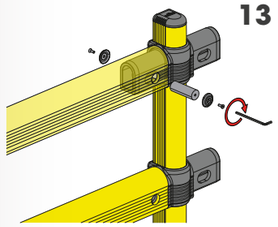
8


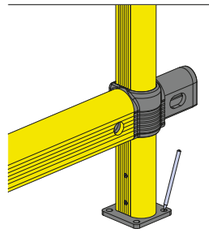
9


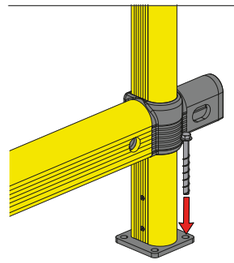
10


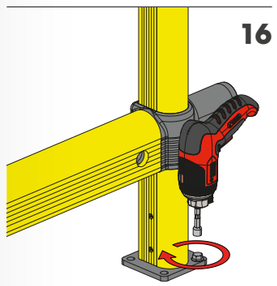
11


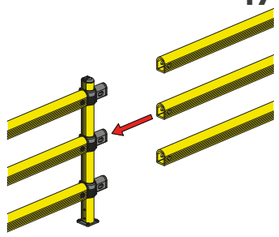
12


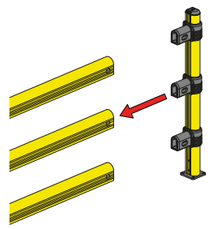
13


14


15


16


17


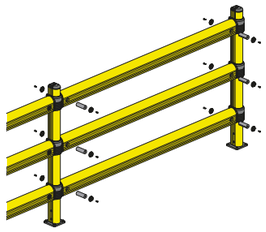
18


clarity

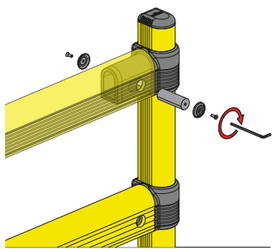
LINK 120/3

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

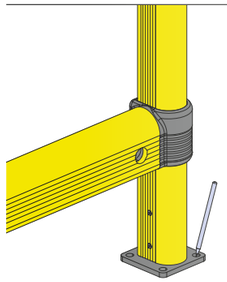
19



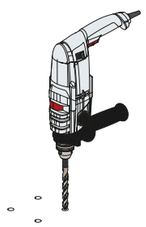
20



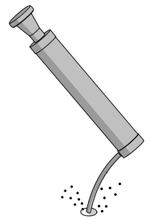
21



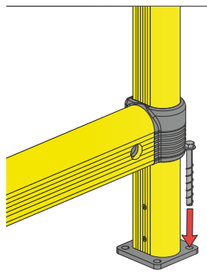
22



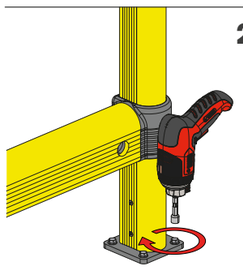
23



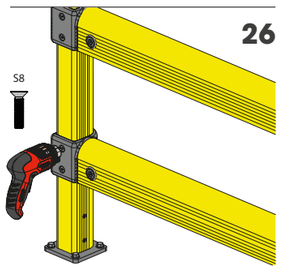
24



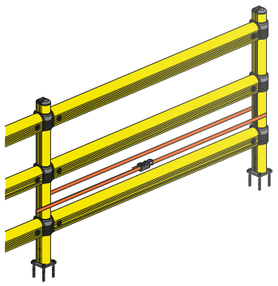
25



26



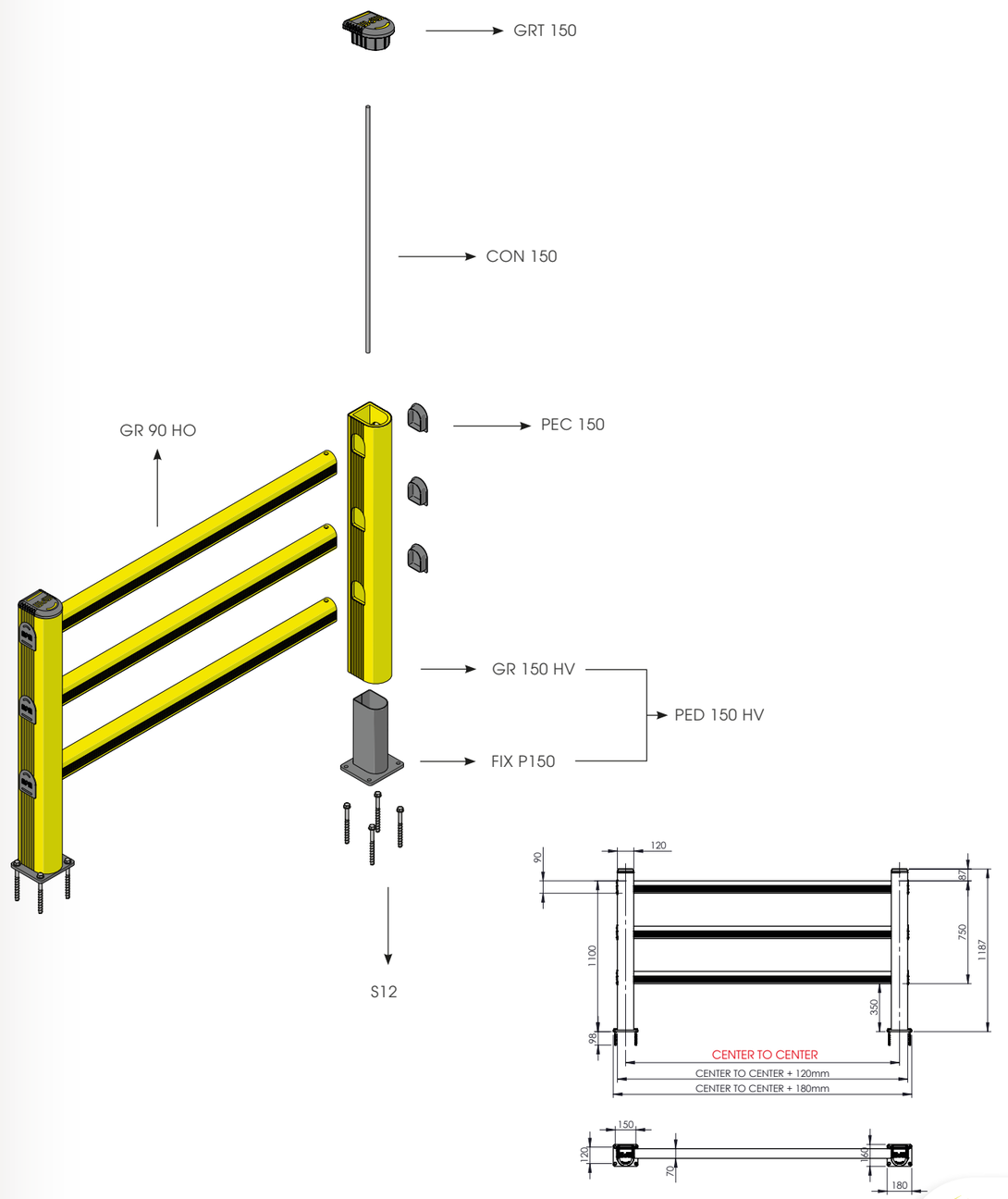
INSTALLATION TIP



PED 150

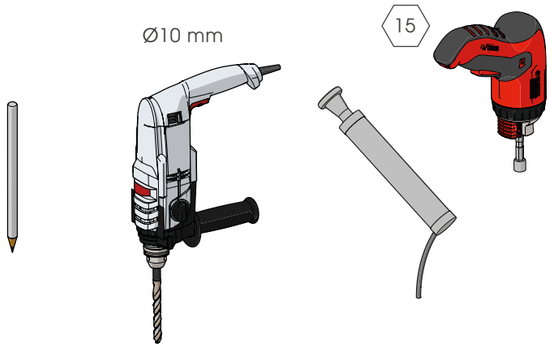
BARRIERA DI SICUREZZA
SAFETY BARRIER

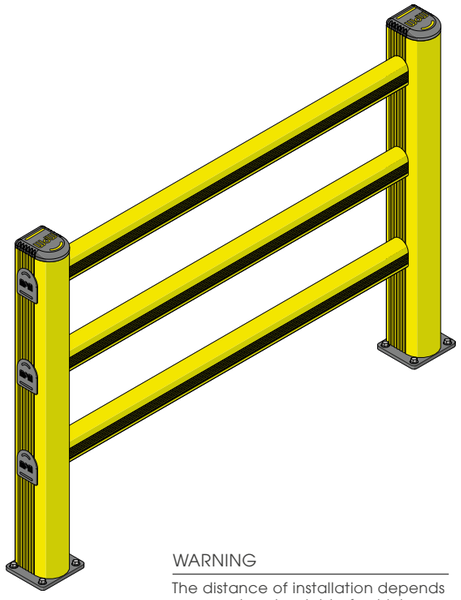
HEAVY LOAD / FOR FORKLIFTS



PED 150

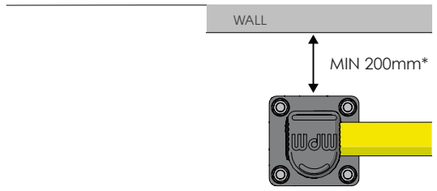
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



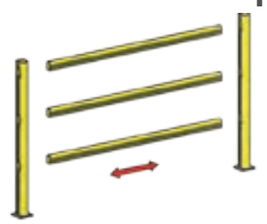


WARNING

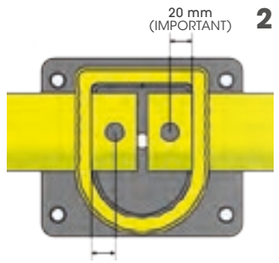
The distance of installation depends on speed and weight of vehicle



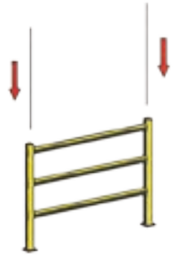
1



2



3



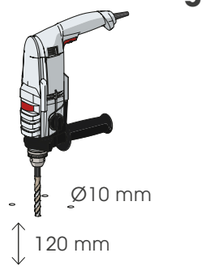
4



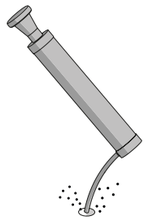
PED 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

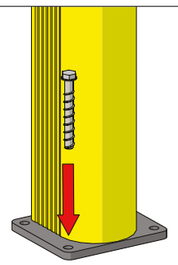
5



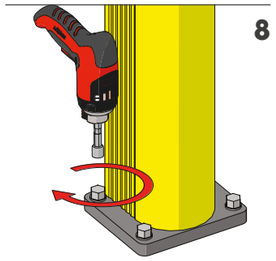
6



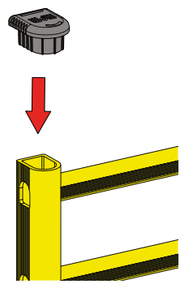
7



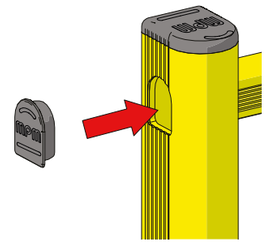
8



9



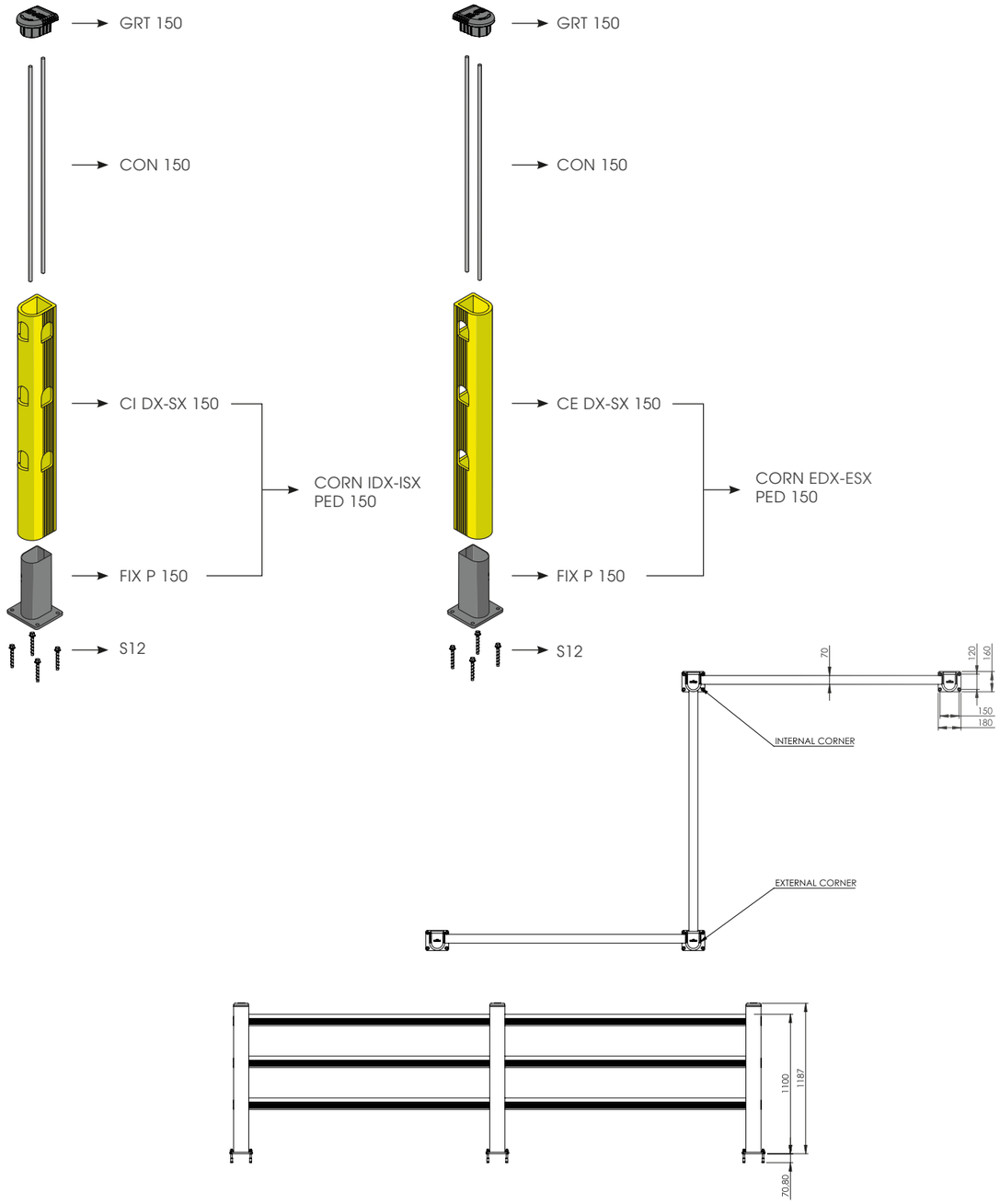
10



CORNER PED 150

BARRIERA DI SICUREZZA
SAFETY BARRIER

HEAVY LOAD / FOR FORKLIFTS

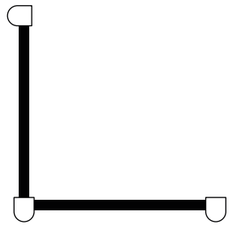


CORNER PED 150

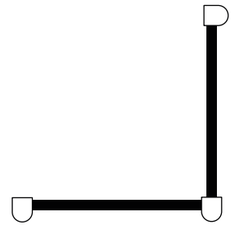
BARRIERA DI SICUREZZA
SAFETY BARRIER

PLEASE CHECK HERE BELOW
WHICH POSITION OF THE CORNER YOU NEED

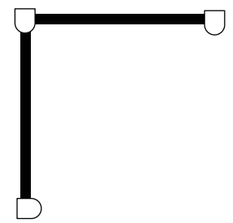
☐ EXTERNAL SX (L)



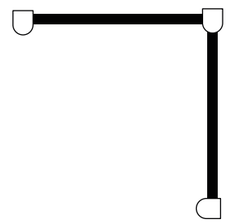
☐ EXTERNAL DX (R)



☐ INTERNAL SX (L)



☐ INTERNAL DX (R)

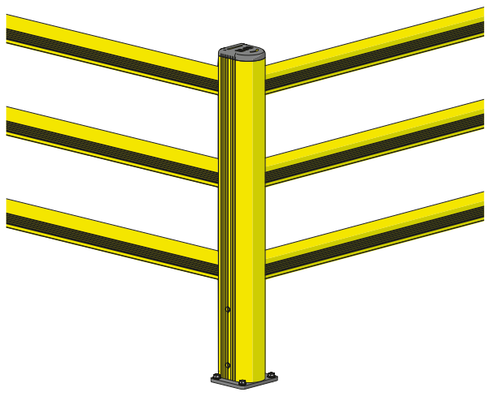


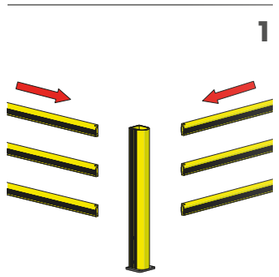
clarity

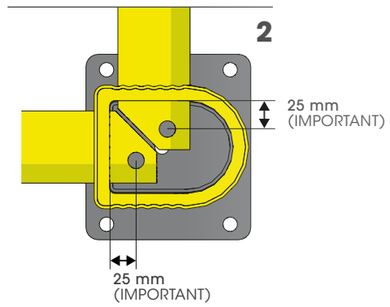
CORNER PED 150

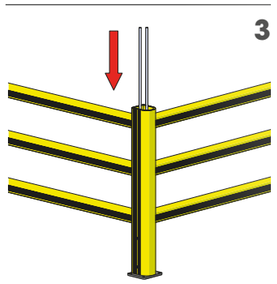
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS





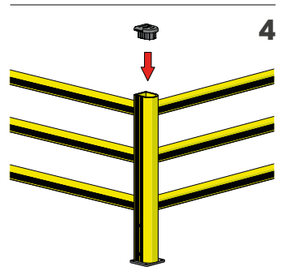


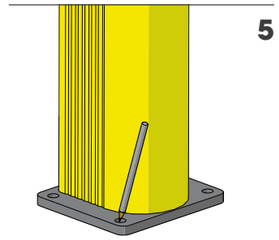




CORNER PED 150

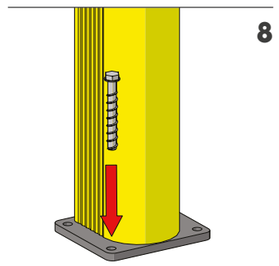
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

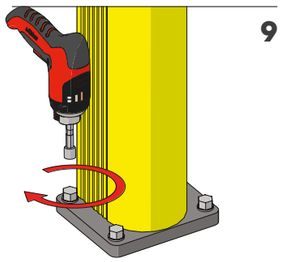








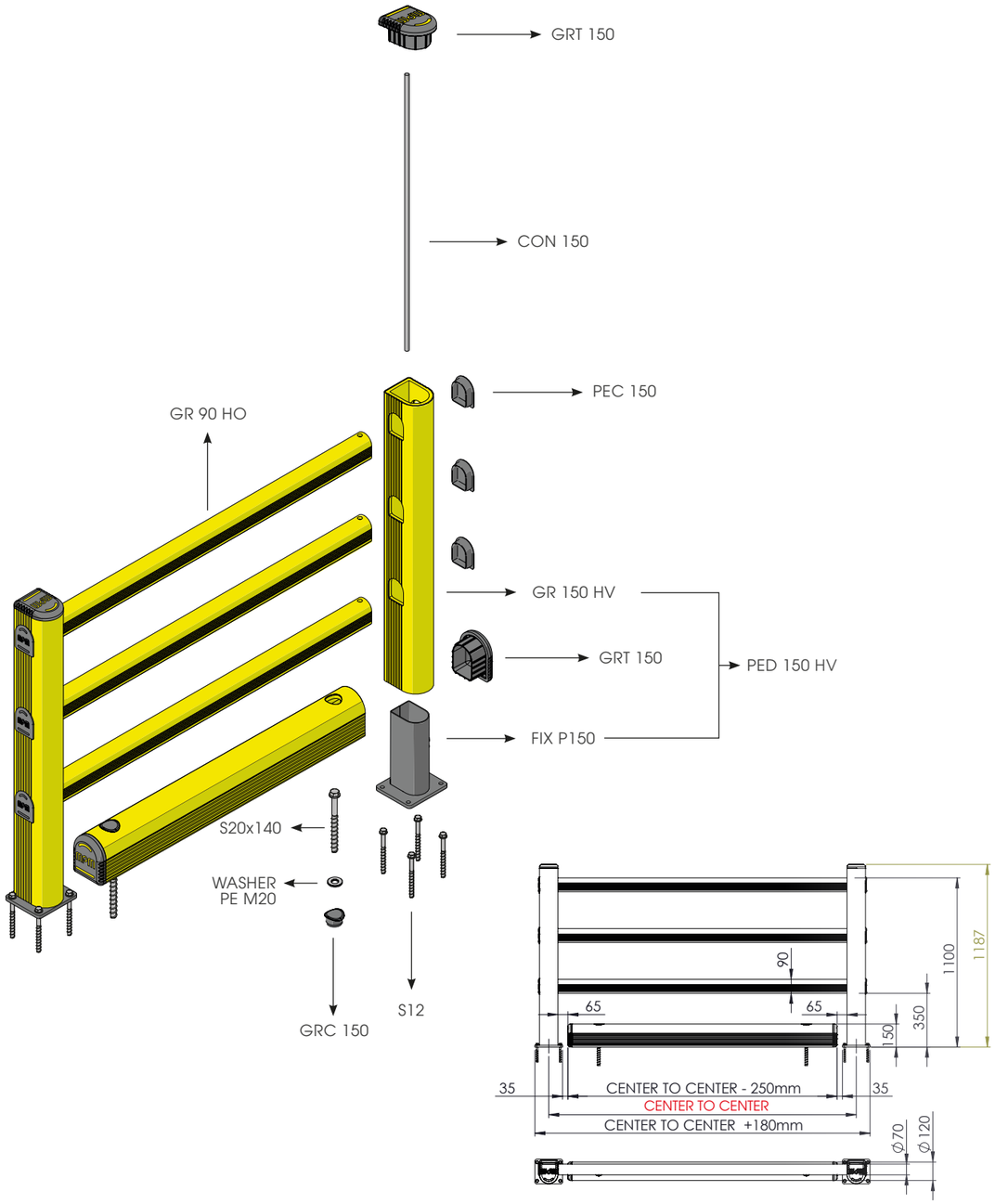




PED 150 TL

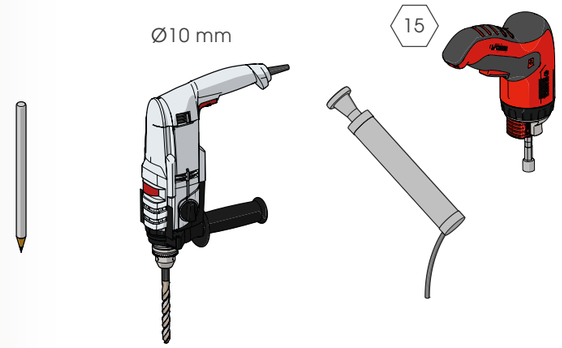
BARRIERA DI SICUREZZA
SAFETY BARRIER

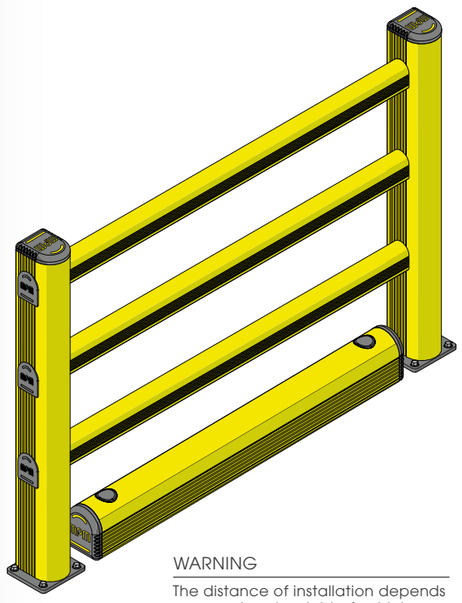
HEAVY LOAD / FOR FORKLIFTS



PED 150 TL

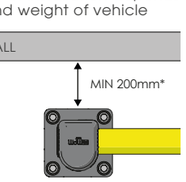
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



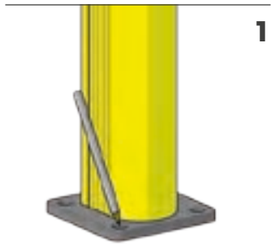


WARNING

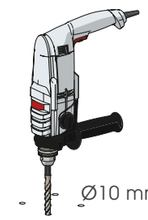
The distance of installation depends on speed and weight of vehicle



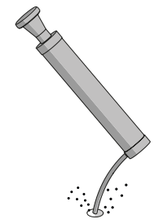
1



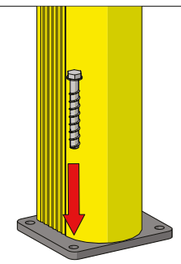
2



3



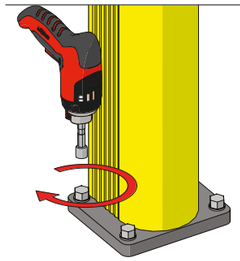
4



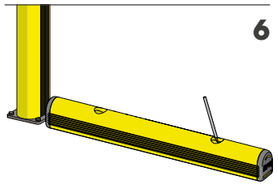
PED 150 TL

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

5



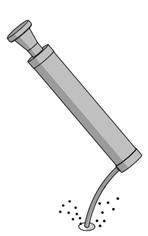
6



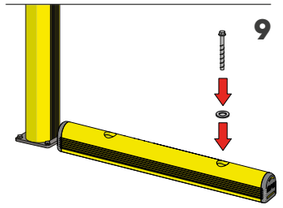
7



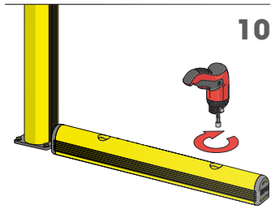
8



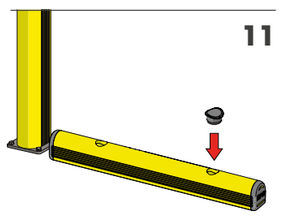
9



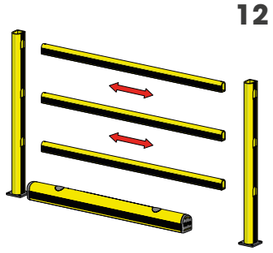
10



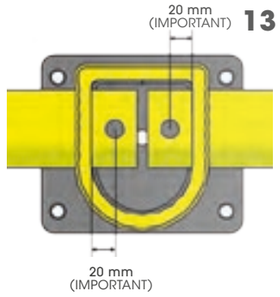
11



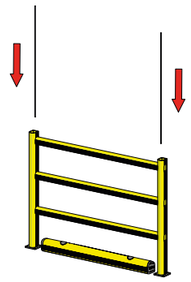
12



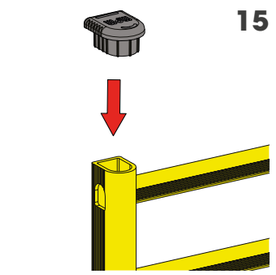
13



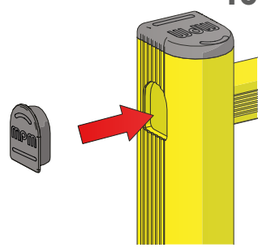
14



15



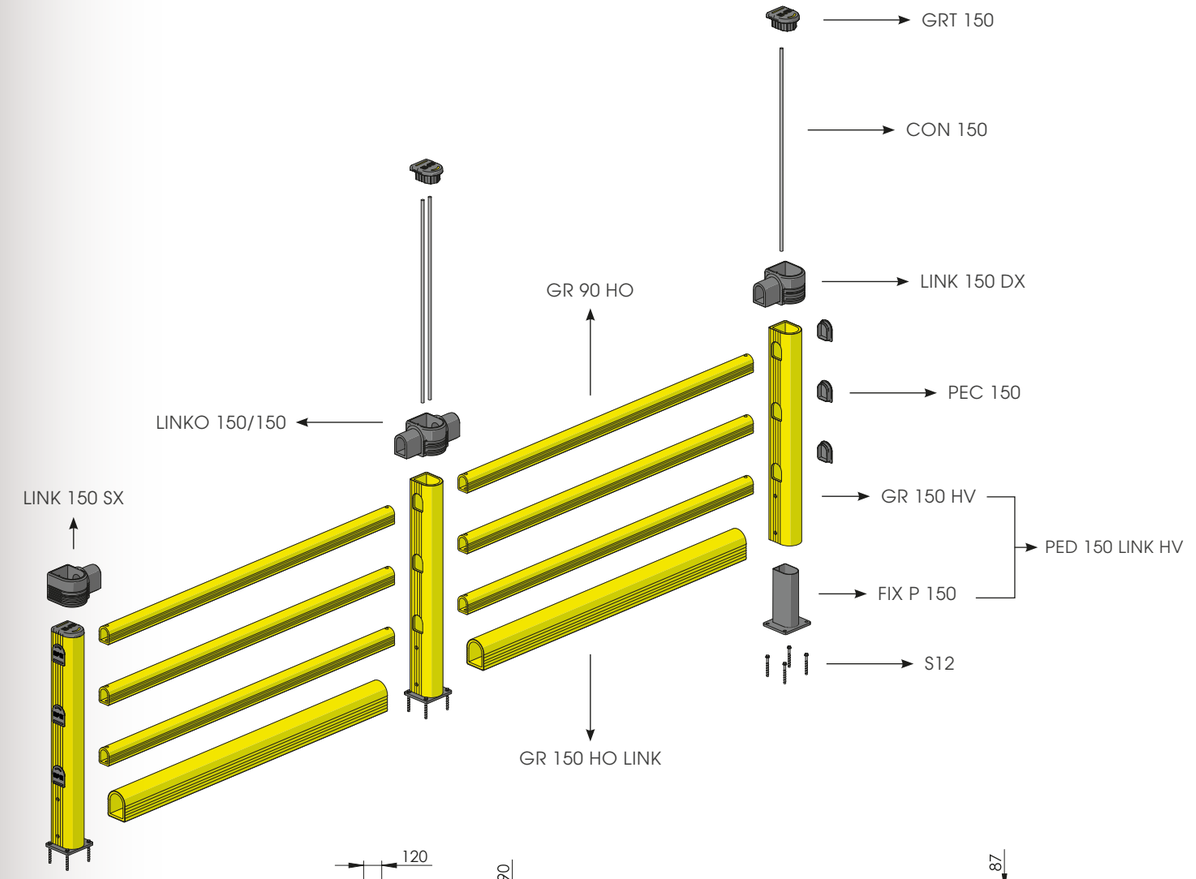
16

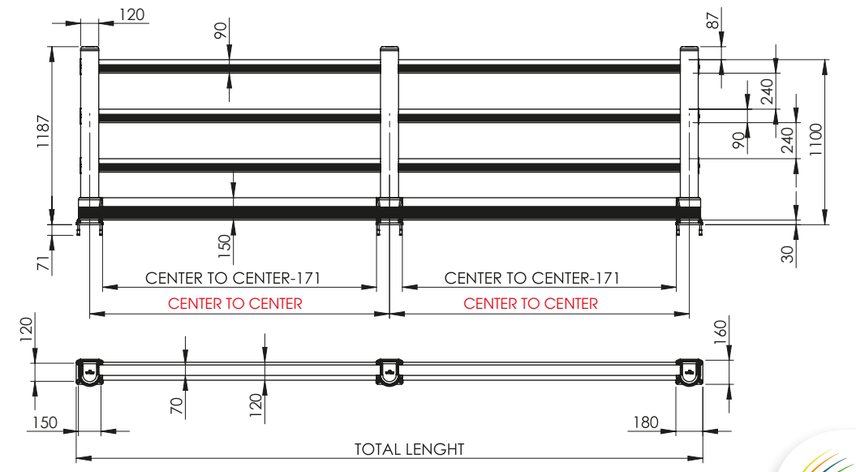


PED 150 LINK

BARRIERA DI SICUREZZA
SAFETY BARRIER

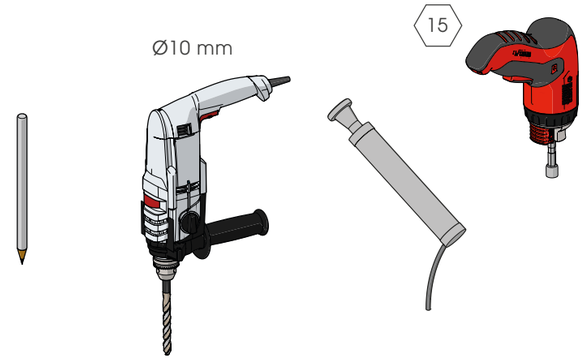
HEAVY LOAD / FOR FORKLIFTS

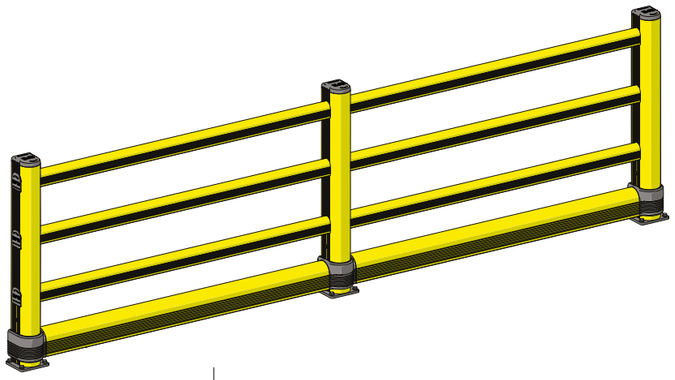




PED 150 LINK

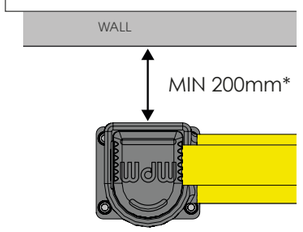
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



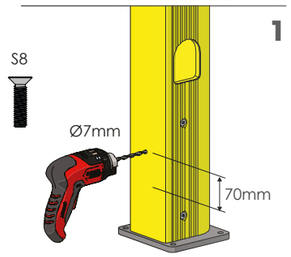


WARNING

The distance of installation depends on speed and weight of vehicle



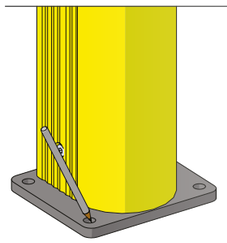
1



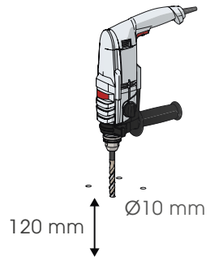
2



3



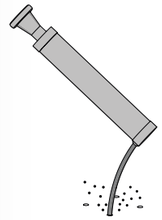
4



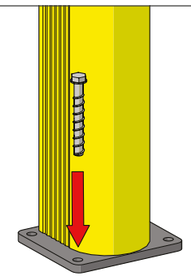
PED 150 LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

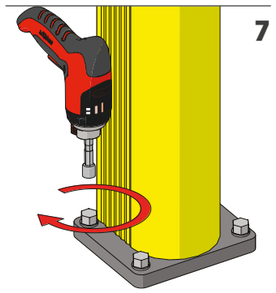
5



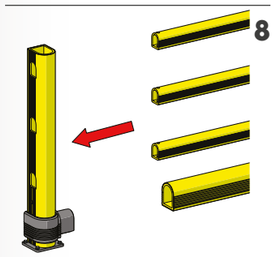
6



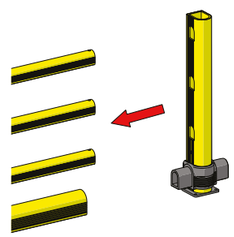
7



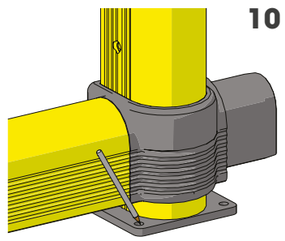
8



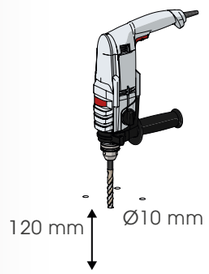
9



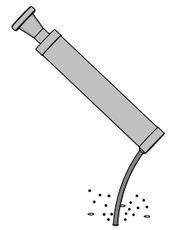
10



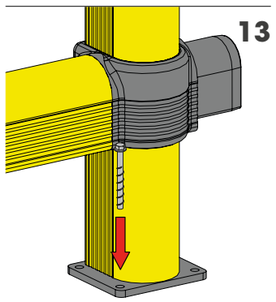
11



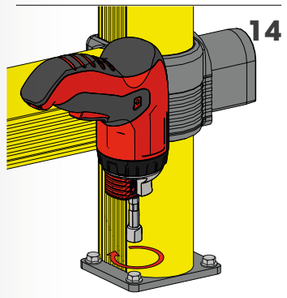
12



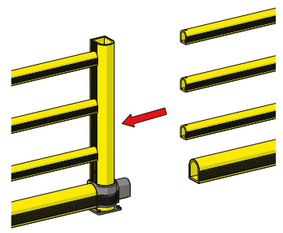
13



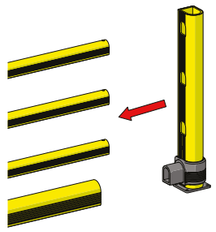
14



15



16

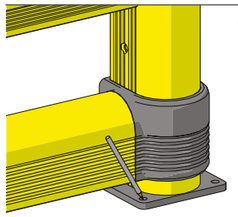


clarity

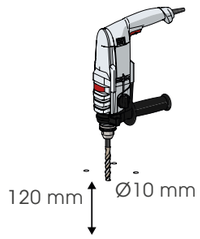
PED 150 LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

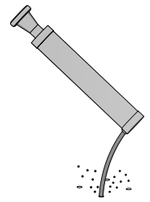
17



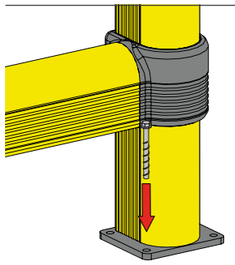
18



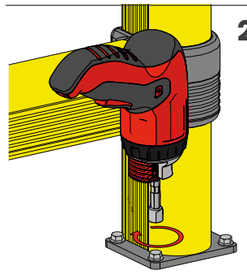
19



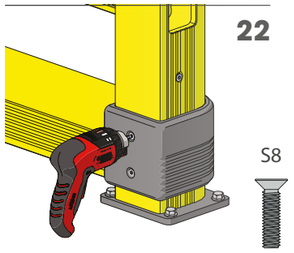
20



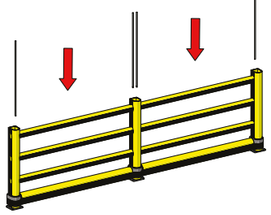
21



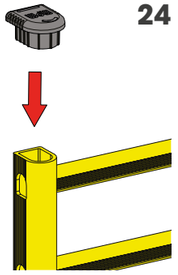
22



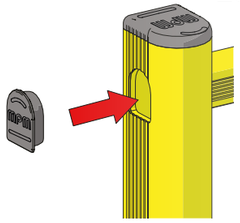
23



24



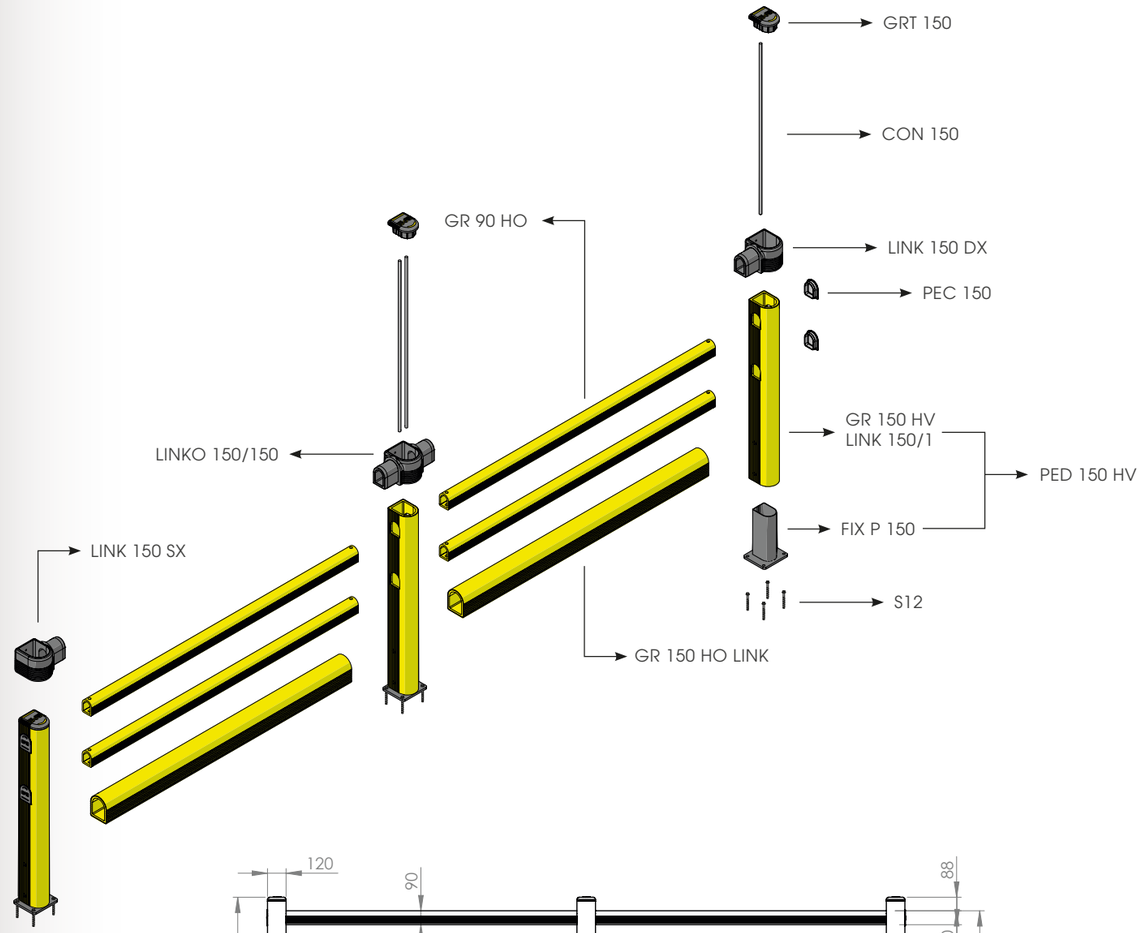
25

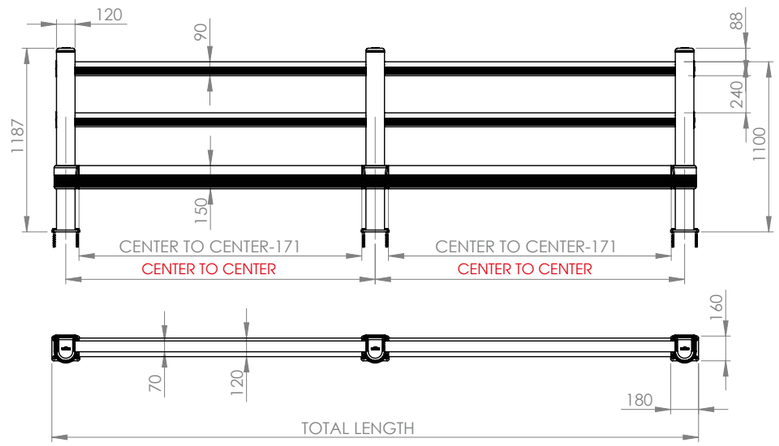


LINK 150/1

BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER

HEAVY LOAD / FOR FORKLIFTS

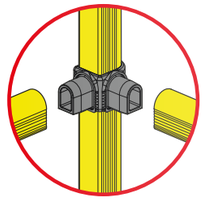


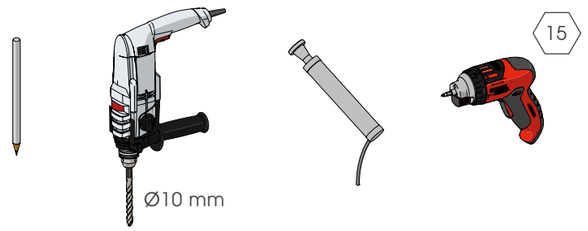


LINK 150/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

LINK CORNER

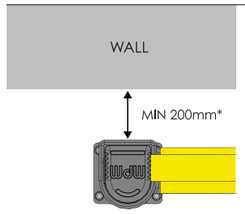




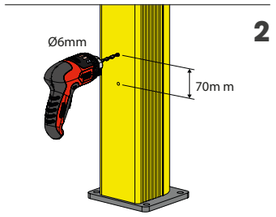
WARNING

The distance of installation depends on speed and weight of vehicle

1



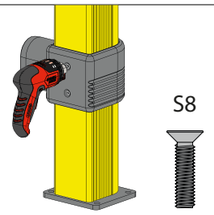
2



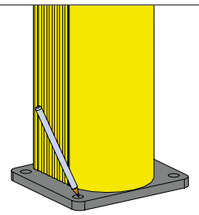
3



4



5



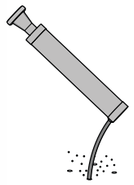
6



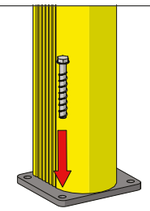
LINK 150/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

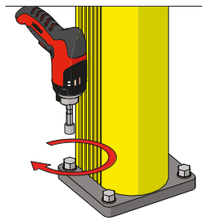
7



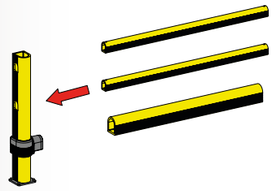
8



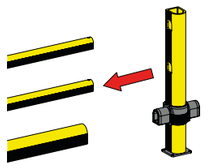
9



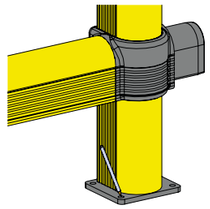
10



11



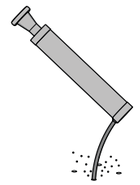
12



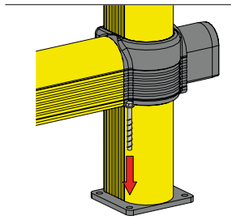
13



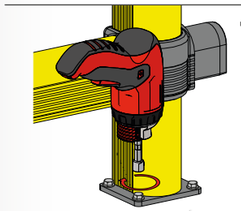
14



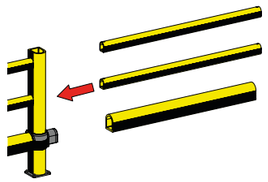
15



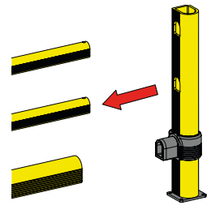
16



17



18

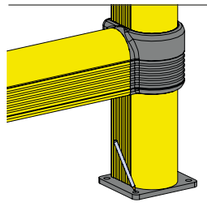


clarity

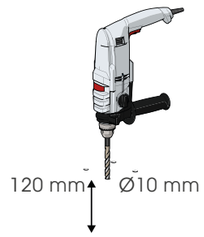
LINK 150/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

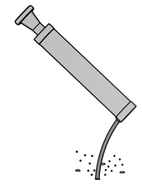
19



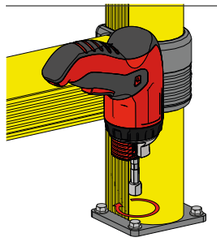
20



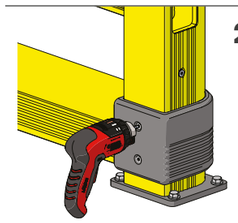
21



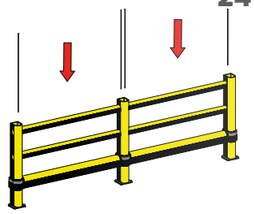
22



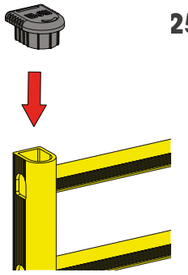
23



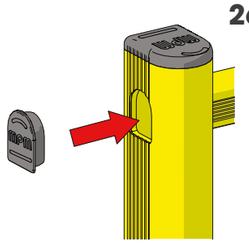
24



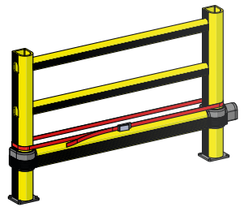
25



26



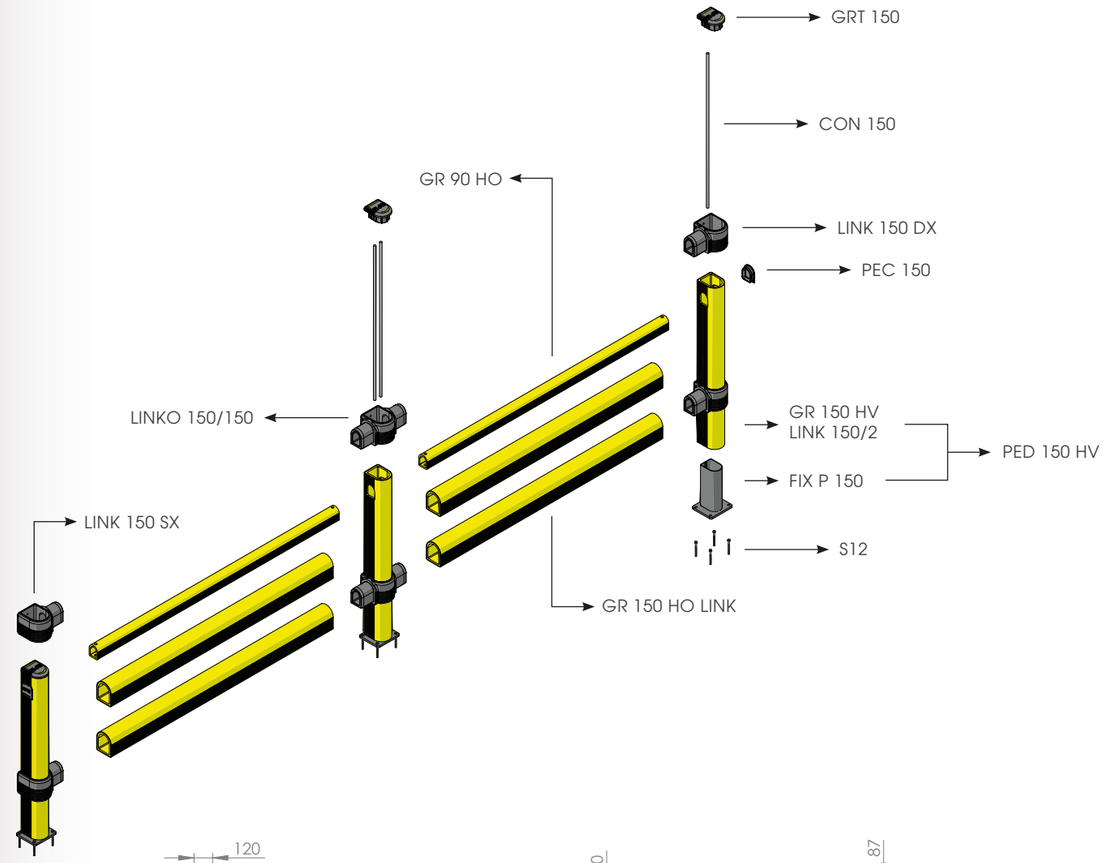
INSTALLATION TIP

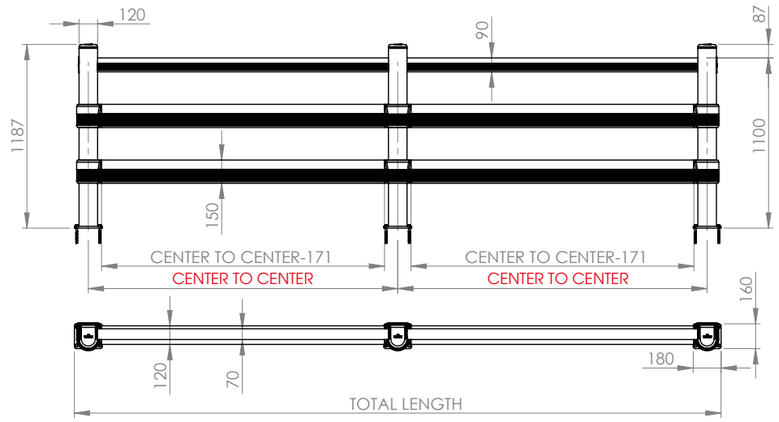


LINK 150/2

BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER

HEAVY LOAD / FOR FORKLIFTS

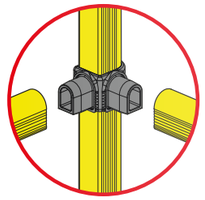


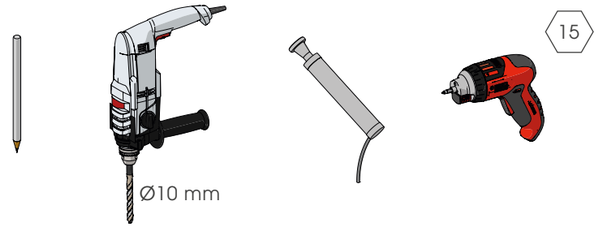


LINK 150/2

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

LINK CORNER

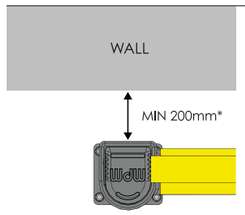




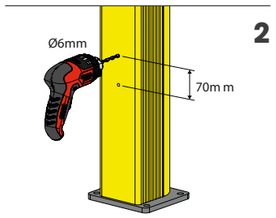
WARNING

The distance of installation depends on speed and weight of vehicle

1



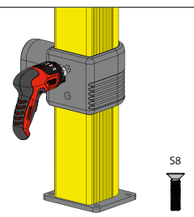
2



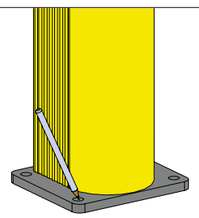
3



4



5



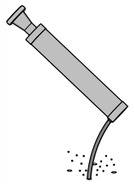
6



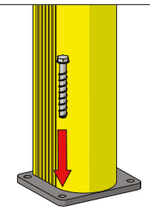
LINK 150/2

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

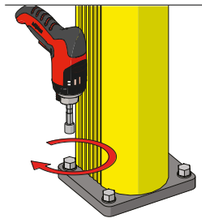
7



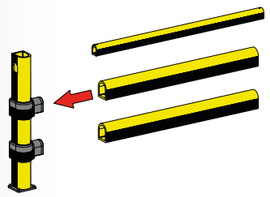
8



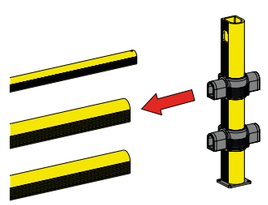
9



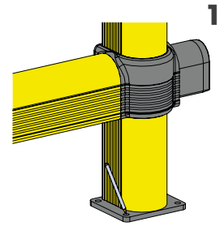
10



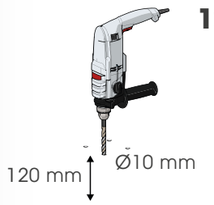
11



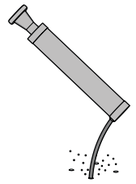
12



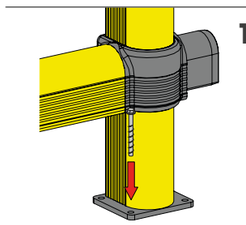
13



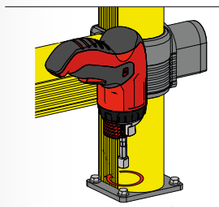
14



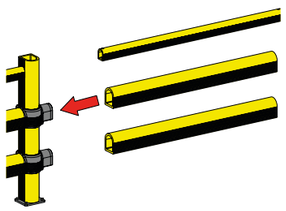
15



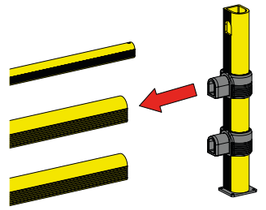
16



17



18

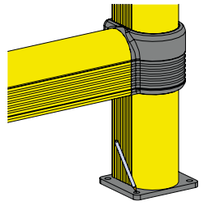


clarity

LINK 150/2

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

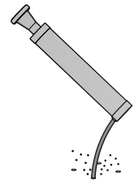
19



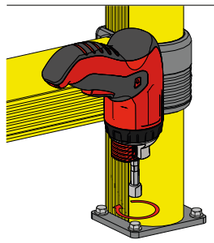
20



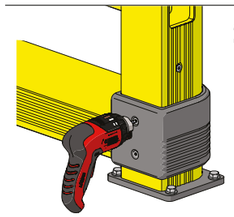
21



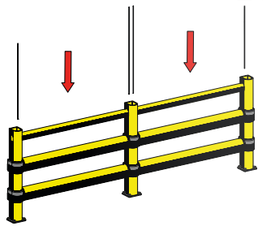
22



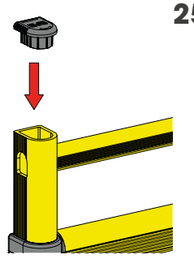
23



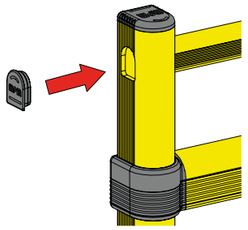
24



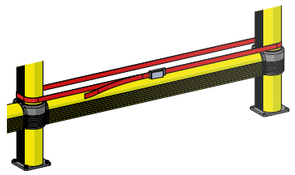
25



26



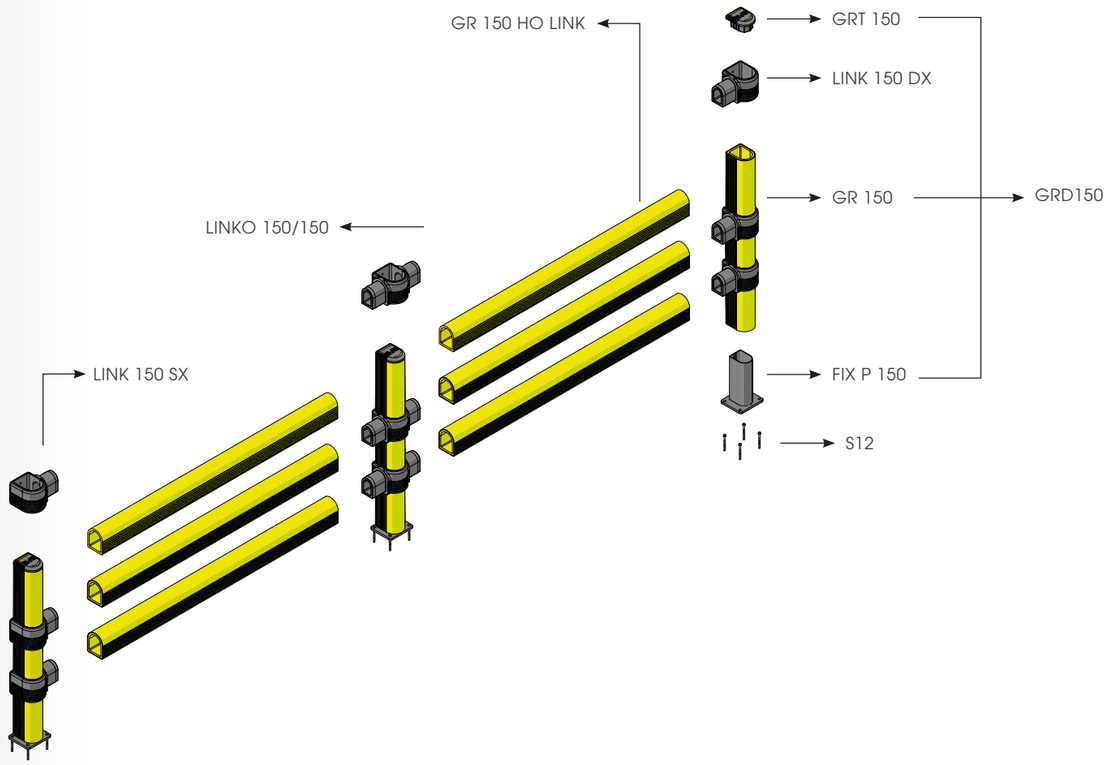
INSTALLATION TIP

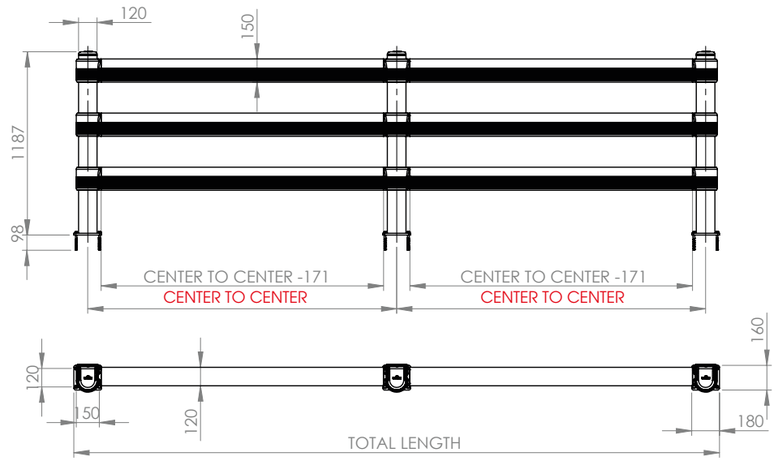


LINK 150/3

BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER

HEAVY LOAD / FOR FORKLIFTS

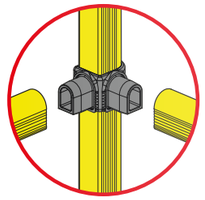


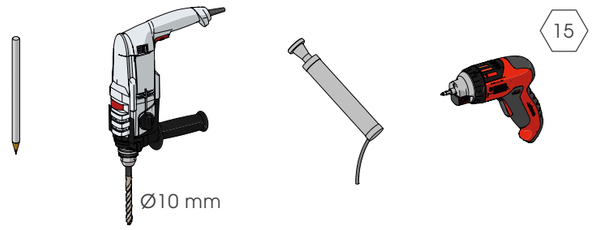


LINK 150/3

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

LINK CORNER

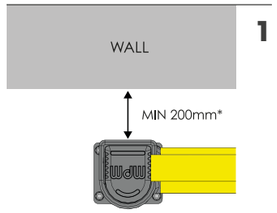




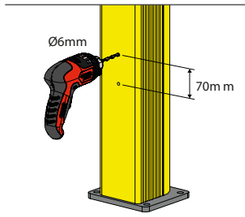
WARNING

The distance of installation depends on speed and weight of vehicle

1



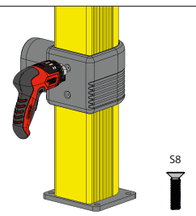
2



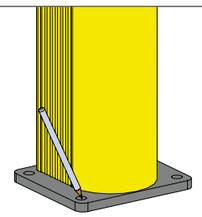
3



4



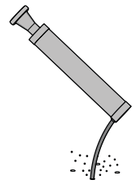
5



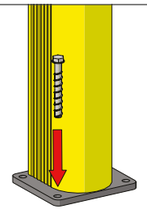
6



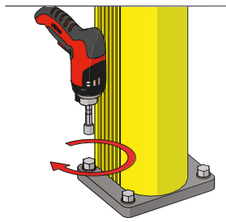
7



8



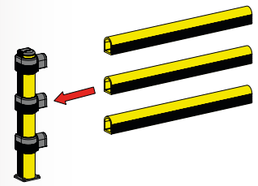
9



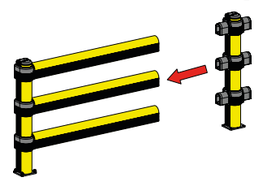
LINK 150/3

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

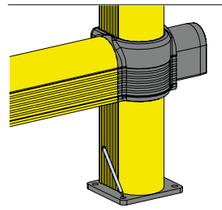
10



11



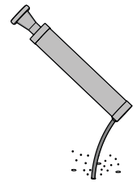
12



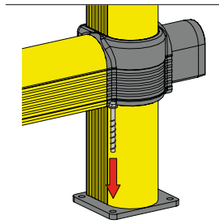
13



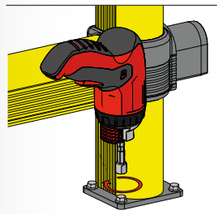
14



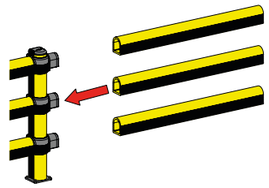
15



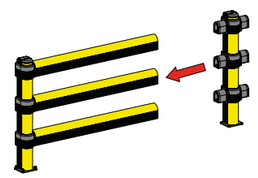
16



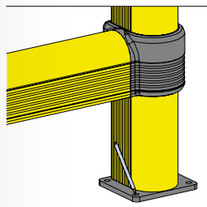
17



18



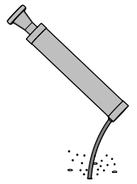
19



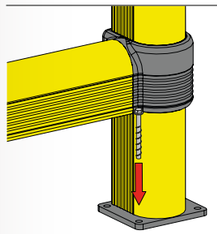
20



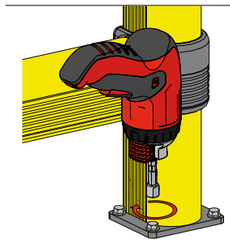
21



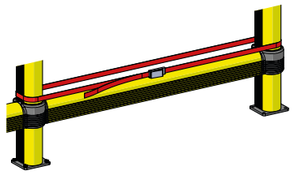
22



23



INSTALLATION TIP

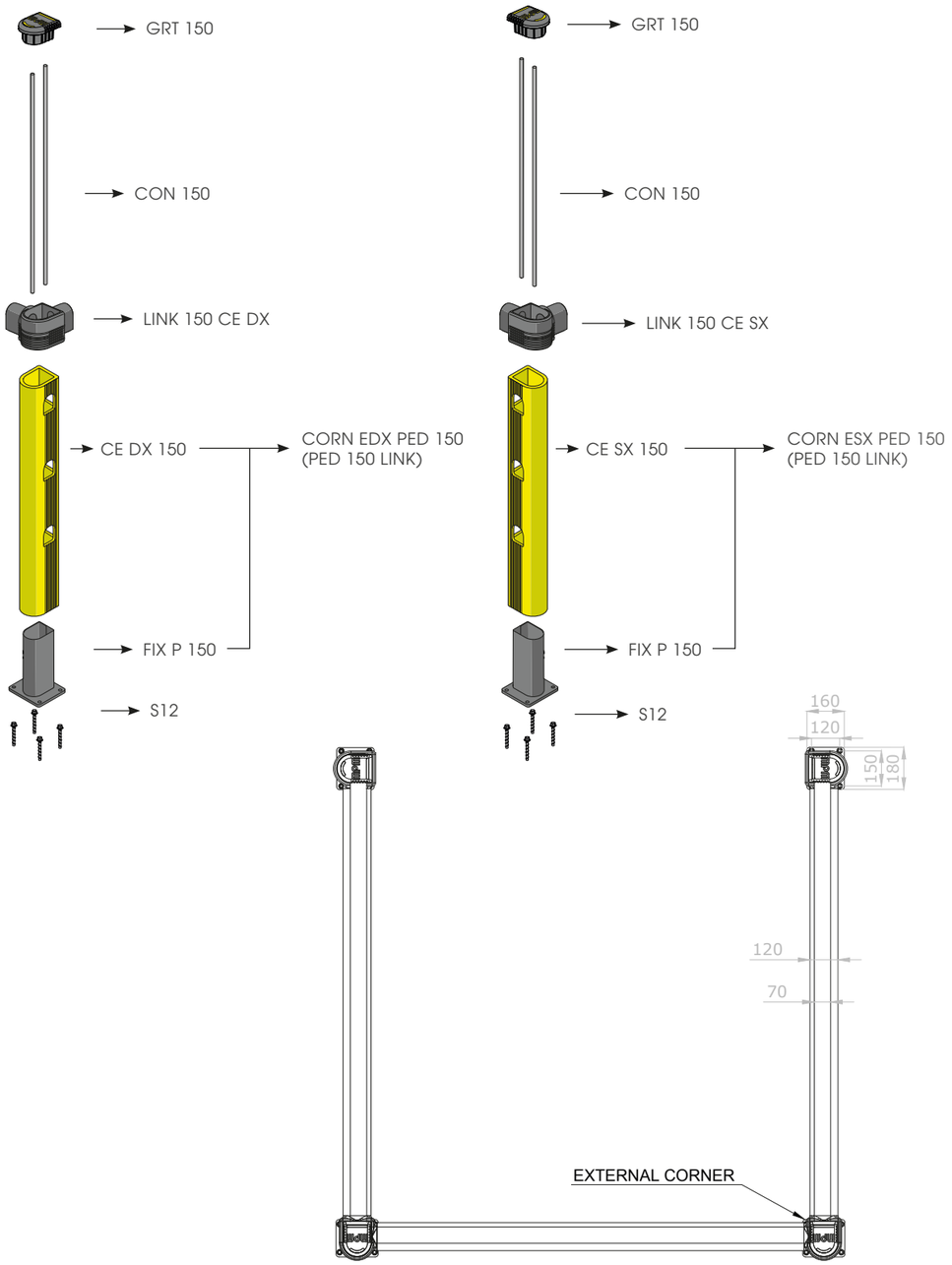


clarity

CORNER LINK 150

BARRIERA DI SICUREZZA
SAFETY BARRIER

HEAVY LOAD / FOR FORKLIFTS

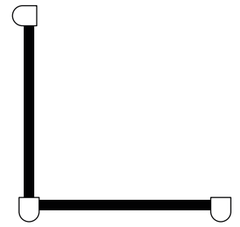


CORNER LINK 150

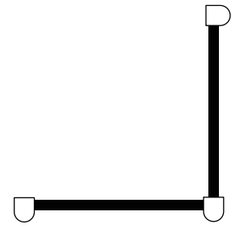
BARRIERA DI SICUREZZA
SAFETY BARRIER

PLEASE CHECK HERE BELOW
WHICH POSITION OF THE CORNER YOU NEED

☐ EXTERNAL SX (L)



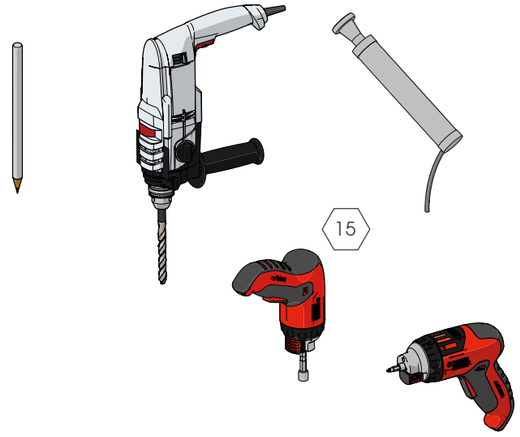
☐ EXTERNAL DX (R)

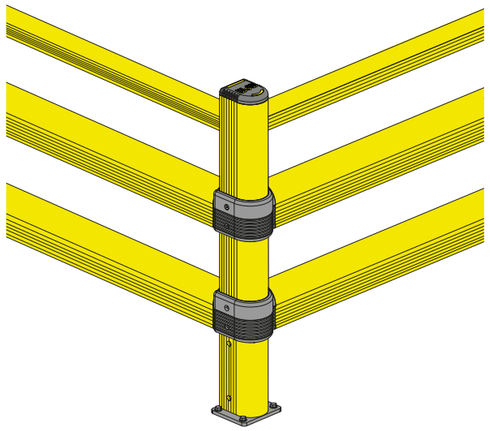


POST COMPONENTS	POST KIT NAME
CE DX 150 + FIX P 150	CORN EDX PED 150
GR 150 HV EDX 1P + FIX P 150	CORN EDX LINK 150/1
GR 150 HV EDX 2P + FIX P 150	CORN EDX LINK 150/2
CE SX 150 + FIX P 150	CORN ESX PED 150
GR 150 HV ESX 1P + FIX P 150	CORN ESX LINK 150/1
GR 150 HV ESX 2P + FIX P 150	CORN ESX LINK 150/2
GR 150 HV + FIX P 150 + GRT 150	GRD 150 (LINK 150/3)

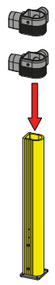
CORNER LINK 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

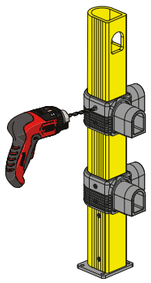




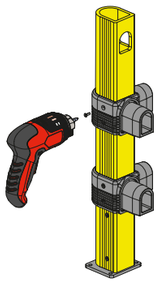
1



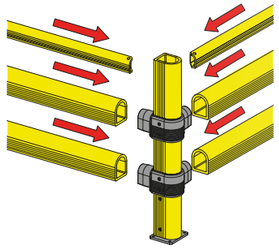
2



3



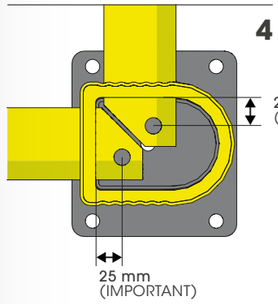
4



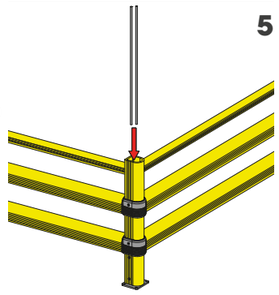
CORNER LINK 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

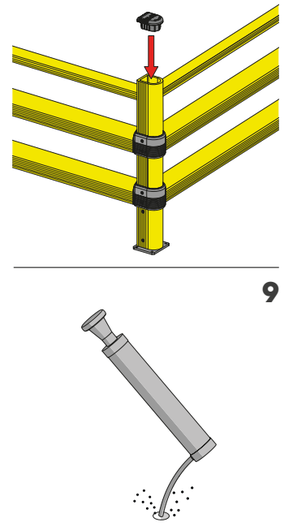
4



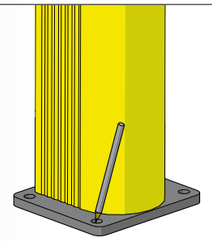
5



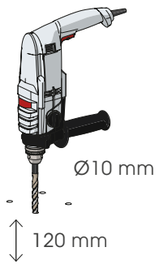
6



7

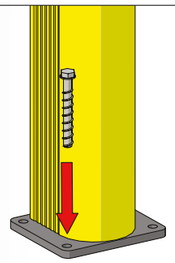


8

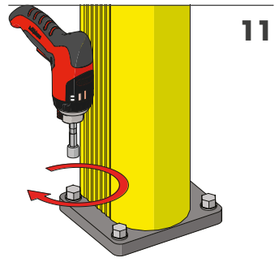


9

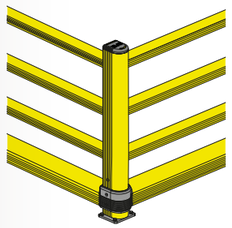
10



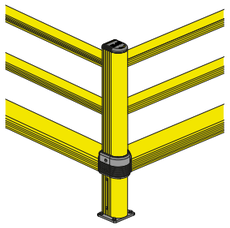
11



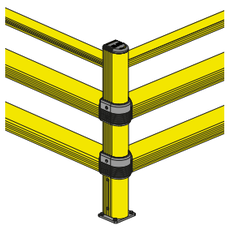
PED 150 LINK



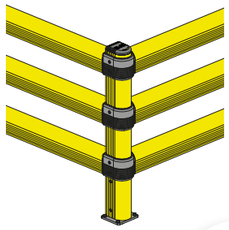
LINK 150/1



LINK 150/2



LINK 150/3

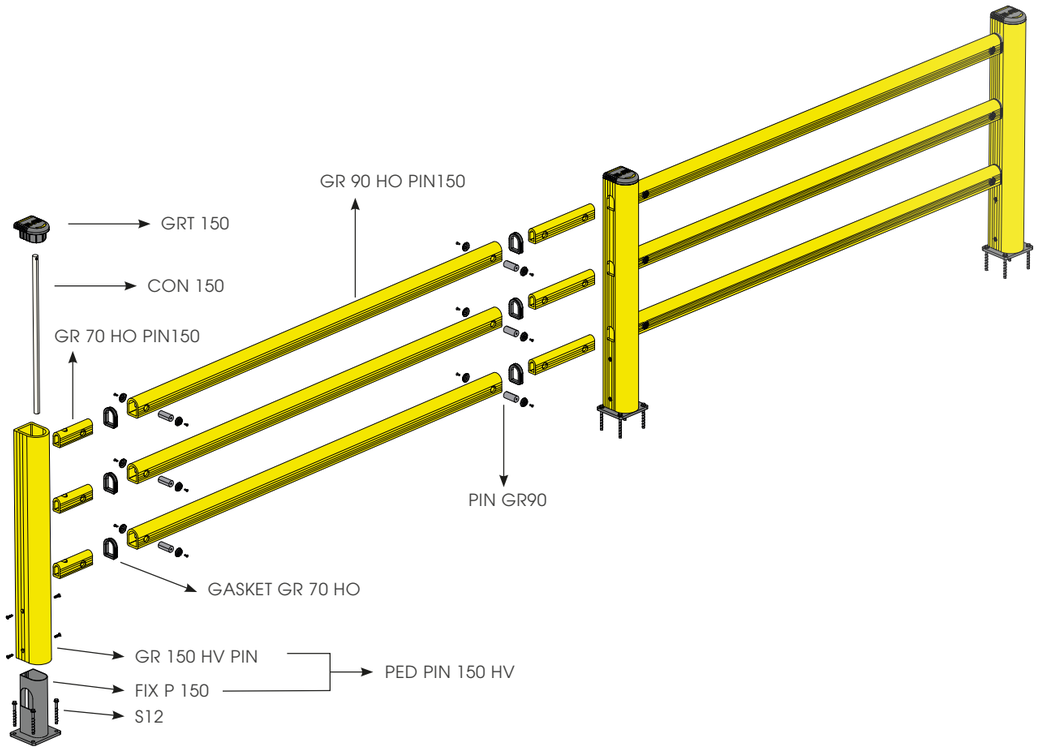


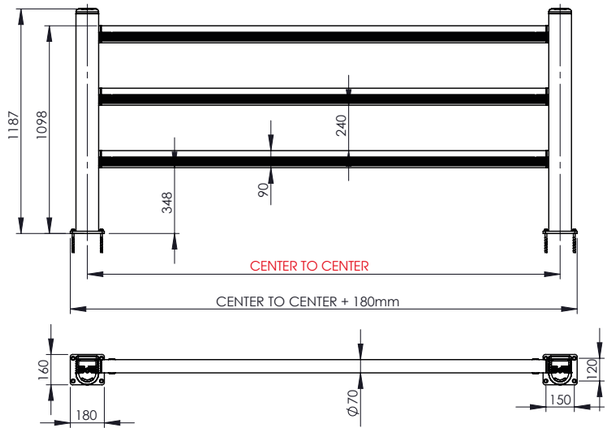
clarity

PED 150 PIN

BARRIERA DI SICUREZZA
SAFETY BARRIER

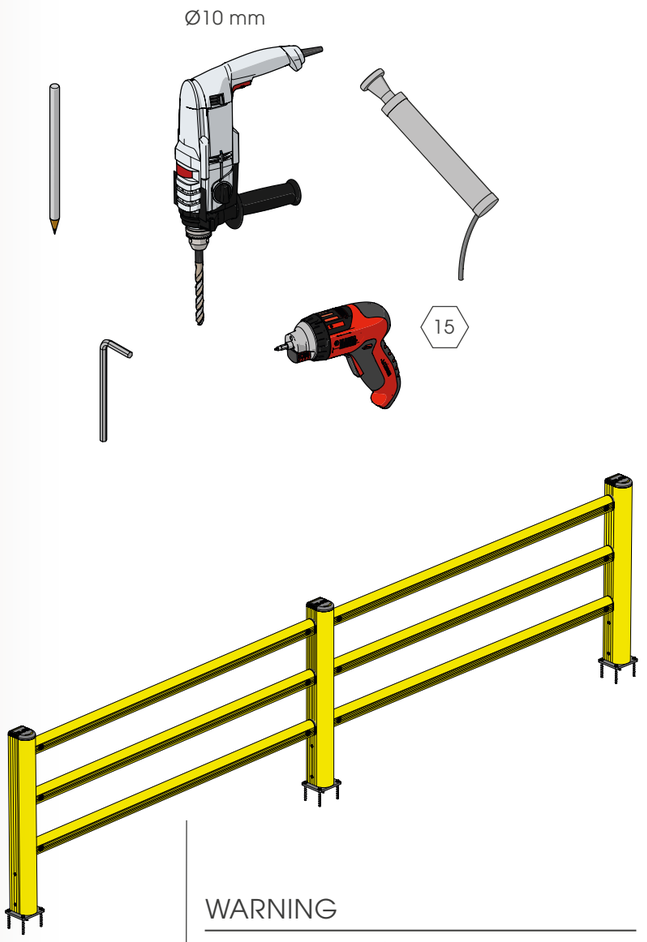
HEAVY LOAD / FOR FORKLIFTS





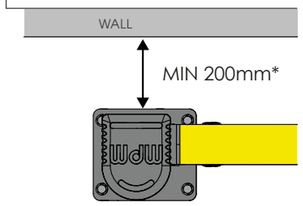
PED 150 PIN

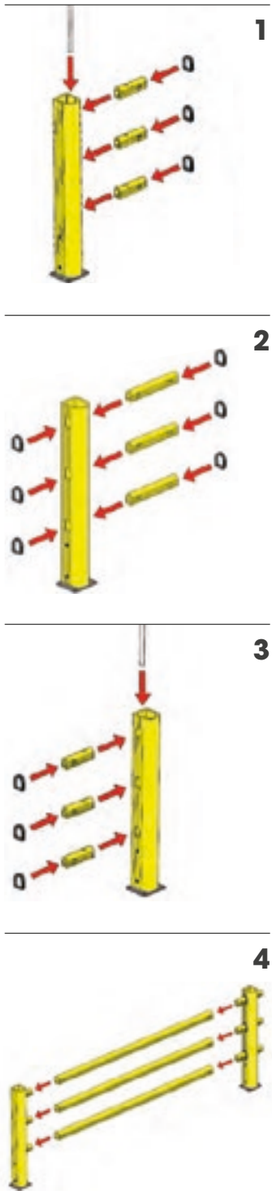
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



WARNING

The distance of installation depends on speed and weight of vehicle

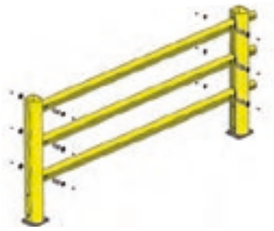




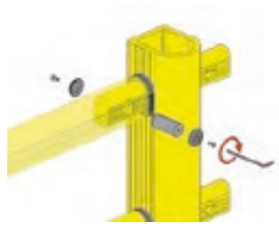
PED 150 PIN

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

5



6



7



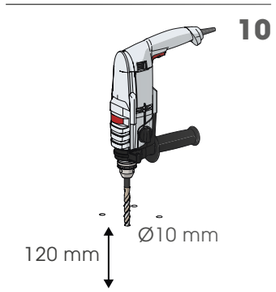
8



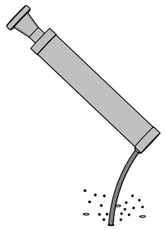
9



10



11



12



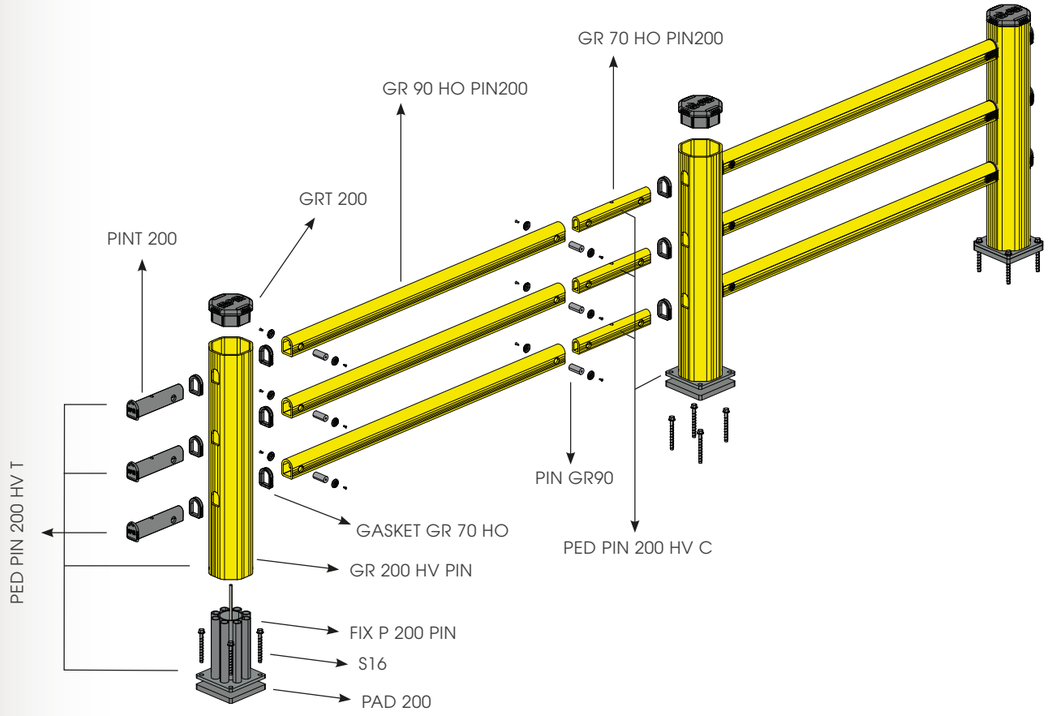
13

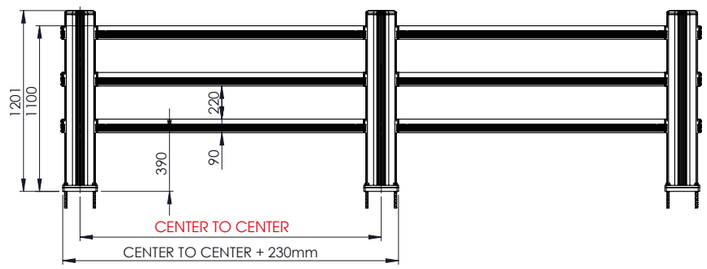


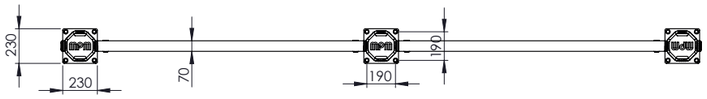
PED 200 PIN

BARRIERA DI SICUREZZA
SAFETY BARRIER

HEAVY LOAD / FOR FORKLIFTS

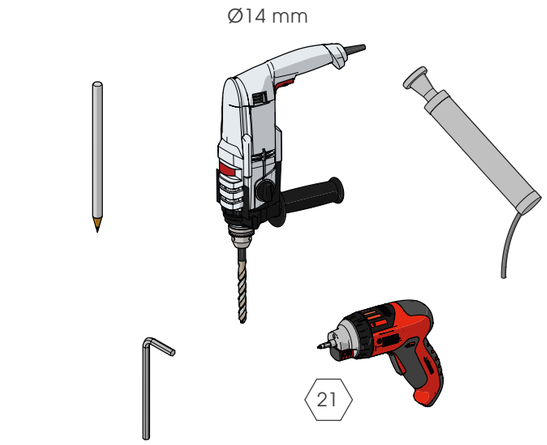


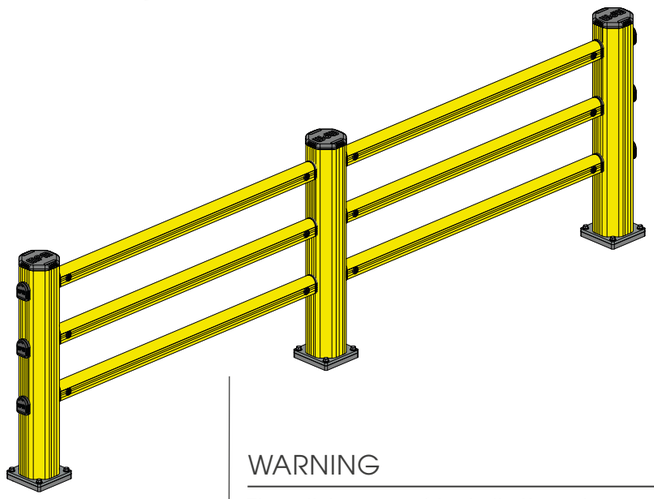




PED 200 PIN

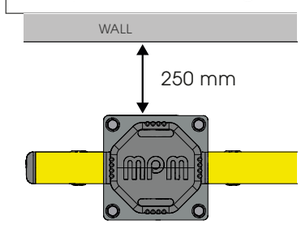
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



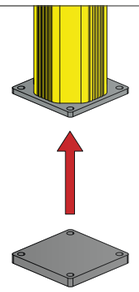


WARNING

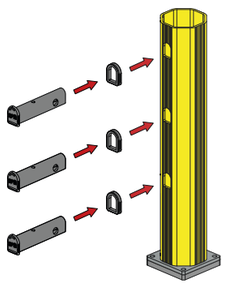
The distance of installation depends on speed and weight of vehicle



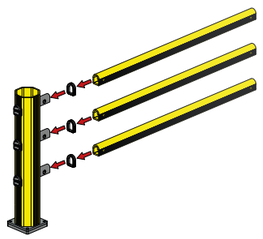
1



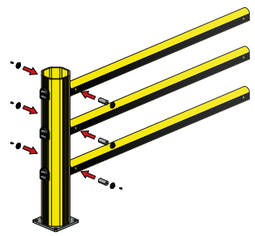
2



3



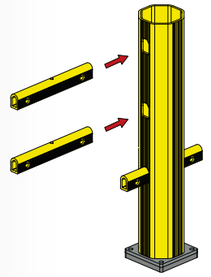
4



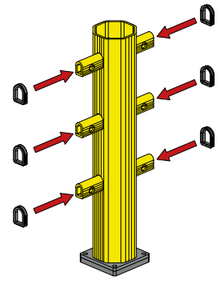
PED 200 PIN

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

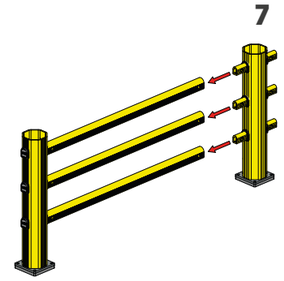
5



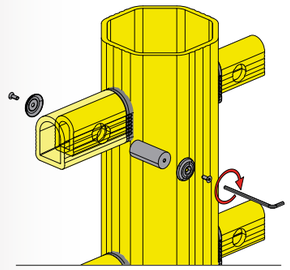
6



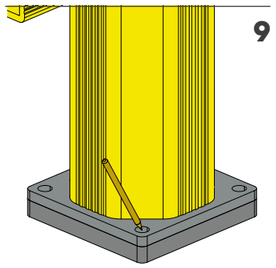
7



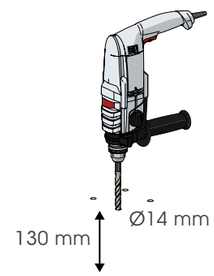
8



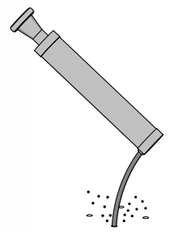
9



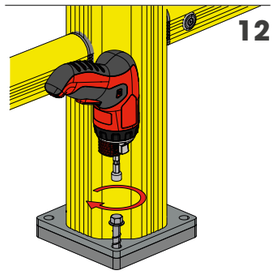
10



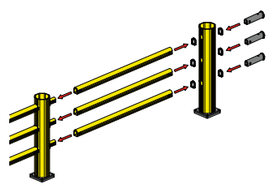
11



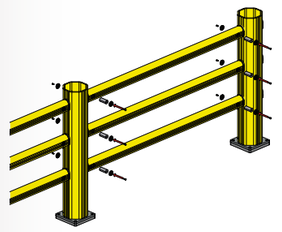
12



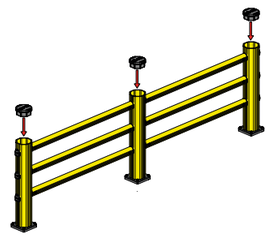
13



14



15

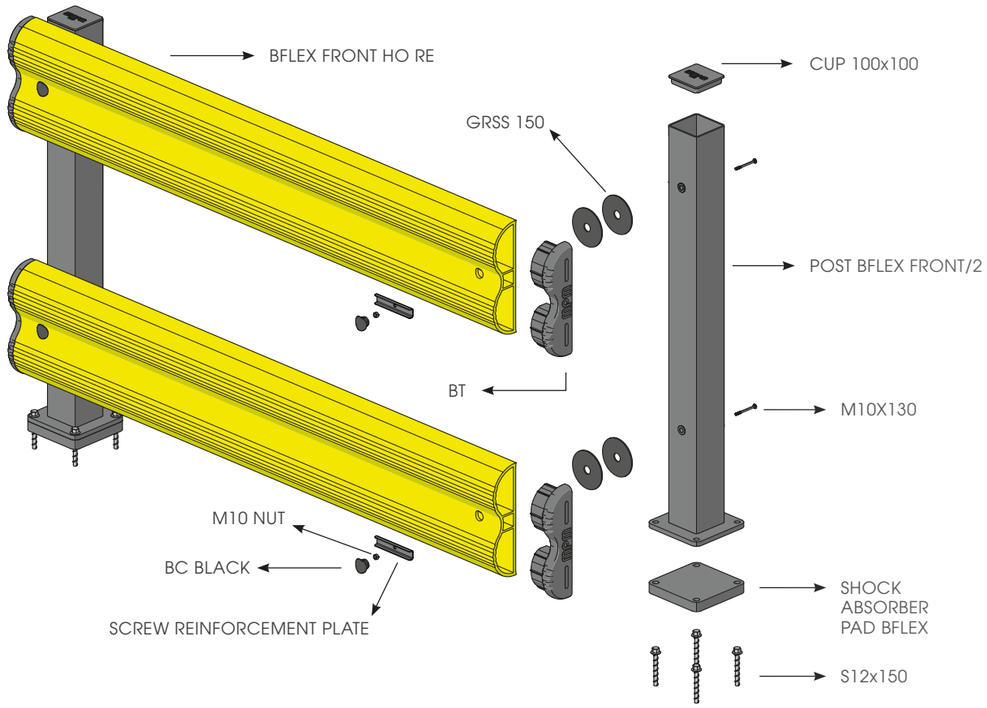


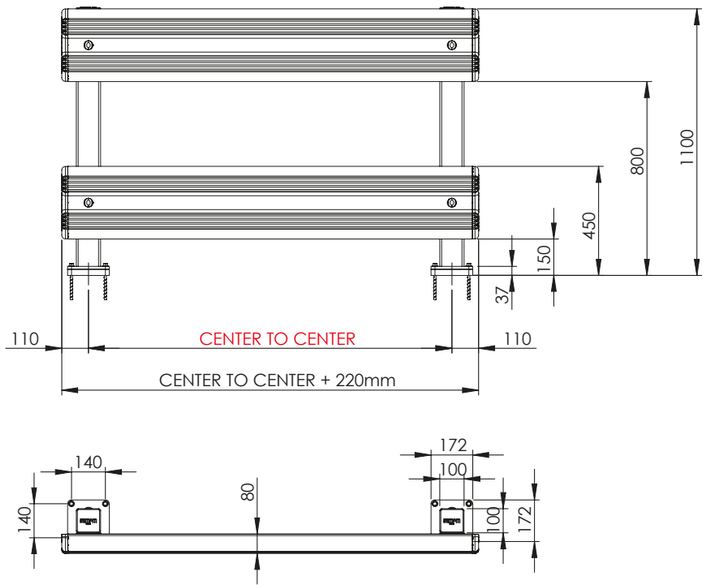
clarity

BFLEX.FRONT/2

BARRIERA DOPPIA FRONTALE – RACK END MODULO SINGOLO
FRONTAL DOUBLE RACK END BARRIER

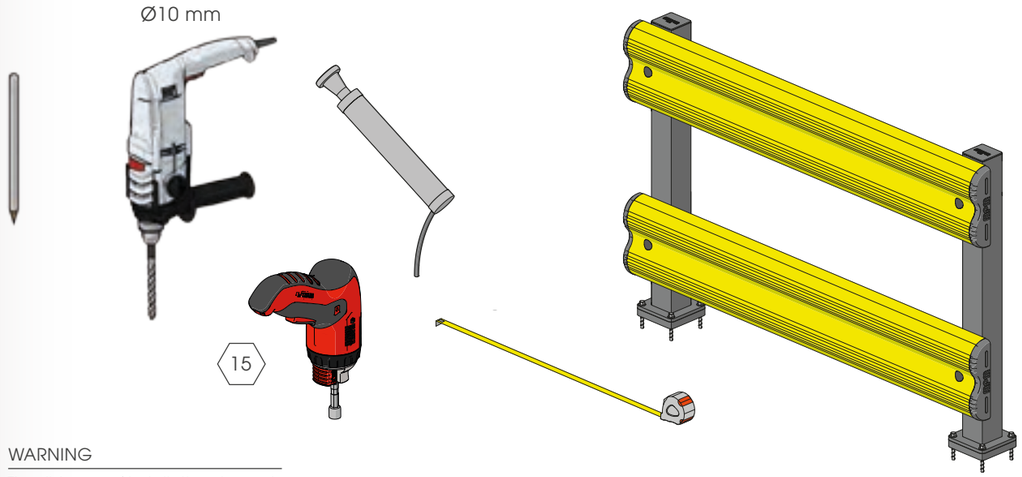
HEAVY LOAD / FOR FORKLIFTS





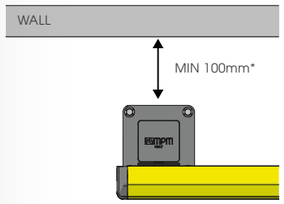
BFLEX.FRONT/2

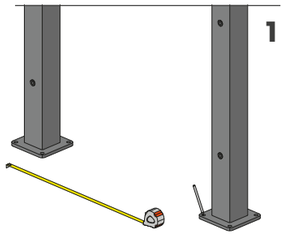
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

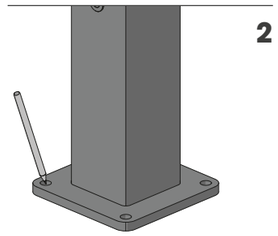


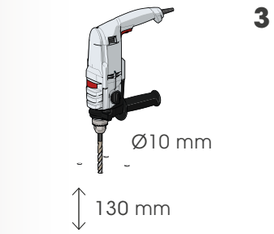
WARNING

The distance of installation depends on speed and weight of vehicle

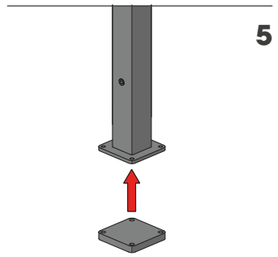


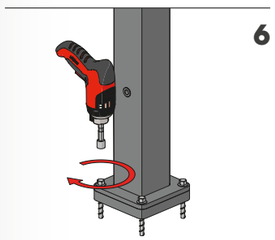


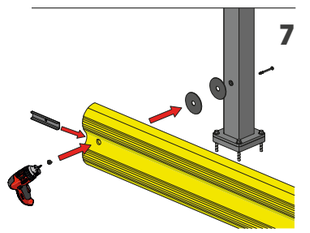


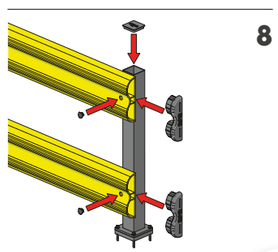








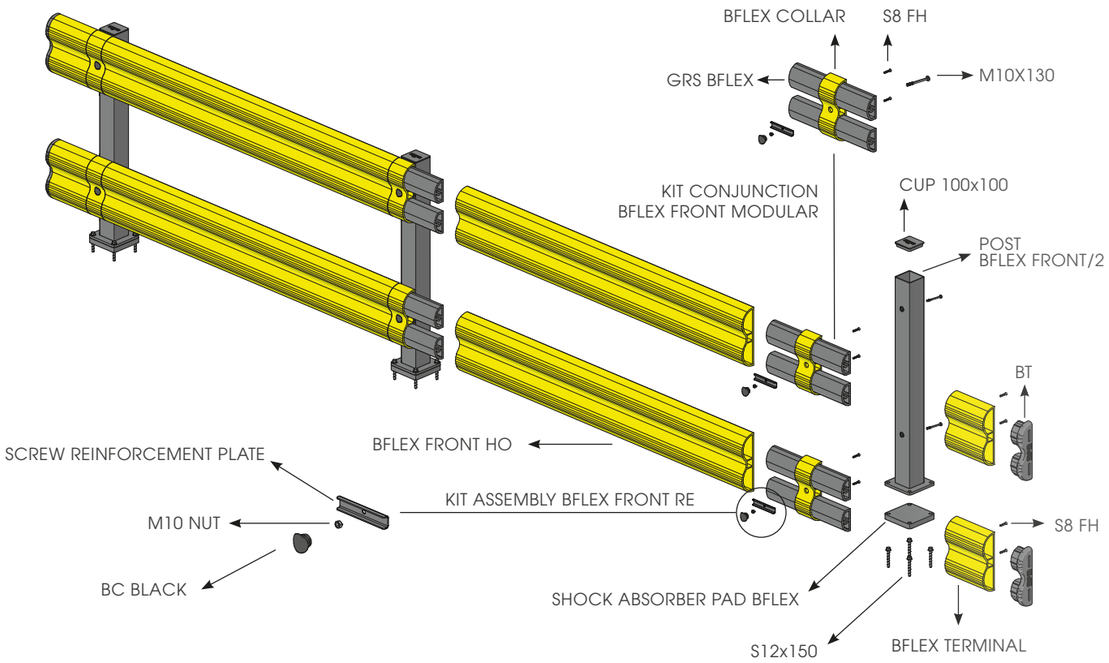


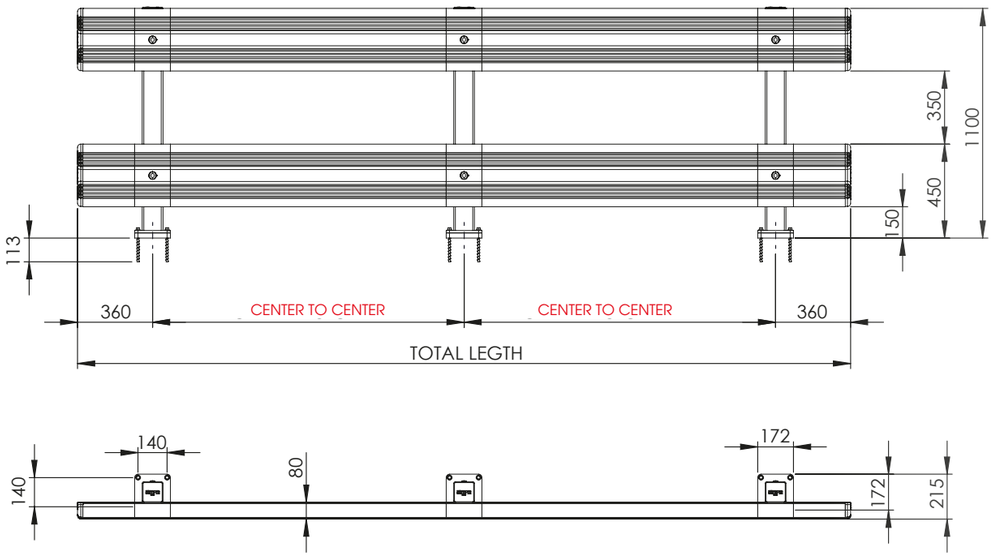


BFLEX.FRONT/2 MODULAR

BARRIERA DOPPIA FRONTALE MODULARE
FRONTAL DOUBLE BARRIER MODULAR

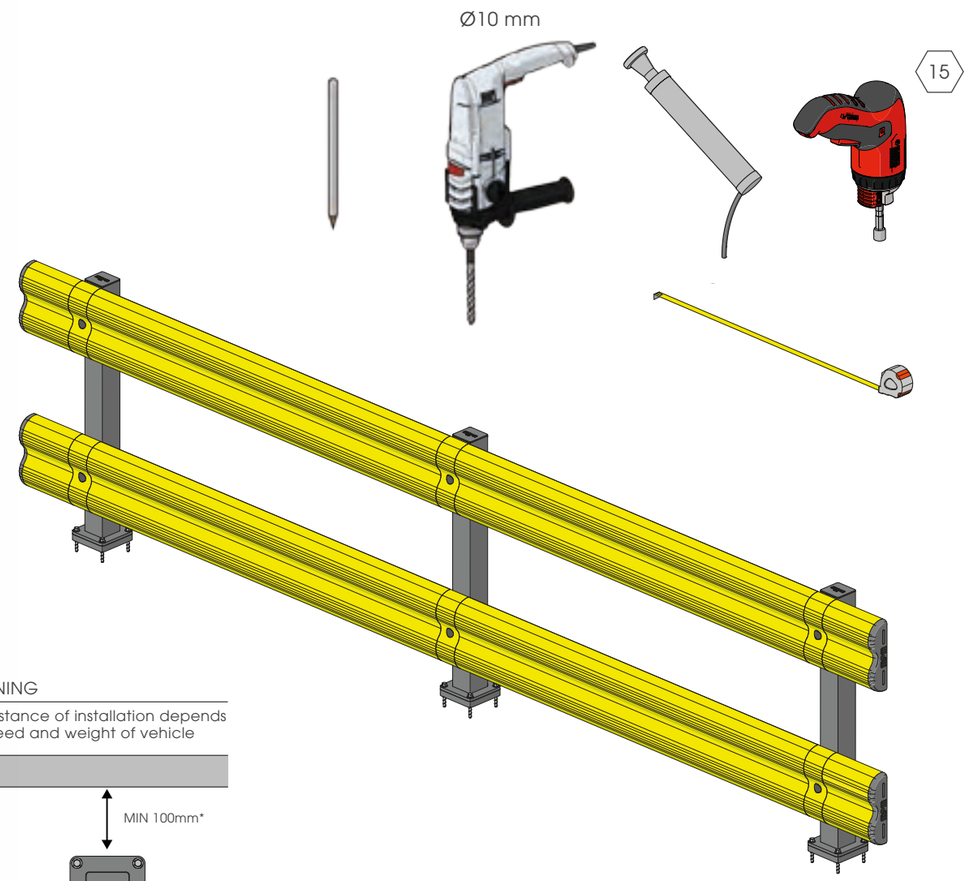
HEAVY LOAD / FOR FORKLIFTS





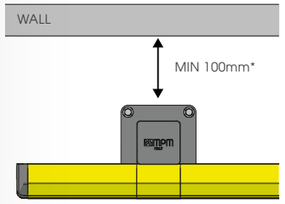
BFLEX.FRONT/2 MODULAR

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

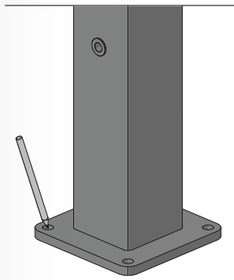


WARNING

The distance of installation depends on speed and weight of vehicle



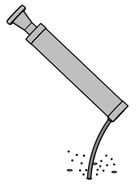
1



2



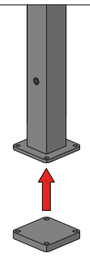
3



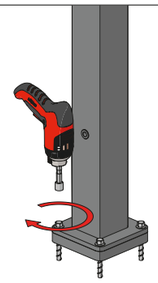
BFLEX.FRONT/2 MODULAR

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

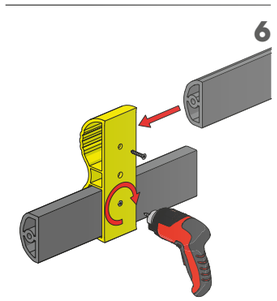
4



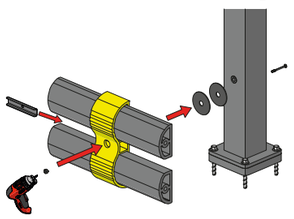
5



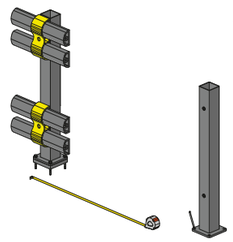
6



7



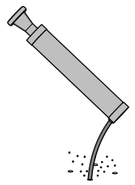
8



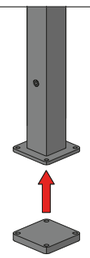
9



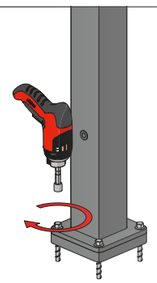
10



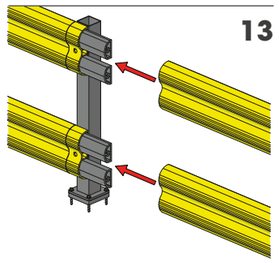
11



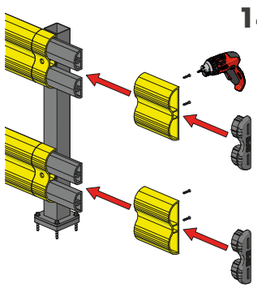
12



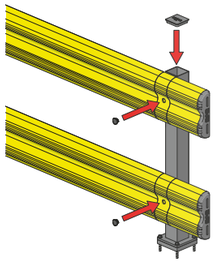
13



14



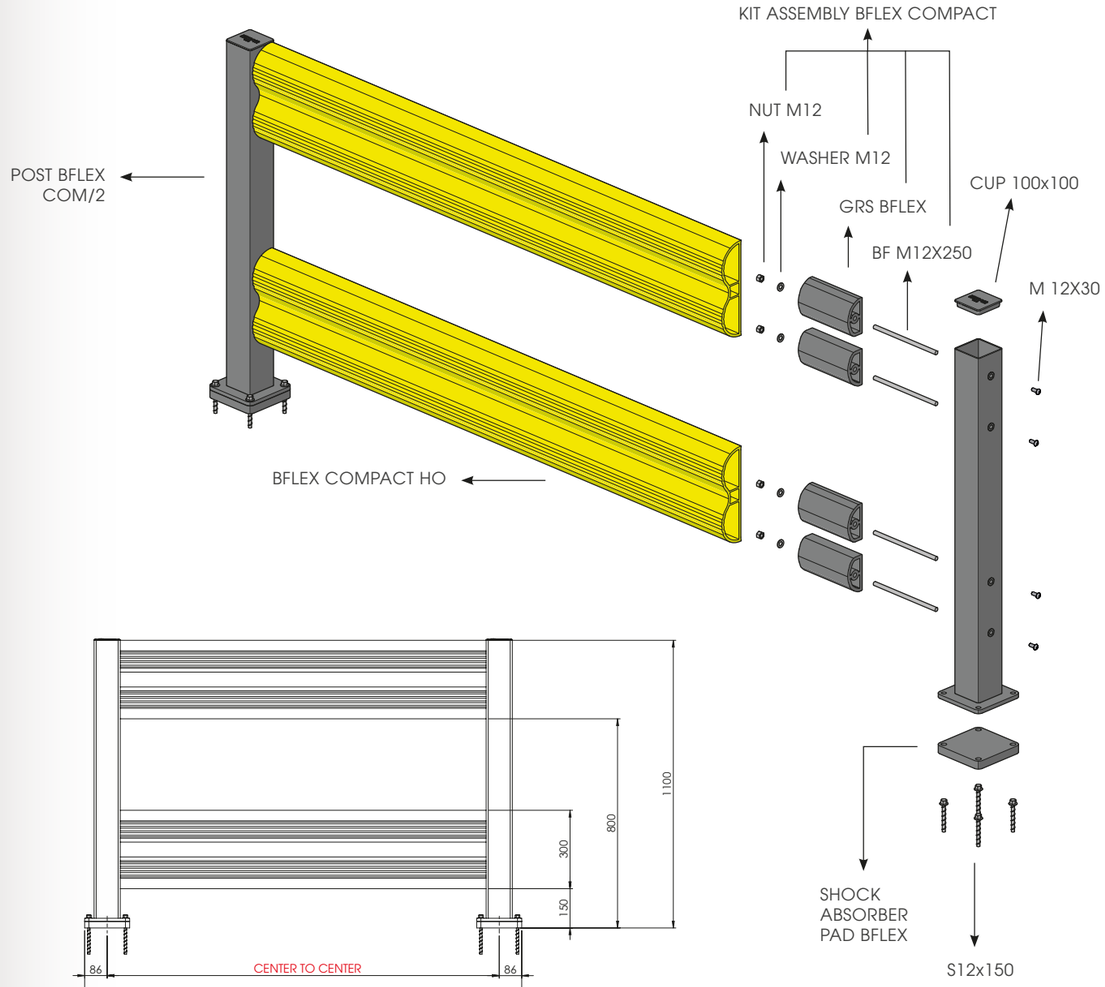
15

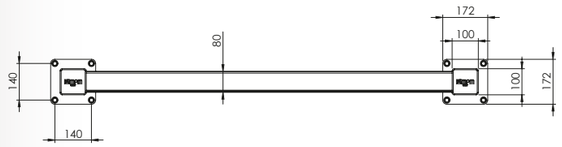


BFLEX.COM/2

BARRIERA DOPPIA COMPATTA
COMPACT DOUBLE BARRIER

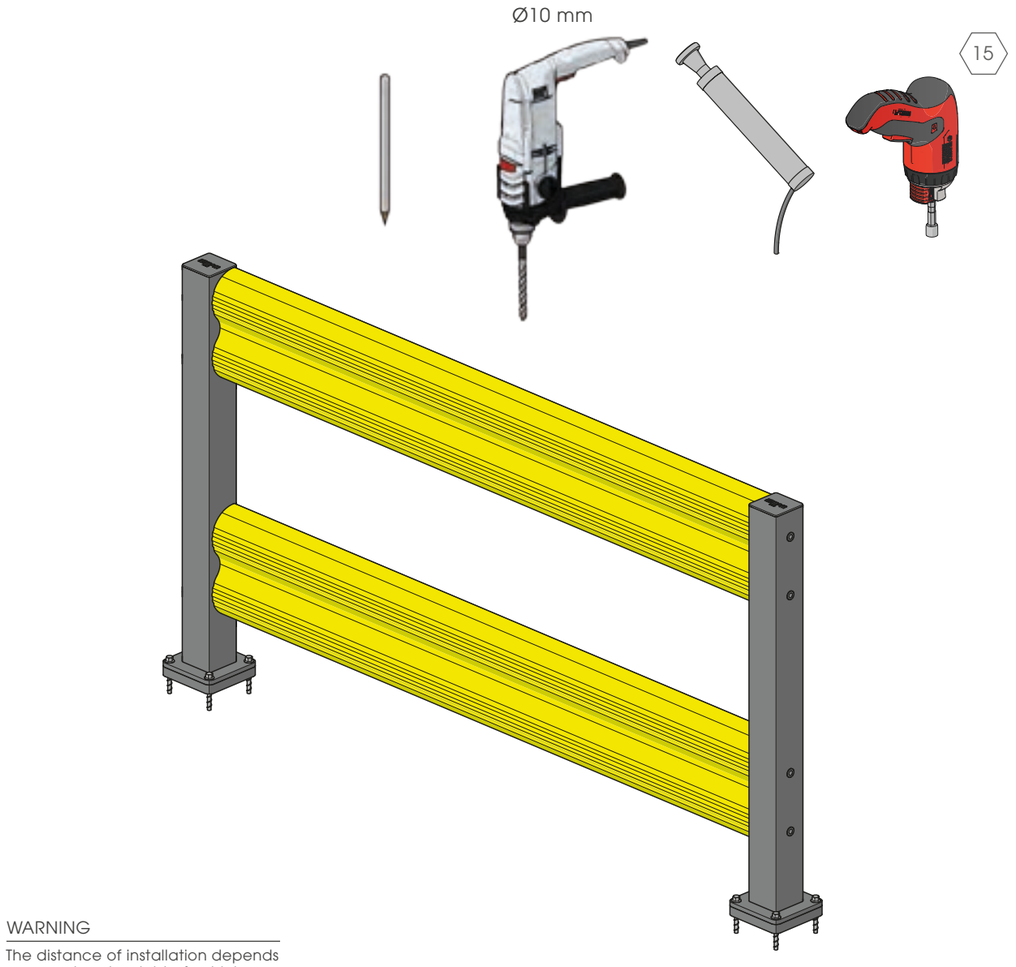
HEAVY LOAD / FOR FORKLIFTS





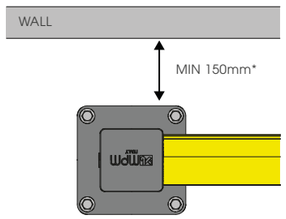
BFLEX.COM/2

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

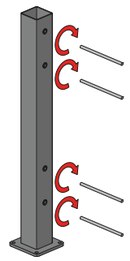


WARNING

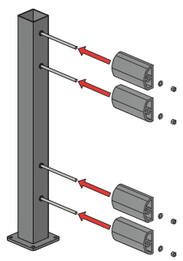
The distance of installation depends on speed and weight of vehicle



1



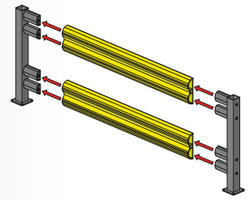
2



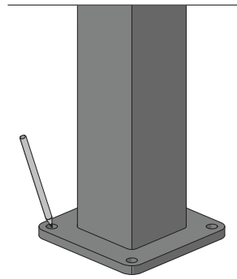
BFLEX.COM/2

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

3



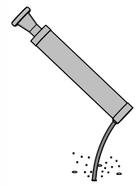
4



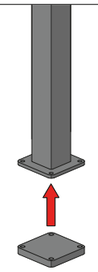
5



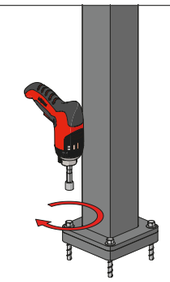
6



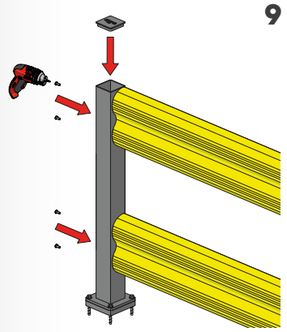
7



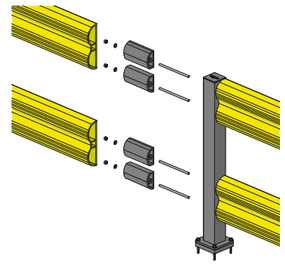
8



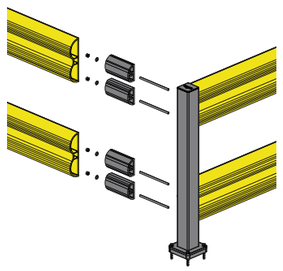
9



BFLEX.COM/2 MODULAR



BFLEX.COM/2 MODULAR CORNER

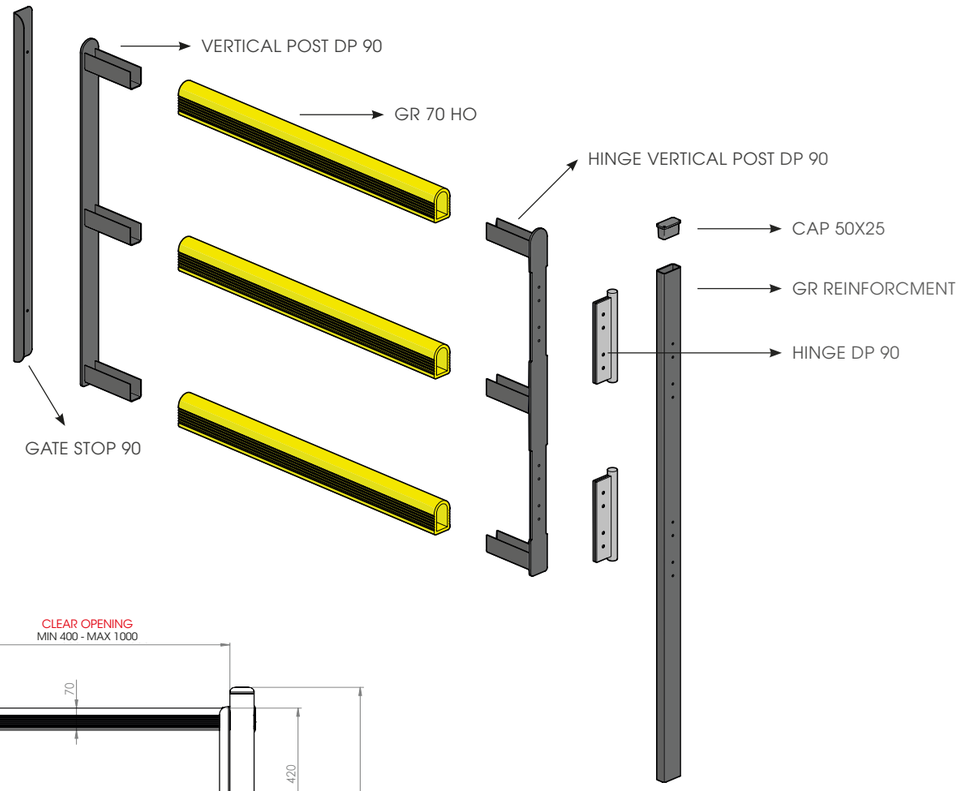


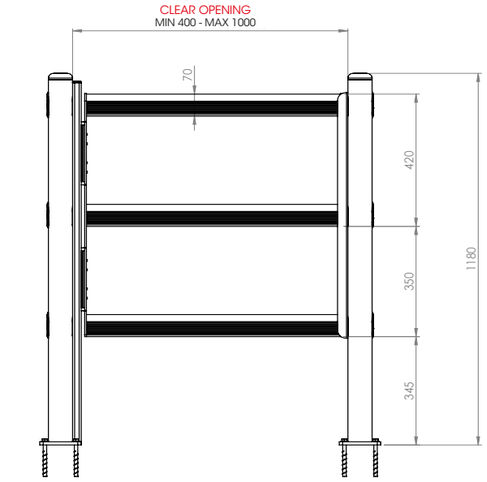
clarity

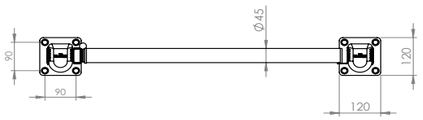
DP 90 ONE WAY

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

LIGHT LOAD / FOR HAND PALLET TRUCKS





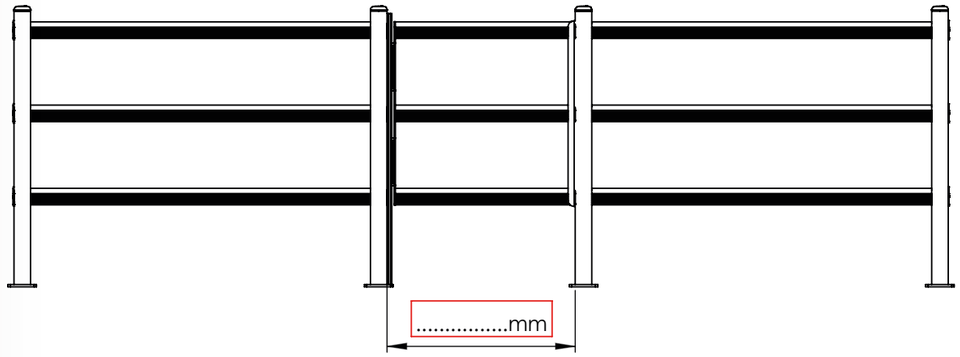




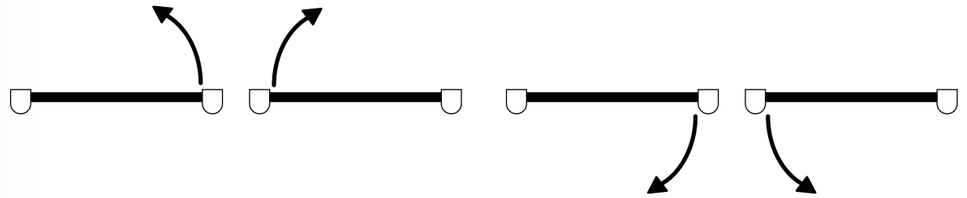
DP 90 ONE WAY

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

PLEASE CHECK HERE BELOW
HOW THE SIZE OF THE DOOR IS TO BE MEASURED



PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED



☐ A ☐ B ☐ C ☐ D

clarity

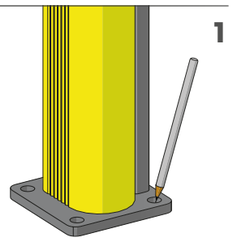
DP 90 ONE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

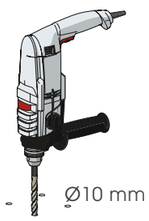




1



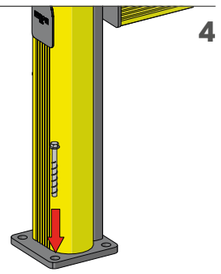
2



3



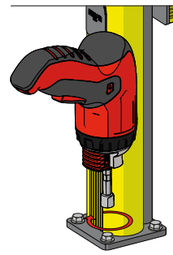
4



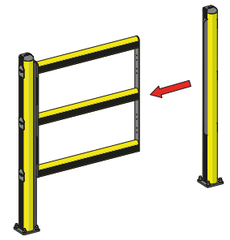
DP 90 ONE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

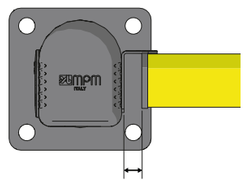
5



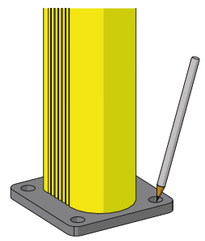
6



7



8



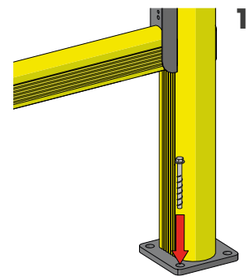
9



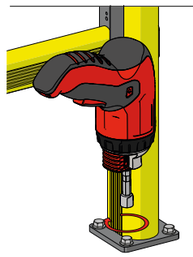
10



11



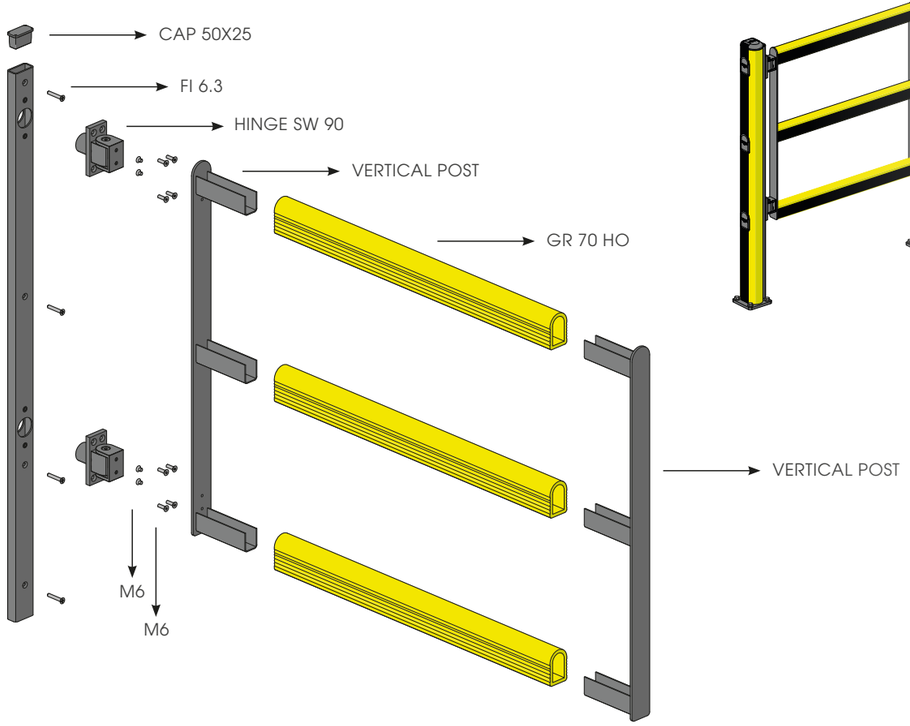
12

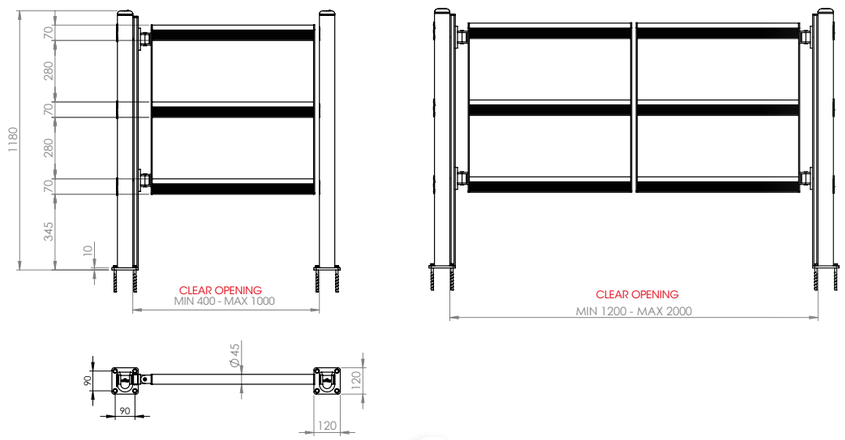


DP 90 SWING

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

LIGHT LOAD / FOR HAND PALLET TRUCKS

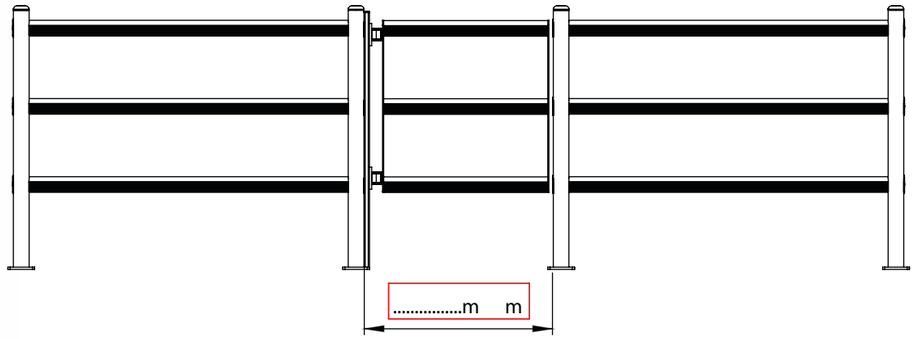




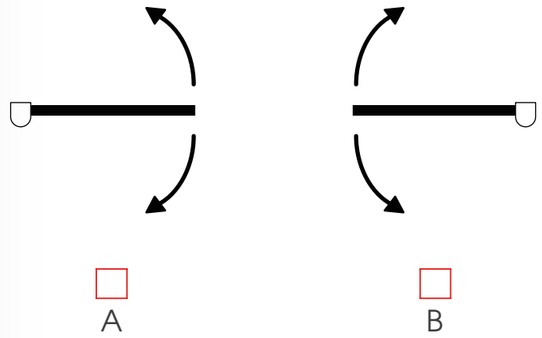
DP 90 SWING

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

PLEASE CHECK HERE BELOW
HOW THE SIZE OF THE DOOR IS TO BE MEASURED



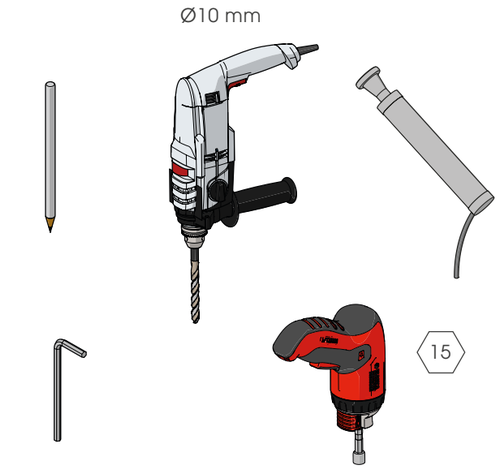
PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED

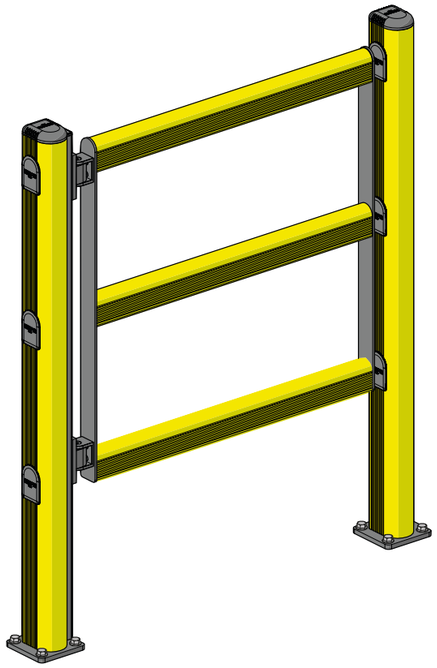


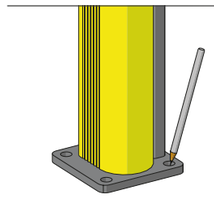
clarity

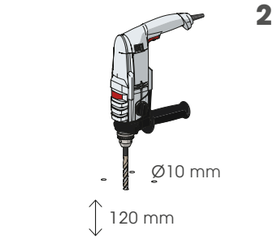
DP 90 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

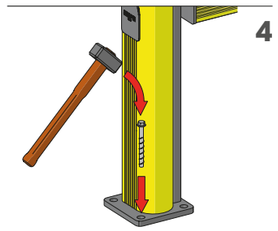


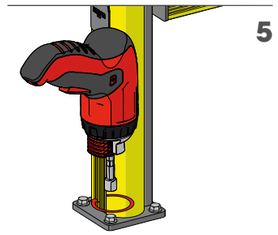






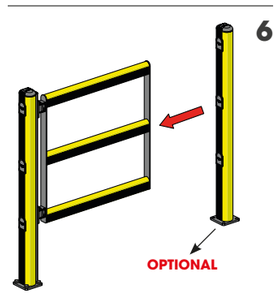


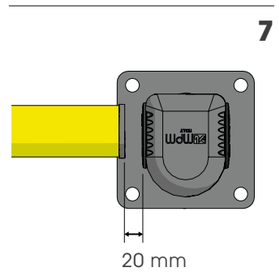


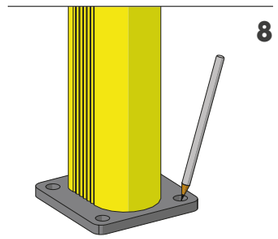


DP 90 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

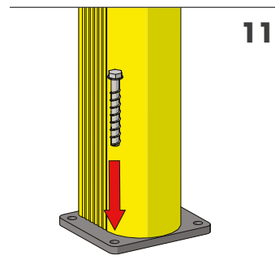


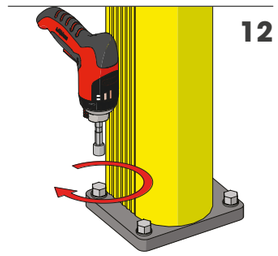


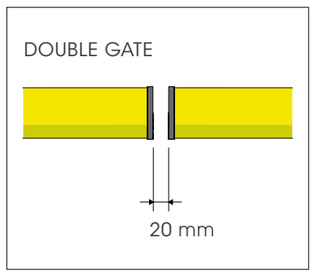








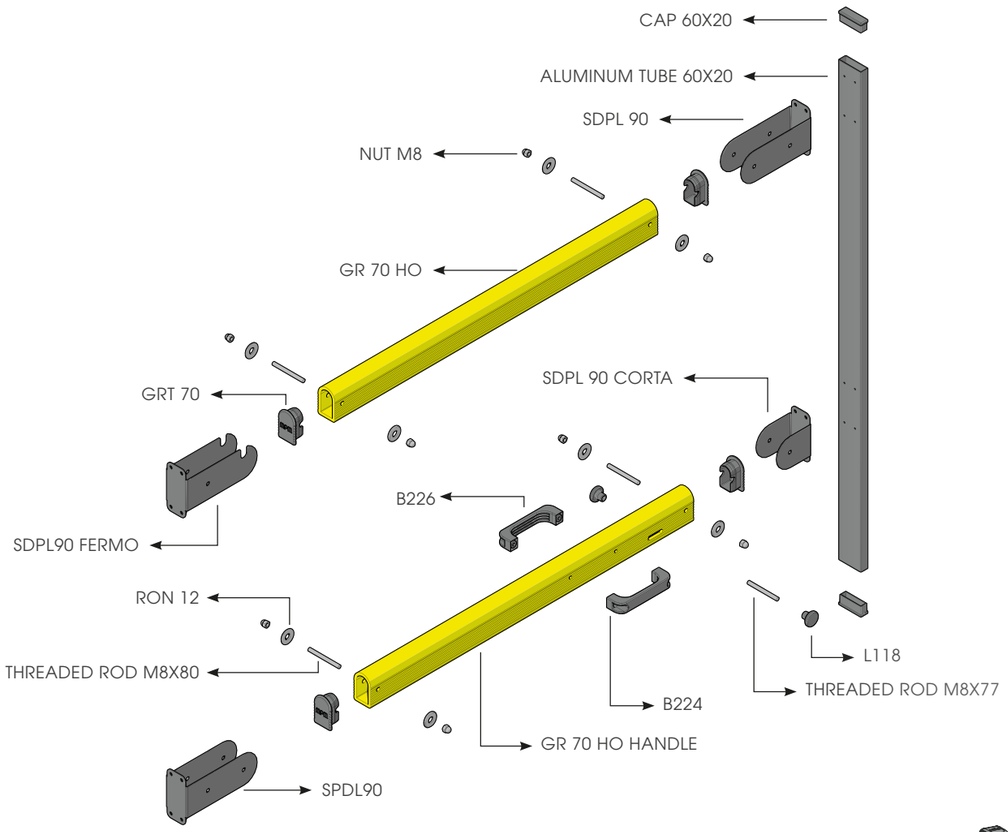


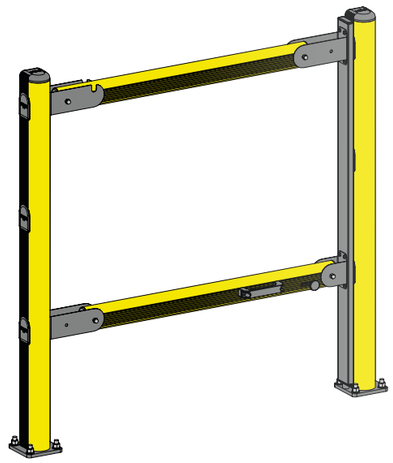


LIFT GATE 90

CANCELLO PEDESTRIAN 90
GATE FOR PEDESTRIAN 90

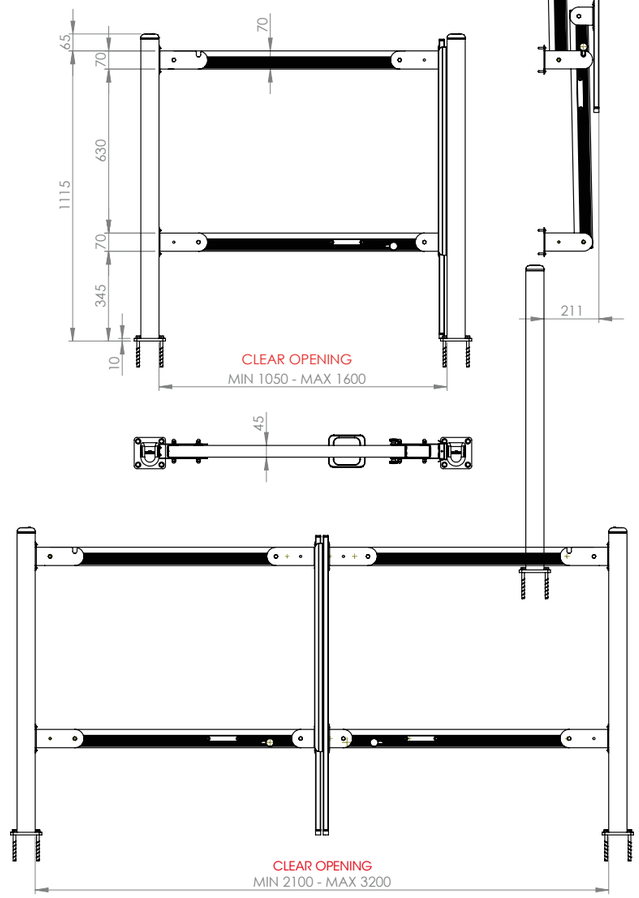
LIGHT LOAD / FOR HAND PALLET TRUCKS



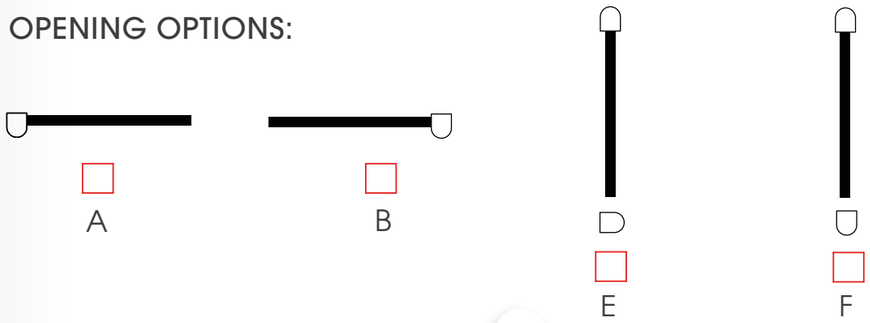


LIFT GATE 90

CANCELLO PEDESTRIAN 90
GATE FOR PEDESTRIAN 90



OPENING OPTIONS:

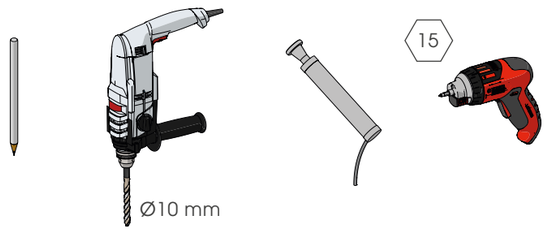


LIFT GATE 90

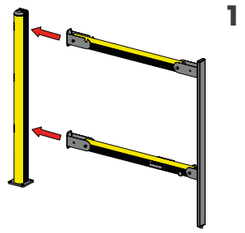
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

WARNING

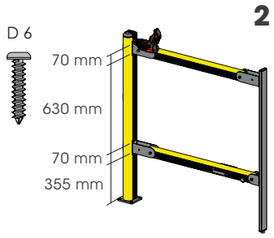
The distance of installation depends on speed and weight of vehicle



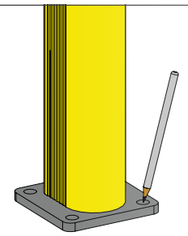
1



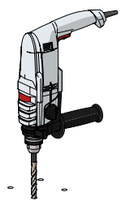
2



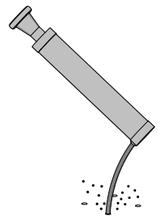
3



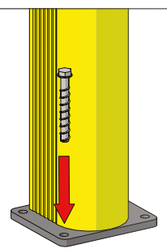
4



5



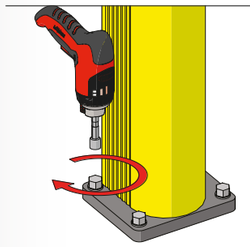
6



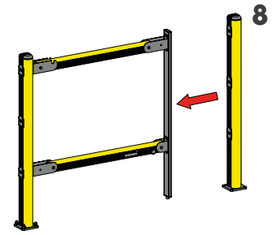
LIFT GATE 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

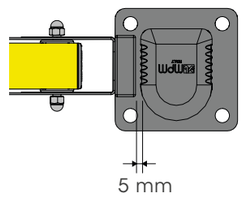
7



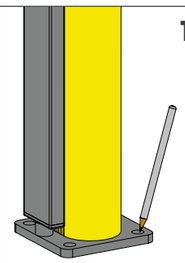
8



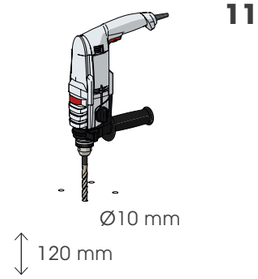
9



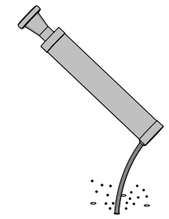
10



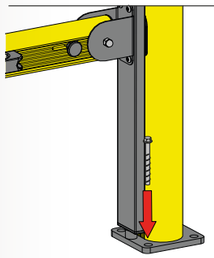
11



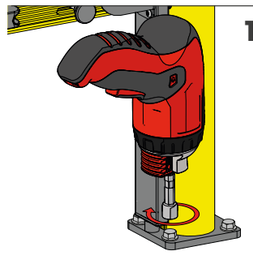
12



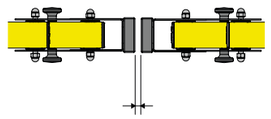
13



14



DOUBLE GATE

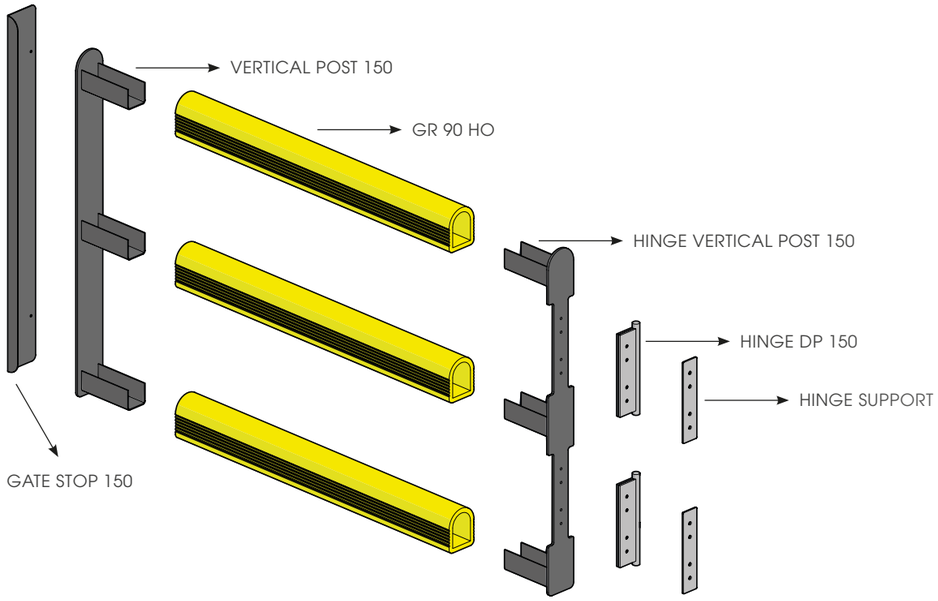


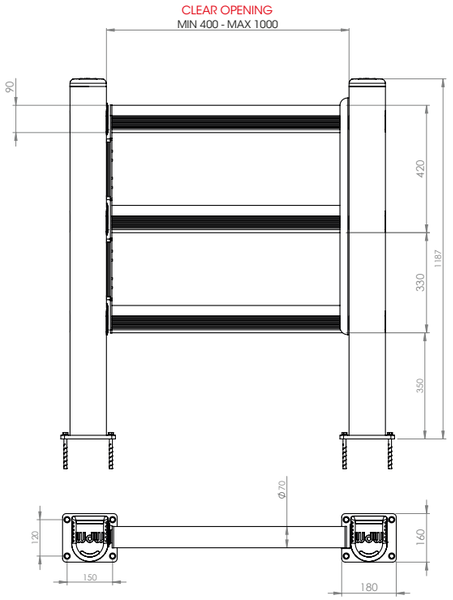
clarity

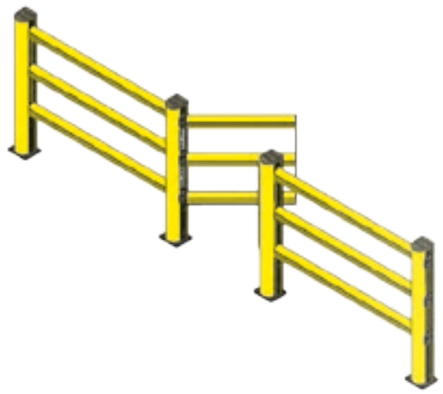
DP 150 ONE WAY

PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150

HEAVY LOAD / FOR FORKLIFTS



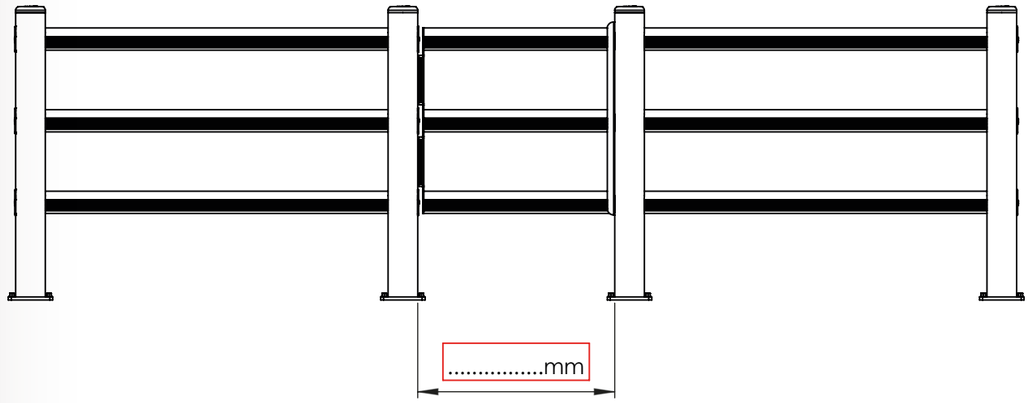




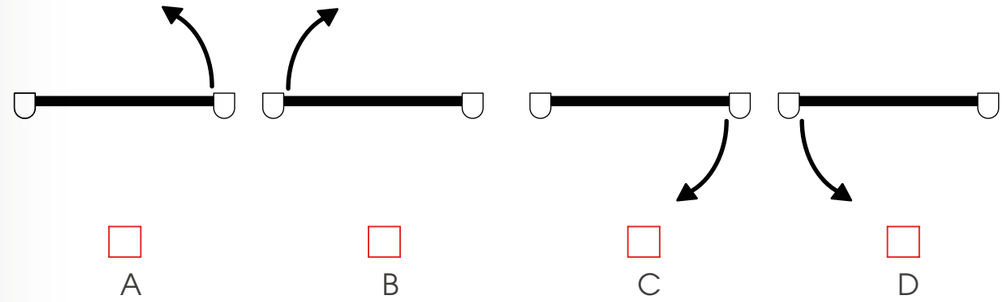
DP 150 ONE WAY

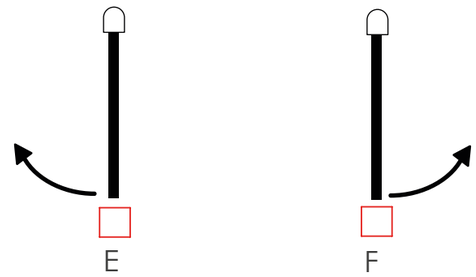
PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150

PLEASE CHECK HERE BELOW
HOW THE SIZE OF THE DOOR IS TO BE MEASURED



PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED



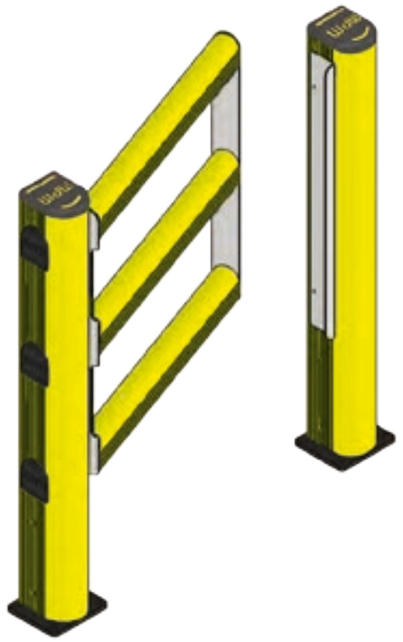


clarity

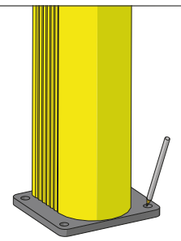
DP 150 ONE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

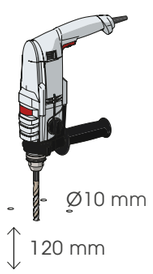




1



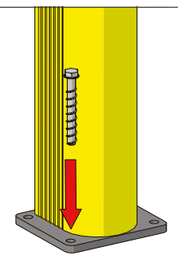
2



3



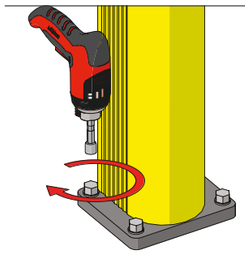
4



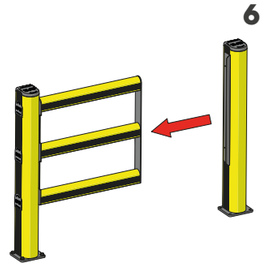
DP 150 ONE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

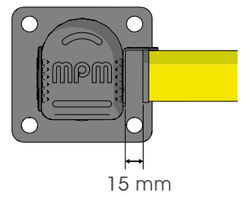
5



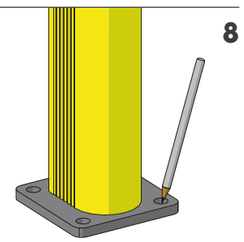
6



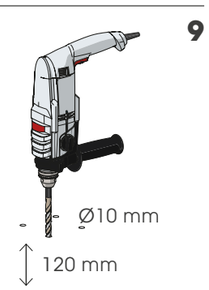
7



8



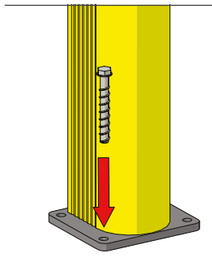
9



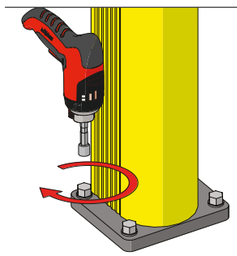
10



11



12

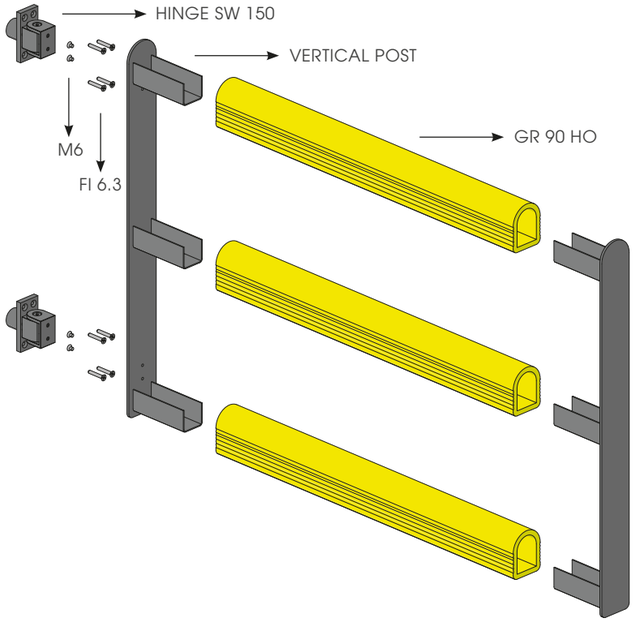


clarity

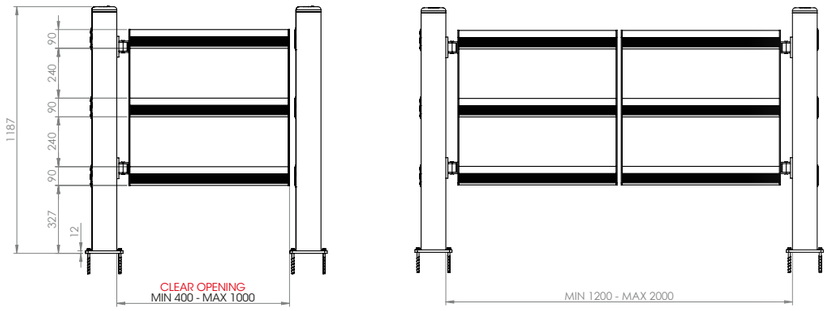
DP 150 SWING

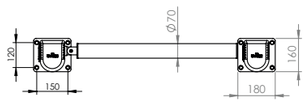
PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

HEAVY LOAD / FOR FORKLIFTS





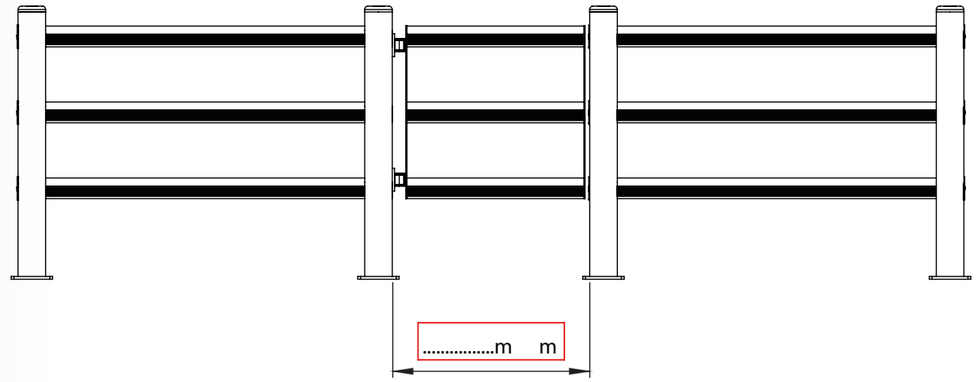




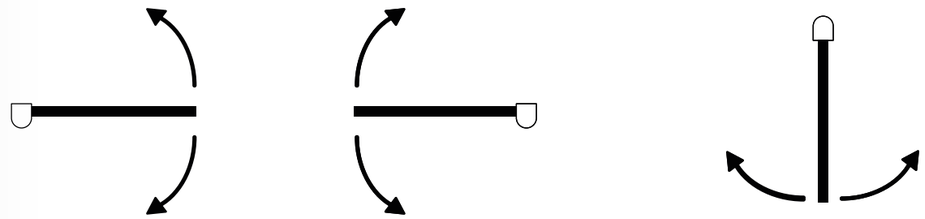
DP 150 SWING

PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150

PLEASE CHECK HERE BELOW
HOW THE SIZE OF THE DOOR IS TO BE MEASURED



PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED

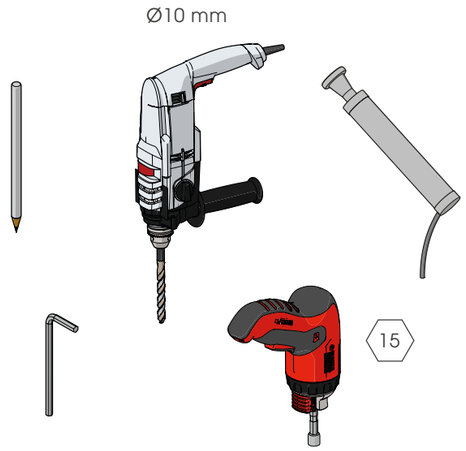


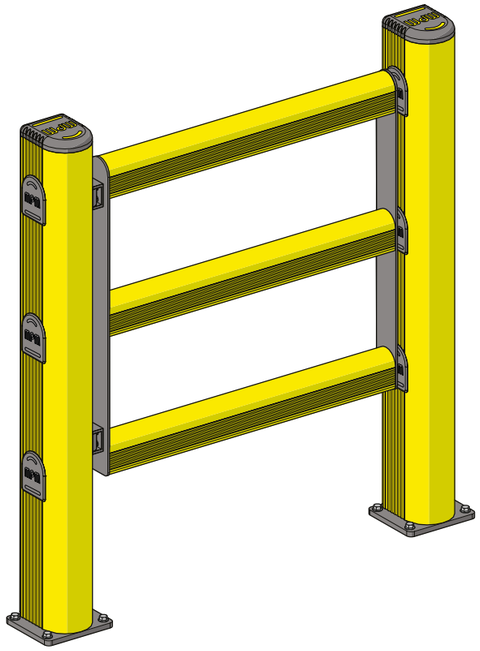
☐ A ☐ B ☐ E

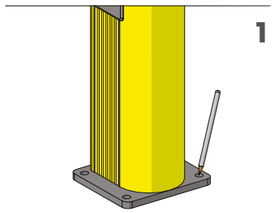
clarity

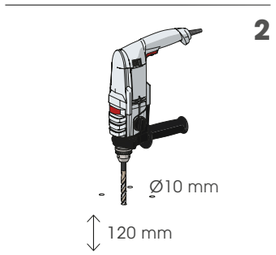
DP 150 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

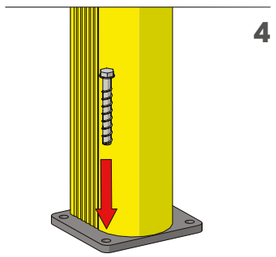


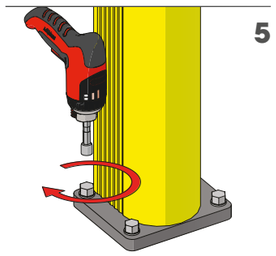






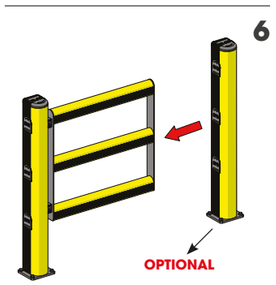


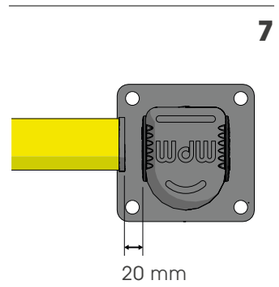


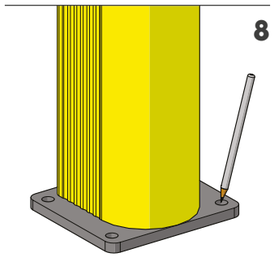


DP 150 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

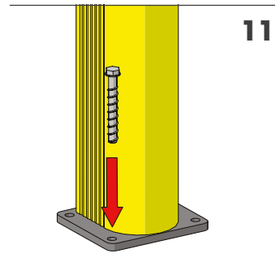


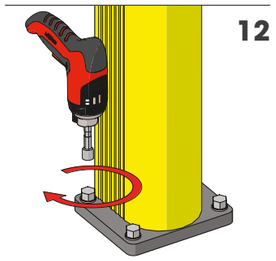


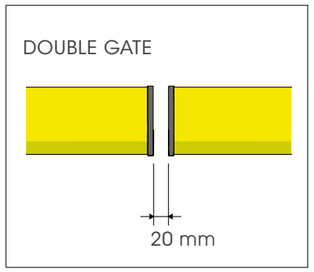










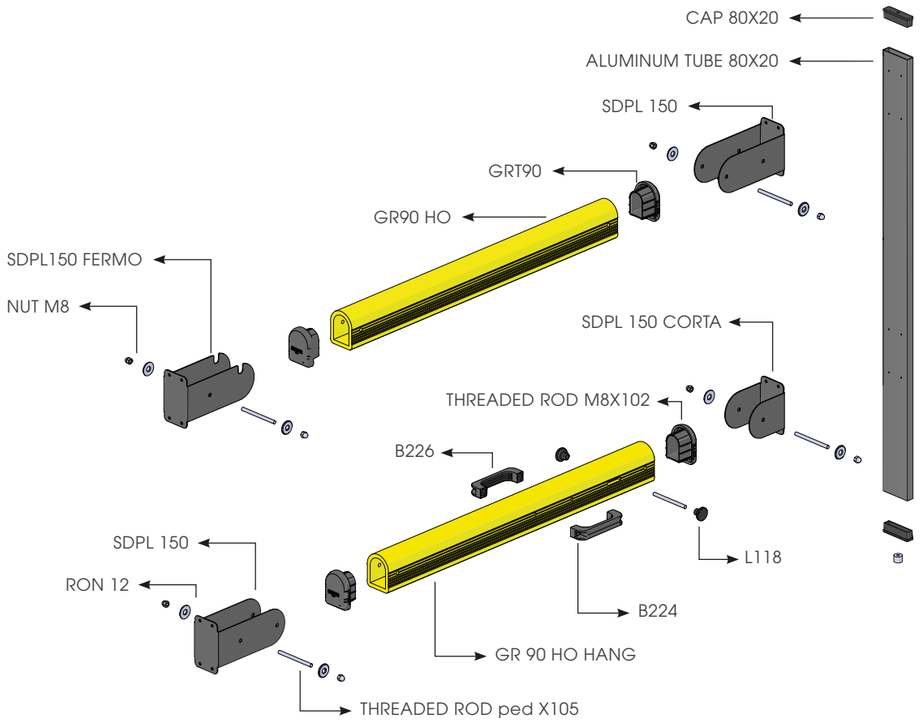


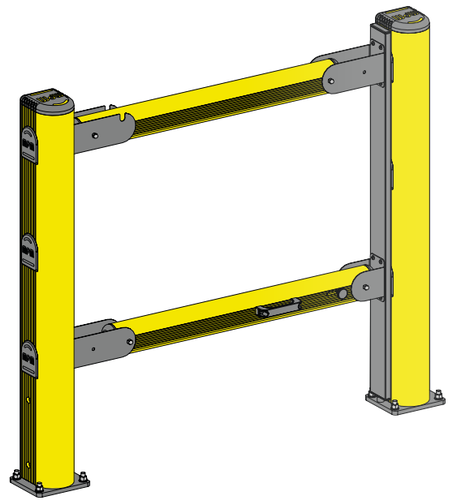
clarity

LIFT GATE 150

CANCELLO PEDESTRIAN 150
GATE FOR PEDESTRIAN 150

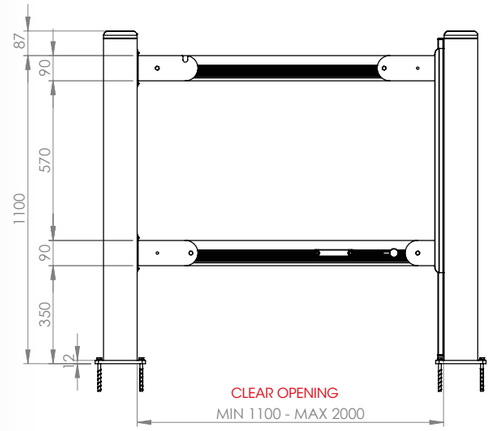
HEAVY LOAD / FOR FORKLIFTS

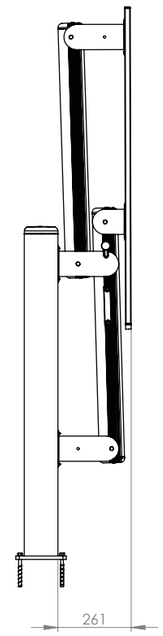


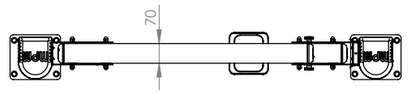


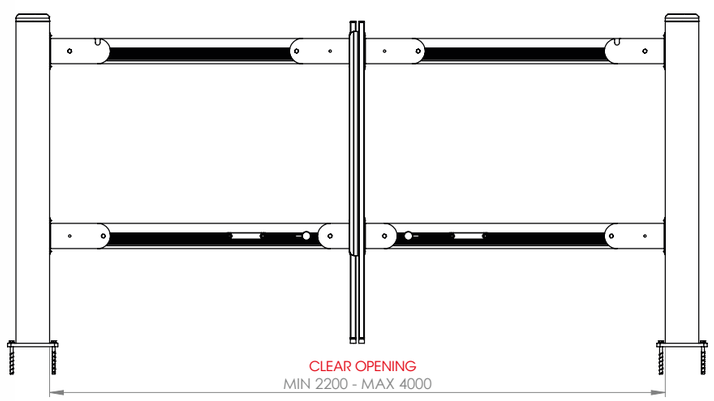
LIFT GATE 150

CANCELLO PEDESTRIAN 150
GATE FOR PEDESTRIAN 150

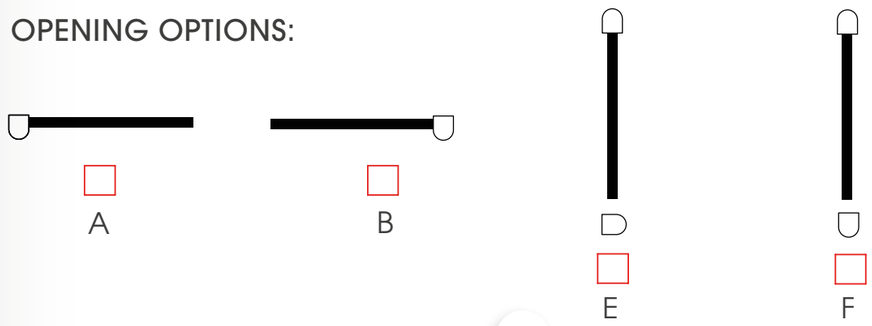






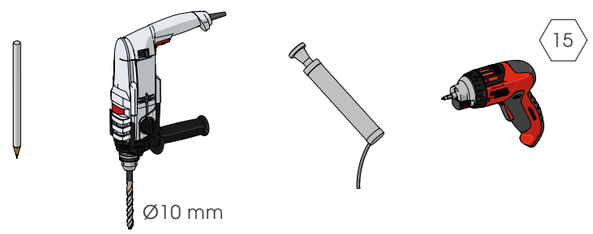


OPENING OPTIONS:

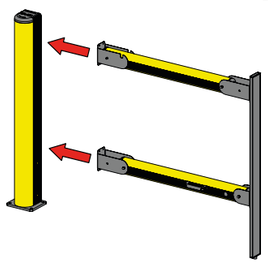


LIFT GATE 150

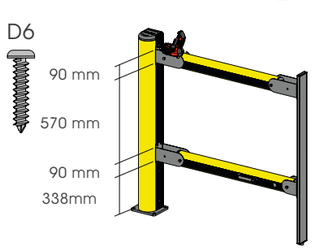
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



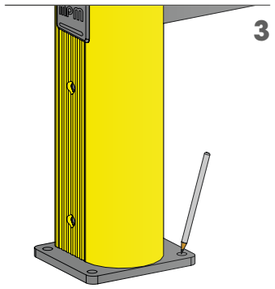
1



2



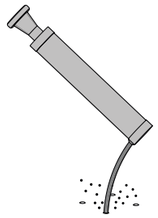
3



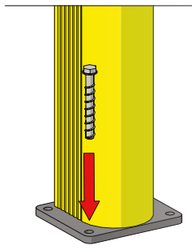
4



5



6

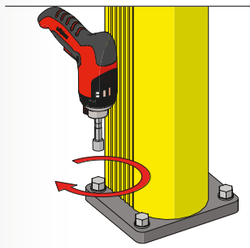


6 **GATES** LIFT GATE 150

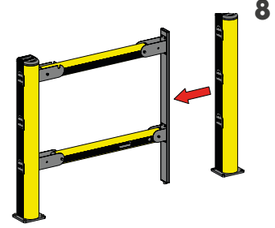
LIFT GATE 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

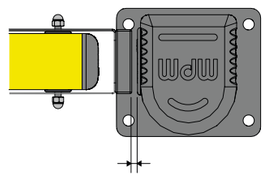
7



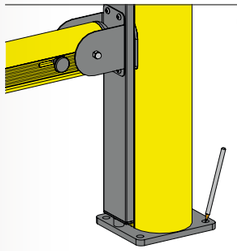
8



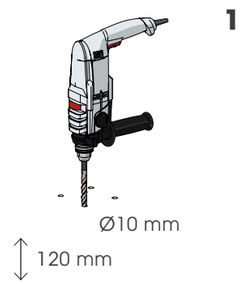
9



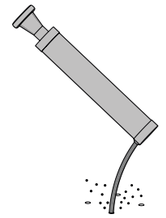
10



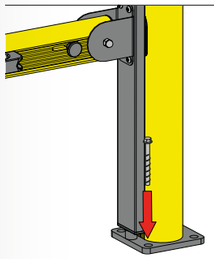
11



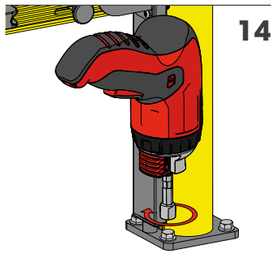
12

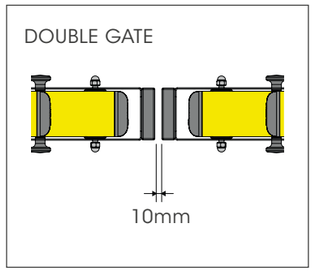


13



14



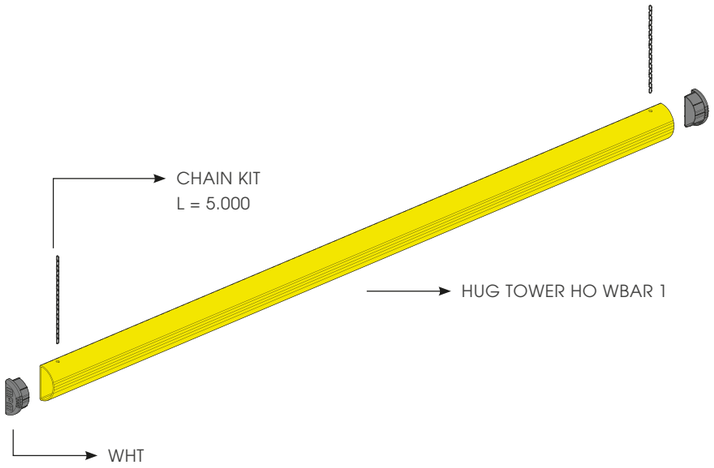


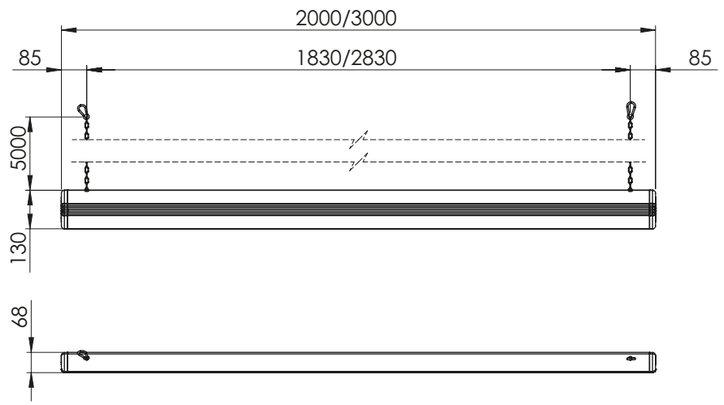
clarity

WARNING BAR

WARNING BAR

HEAVY LOAD / FOR FORKLIFTS

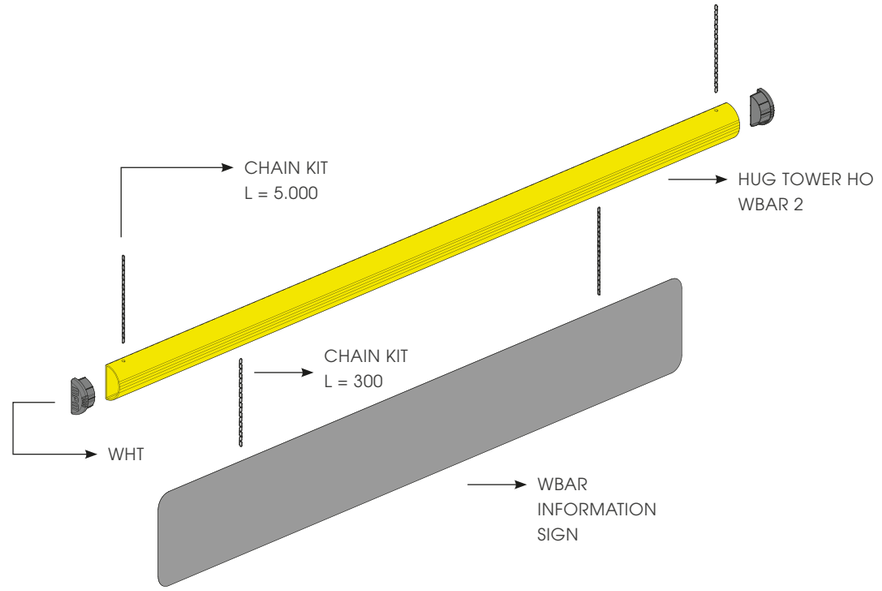


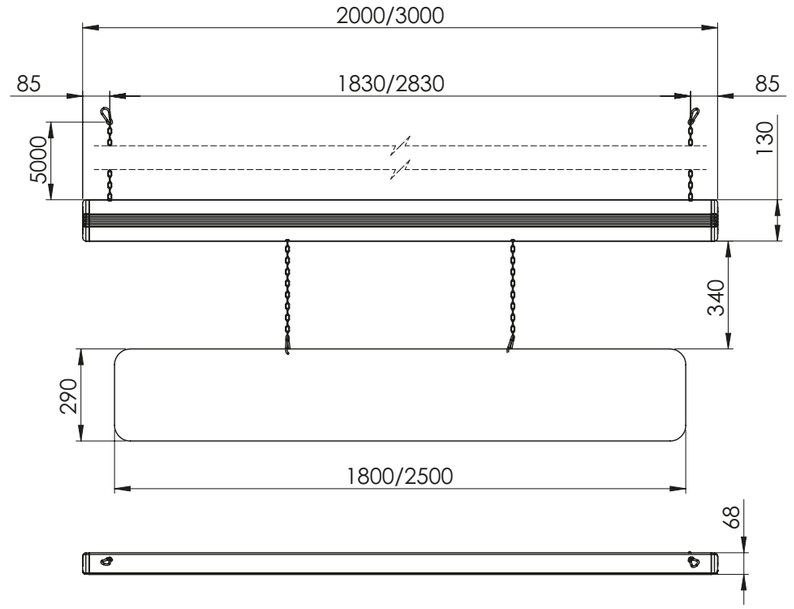


WARNING BAR
INFORMATION SIGN

WARNING BAR

HEAVY LOAD / FOR FORKLIFTS

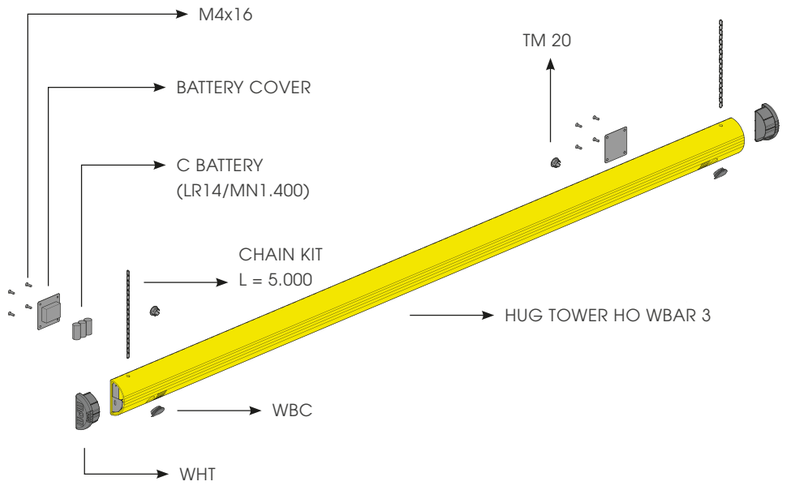


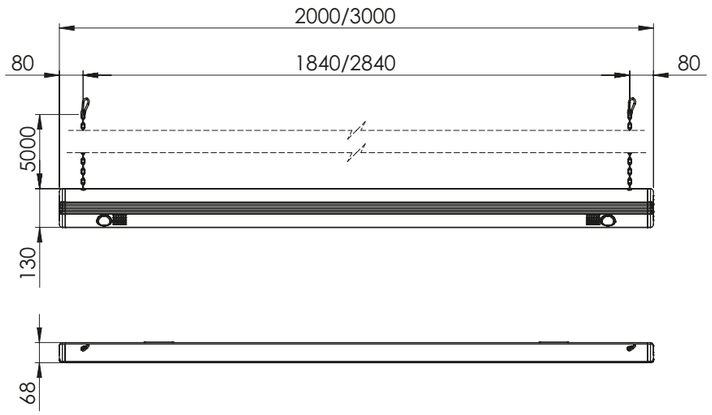


WARNING BAR
LIGHT & SOUND

HEAVY LOAD / FOR FORKLIFTS

WARNING BAR

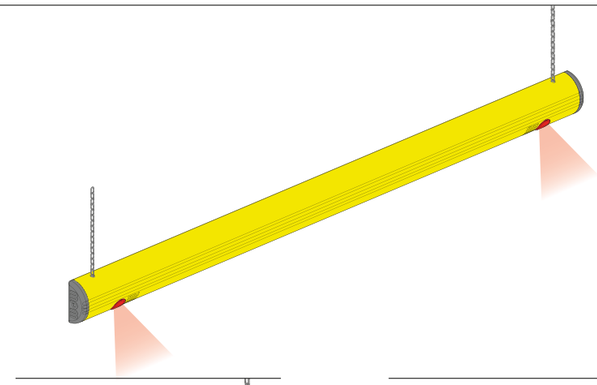


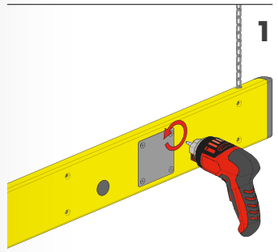


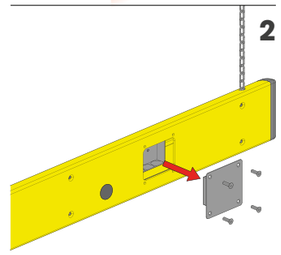
WARNING BAR
LIGHT & SOUND

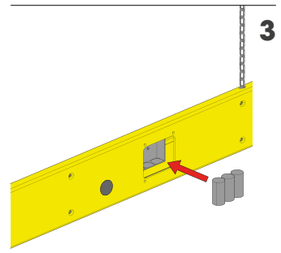
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

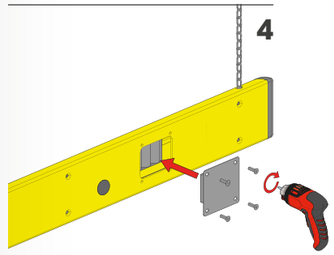


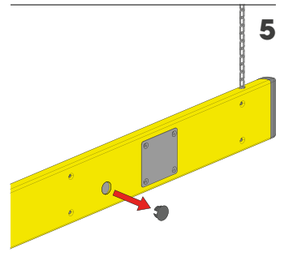




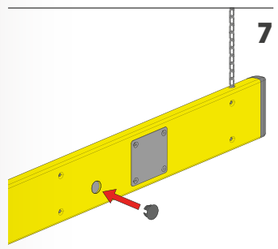










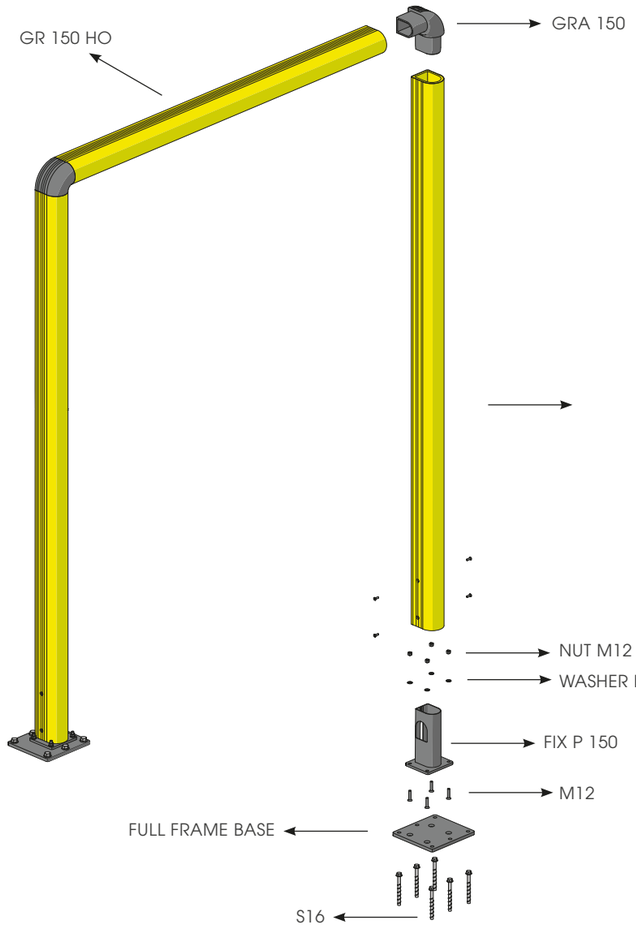


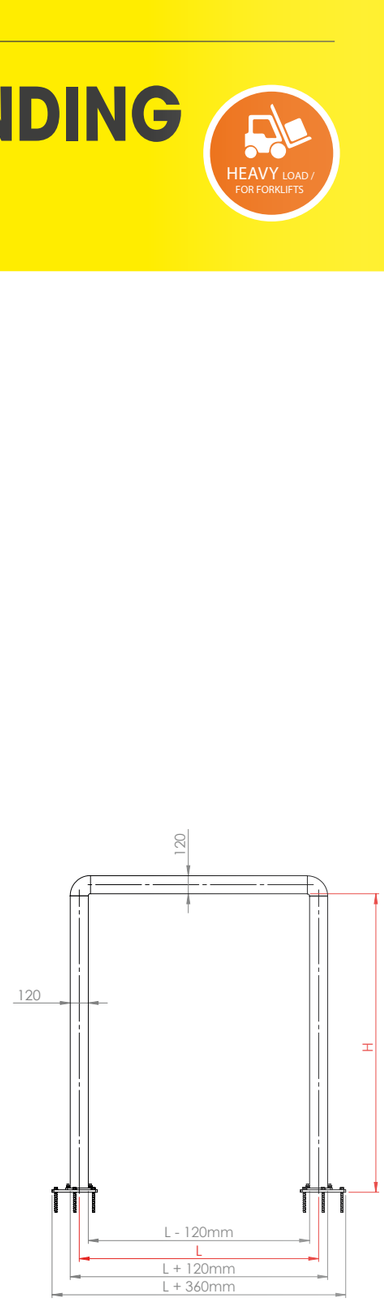
clarity

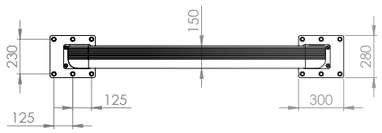
FULL FRAME SELF STANDING

HEAVY LOAD / FOR FORKLIFTS

PROTEZIONE PORTA FULL FRAME
FULL FRAME DOOR PROTECTION





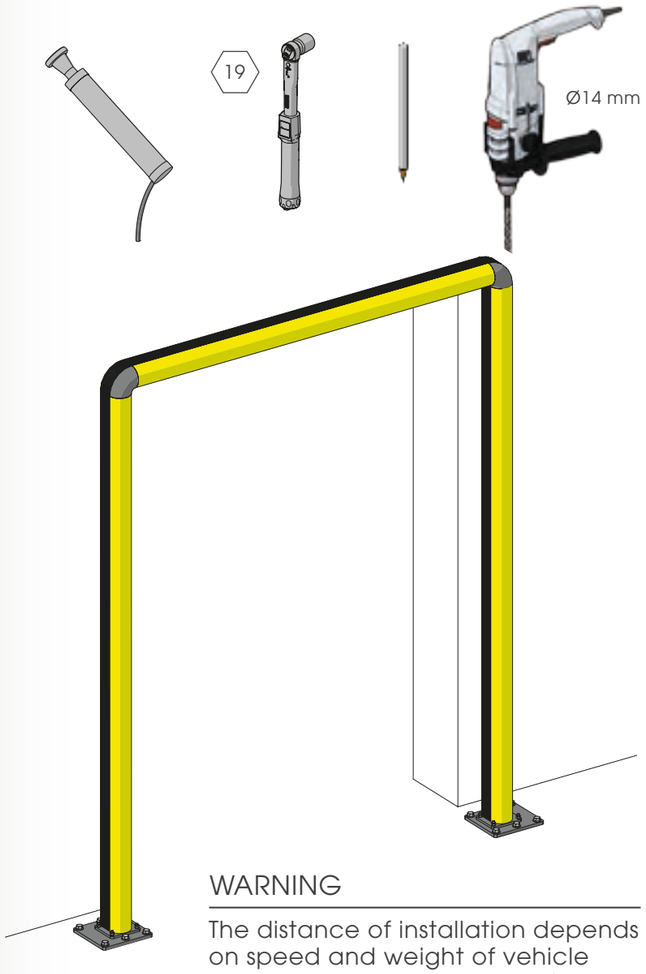


WARNING SELF STANDING

Full Frame up to 5000mm high and 4500mm wide can be used without being mounted to the wall

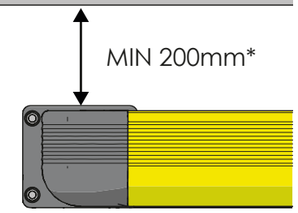
FULL FRAME SELF STANDING

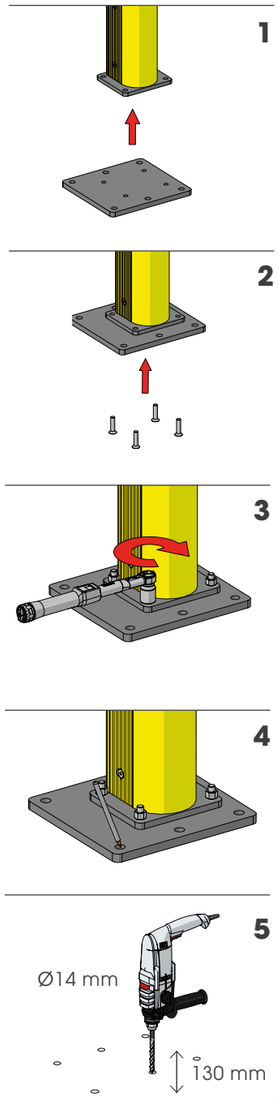
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



WARNING

The distance of installation depends on speed and weight of vehicle and also on the dimension of the full frame





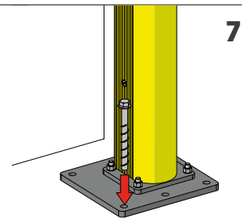
FULL FRAME SELF STANDING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

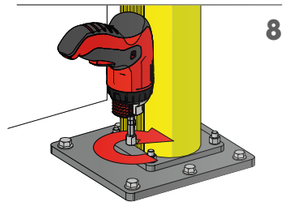
6



7



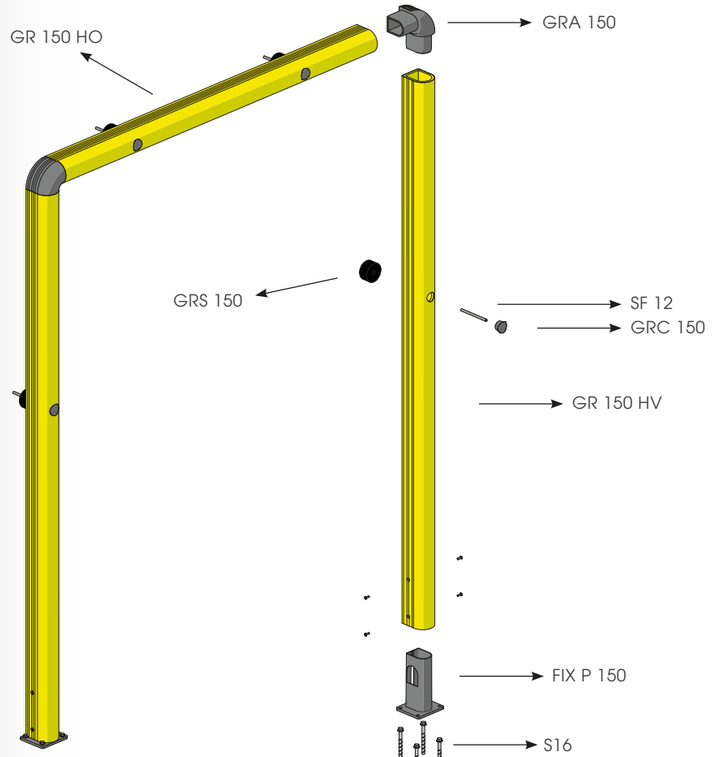
8

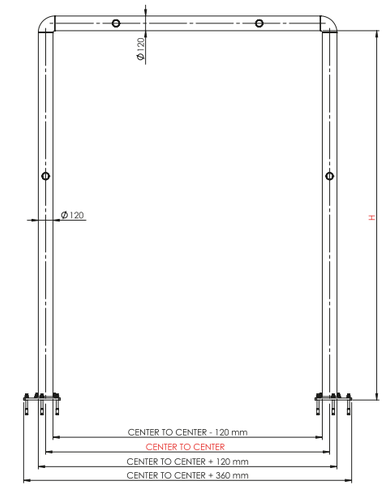


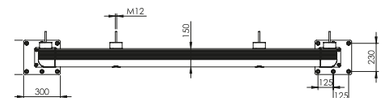
FULL FRAME WALL FIXING

HEAVY LOAD / FOR FORKLIFTS

PROTEZIONE PORTA FULL FRAME
FULL FRAME DOOR PROTECTION

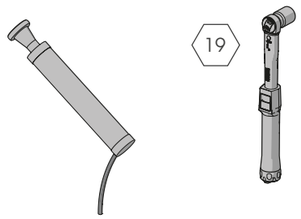




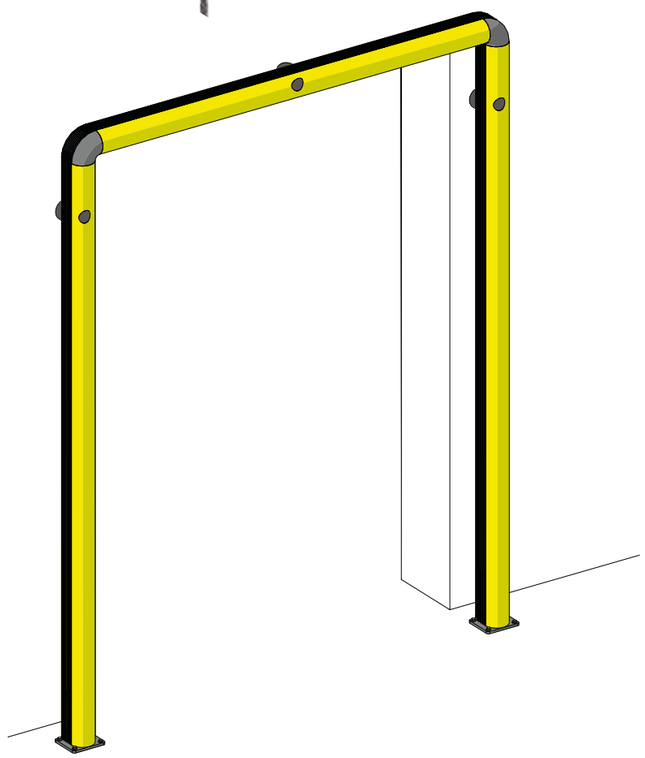


FULL FRAME WALL FIXING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

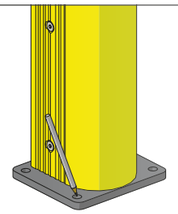






* Fixings for solid walls included

1



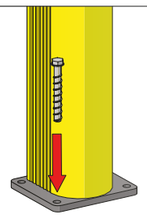
2



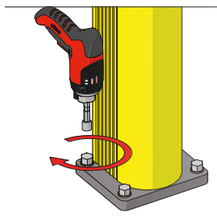
3



4



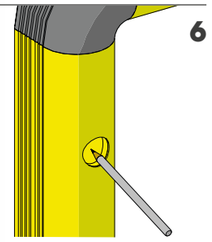
5



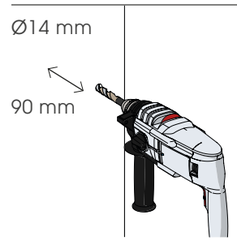
FULL FRAME WALL FIXING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

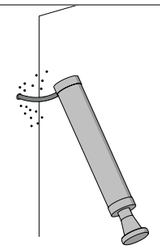
6



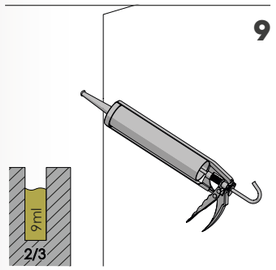
7



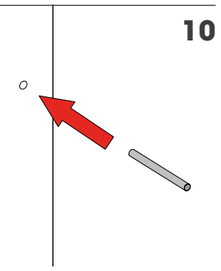
8



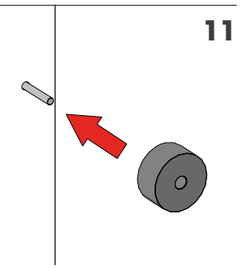
9



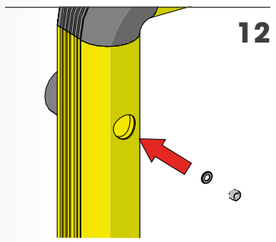
10



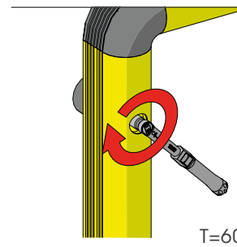
11



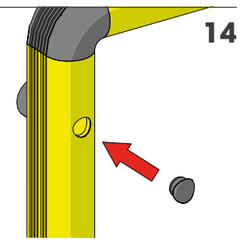
12



13



14

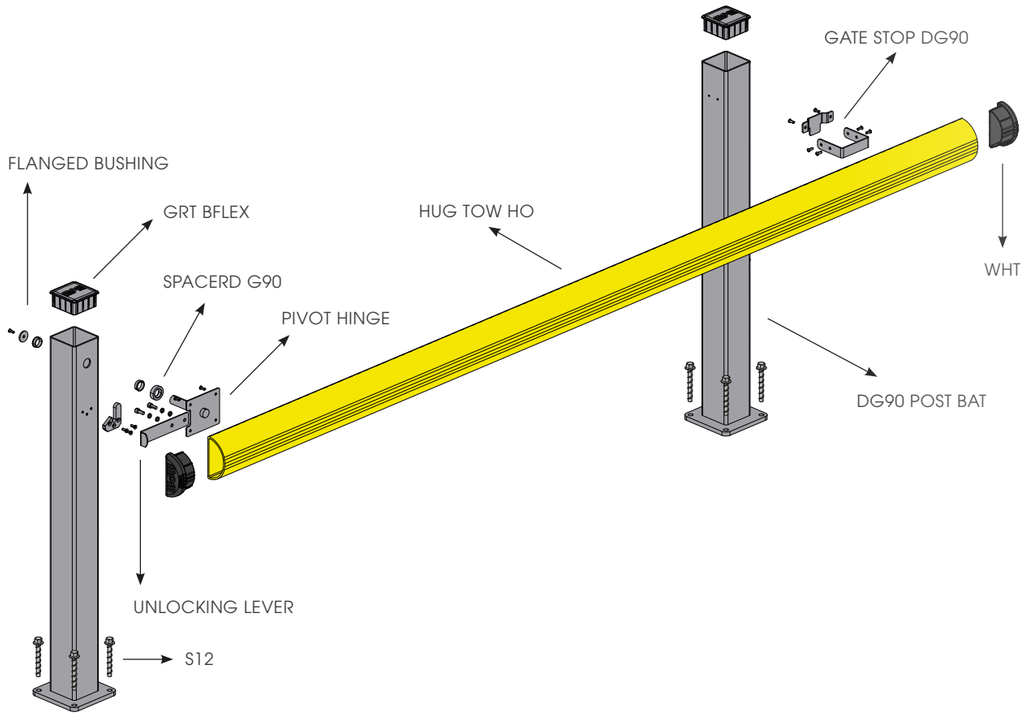


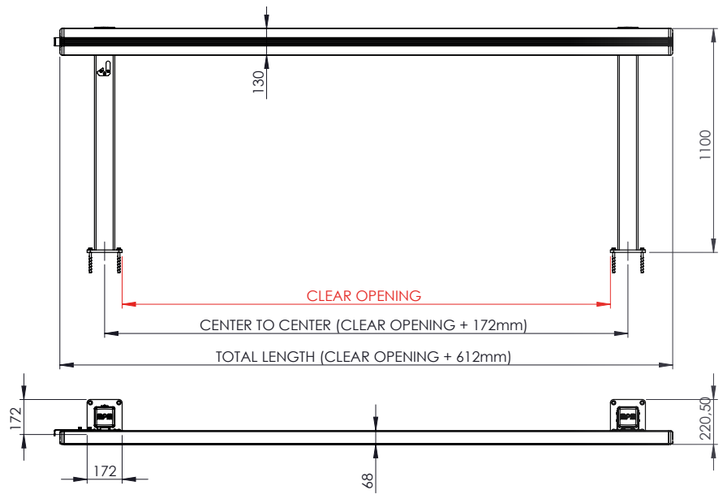
clarity

HUG GATE

PROTEZIONE BAIE DI CARICO
LOADING BAYS PROTECTIONS

LIGHT LOAD / FOR HAND PALLET TRUCKS

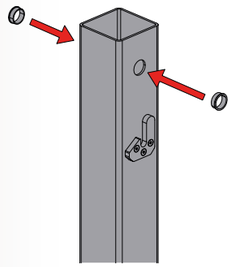




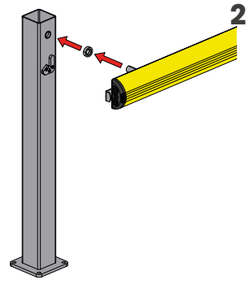
HUG GATE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

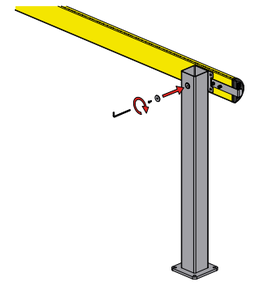
1



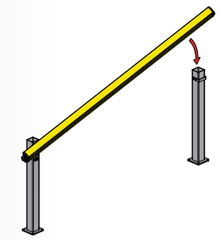
2



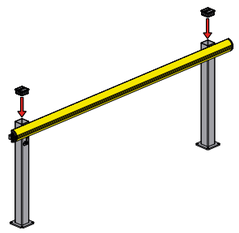
3



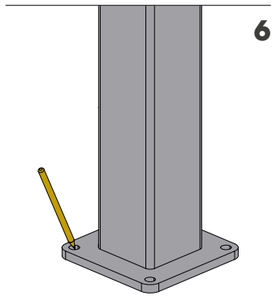
4



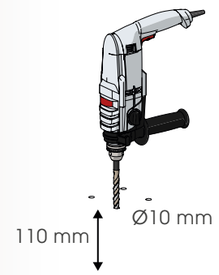
5



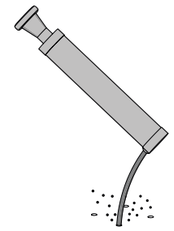
6



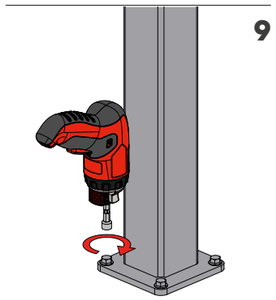
7



8



9



10

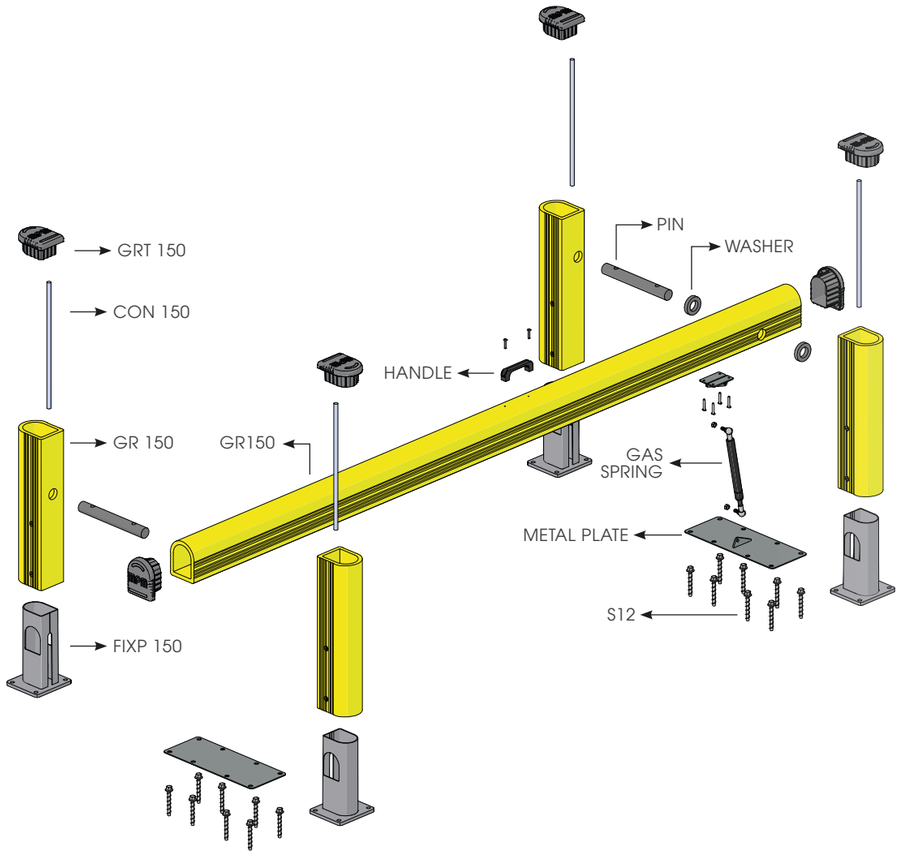


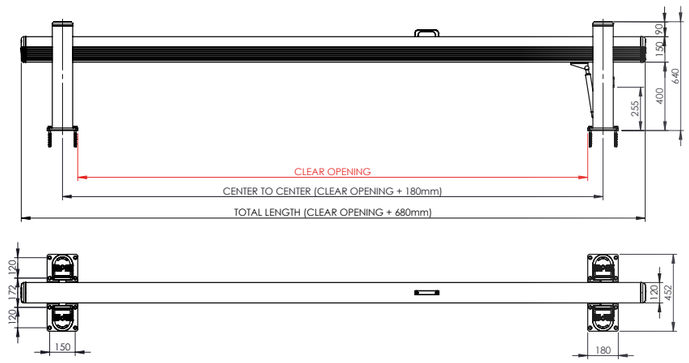
PUSH TO UNBLOCK

clarity

DOCK GATE

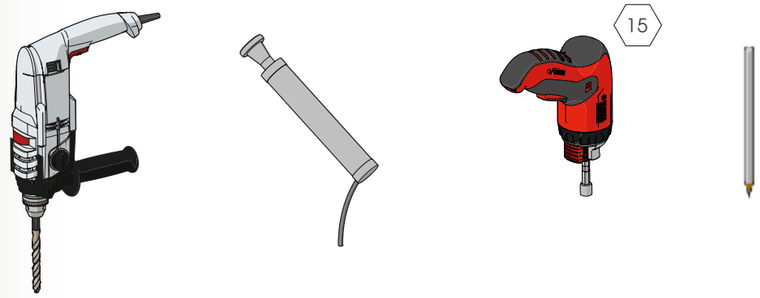
PROTEZIONE BAIE DI CARICO
LOADING BAYS PROTECTIONS

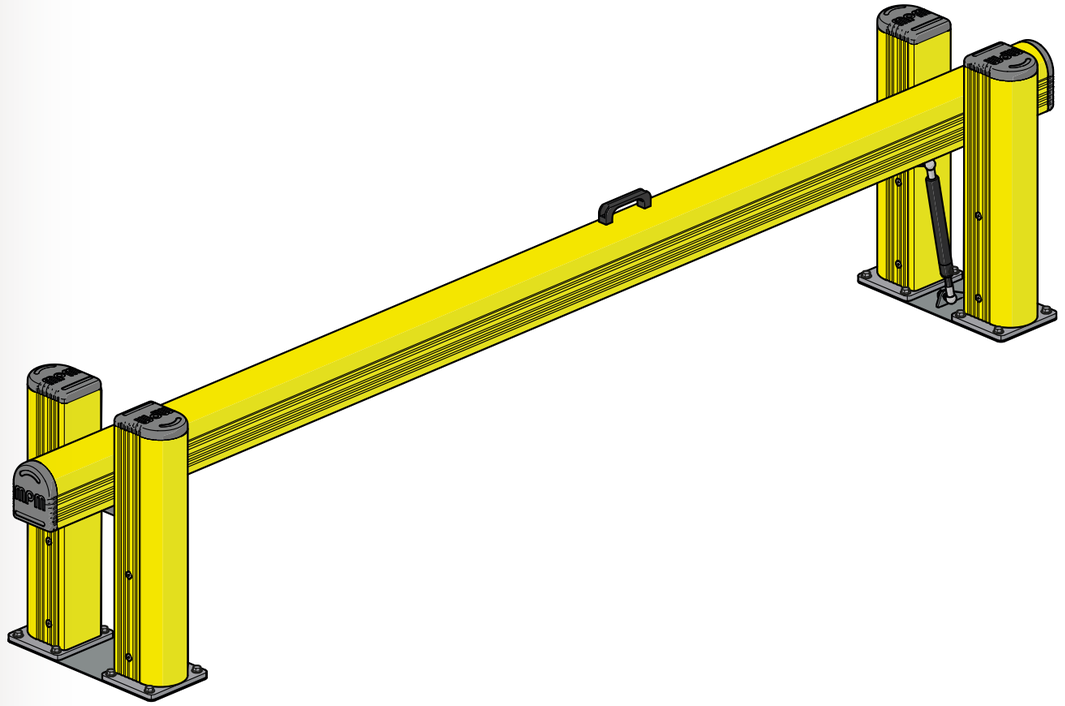




DOCK GATE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

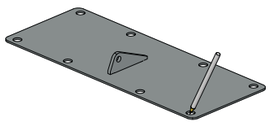




DOCK GATE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

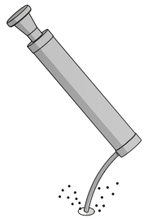
1



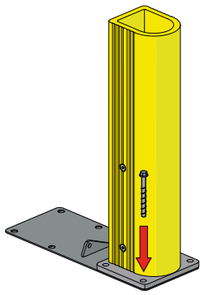
2



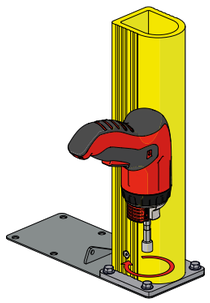
3



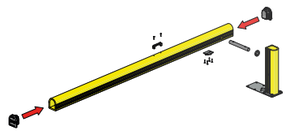
4



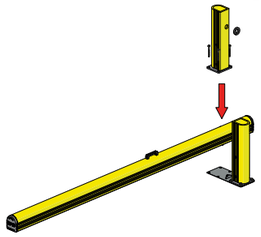
5



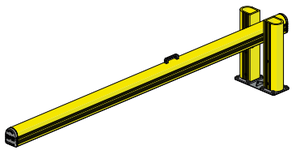
6



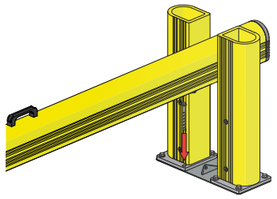
7



8



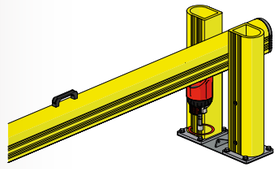
9



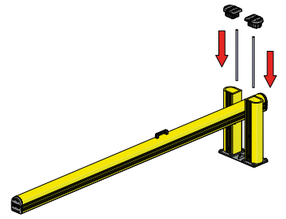
DOCK GATE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

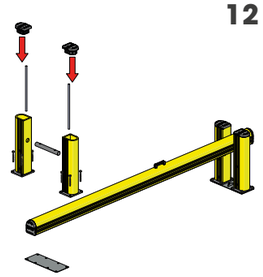
10



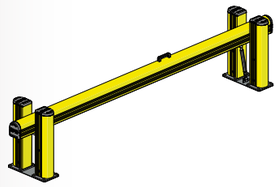
11



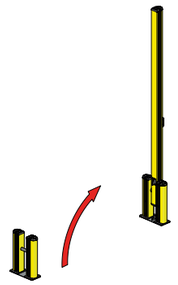
12



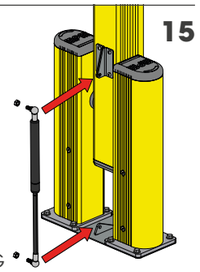
13



14

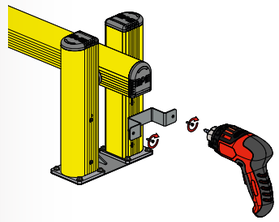


15



WARNING
Cylinder in the upper part.

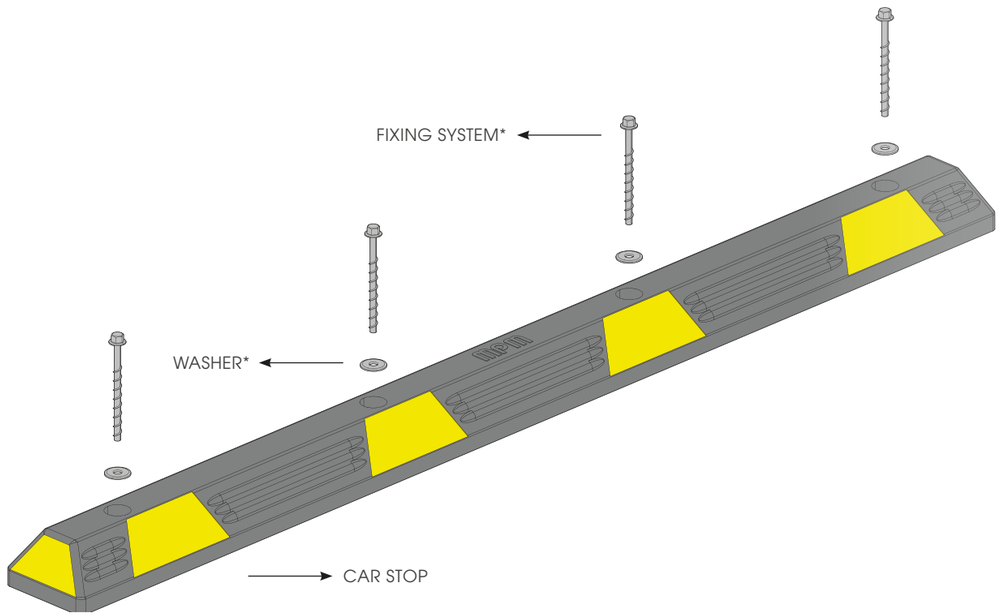
16

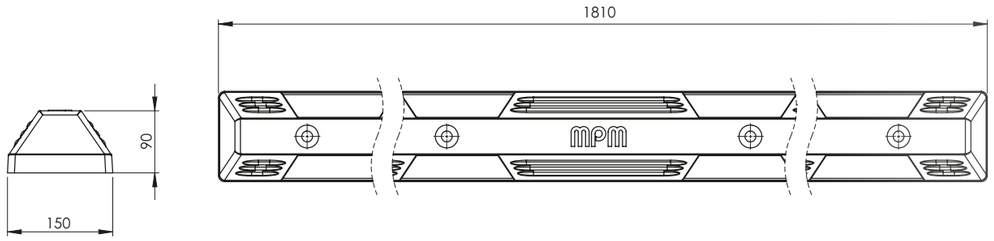


clarity

CAR STOP

FERMARUOTE
WHEEL STOP



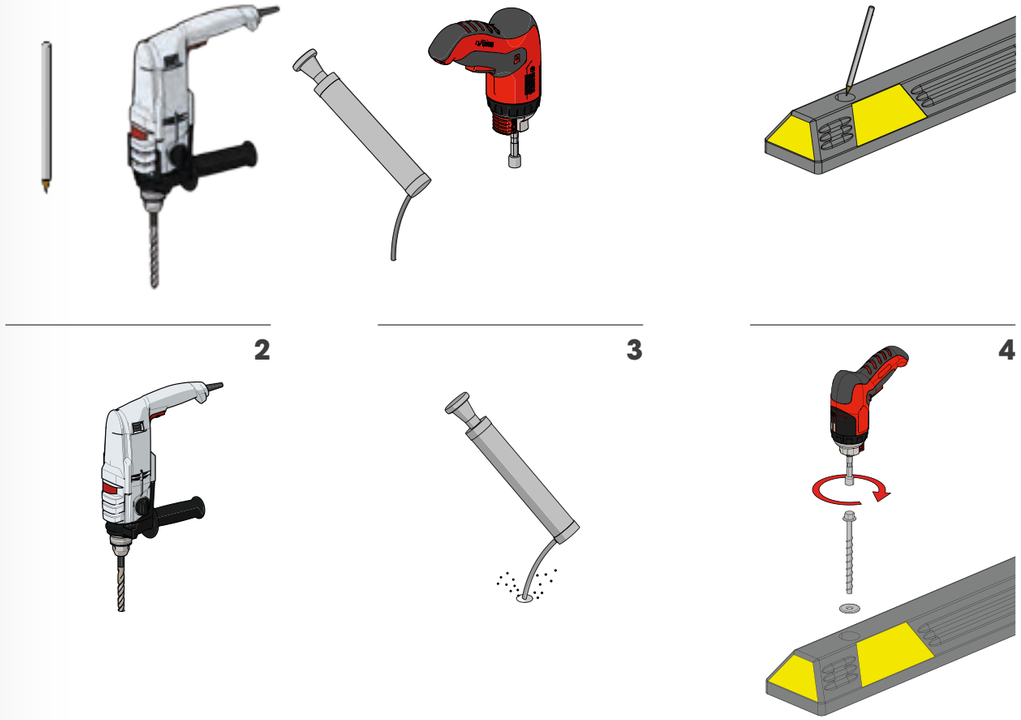


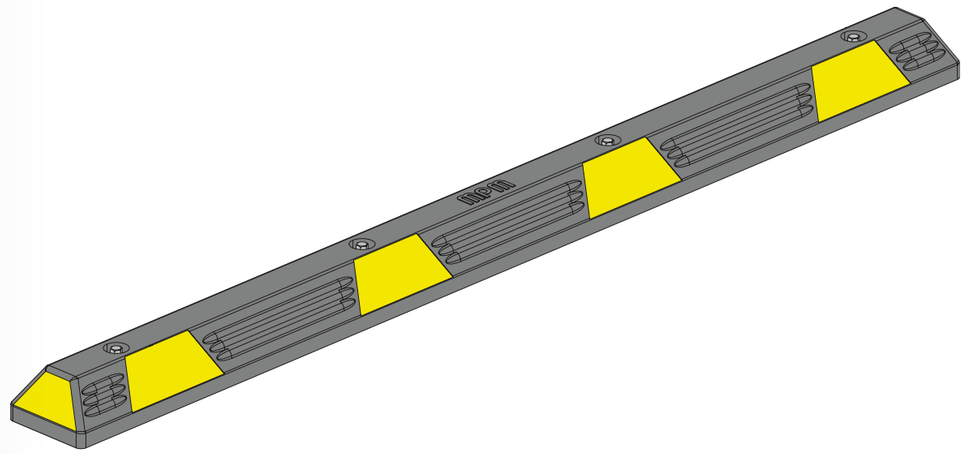
*WARNING

The product is not equipped with fixing accessories.

CAR STOP

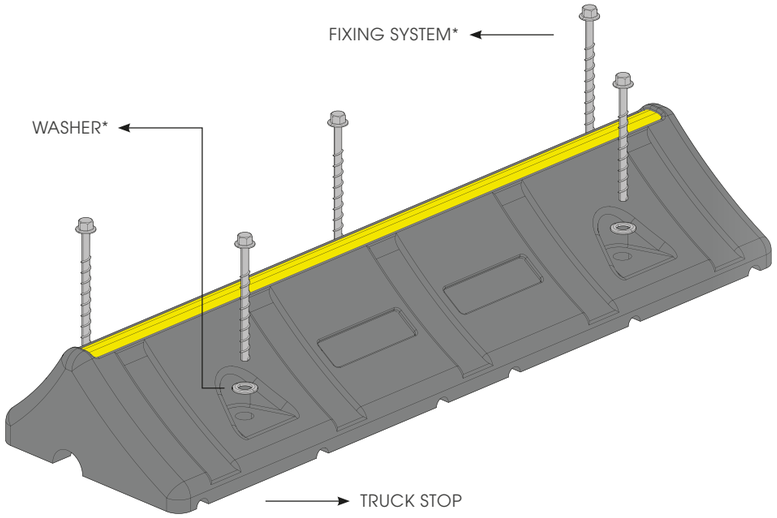
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

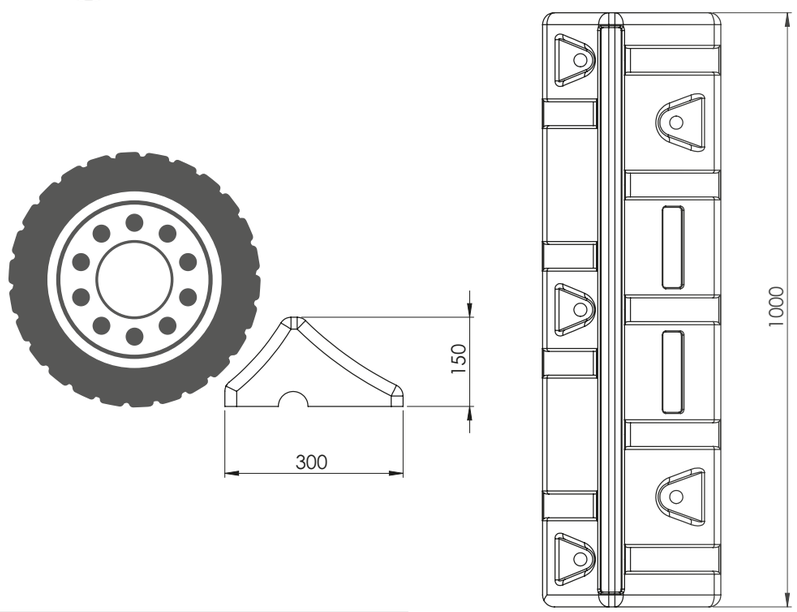




TRUCK STOP

FERMARUOTE
WHEEL STOP



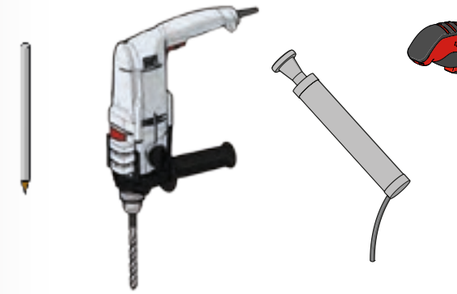


*WARNING

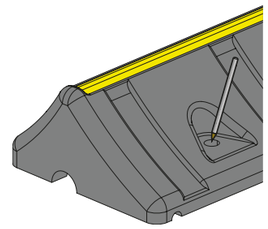
The product is not equipped with fixing accessories.

TRUCK STOP

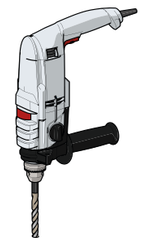
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



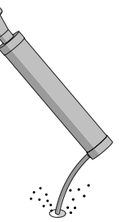
1



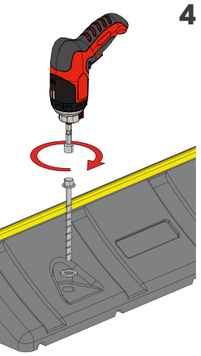
2

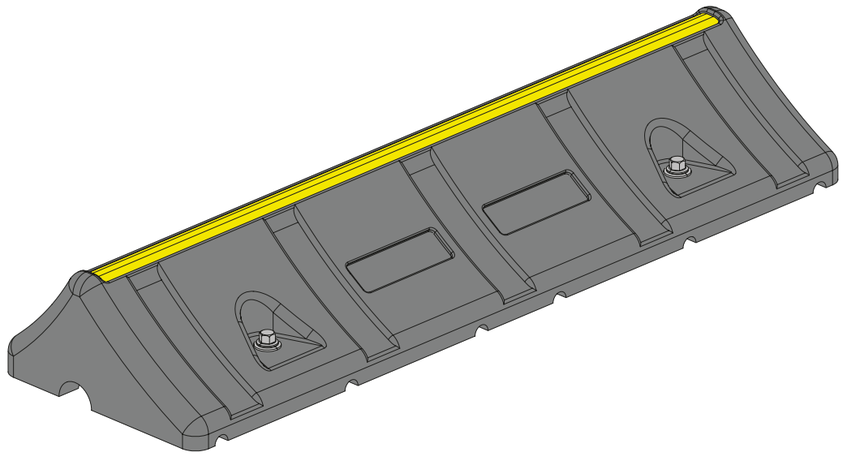


3



4

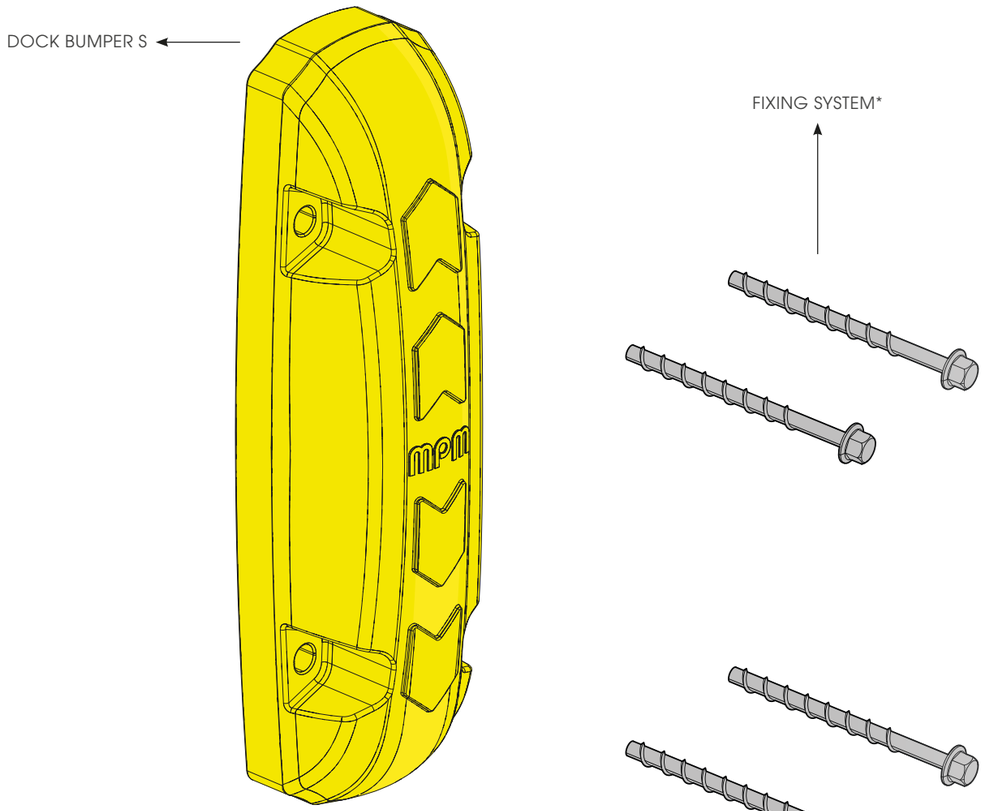




DOCK BUMPER S

PROTEZIONE BAIE DI CARICO
LOADING BAYS PROTECTIONS

HEAVY LOAD / FOR FORKLIFTS

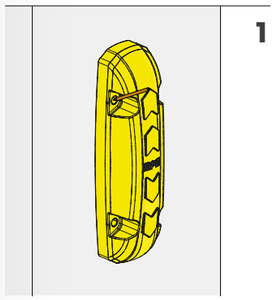


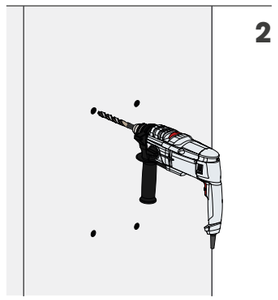
*WARNING

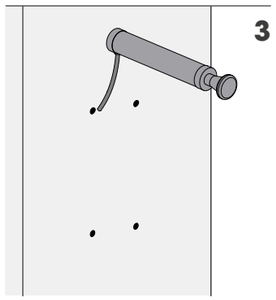
The product is not equipped with fixing accessories.

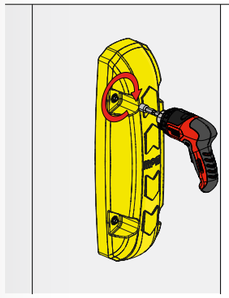
DOCK BUMPER S

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS







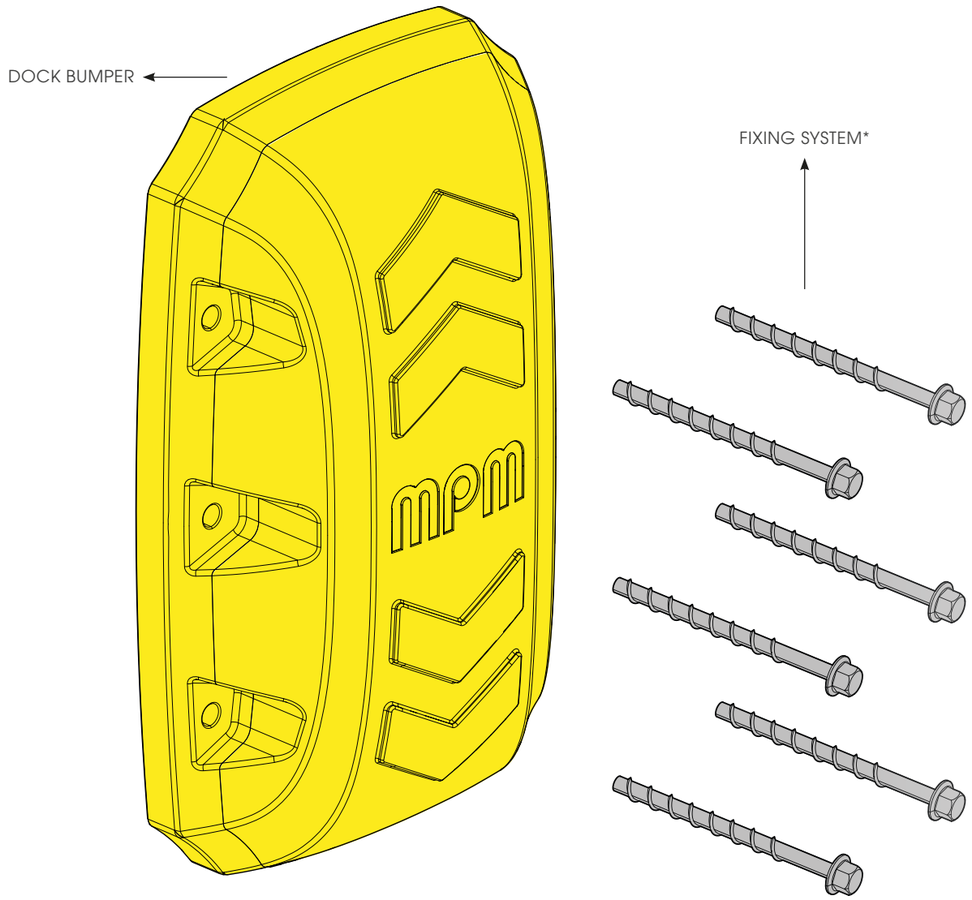


clarity

DOCK BUMPER

PROTEZIONE BAIE DI CARICO
LOADING BAYS PROTECTIONS

HEAVY LOAD / FOR FORKLIFTS



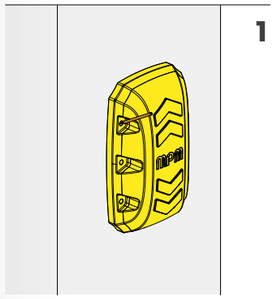
*WARNING

The product is not equipped with fixing accessories.

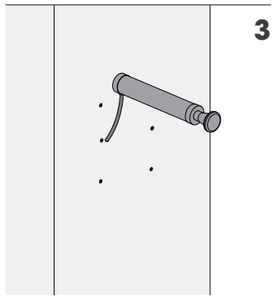
08 LOADING BAYS PROTECTIONS DOCK BUMPER

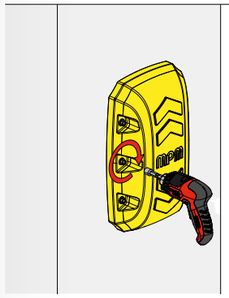
DOCK BUMPER

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



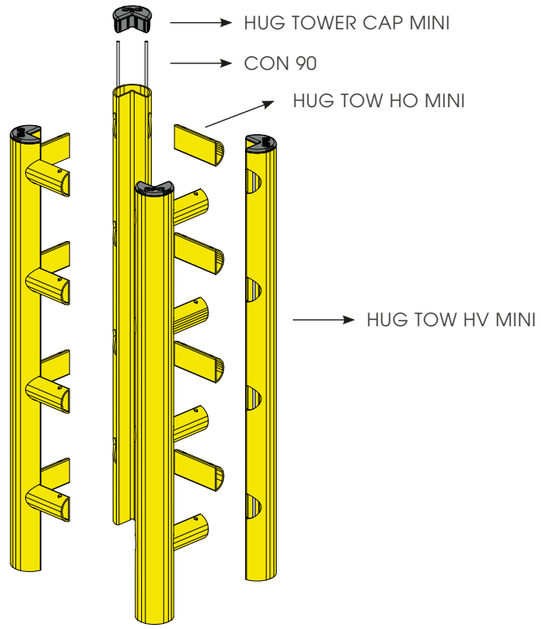


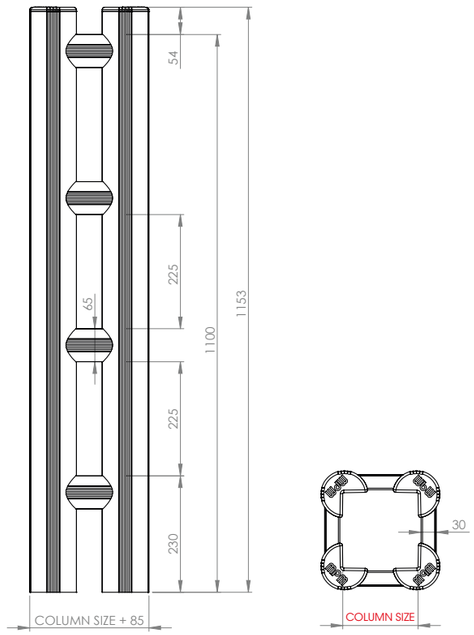


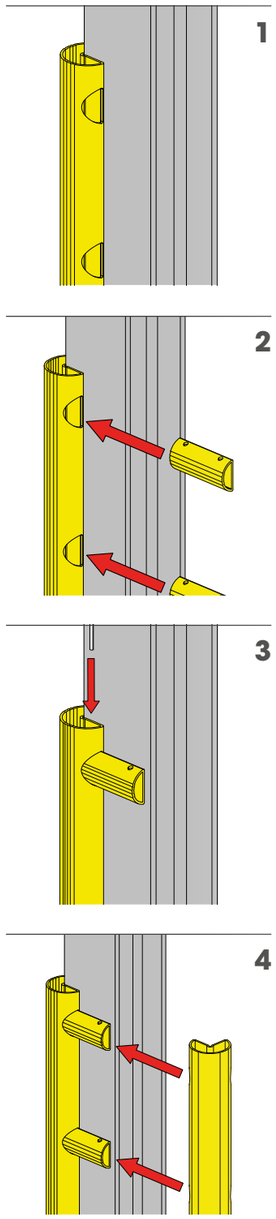


MINI HUG TOWER

PROTEZIONE COLONNA
COLUMN PROTECTION

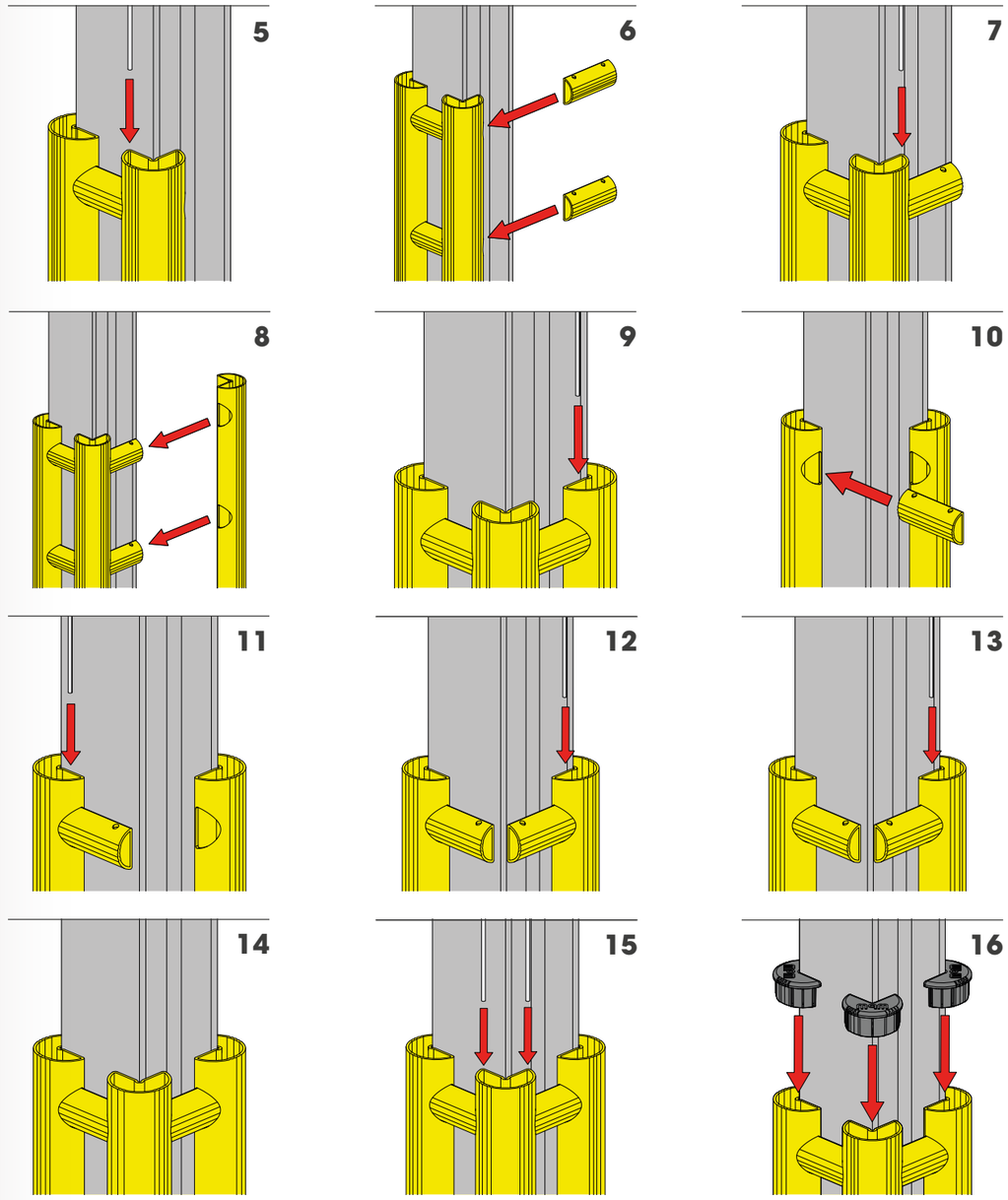






MINI HUG TOWER

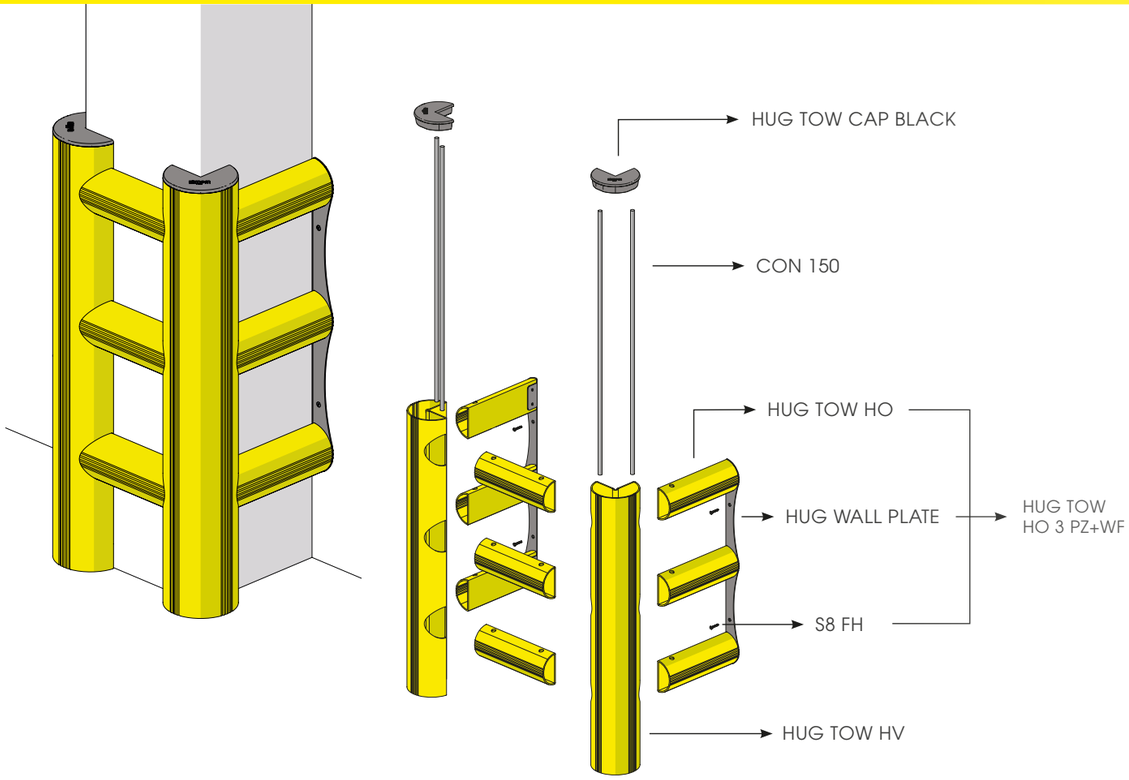
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

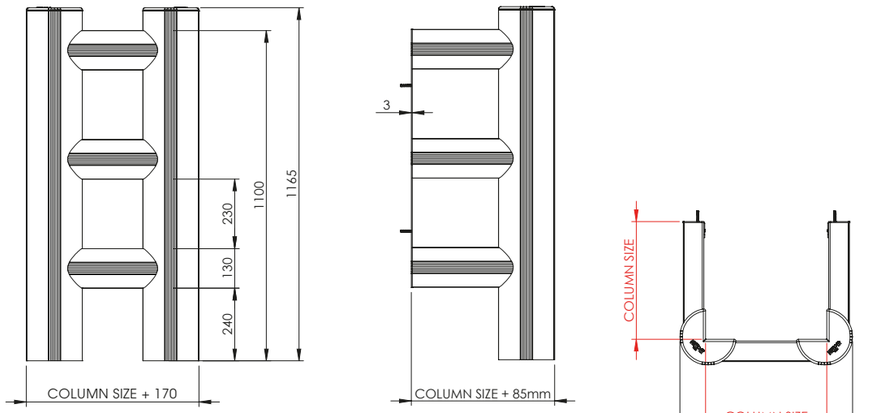


HUG TOWER 3 SIDES

PROTEZIONE COLONNA
COLUMN PROTECTION

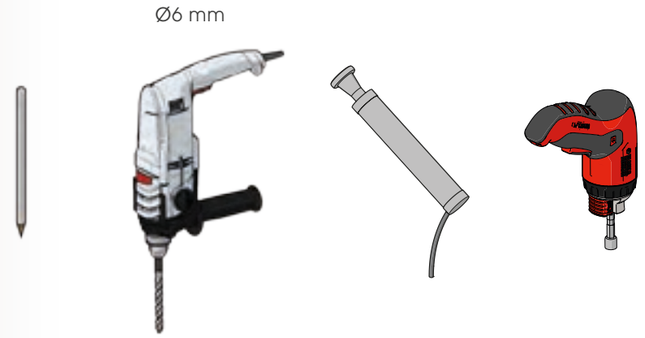
HEAVY LOAD / FOR FORKLIFTS

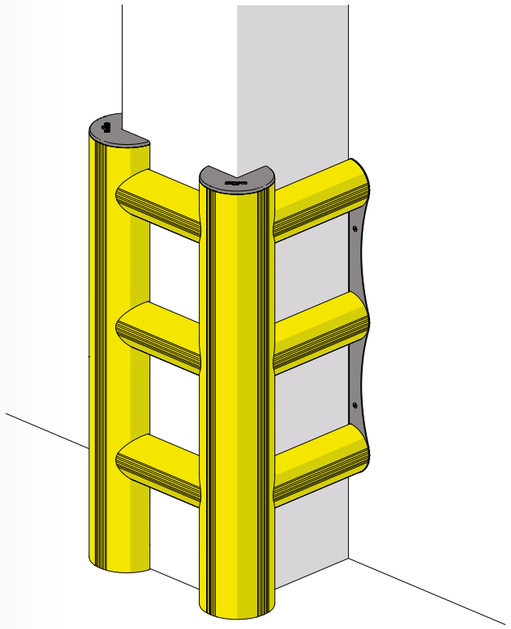


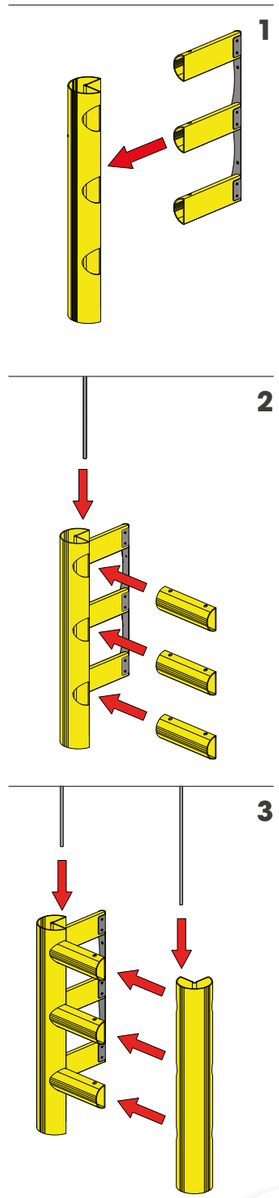


HUG TOWER 3 SIDES

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS





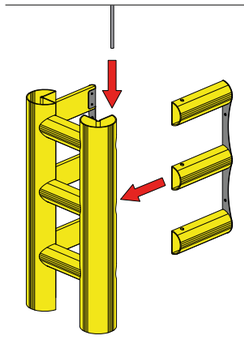


clarity

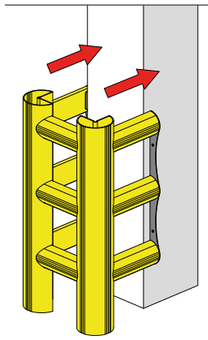
HUG TOWER 3 SIDES

ISTRUZIONI DI INSTALLAZIONE
ASSEMB LY INSTRUCTIONS

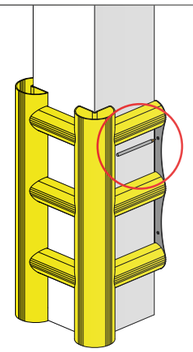
4



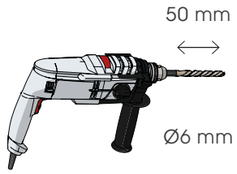
5



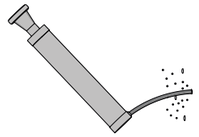
6



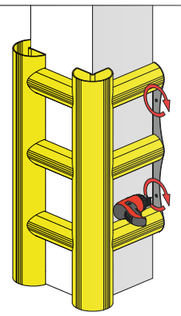
7



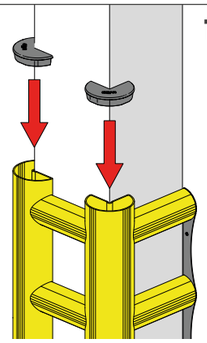
8



9



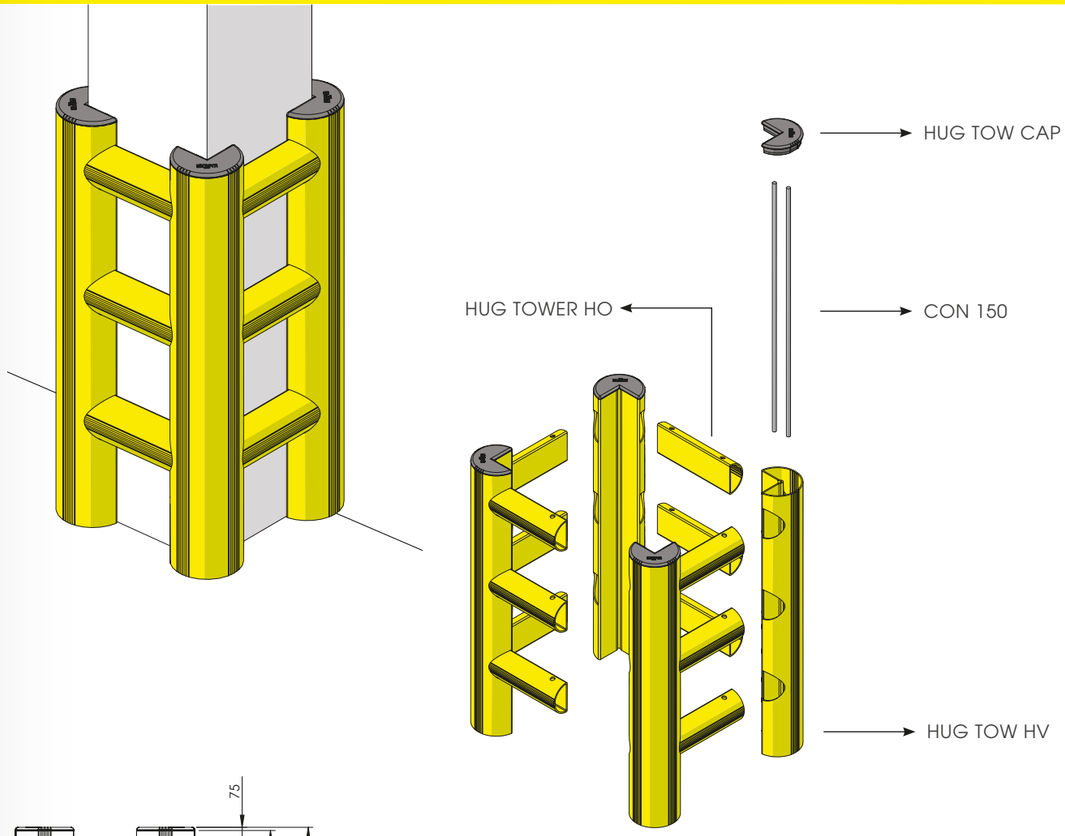
10

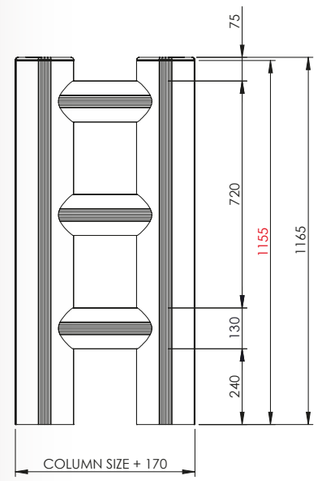


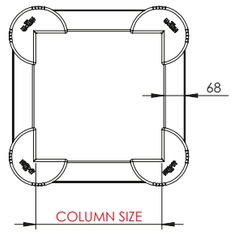
HUG TOWER

PROTEZIONE COLONNA
COLUMN PROTECTION

HEAVY LOAD / FOR FORKLIFTS

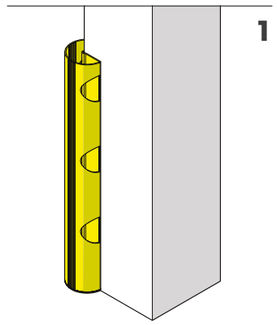


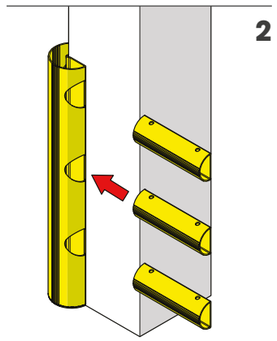


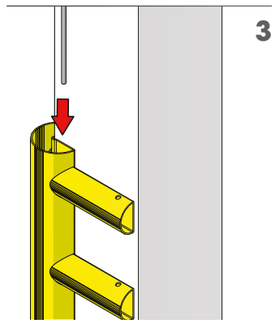


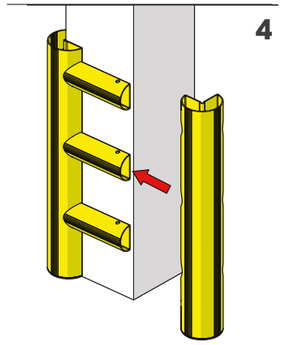
HUG TOWER

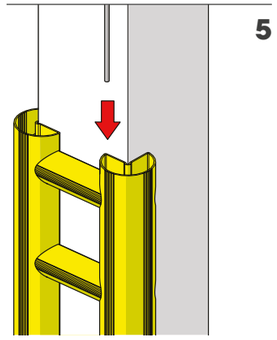
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

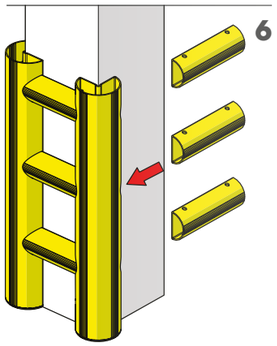


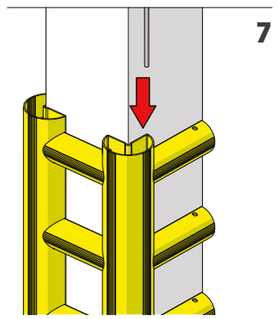


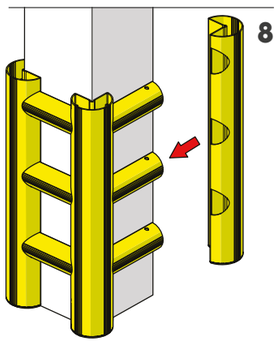


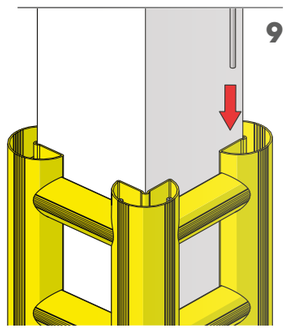






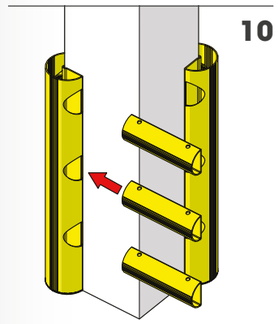


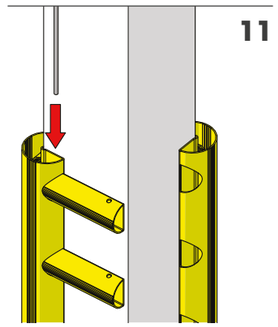


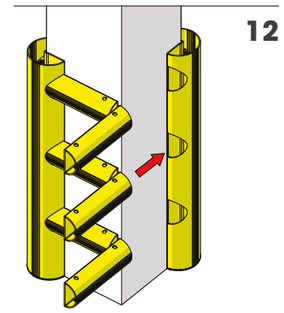


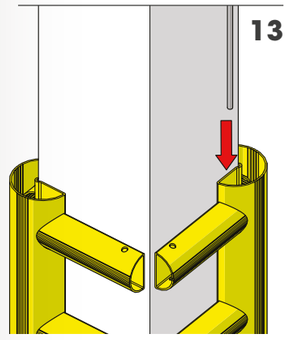
HUG TOWER

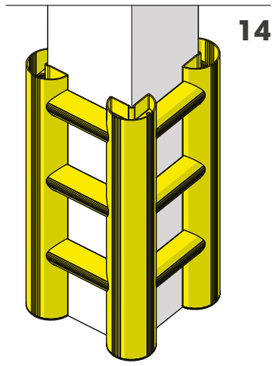
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

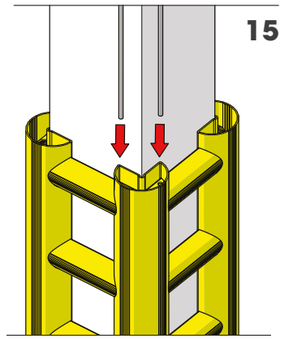


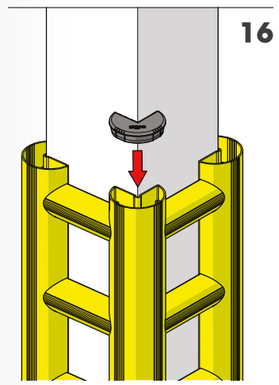








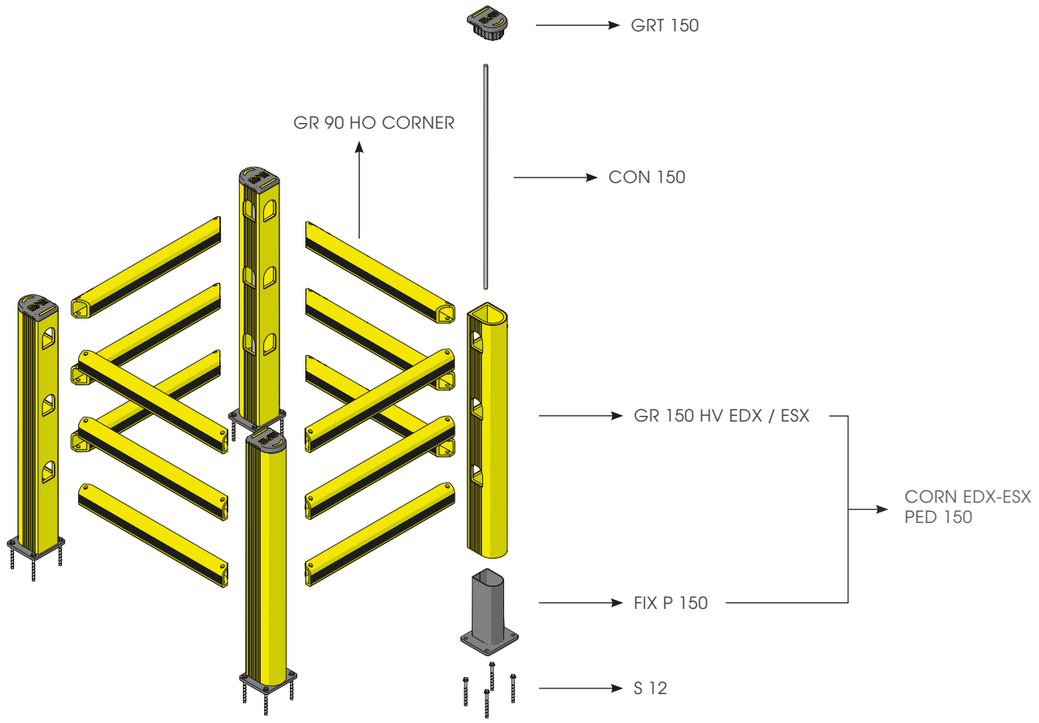


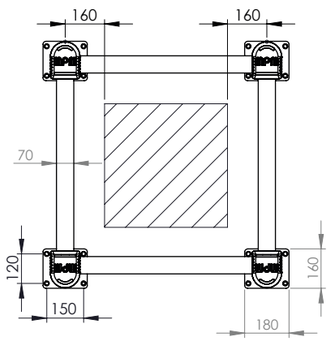


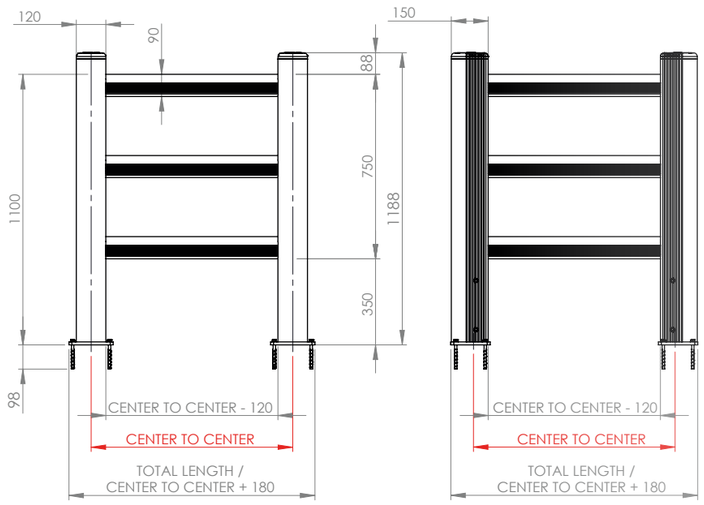
TOWER PROTECTIONS

PROTEZIONE COLONNA
COLUMN PROTECTION

HEAVY LOAD / FOR FORKLIFTS





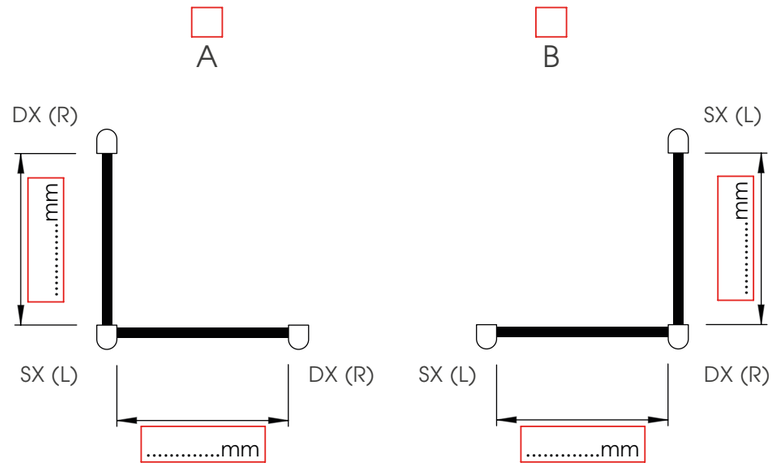


TOWER PROTECTIONS

PROTEZIONE COLONNA
COLUMN PROTECTION

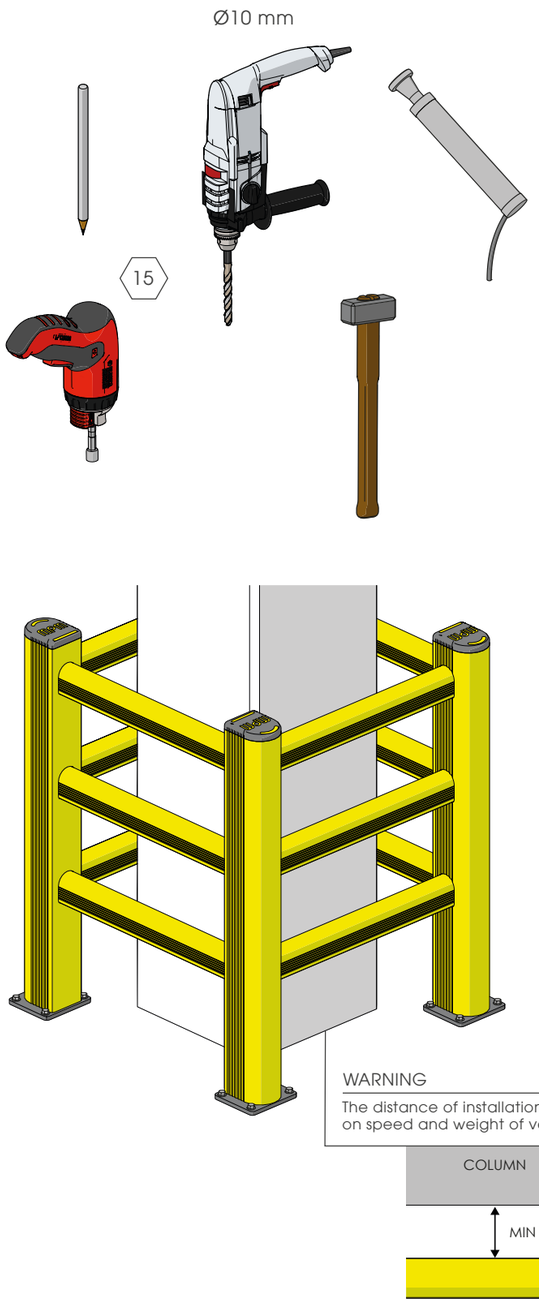
PLEASE CHECK HERE BELOW
OTHER OPTIONS FOR ASSEMBLY

TWO SIDES OPEN

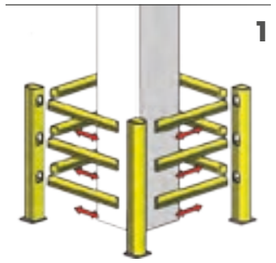


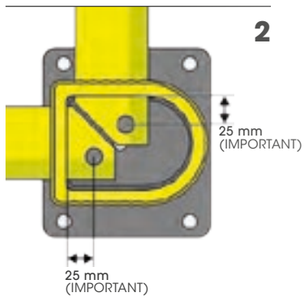
TOWER PROTECTIONS

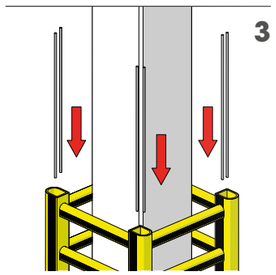
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

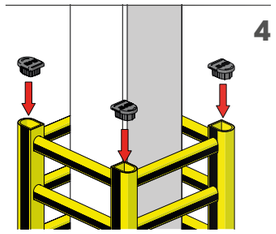


* Fixings for solid walls included



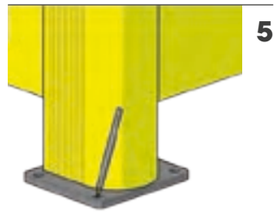


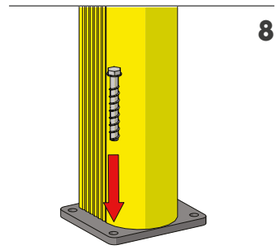


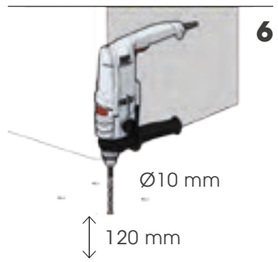


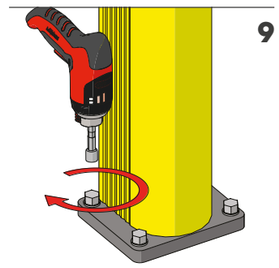
TOWER PROTECTIONS

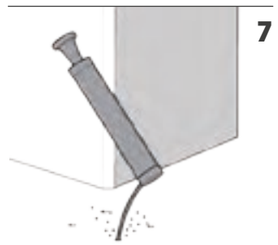
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS









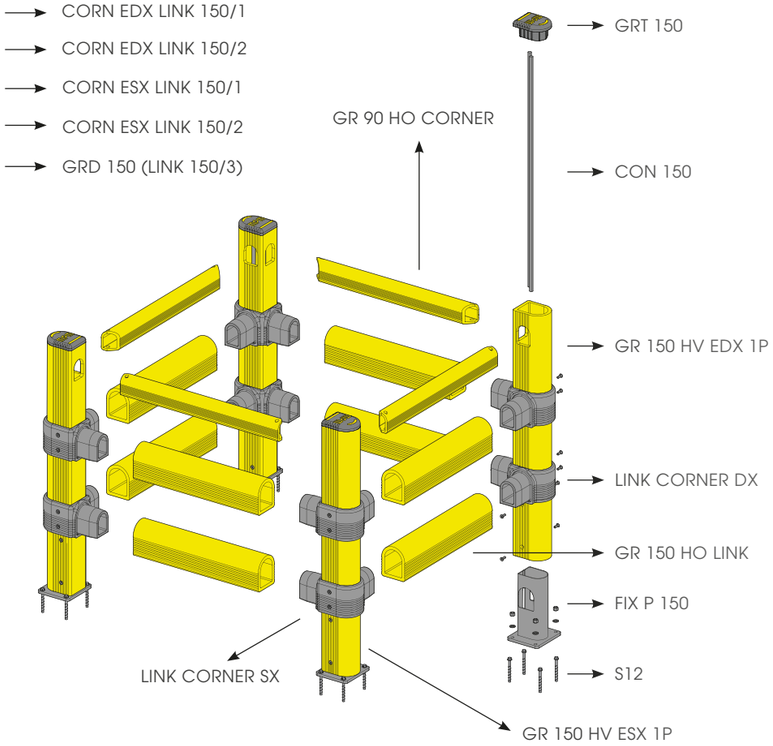


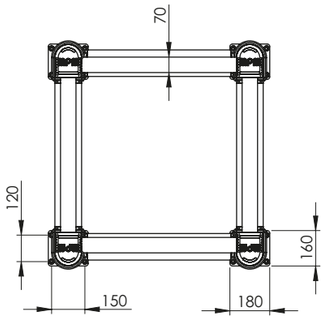
TOWER LINK

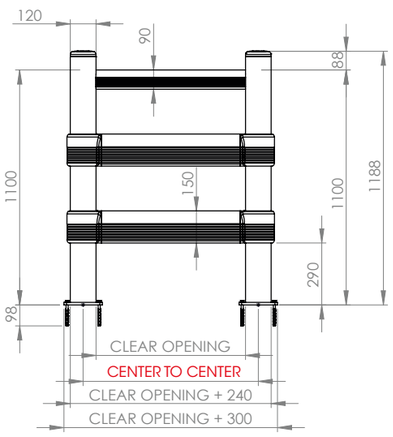
PROTEZIONE COLONNA
COLUMN PROTECTION

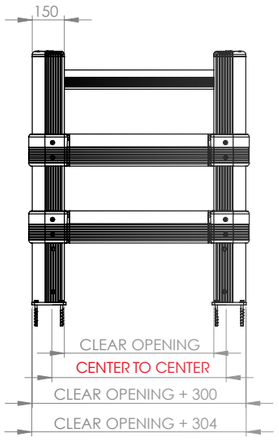
HEAVY LOAD / FOR FORKLIFTS

POST COMPONENTS		POST KIT NAME
GR 150 HV EDX 1P + FIX P 150	→	CORN EDX LINK 150/1
GR 150 HV EDX 2P + FIX P 150	→	CORN EDX LINK 150/2
GR 150 HV ESX 1P + FIX P 150	→	CORN ESX LINK 150/1
GR 150 HV ESX 2P + FIX P 150	→	CORN ESX LINK 150/2
GR 150 + FIX P 150 + GRT 150	→	GRD 150 (LINK 150/3)





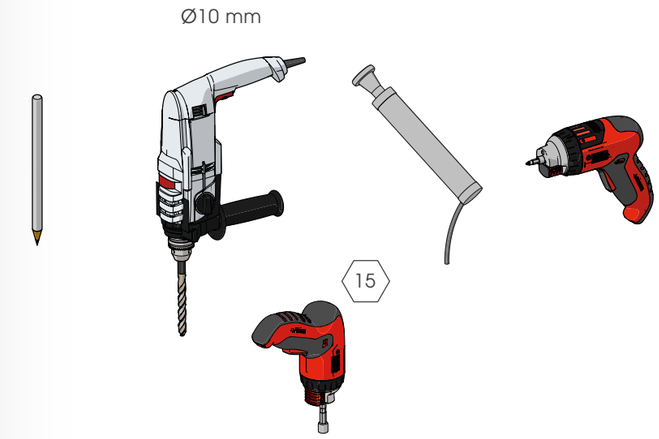


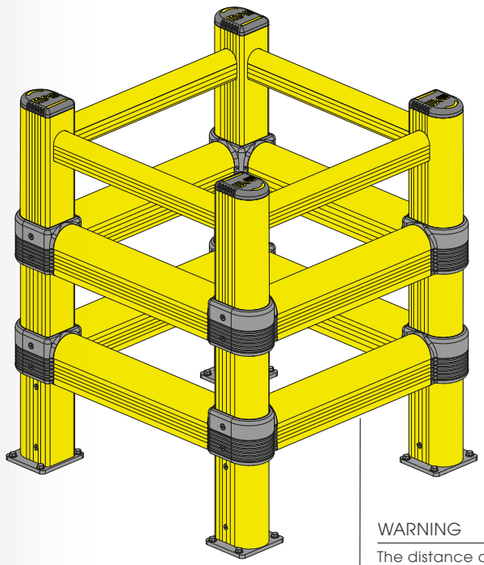


TOWER LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

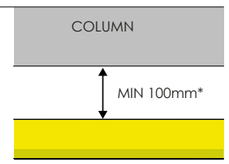
SOLUTION DISPLAYED: **TOWER LINK/2**

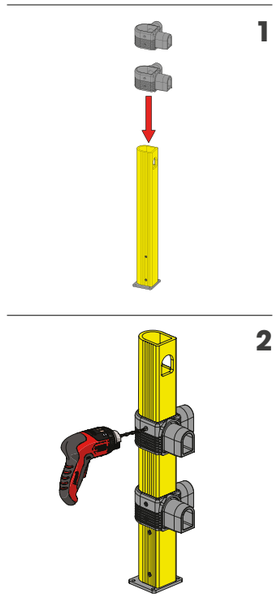


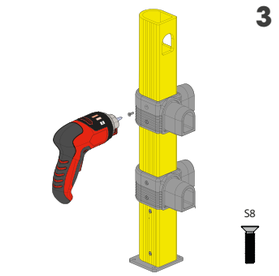


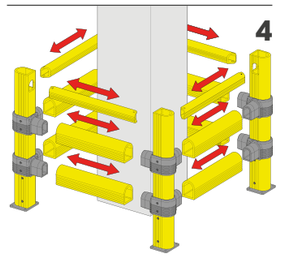
WARNING

The distance of installation depends on speed and weight of vehicle





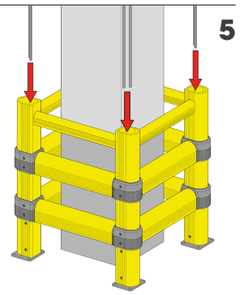




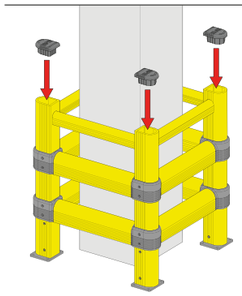
TOWER LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

5



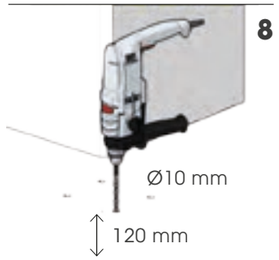
6



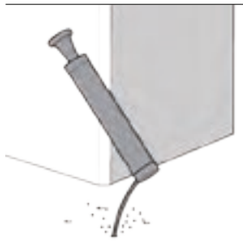
7



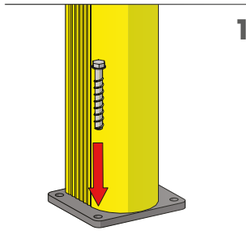
8



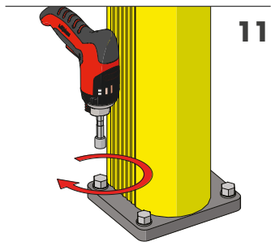
9



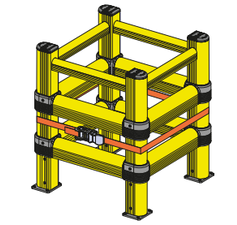
10



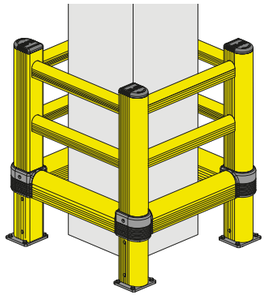
11



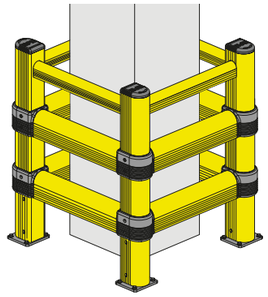
INSTALLATION TIP



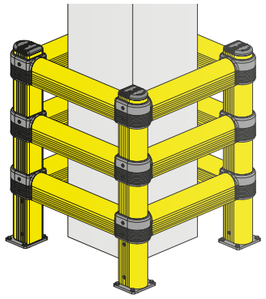
TOWER LINK/1



TOWER LINK/2



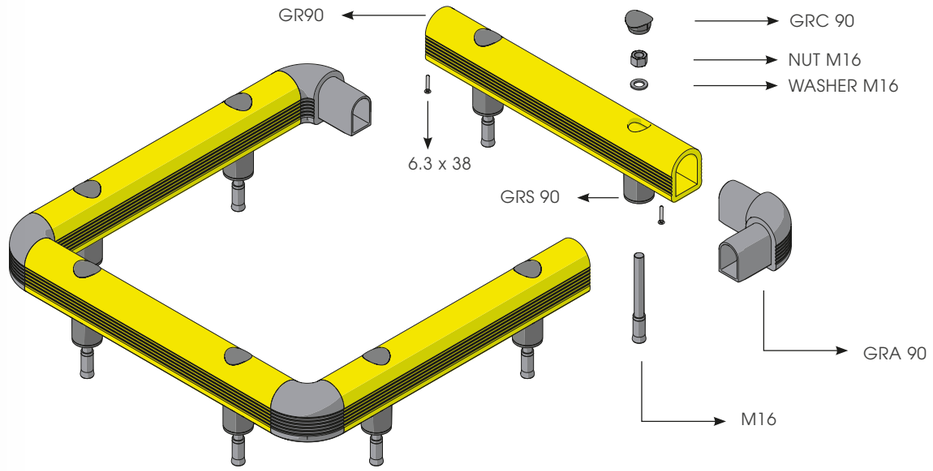
TOWER LINK/3

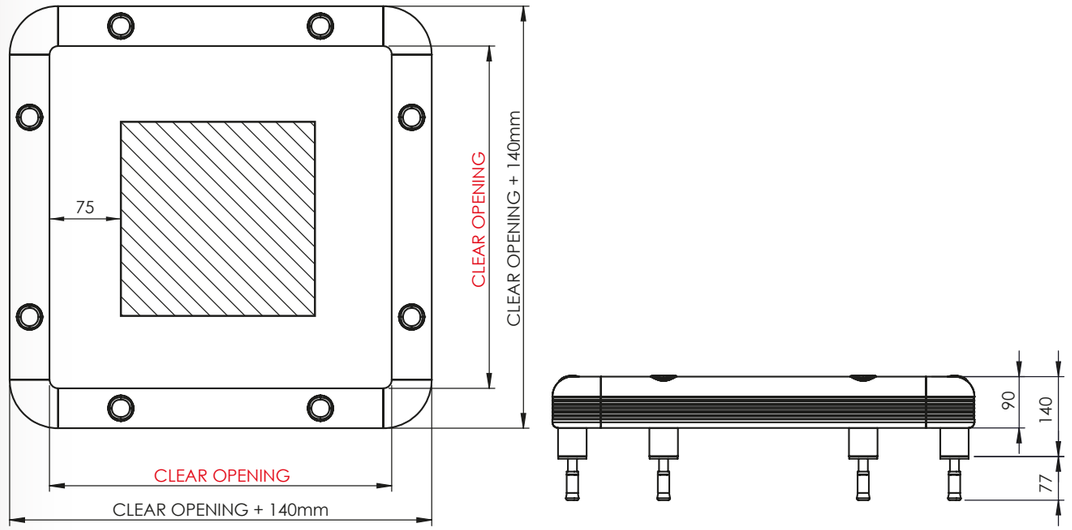


COPRO 90

PROTEZIONE COLONNA
COLUMN PROTECTION

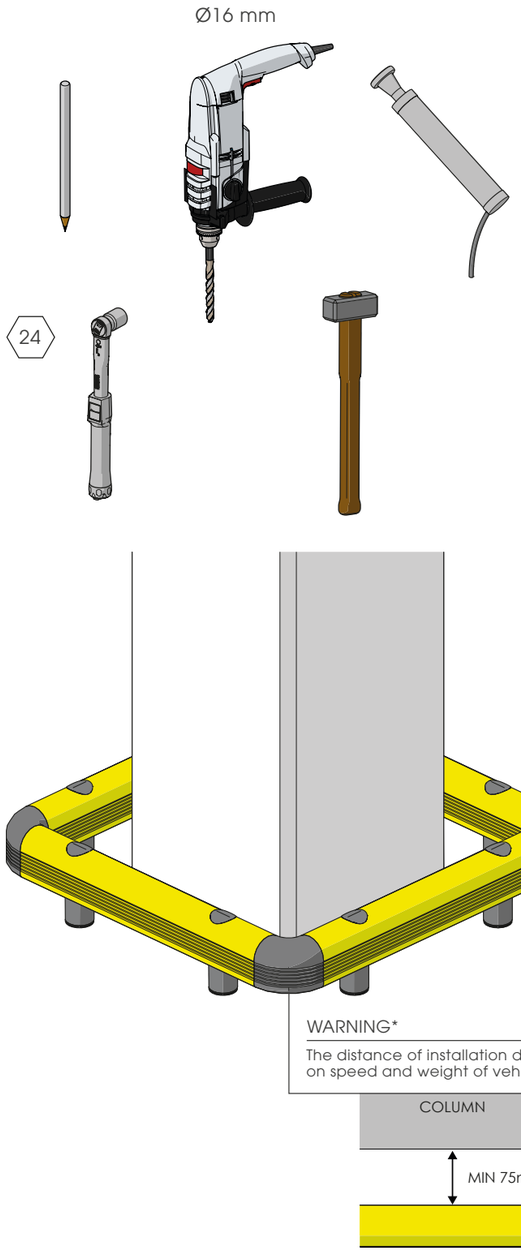
LIGHT LOAD / FOR HAND PALLET TRUCKS

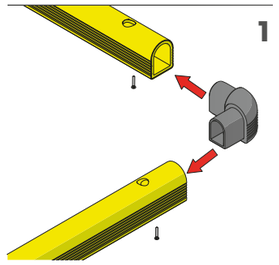


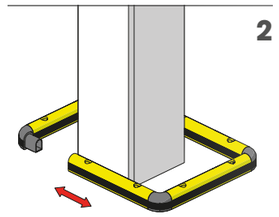


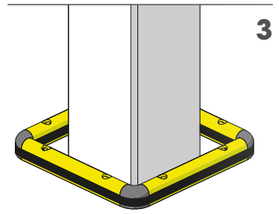
COPRO 90

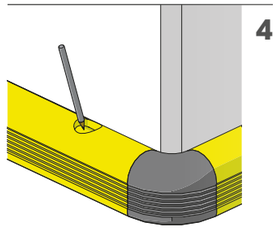
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS





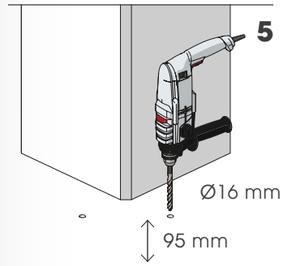


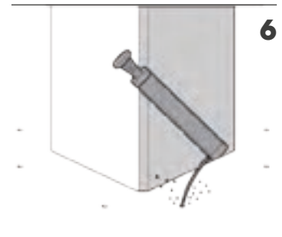


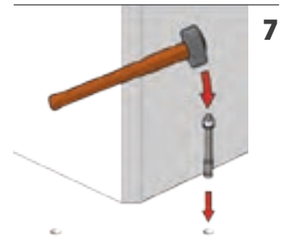


COPRO 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

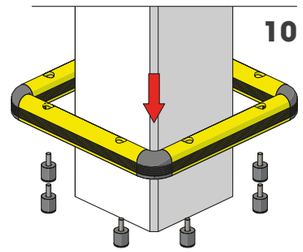


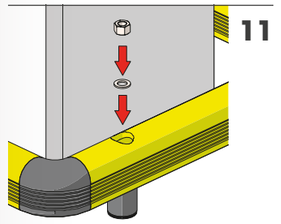


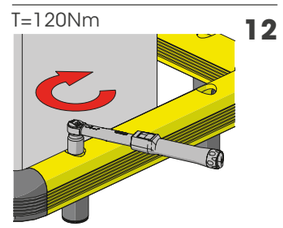


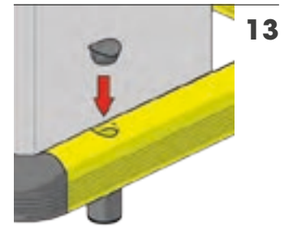








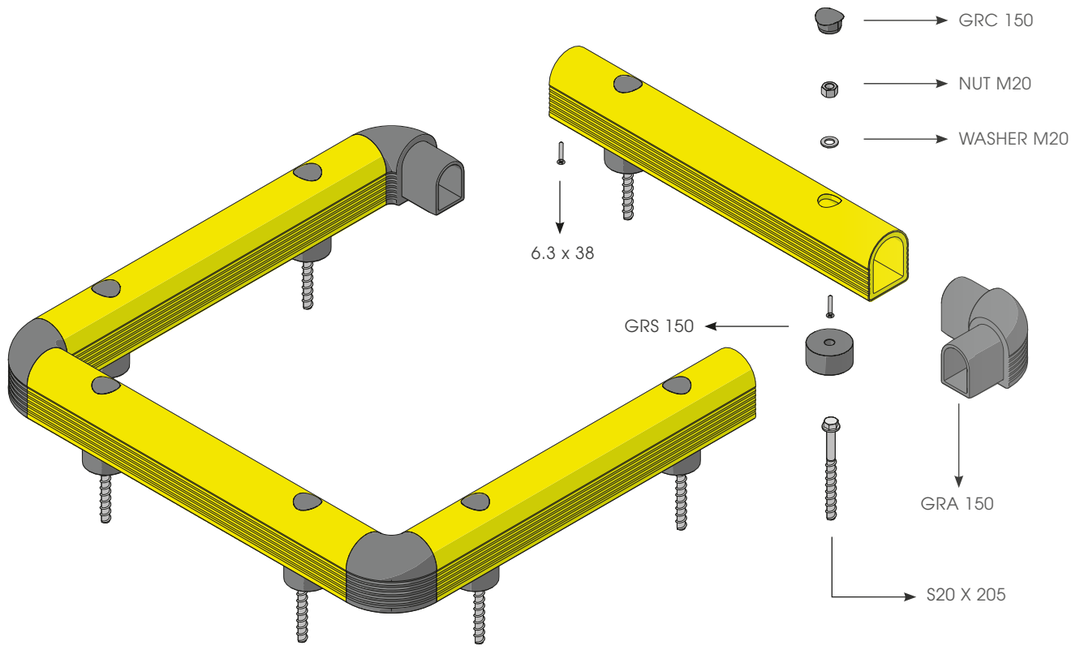


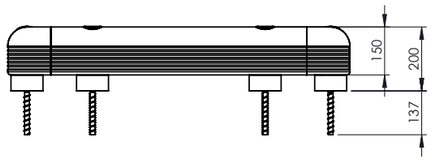


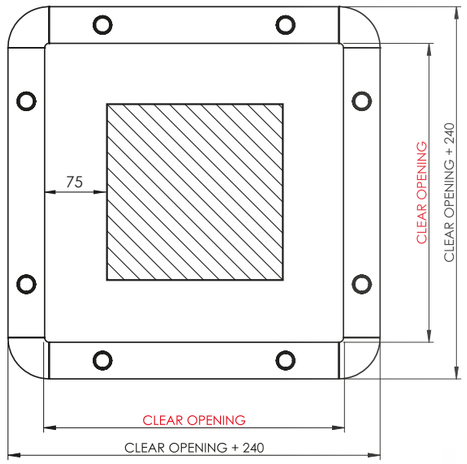
COPRO 150

PROTEZIONE COLONNA
COLUMN PROTECTION

HEAVY LOAD / FOR FORKLIFTS



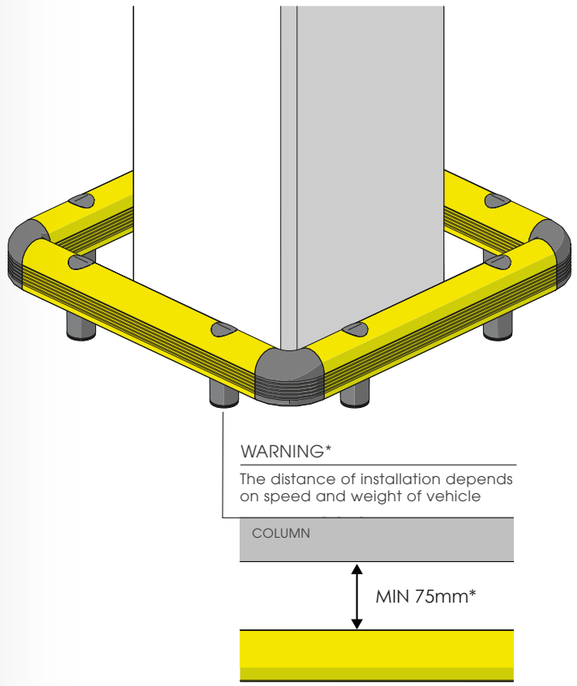


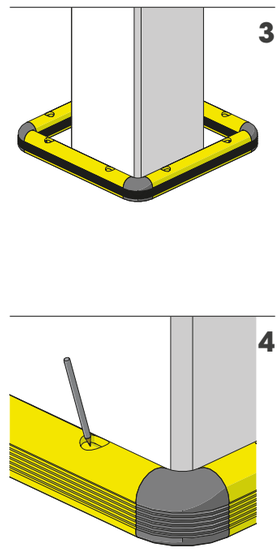


COPRO 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



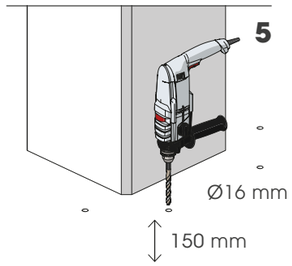


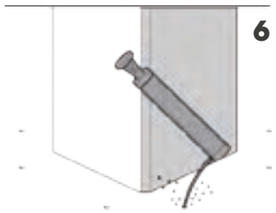


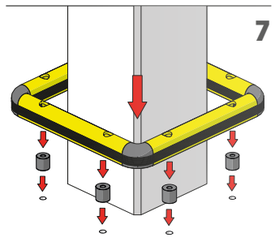
clarity

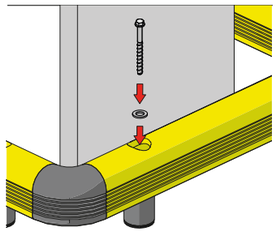
COPRO 150

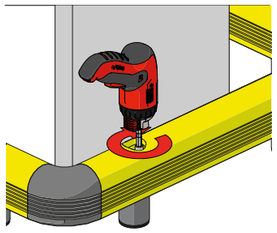
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

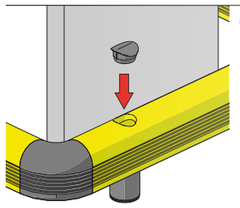








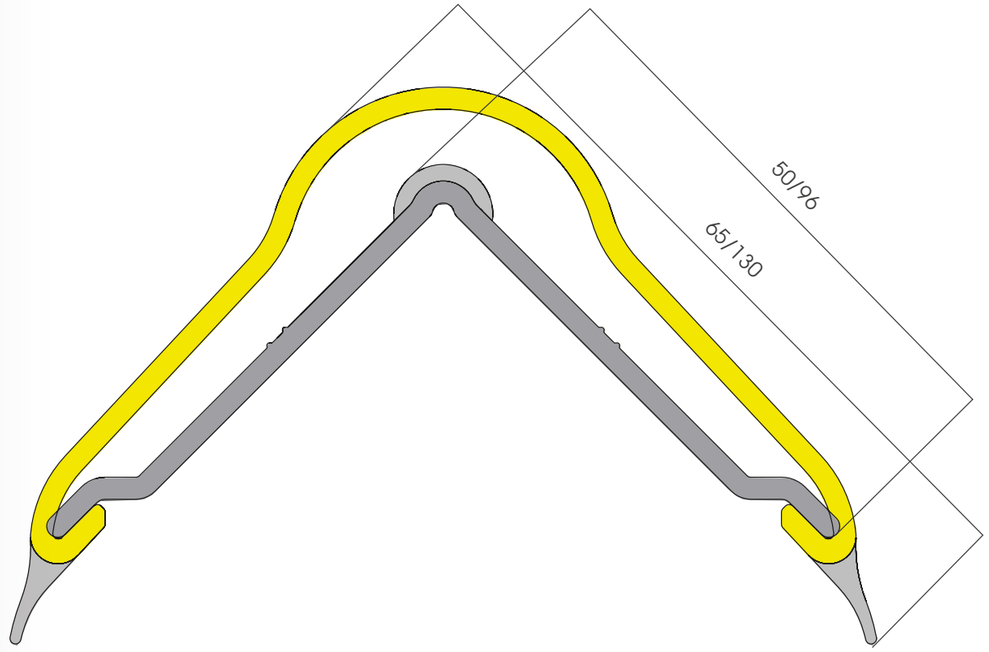




CP 100/200

PROTEZIONE PER PARETI
CORNER PROTECTION

LIGHT LOAD / FOR HAND PALLET TRUCKS



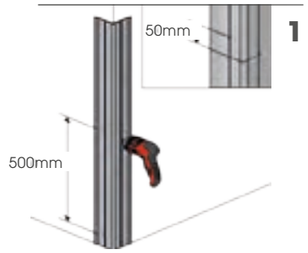
WARNING

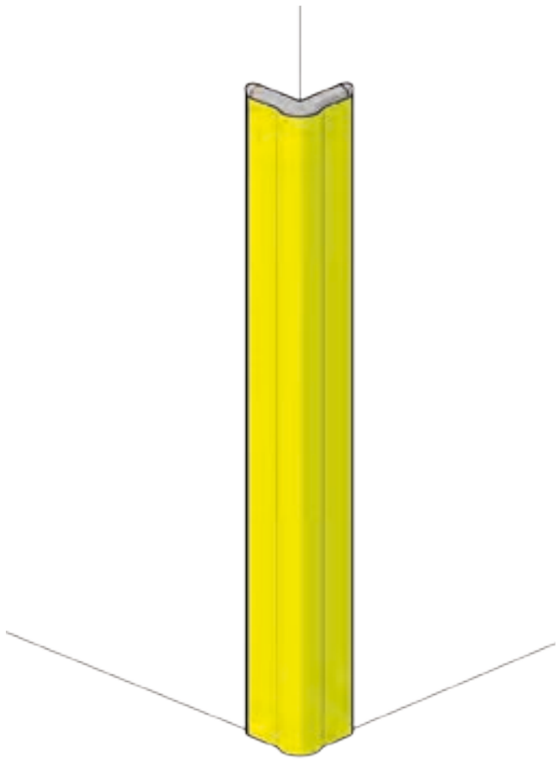
The product is not equipped with fixing accessories for the wall.

CP 100/200

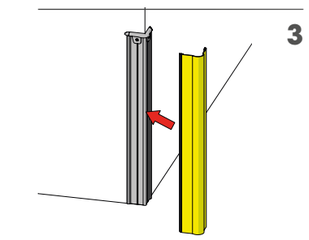
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS







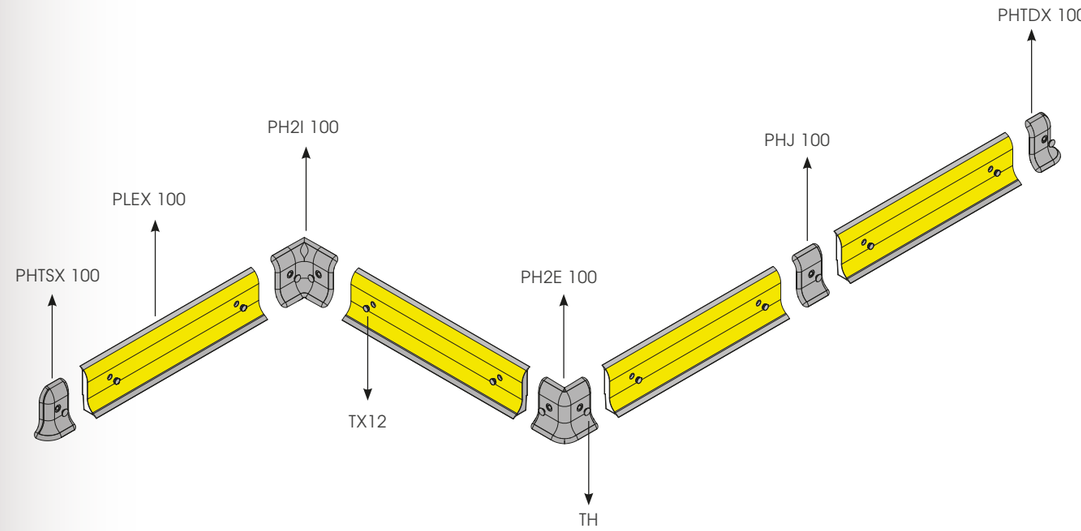


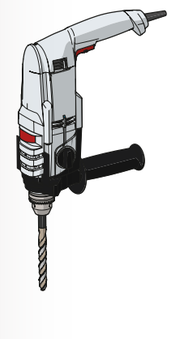


PLEX 100

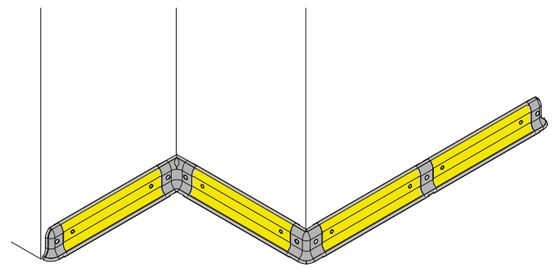
PROFILO KERB
KERB PROFILE

LIGHT LOAD / FOR HAND PALLET TRUCKS









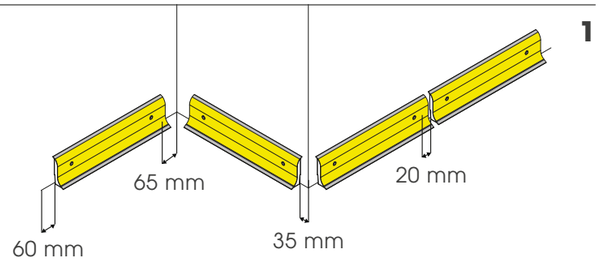
WARNING

The product is not equipped with fixing accessories for the wall.

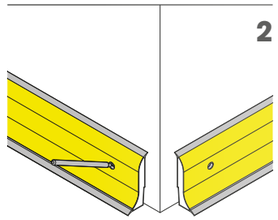
PLEX 100

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

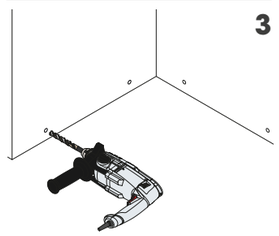
1



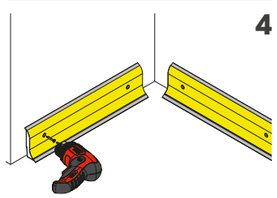
2



3

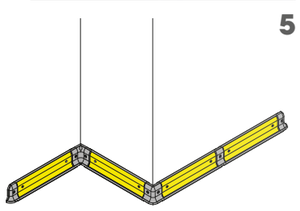


4

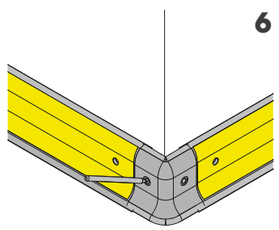


*Different fixings may be required based on the wall's structure and stratography (Bricks, metal, PVC etc.)

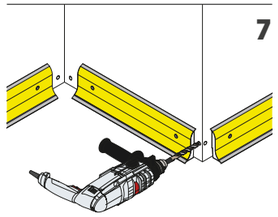
5



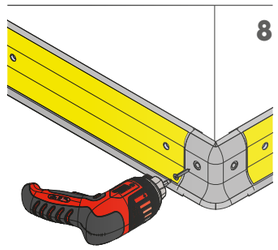
6



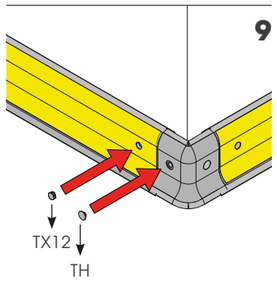
7



8



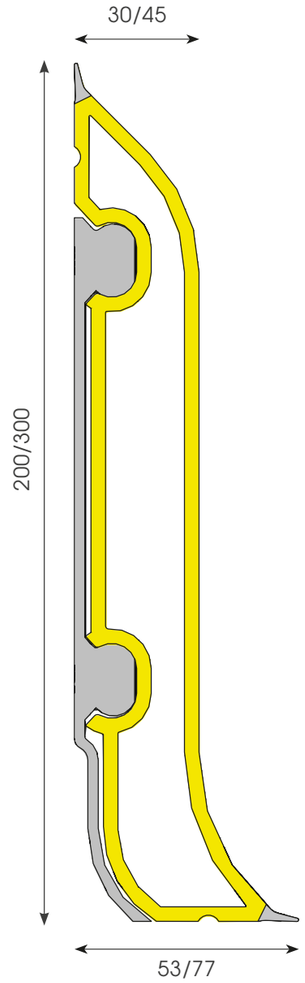
9



KERB 200/300

PROFILO KERB
KERB PROFILE

LIGHT LOAD / FOR HAND PALLET TRUCKS

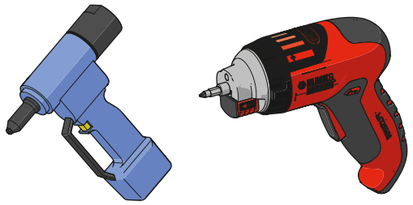


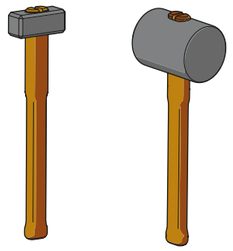
WARNING

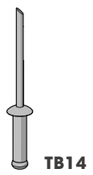
The product is not equipped with fixing accessories for the wall.

KERB 200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

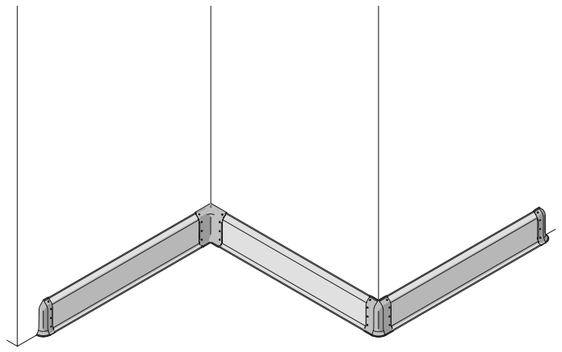




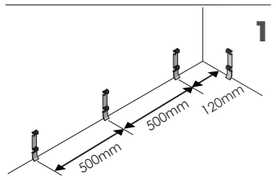


TB14

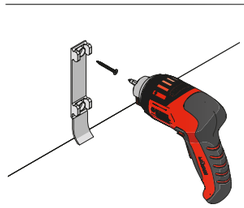
PLEASE SEE
IN 5A / 7A
9A / 12A



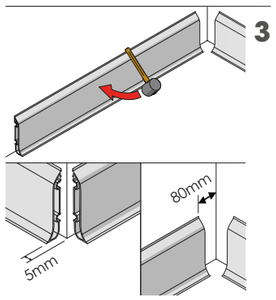
1



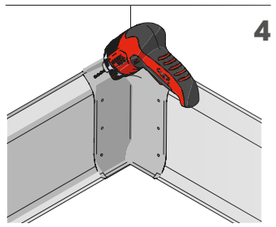
2



3



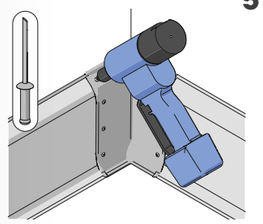
4



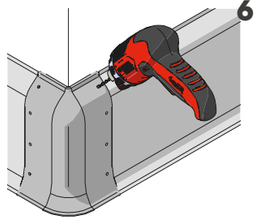
KERB 200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

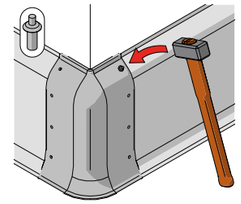
5



6

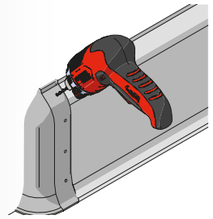


7

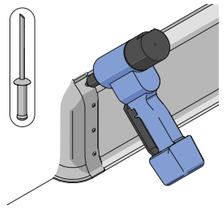


*PLEASE ALSO CHECK
THIS ALTERNATIVE
FOR INSTALLATION
WITH NEW KSJ 200 LT

8

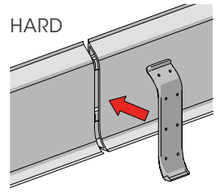


9



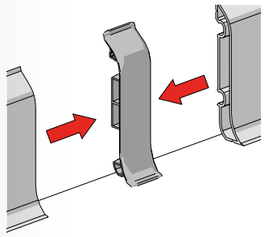
HARD

10*

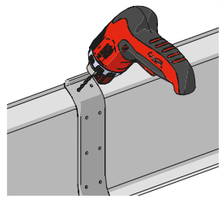


SOFT

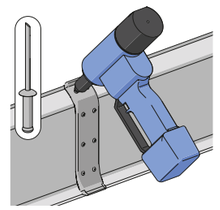
10*



11



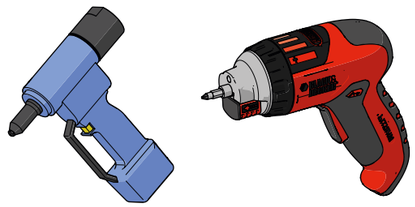
12

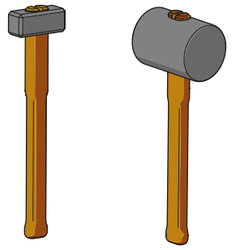


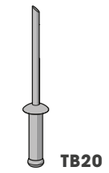
clarity

KERB 300

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

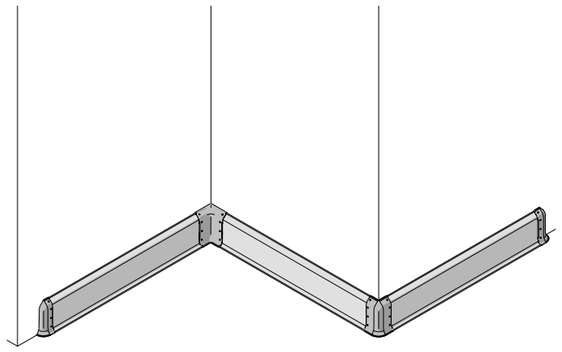




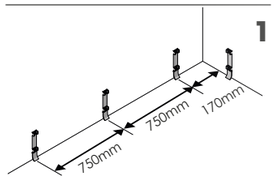


TB20

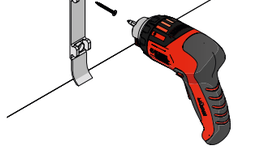
PLEASE SEE
IN 5A / 7A
9A / 12A



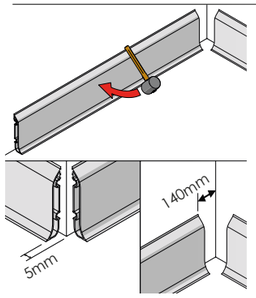
1



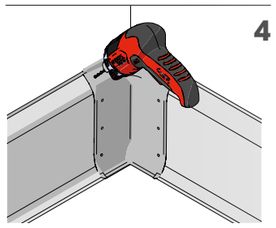
2



3



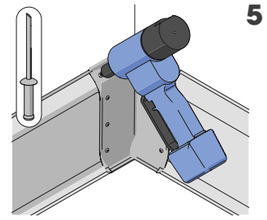
4



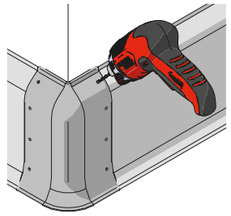
KERB 300

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

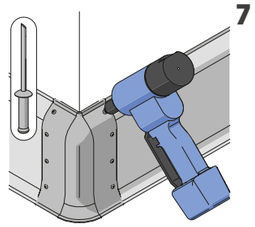
5



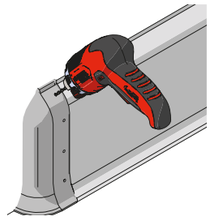
6



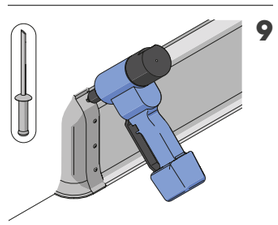
7



8

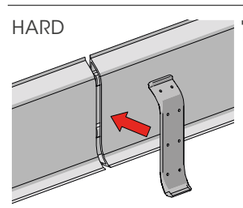


9

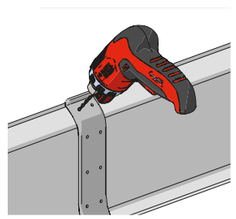


HARD

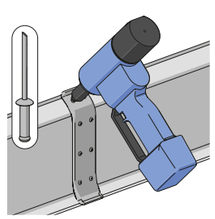
10



11



12



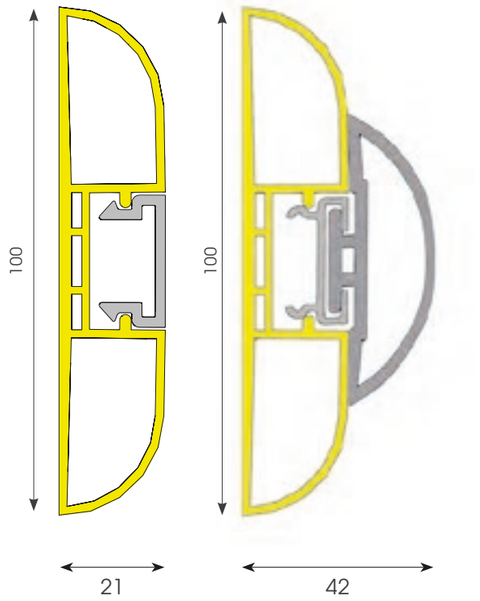
clarity

WP 100/150

PROTEZIONE PER PARETI
WALLS PROTECTION

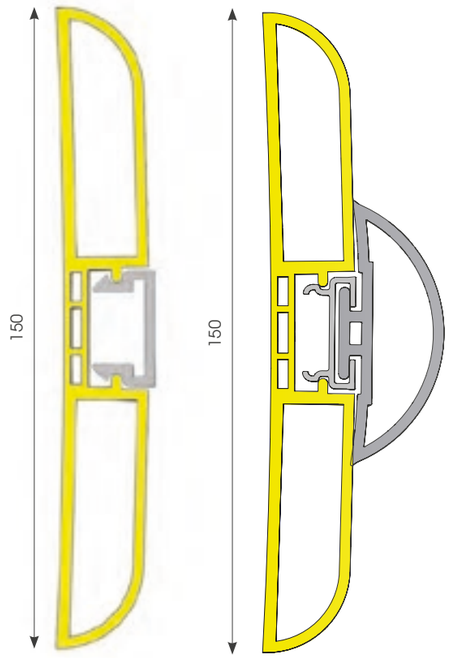
LIGHT LOAD / FOR HAND PALLET TRUCKS

WP 100



*WITH WPC *WITH WPCS

WP 150



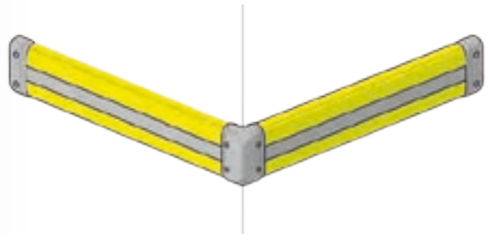
*WITH WPC *WITH WPCS

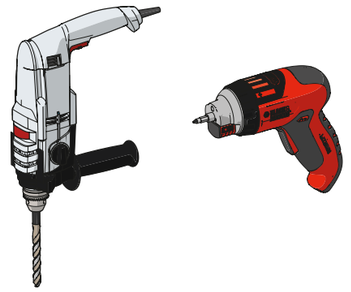
WARNING

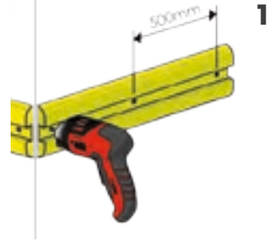
The product is not equipped with fixing accessories for the wall.

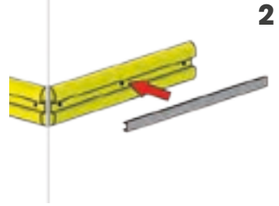
WP 100

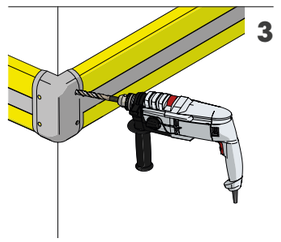
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

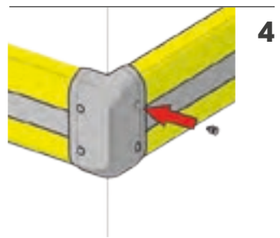


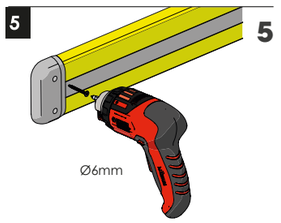


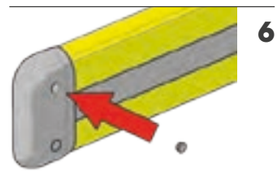






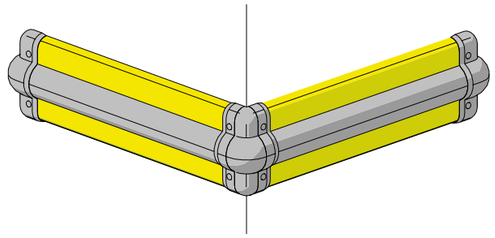


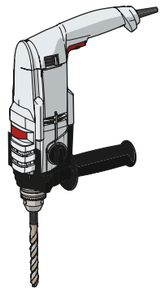




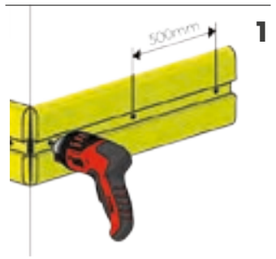
WP 150

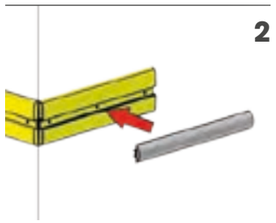
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

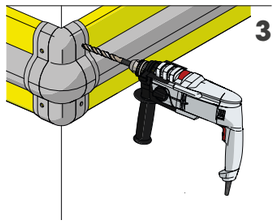


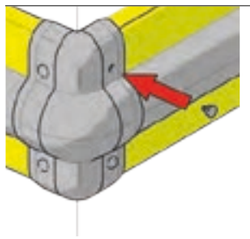


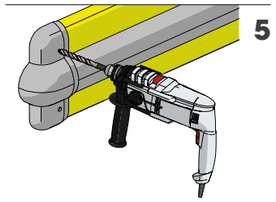


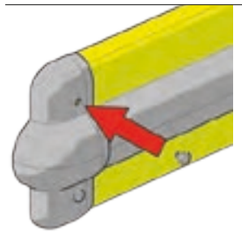








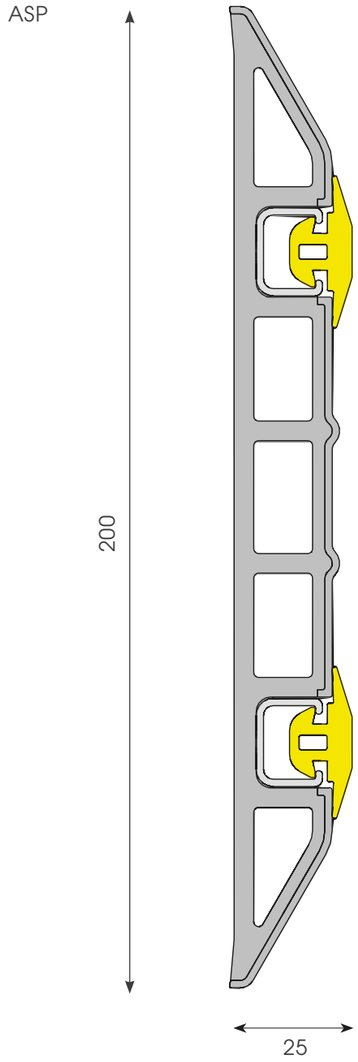




ASP 200

SISTEMA ANTISHOCK
ANTISHOCK SYSTEM

HEAVY LOAD / FOR FORKLIFTS

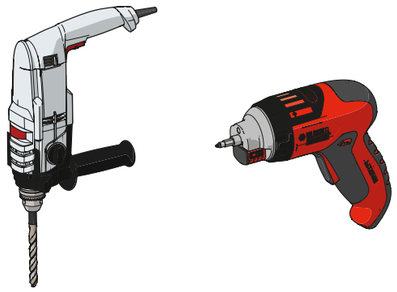


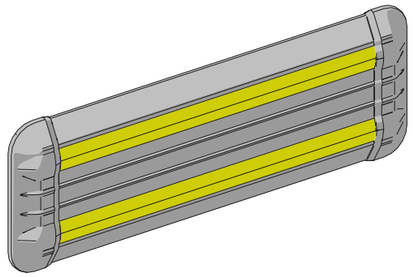
WARNING

The product is not equipped with fixing accessories for the wall.

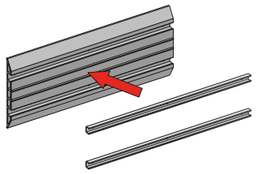
ASP 200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

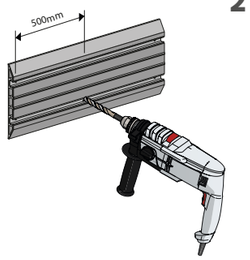




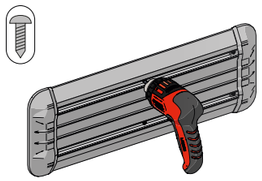
1



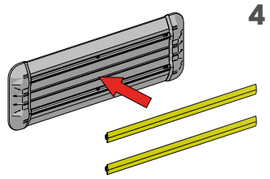
2



3



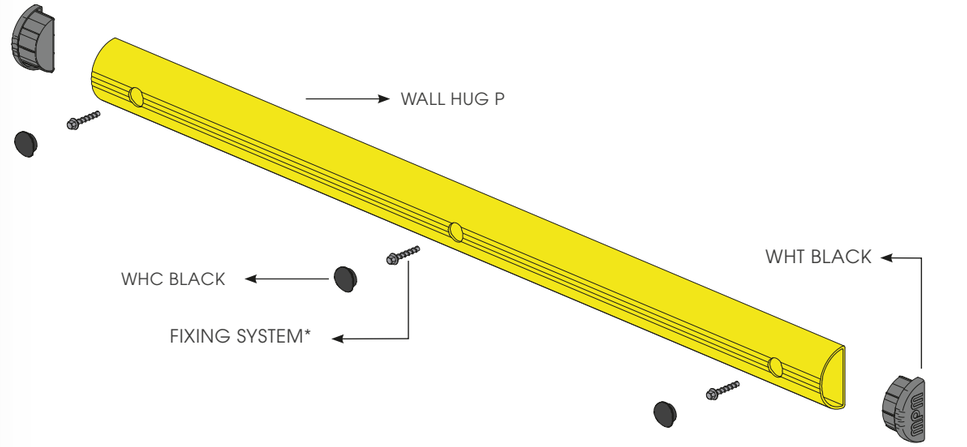
4

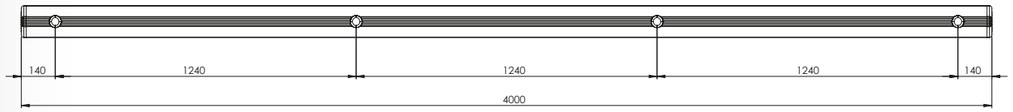


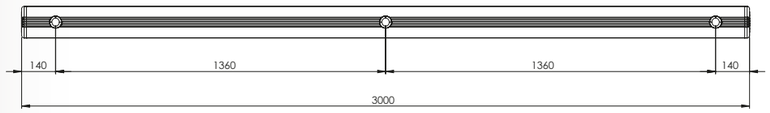
WALL HUG

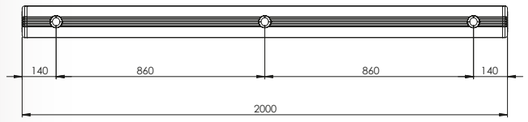
PROTEZIONE PER PARETI
WALL PROTECTION

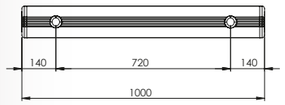
LIGHT LOAD / FOR HAND PALLET TRUCKS

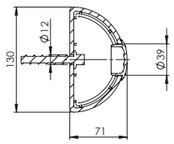










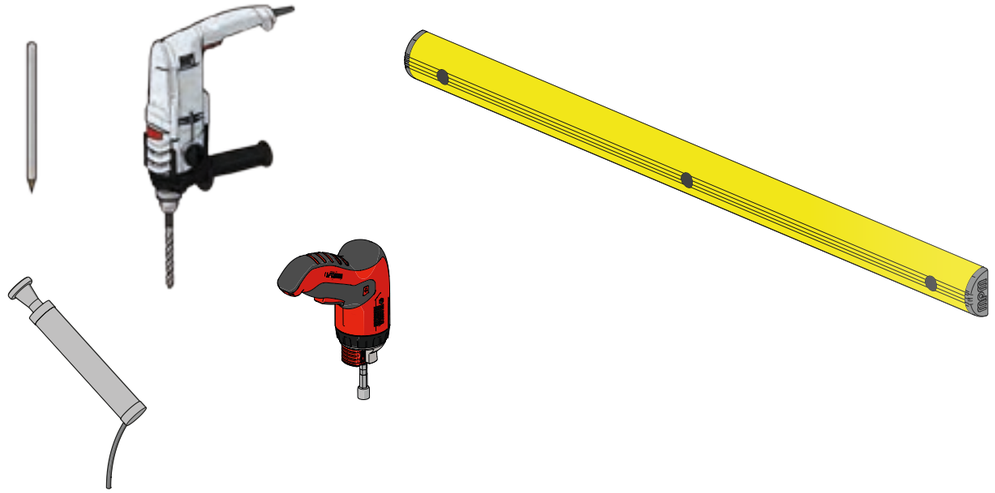


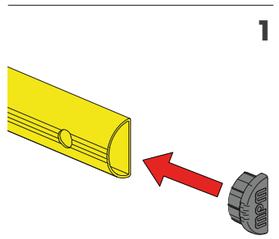
*WARNING

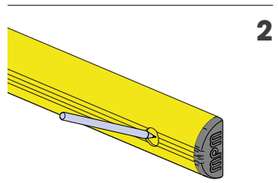
The product is not equipped with fixing accessories for the wall.

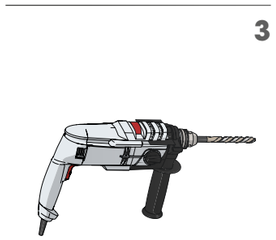
WALL HUG

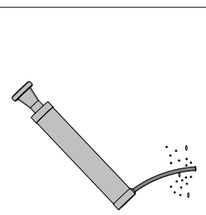
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

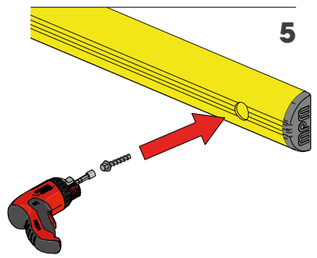


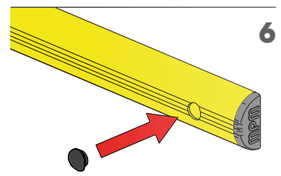








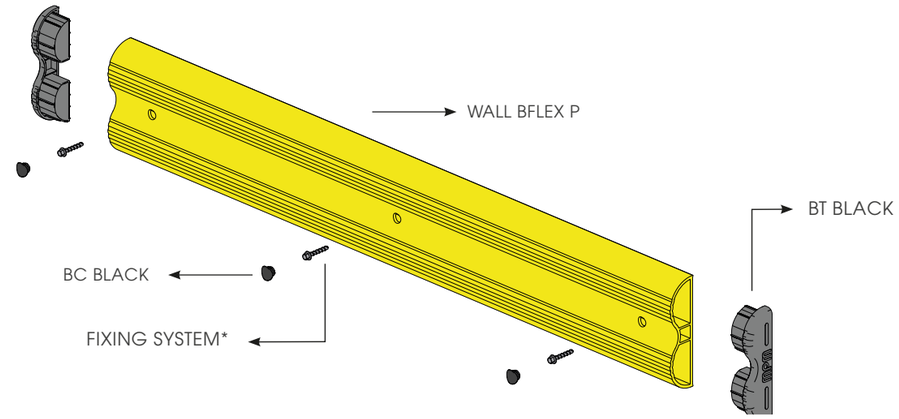


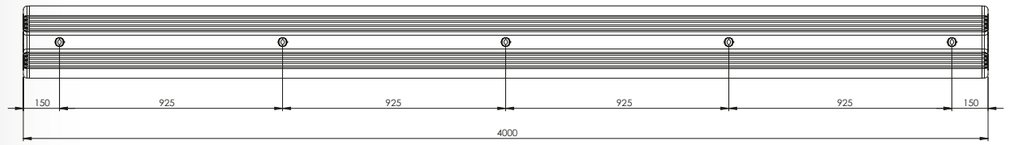


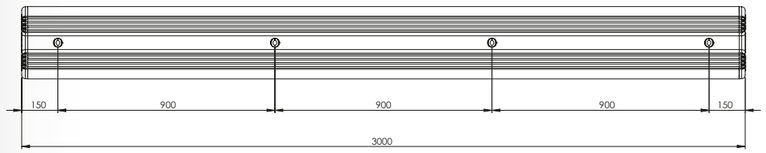
WALL BFLEX

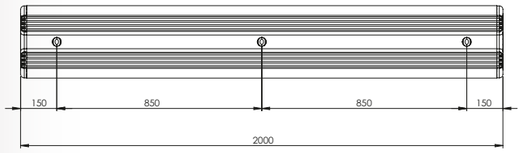
PROTEZIONE PER PARETI
WALL PROTECTION

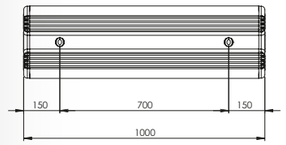
HEAVY LOAD / FOR FORKLIFTS

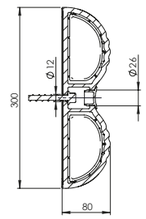










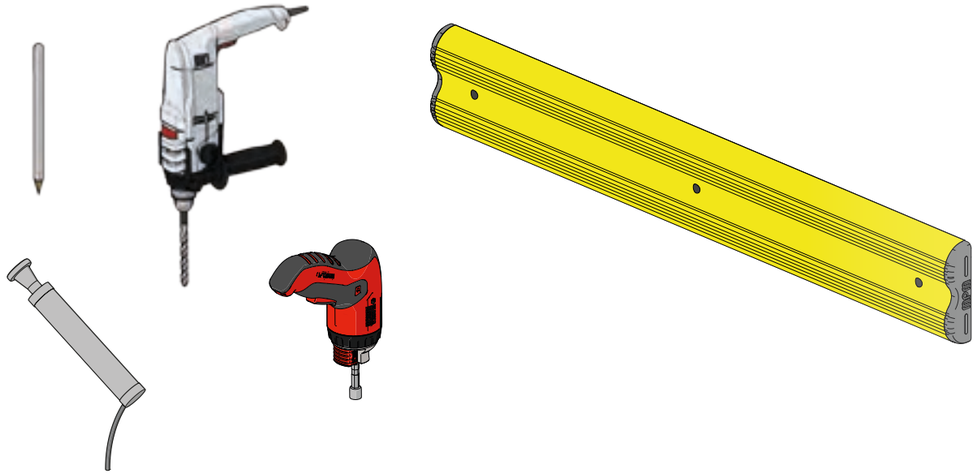


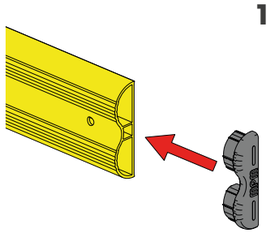
*WARNING

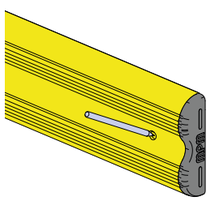
The product is not equipped with fixing accessories for the wall.

WALL BFLEX

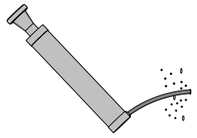
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

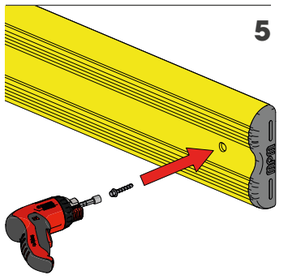


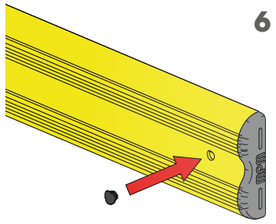








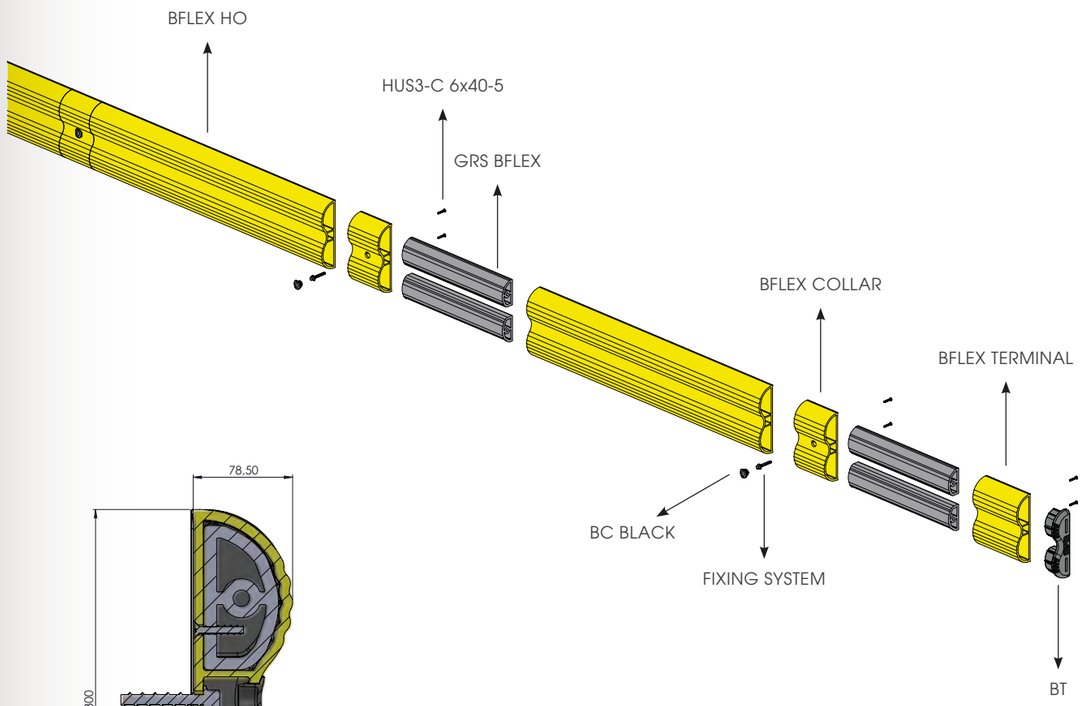


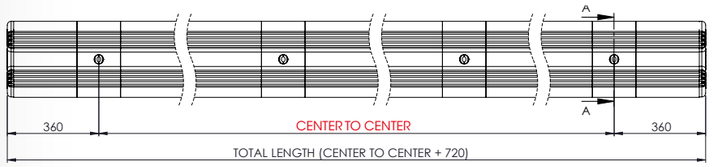


WALL BFLEX MODULAR

HEAVY LOAD / FOR FORKLIFTS

PROTEZIONE PER PARETI
WALL PROTECTION



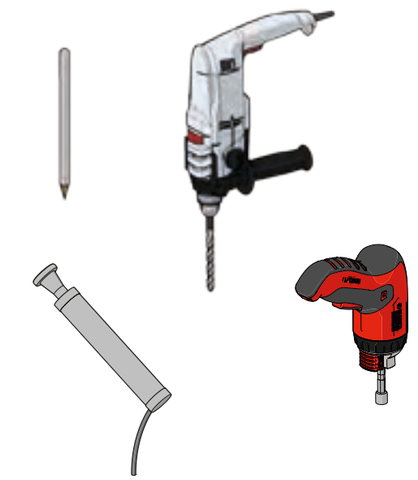


*WARNING

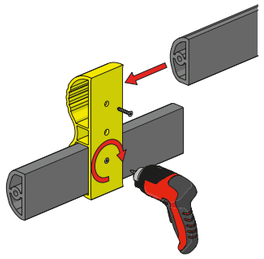
The product is not equipped with fixing accessories for the wall.

WALL BFLEX MODULAR

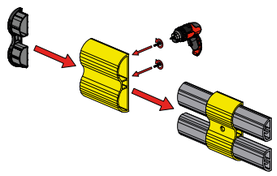
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



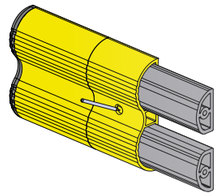
1



2



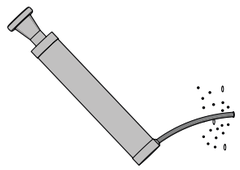
3



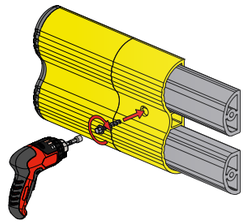
4



5



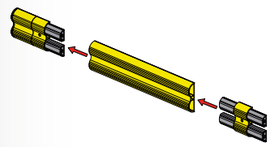
6



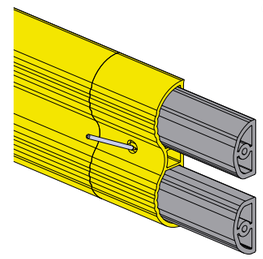
WALL BFLEX MODULAR

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

7



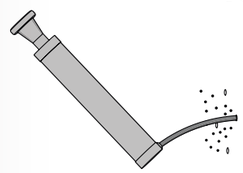
8



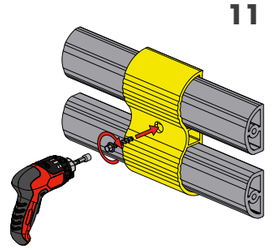
9



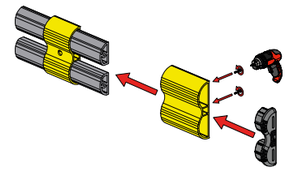
10



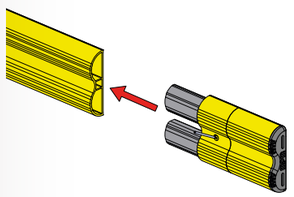
11



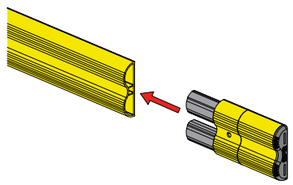
12



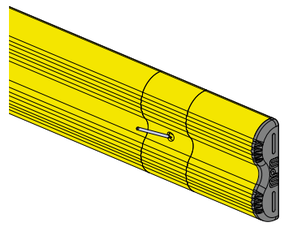
13



14



15



clarity

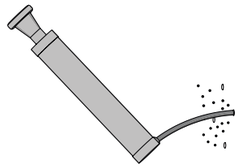
WALL BFLEX MODULAR

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

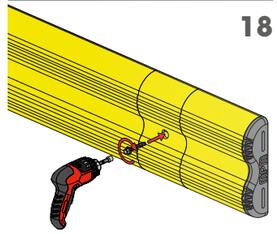
16



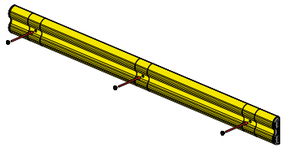
17



18

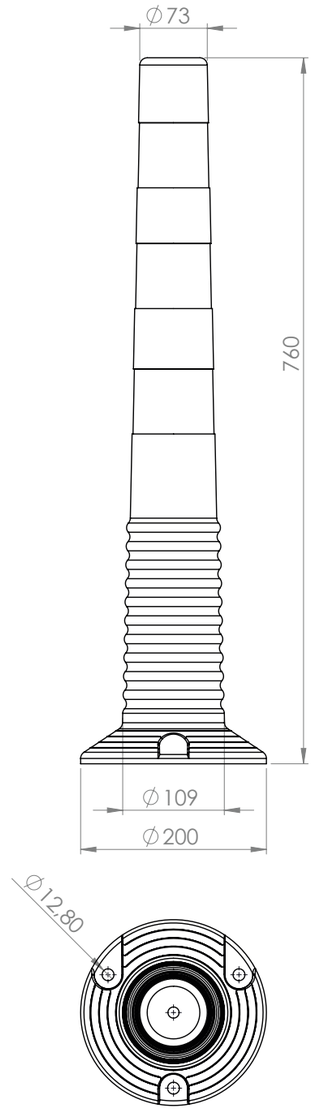


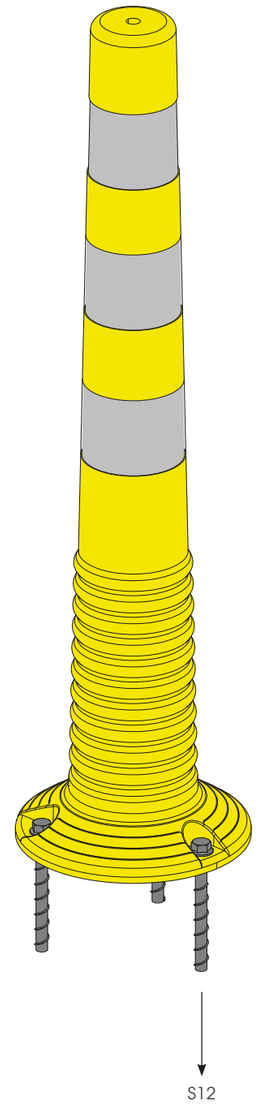
19



SOFT BOLLARD

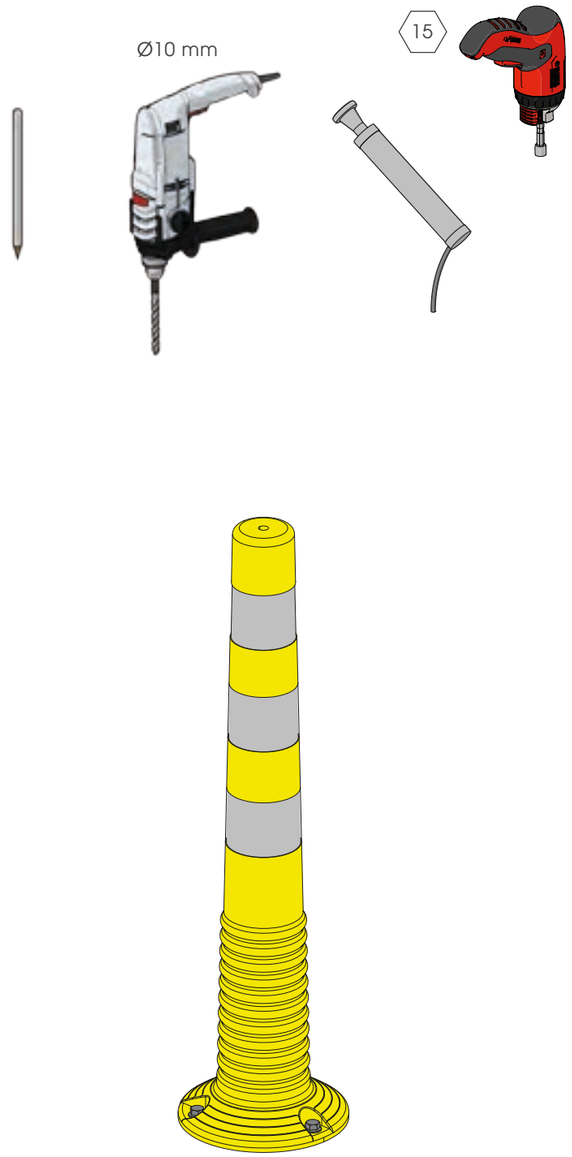
PALO PROTEZIONE
BOLLARD



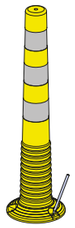


SOFT BOLLARD

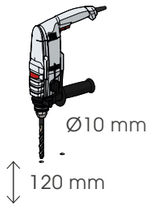
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



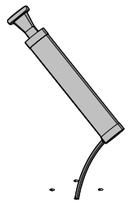
1



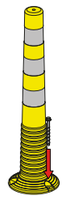
2



3



4

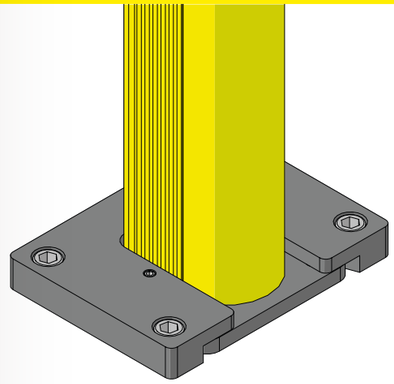


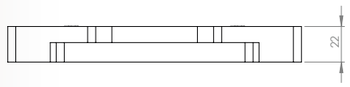
5

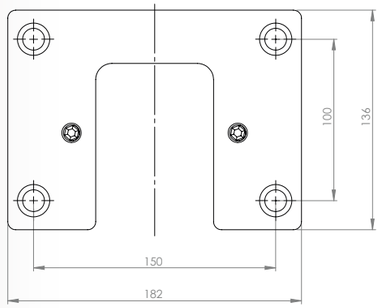


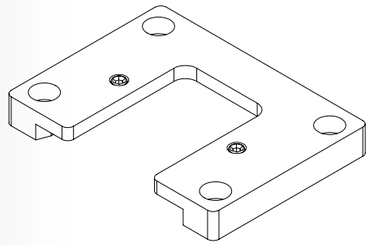
REMOVABLE SAFETY BARRIERS 90

PIASTRA REMOVIBILE PER SISTEMI 90
REMOVABLE PLATES FOR 90 SYSTEMS









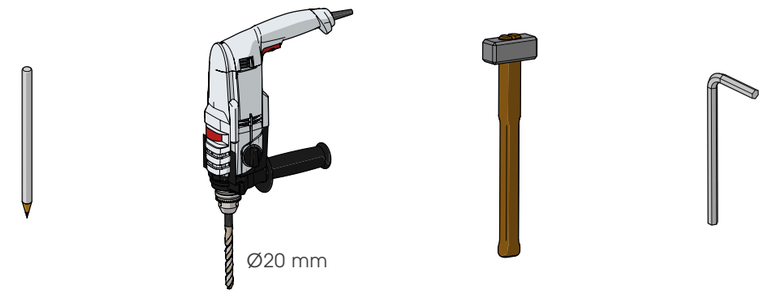


WARNING

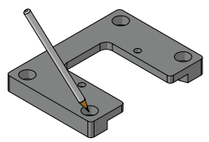
The removable plate is supplied with special removable fixing accessories FIX RE

REMOVABLE SAFETY BARRIERS 90

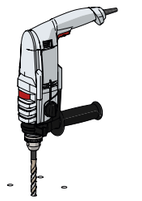
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



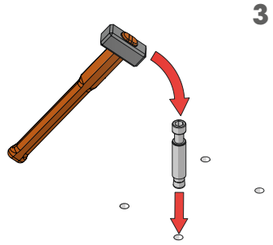
1



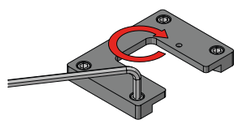
2



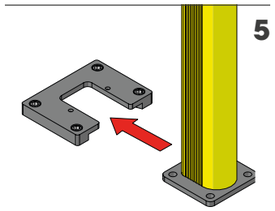
3



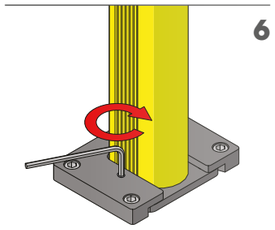
4



5

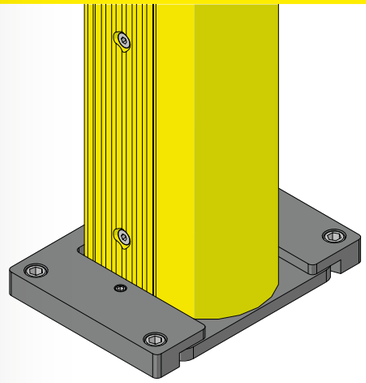


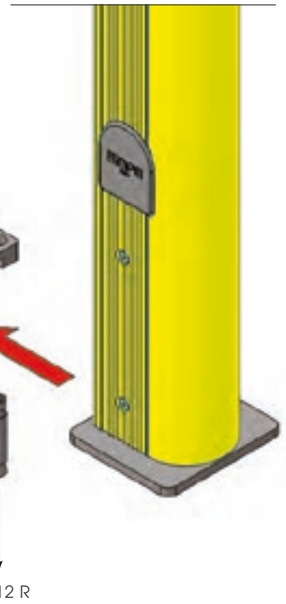
6

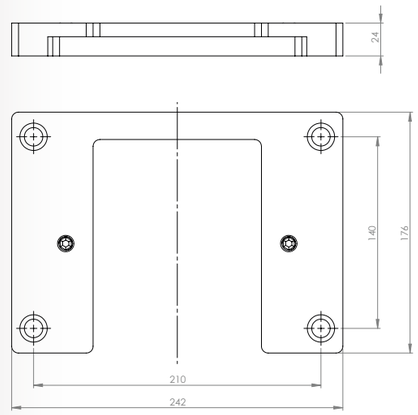


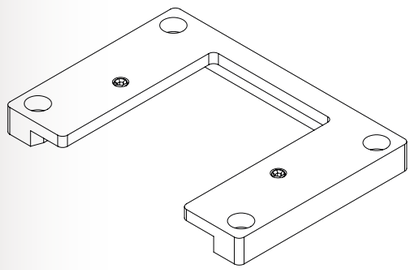
REMOVABLE SAFETY BARRIERS 150

PIASTRA REMOVIBILE PER SISTEMI 150
REMOVABLE PLATES FOR 150 SYSTEMS







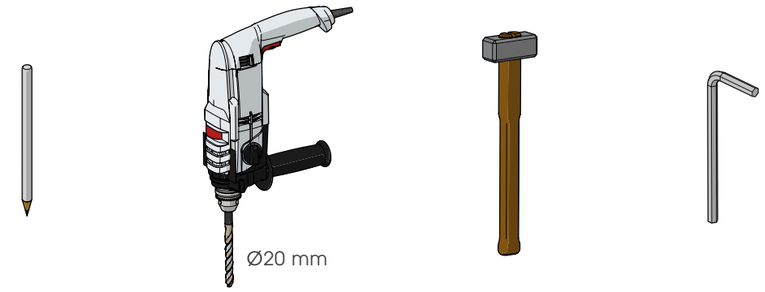


WARNING

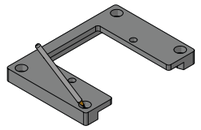
The removable plate is supplied with special removable fixing accessories FIX RE

REMOVABLE SAFETY BARRIERS 150

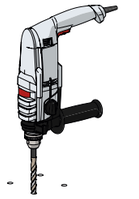
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



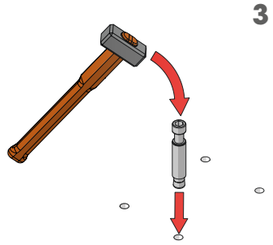
1



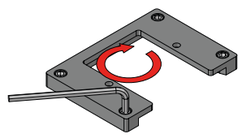
2



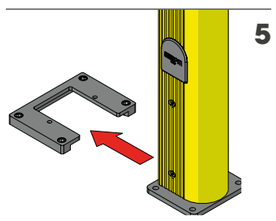
3



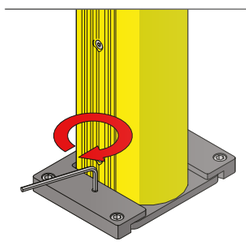
4



5



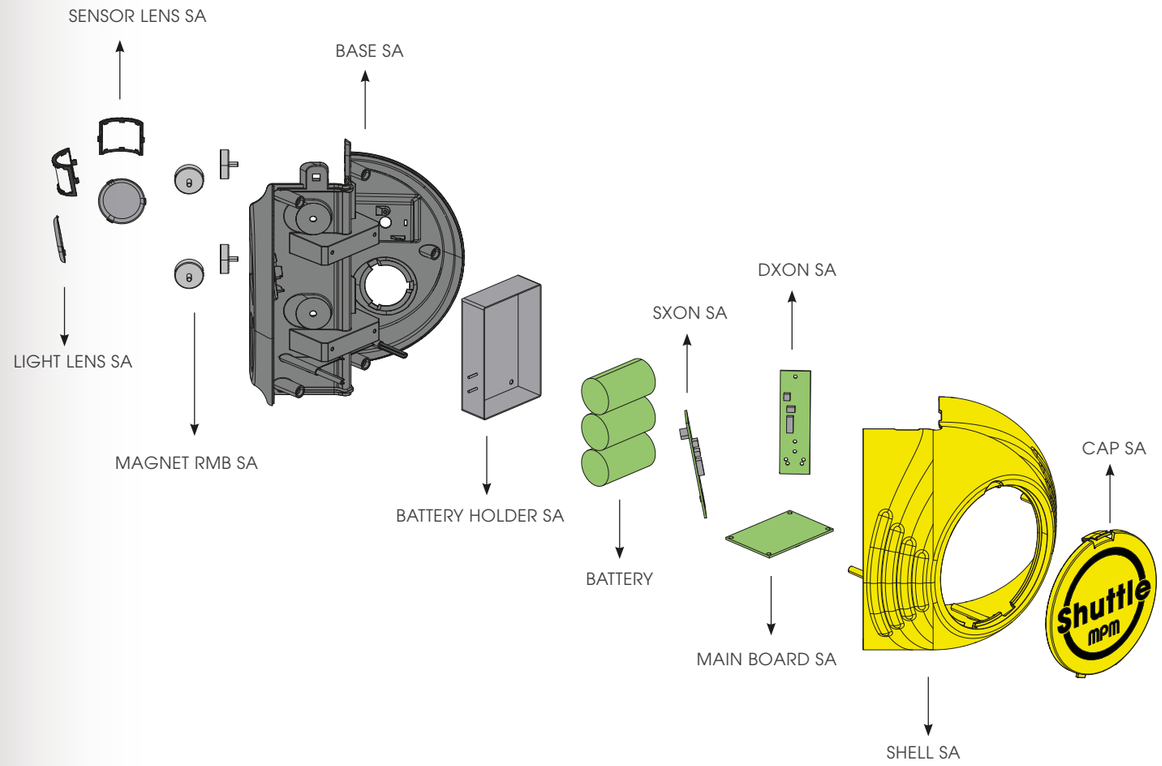
6

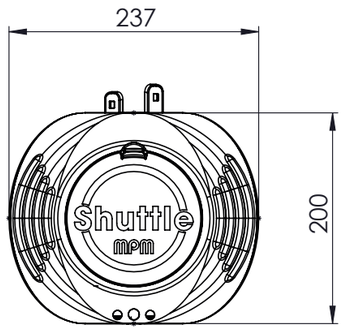


SHUTTLE

SENSORE ANGOLARE - SHUTTLE
ANGULAR SENSOR - SHUTTLE

HEAVY LOAD / FOR FORKLIFTS

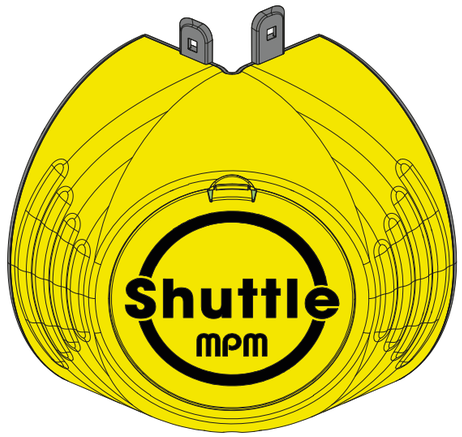




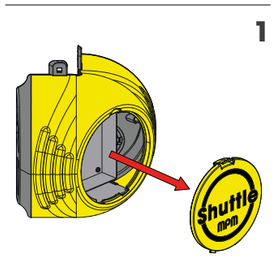
clarity

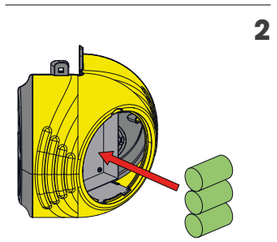
SHUTTLE

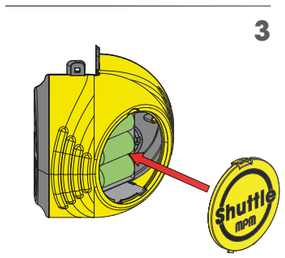
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

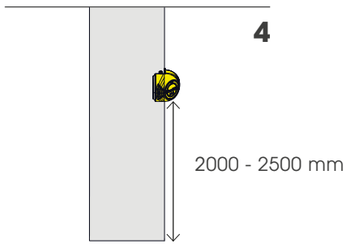


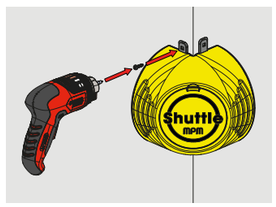


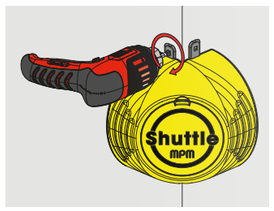

1
Shuttle
mpm


2


3
Shuttle
mpm


4
2000 - 2500 mm

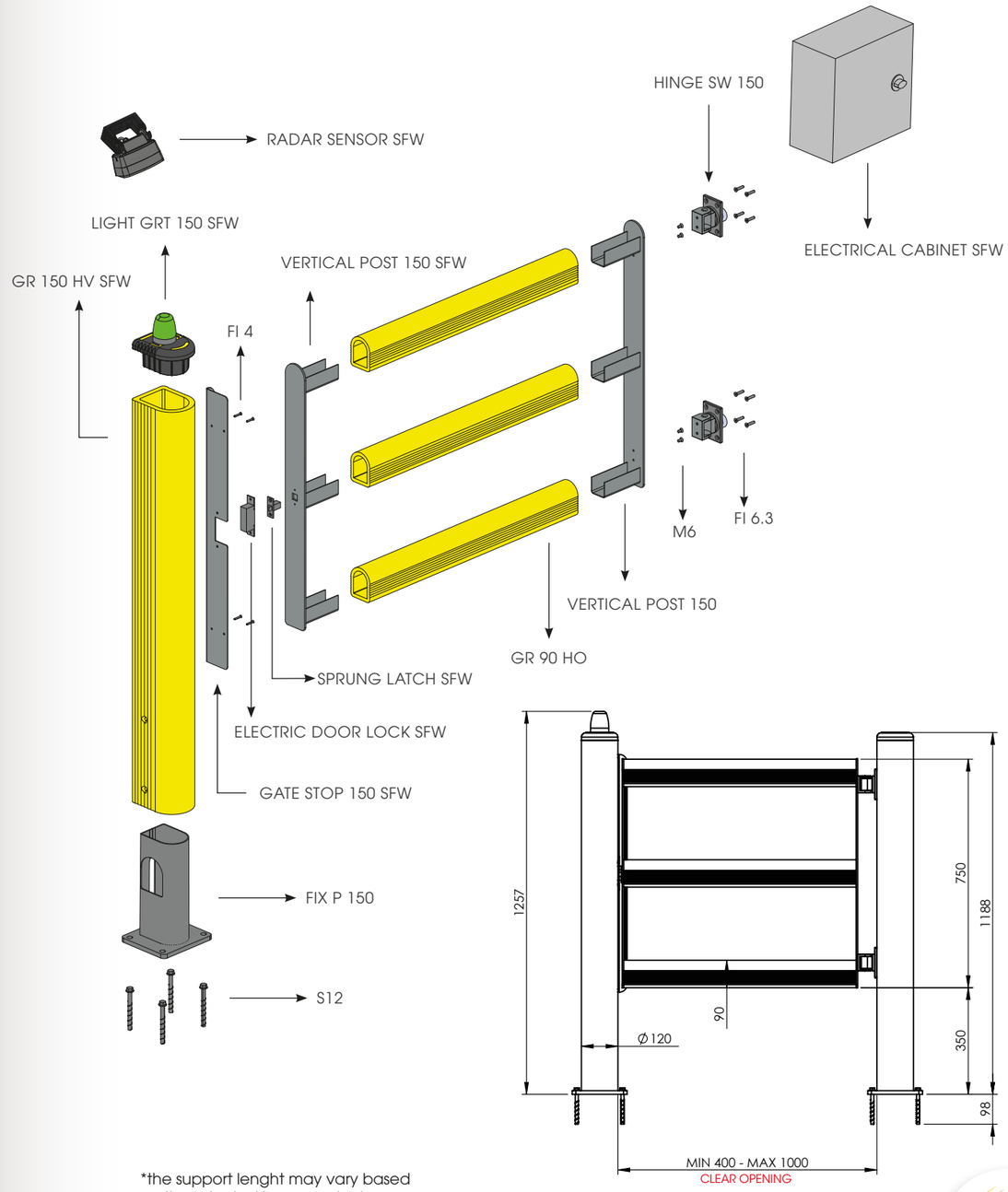

5
Shuttle
mpm


6
Shuttle
mpm

DP 150 SAFE WAY

PORTA PEDESTRIAN 150 - SAFE WAY
DOOR PEDESTRIAN 150 - SAFE WAY

HEAVY LOAD / FOR FORKLIFTS

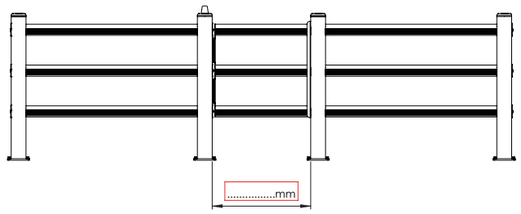


*the support lenght may vary based on the selected base product

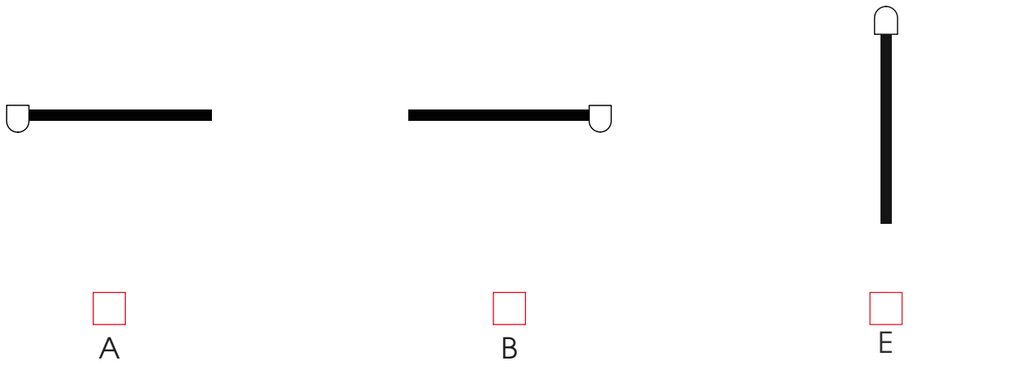
DP 150 SAFE WAY

PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150

PLEASE CHECK HERE BELOW
HOW THE SIZE OF THE DOOR IS TO BE MEASURED



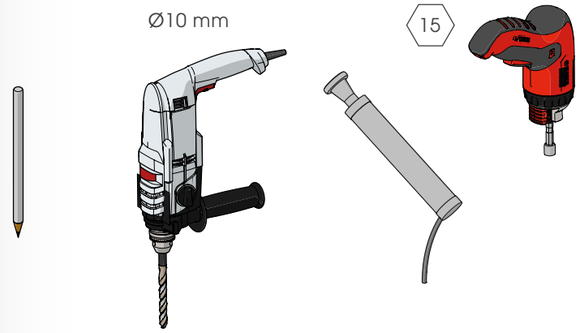
PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED

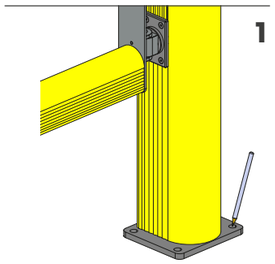


14 TECH SOLUTIONS SAFE WAY

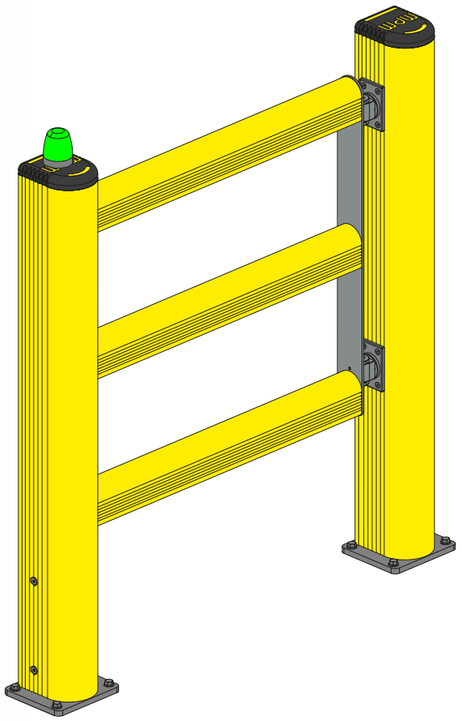
DP 150 SAFE WAY

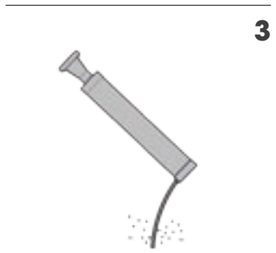
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

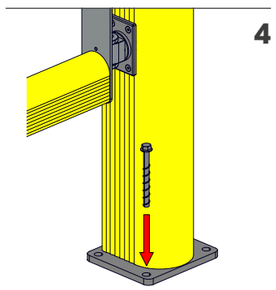










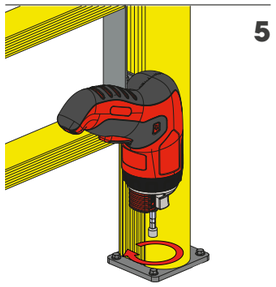


clarity

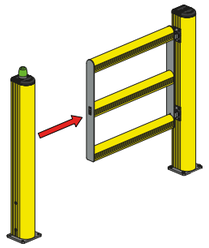
DP 150 SAFE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

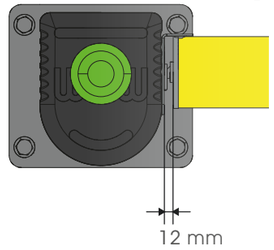
5



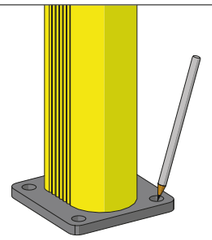
6



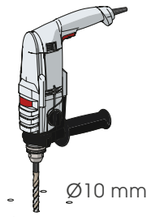
7



8



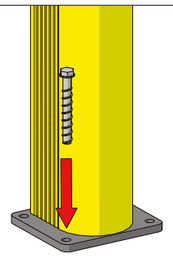
9



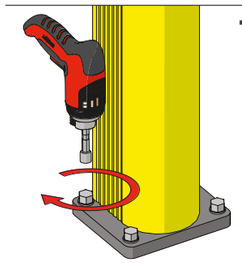
10



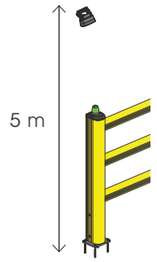
11



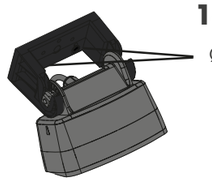
12



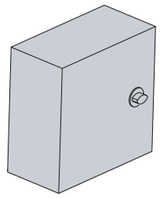
13



14



15



*The sensor must face in the direction of incoming traffic.

The Junction Box can be installed on the wall in whichever position is best suited. Electric Junctions are to be completed following the dedicated instruction manual.

Different fixings may be required based on the wall's structure and stratography

CLARITY PROTECTION'S IMPACT RESISTANCE

PRODUCT		MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW 10	15	30	45	60	90
RP		ANY								1.280,00
RC		ANY								2.800,00
ROD		70 120								2.000,00 3.600,00
GRD		90 150 150 PLUS 200								1.600,00 4.100,00 5.033,00 9.365,00
GR		90 150			79.592,25 193.177,02	35.827,69 86.956,78	9.600,00 23.300,00	4.800,00 11.650,00	3.200,00 7.766,67	2.400,00 5.825,00
GRIN		90 150	1.500 2.000		92.857,62 261.195,23	41.798,97 117.574,53	11.200,00 31.504,00	5.600,00 15.752,00	3.733,33 10.501,33	2.800,00 7.876,00
ROD FLOOR		70 100 120			115.010,80 331.634,00 1.014.801,00	51.771,01 149.282,00 56.803,00	13.872,00 40.000,00 122.400,00	6.936,00 20.000,00 61.200,00	4.624,00 13.333,00 40.800,00	3.468,00 10.000,00 30.600,00

PRODUCT		MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW 10	15	30	45	60	90
SM			1500		34.887,94	15.704,47	4.208,00	2.104,00	1.402,67	1.052,00
LM		MOD	2000		135.970,00	61.205,63	16.400,00	8.200,00	5.466,67	4.100,00
		RE	2000		309.414,87	139.280,14	37.320,00	18.660,00	12.440,00	9.330,00
LM/1 LINK					388.973,96*	175.092,90*	46.916,00*	23.458,00*	15.638,67*	11.729,00*
FENCE		90	1.500		26.530,75	11.942,56	3.200,00	1.600,00	1.066,67	800,00
		150	1.500		132.885,89	59.817,31	16.028,00	8.014,00	5.342,67	4.007,00
		150 REF	1.500		233.337,95	105.034,84	28.144,00	14.072,00	9.381,33	7.036,00
		150 LINK	2.000		421.407,80*	189.692,68*	50.828,00*	25.414,00*	16.942,67*	12.707,00*
LINK		SINGLE	2.000		288.521,91	129.875,37	34.800,00	17.400,00	11.600,00	8.700,00
		LM	2.000		577.043,81*	259.750,74*	69.600,00*	34.800,00*	23.200,00*	17.400,00*
		120/1	2.000		132.654,00	59.713,00	16.000,00	8.000,00	5.333,00	4.000,00
		120/2	2.000		182.399,00	82.105,00	22.000,00	11.000,00	7.333,00	5.500,00
		120/3	2.000		198.981,00	89.569,00	24.000,00	12.000,00	8.000,00	6.000,00
		150/1	2.000		489.426,01*	220.310,42*	59.032,00*	29.516,00*	19.677,33*	14.758,00*
		150/2	2.000		677.495,86*	304.968,26*	81.716,00*	40.858,00*	27.238,67*	20.429,00*
		150/3	2.000		865.565,72*	389.626,10*	104.400,00*	52.200,00*	34.800,00*	26.100,00*
HAND RAIL		90	1500		57.719,67*	24.631,54*	6.600,00*	3.300,00*	2.200,00*	1.650,00*
PED		90	1.500		99.490,31*	44.784,61*	12.000,00*	6.000,00*	4.000,00*	3.000,00*
		90 GL REF	2.000		261.195,23	117.574,53	31.504,00	15.752,00	10.501,33	7.876,00
		90 LINK	2000		165.817,00	74.641,00	20.000,00	10.000,00	6.667,00	5.000,00
		150	2.000		301.356,16	135.652,58	36.348,00	18.174,00	12.116,00	9.087,00
		150 LINK	2.000		589.878,06*	265.527,95*	71.148,00*	35.574,00*	23.716,00*	17.787,00*

PRODUCT		MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW 10	15	30	45	60	90
PIN		PED 150	2500		557.145,80*	250.793,80*	67.200,00*	33.600,00*	22.40,00*	16.800,00*
		PED 200	2000		557.145,80*	250.793,80*	67.200,00*	33.600,00*	22.400,00*	16.800,00*
BFLEX		FRONT/1	2.000		135.970,09	61.205,63	6.400,00	8.200,00	5.466,67	4.100,00
		FRONT/2	2.000		271.940,19*	122.411,27*	32.800,00*	16.400,00*	10.933,33*	8.200,00*
		FRONT/1 MODULAR	2.000		135.970,09	61.205,63	16.400,00	8.200,00	5.466,67	4.100,00
		FRONT/2 MODULAR	2.000		271.940,19*	122.411,27*	32.800,00*	16.400,00*	10.933,33*	8.200,00*
		COM/1	2.000		143.697,17	64.683,90	17.332,00	8.666,00	5.777,33	4.333,00
		COM/2	2.000		287.394,35*	129.367,81*	34.664,00*	17.332,00*	11.554,67*	8.666,00*
TOWER					301.356,16*	135.652,58*	36.348,00*	18.174,00*	12.116,00*	9.087,00*
TOWER LINK		TOWER LINK/1	2.000		489.426,01*	220.310,42*	59.032,00*	29.516,00*	19.677,33*	14.758,00*
		TOWER LINK/2	2.000		677.495,86*	304.968,26*	81.716,00*	40.858,00*	27.238,67*	20.429,00*
		TOWER LINK/3	2.000		865.565,72*	389.626,10*	104.400,00*	52.200,00*	34.800,00*	26.100,00*
COPRO		90			79.592,25	35.827,69	9.600,00	4.800,00	3.200,00	2.400,00
		150			193.177,02	86.956,78	23.300,00	11.650,00	7.766,67	5.825,00
DOCK GATE					248.360,98	111.797,31	29.956,00	14.978,00	9.985,33	7.489,00
TRUCK LINE					193.177,02	86.956,78	23.300,00	11.650,00	7.766,67	5.825,00
CP		70			15.255,18	6.866,97	1.840,00	920,00	613,33	460,00
		120			21.556,23	9.703,33	2.600,00	1.300,00	866,67	650,00

CLARITY PROTECTION'S
VEHICLE LOAD

LEGEND SYMBOLS	VEHICLE LOAD	VEHICLE TYPE
LIGHT LOAD FOR HANDPALLET TRUCKS		ELECTRIC PEDESTRIAN TRUCK
		ELECTRIC PEDESTRIAN STACKER
		MANUAL PALLET TRUCK

LEGEND SYMBOLS	VEHICLE LOAD	VEHICLE TYPE
HEAVY LOAD FOR FORKLIFTS		LIGHTWEIGHT COUNTERBALANCE FORKLIFT TRUCK
		ENGINE HEAVY DUTY FORKLIFT TRUCK
		ELECTRIC PALLET TRUCK WITH RIDER PLATFORM

* Clarity specifies that such values are the result of a sum of the unit data for the number of rails.
The unit data is proved by tests, stored in Clarity, on excellent conditions goods. Such tests cannot take note of particular situations, installation or bad maintenance.

CLARITY PROTECTION'S
IMPACT ENERGY

PRODUCT	WEIGHT (Kg)	IMPACT ENERGY (JOULES) FOR IMPACT SPEED (Km/h) 3	6	9	12	15
	**500**	160,00	722,50	1.562,50	2.722,50	4.410,00
	**750**	240,00	1.083,75	2.343,75	4.083,75	6.615,00
	**1250**	400,00	1.806,25	3.906,25	6.806,25	11.025,00
	**1750**	560,00	2.528,75	5.468,75	9.528,75	15.435,00
	**2500**	800,00	3.612,50	7.812,50	13.612,50	22.050,00
	**3500**	1.120,00	5.057,50	10.937,50	19.057,50	30.870,00
	**4500**	1.440,00	6.502,50	14.062,50	24.502,50	39.690,00
	**5600**	1.792,00	8.092,50	17.500,00	30.492,00	49.392,00
	**6300**	2.016,00	9.103,75	19.687,50	34.303,50	55.566,00

CLARITY PRODUCT WARRANTY

Clarity guarantees the product supplied in accordance with articles 1490 and following of the Italian Civil Code.

The warranty lasts twenty-four (24) months and starts from the date of delivery of the goods. The warranty consists of free repair and/or replacement of the defective part. The transport costs of the product shall be borne by the Buyer.

The Buyer loses the warranty if he does not report the hidden defects within eight days of their discovery. For obvious defects, the reporting period starts from the delivery of the goods. The complaint must be made in writing (registered letter or certified e-mail).

Clarity reserves the right to ascertain the existence of the defect and the right to replace the entire product supplied.

The warranty does not apply: to parts damaged during transport, to damages caused by accident, impact, inexperience in use, improper or unauthorized use, unauthorized modifications or repairs of tampering, lack of proper maintenance, normal wear and tear and deterioration due to atmospheric and environmental agents, both in colors and materials.

The warranty will be considered valid only if, according to Clarity's discretional evaluation, all the assembly, installation and use rules of the supplied product, as defined in the technical catalogue on the company website (clarity-safety.com), are respected.

If Clarity has carried out the installation, the Buyer will lose the warranty if interventions by unauthorized third parties take place after the installation itself.

Before buying and installing Clarity solutions, please consult the technical data sheet of each product in the technical catalogue available on clarity-safety.com.

The photos shown in the catalogues and on the company websites are for advertising purposes only and do not represent in any way how the products are used.

Impact resistance and manufacturing tolerances
Impact resistances indicated in the brochure, or in other documents, refer to laboratory tests and cannot take into account consequences determined by installation methods or peculiarities of the place where the products are installed (in an operational environment vehicle type, speed and mass, routes, angles of impact, ground and anchorage are variable and uncontrolled conditions that no test can replicate).

The data refers to an intact product which length is indicated on the test report and it can be affected by alterations from incorrect maintenance, wear and tear, as well as the methods and characteristics of installation (with specific reference to floor-mounted products); the weight, dimensions, colors and characteristics of the material refer to the sample and the conformity with the latter of the product supplied will be subject to normal production tolerance. The product may be affected by environmental installation conditions.

The warranty does not apply in the case of direct installation on asphalt without foundation plinths. Due to the particular nature and variety of this flooring, it is not possible to guarantee the impact resistance.

Limits of liability
The maximum compensation under this guarantee shall not exceed the amount paid by the customer for the purchase of the product in dispute, and damages for image, loss of business and contracts, revenues, etc. are excluded from the compensation itself.

Temperature range
The standard operating temperature of Clarity flexible protections is generally from +5 °C to +60 °C. For installations in low temperature environments up to -30 °C an alternative material should be required.

Color
The fastness of the color and its brightness depend on wear and tear and weather conditions that can affect its intensity over time. For outdoor applications exposed to direct sunlight it is possible to choose the grey color.



Manchester Office



Hull Office

Clarity

Melton House
Jackson Way
Melton
East Yorkshire
HU14 3HJ

T 01482 296451
W www.clarity-safety.com
E info@clarity-safety.com

@claritysafety

Clarity

#ClaritySafety
#GuidingTheWay
#ProtectingWhatMatters

clarity