

TECHNICAL DATA SHEETS

PLASTIC PROTECTIONS
AND SAFETY BARRIERS

flexible
and compact
design

no holes
on the column

bumper
system

no holes
on the floor

 **mpm**
PLASTIC PROTECTIONS

APRIL 2019



01 RACK PROTECTIONS

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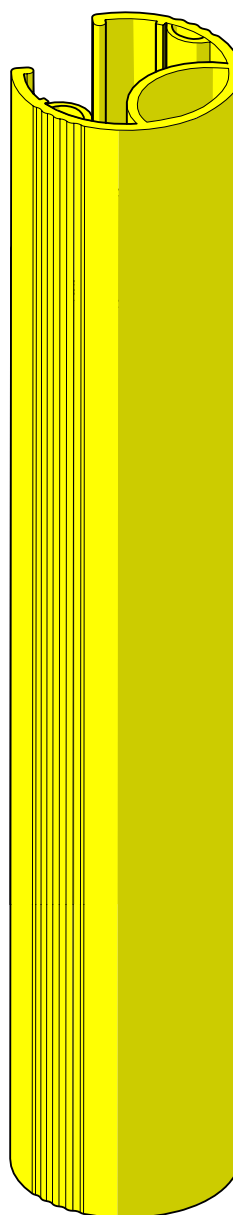
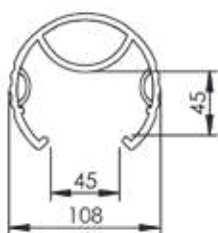
ANTISHOCK SYSTEM	
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RPS 600

PROTEZIONE MONTANTE PICCOLO
SMALL RACK PROTECTOR



IMPACT TEST PASSED
according to
EN 15512:2009

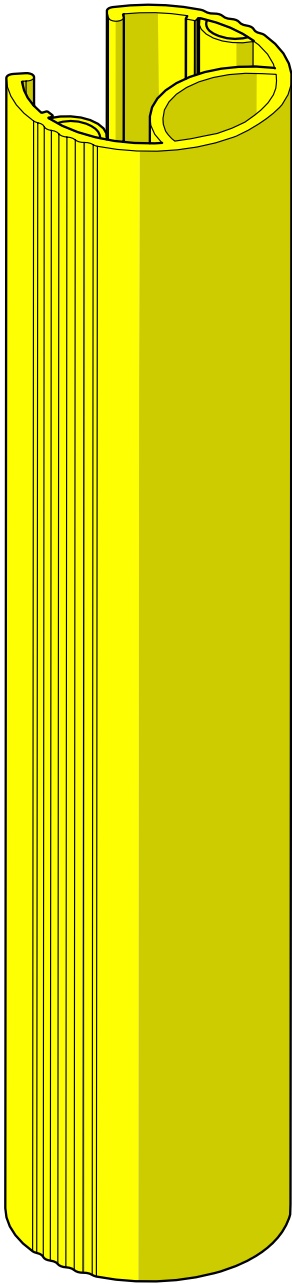
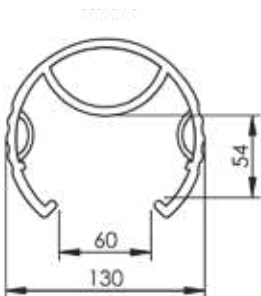


RPM 600

PROTEZIONE MONTANTE MEDIO
MEDIUM RACK PROTECTOR



IMPACT TEST PASSED
according to
EN 15512:2009

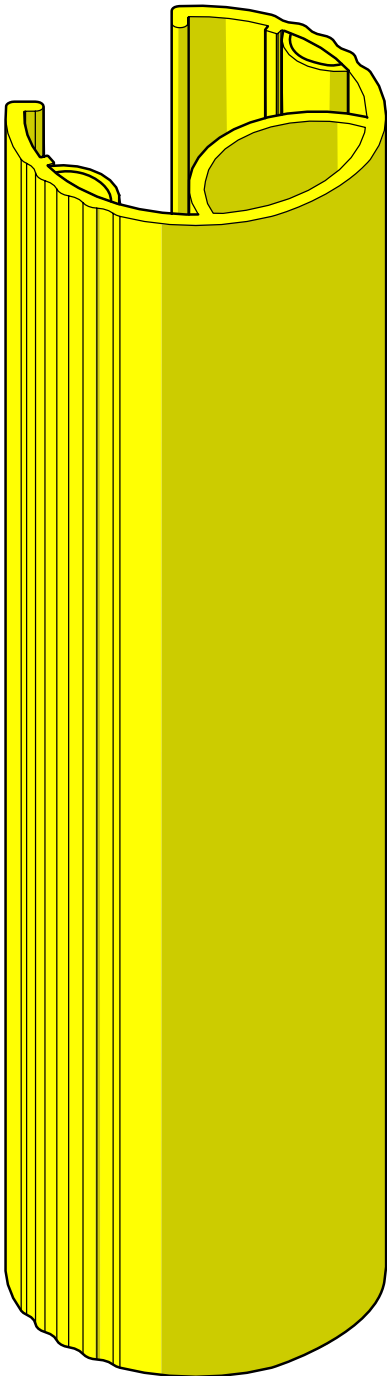
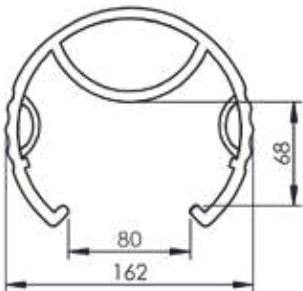


RPL 600

PROTEZIONE MONTANTE GRANDE
LARGE RACK PROTECTOR



IMPACT TEST PASSED
according to
EN 15512:2009

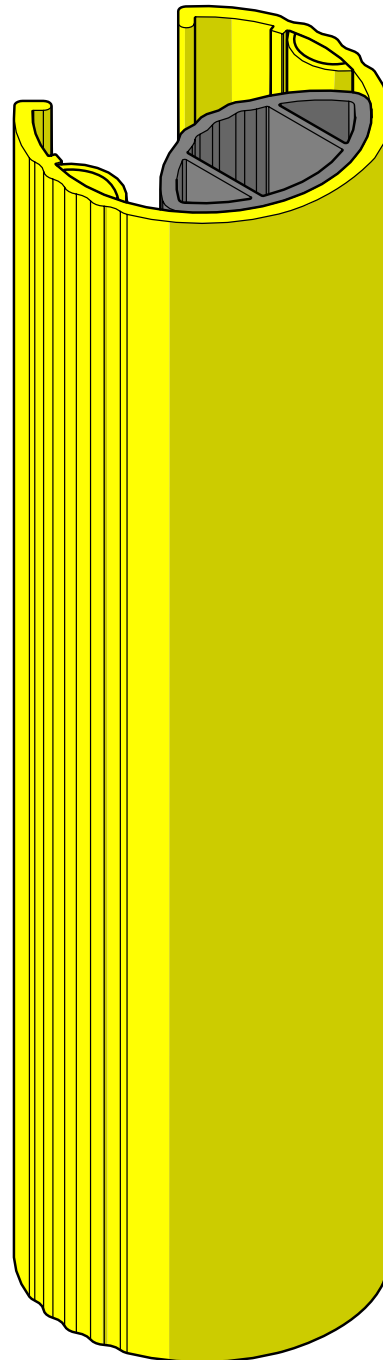
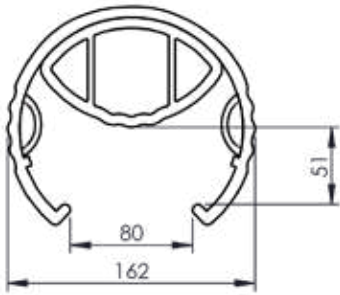


RPL XL 600

PROTEZIONE MONTANTE EXTRA LARGE
EXTRA LARGE RACK PROTECTOR

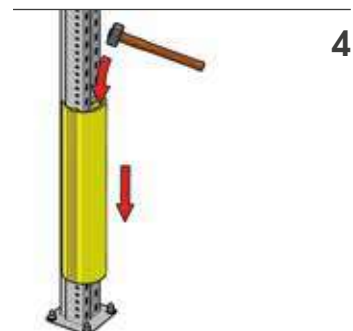
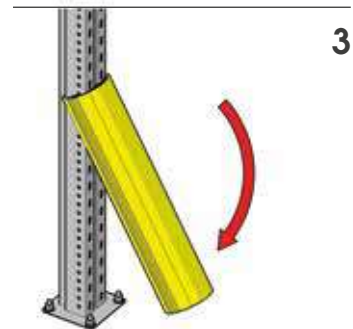
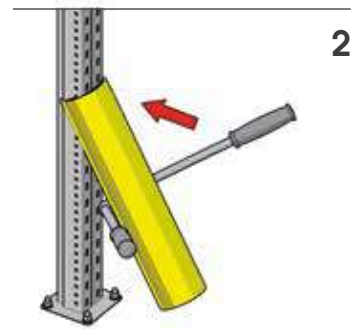
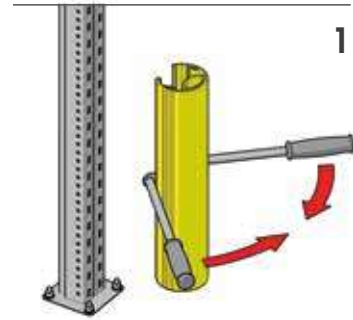
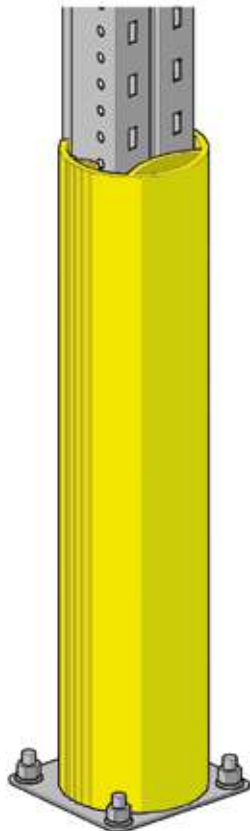
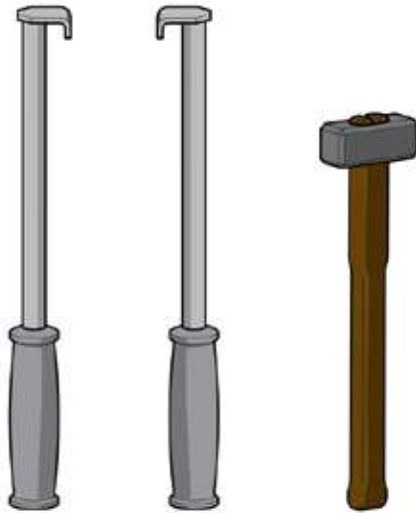


IMPACT TEST PASSED
according to
EN 15512:2009



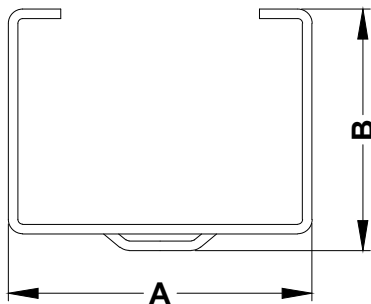
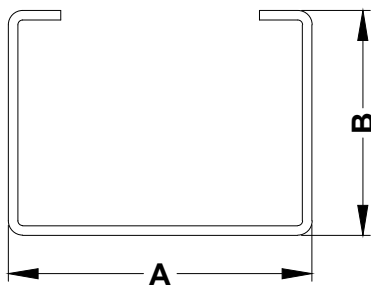
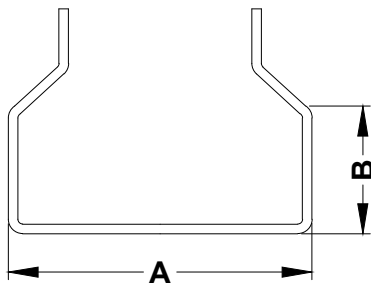
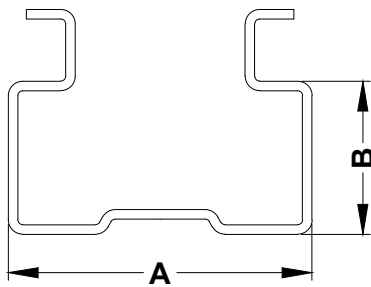
RPS/RPM/RPL/RPL XL

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



UPRIGHT SIZE LAYOUT

PLEASE **CHECK SIZE** MENTIONED AS "A" AND "B"
ON YOUR UPRIGHT IN ORDER TO CHOOSE THE RIGHT PVC PROTECTOR
CUSTOMIZED PROTECTORS AVAILABLE ON REQUEST



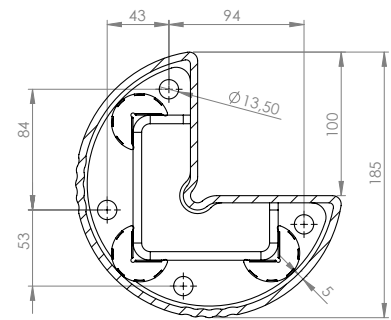
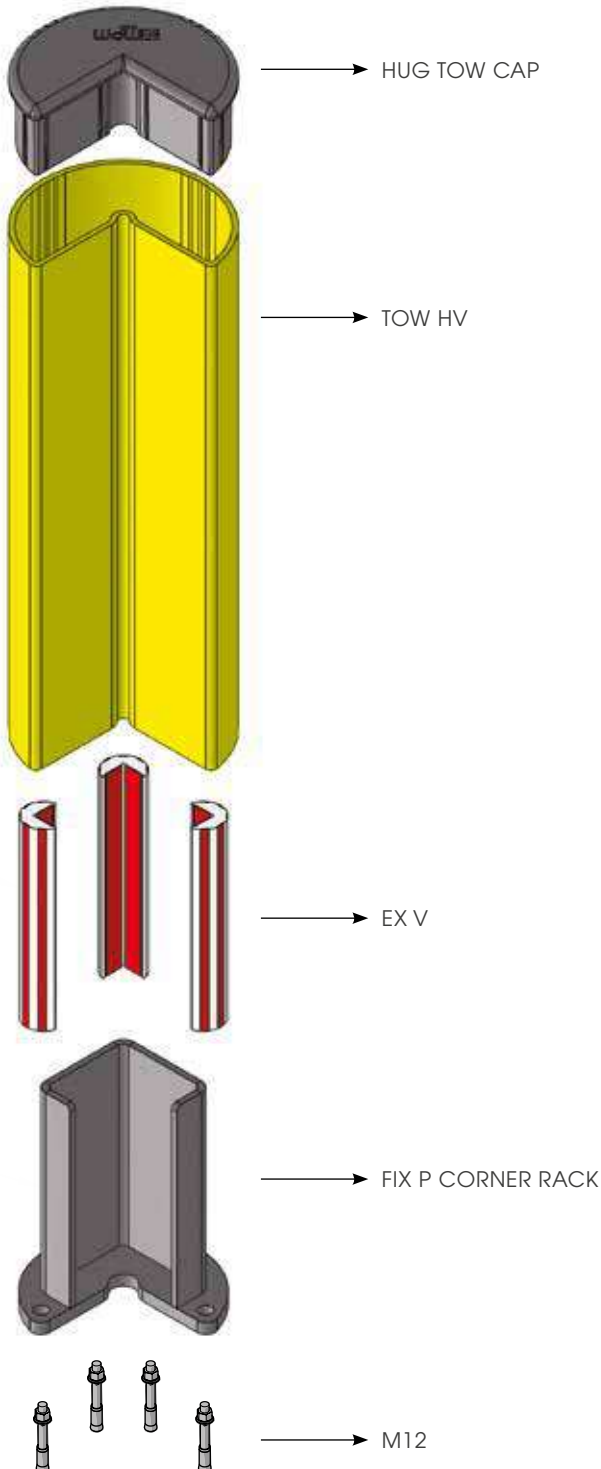
RACK PROTECTOR	A	B
RPS	70	50
	75	45
	75	50
	76	50
	80	35
	80	40
	80	42
	80	44
	80	45
	80	50
	85	40
	85	45
	85	50
RPM	90	35
	80	57
	80	60
	90	48
	90	50
	90	60
	100	45
100	50	
100	55	
RPL	120	60
	122	69
	130	60
	130	65

RACK CORNER

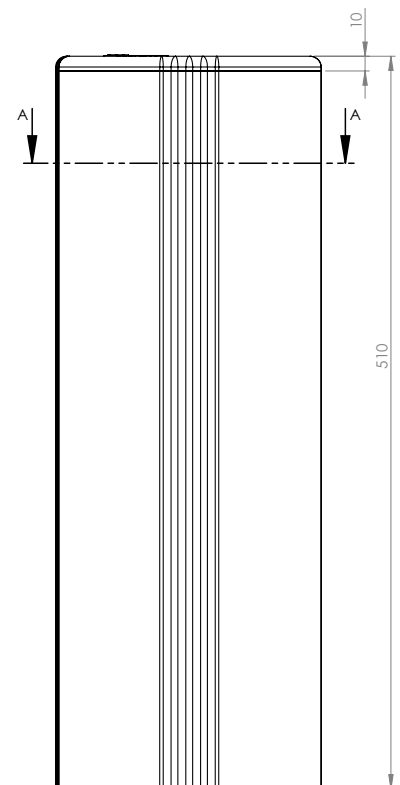
PROTEZIONE ANGOLO SCAFFALE
RACK CORNER



IMPACT TEST PASSED
according to
EN 15512:2009



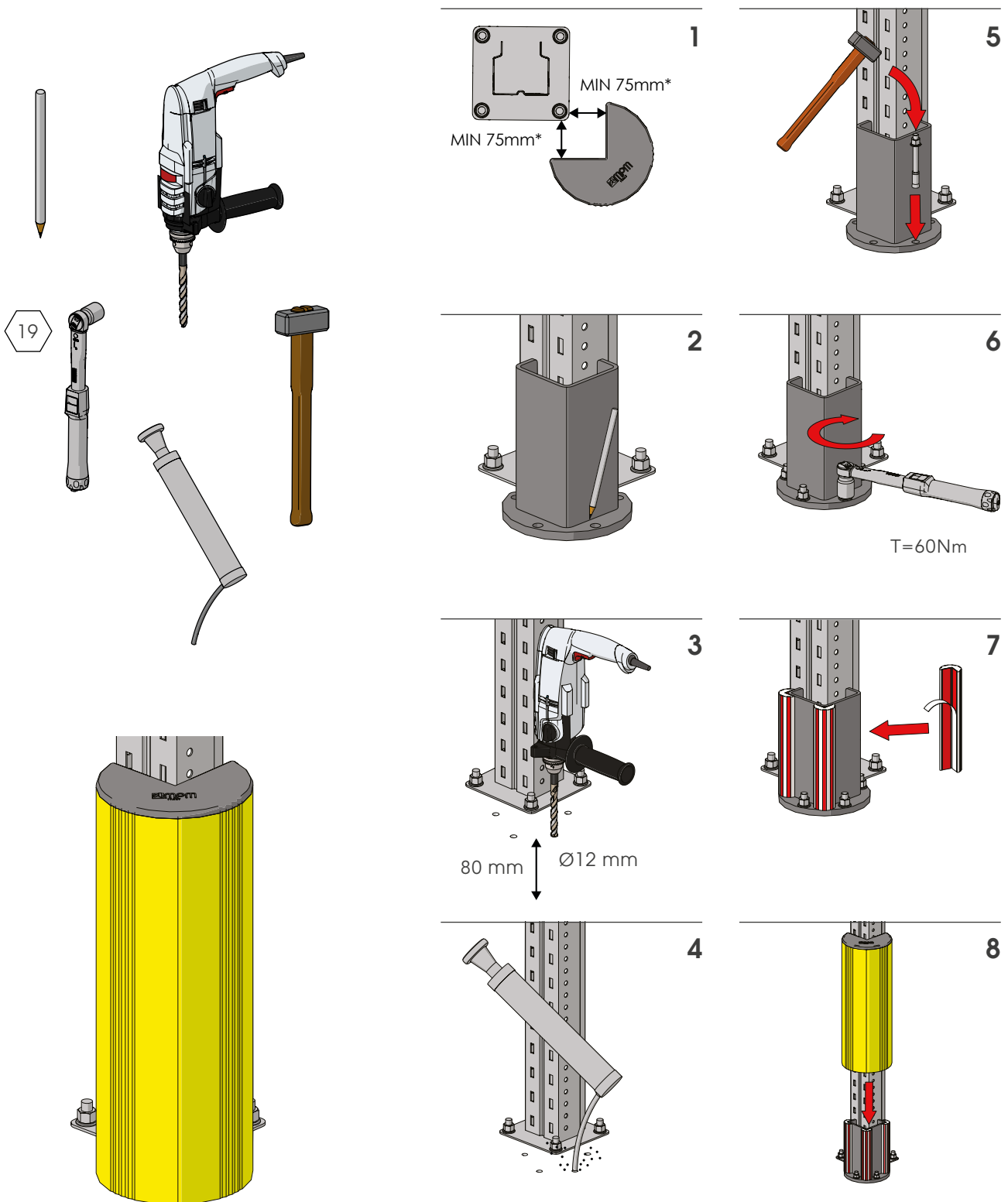
SEZIONE A-A
SCALA 1:3



RACK CORNER

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

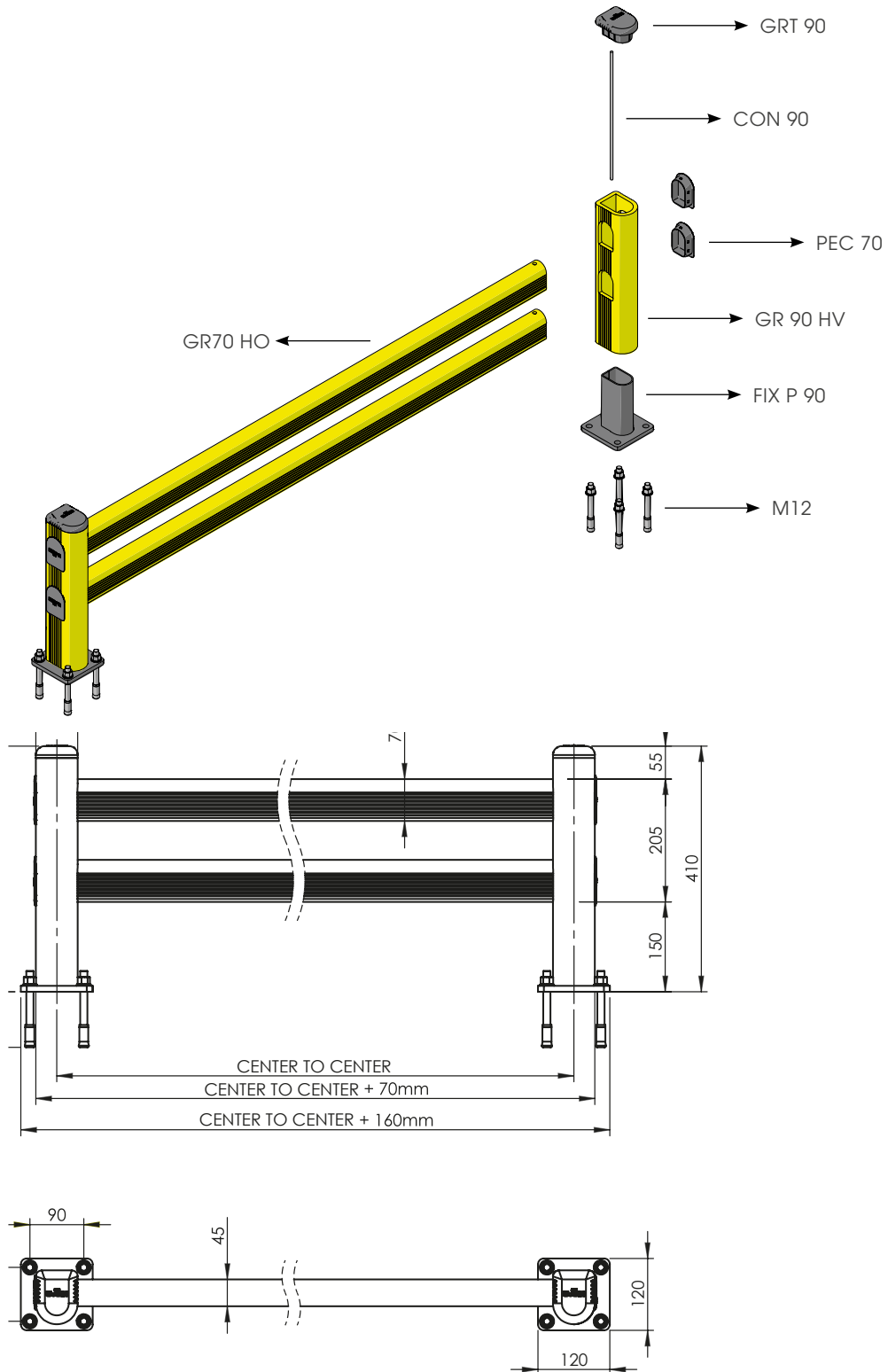
ONLY WITH MECHANICAL ANCHOR M12



01. RACK PROTECTIONS RACK-END BARRIERS

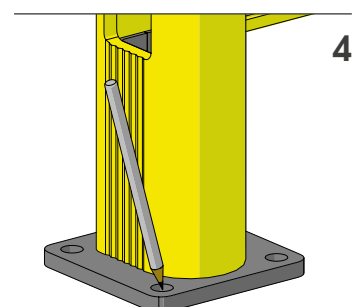
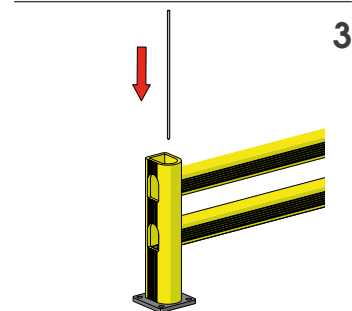
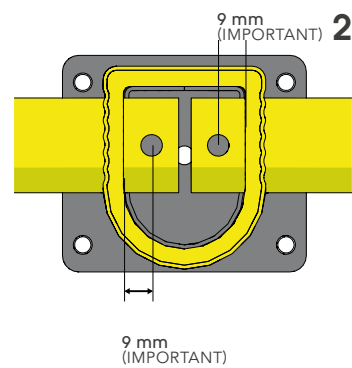
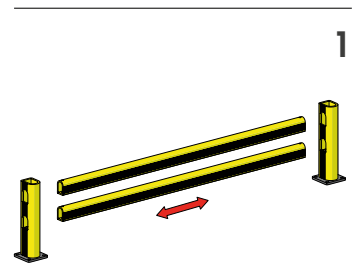
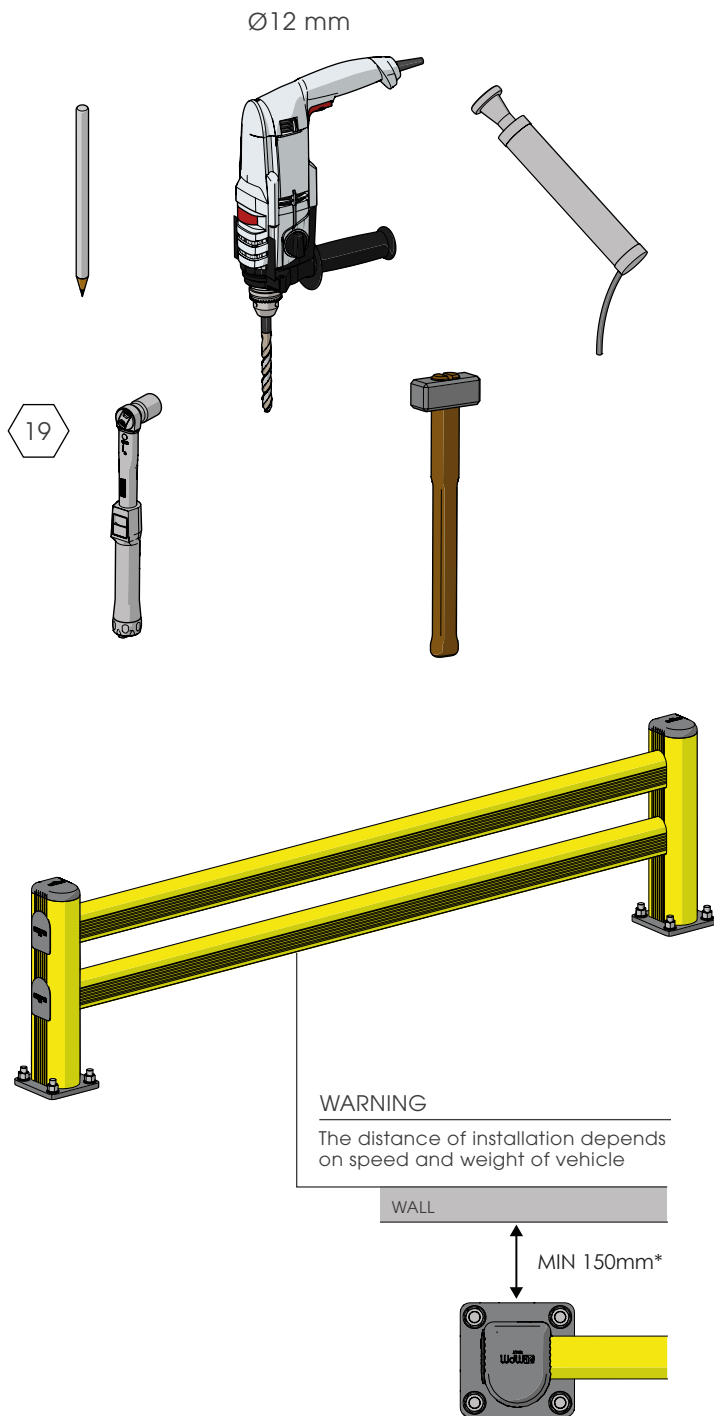
SM

GUARD RAIL A DOPPIA BARRIERA
DOUBLE RAIL BARRIER



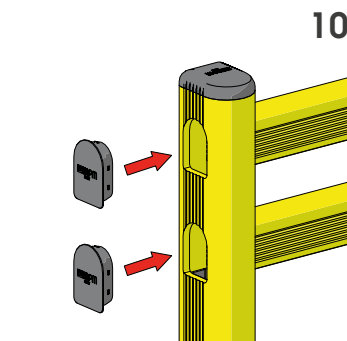
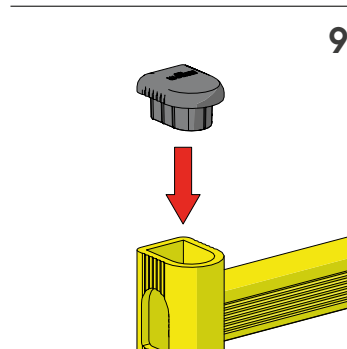
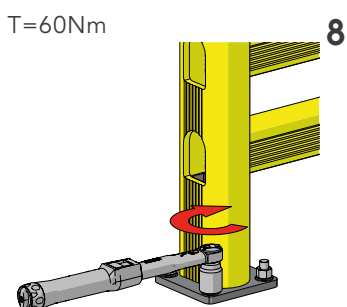
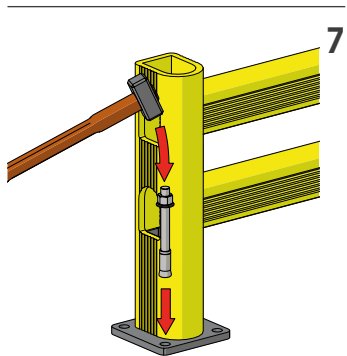
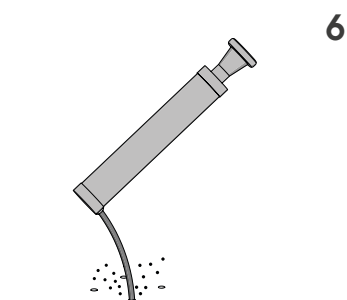
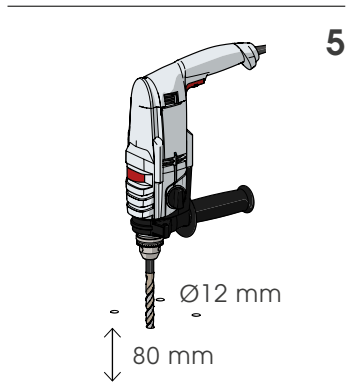
SM

ISTRUZIONI DI INSTALLAZIONE ASSEMBLY INSTRUCTIONS



SM

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



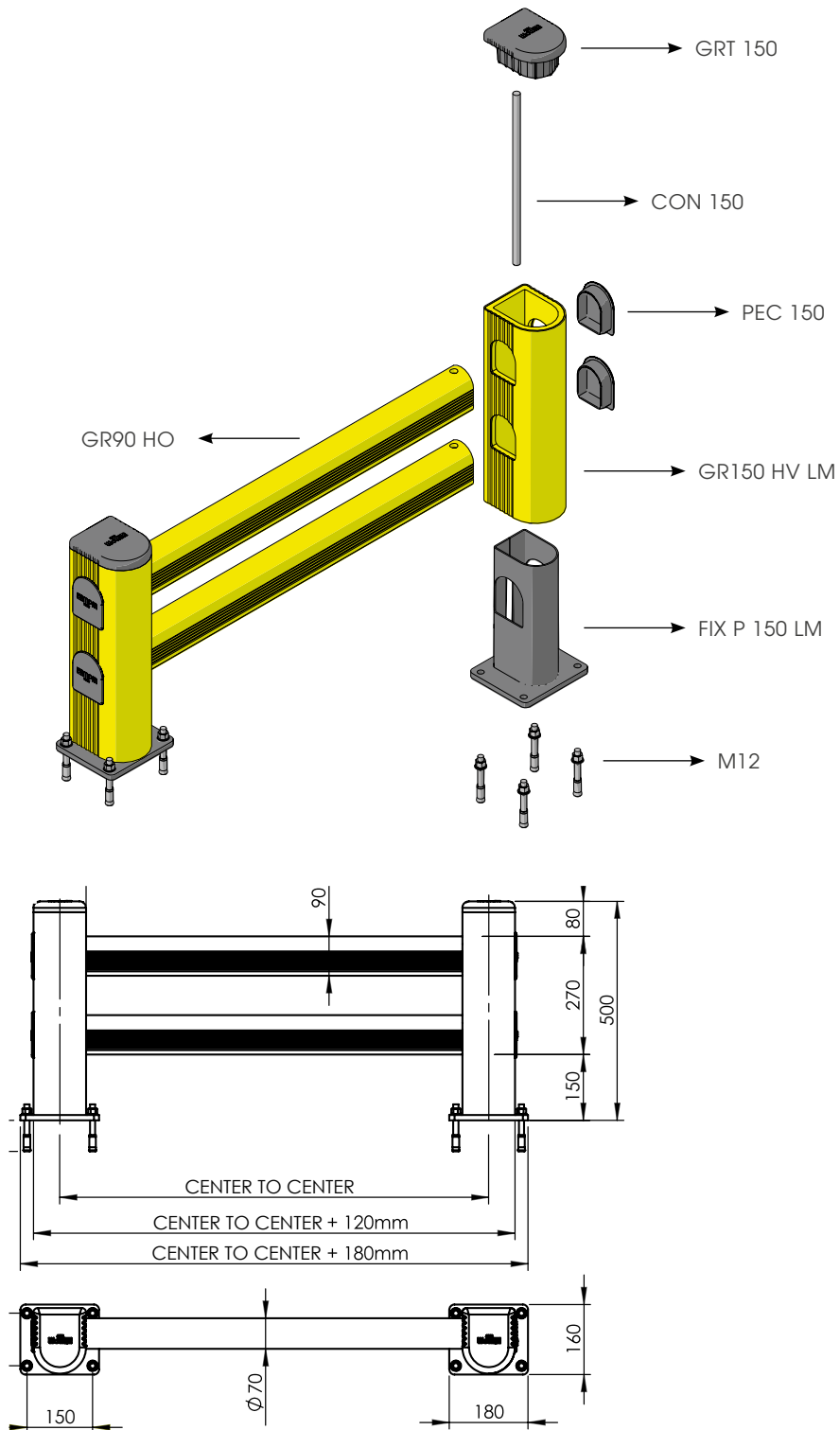
01. RACK PROTECTIONS RACK-END BARRIERS

LM

GUARD RAIL A DOPPIA BARRIERA
DOUBLE RAIL BARRIER

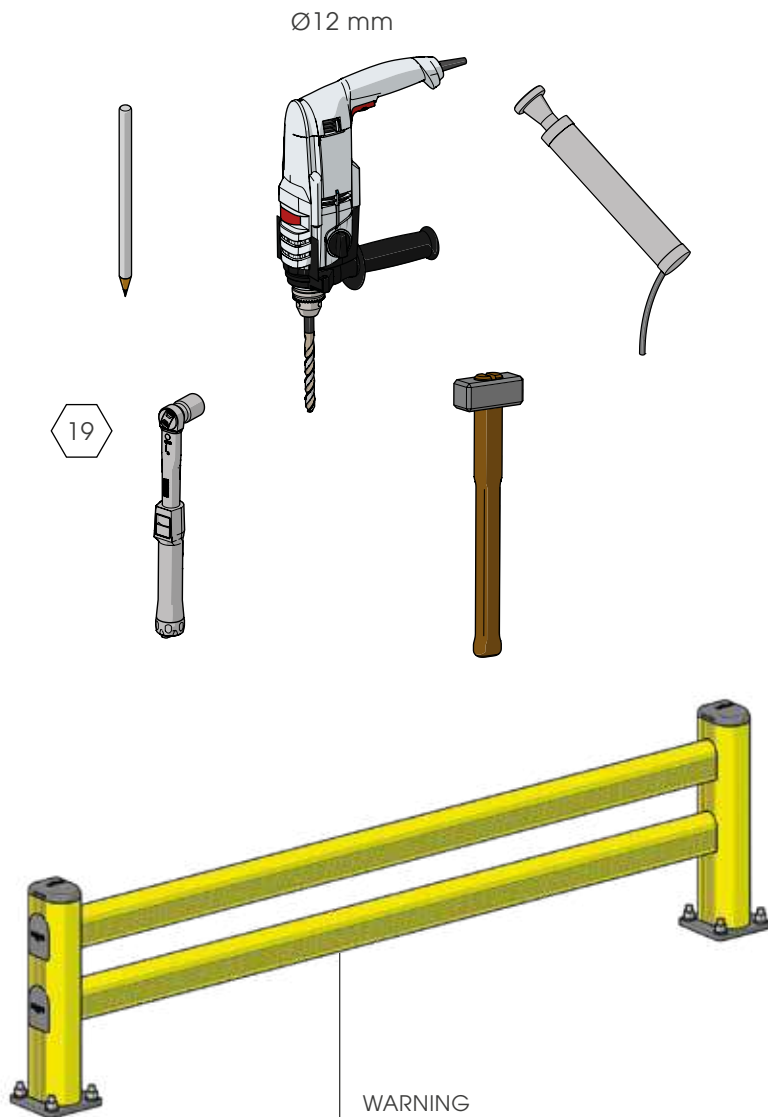


IMPACT TEST PASSED
according to
EN 15512:2009



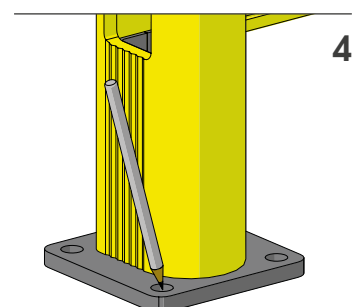
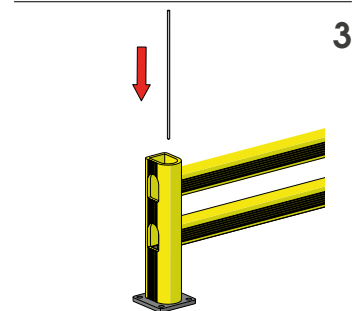
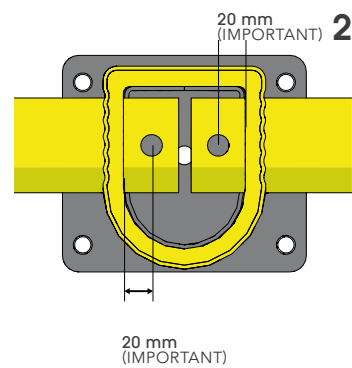
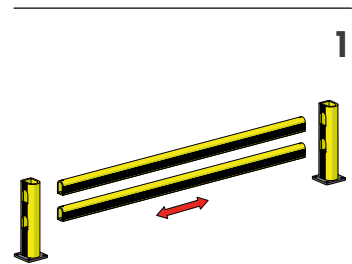
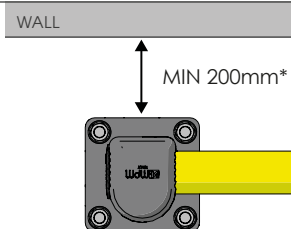
LM

ISTRUZIONI DI INSTALLAZIONE ASSEMBLY INSTRUCTIONS



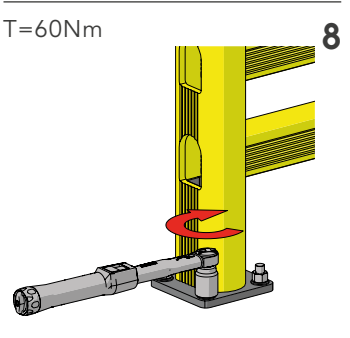
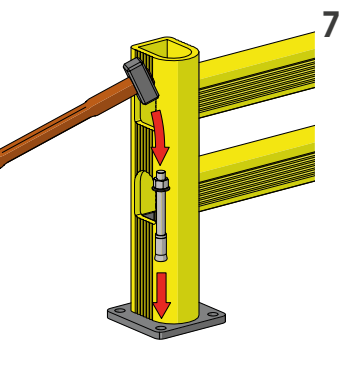
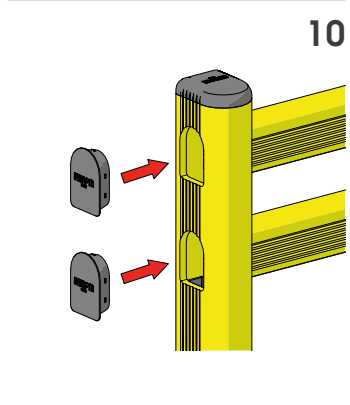
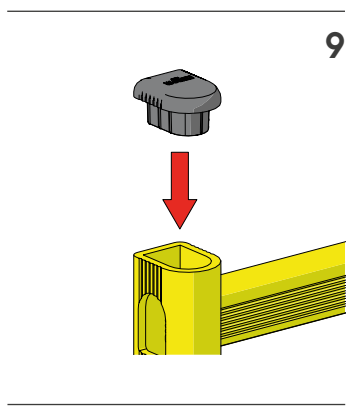
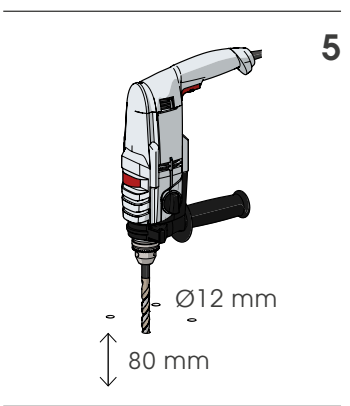
WARNING

The distance of installation depends on speed and weight of vehicle



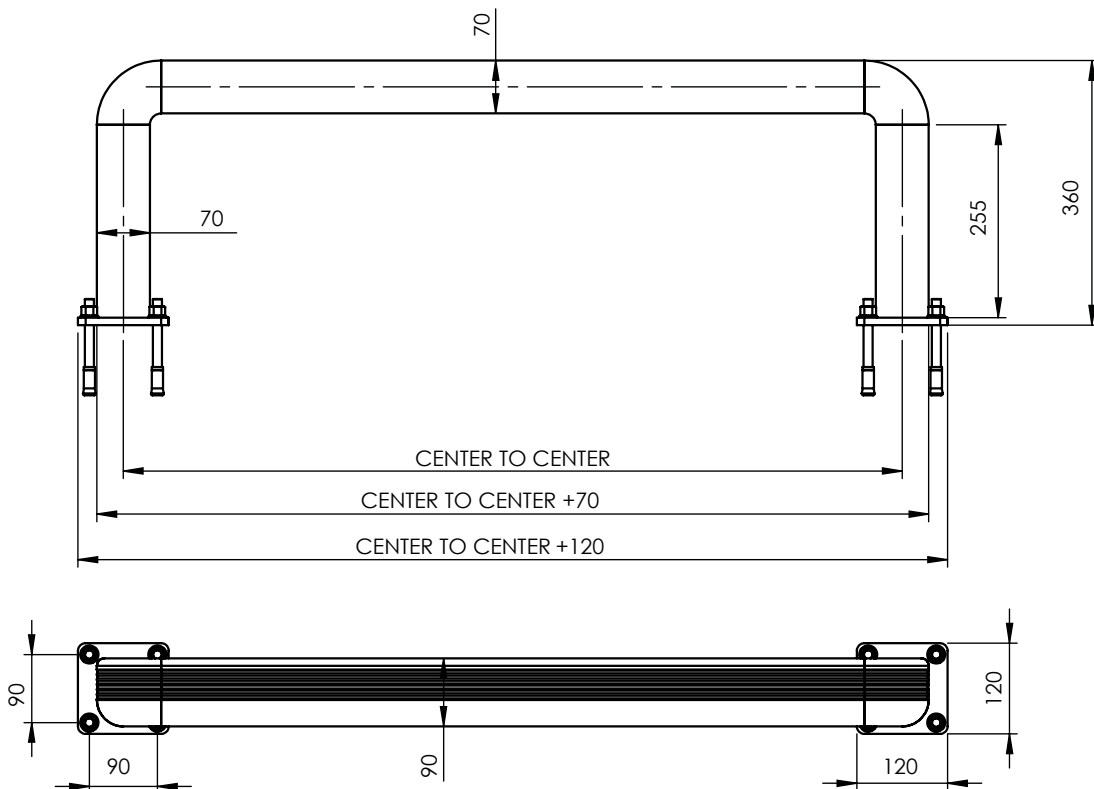
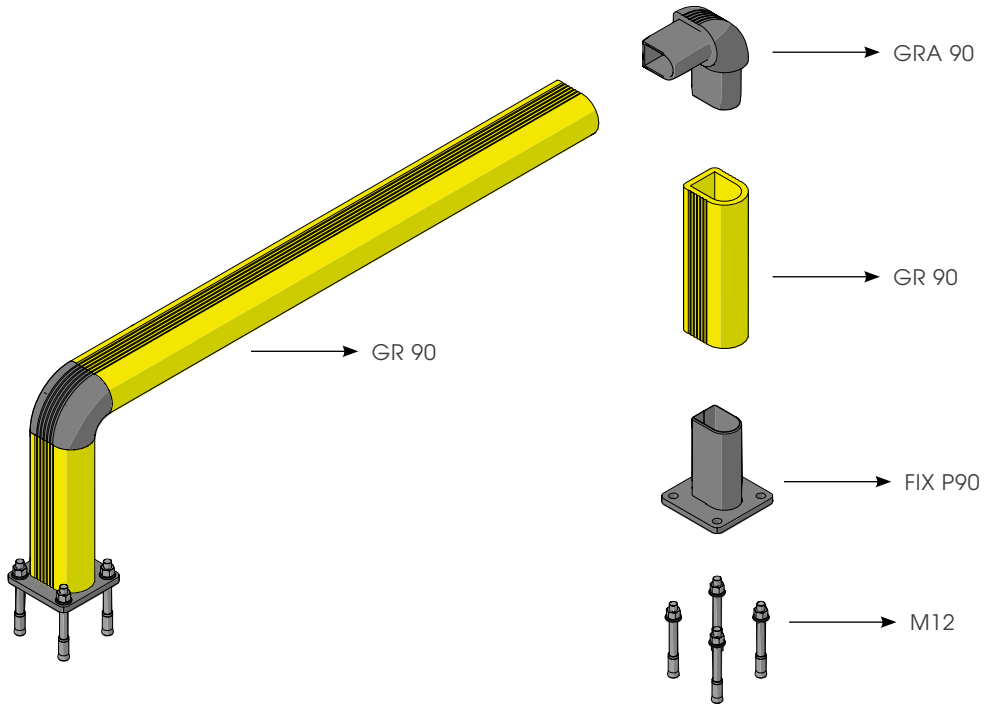
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ISTRUZIONI DI INSTALLAZIONE ASSEMBLY INSTRUCTIONS



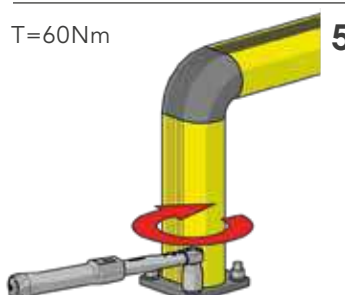
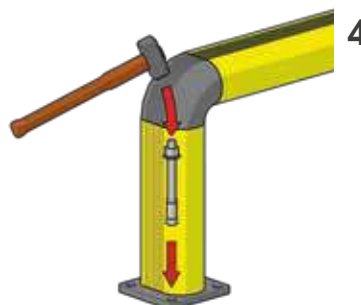
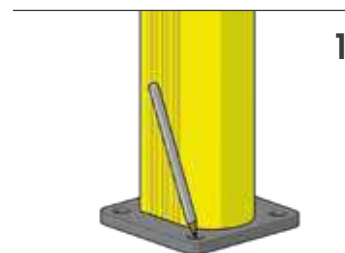
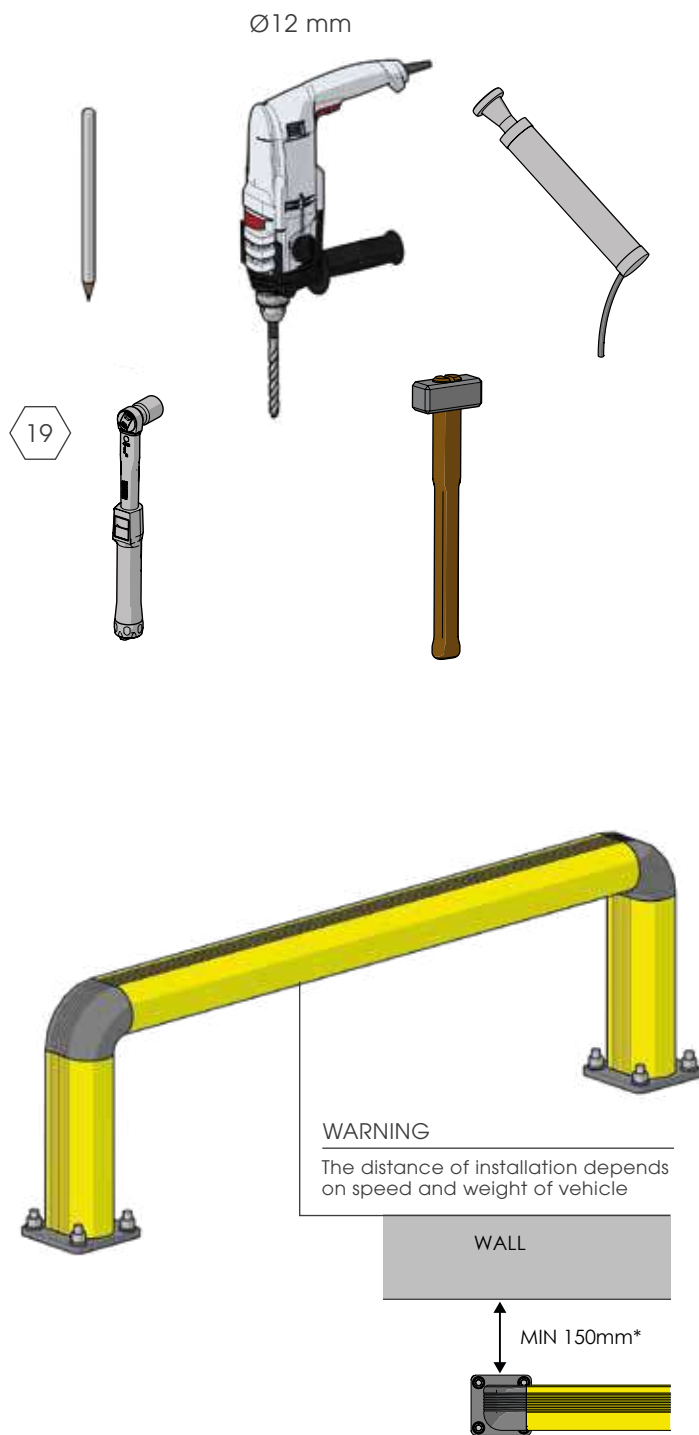
FENCE 90

BARRIERE DI PROTEZIONE PER SCAFFALI
RACK END BARRIER



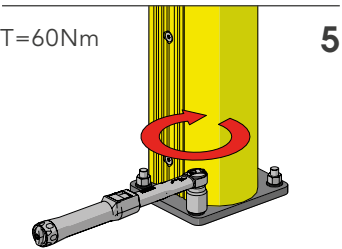
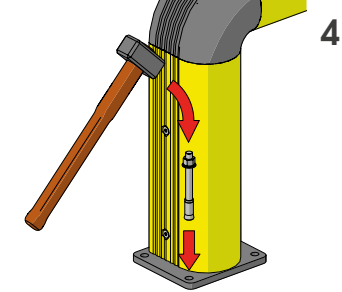
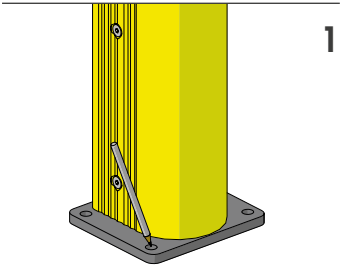
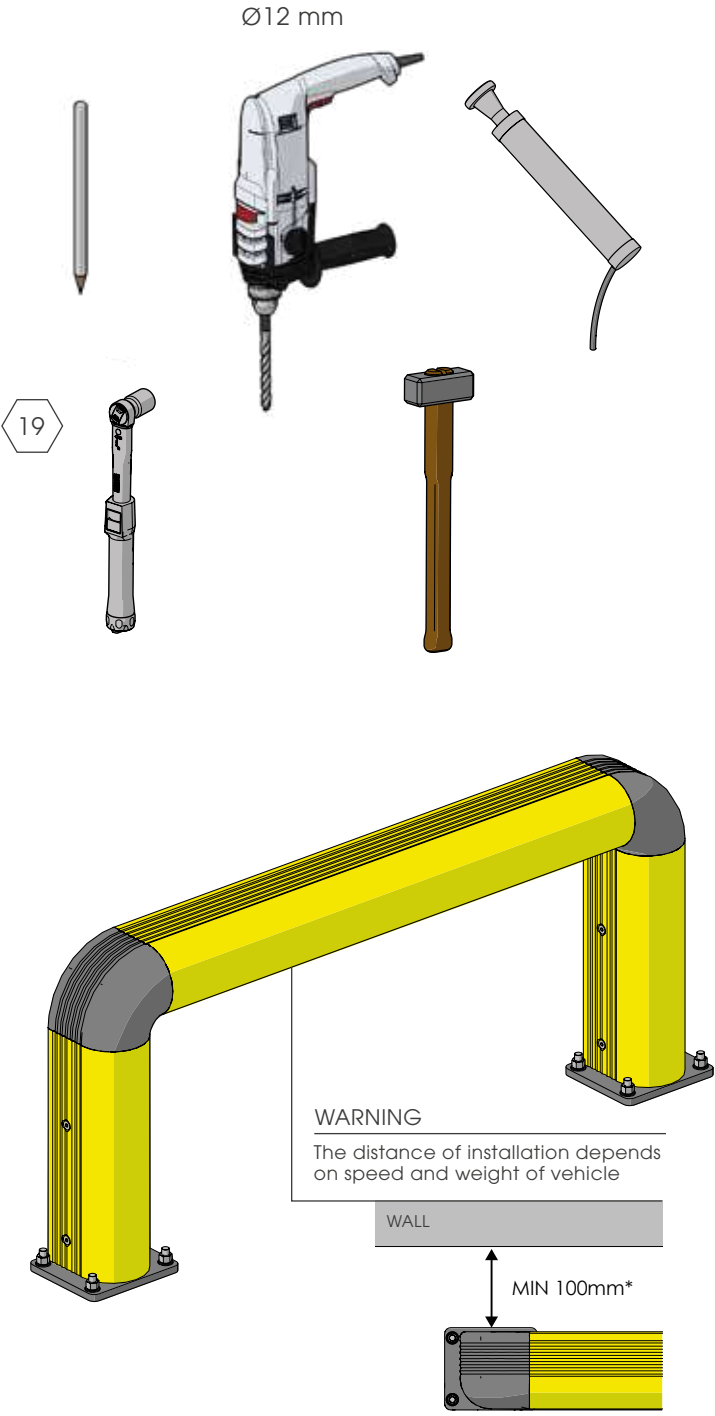
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ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



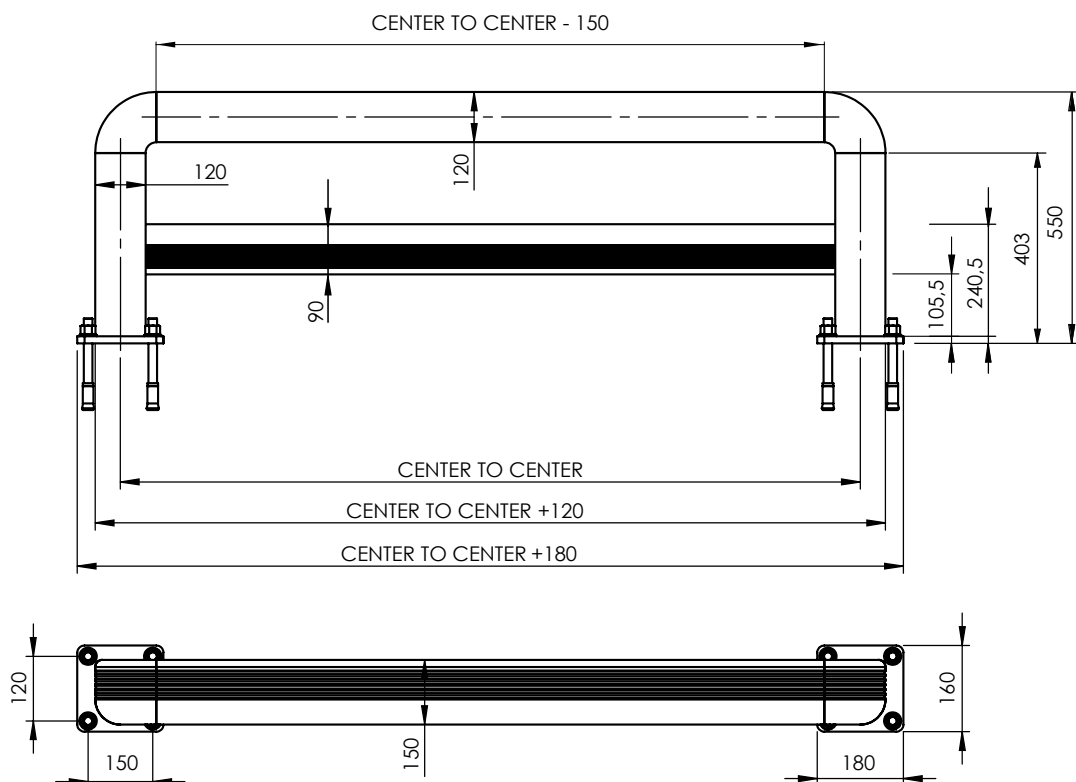
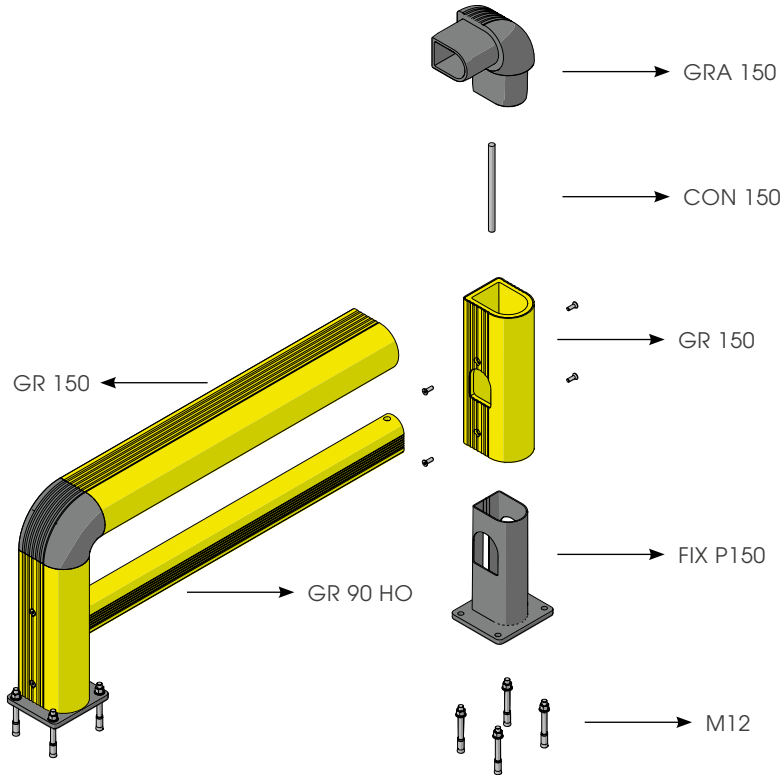
FENCE 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



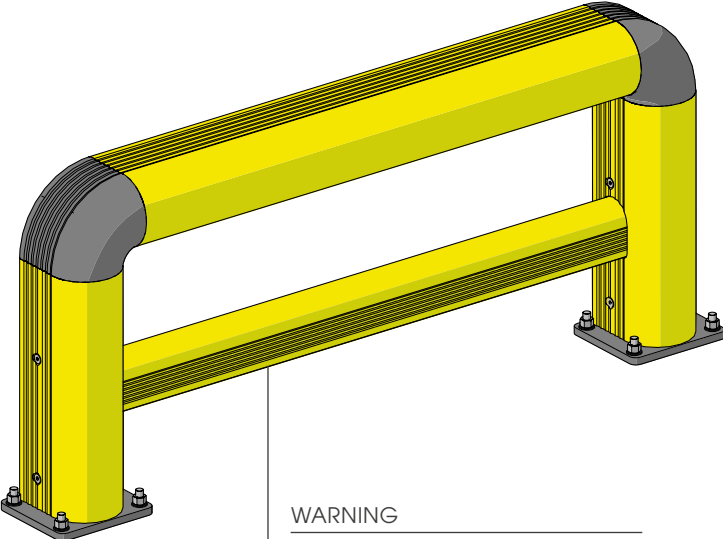
FENCE 150 REINFORCED

BARRIERE DI PROTEZIONE PER SCAFFALI
RACK END BARRIER

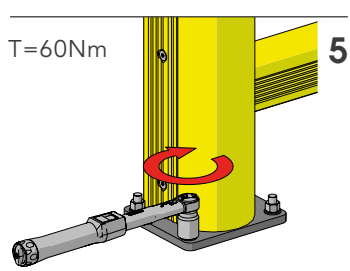
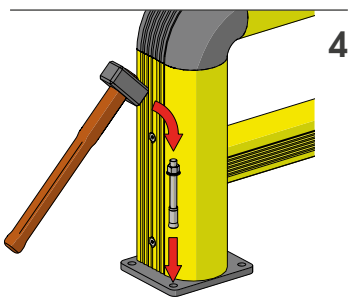
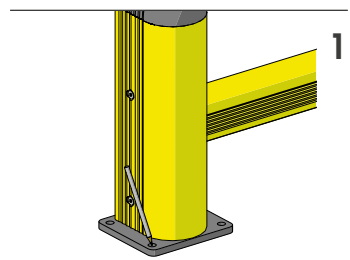
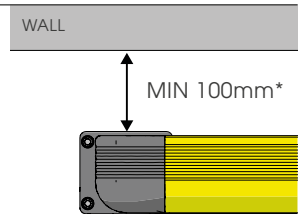


FENCE 150 REINFORCED

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

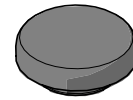
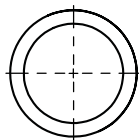
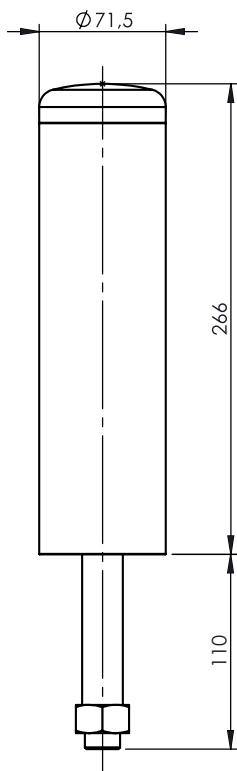


WARNING
The distance of installation depends on speed and weight of vehicle



ROD PE 70

PALO PROTEZIONE
BOLLARD



→ PCC 70



→ NUT M20



→ SPRING WASHER M 20



→ WASHER M20



→ PC 70 266



→ THREADED ROD M20



→ PVC TUBE



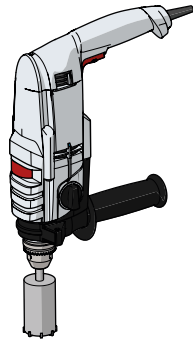
→ NUT M20

ROD PE 70

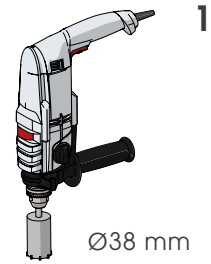
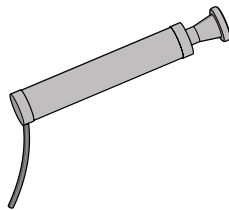
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

CHEMICAL
ANCHOR

Ø38 mm



46

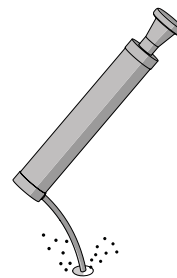


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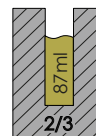
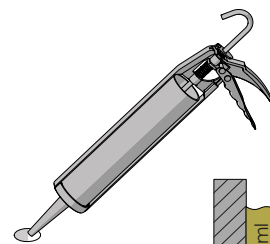
Ø38 mm

115 mm

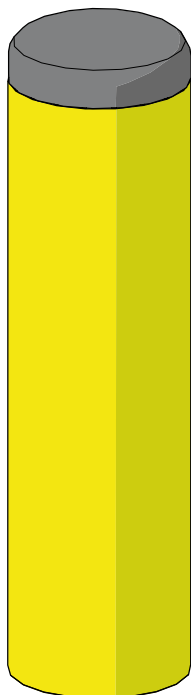
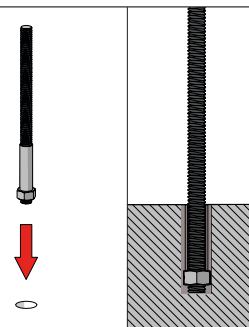
2



3



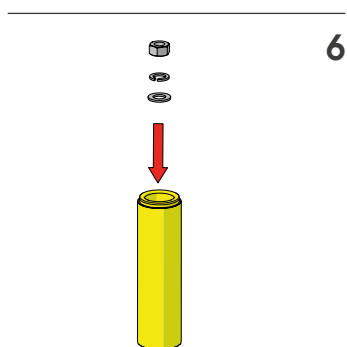
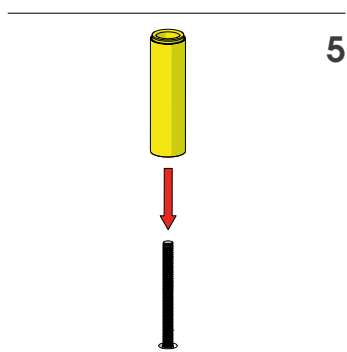
4



ROD PE 70

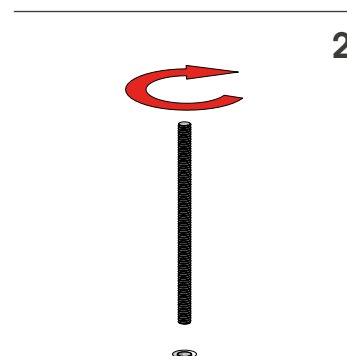
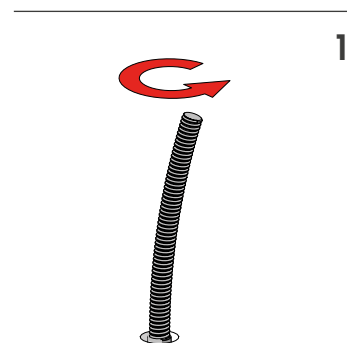
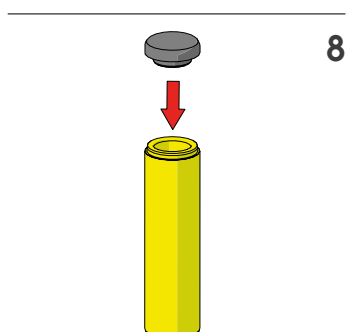
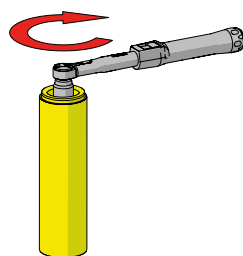
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

ROD REPLACEMENT



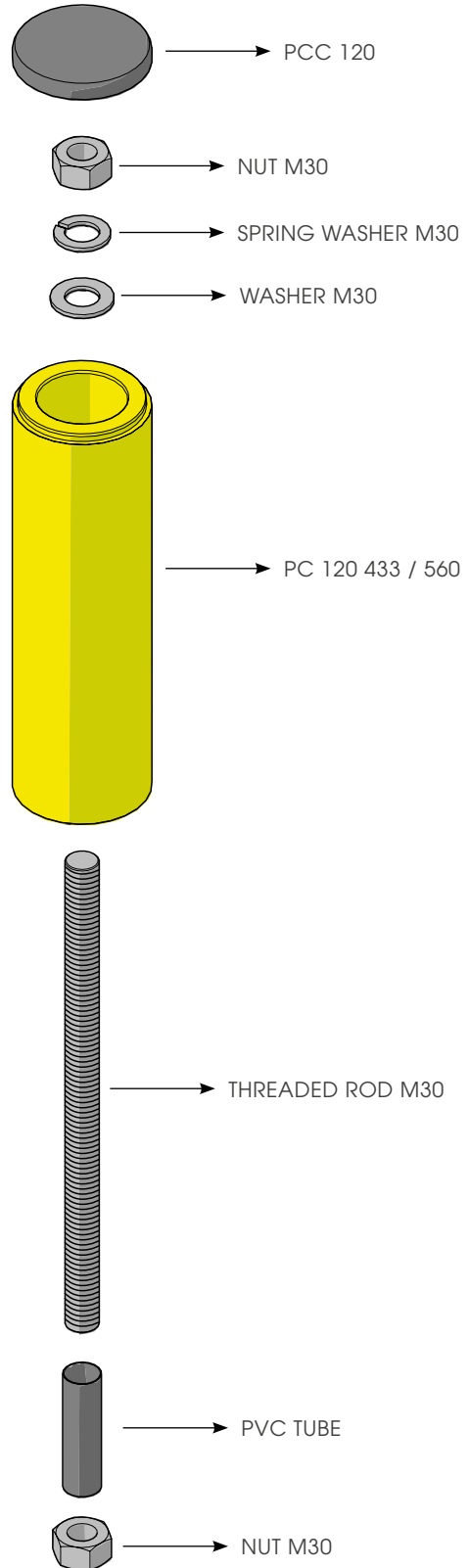
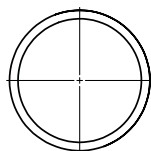
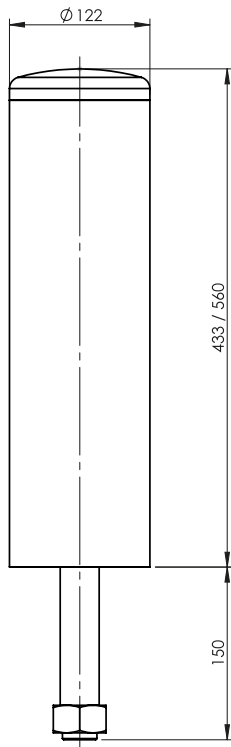
T=120Nm

7



ROD PE 120

PALO PROTEZIONE
BOLLARD

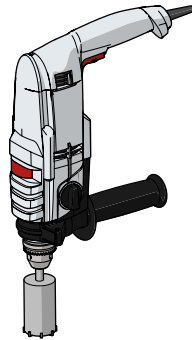


ROD PE 120

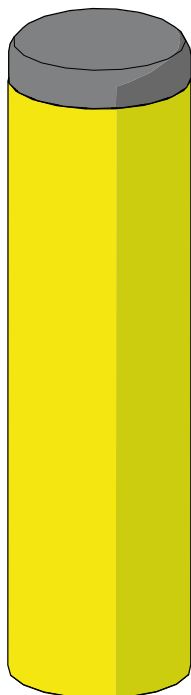
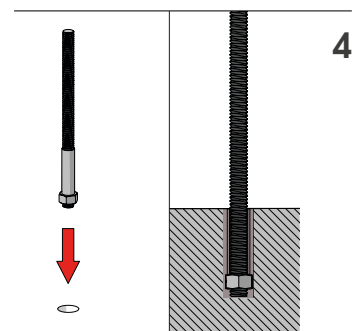
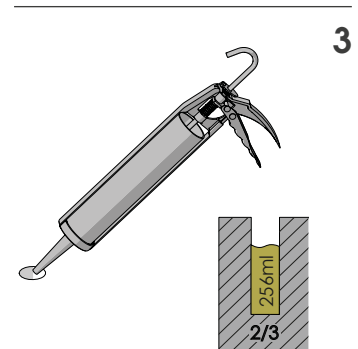
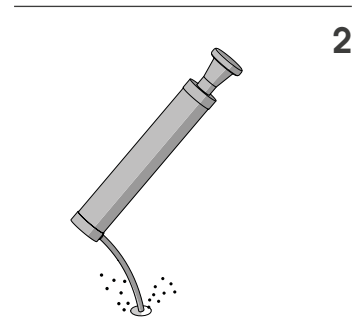
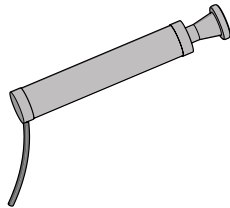
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

CHEMICAL
ANCHOR

Ø56 mm



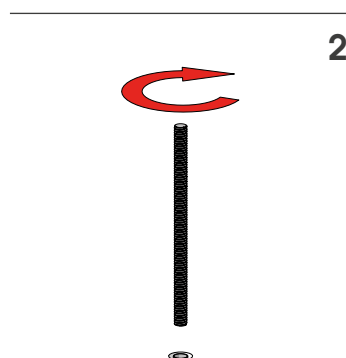
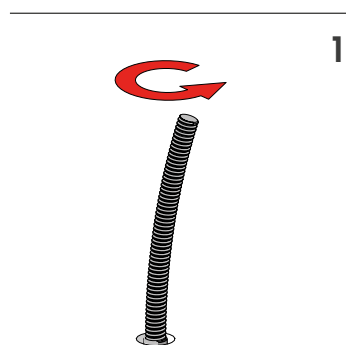
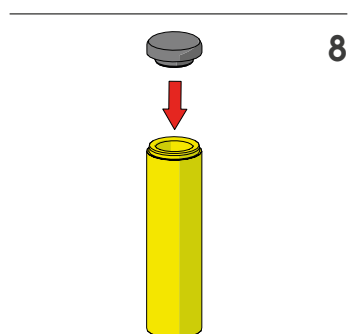
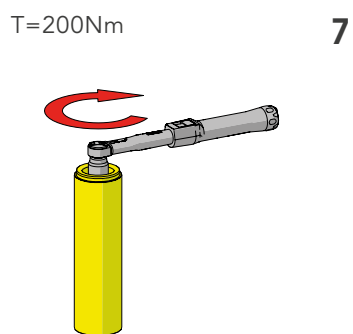
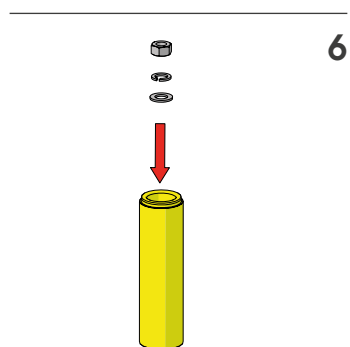
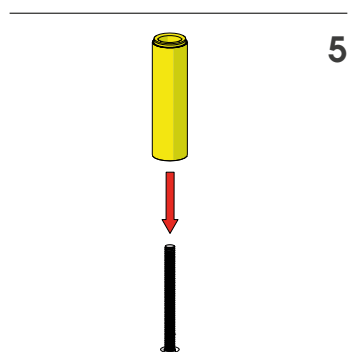
46



ROD PE 120

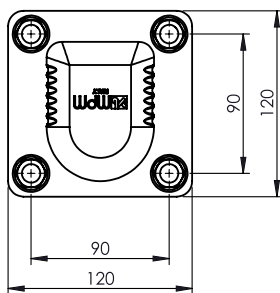
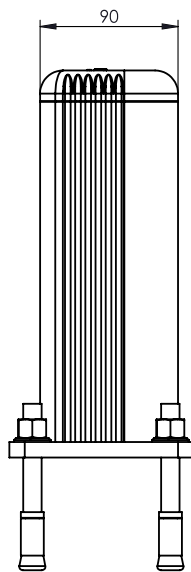
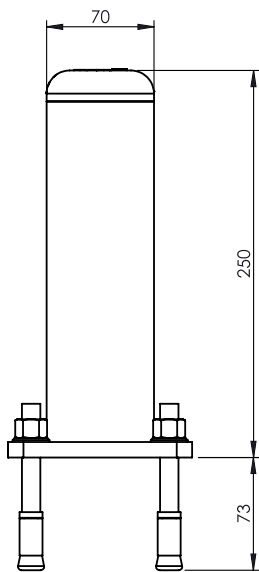
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

ROD REPLACEMENT

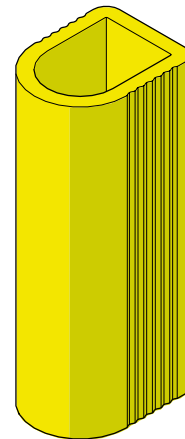


GRD 90

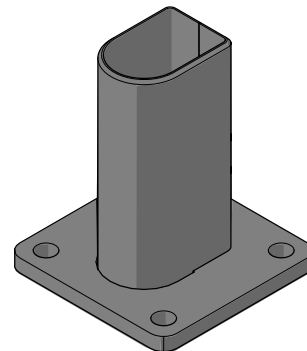
PALO PROTEZIONE
BOLLARD



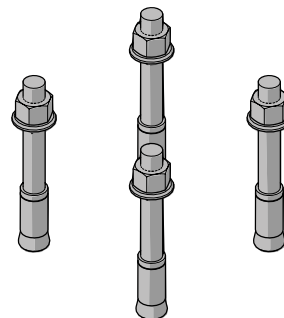
GRT 90



GR 90



FIX P 90



M12

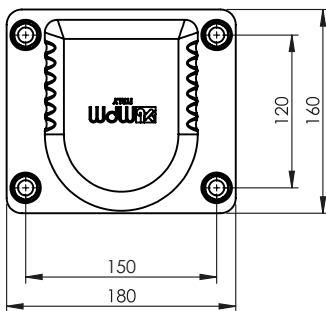
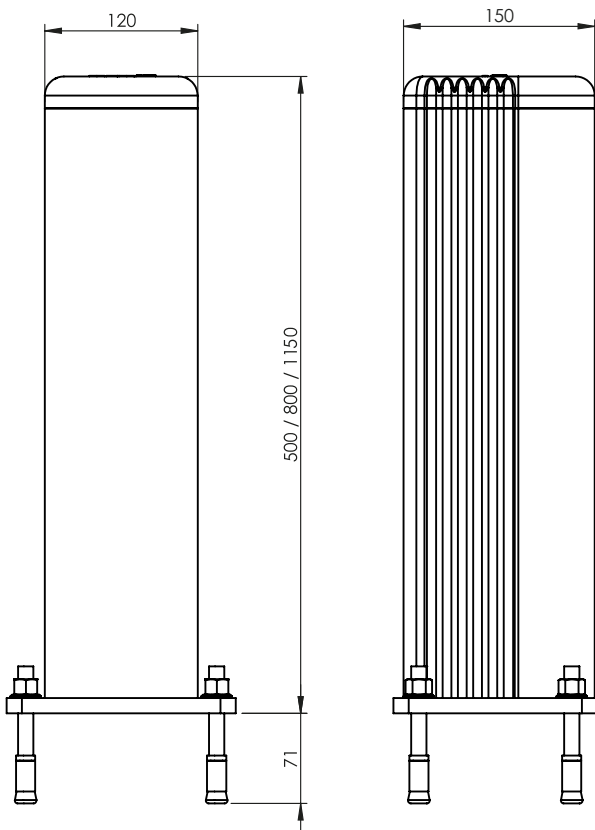
02. BOLLARD

GRD 150

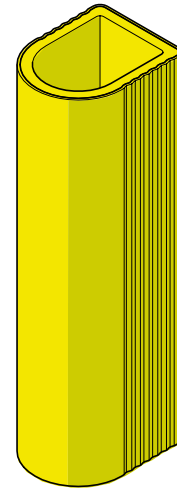
PALO PROTEZIONE
BOLLARD



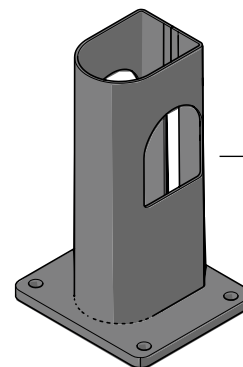
IMPACT TEST PASSED
according to
EN 15112:2009



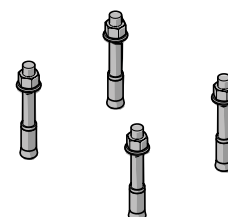
→ GRT 150



→ GR 150



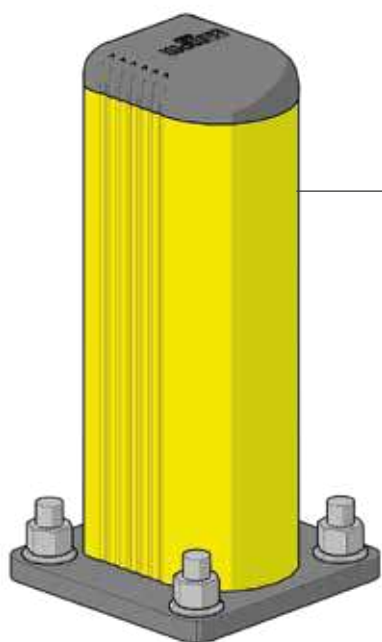
→ FIX P 150



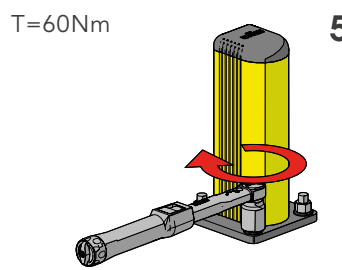
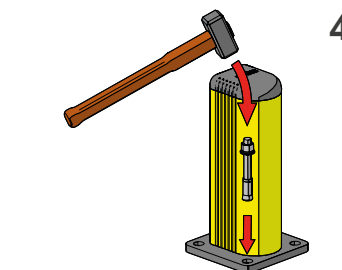
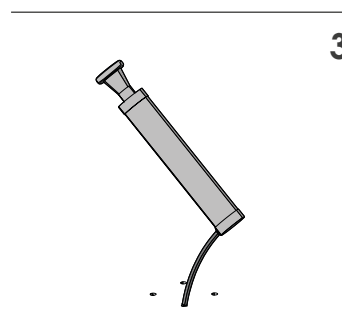
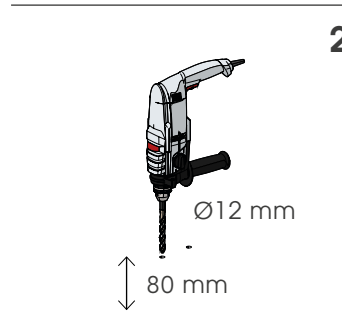
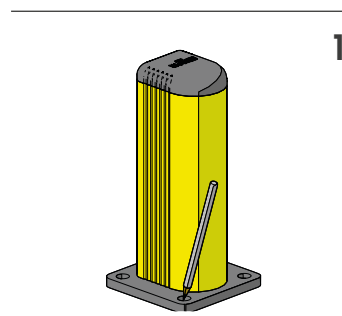
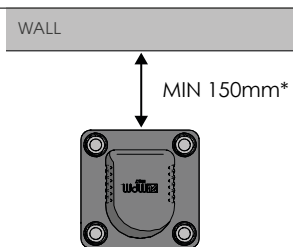
→ M12

GRD 90/150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



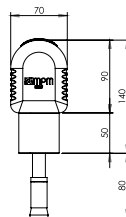
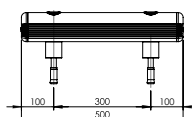
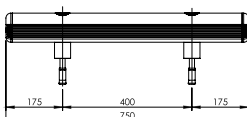
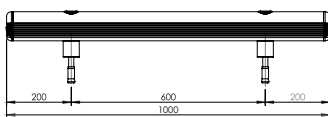
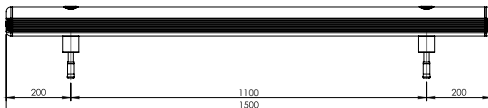
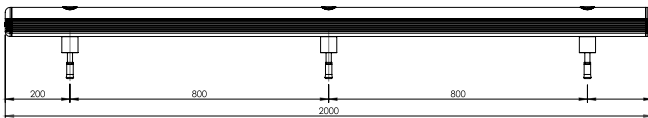
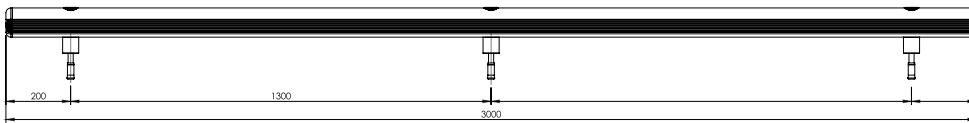
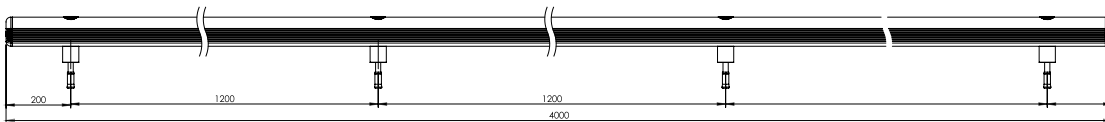
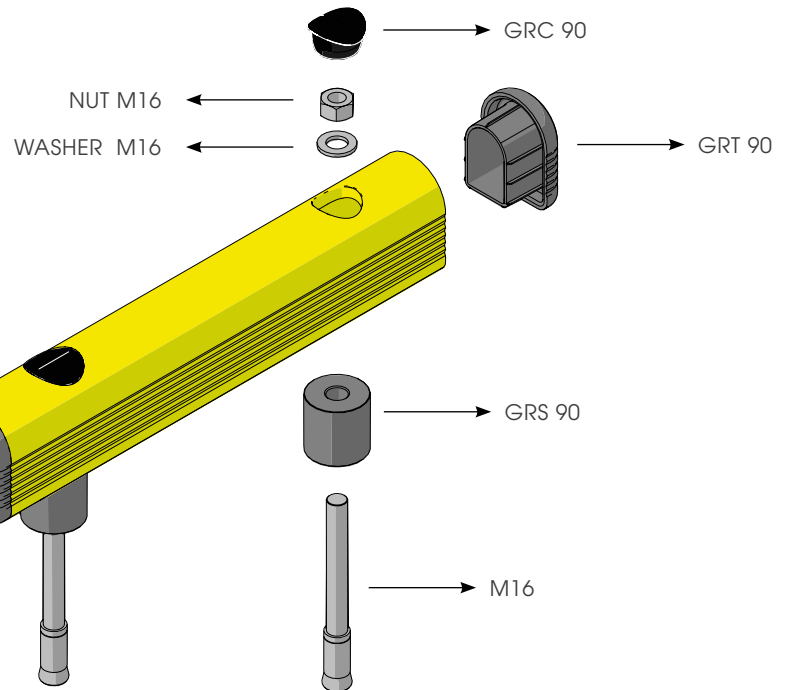
WARNING
The distance of installation depends on speed and weight of vehicle



03. GUARD RAIL

GR 90

BARRIERA SINGOLA
SINGLE-RAIL BARRIER



GR 90

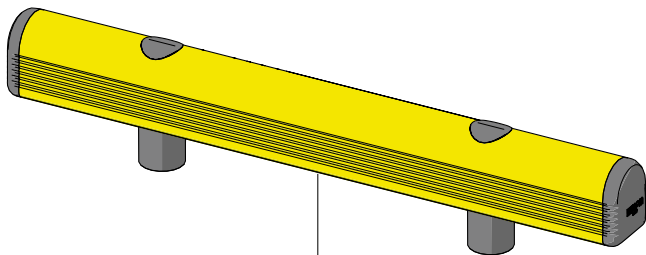
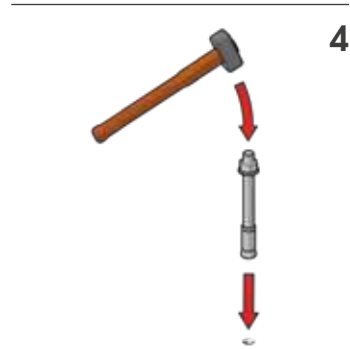
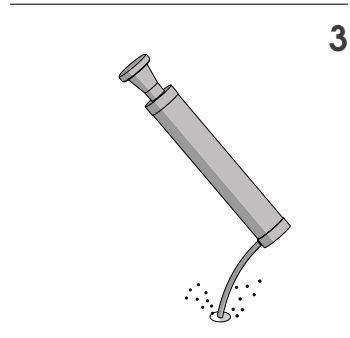
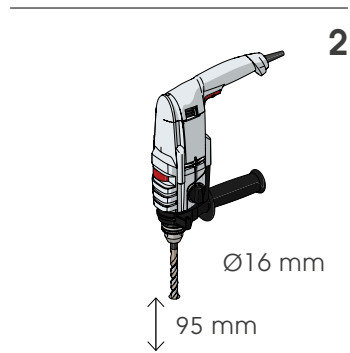
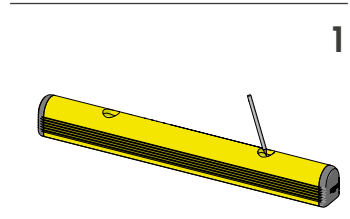
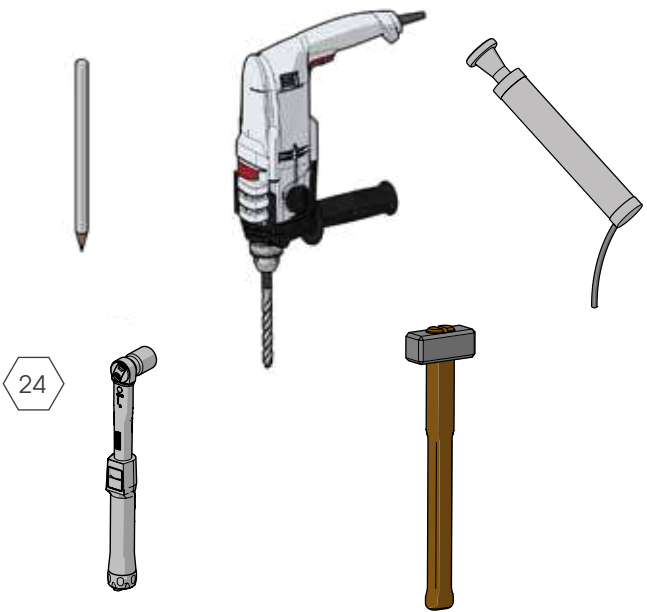
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



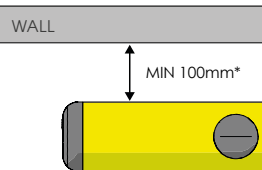
M16 GALVANISED STEEL

WITH EXPANSION SCREW

Ø16 mm



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



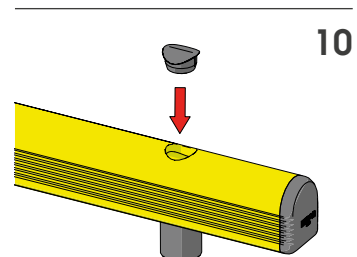
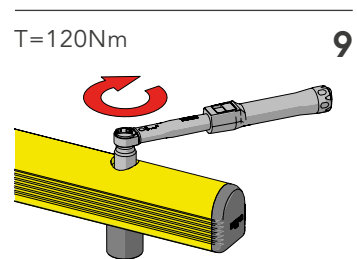
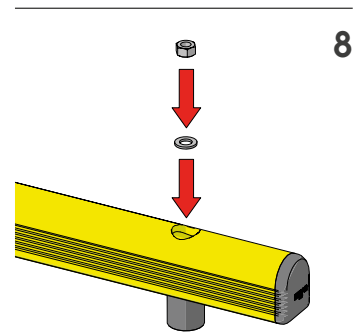
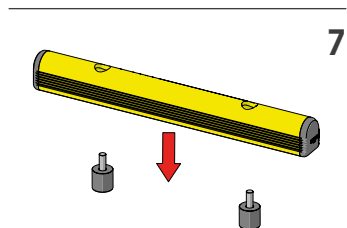
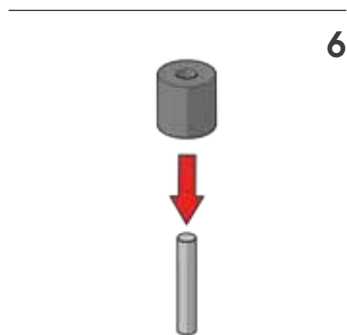
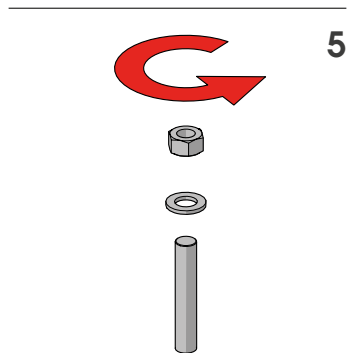
GR 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



M16 GALVANISED STEEL

WITH EXPANSION SCREW



GR 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



M16 STAINLESS STEEL



ANCHOR

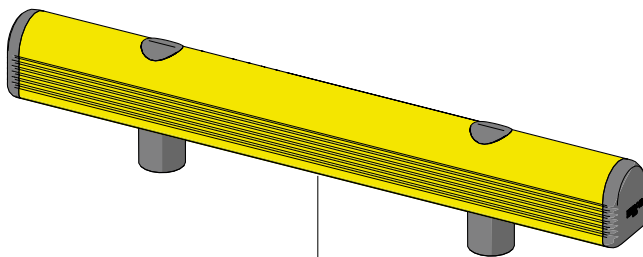
WITH RESIN

CHEMICAL ANCHOR

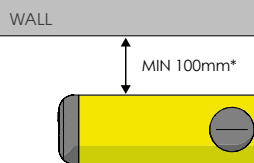
Ø18 mm



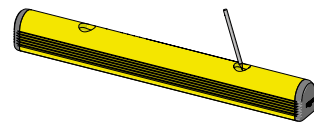
24



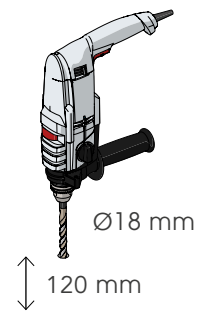
WARNING
The distance of installation depends on speed and weight of vehicle



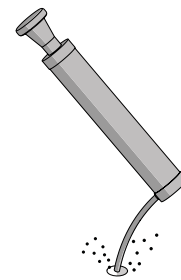
1



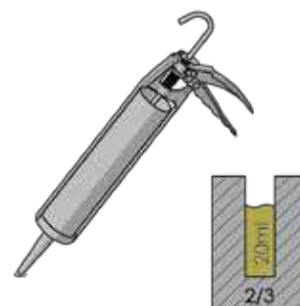
2



3



4



GR 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

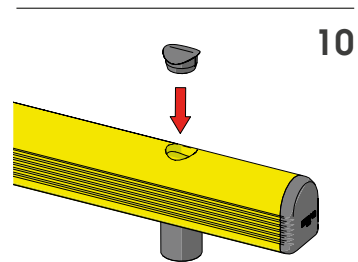
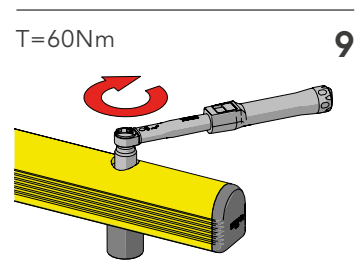
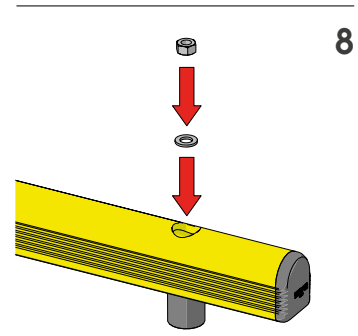
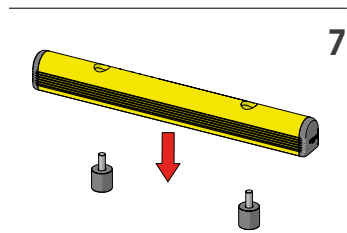
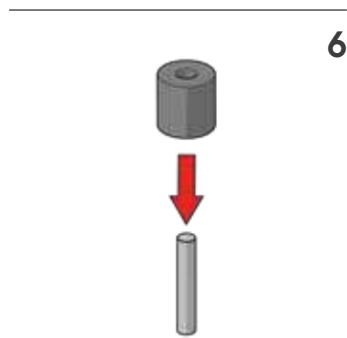
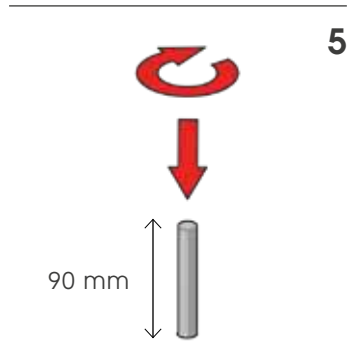


M16 STAINLESS STEEL



ANCHOR

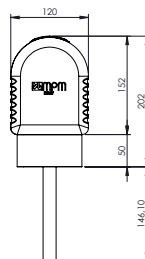
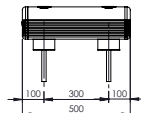
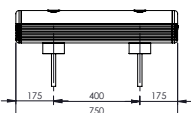
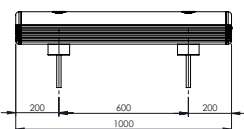
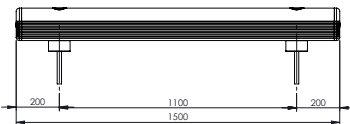
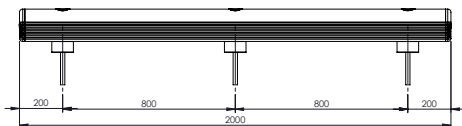
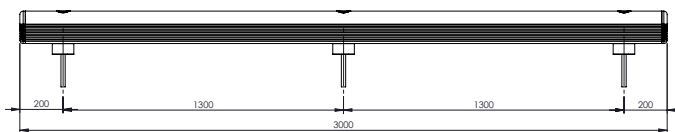
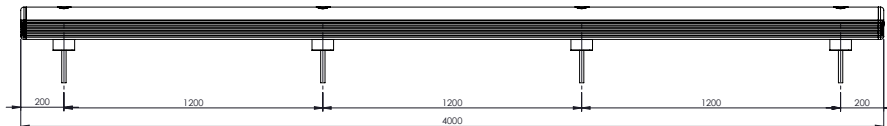
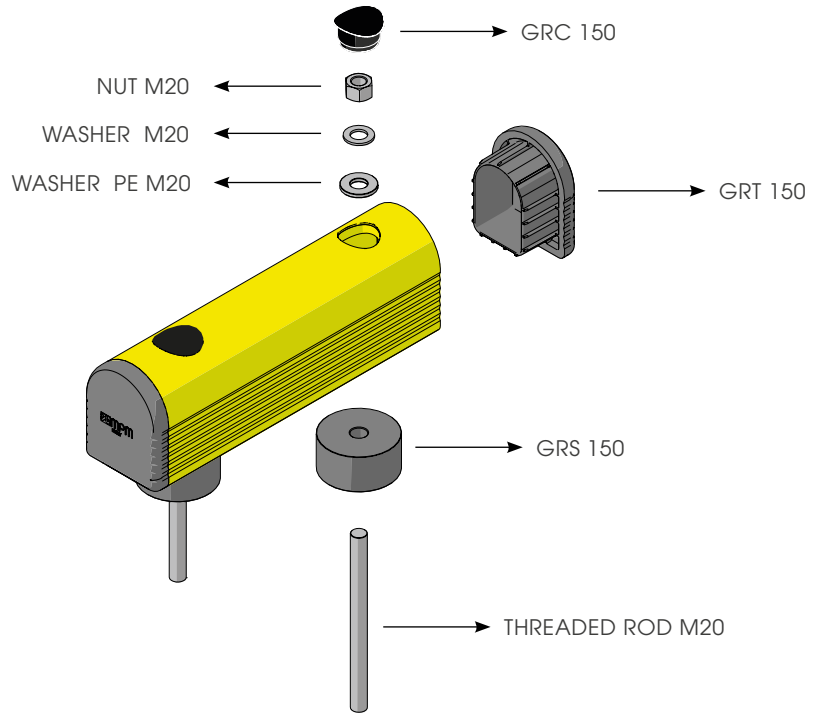
WITH RESIN



03. GUARD RAIL

GR 150

BARRIERA SINGOLA
SINGLE-RAIL BARRIER



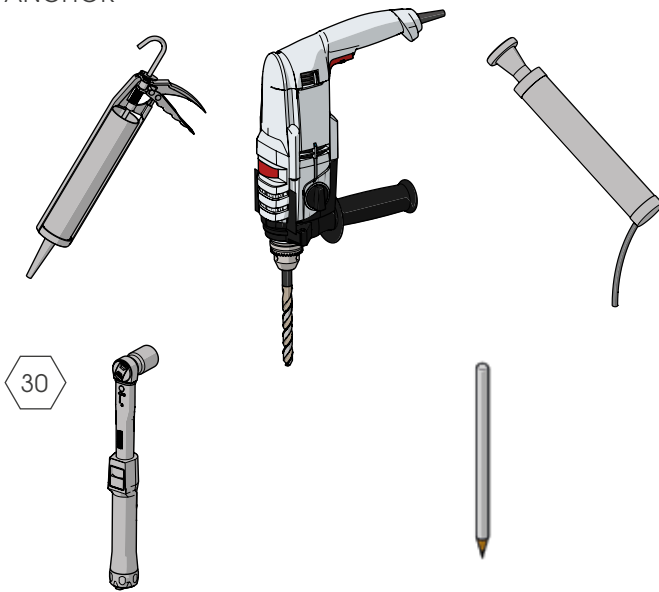
GR 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

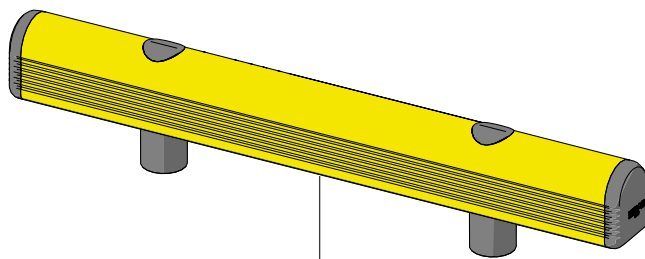
ONLY WITH RESIN

CHEMICAL ANCHOR

Ø24 mm

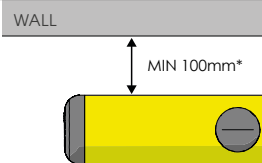


30

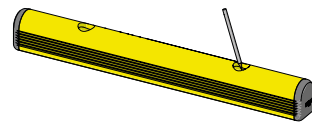


WARNING

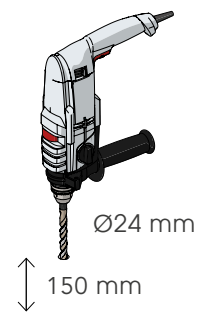
The distance of installation depends on speed and weight of vehicle



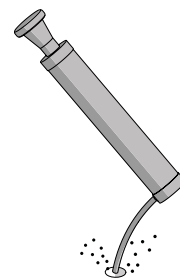
1



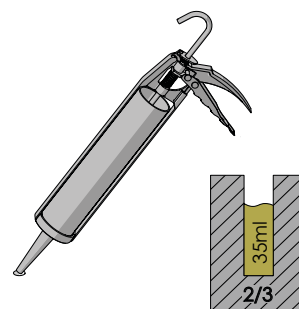
2



3



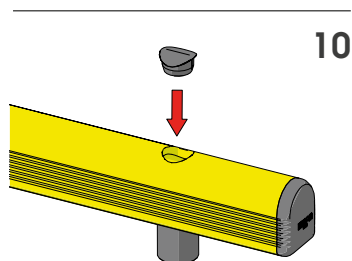
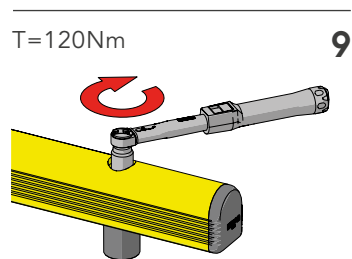
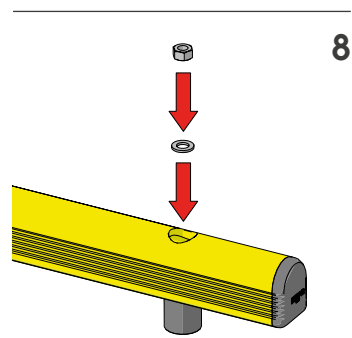
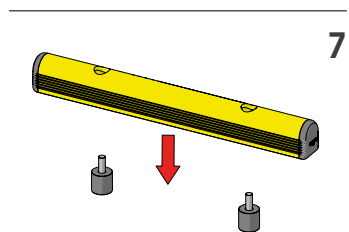
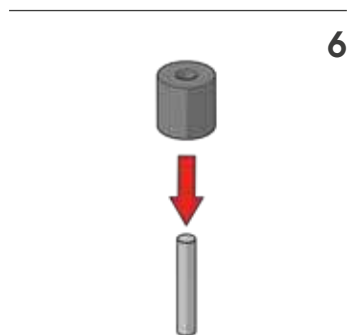
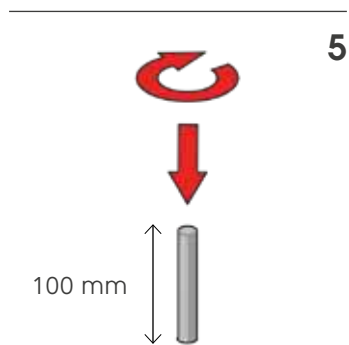
4



GR 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

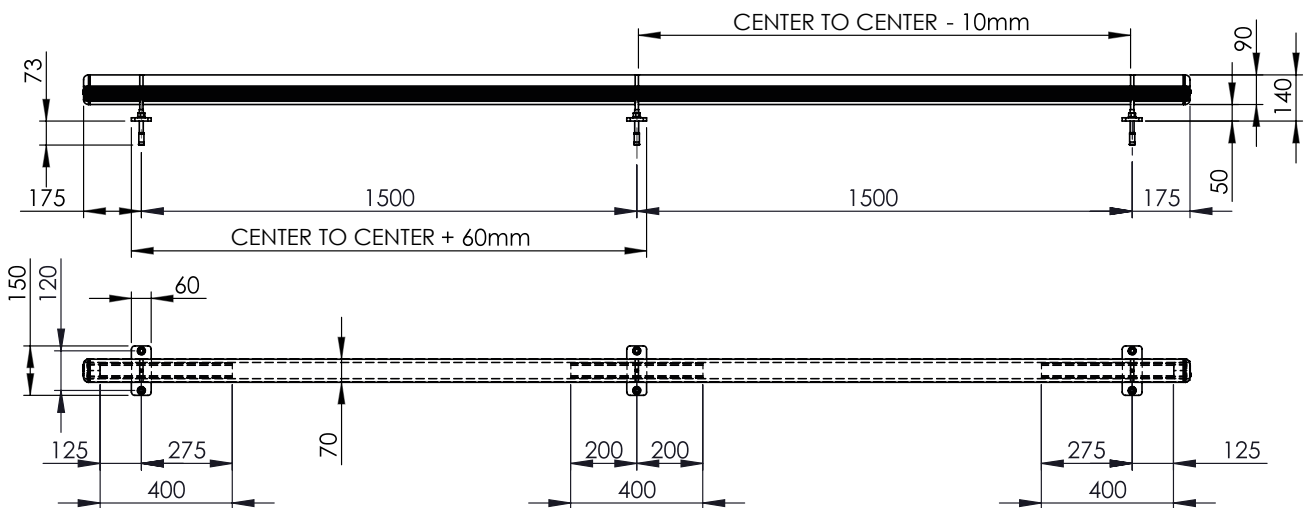
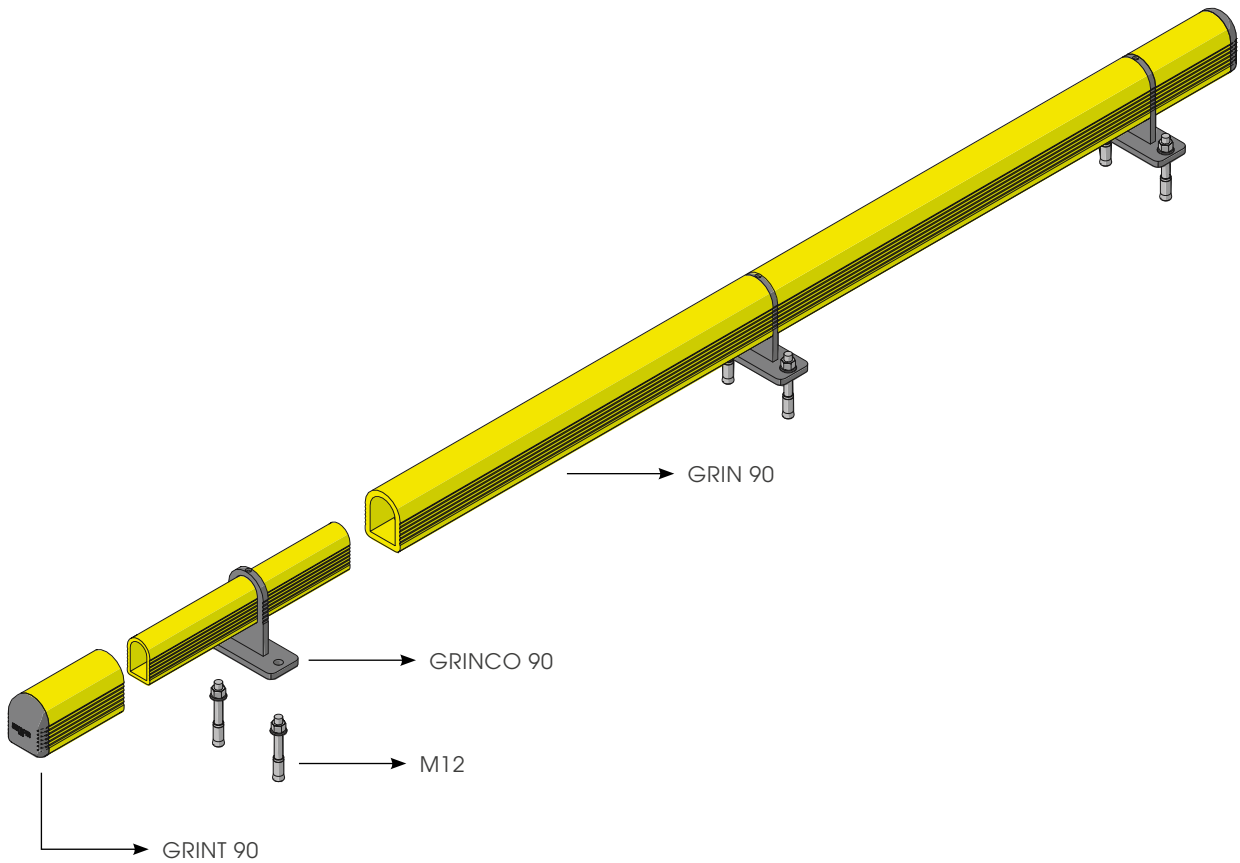
ONLY WITH RESIN



03. GUARD RAIL

GRIN 90

GUARD RAIL CONTINUO
CONTINUOUS GUARD RAIL



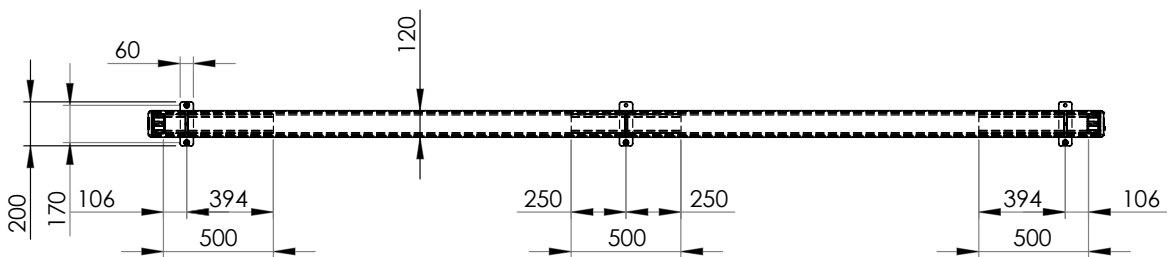
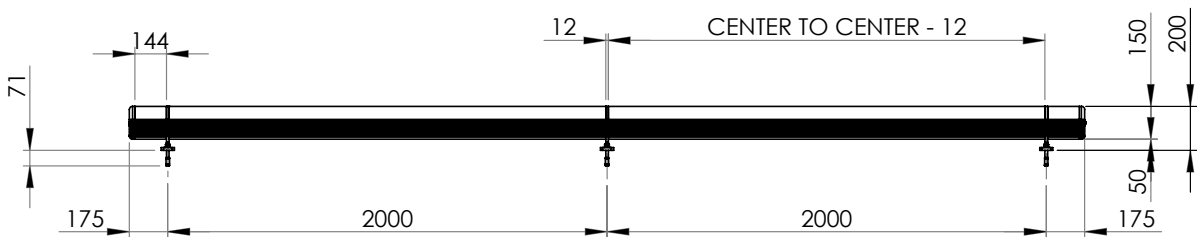
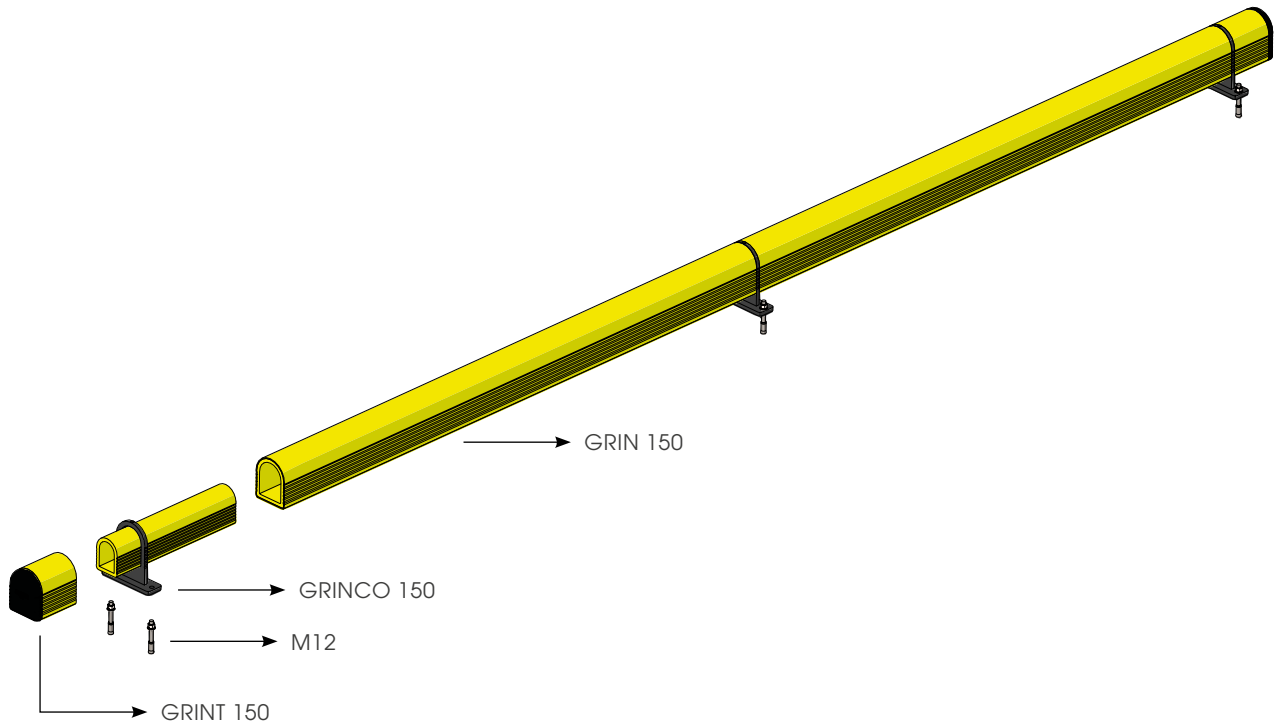
03. GUARD RAIL

GRIN 150

GUARD RAIL CONTINUO
CONTINUOUS GUARD RAIL

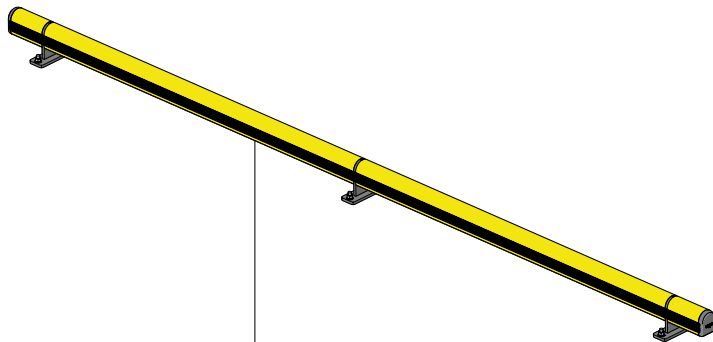
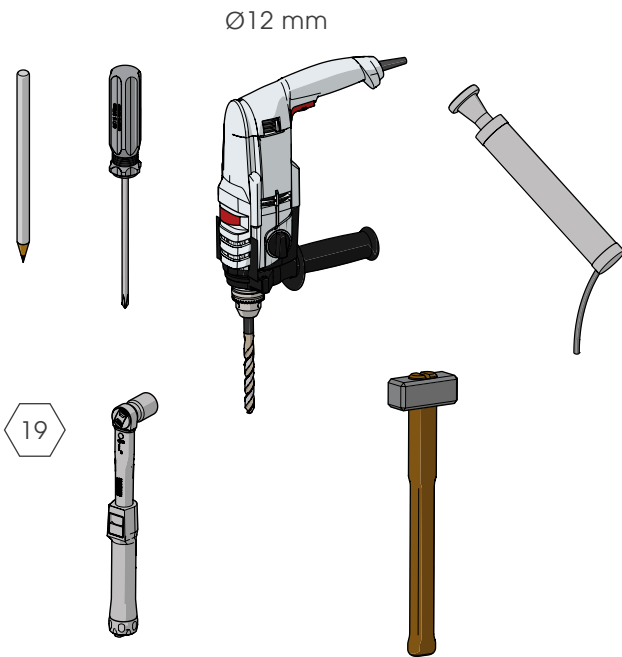


IMPACT TEST PASSED
according to
AFNORNP P98-310

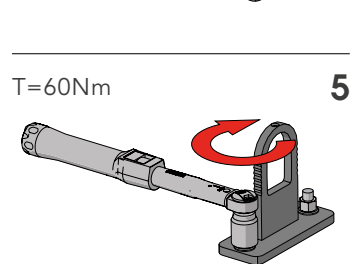
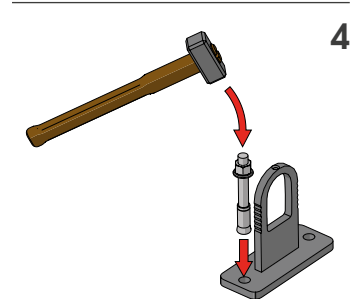
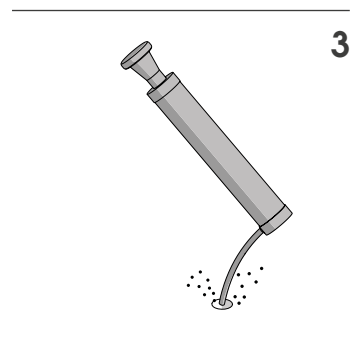
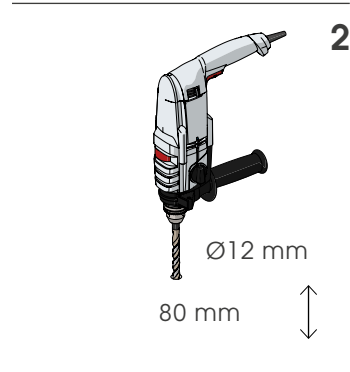
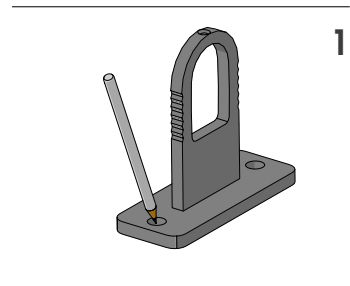
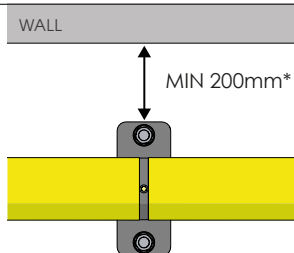


GRIN 90/150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



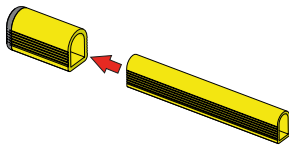
WARNING
The distance of installation depends on speed and weight of vehicle



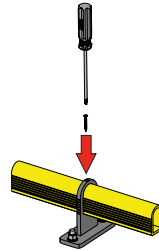
GRIN 90/150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

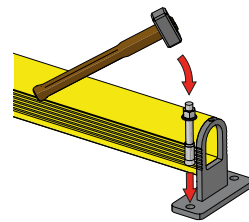
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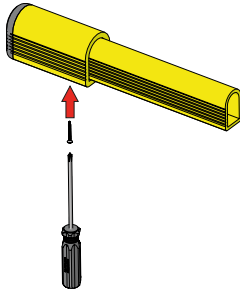
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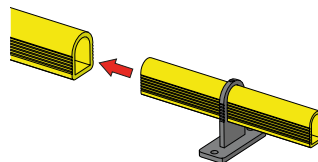
16



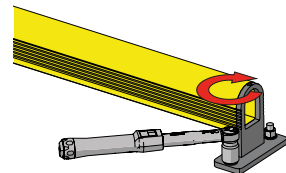
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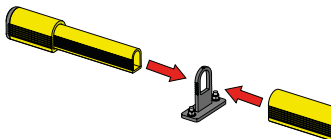
12



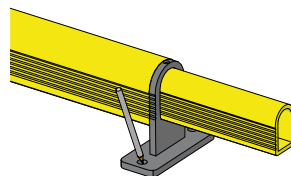
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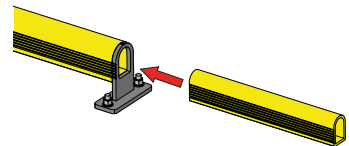
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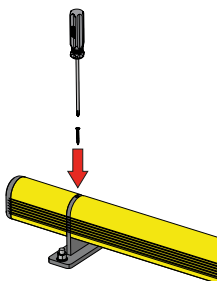
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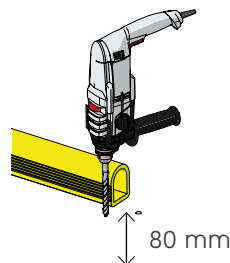
18



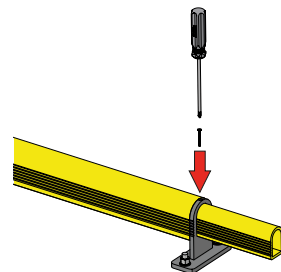
9



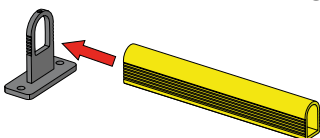
14



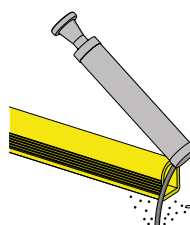
19



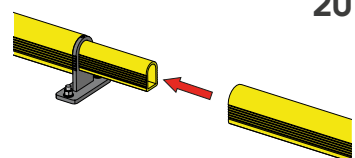
10



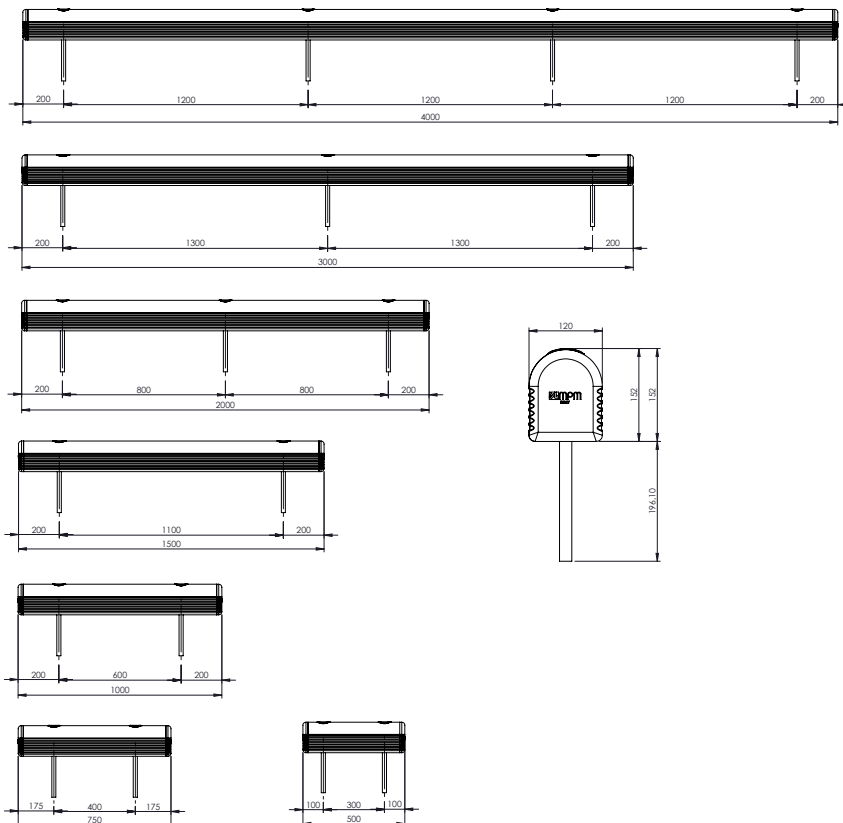
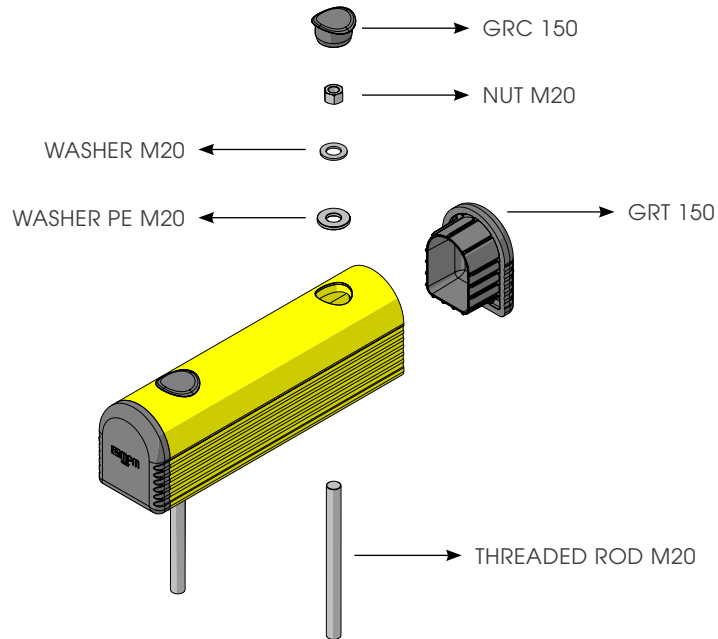
15



20



TRUCK LINE



TRUCK LINE

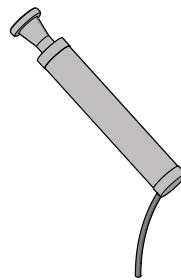
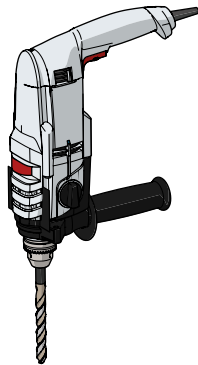
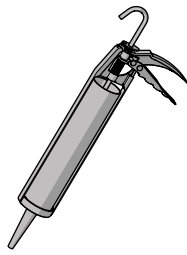
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

WARNING

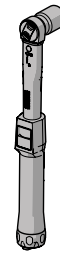
The distance of installation depends on speed and weight of vehicle

CHEMICAL ANCHOR

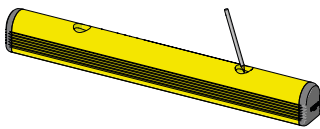
Ø24 mm



30



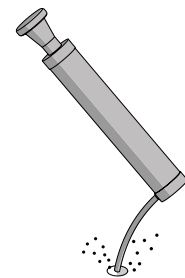
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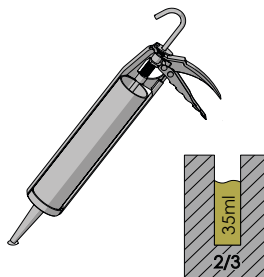
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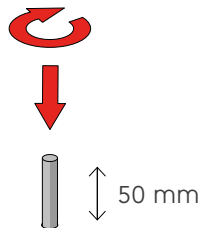
3



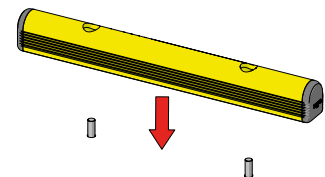
4



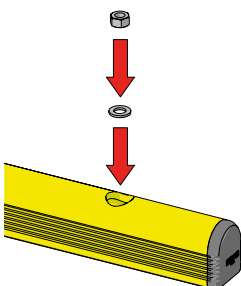
5



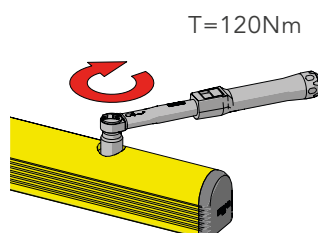
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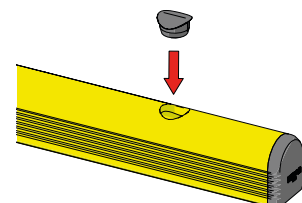
7



8



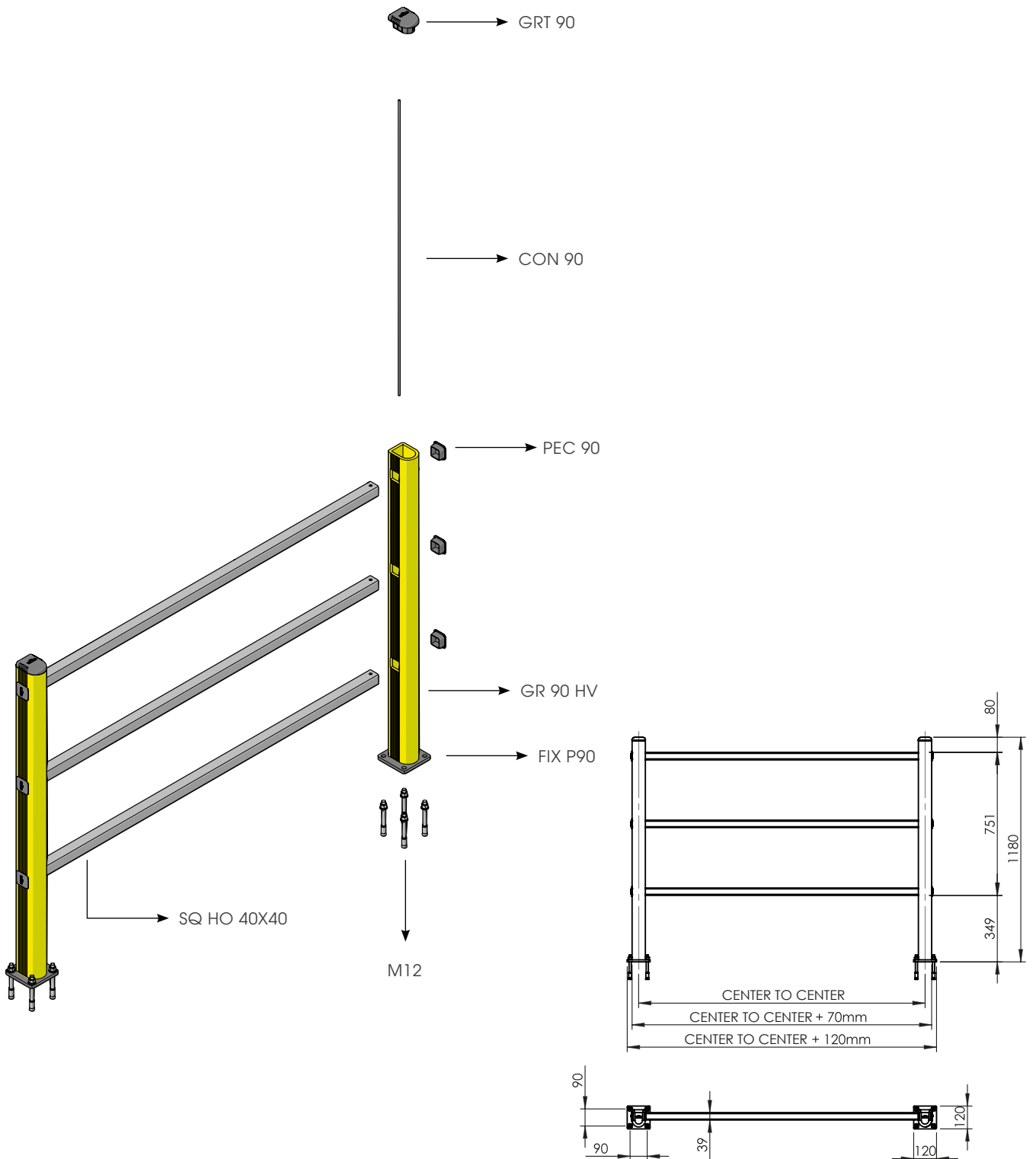
9



04. PEDESTRIAN SAFETY BARRIERS

HR 90

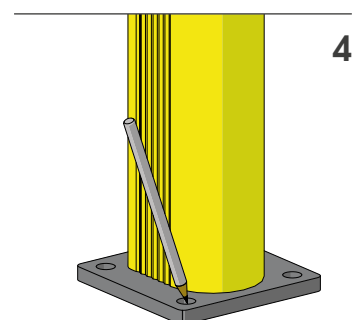
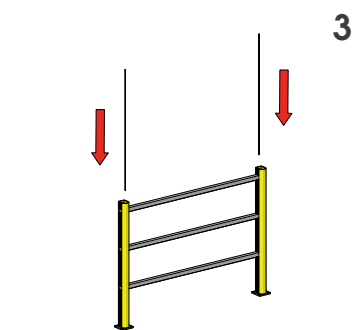
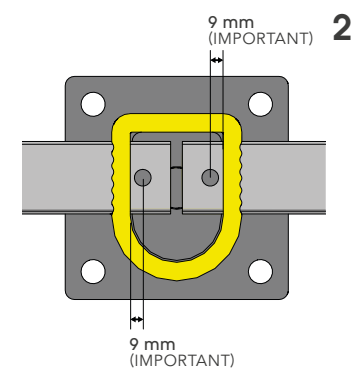
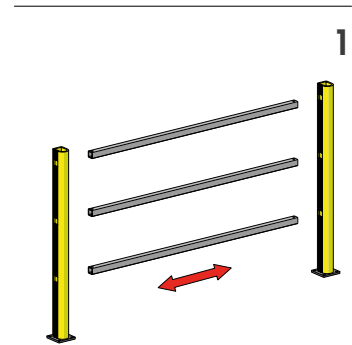
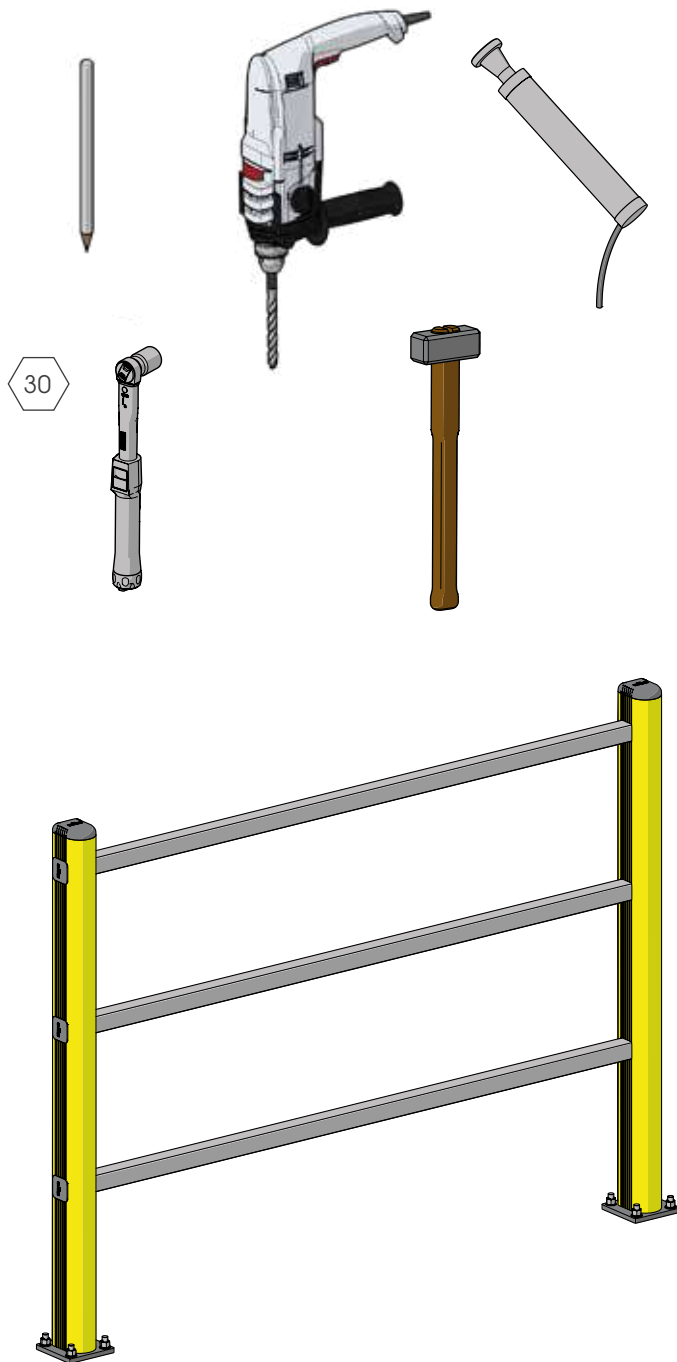
BARRIERA PEDONALE
HAND RAIL BARRIER



HR 90

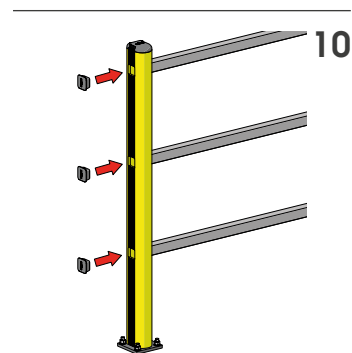
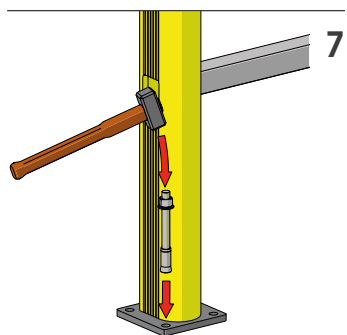
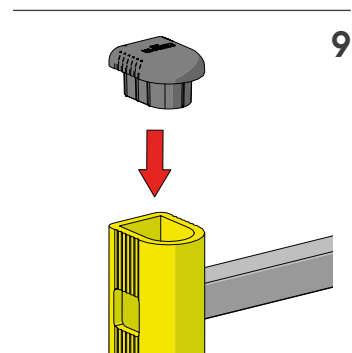
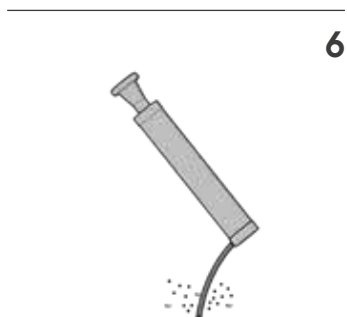
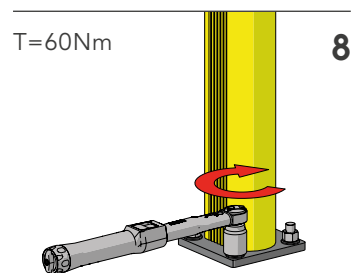
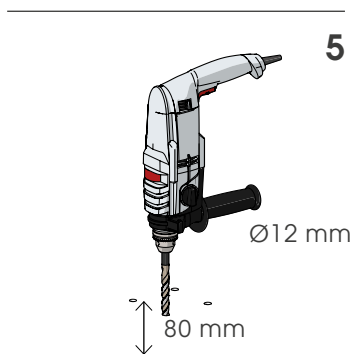
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

Ø12 mm



HR 90

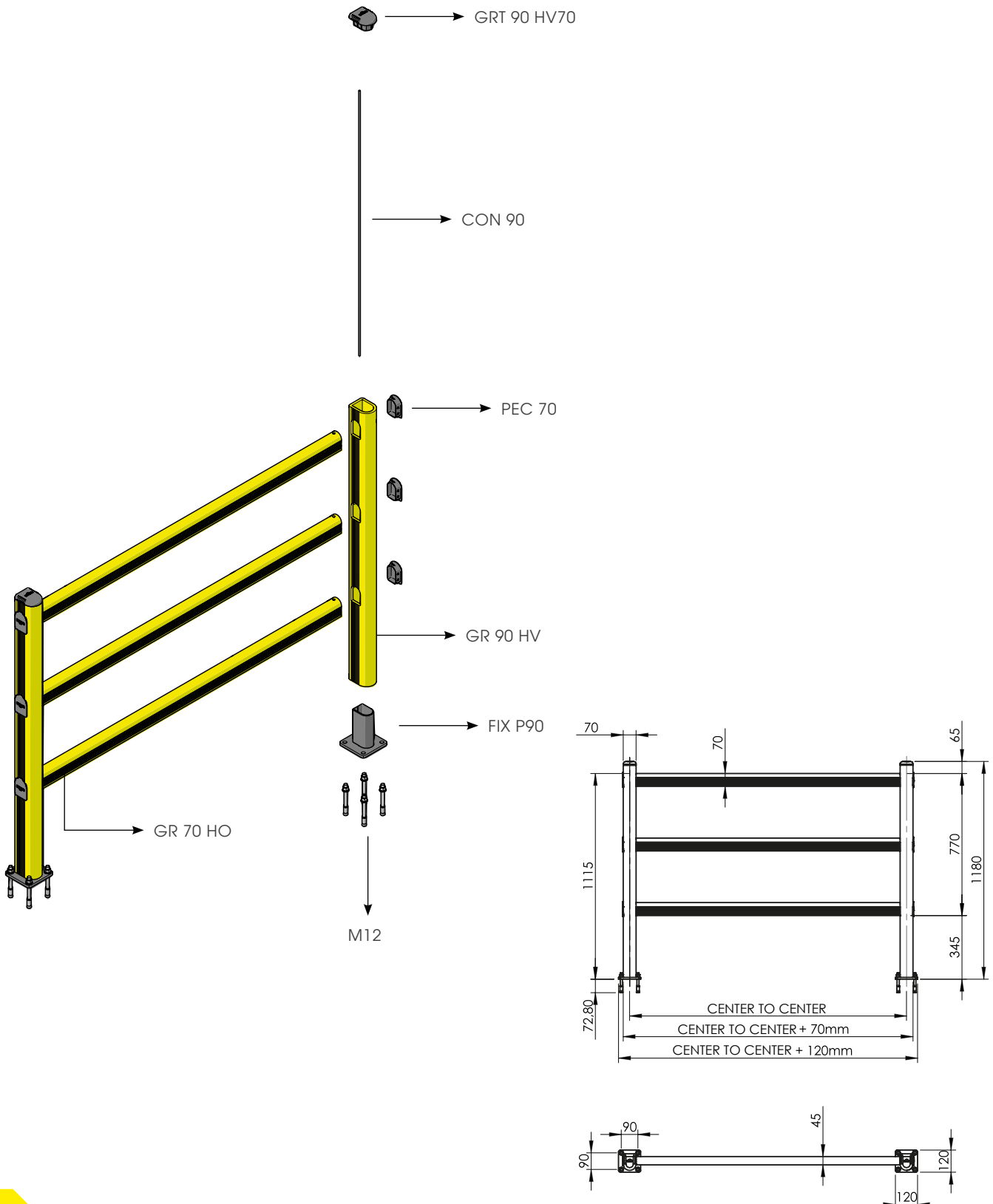
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



04. PEDESTRIAN SAFETY BARRIERS

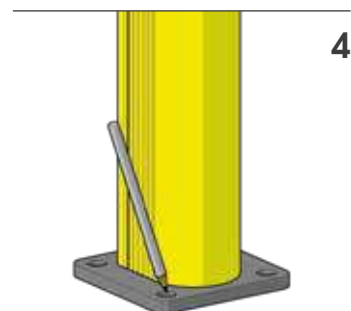
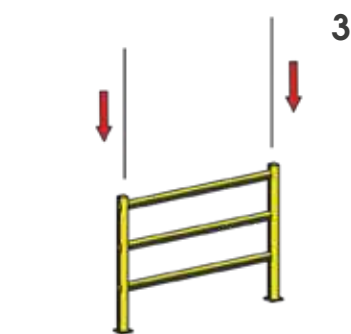
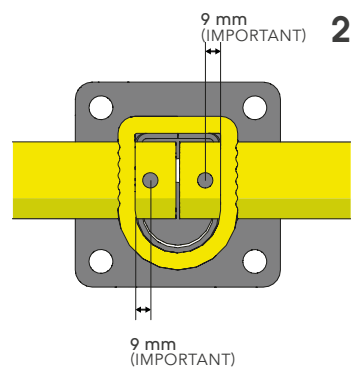
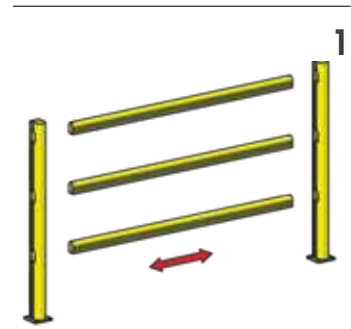
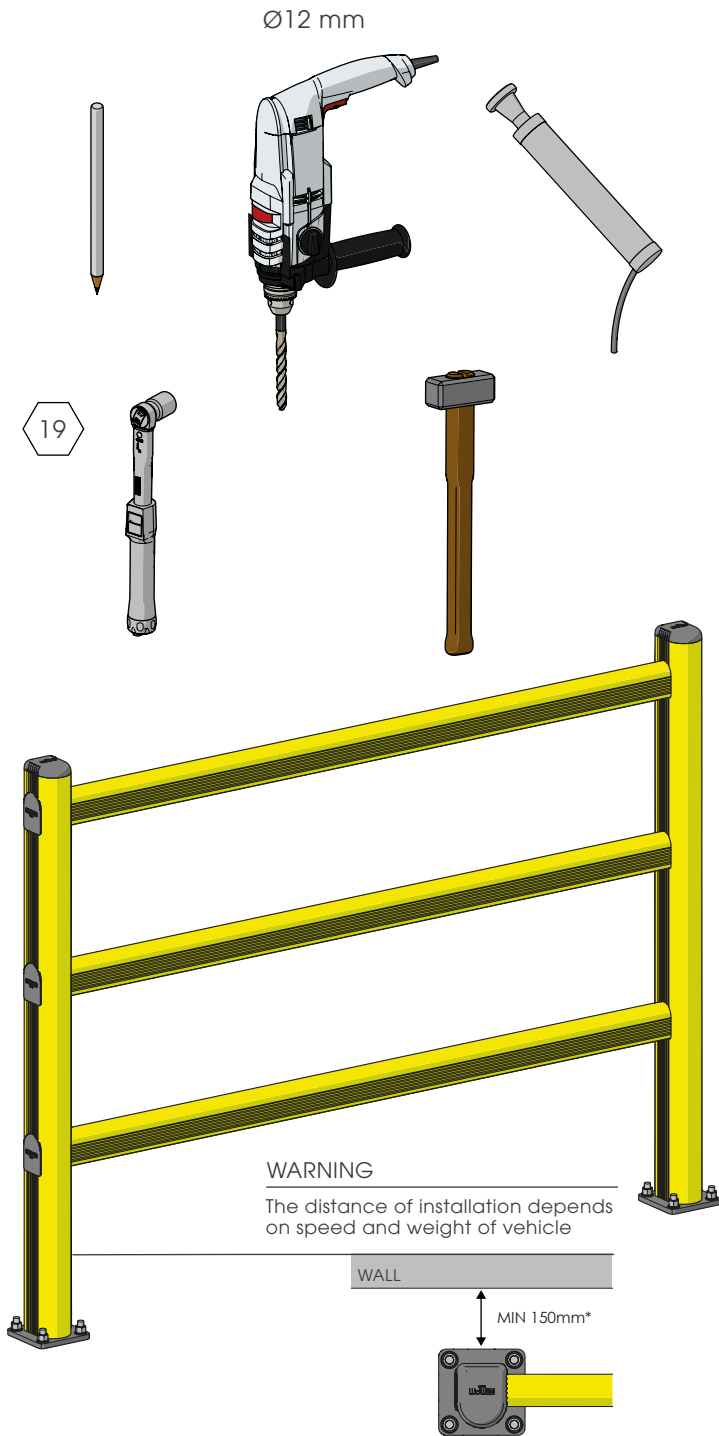
PED 90

BARRIERA DI SICUREZZA
SAFETY BARRIER



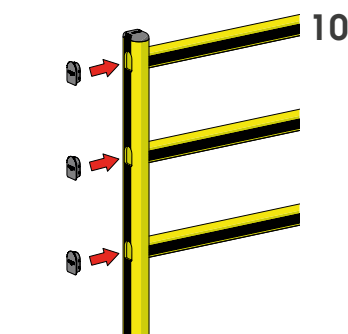
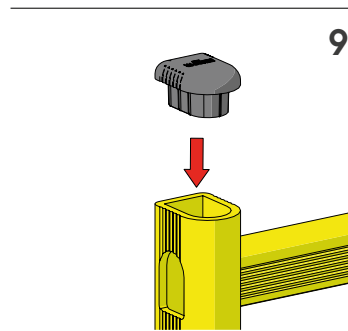
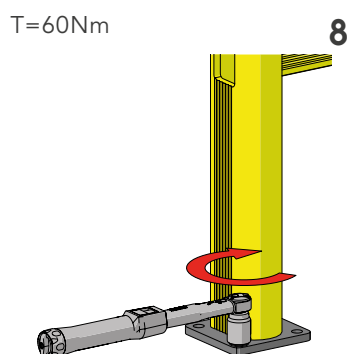
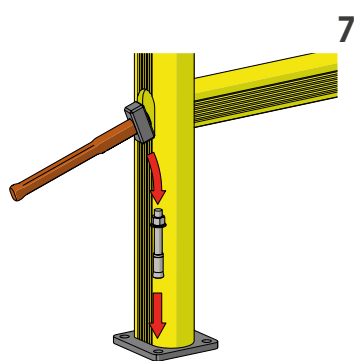
PED 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



PED 90

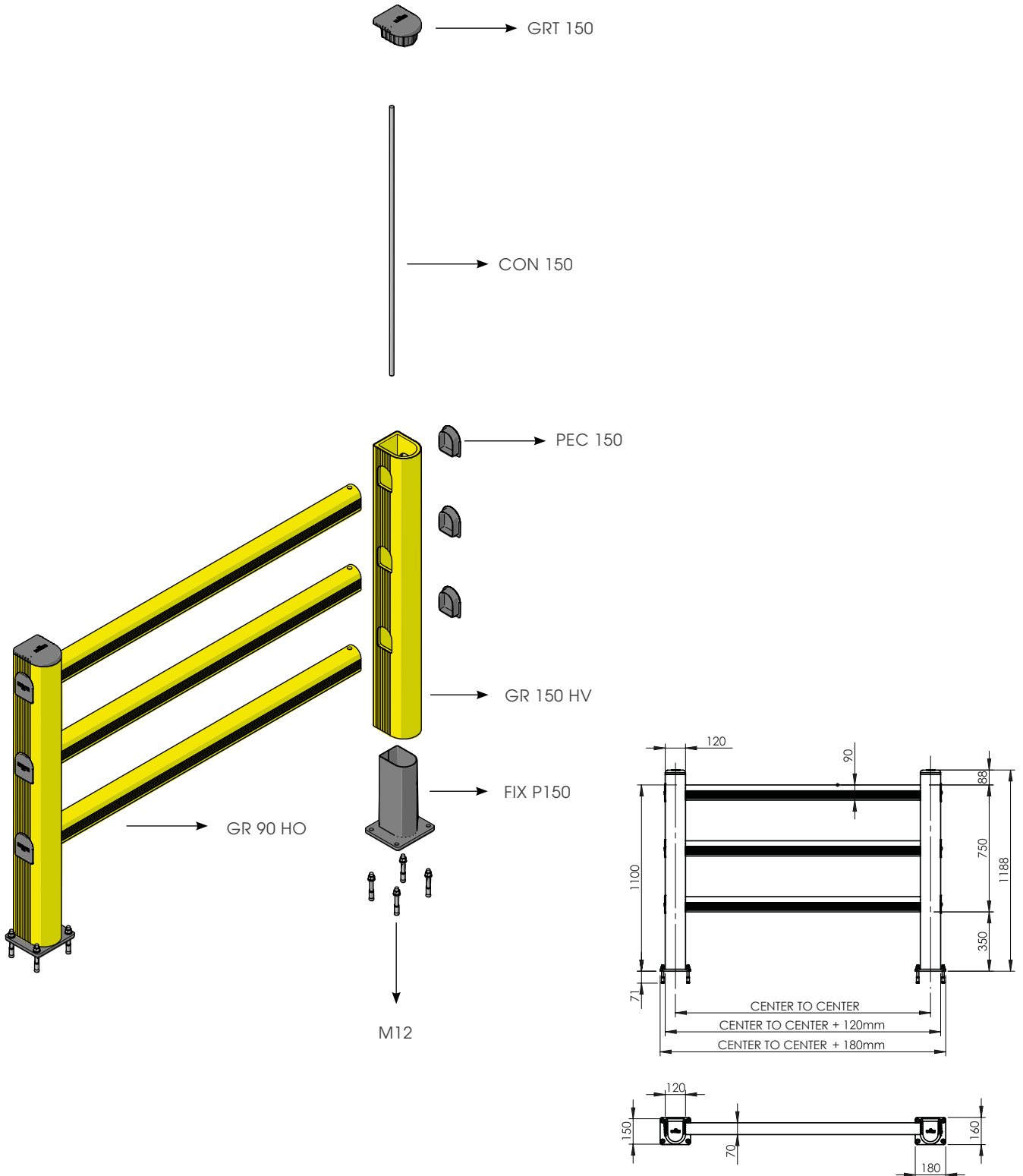
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



04. PEDESTRIAN SAFETY BARRIERS

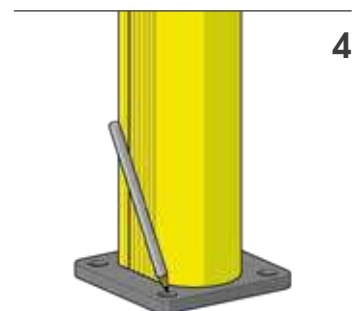
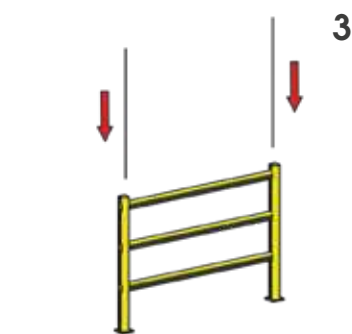
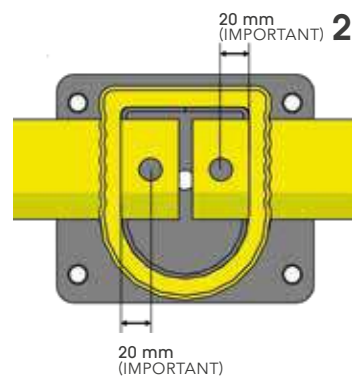
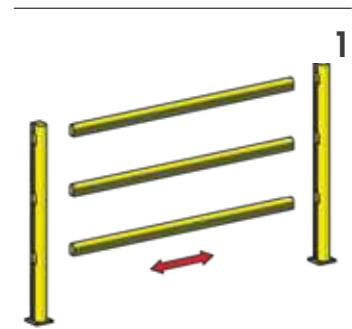
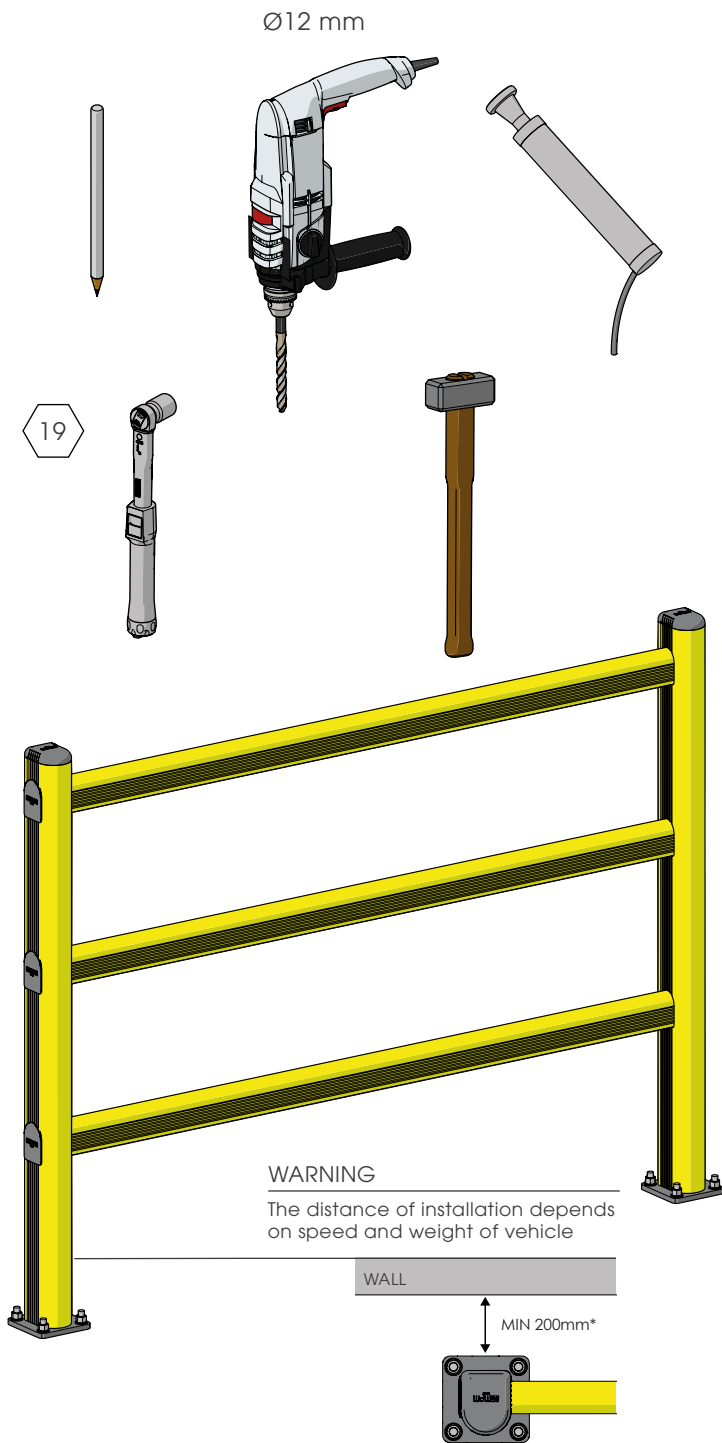
PED 150

BARRIERA DI SICUREZZA
SAFETY BARRIER



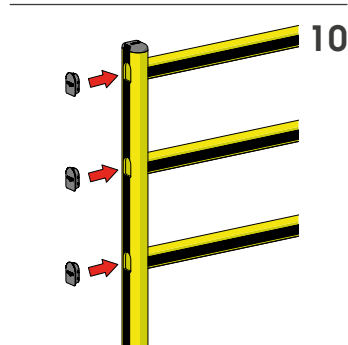
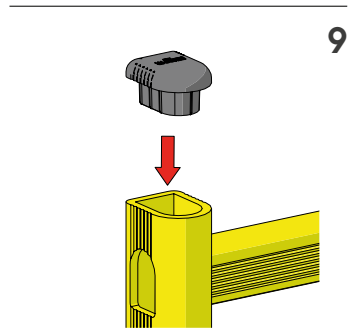
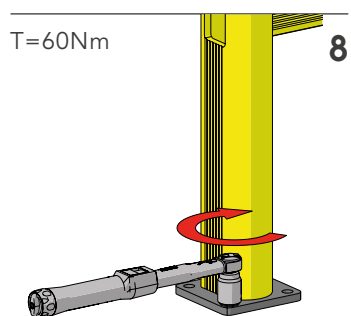
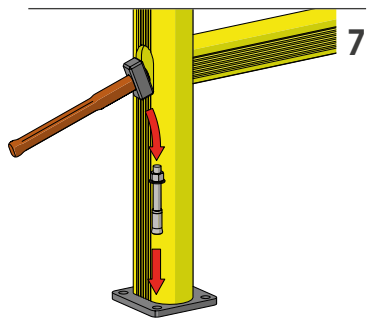
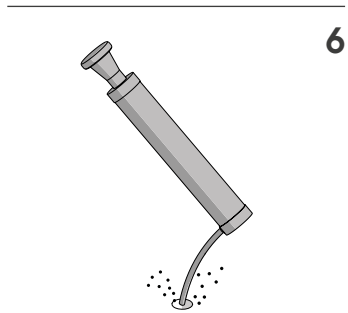
PED 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



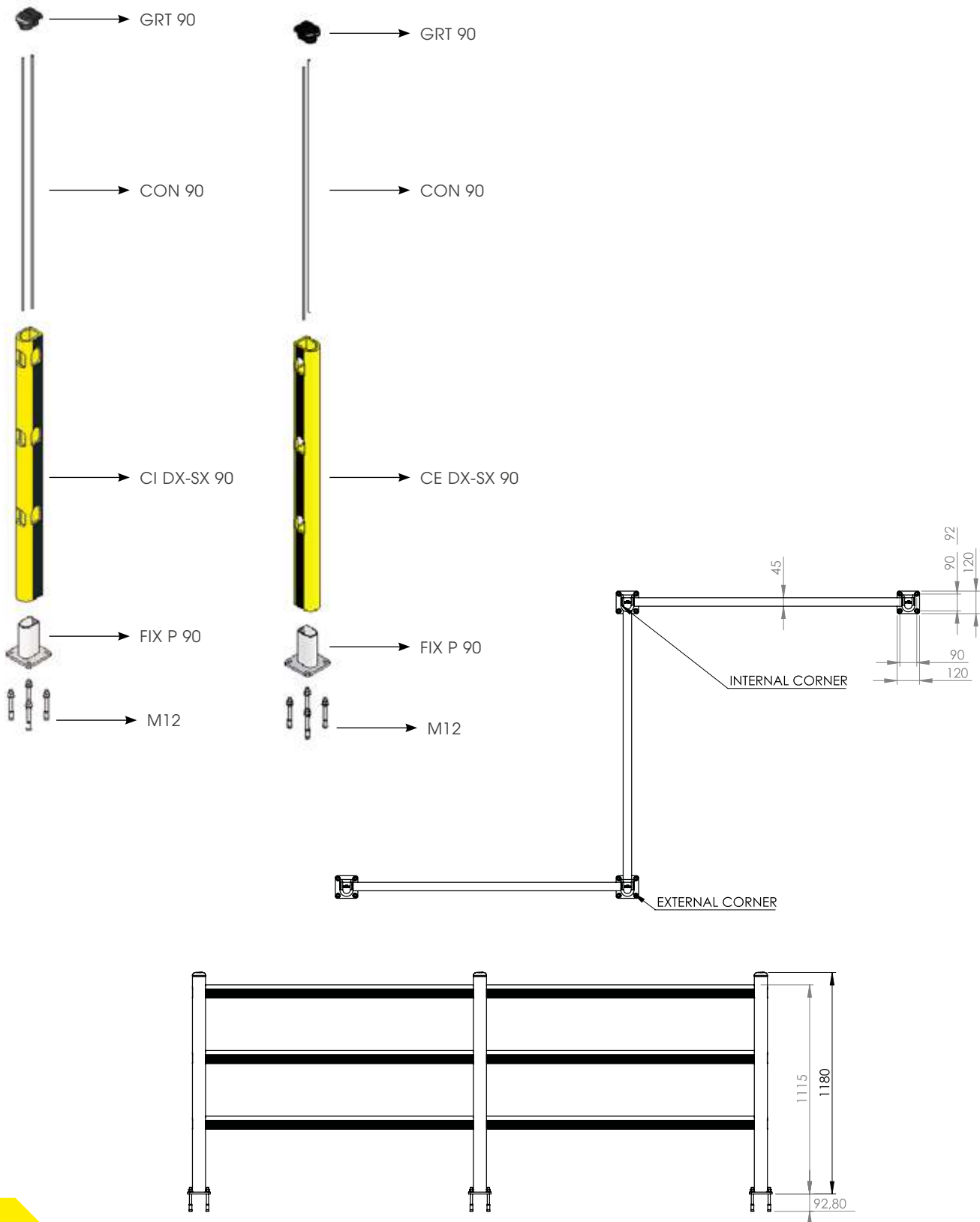
PED 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



CORNER PED 90

BARRIERA DI SICUREZZA
SAFETY BARRIER



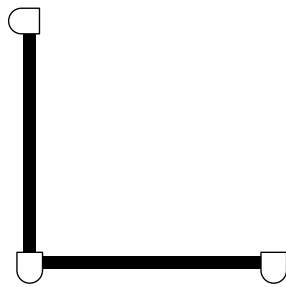
CORNER PED 90

BARRIERA DI SICUREZZA
SAFETY BARRIER

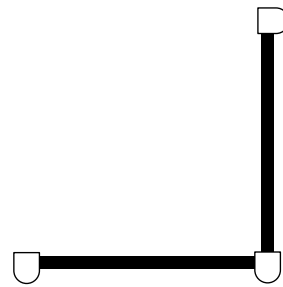
PLEASE CHECK HERE BELOW
WHICH POSITION OF THE CORNER YOU NEED



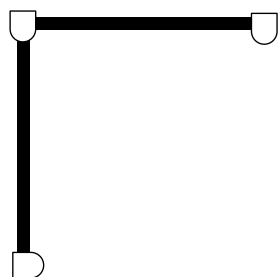
EXTERNAL SX



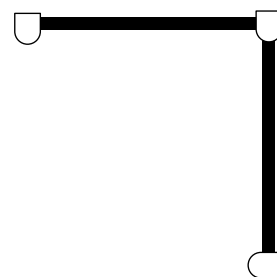
EXTERNAL DX



INTERNAL SX

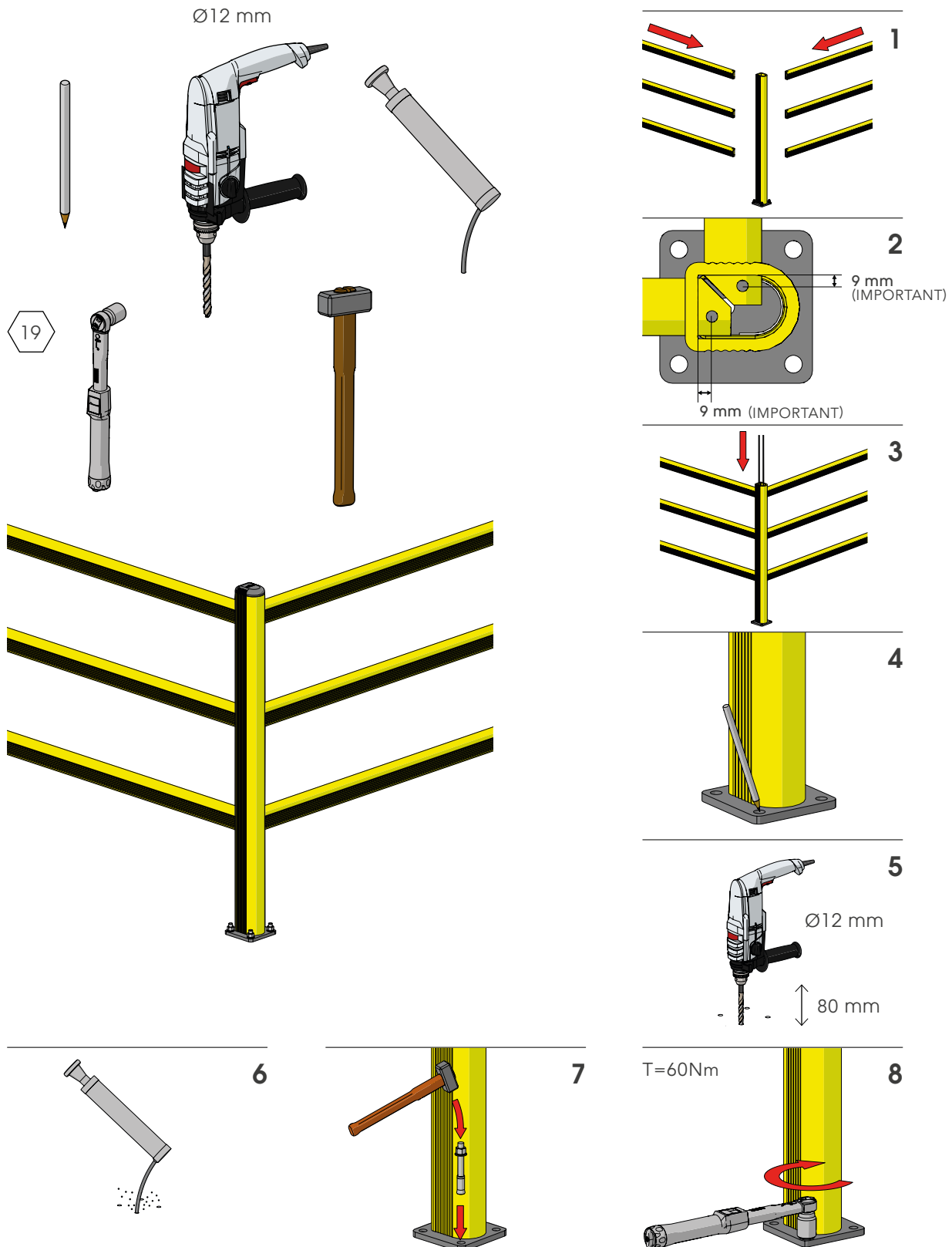


INTERNAL DX



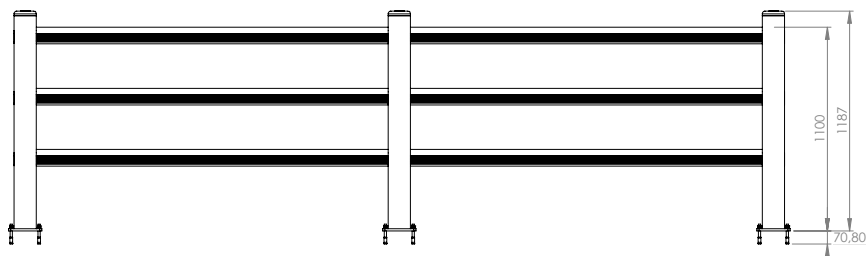
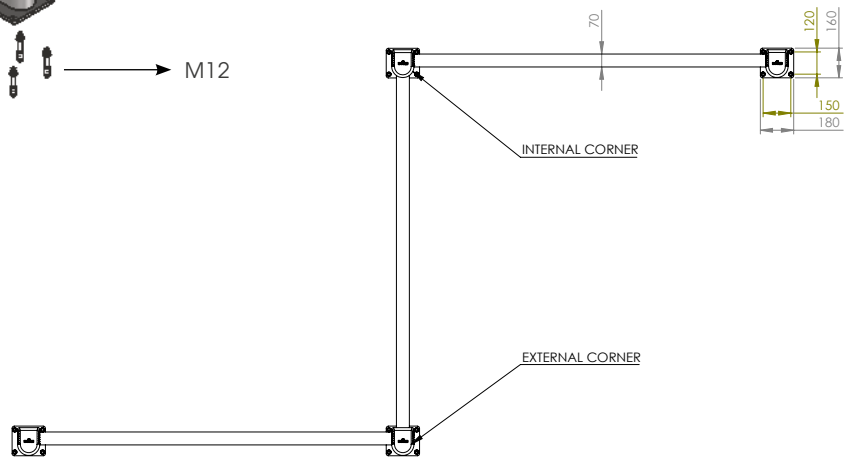
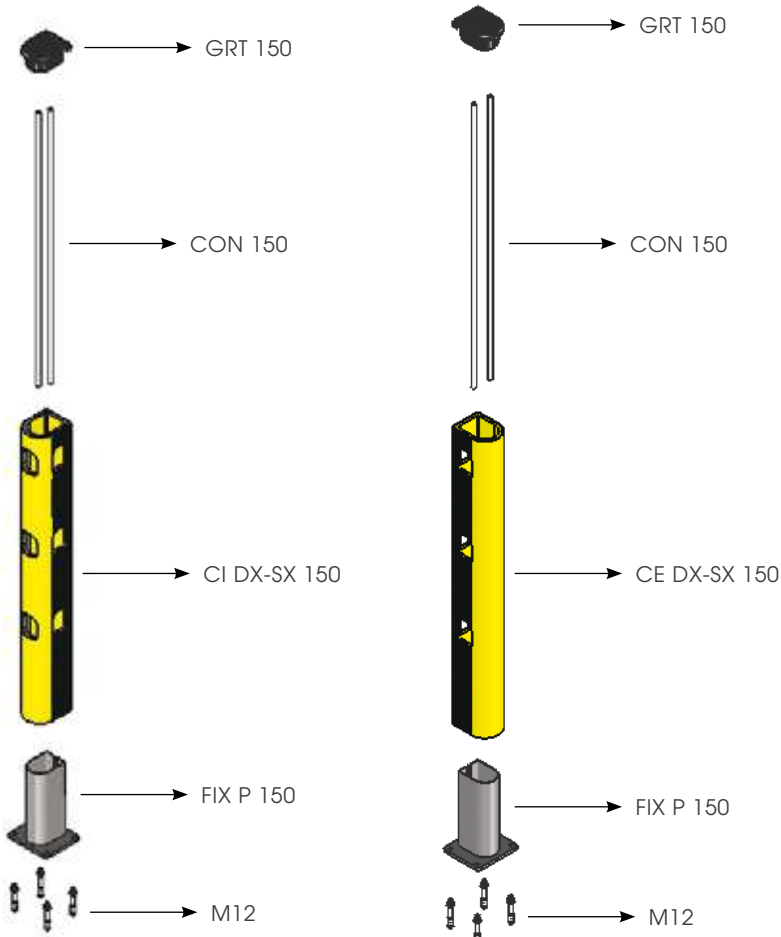
CORNER PED 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



CORNER PED 150

BARRIERA DI SICUREZZA
SAFETY BARRIER



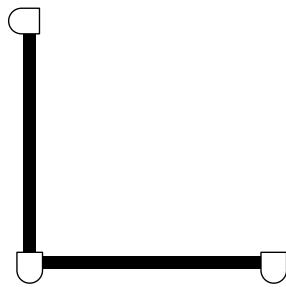
CORNER PED 150

BARRIERA DI SICUREZZA
SAFETY BARRIER

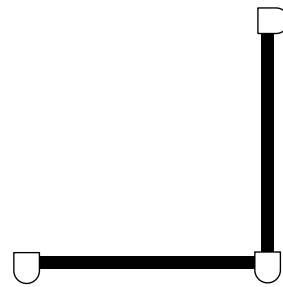
PLEASE CHECK HERE BELOW
WHICH POSITION OF THE CORNER YOU NEED



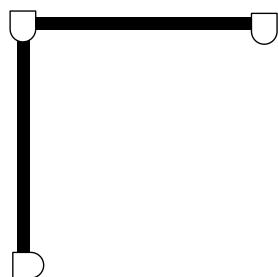
EXTERNAL SX



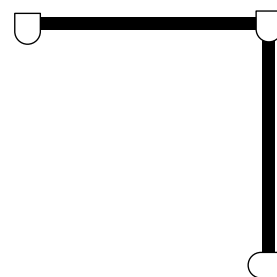
EXTERNAL DX



INTERNAL SX



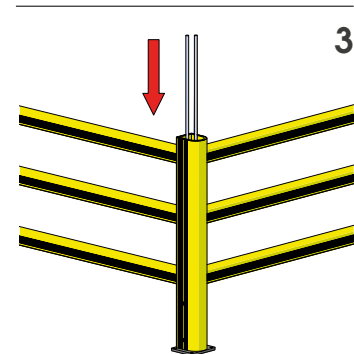
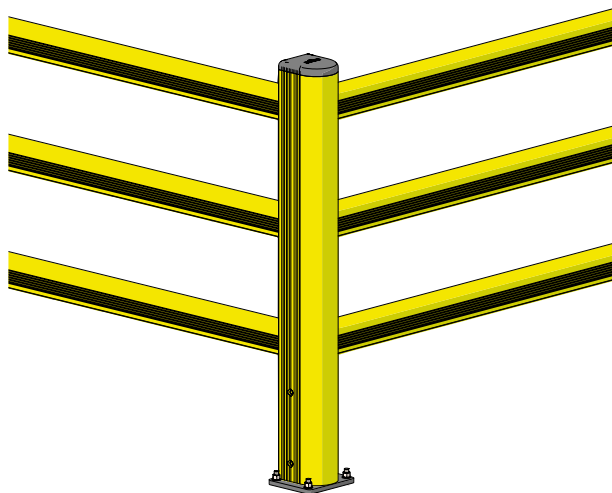
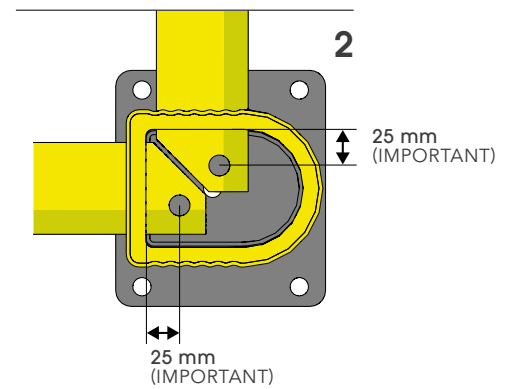
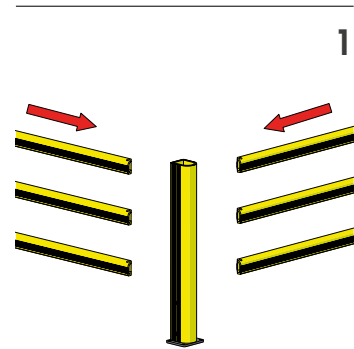
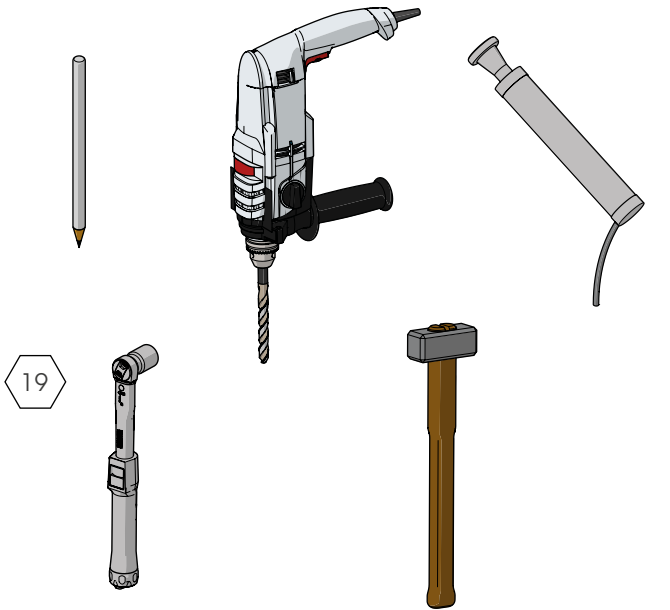
INTERNAL DX



CORNER PED 150

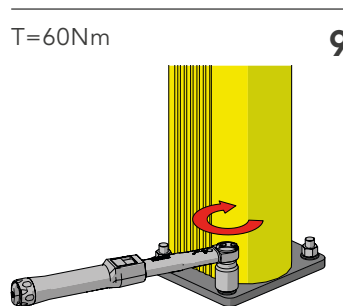
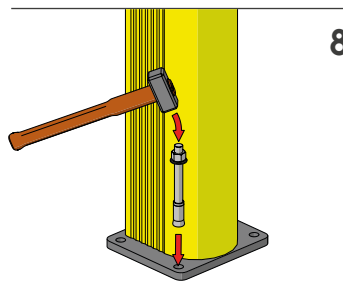
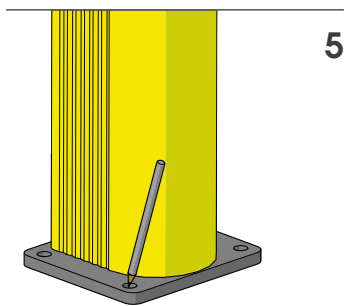
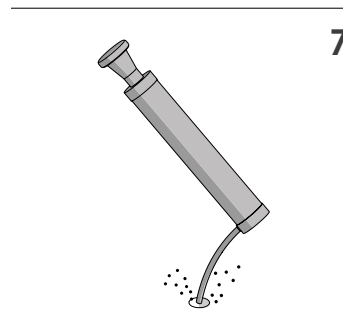
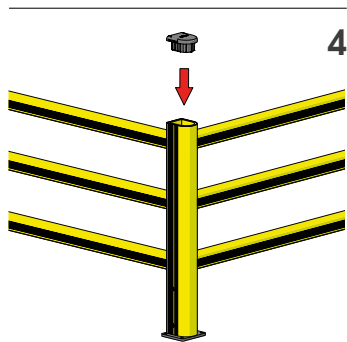
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

Ø12 mm



CORNER PED 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



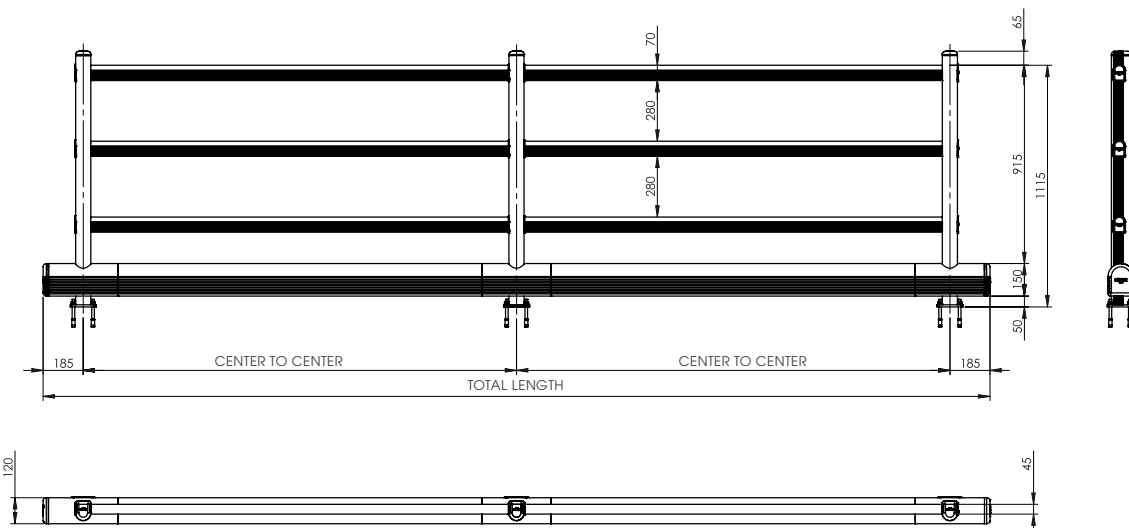
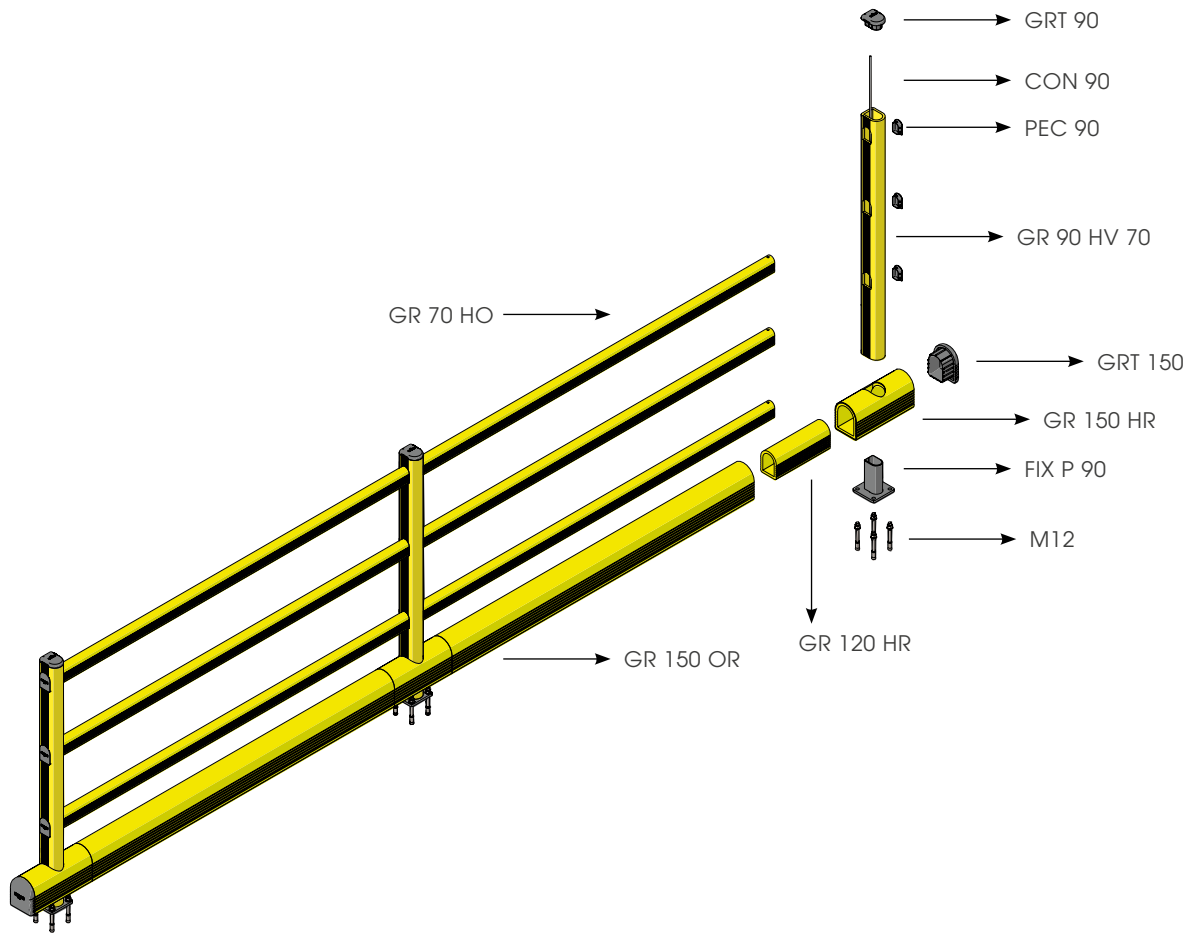
04. PEDESTRIAN SAFETY BARRIERS

PED 90 REINFORCED

BARRIERA DI SICUREZZA
SAFETY BARRIER



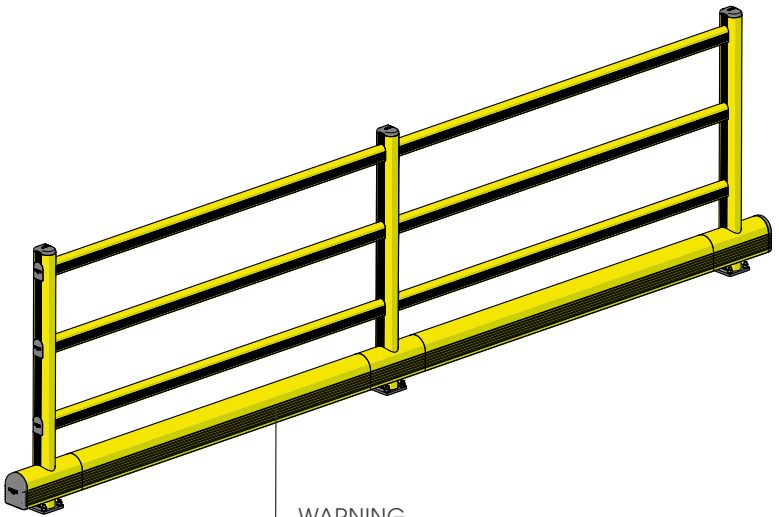
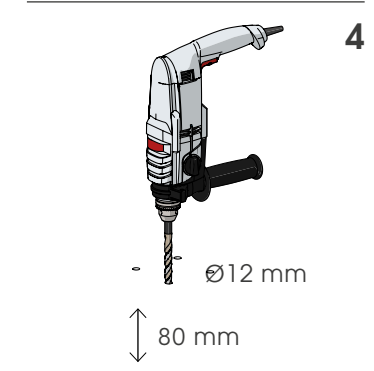
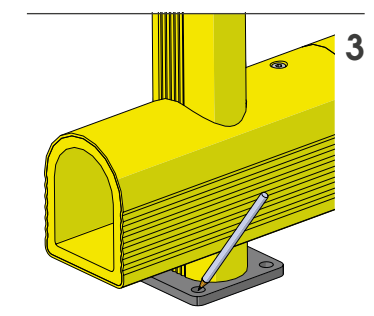
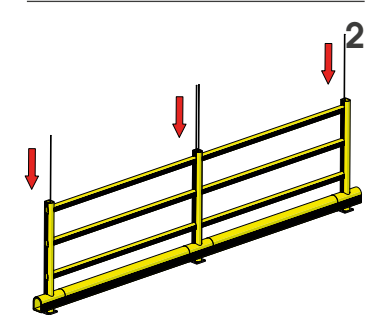
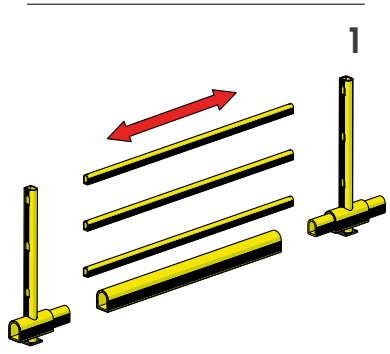
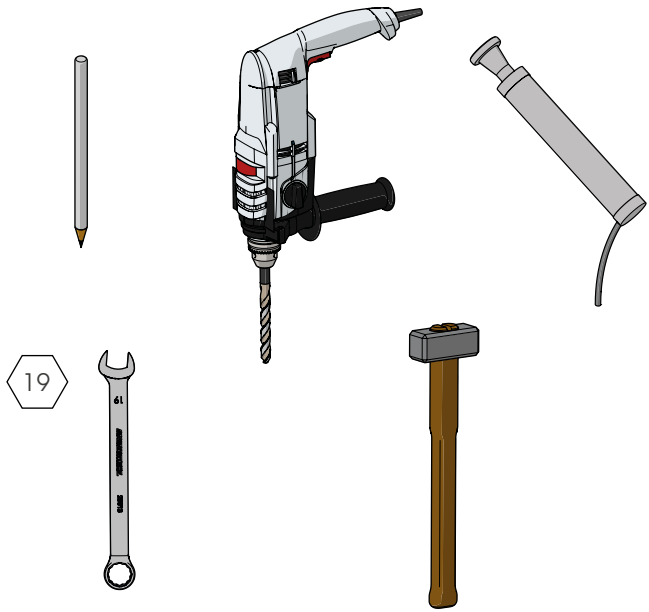
IMPACT TEST PASSED
according to
AFNORNP P98-310



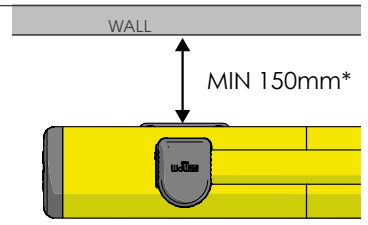
PED 90 REINFORCED

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

Ø12 mm

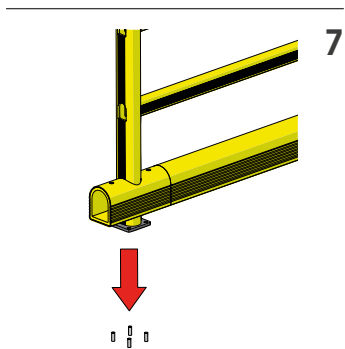
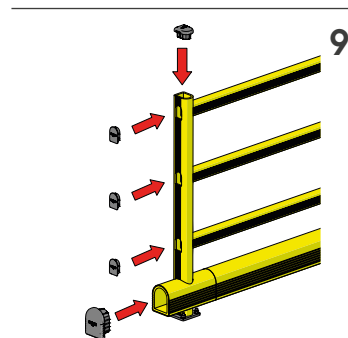
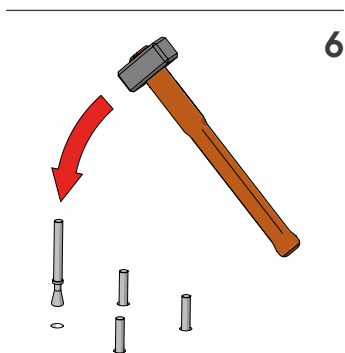
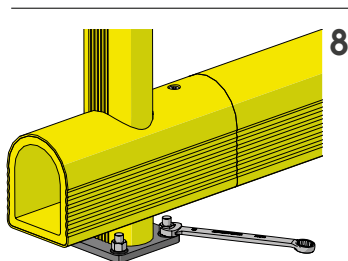
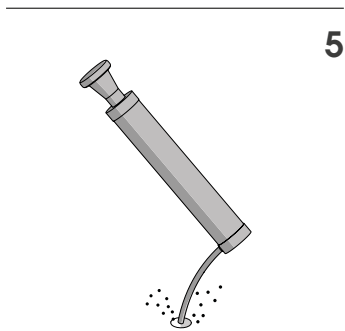


WARNING
The distance of installation depends on speed and weight of vehicle



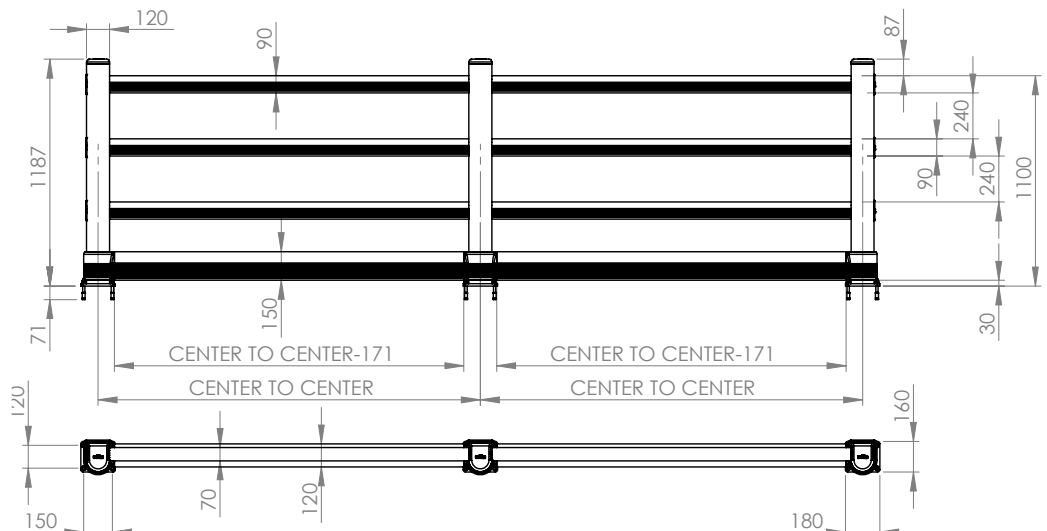
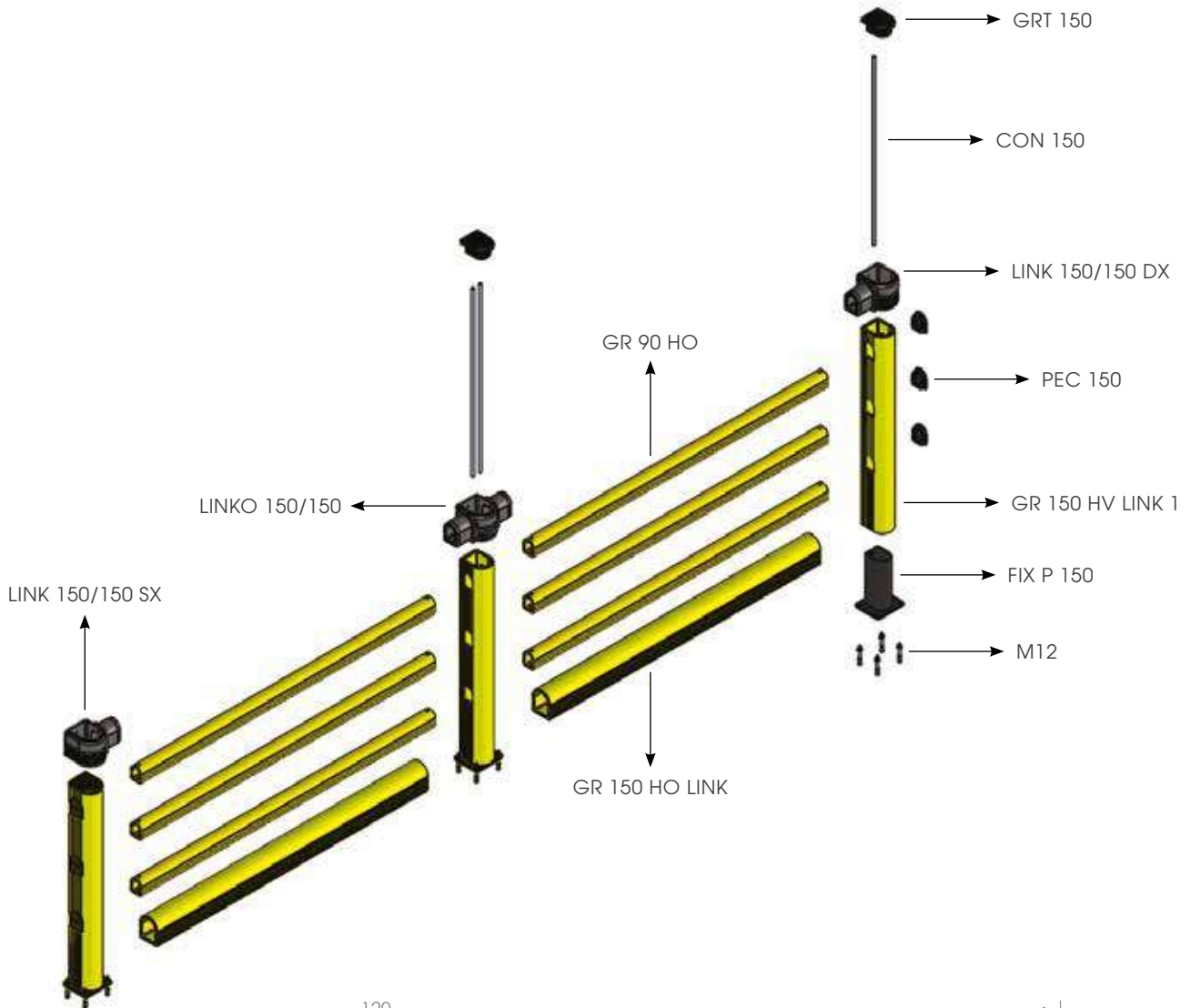
PED 90 REINFORCED

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



PED 150 REF LINK

BARRIERA DI SICUREZZA
SAFETY BARRIER



PED 150 REF LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

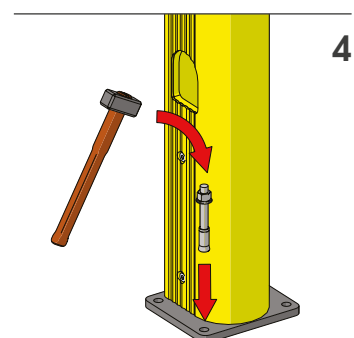
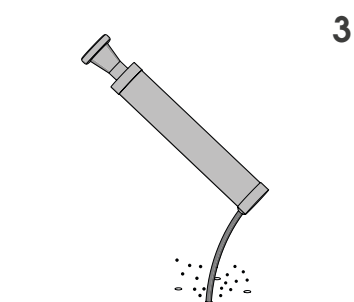
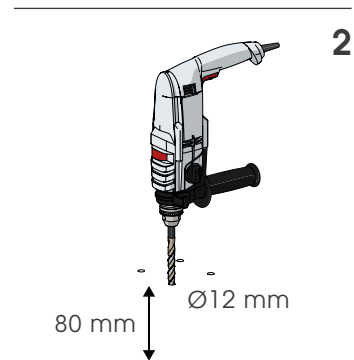
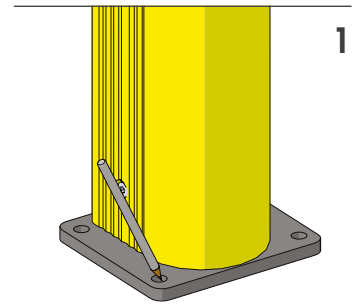
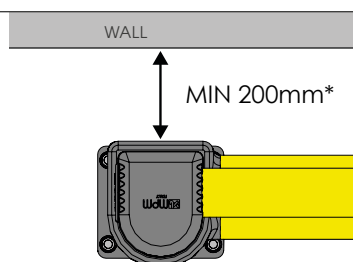
THE PRODUCT IS EQUIPPED WITH SCREWS M8

Ø12 mm



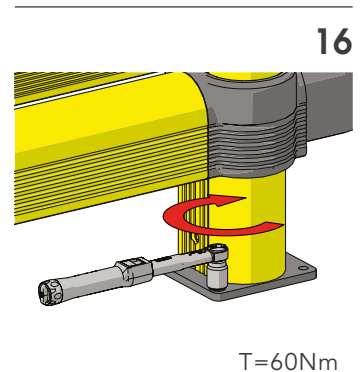
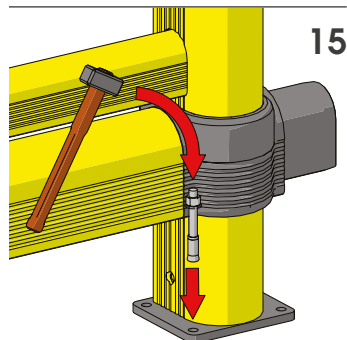
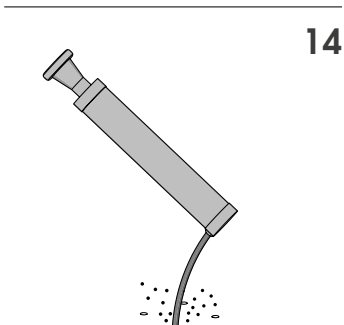
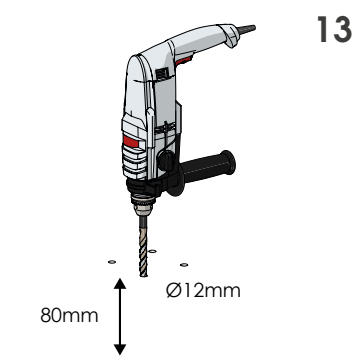
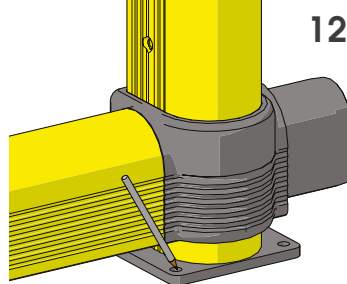
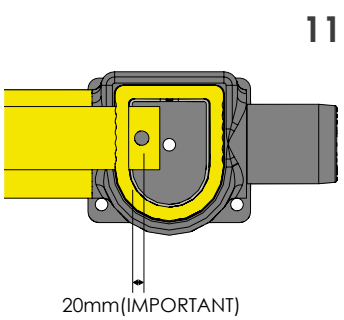
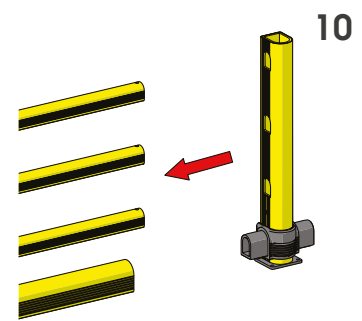
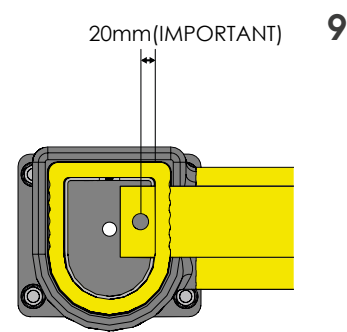
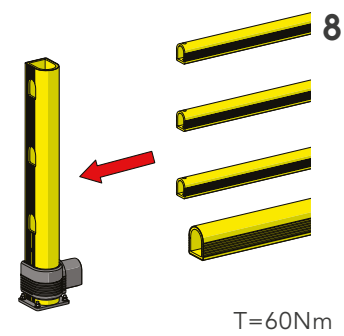
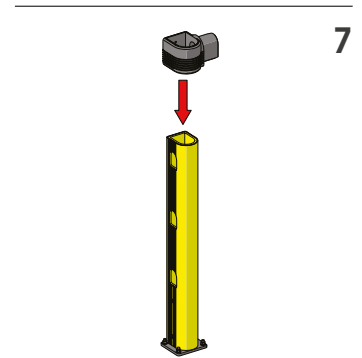
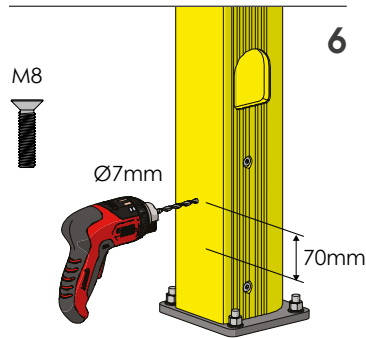
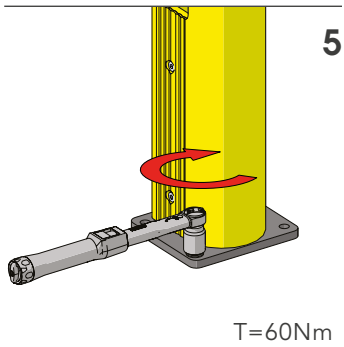
WARNING

The distance of installation depends on speed and weight of vehicle



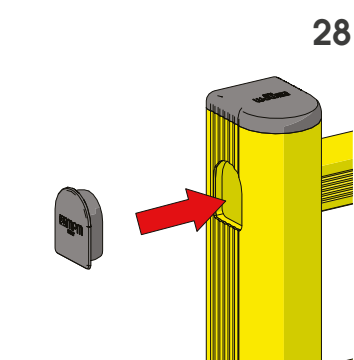
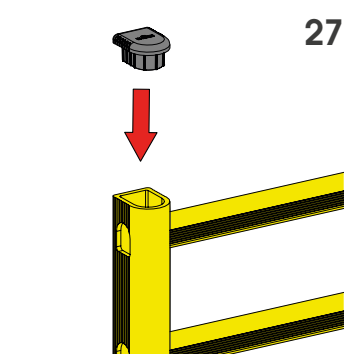
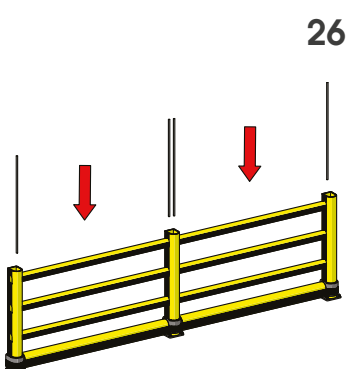
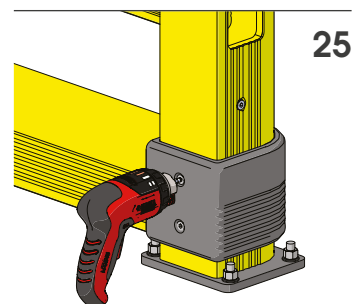
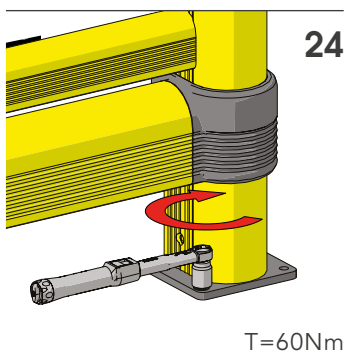
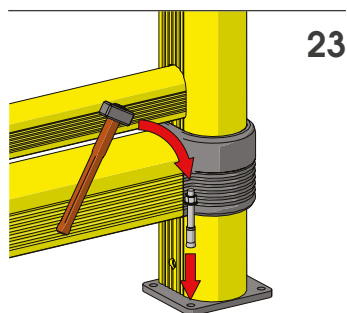
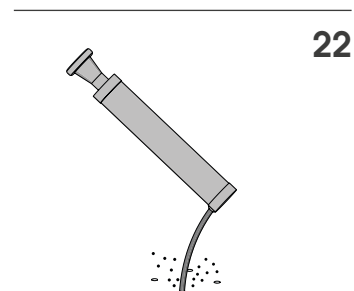
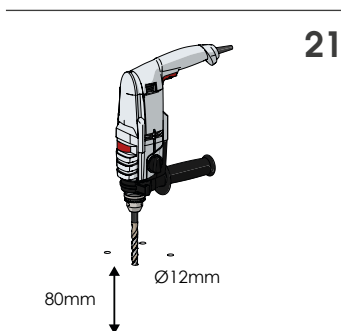
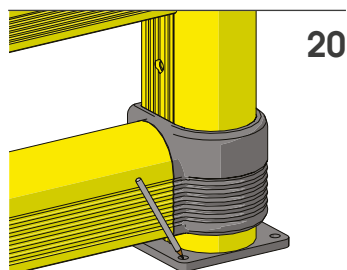
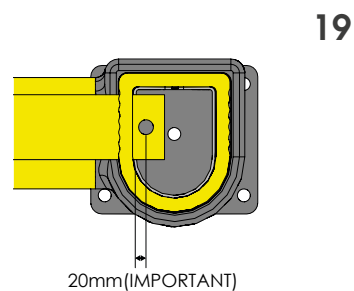
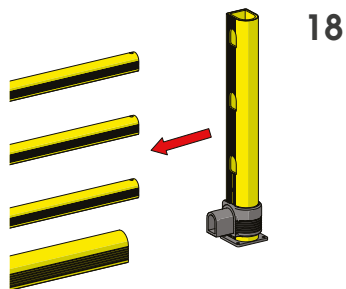
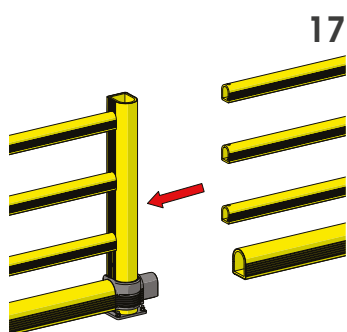
PED 150 REF LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



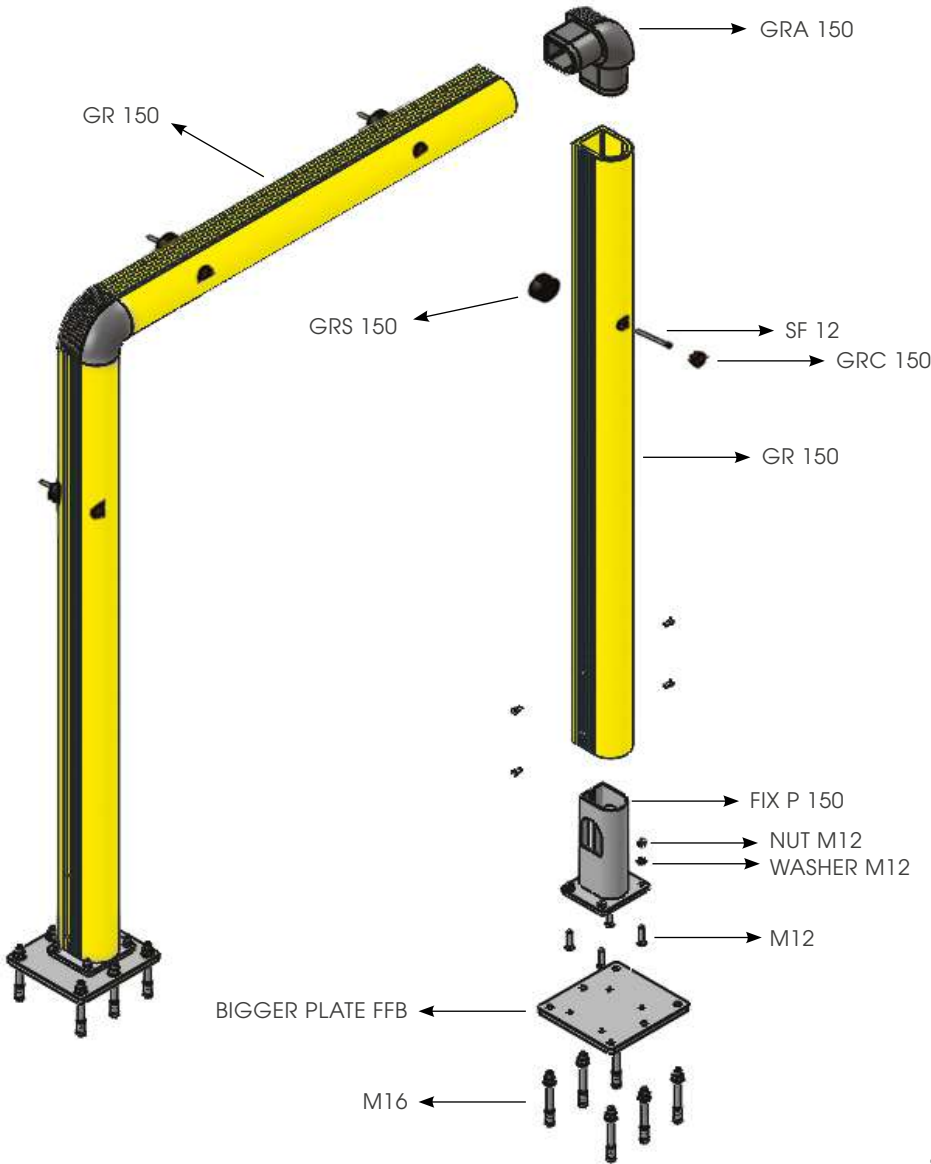
PED 150 REF LINK

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

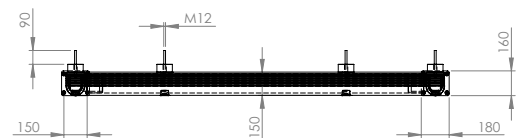
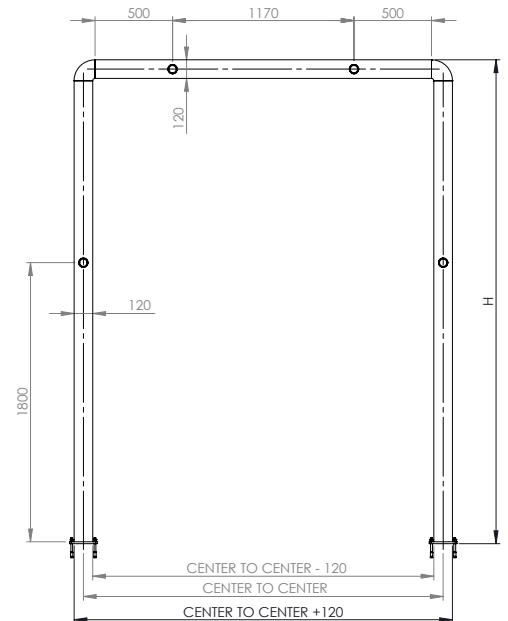


FULL FRAME

PROTEZIONE PORTA FULL FRAME
FULL FRAME DOOR PROTECTION



*STANDARD DIMENSIONS
UP TO 4500mm HIGH
AND 4000mm WIDE

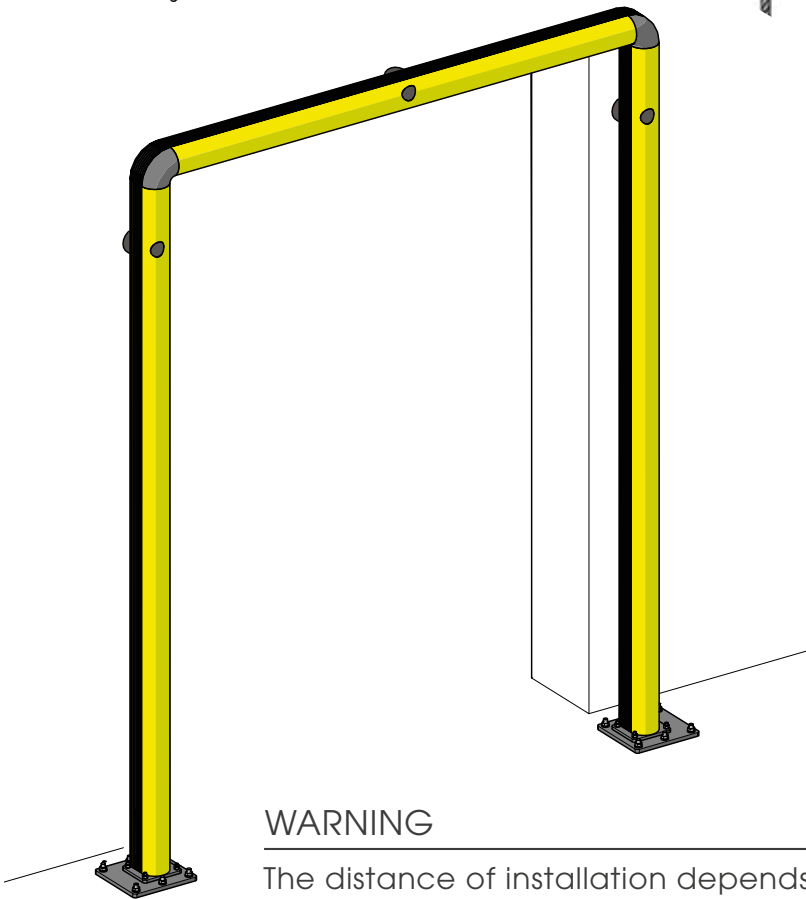


WARNING

Full frame up to 4000mm high and 4000mm wide can be used without being mounted to the wall

FULL FRAME

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

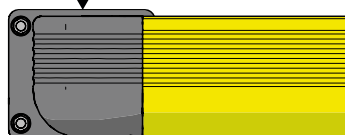


WARNING

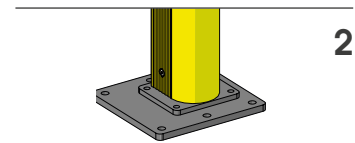
The distance of installation depends on speed and weight of vehicle and also on the dimension of the full frame

WALL

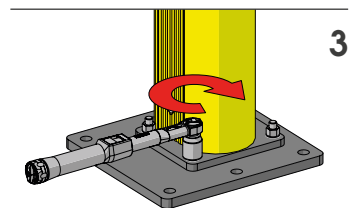
MIN 200mm*



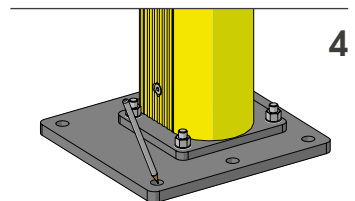
1



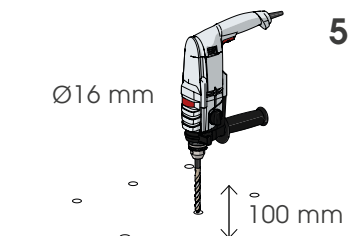
2



3



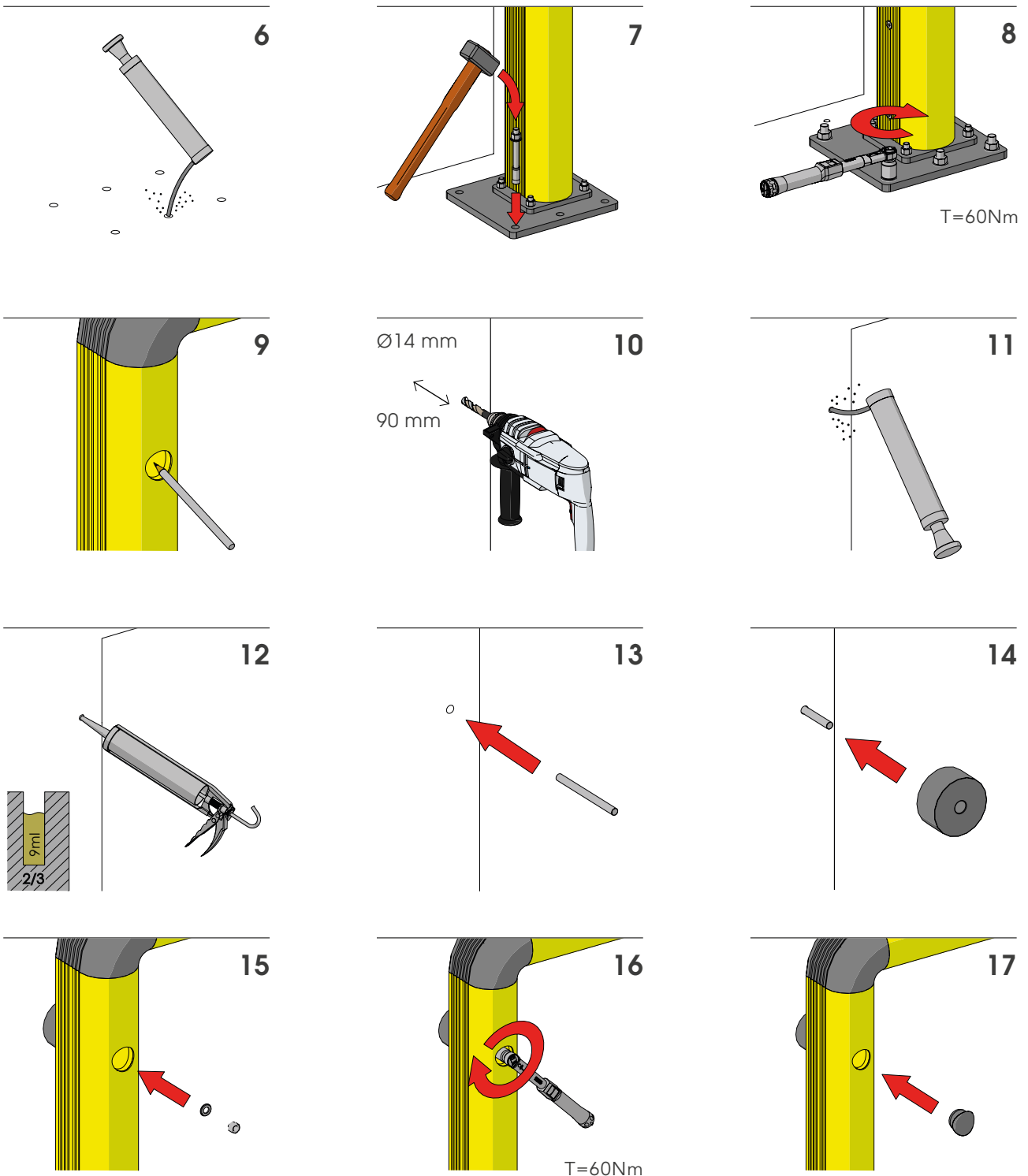
4



5

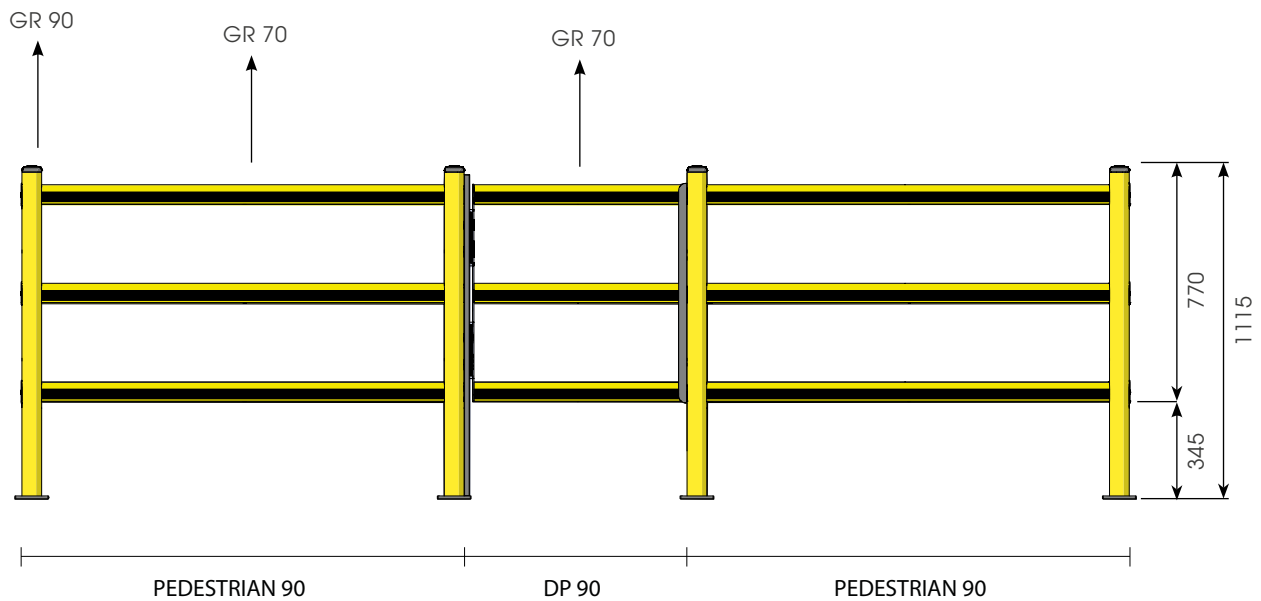
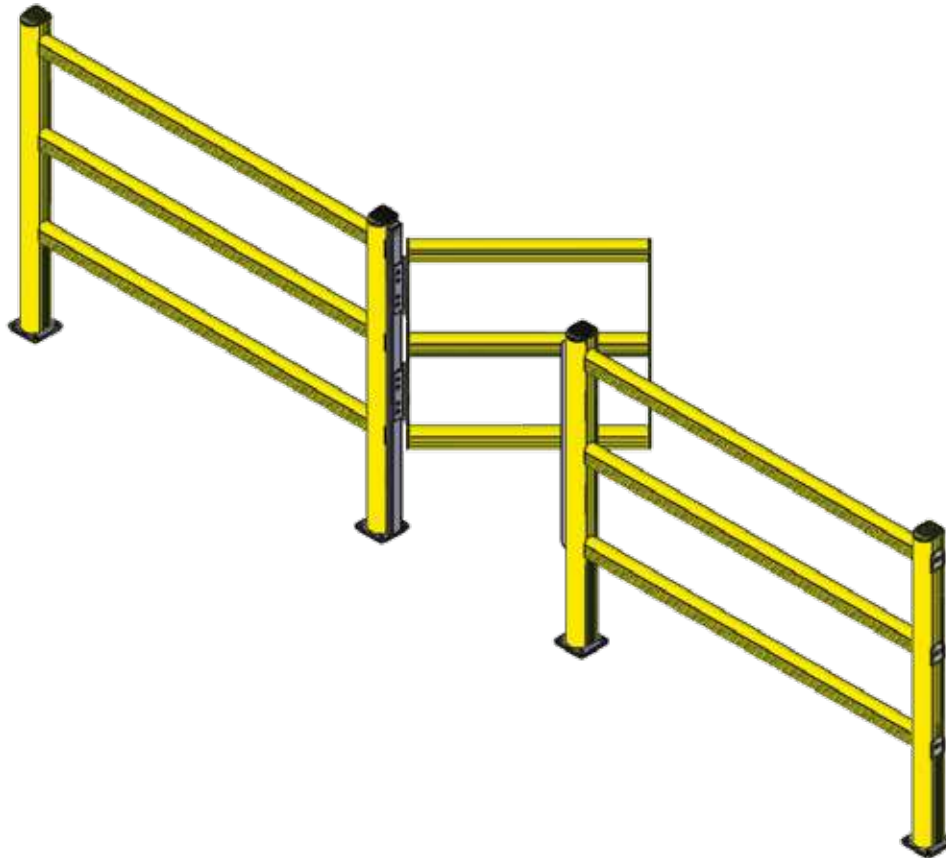
FULL FRAME

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



DP 90 ONE WAY

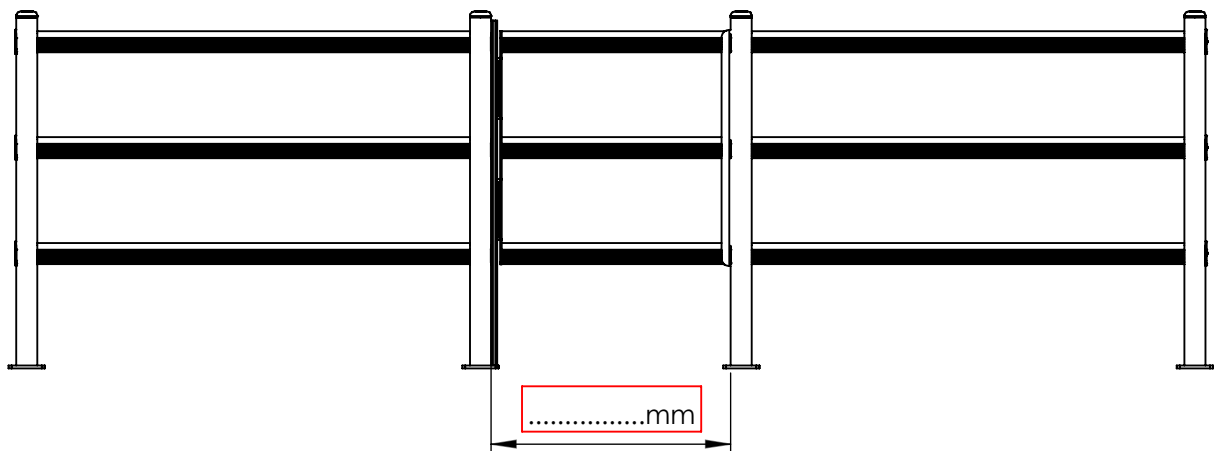
PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90



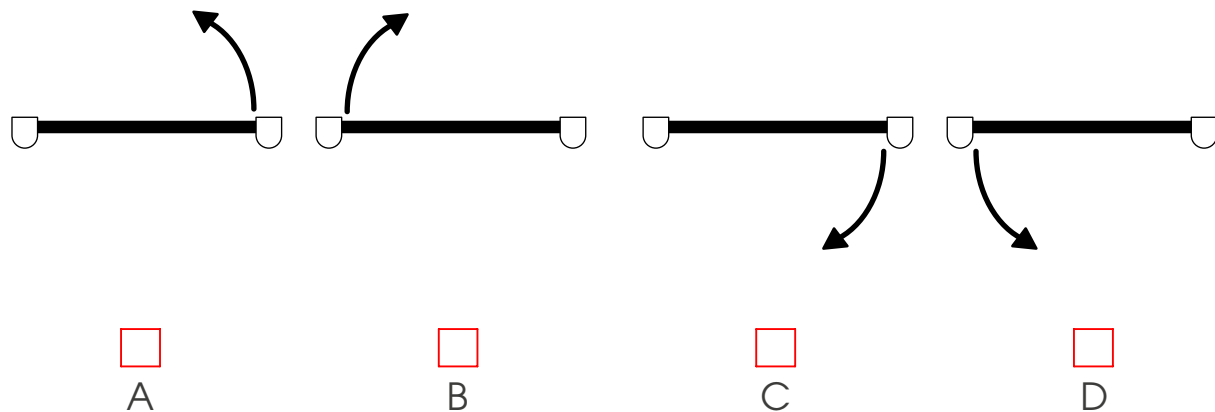
DP 90 ONE WAY

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

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



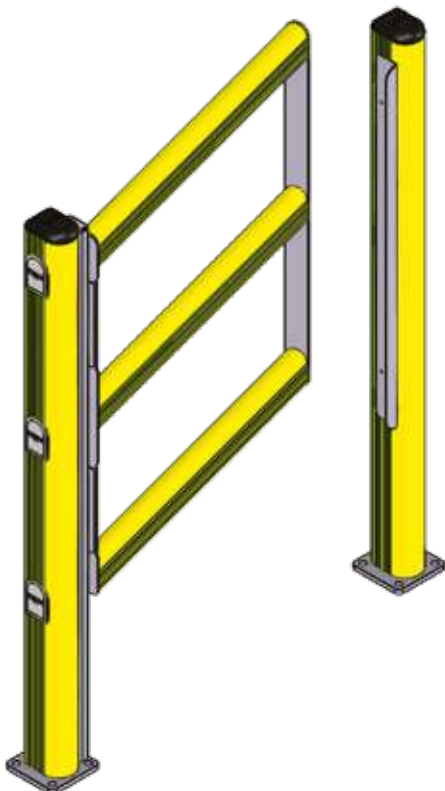
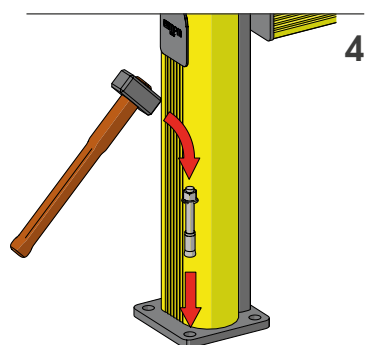
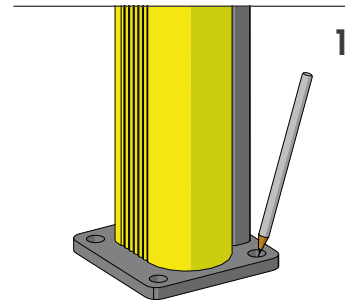
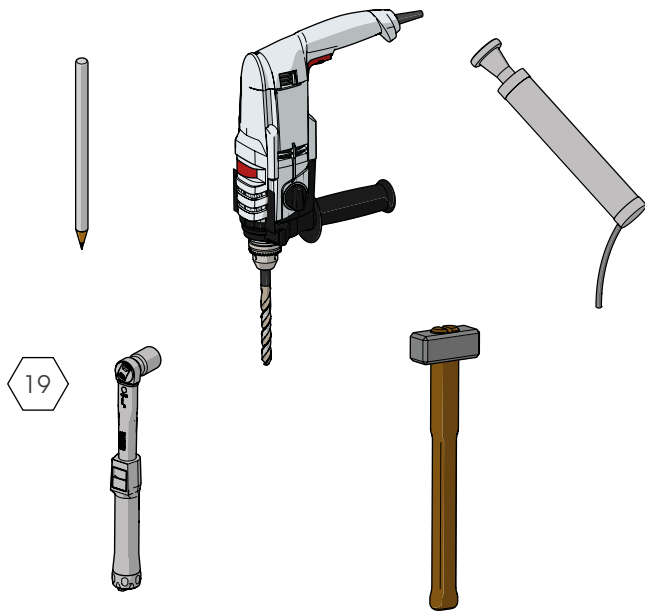
PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED



DP 90 ONE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

Ø12 mm

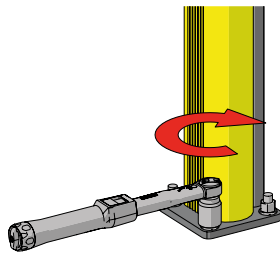


DP 90 ONE WAY

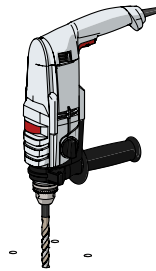
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

T=60Nm

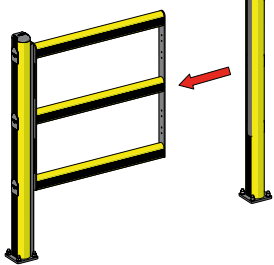
5



9



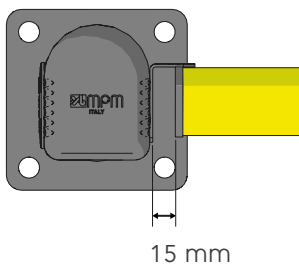
6



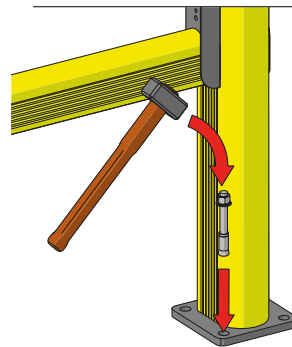
10



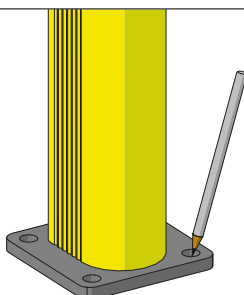
7



11

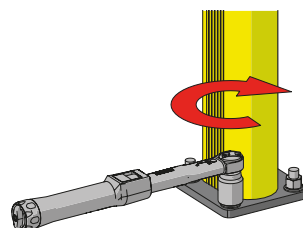


8



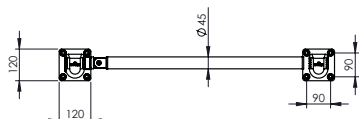
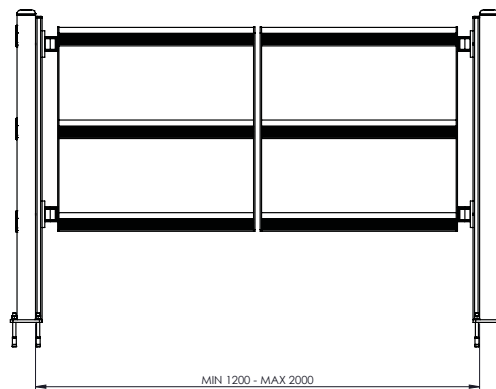
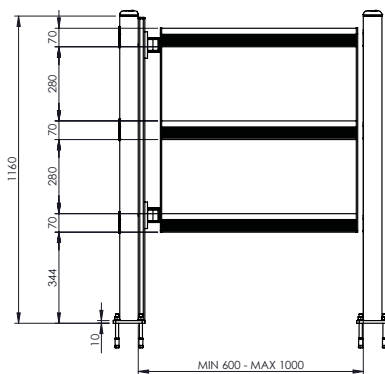
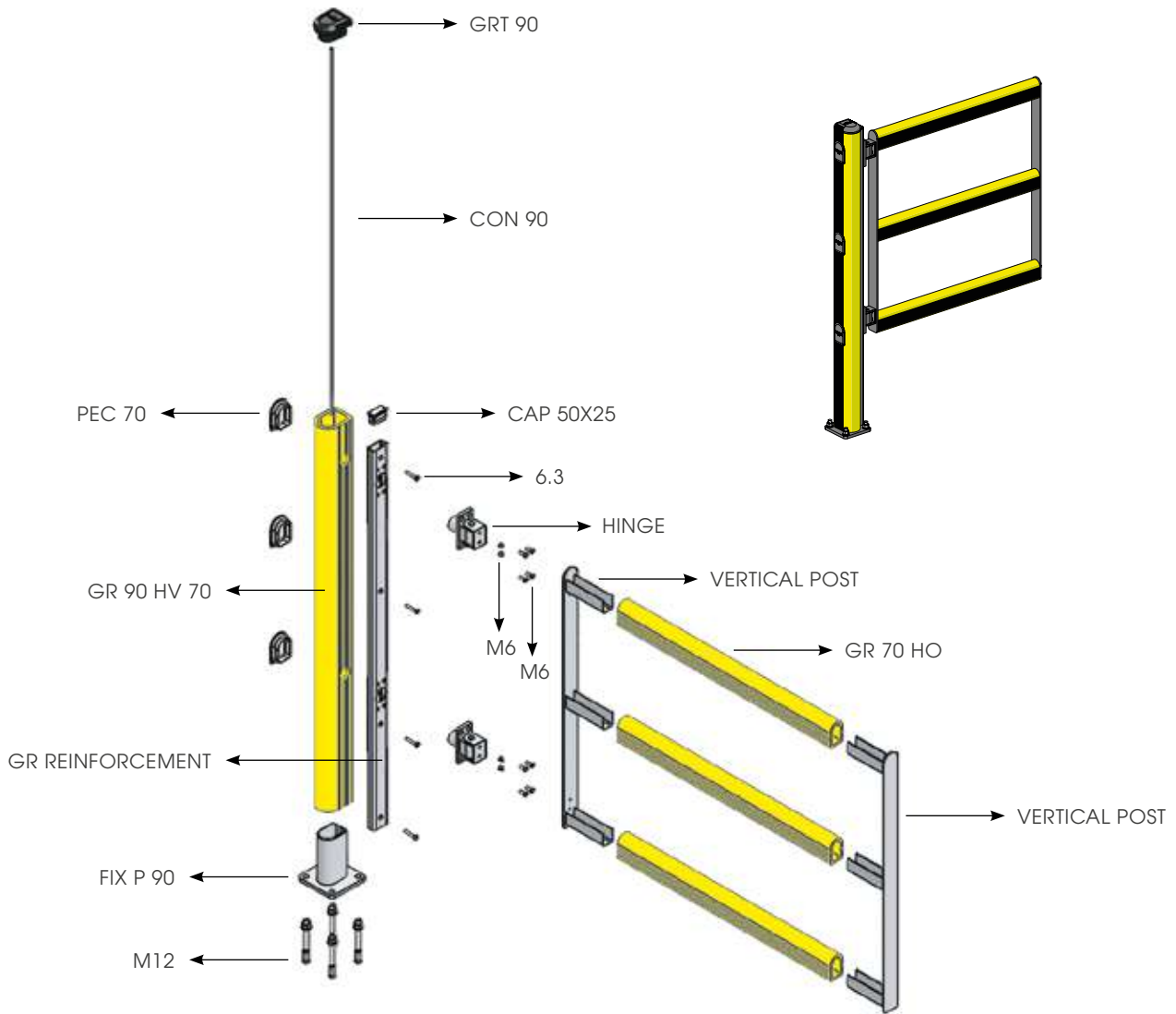
T=60Nm

12



DP 90 SWING

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

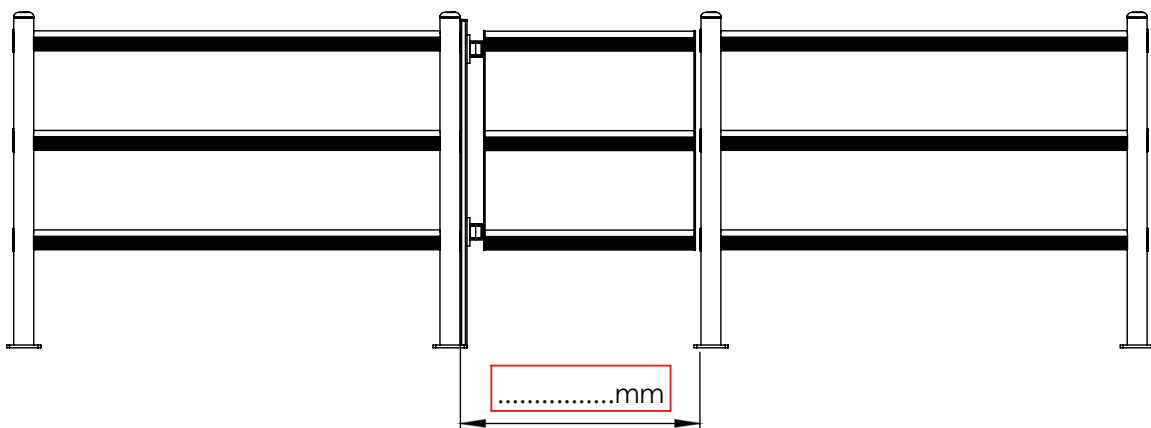


05. DOORS

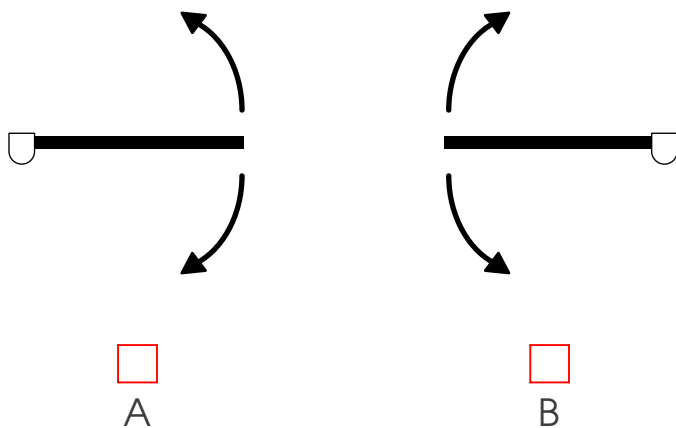
DP 90 SWING

PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90

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

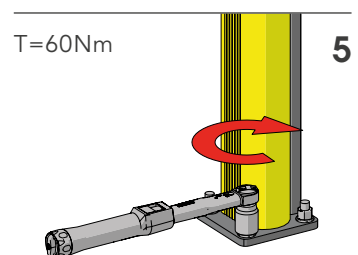
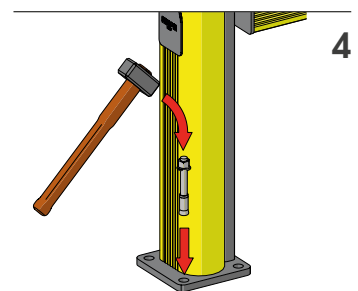
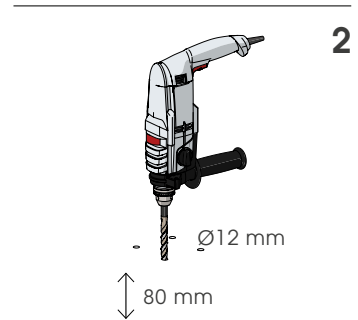
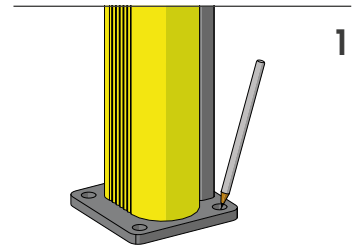
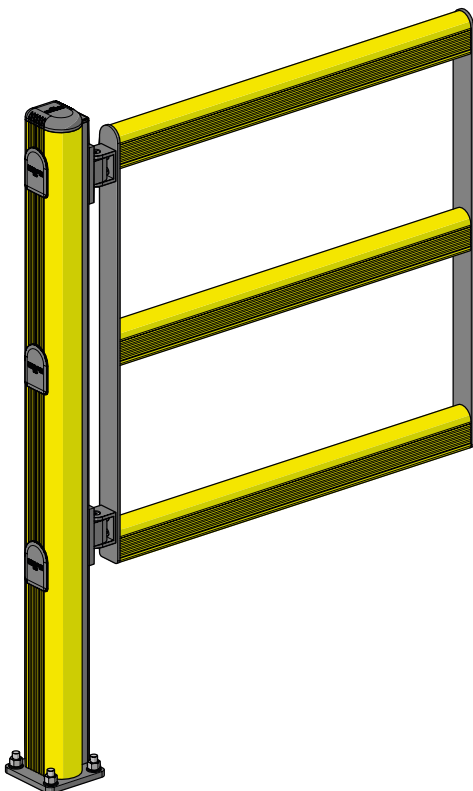
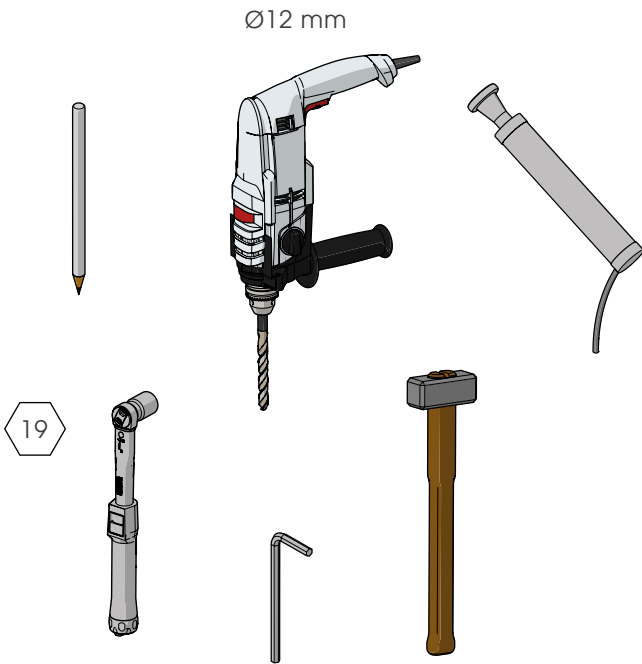


PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED



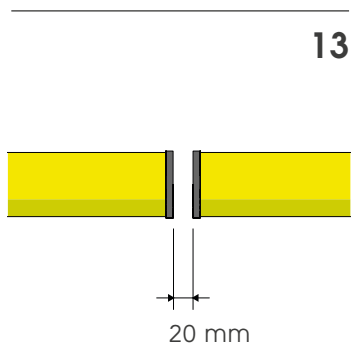
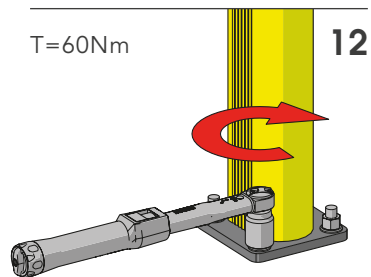
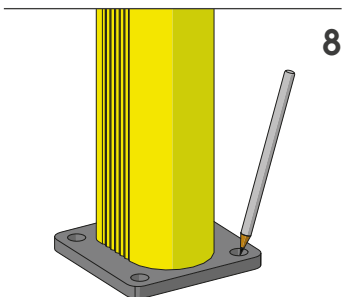
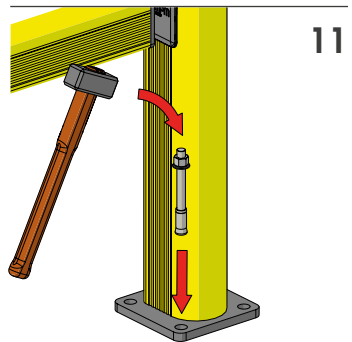
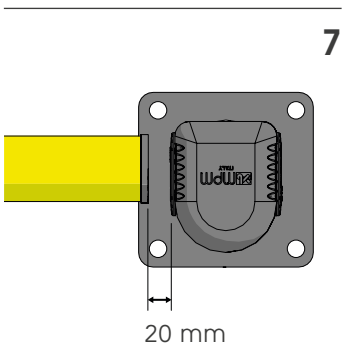
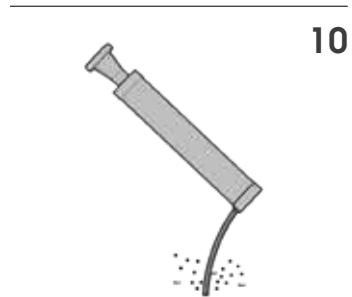
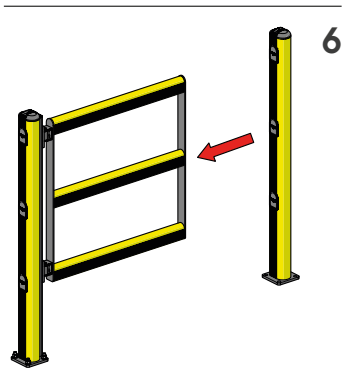
DP 90 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



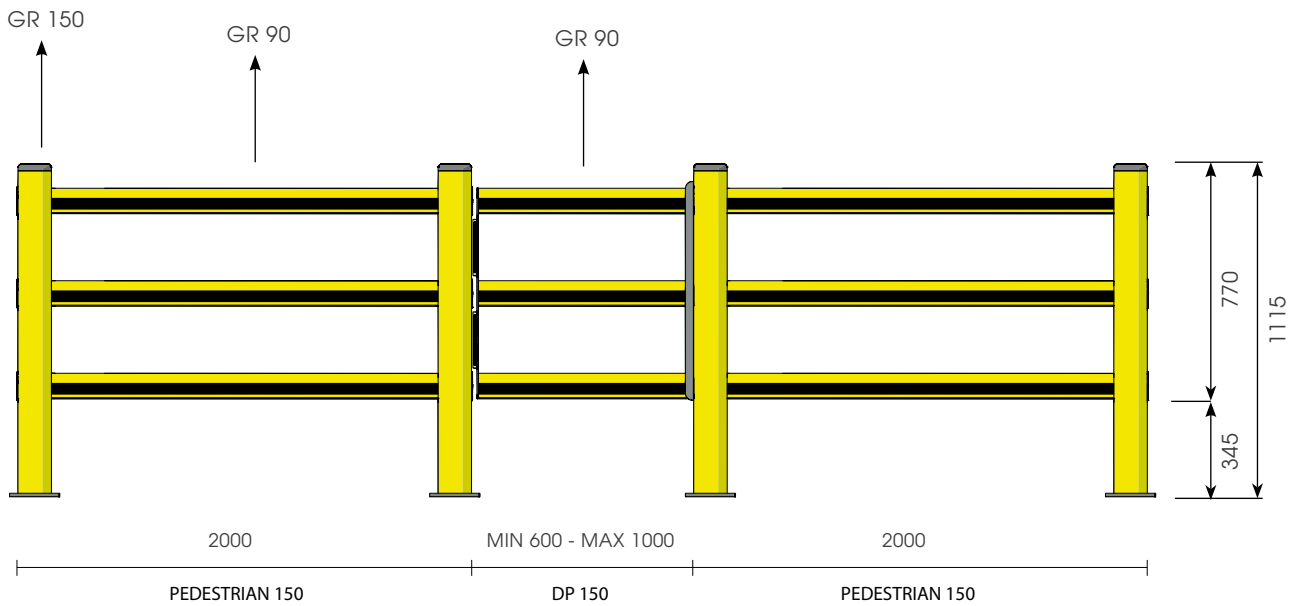
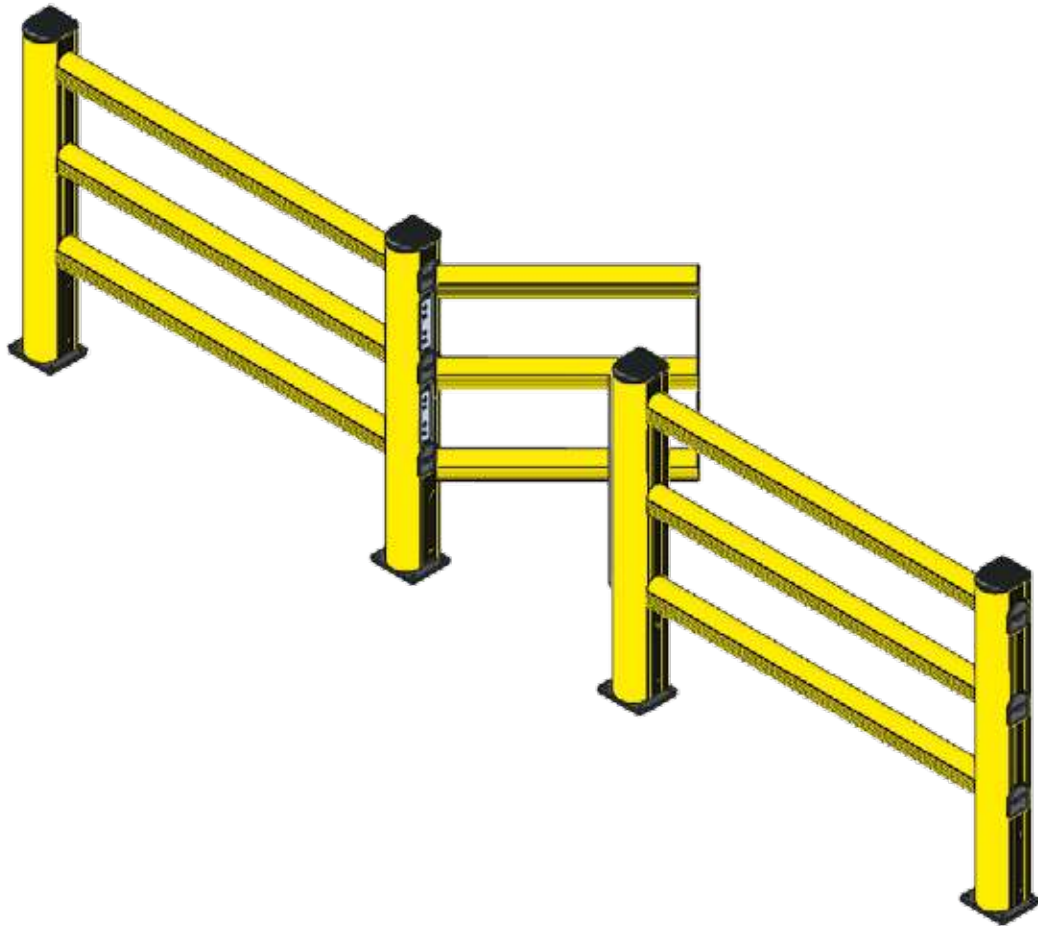
DP 90 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



DP 150 ONE WAY

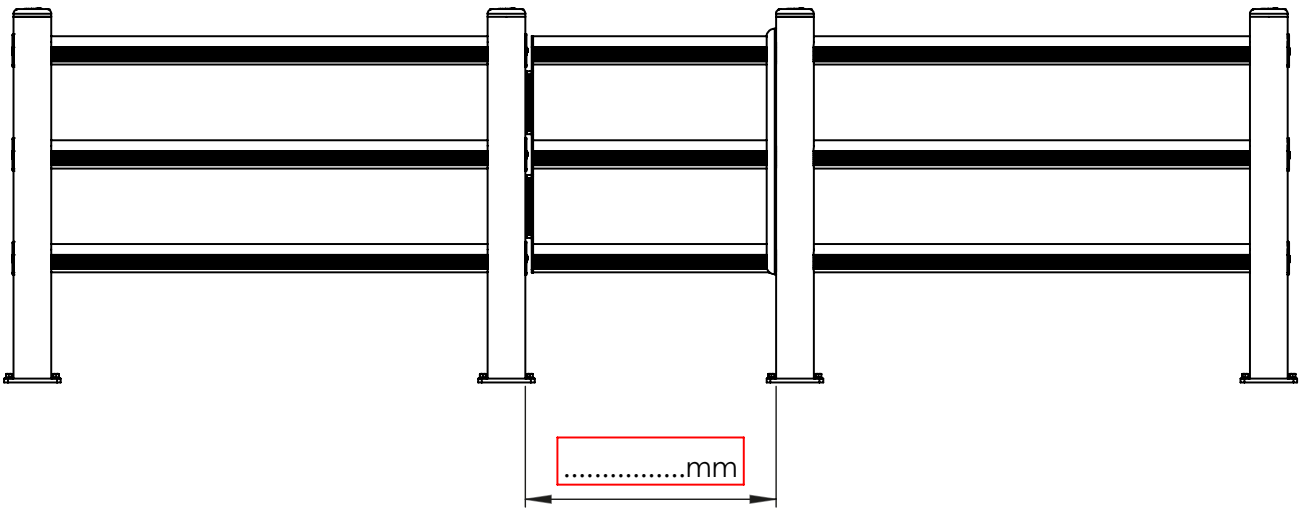
PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150



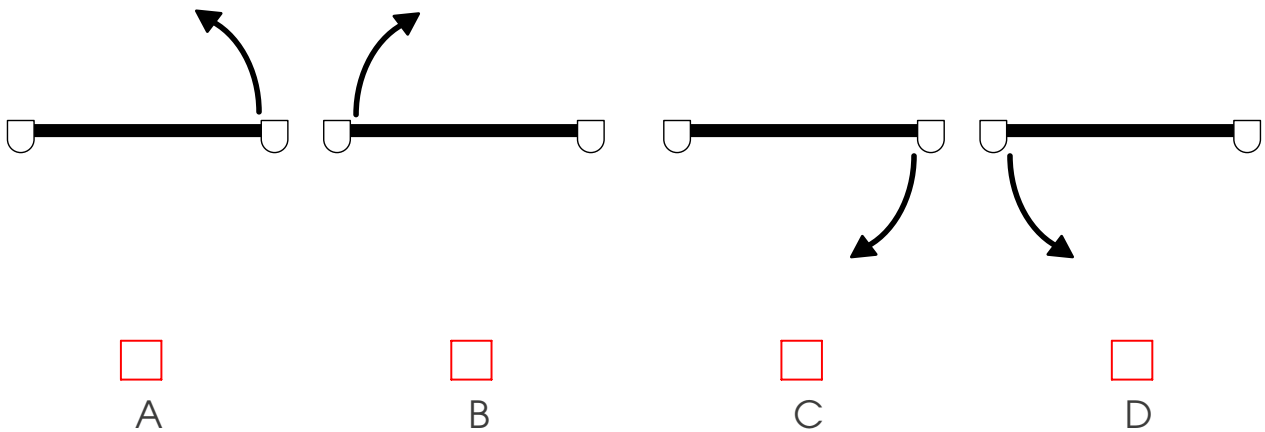
DP 150 ONE WAY

PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150

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

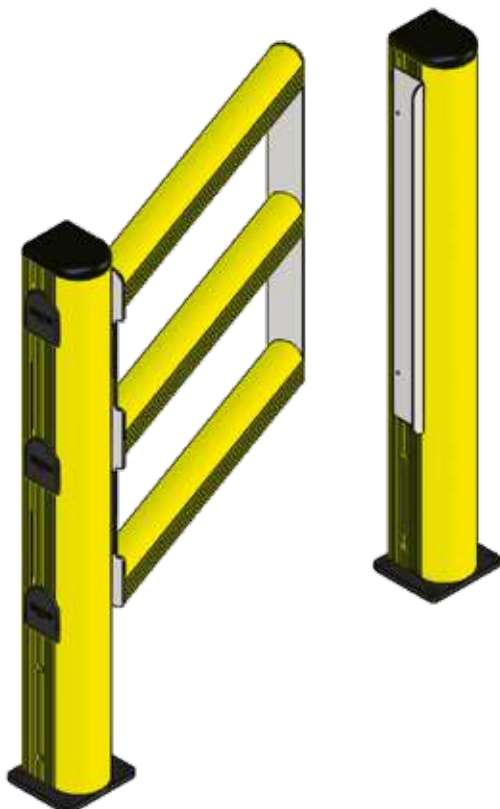
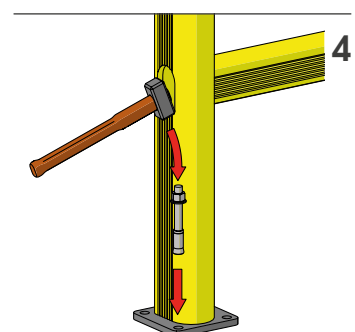
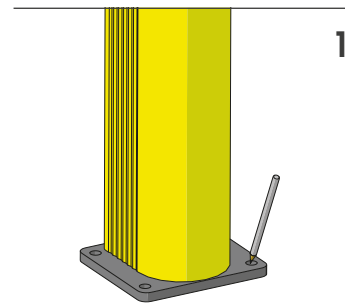
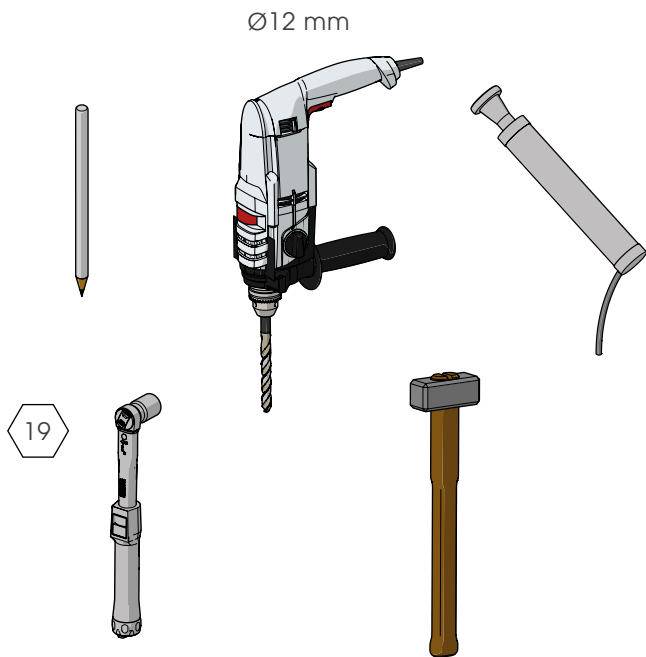


PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED



DP 150 ONE WAY

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

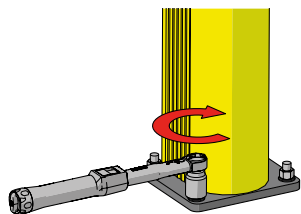


DP 150 ONE WAY

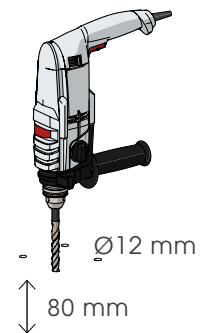
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

T=60Nm

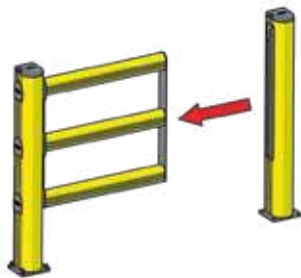
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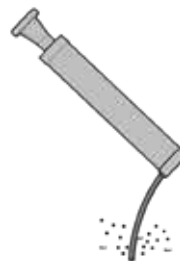
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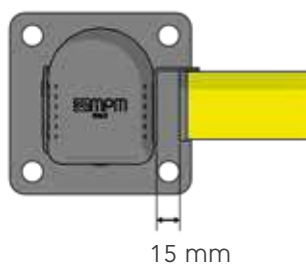
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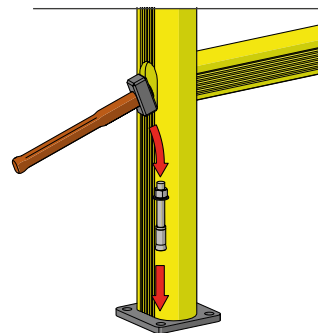
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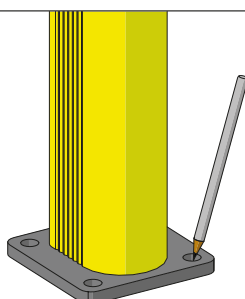
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11

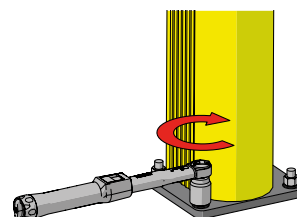


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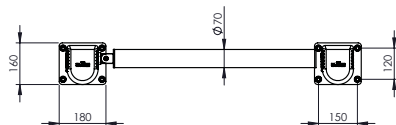
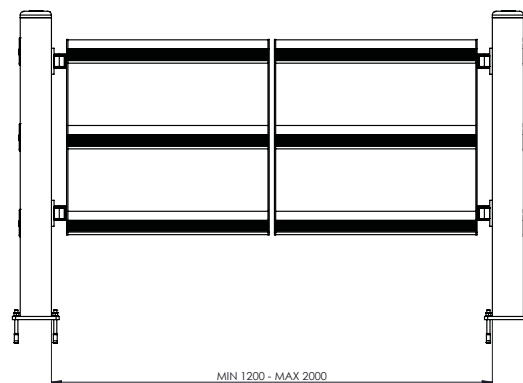
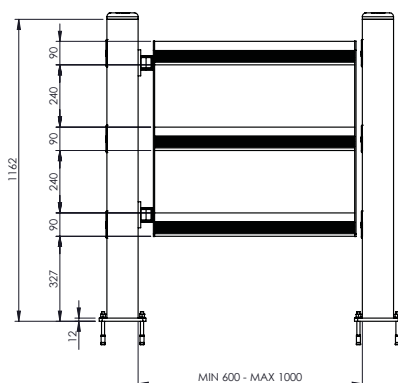
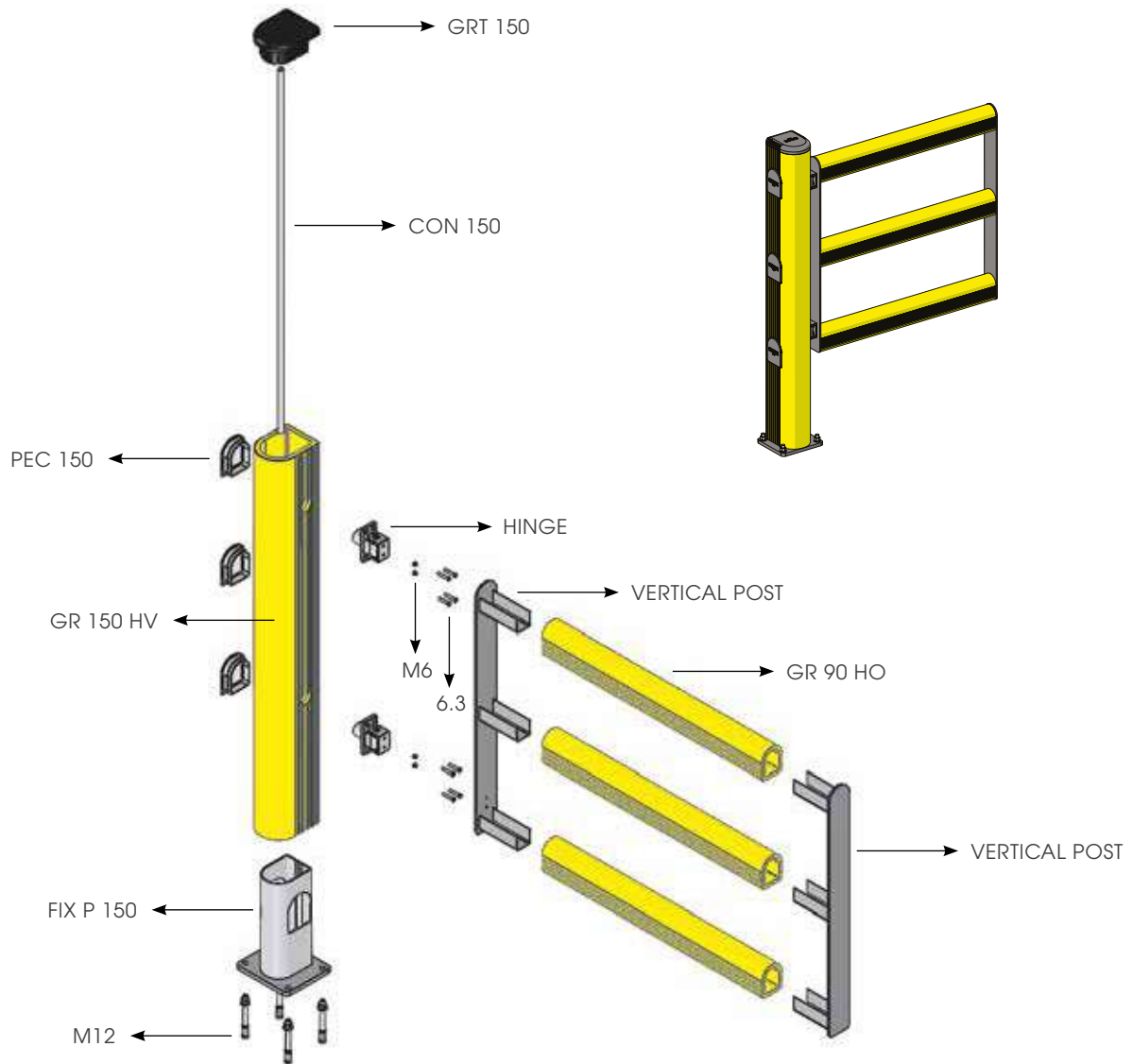
T=60Nm

12



DP 150 SWING

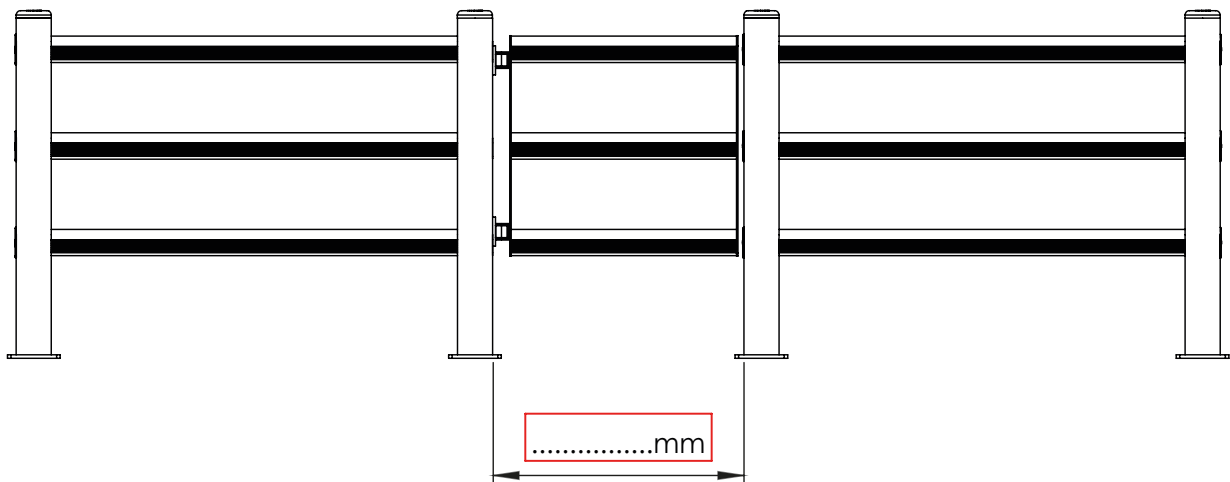
PORTA PEDESTRIAN 90
DOOR PEDESTRIAN 90



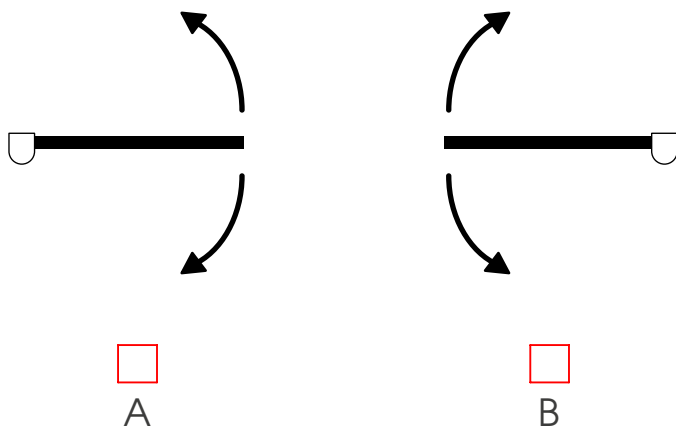
DP 150 SWING

PORTA PEDESTRIAN 150
DOOR PEDESTRIAN 150

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

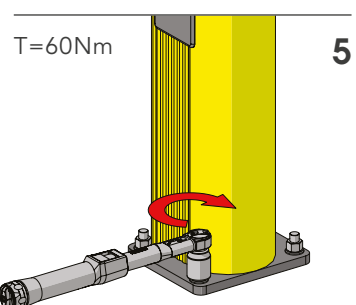
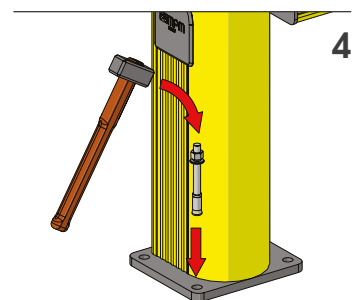
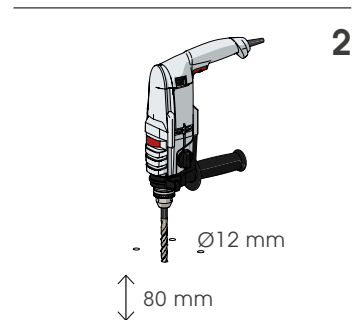
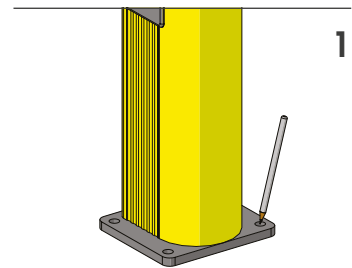
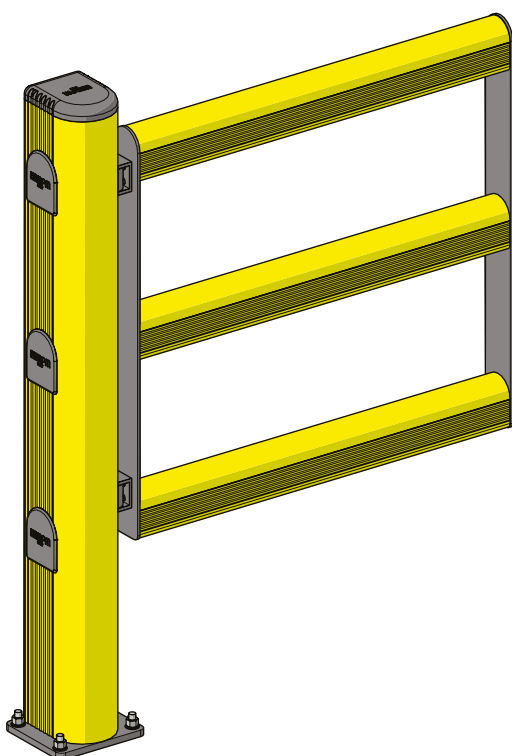
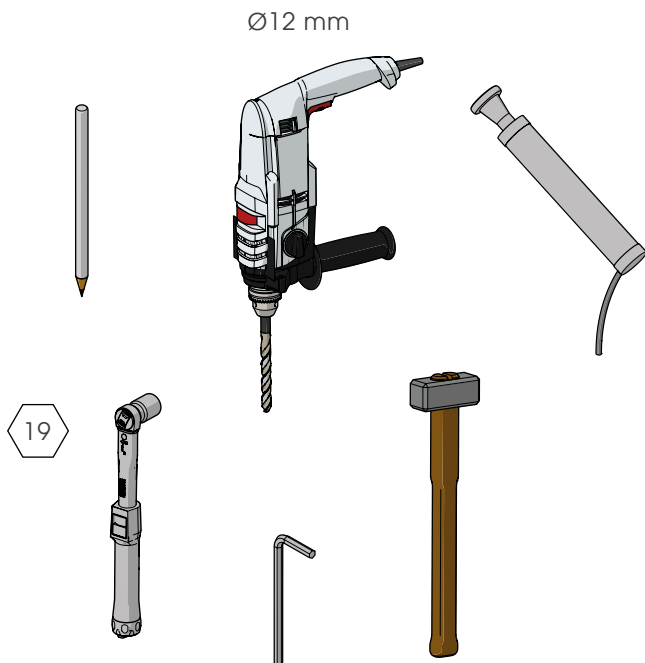


PLEASE CHECK HERE BELOW
WHICH DIRECTION OF OPENING YOU NEED



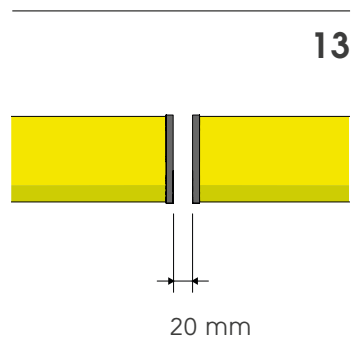
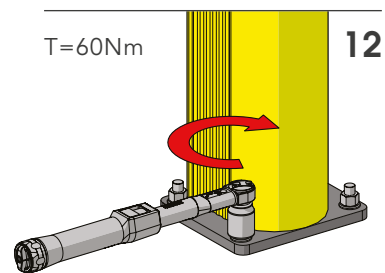
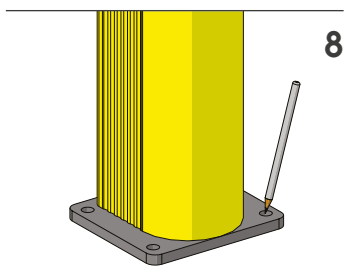
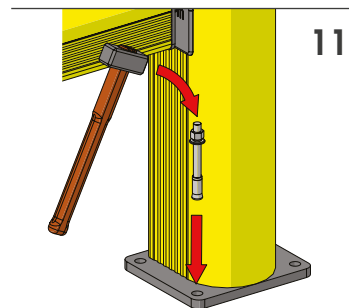
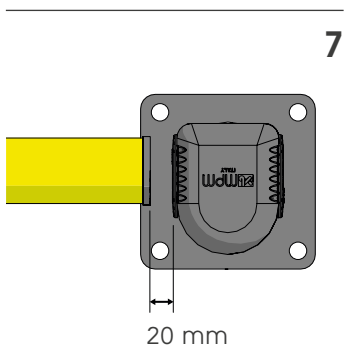
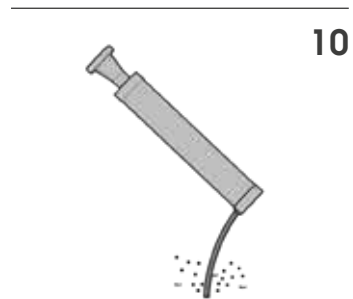
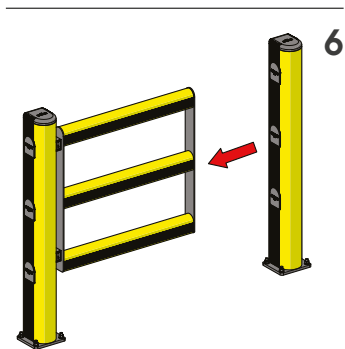
DP 150 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



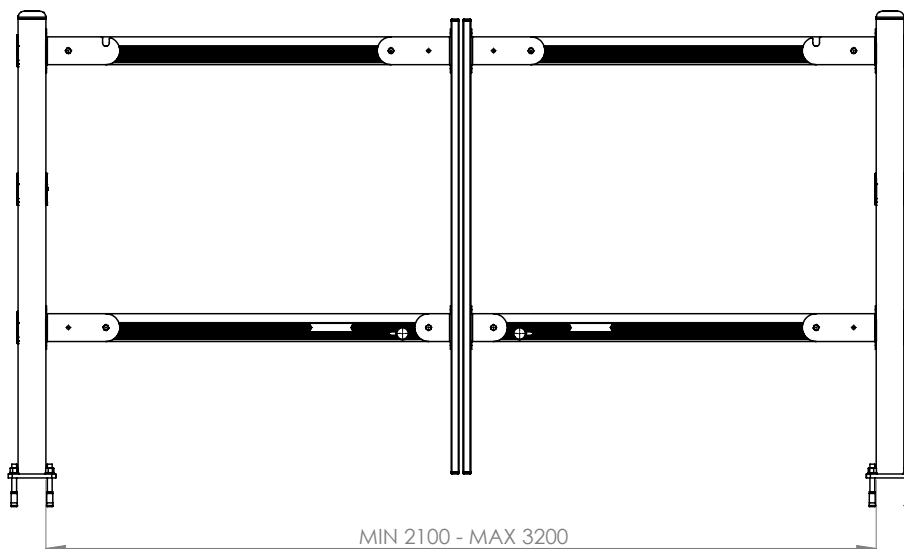
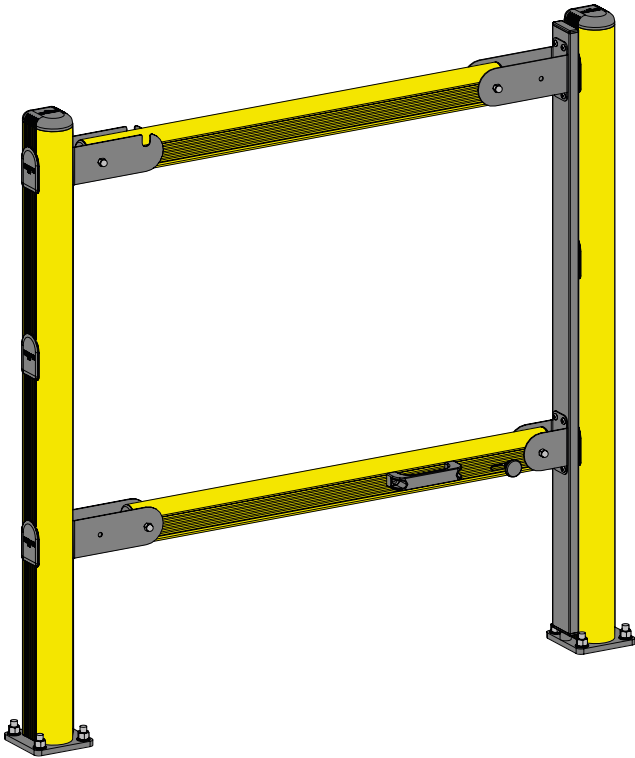
DP 150 SWING

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



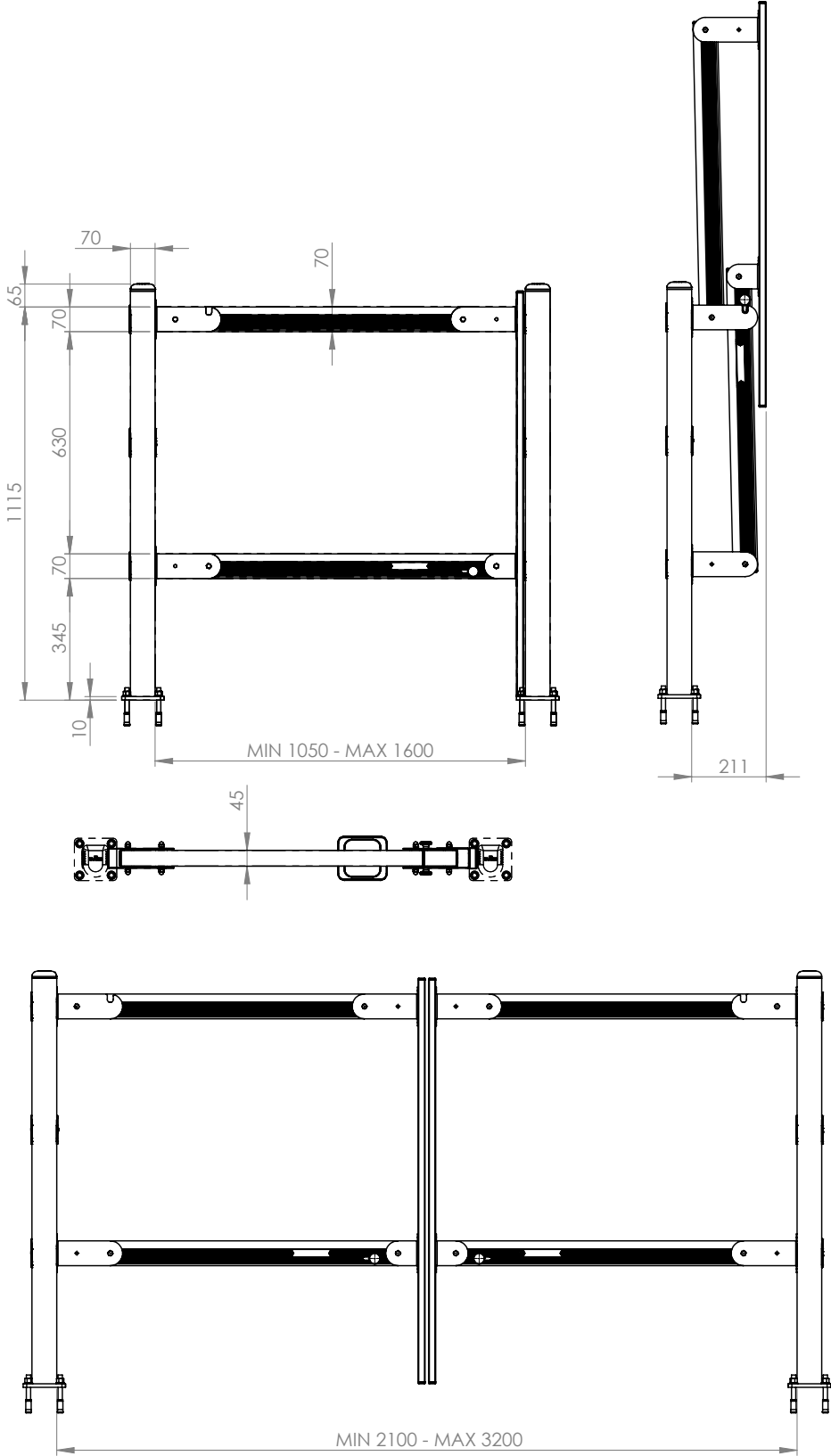
LIFT GATE 90

CANCELLO PEDESTRIAN 90
GATE FOR PEDESTRIAN 90



LIFT GATE 90

CANCELLO PEDESTRIAN 90
GATE FOR PEDESTRIAN 90

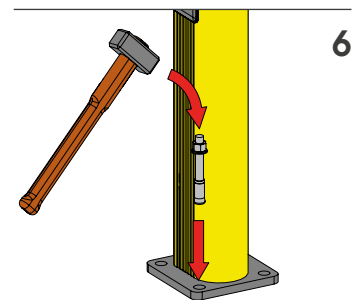
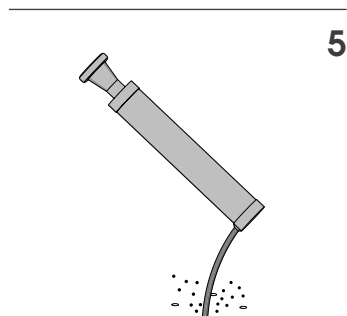
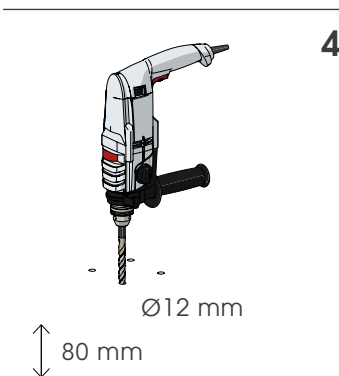
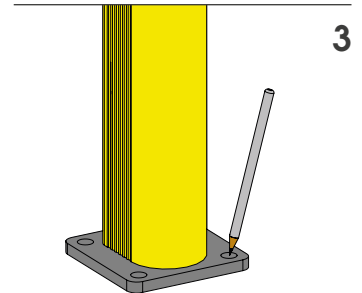
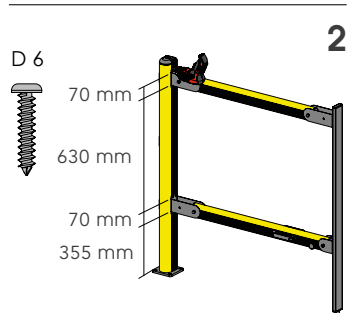
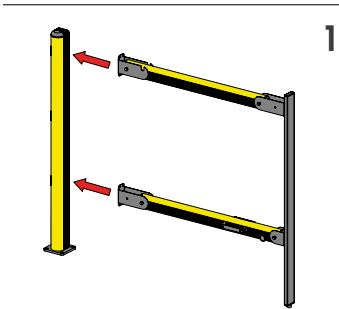
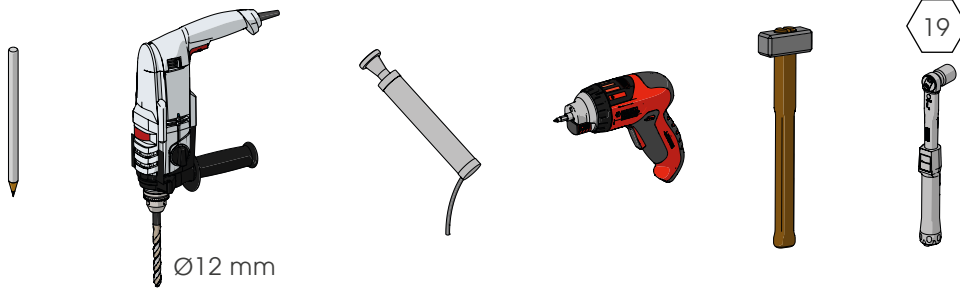


LIFT GATE 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

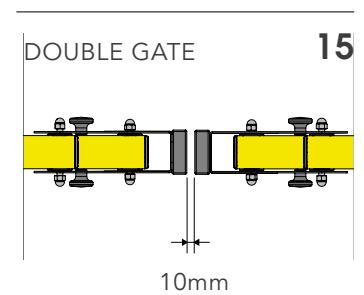
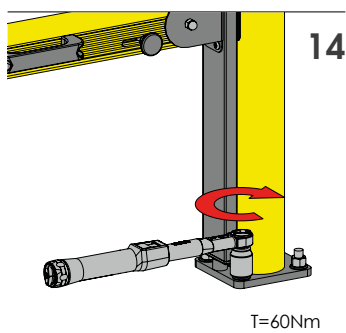
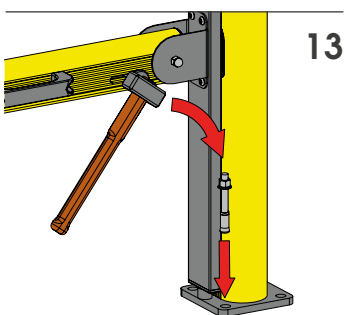
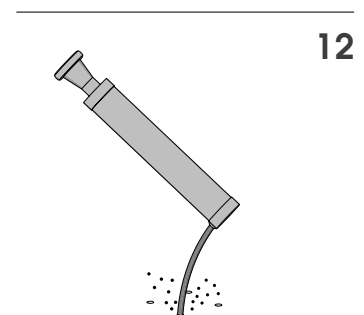
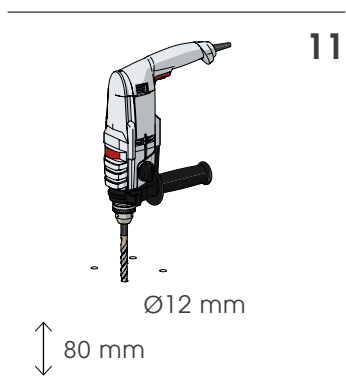
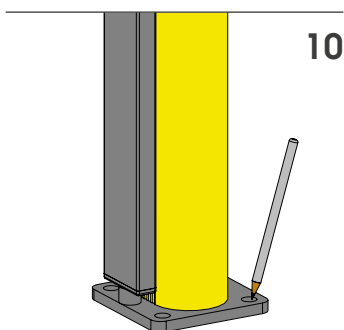
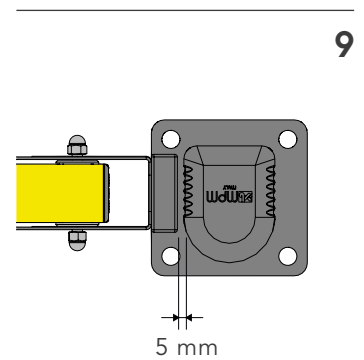
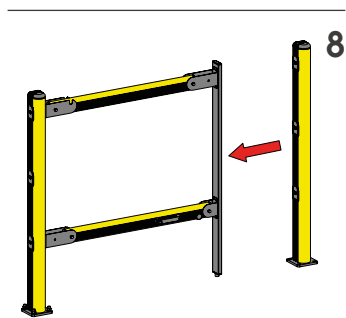
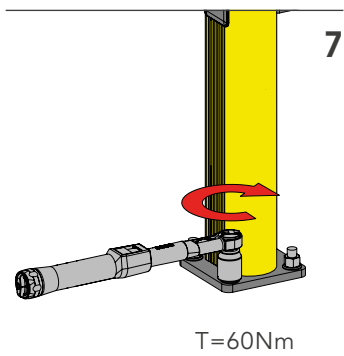
WARNING

The distance of installation depends on speed and weight of vehicle



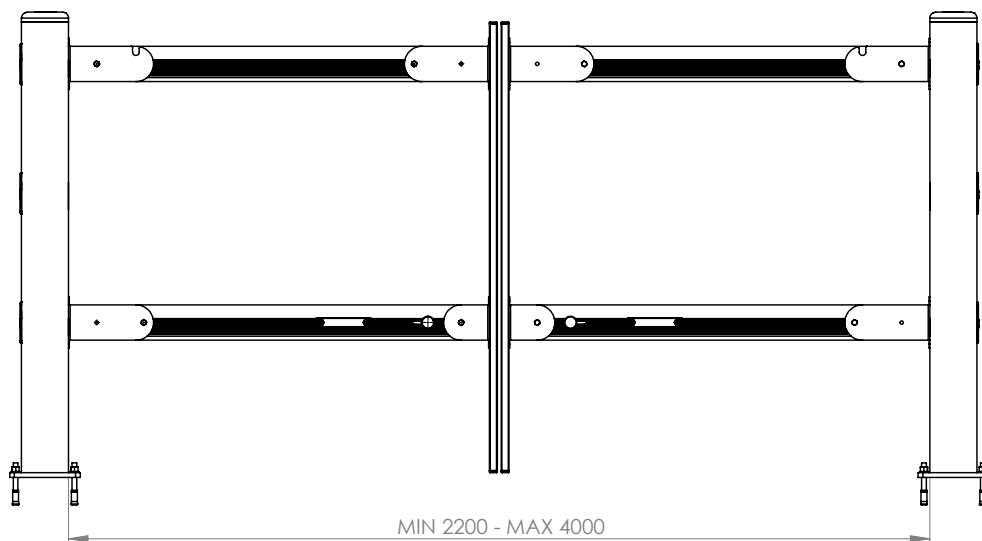
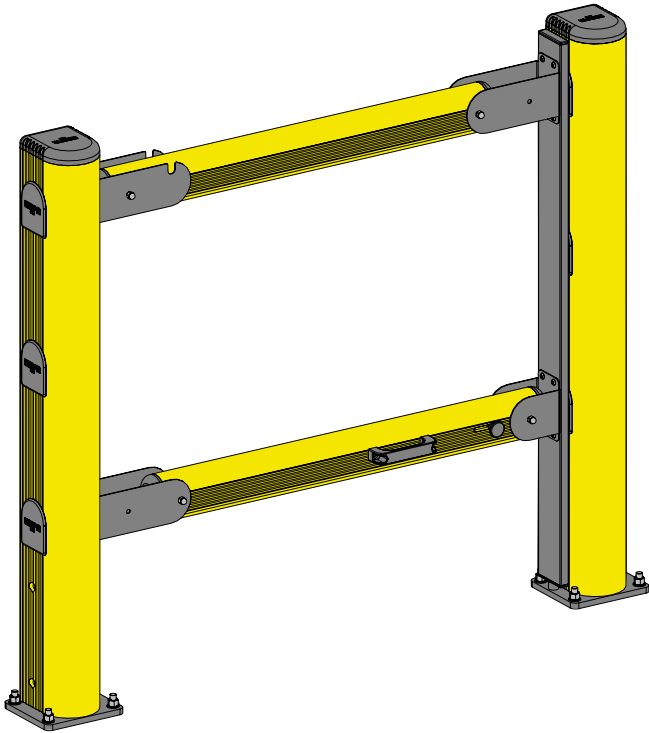
LIFT GATE 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



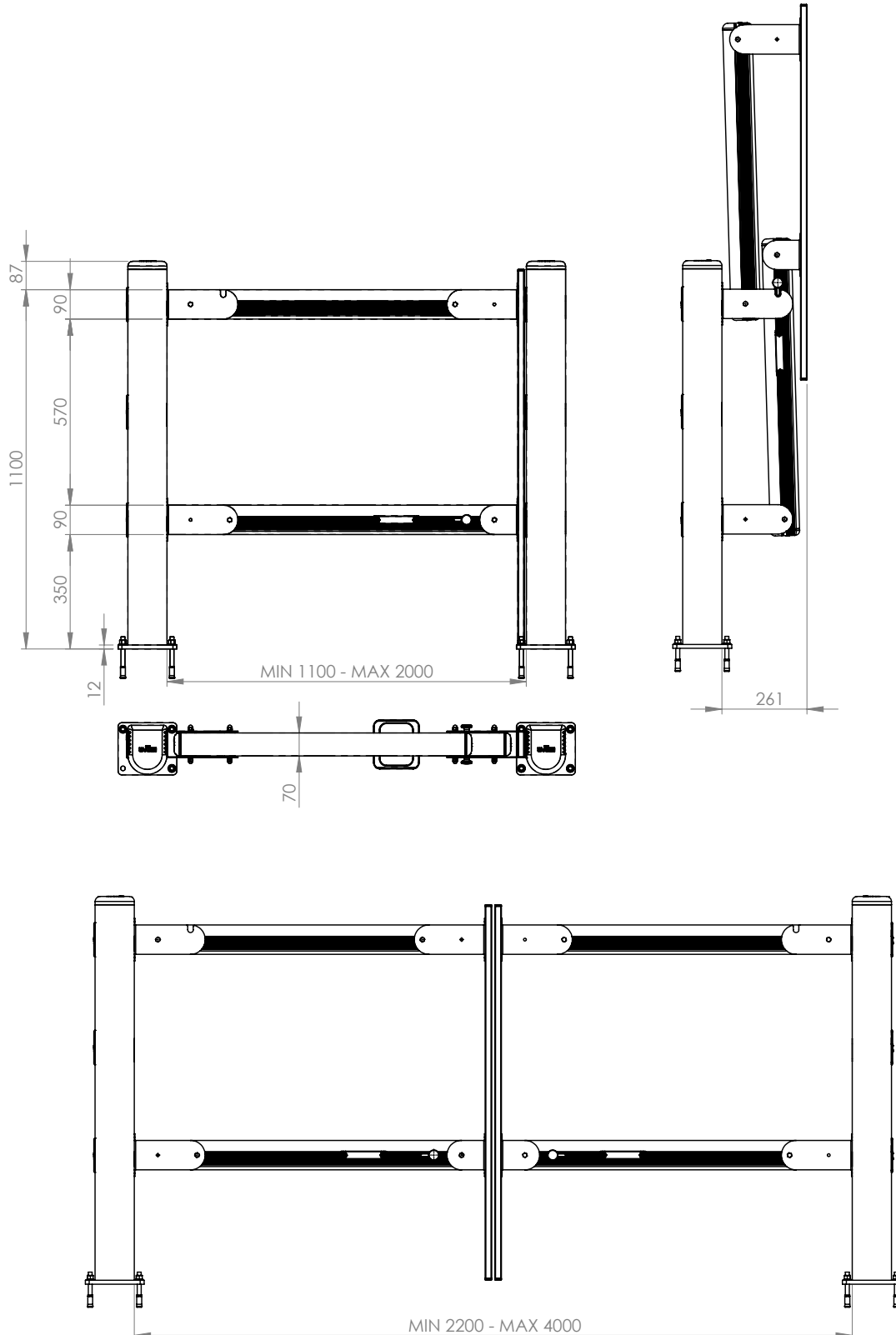
LIFT GATE 150

CANCELLO PEDESTRIAN 150
GATE FOR PEDESTRIAN 150



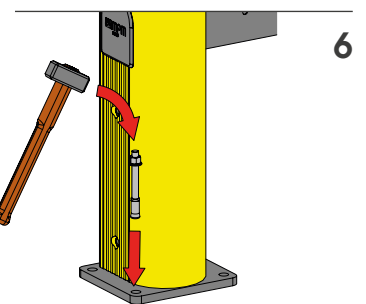
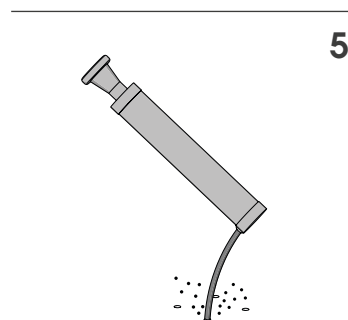
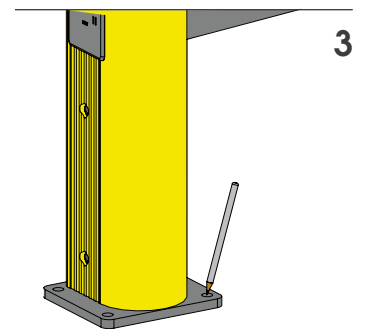
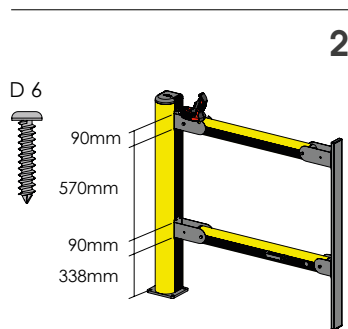
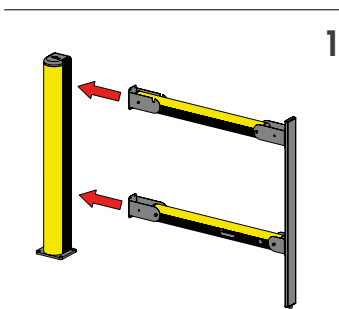
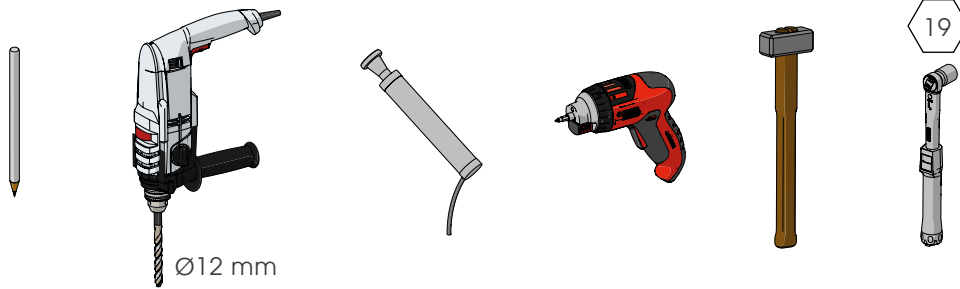
LIFT GATE 150

CANCELLO PEDESTRIAN 150
GATE FOR PEDESTRIAN 150



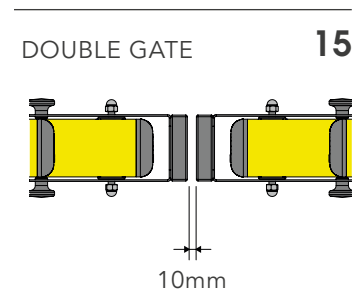
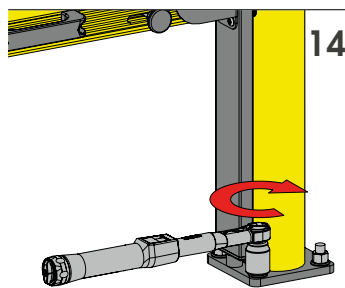
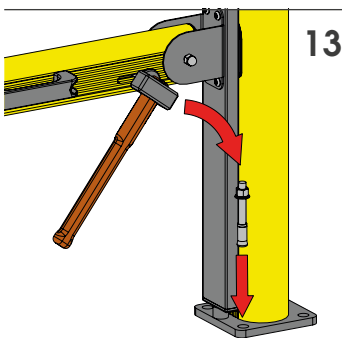
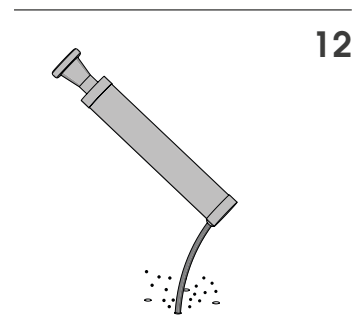
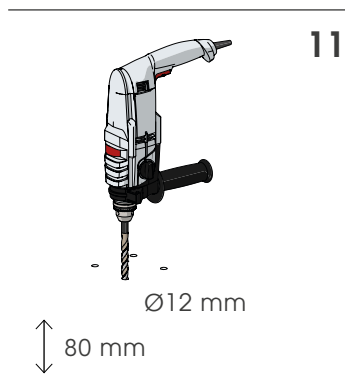
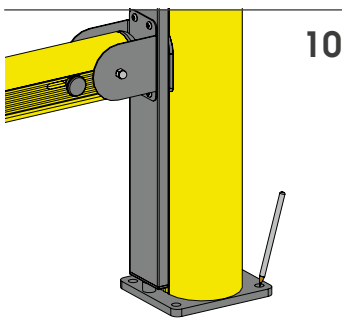
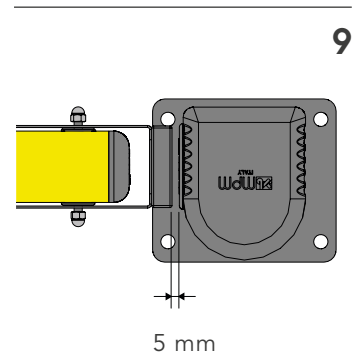
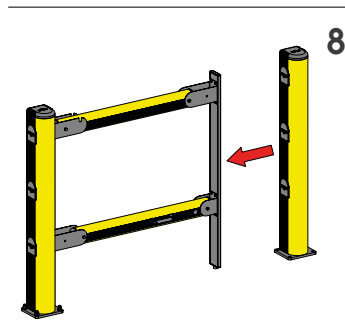
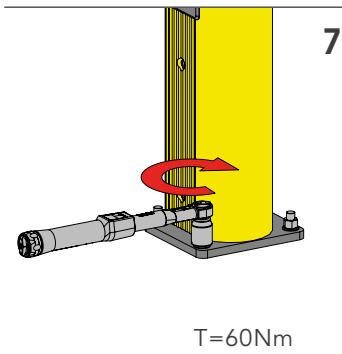
LIFT GATE 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



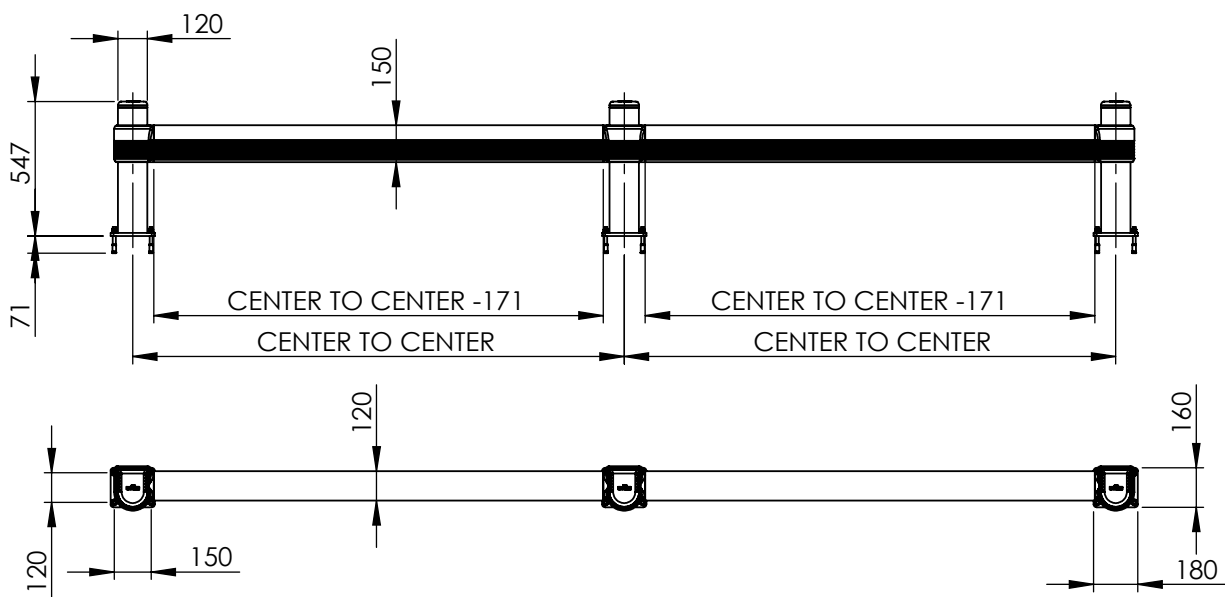
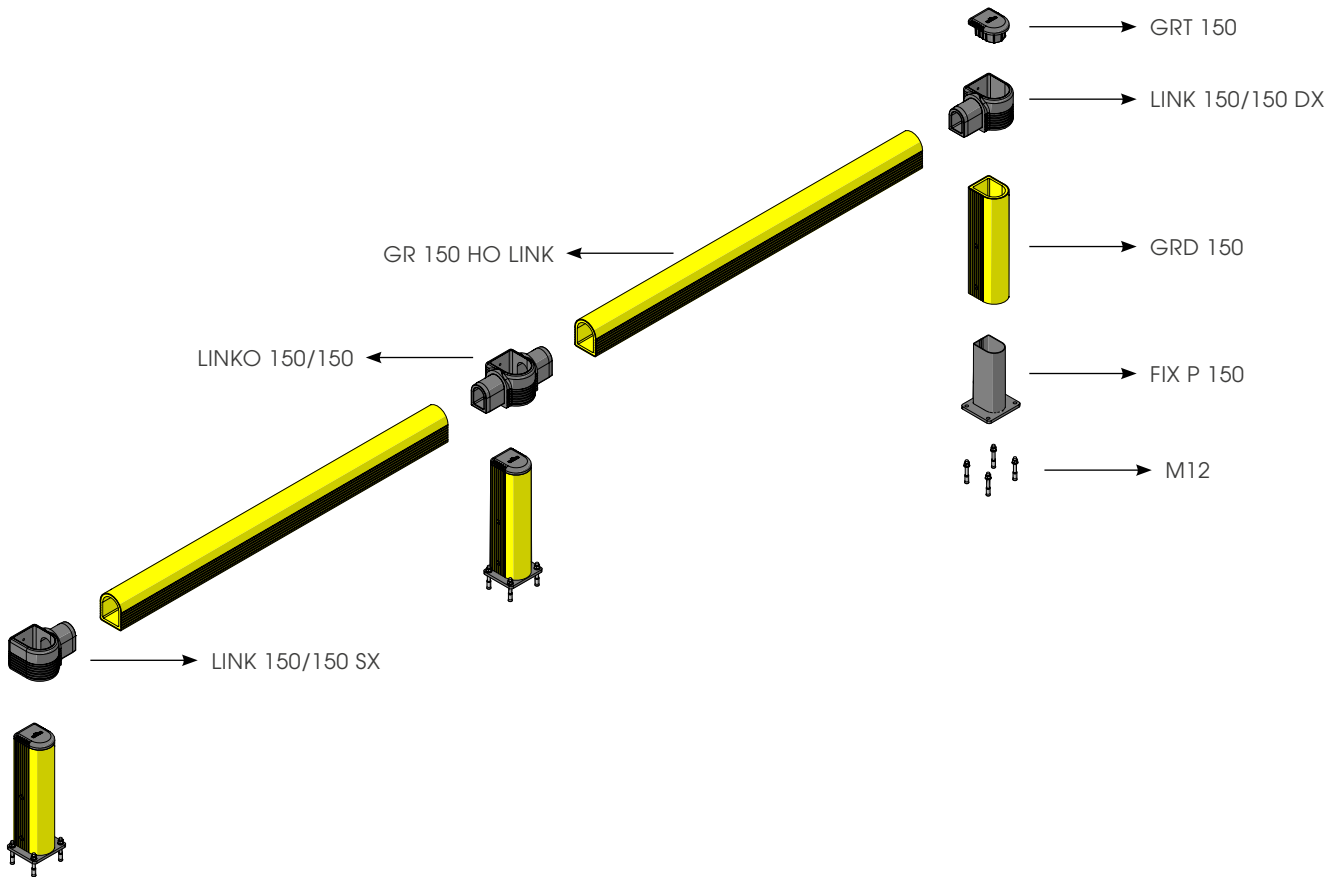
LIFT GATE 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



LINK SINGLE

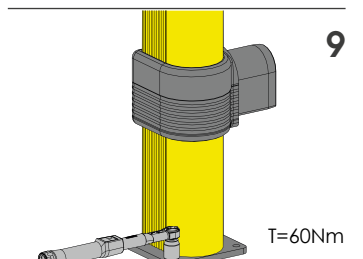
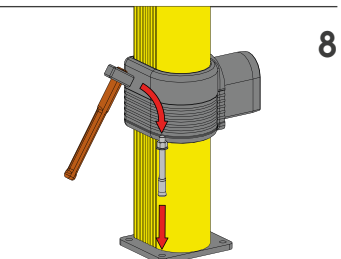
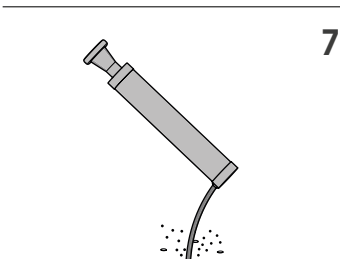
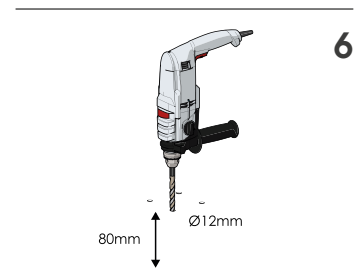
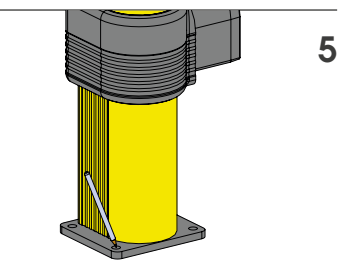
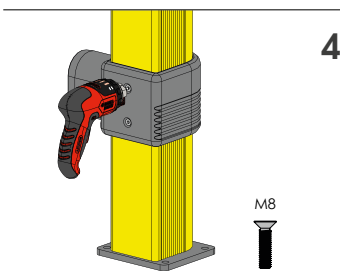
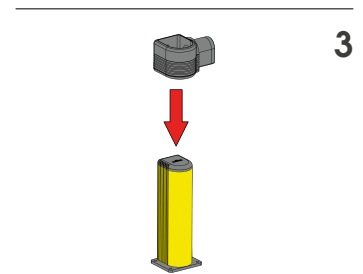
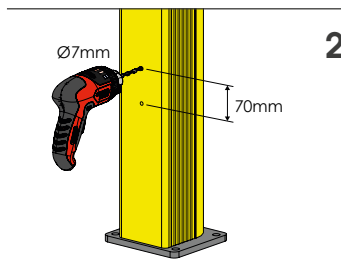
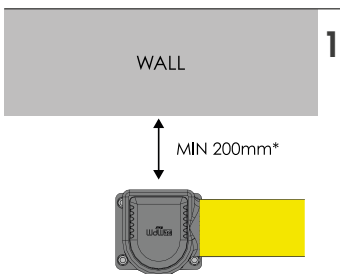
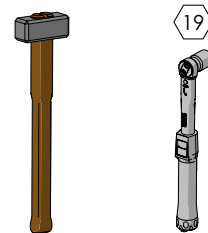
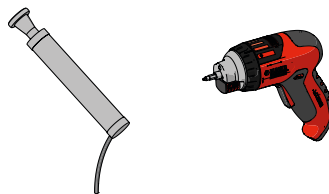
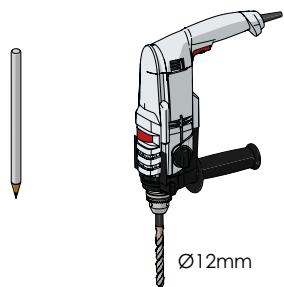
GUARD RAIL A SINGOLA BARRIERA REGOLABILE
ADJUSTABLE SINGLE RAIL BARRIER



LINK SINGLE

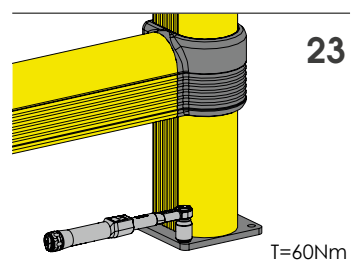
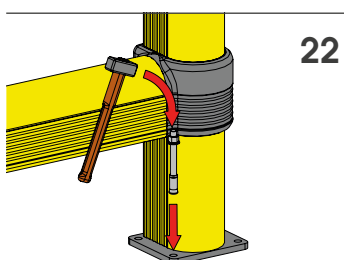
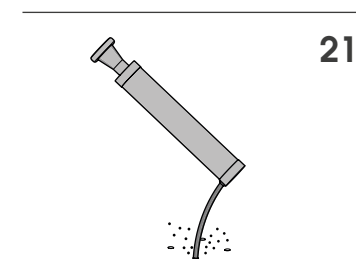
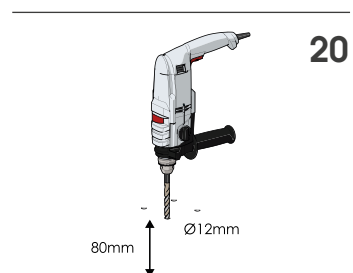
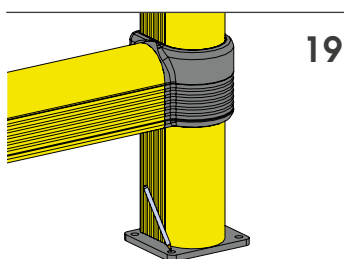
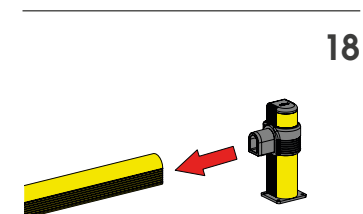
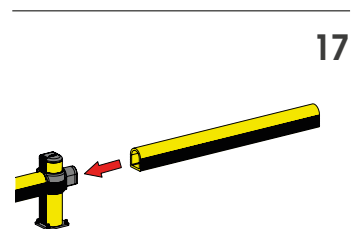
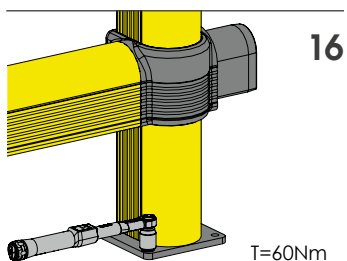
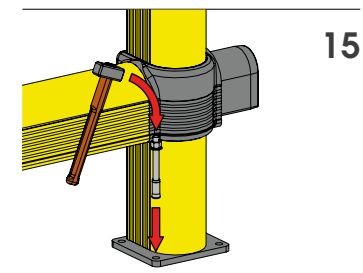
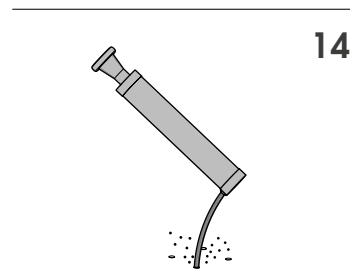
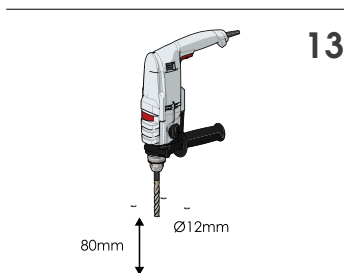
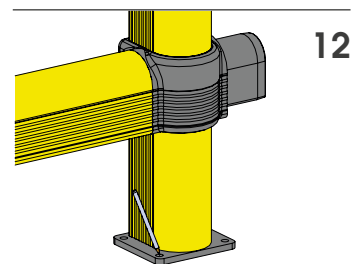
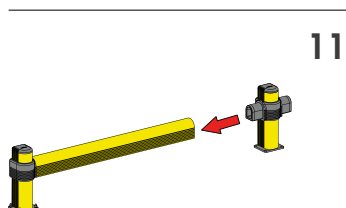
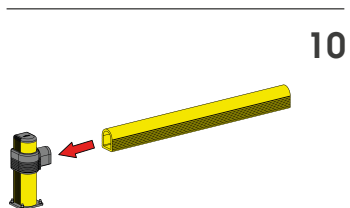
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

WARNING | The distance of installation depends on speed and weight of vehicle
| The product is equipped with screws M8



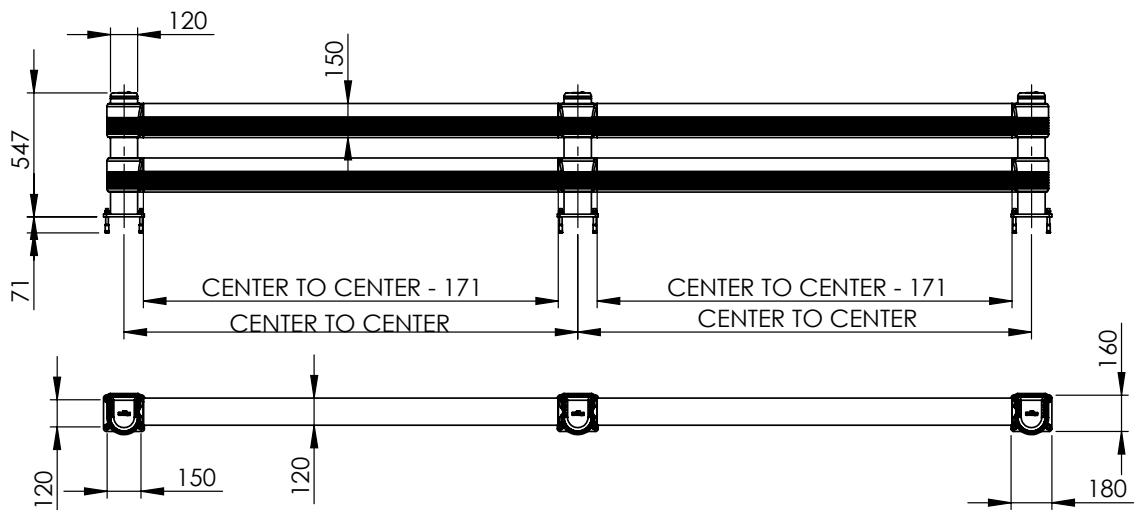
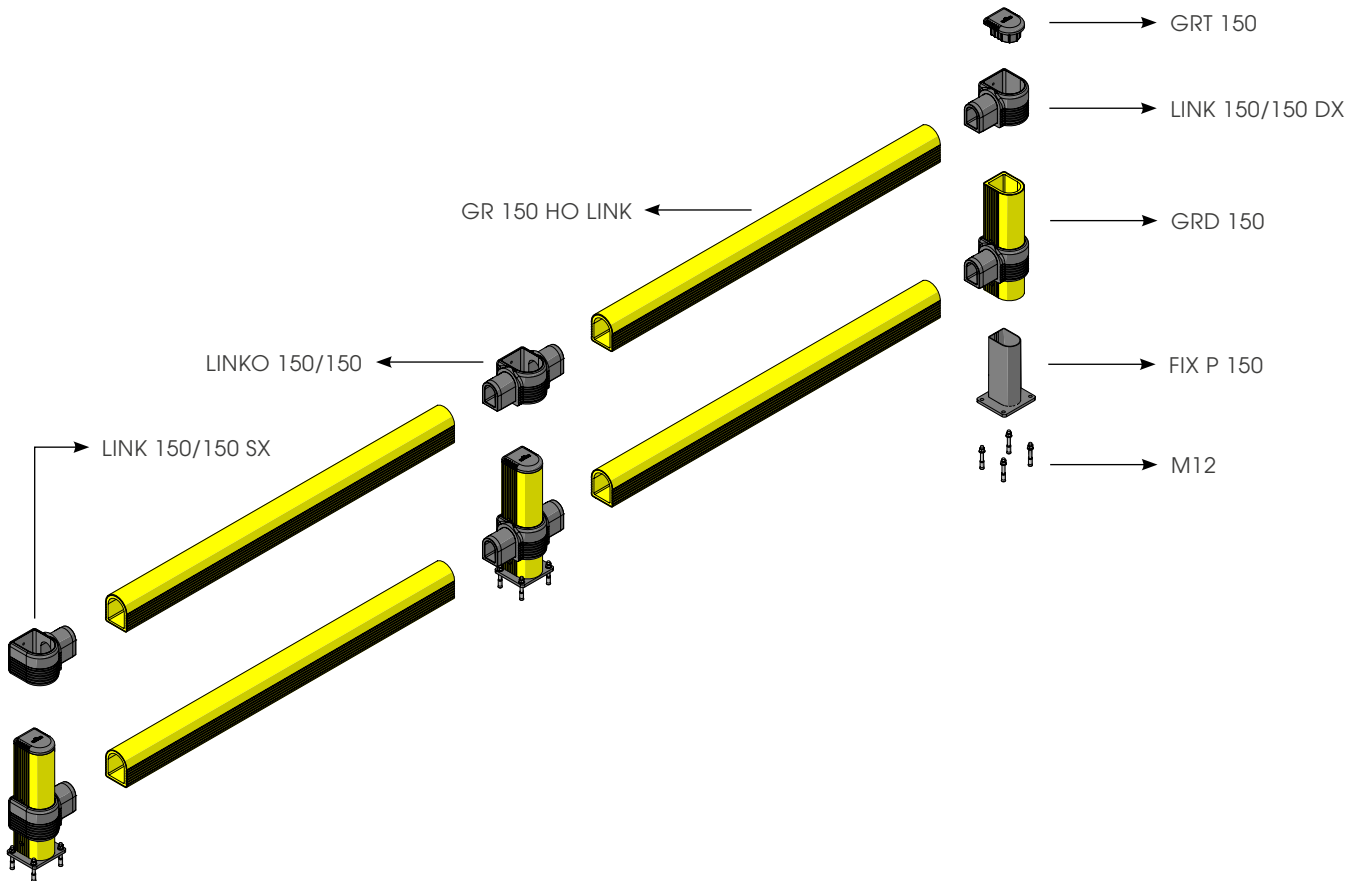
LINK SINGLE

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



LINK LM

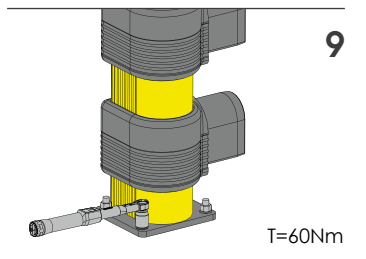
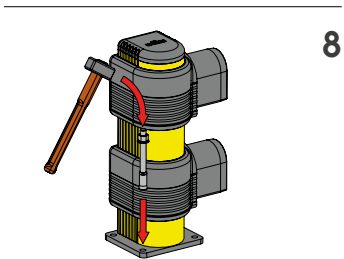
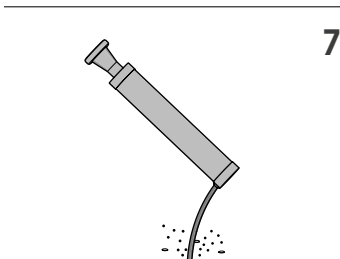
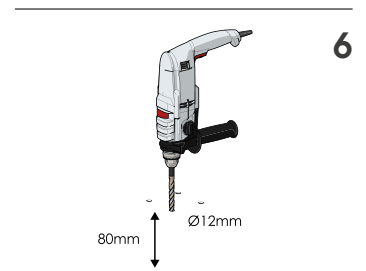
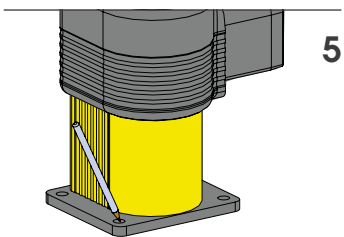
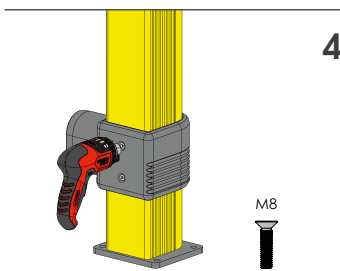
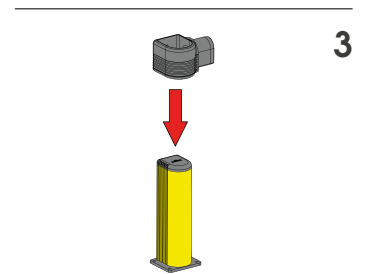
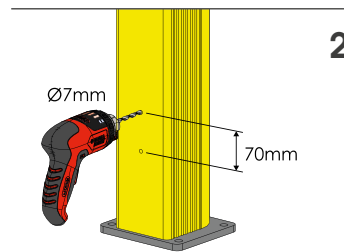
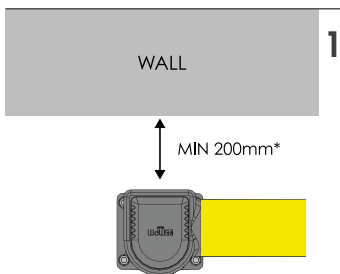
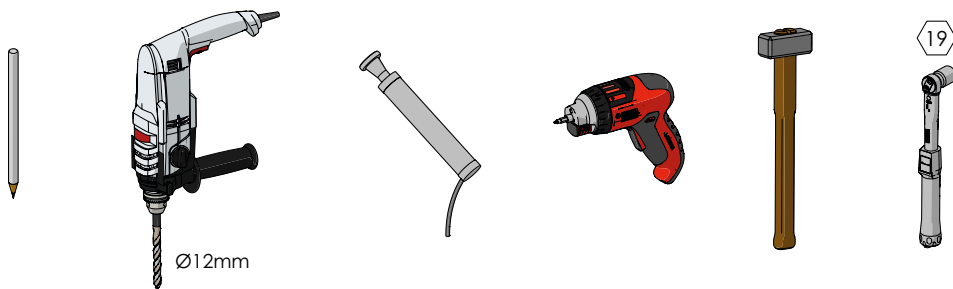
GUARD RAIL A DOPPIA BARRIERA REGOLABILE
ADJUSTABLE DOUBLE RAIL BARRIER



LINK LM

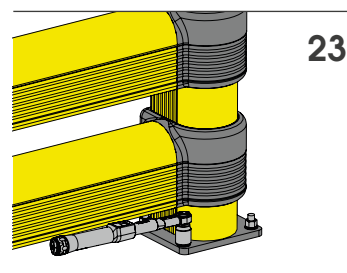
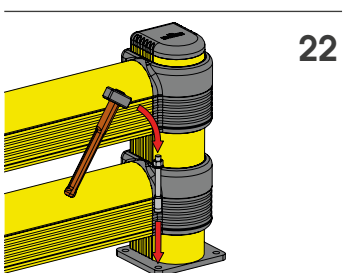
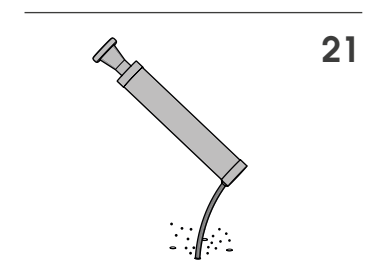
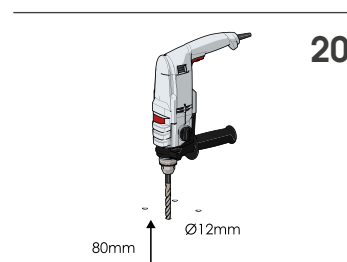
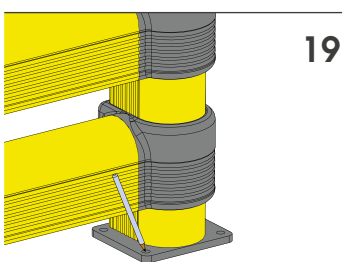
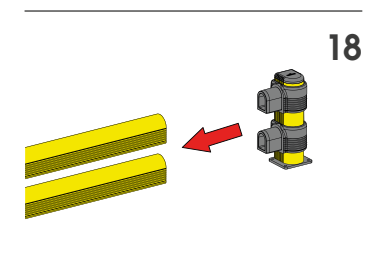
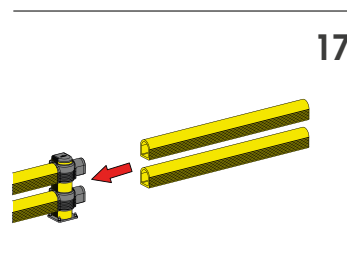
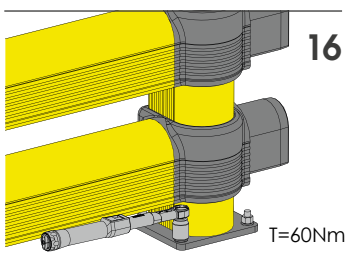
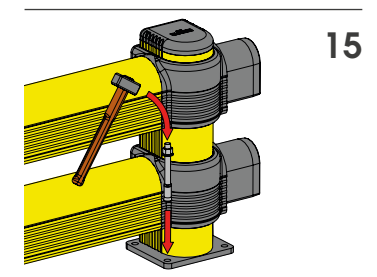
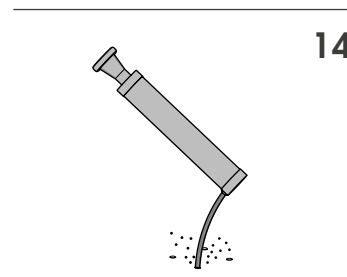
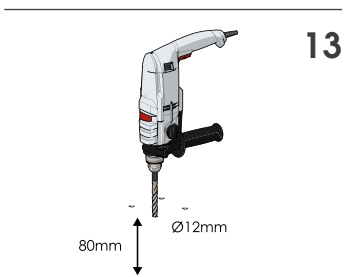
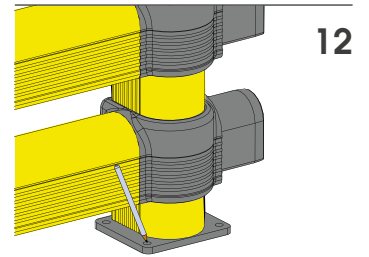
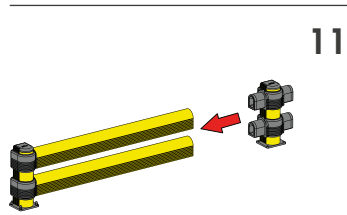
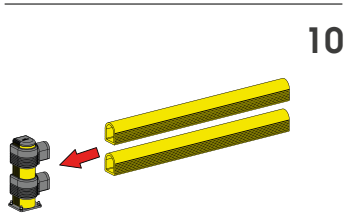
ISTRUZIONI DI INSTALLAZIONE ASSEMBLY INSTRUCTIONS

WARNING | The distance of installation depends on speed and weight of vehicle
 | The product is equipped with screws M8



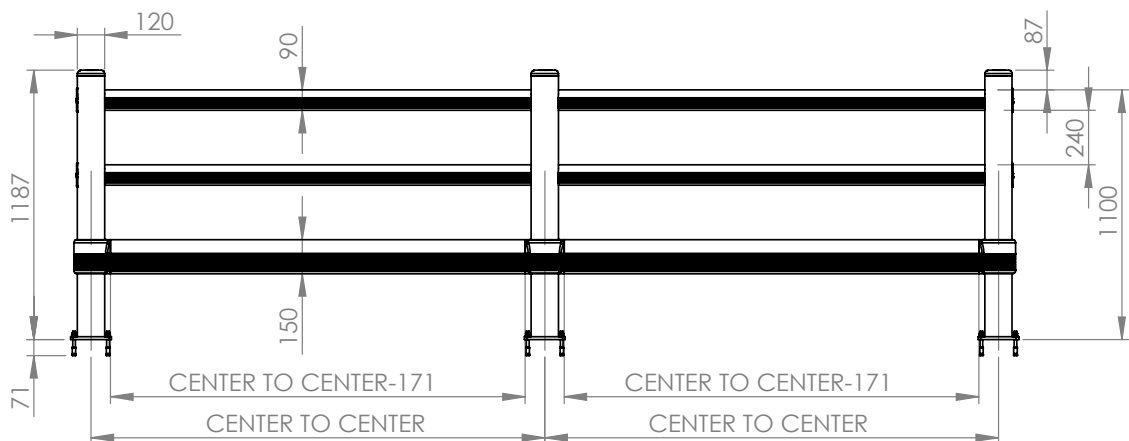
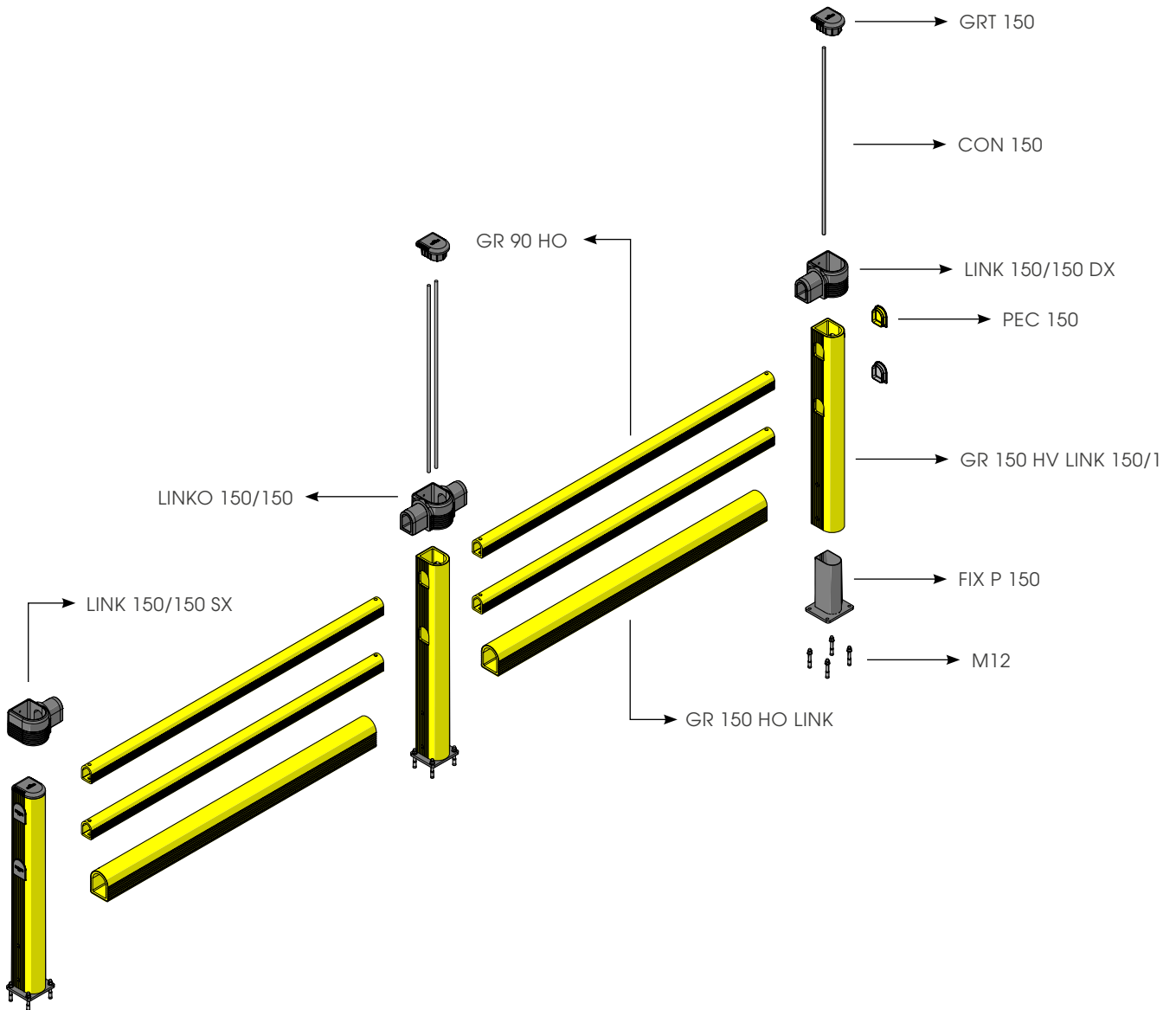
LINK LM

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



LINK 150/1

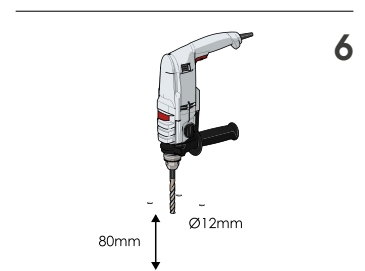
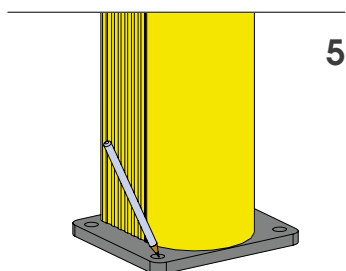
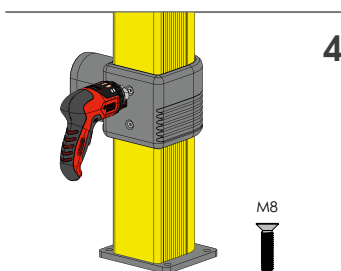
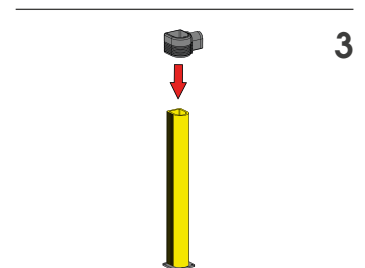
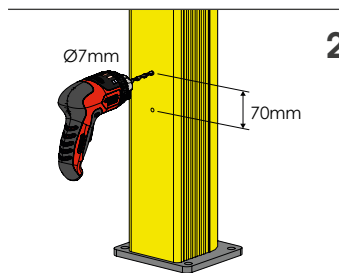
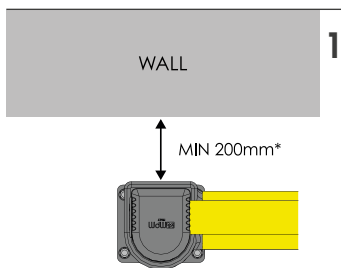
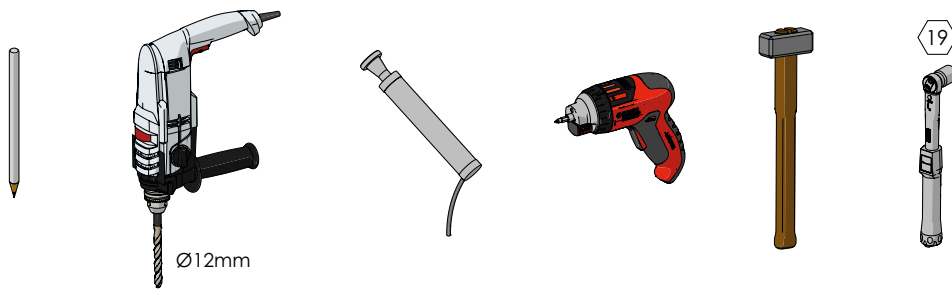
BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER



LINK 150/1

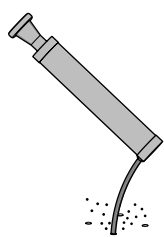
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

WARNING | The distance of installation depends on speed and weight of vehicle
| The product is equipped with screws M8

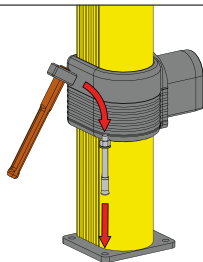


LINK 150/1

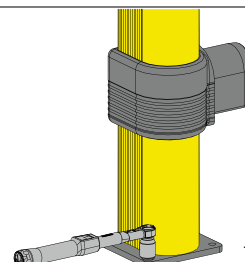
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



7

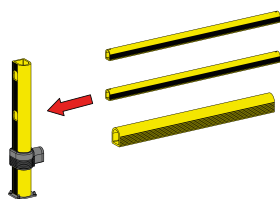


8

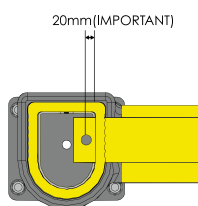


9

T=60Nm

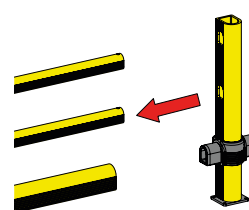


10

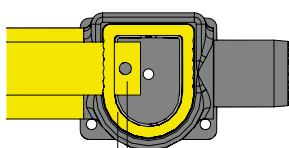


20mm (IMPORTANT)

11

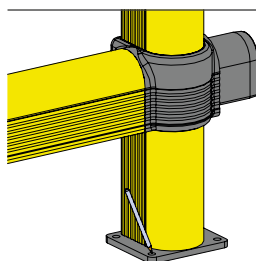


12

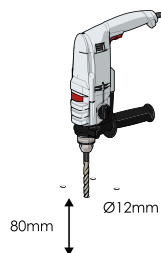


13

20mm (IMPORTANT)



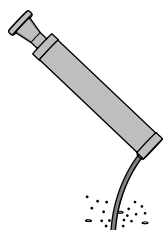
14



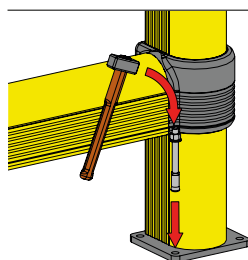
15

80mm

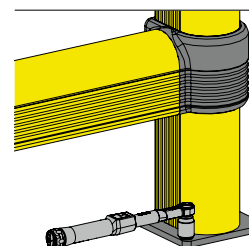
Ø12mm



16



17

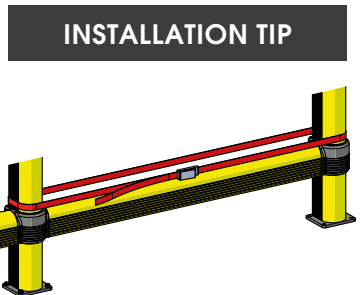
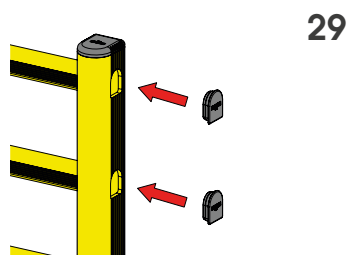
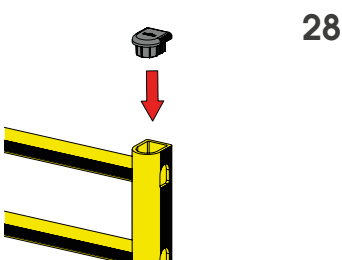
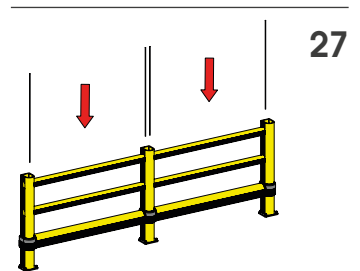
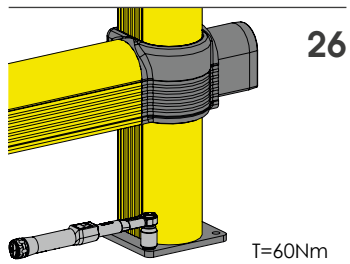
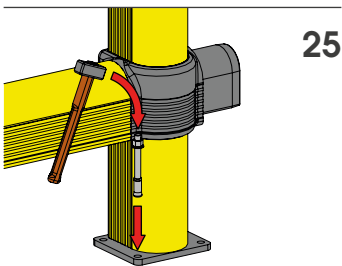
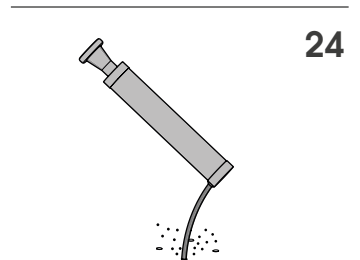
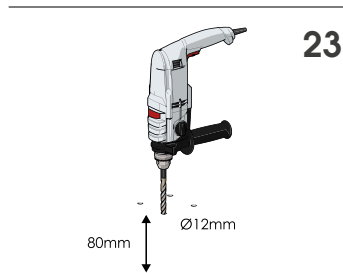
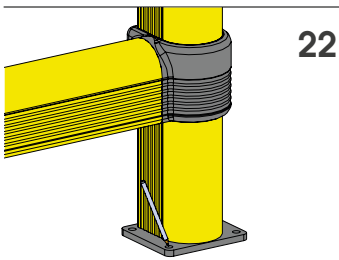
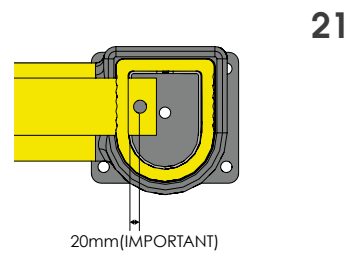
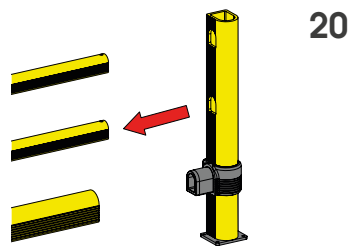
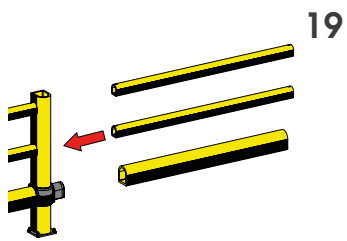


18

T=60Nm

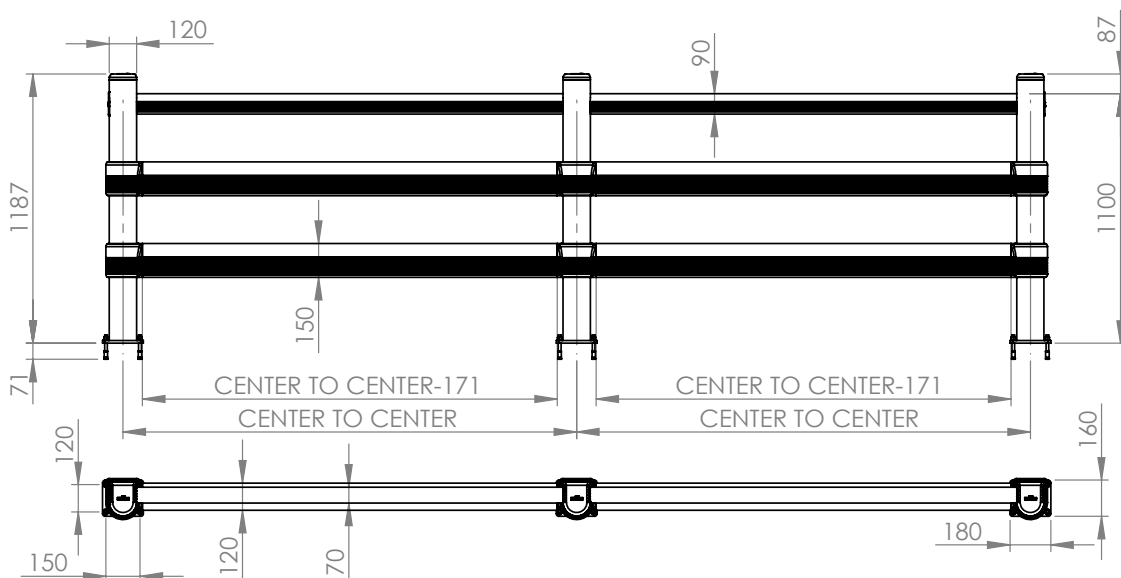
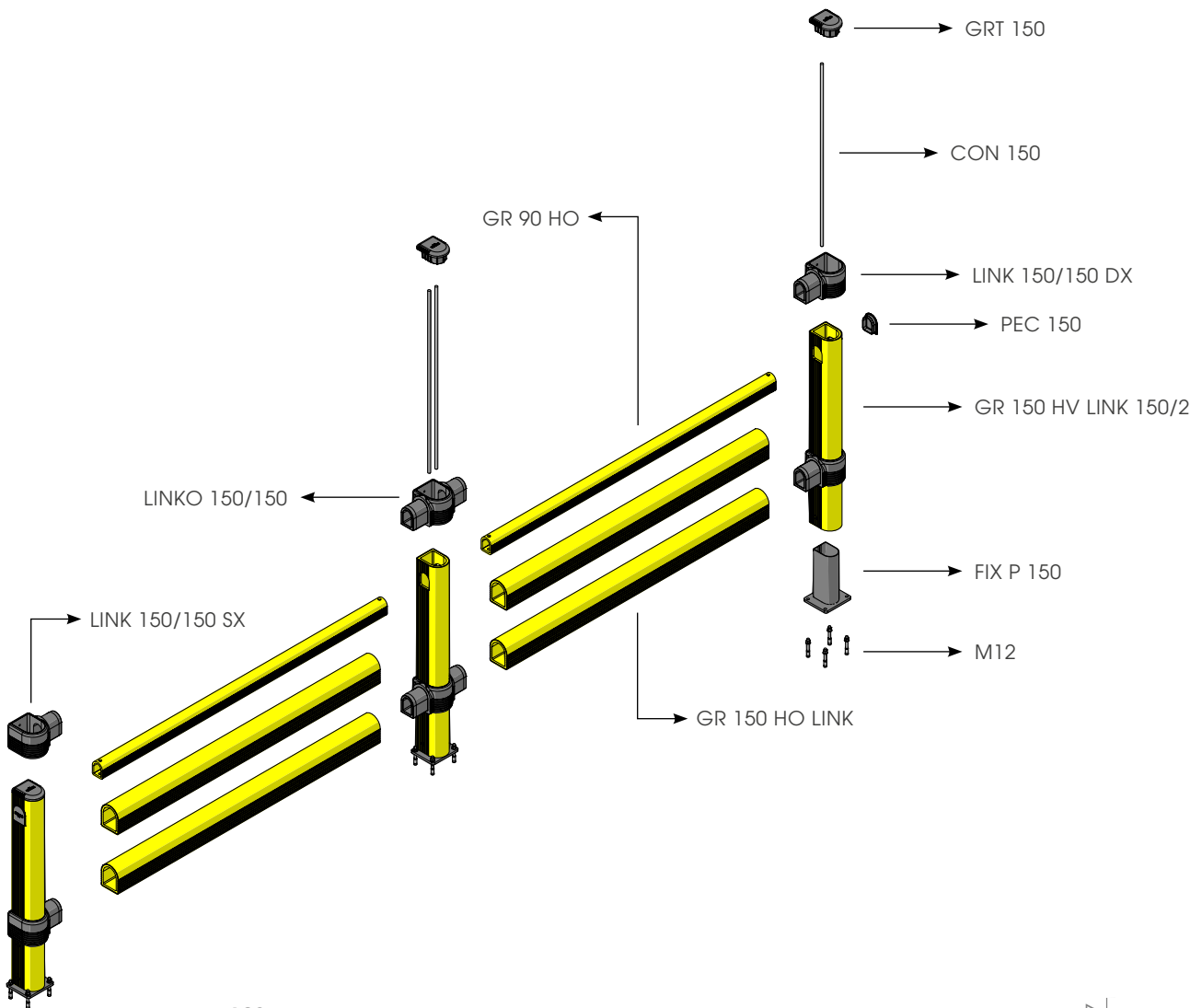
LINK 150/1

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



LINK 150/2

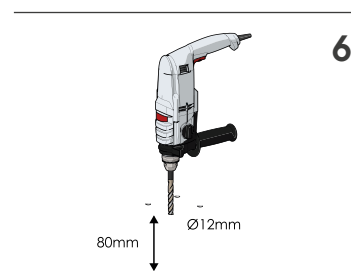
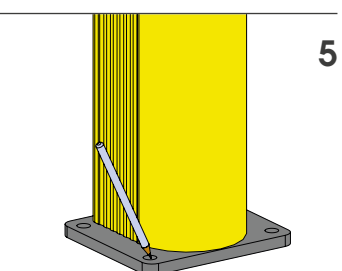
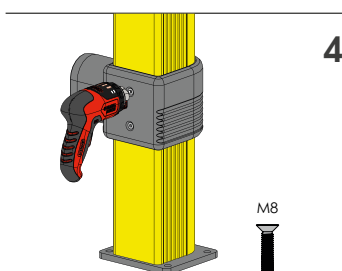
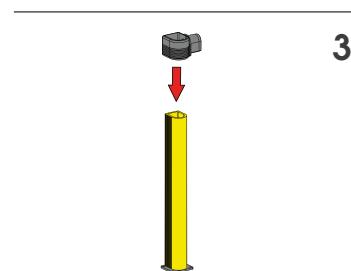
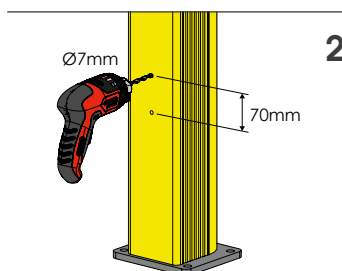
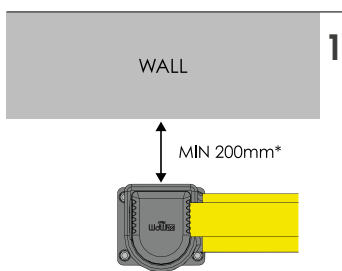
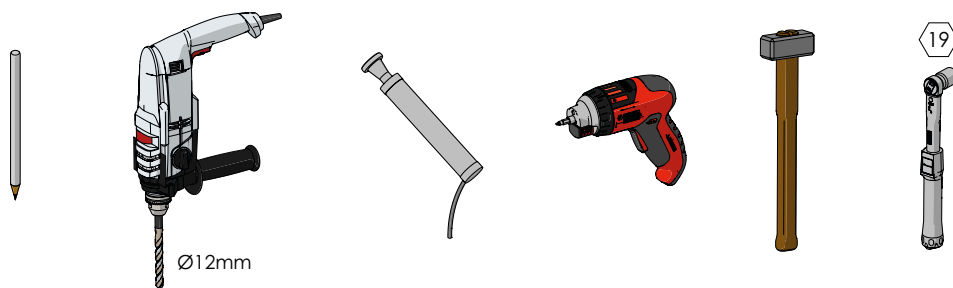
BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER



LINK 150/2

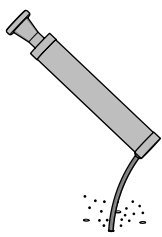
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

WARNING | The distance of installation depends on speed and weight of vehicle
| The product is equipped with screws M8

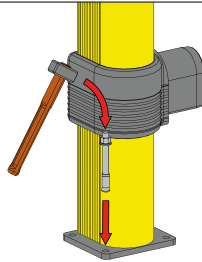


LINK 150/2

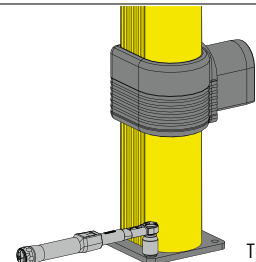
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



7

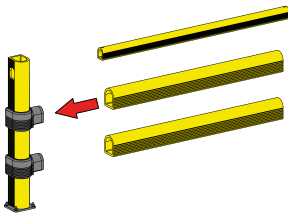


8

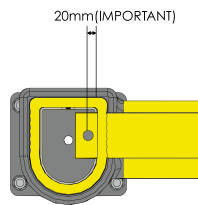


9

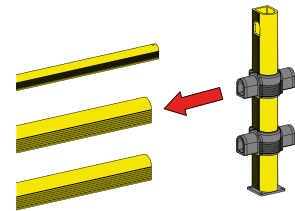
T=60Nm



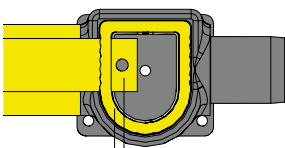
10



11

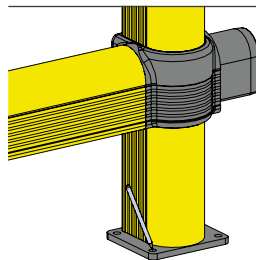


12

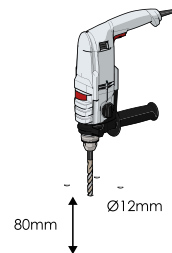


13

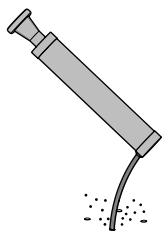
20mm (IMPORTANT)



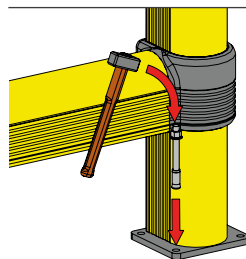
14



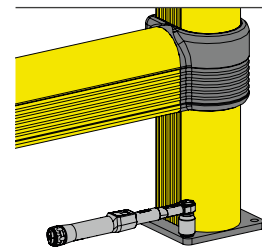
15



16



17

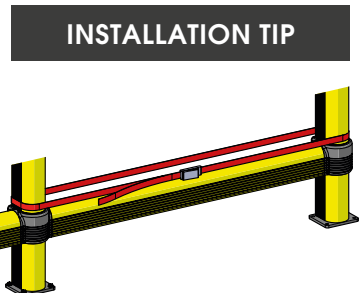
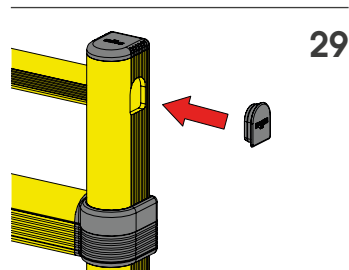
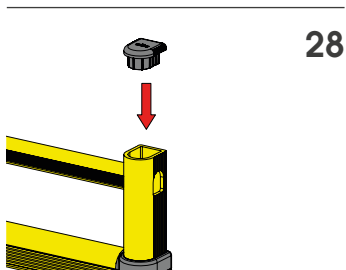
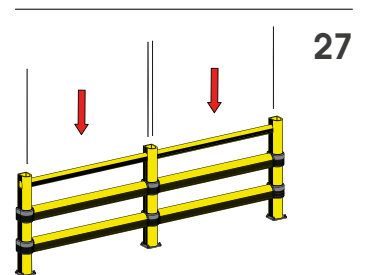
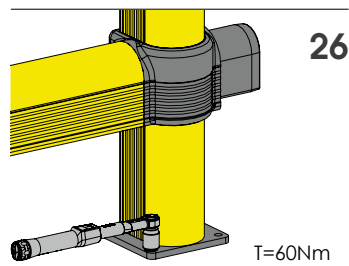
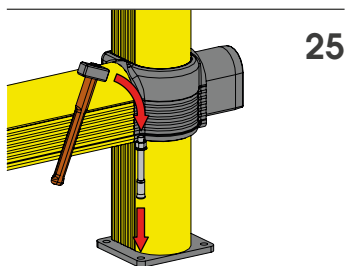
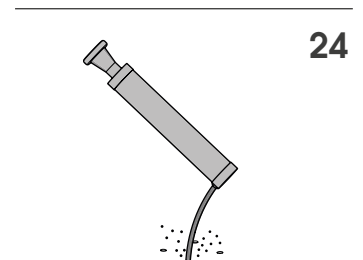
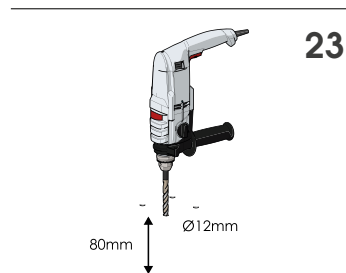
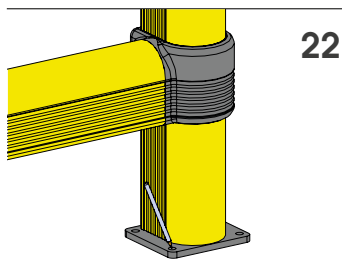
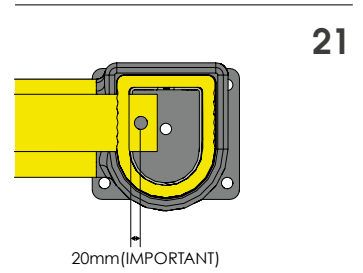
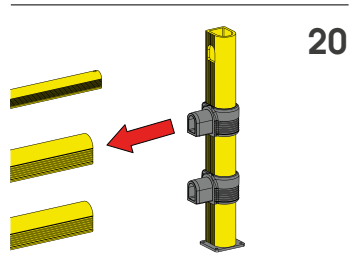
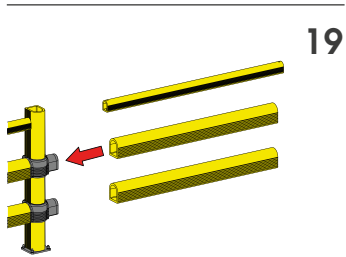


18

T=60Nm

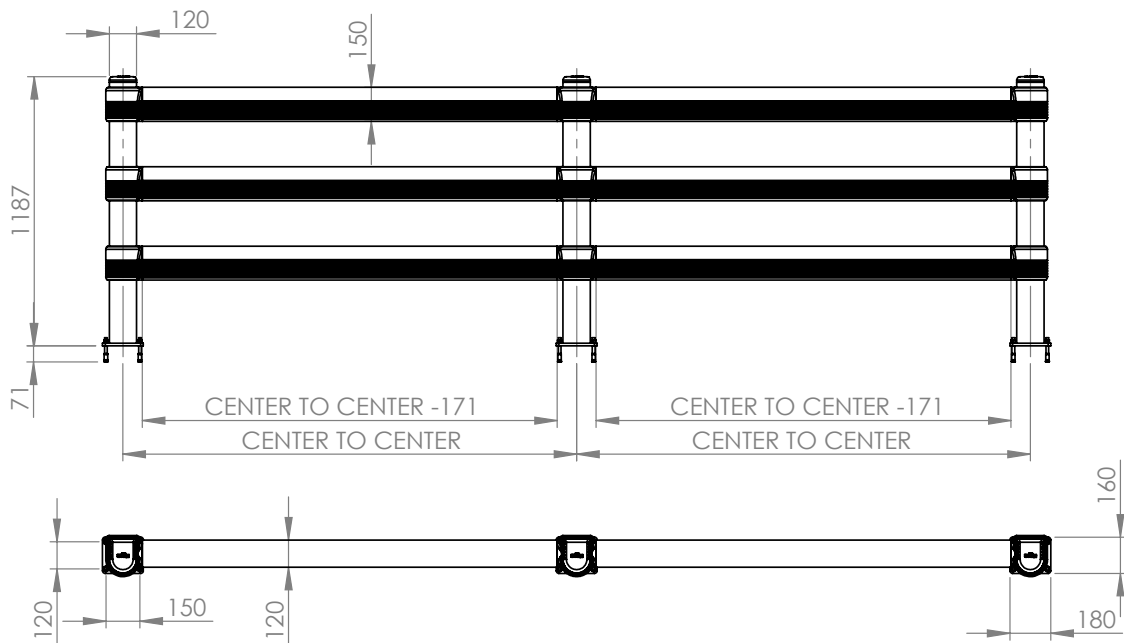
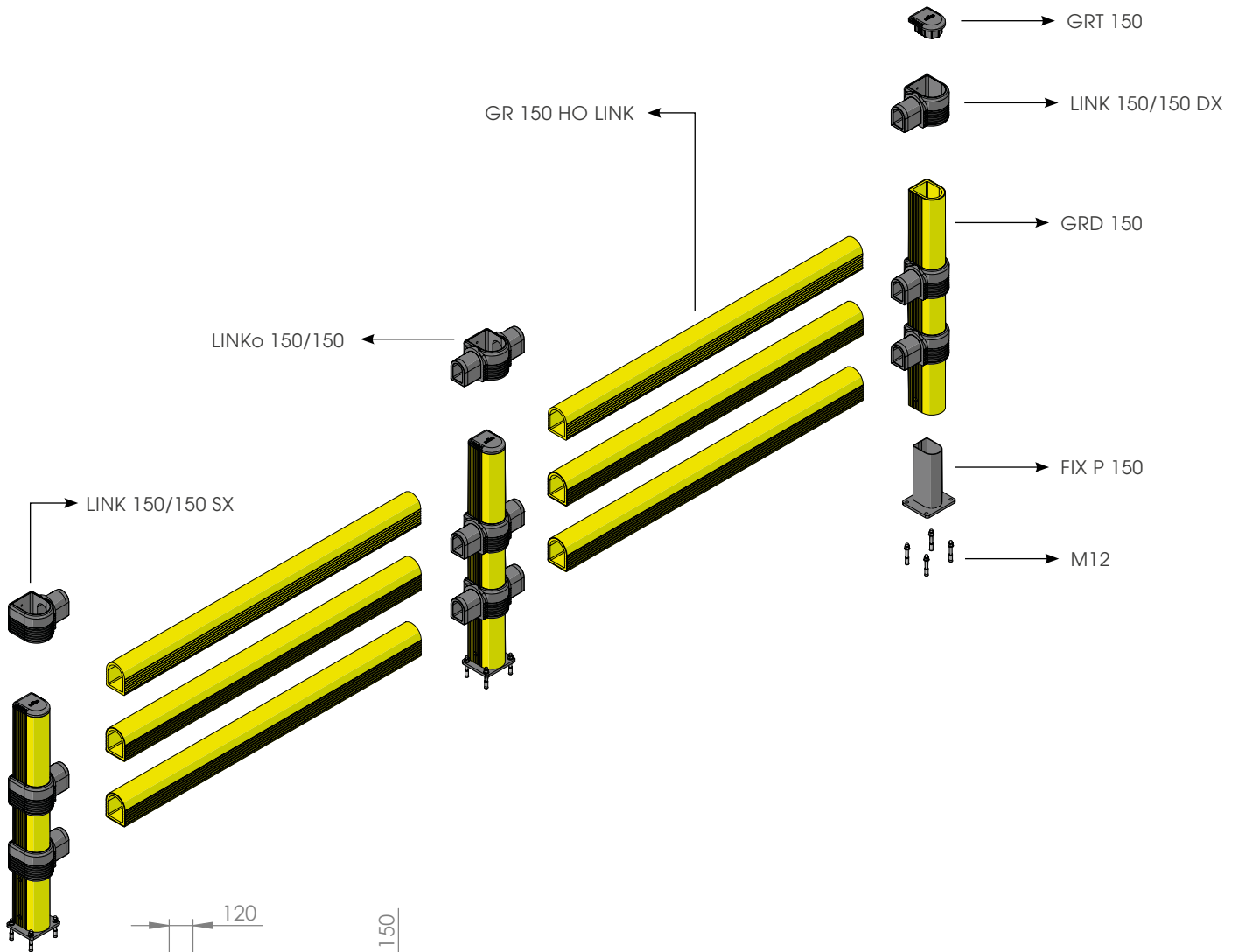
LINK 150/2

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



LINK 150/3

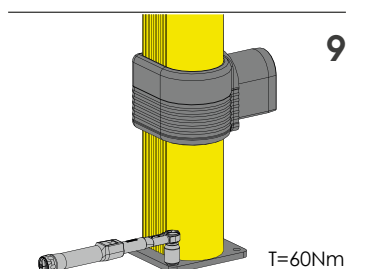
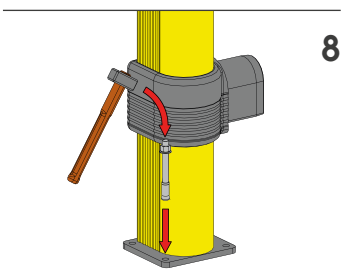
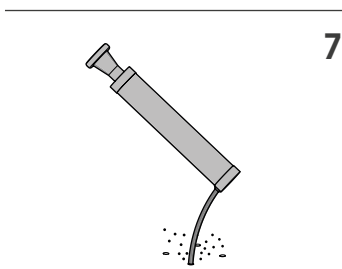
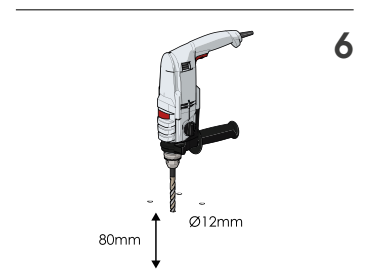
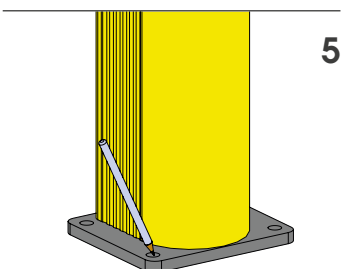
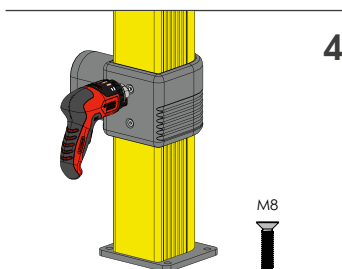
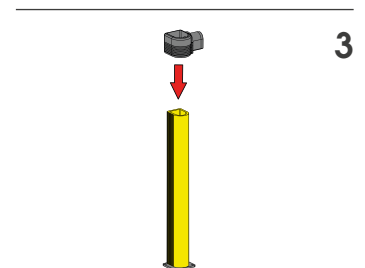
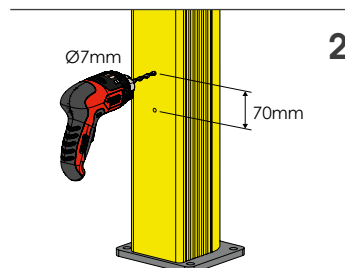
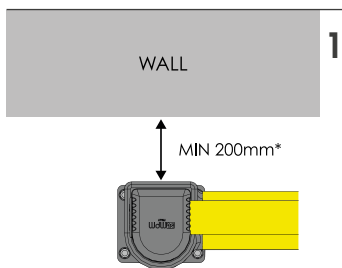
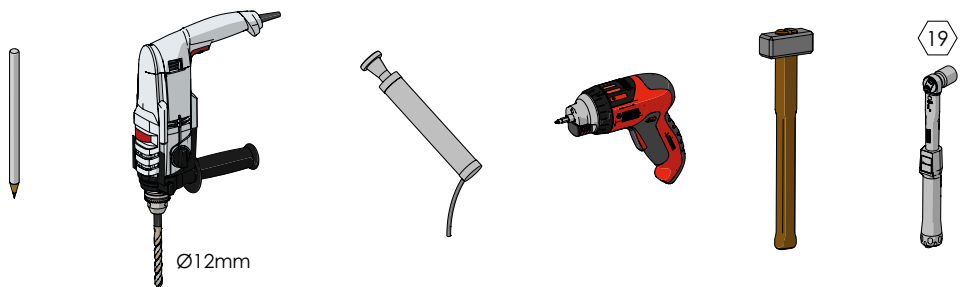
BARRIERA DI SICUREZZA REGOLABILE
ADJUSTABLE SAFETY BARRIER



LINK 150/3

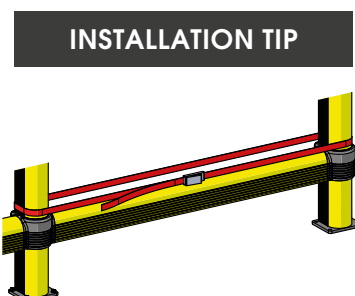
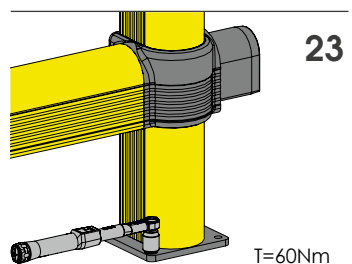
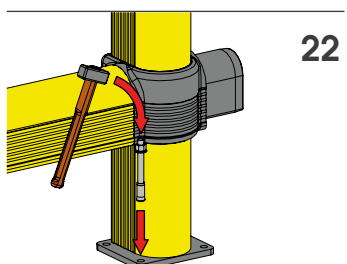
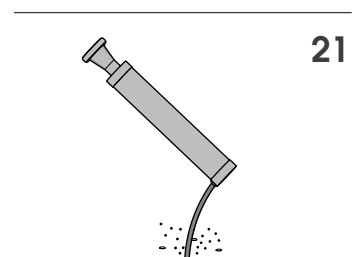
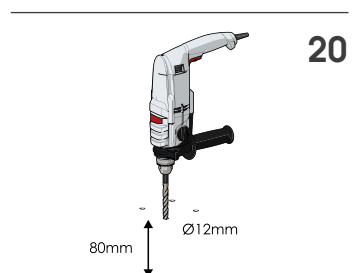
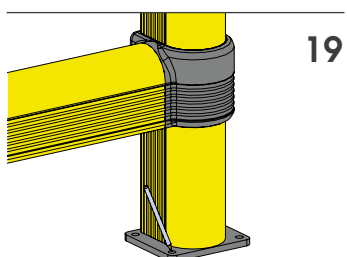
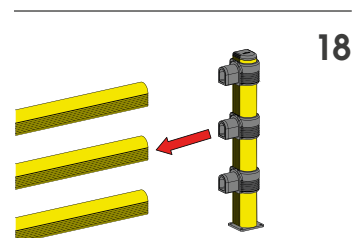
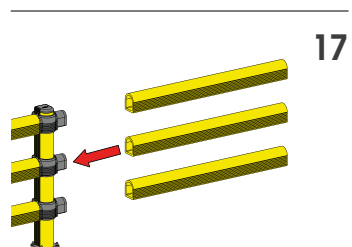
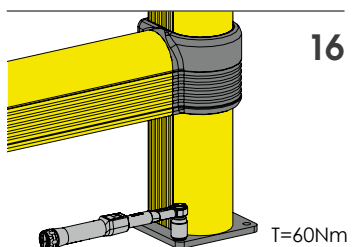
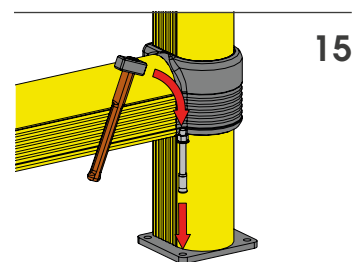
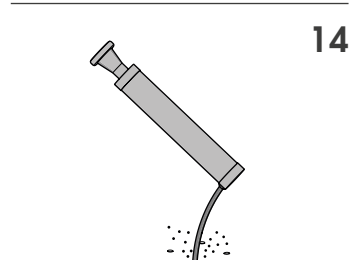
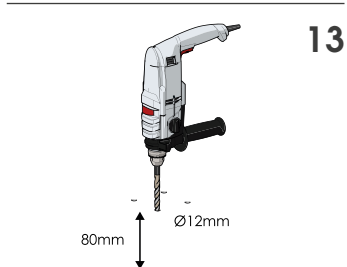
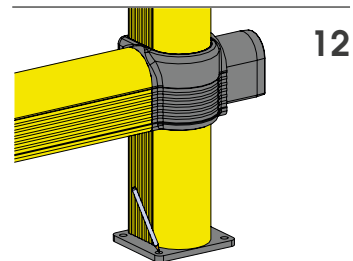
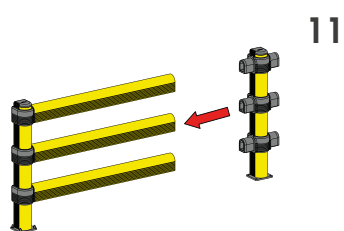
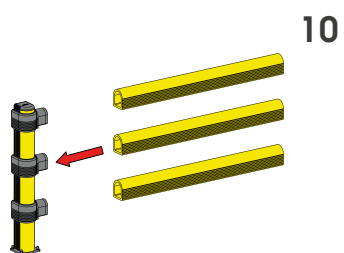
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

WARNING | The distance of installation depends on speed and weight of vehicle
The product is equipped with screws M8



LINK 150/3

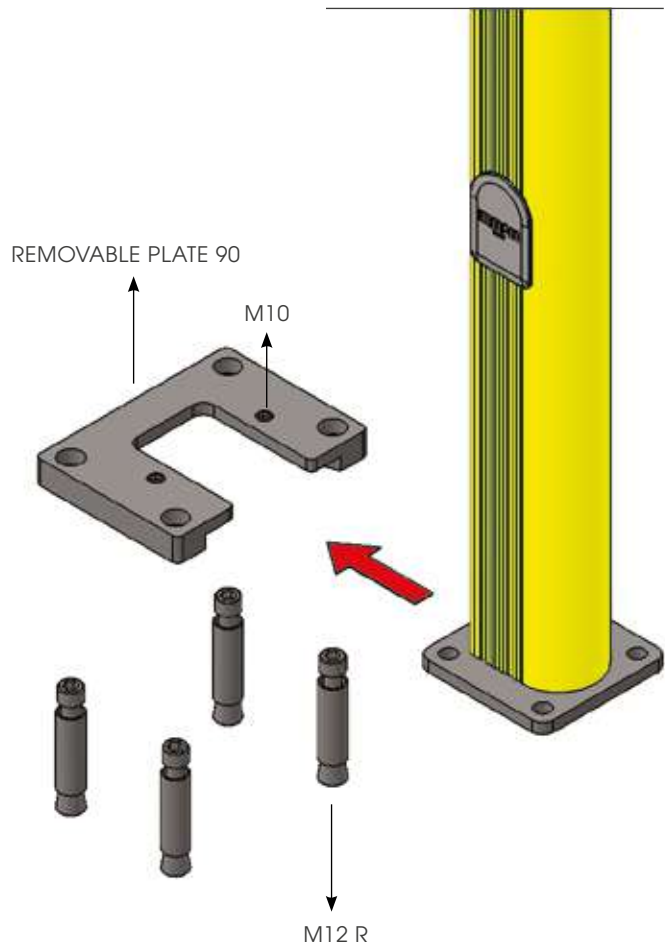
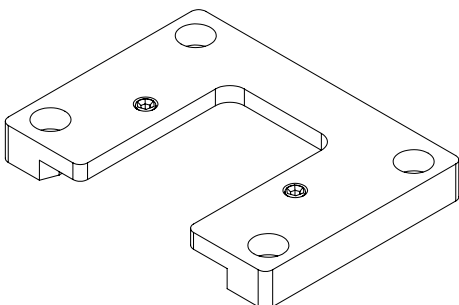
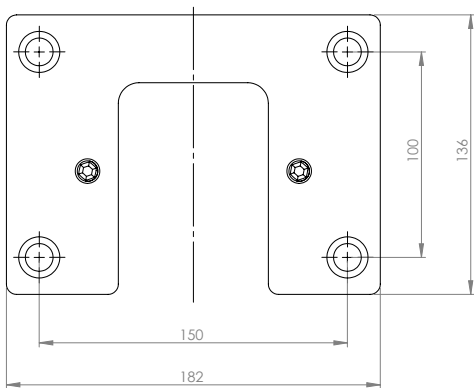
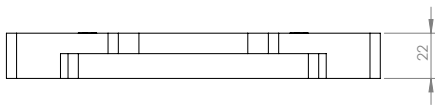
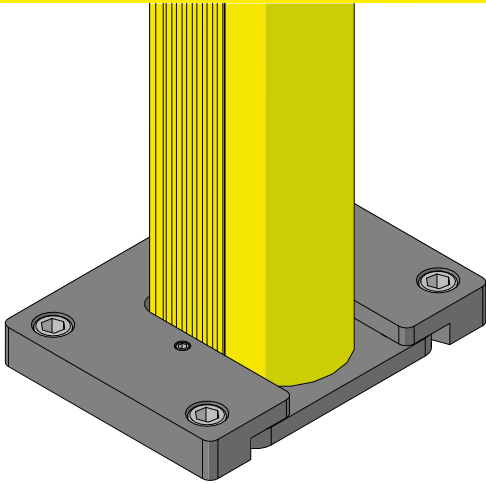
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



REMOVABLE SAFETY BARRIERS

PIASTRA REMOVIBILE PER SISTEMI 90
REMOVABLE PLATES FOR 90 SYSTEMS

90



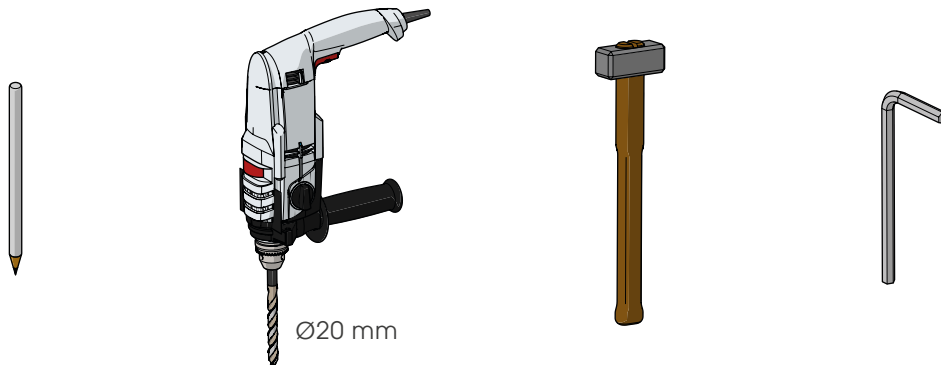
WARNING

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

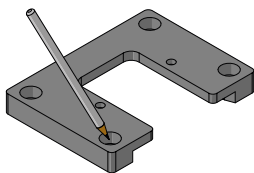
REMOVABLE SAFETY BARRIERS

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

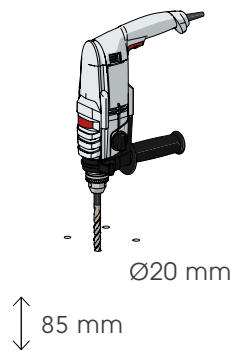
90



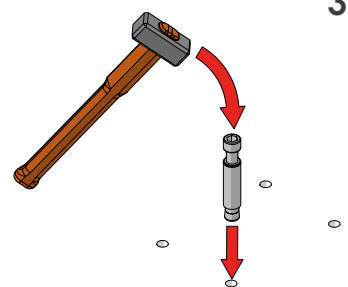
1



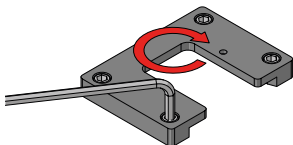
2



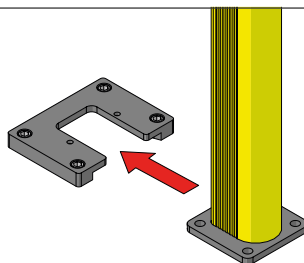
3



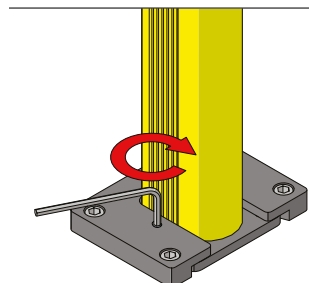
4



5



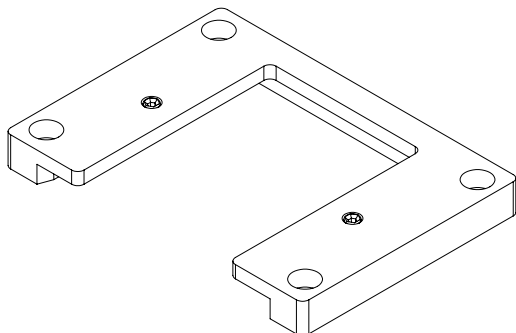
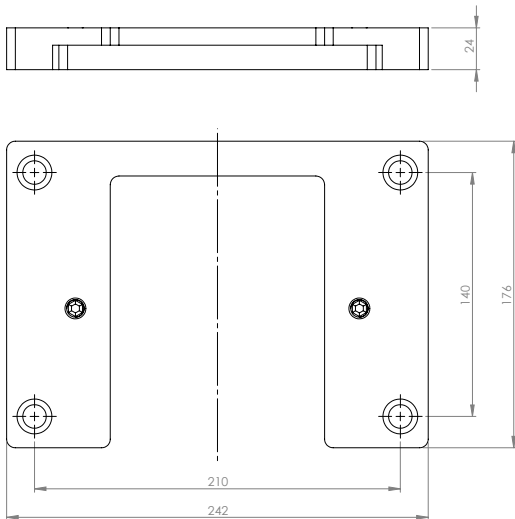
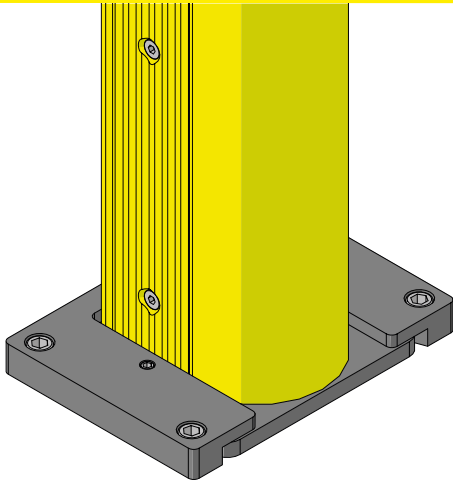
6



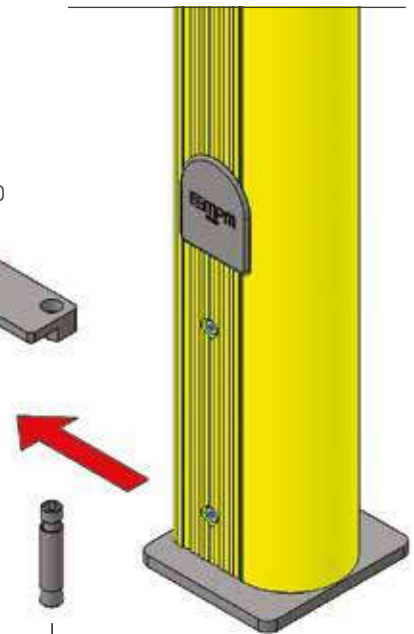
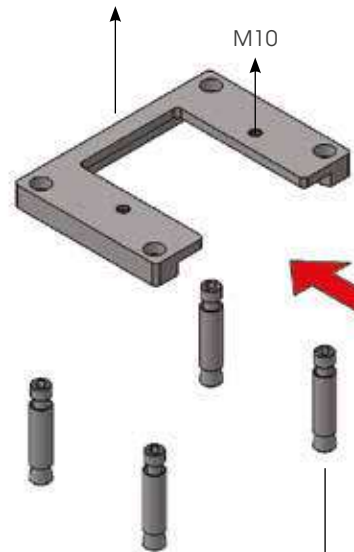
REMOVABLE SAFETY BARRIERS

PIASTRA REMOVIBILE PER SISTEMI 150
REMOVABLE PLATES FOR 150 SYSTEMS

150



REMOVABLE PLATE 150



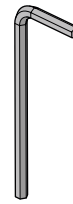
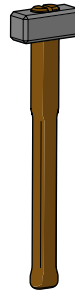
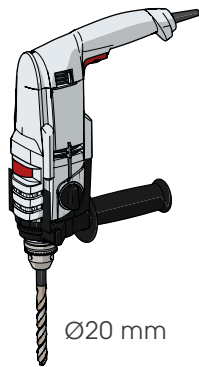
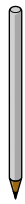
WARNING

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

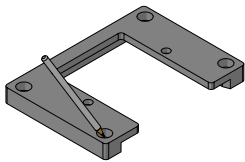
REMOVABLE SAFETY BARRIERS

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

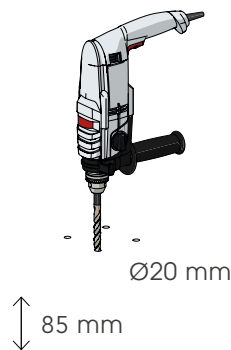
150



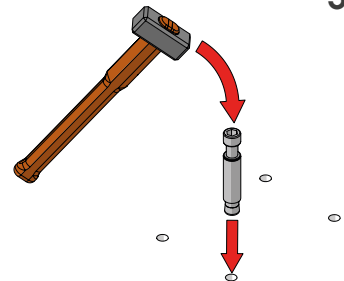
1



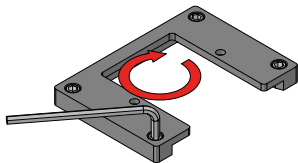
2



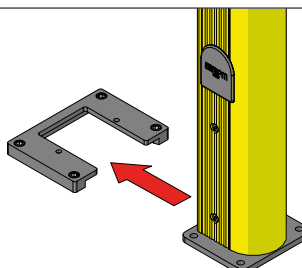
3



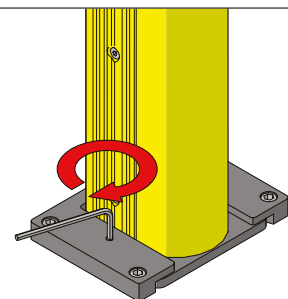
4



5



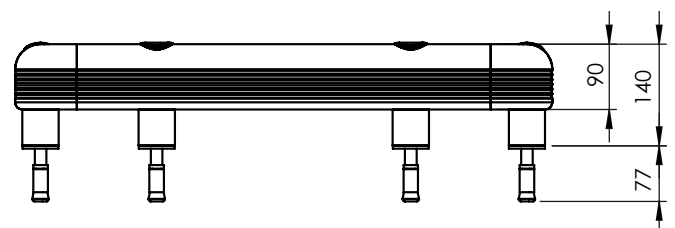
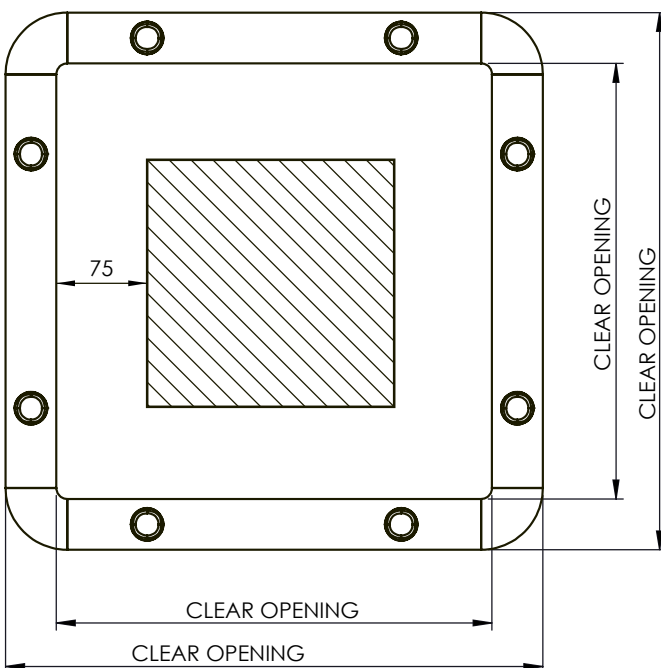
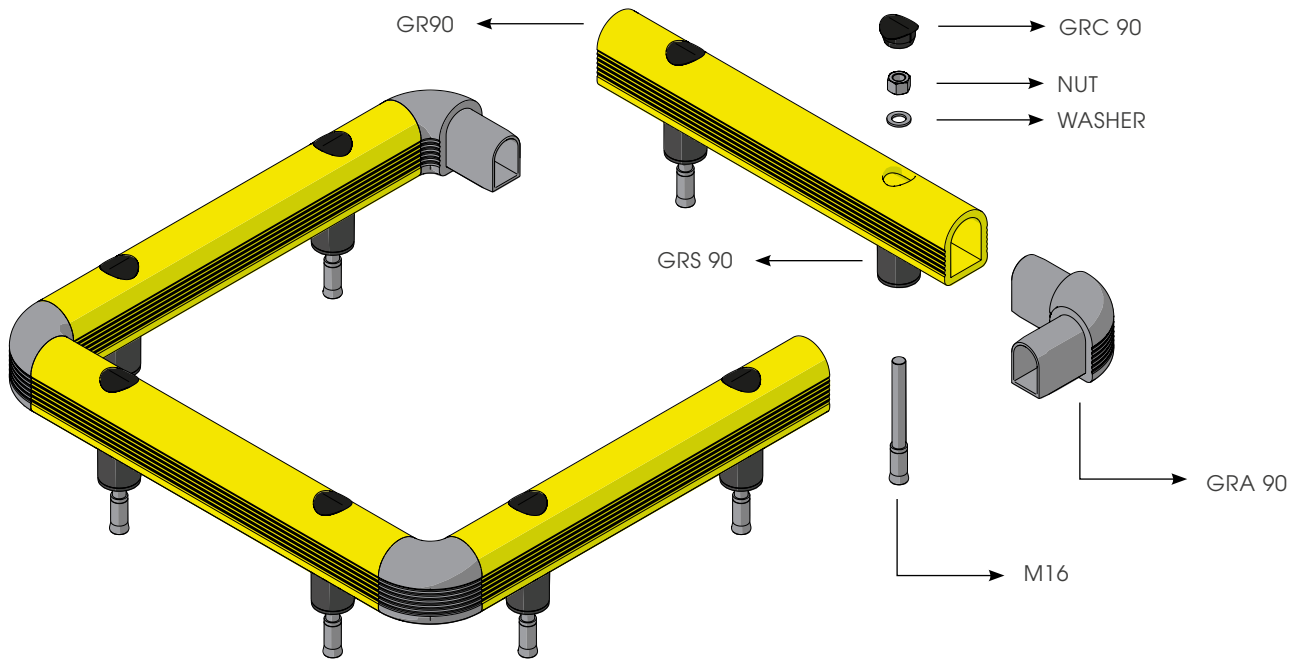
6



08. COLUMN PROTECTIONS

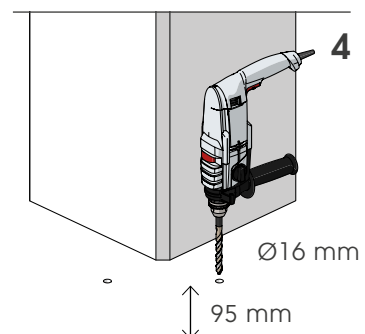
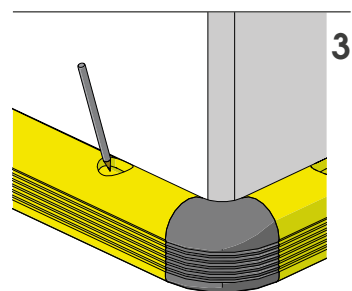
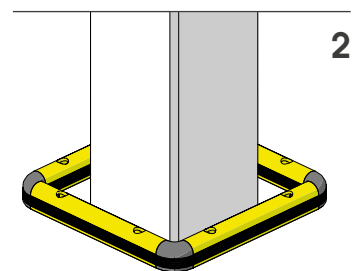
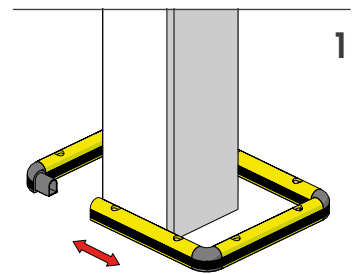
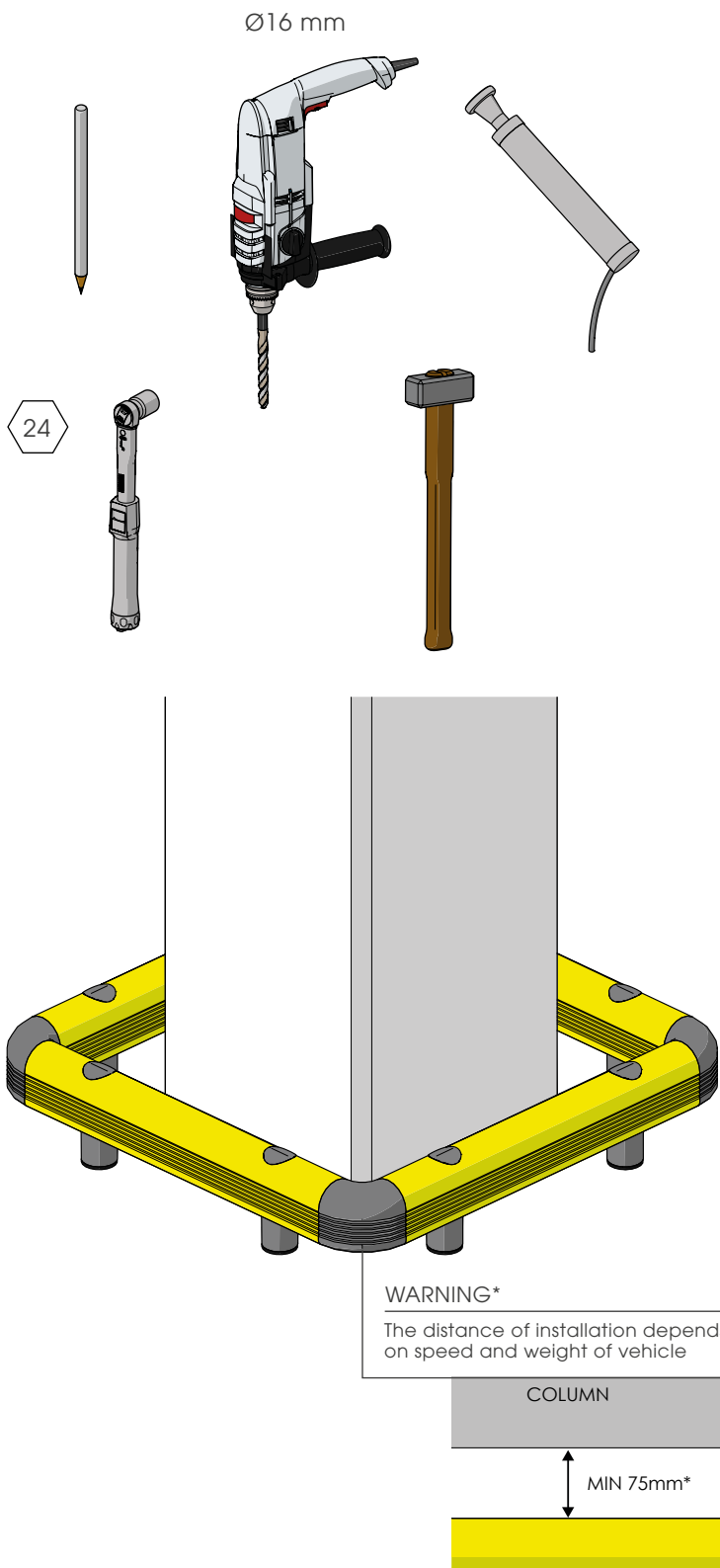
COPRO 90

PROTEZIONE COLONNA
COLUMN PROTECTION



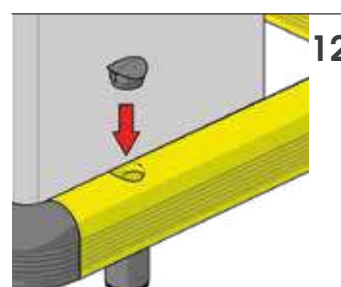
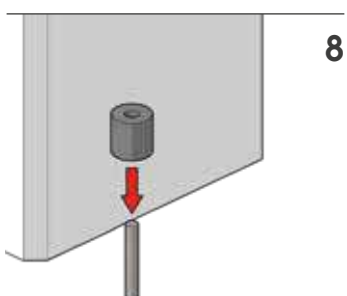
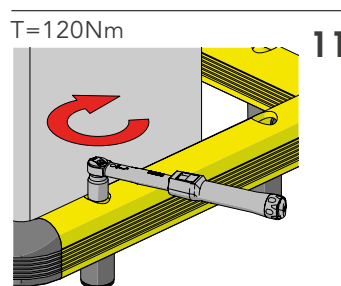
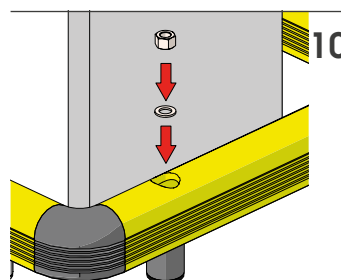
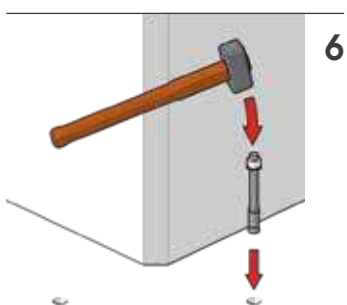
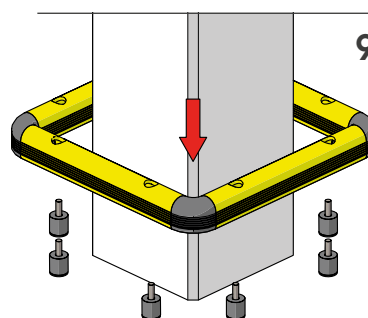
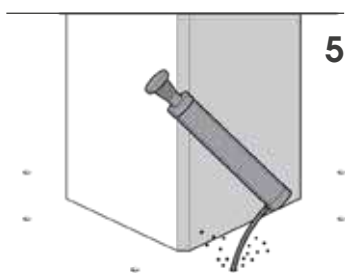
COPRO 90

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



COPRO 90

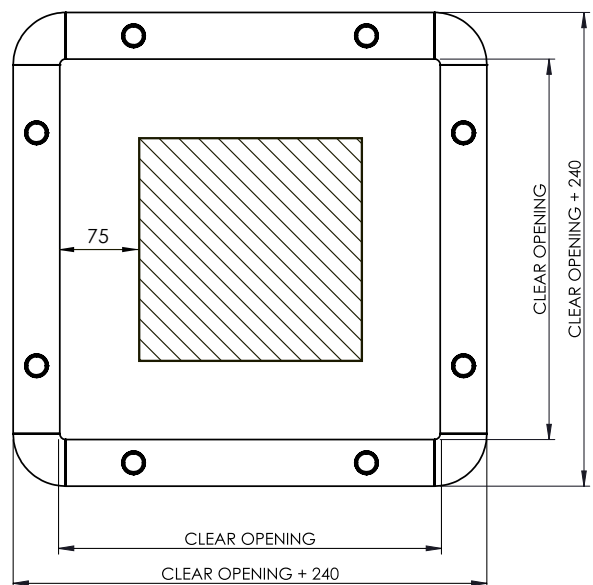
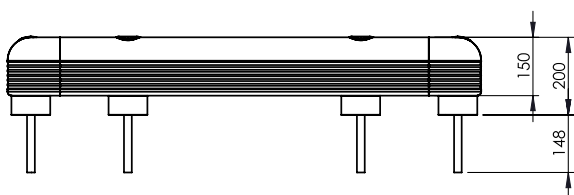
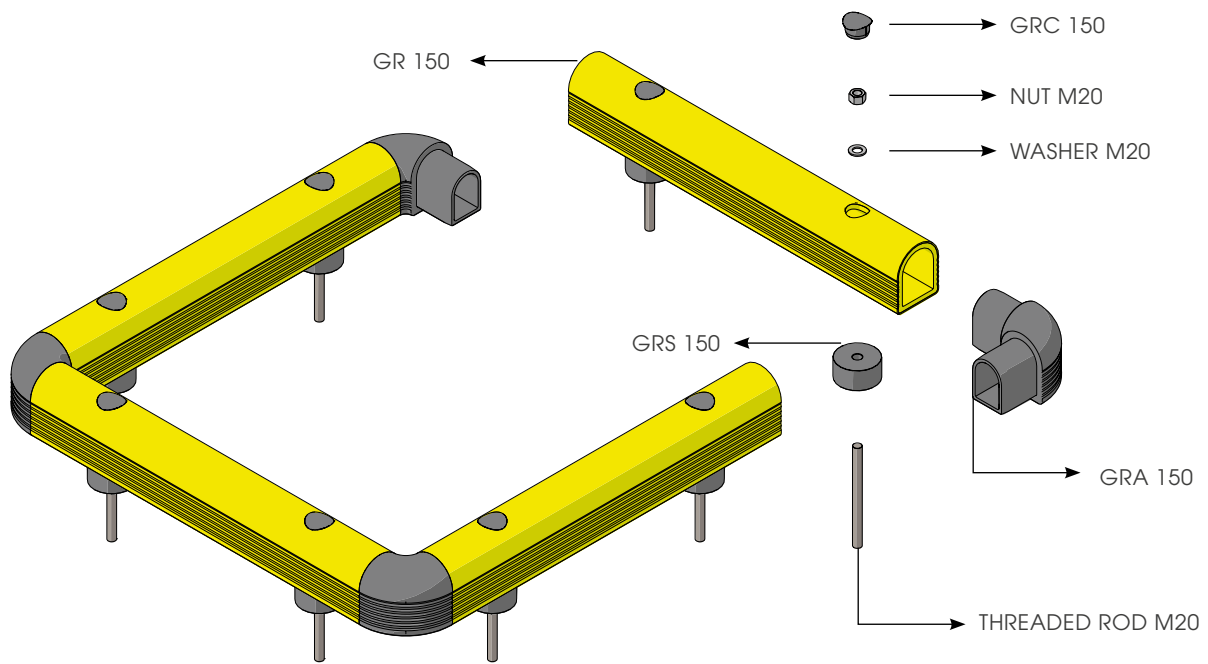
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



08. COLUMN PROTECTIONS

COPRO 150

PROTEZIONE COLONNA
COLUMN PROTECTION

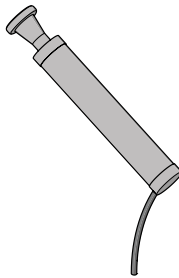
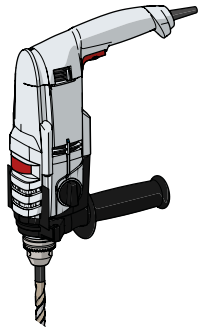


COPRO 150

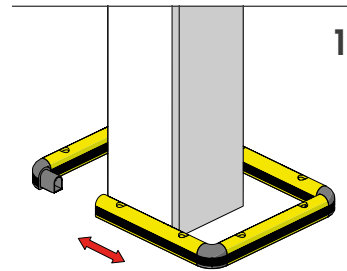
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

CHEMICAL
ANCHOR

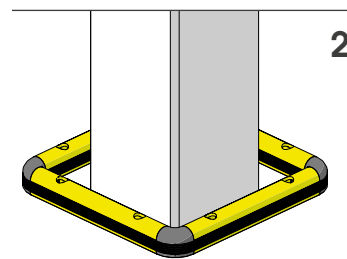
Ø24 mm



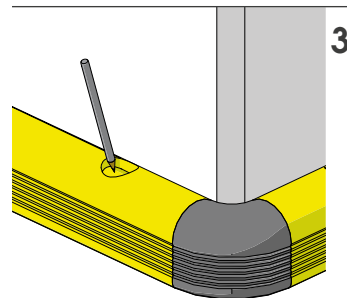
30



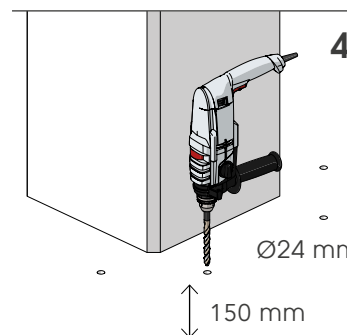
1



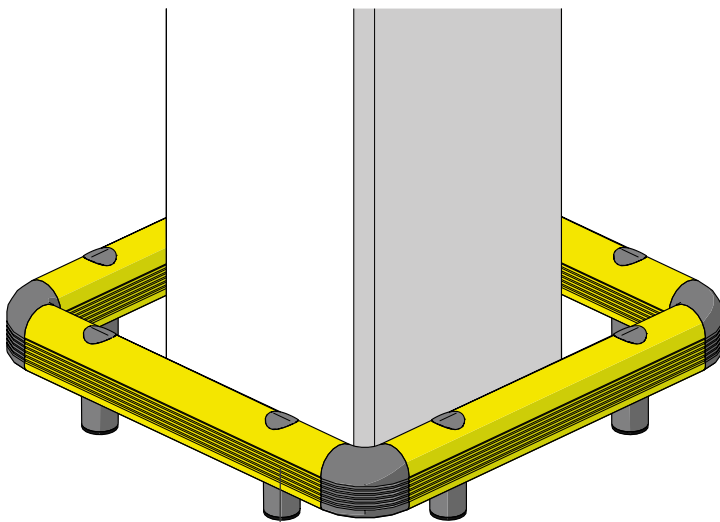
2



3



4



WARNING*

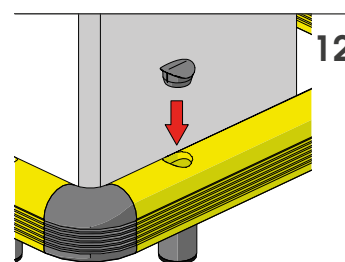
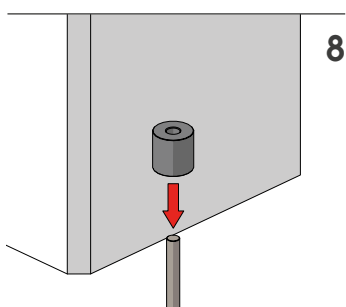
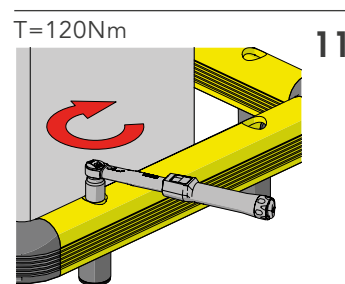
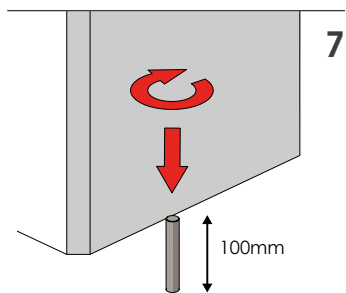
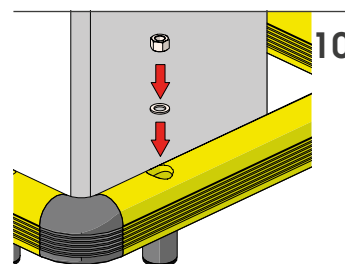
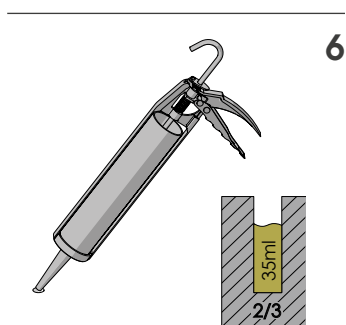
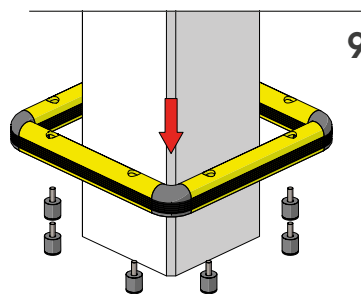
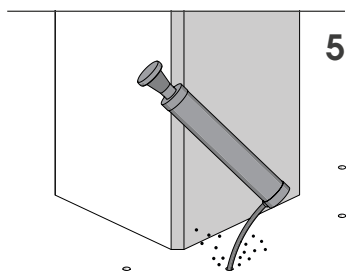
The distance of installation depends
on speed and weight of vehicle

COLUMN

MIN 75mm*

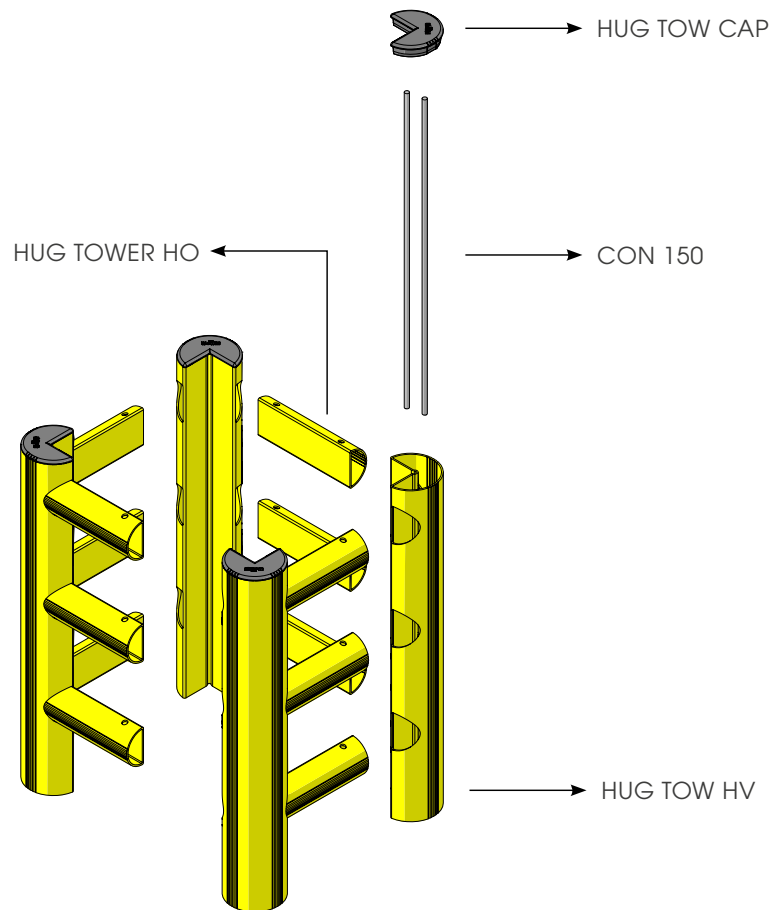
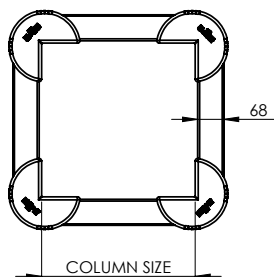
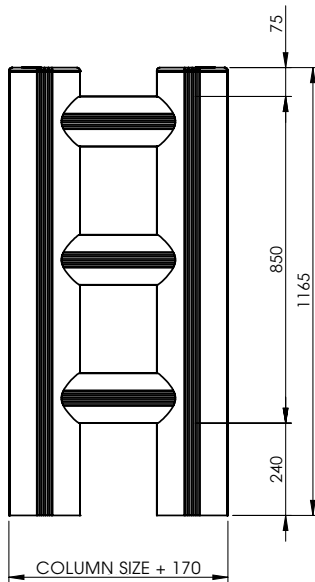
COPRO 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



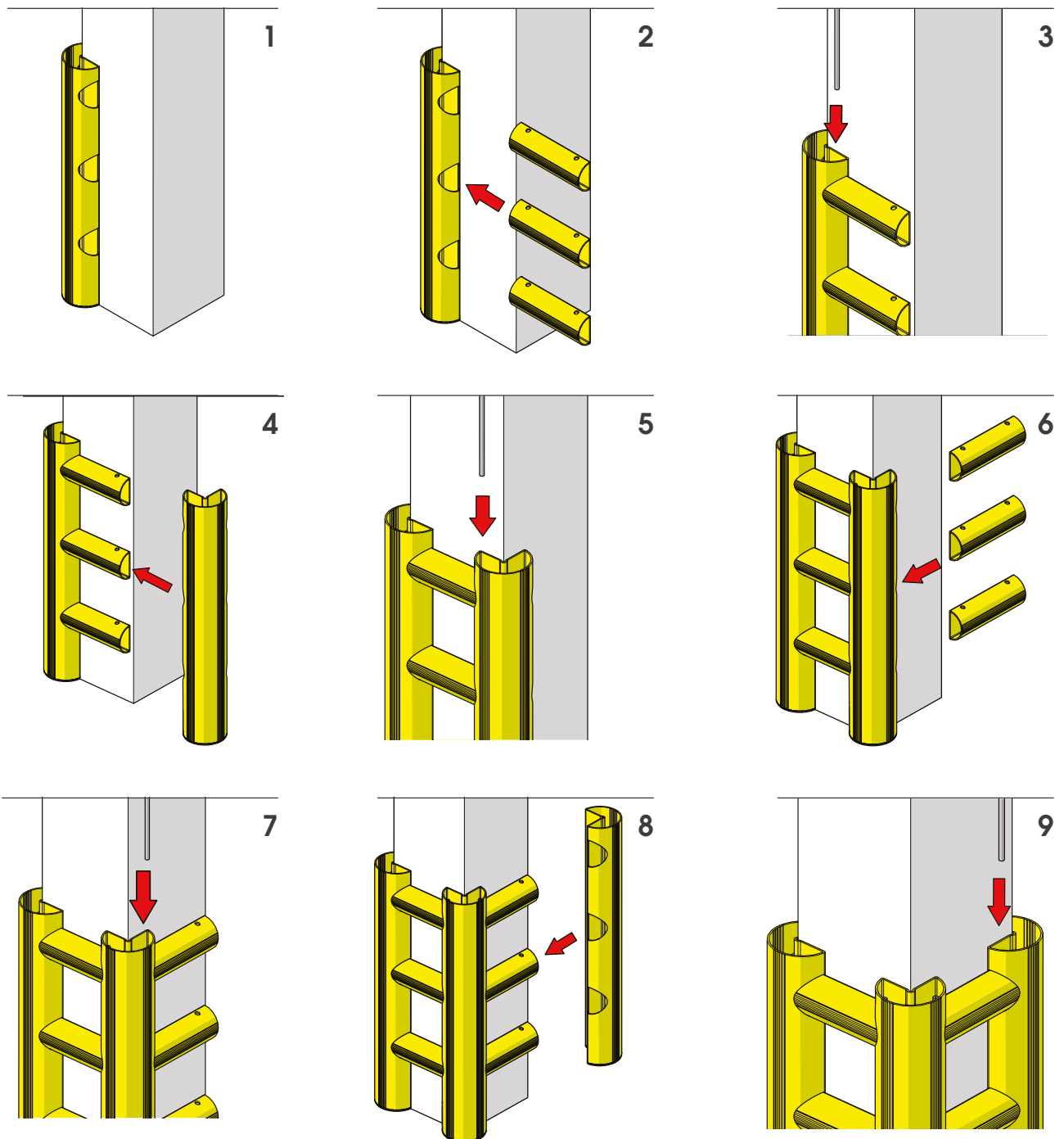
HUG TOWER

PROTEZIONE COLONNA
COLUMN PROTECTION



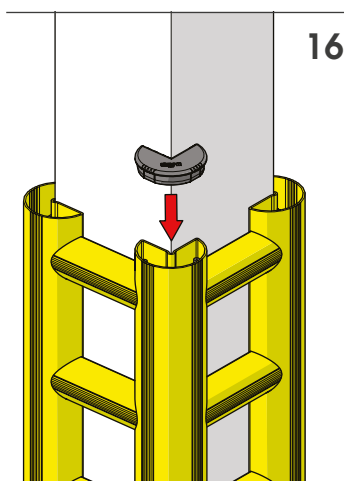
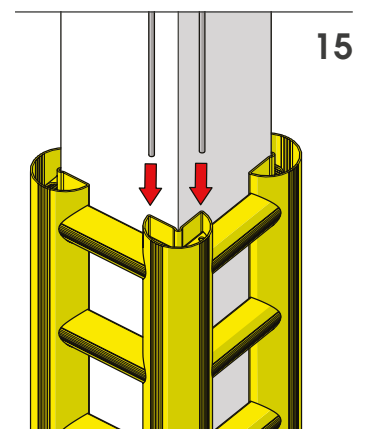
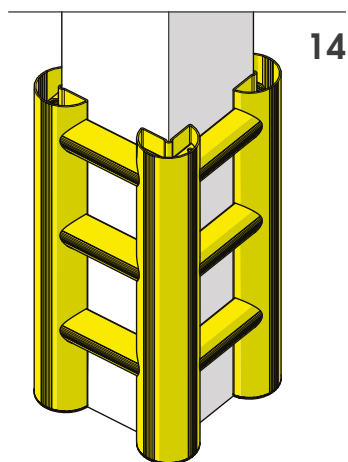
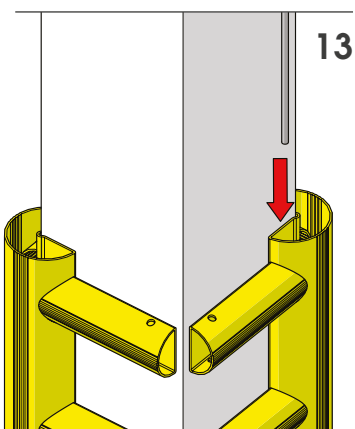
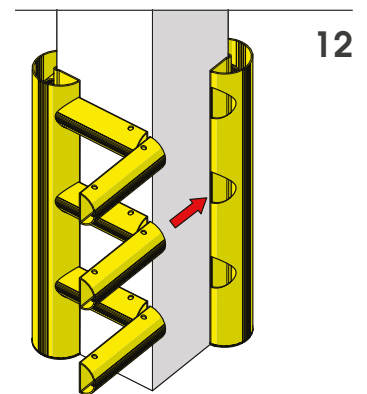
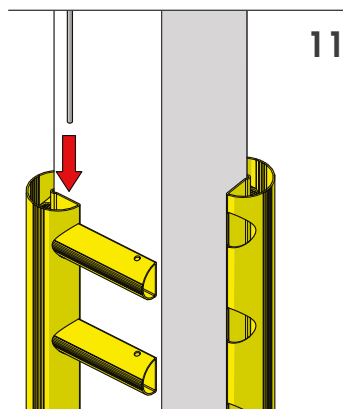
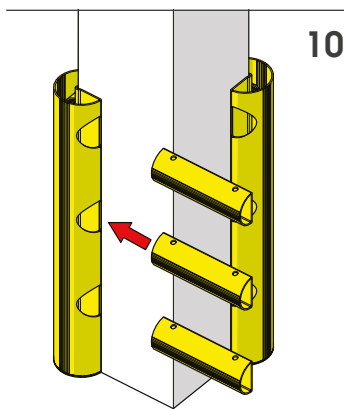
HUG TOWER

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



HUG TOWER

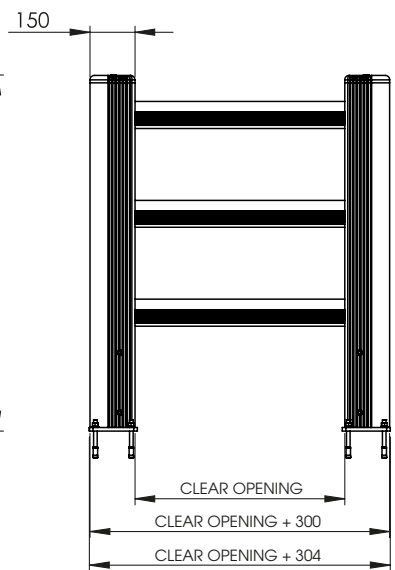
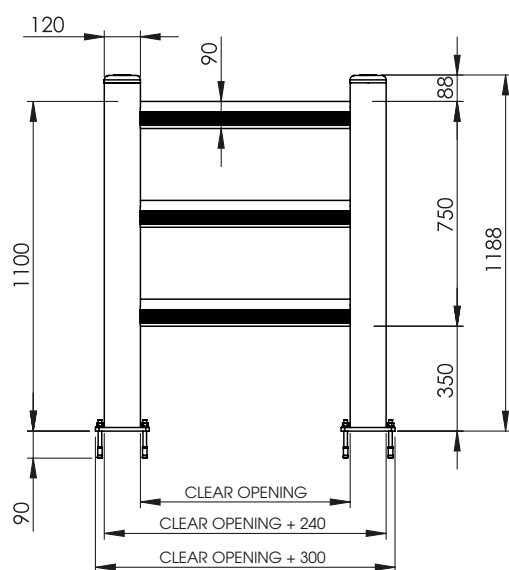
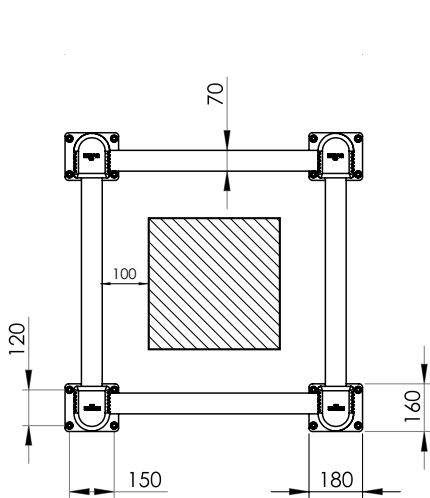
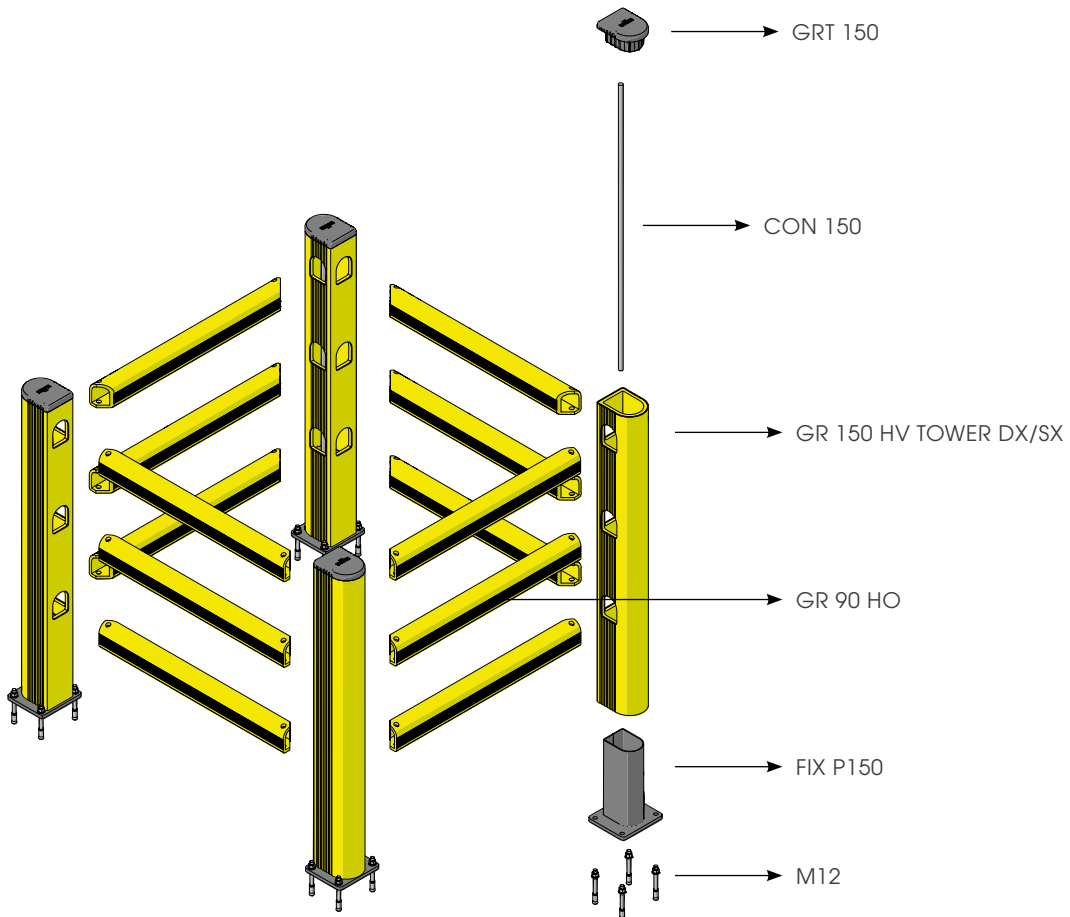
ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



08. COLUMN PROTECTIONS

TOWER

PROTEZIONE COLONNA
COLUMN PROTECTION



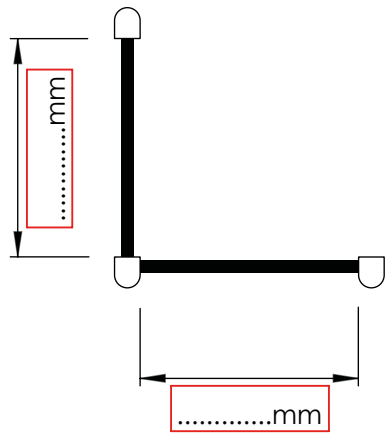
TOWER

PROTEZIONE COLONNA
COLUMN PROTECTION

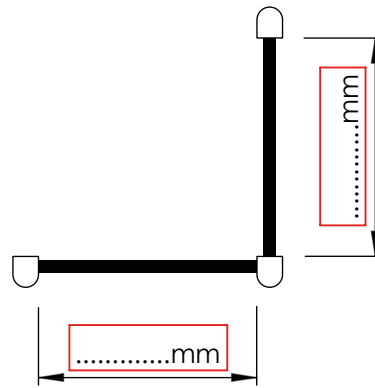
PLEASE CHECK HERE BELOW
OTHER OPTIONS FOR ASSEMBLY

TWO SIDES OPEN

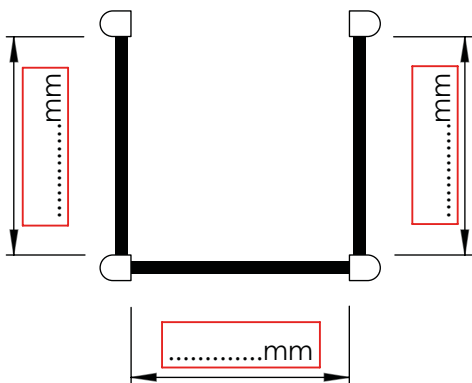
A



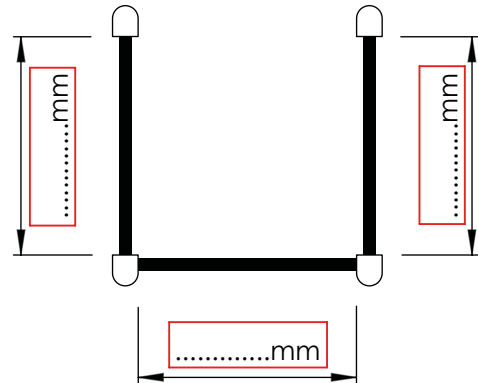
B



ONE SIDE OPEN



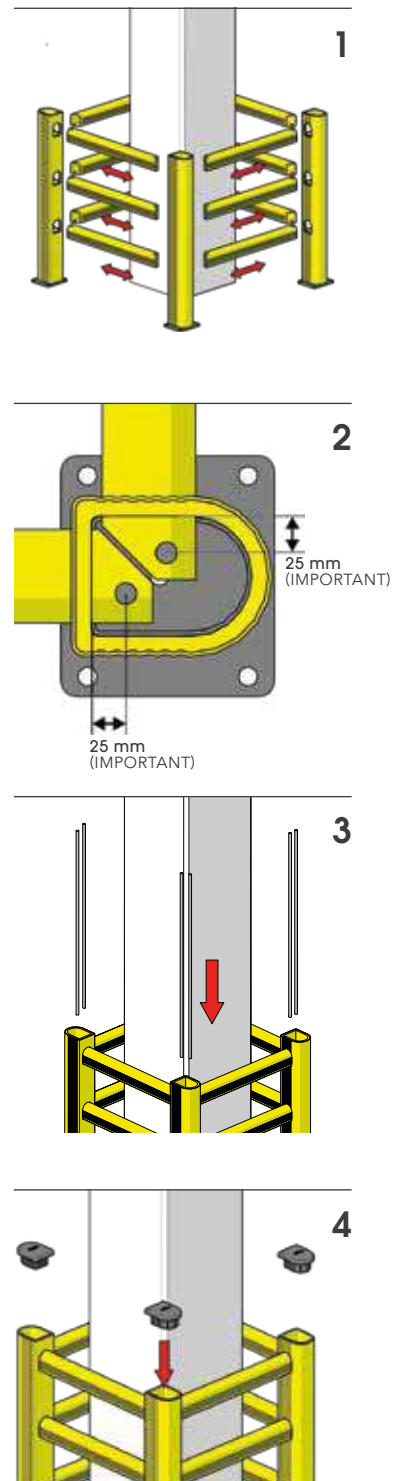
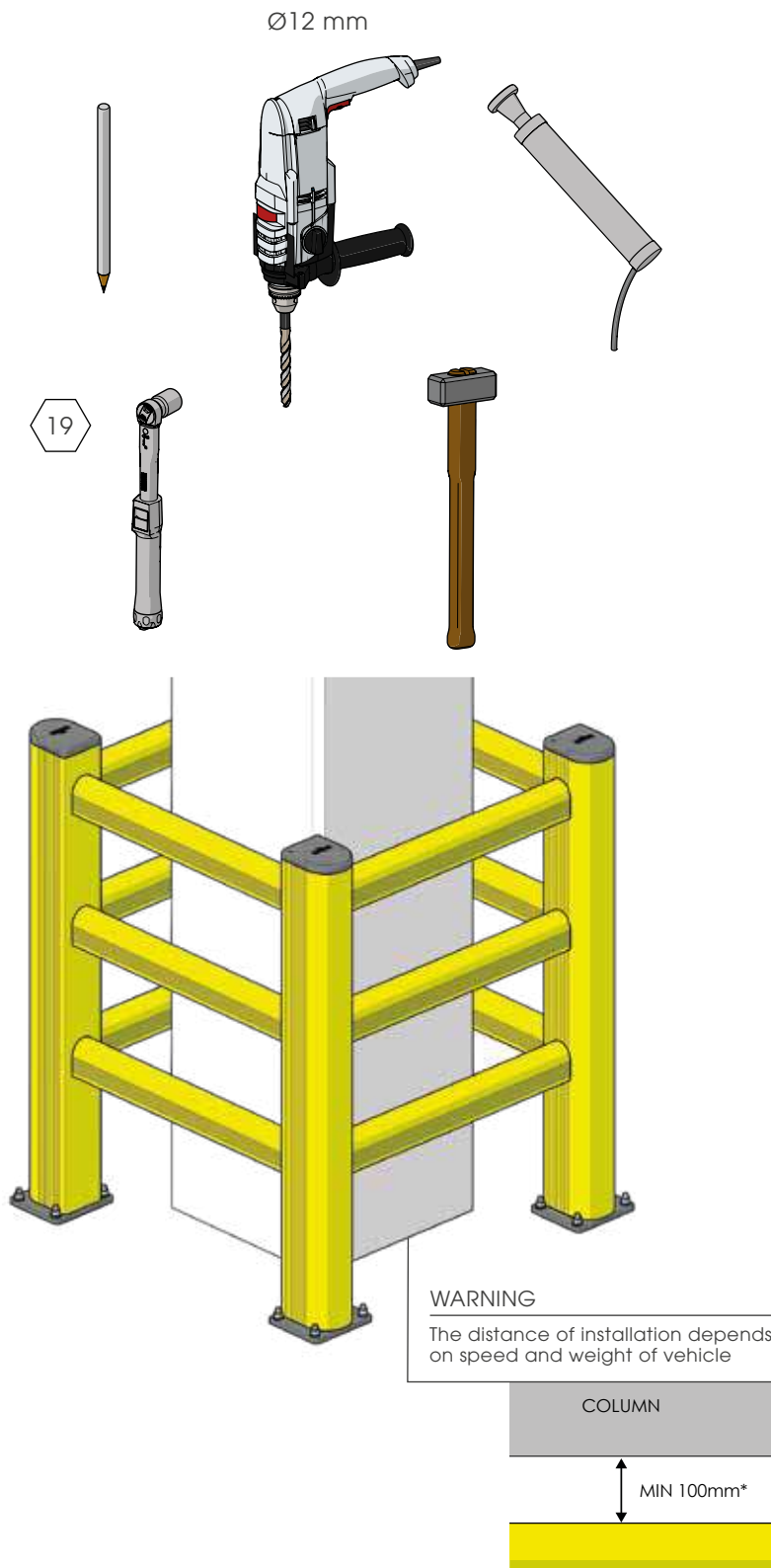
C



D

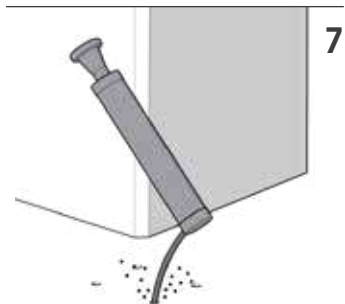
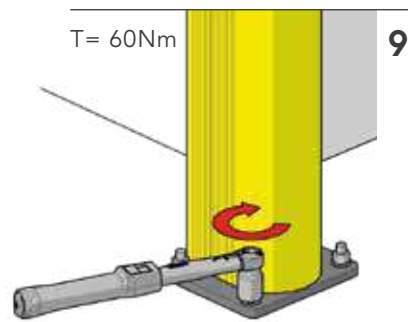
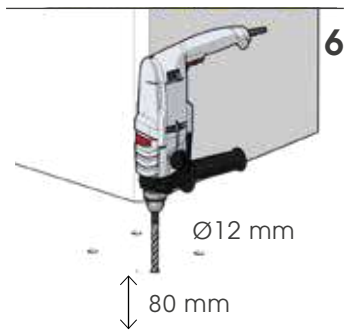
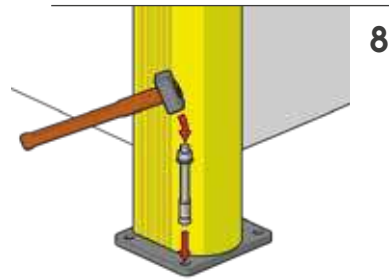
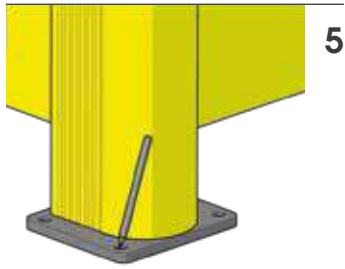
TOWER

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



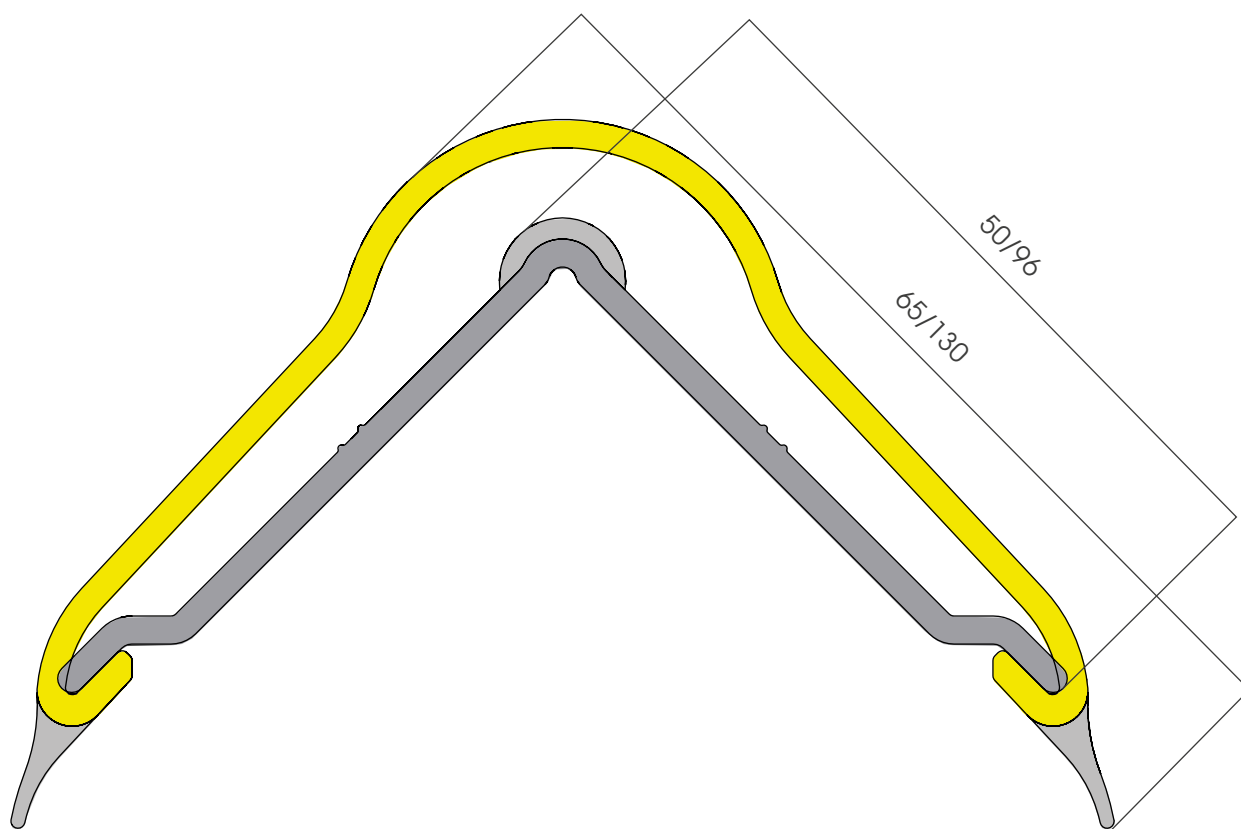
TOWER

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



CP 100/200

PROTEZIONE PER PARETI
CORNER PROTECTION

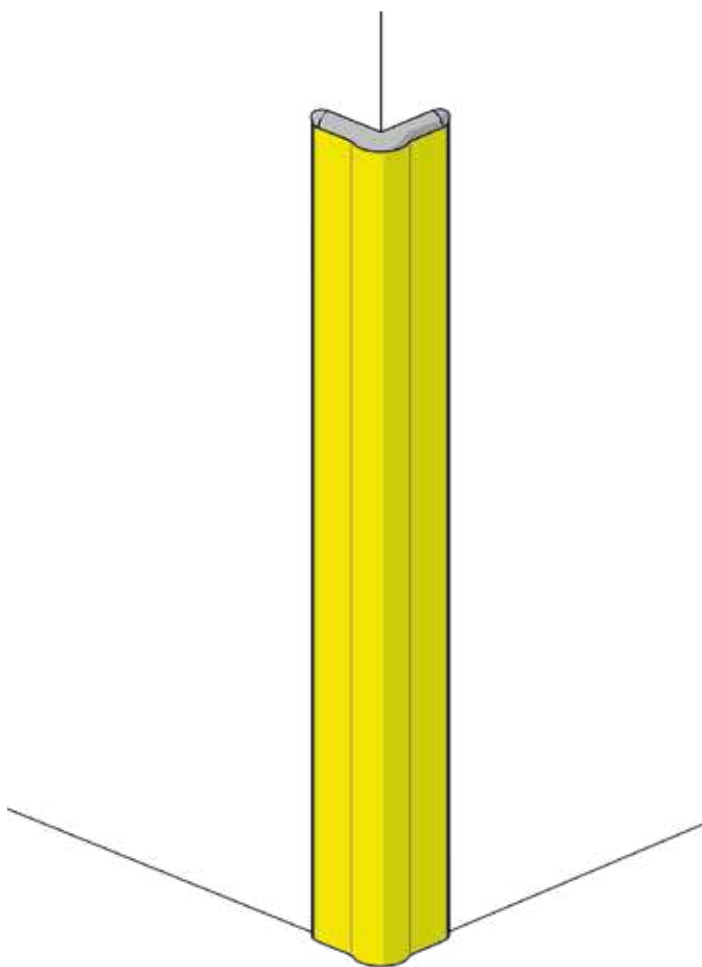
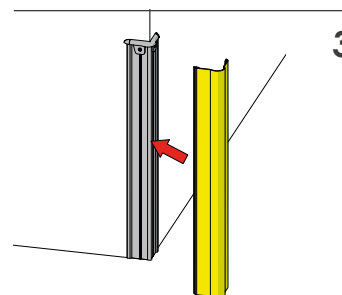
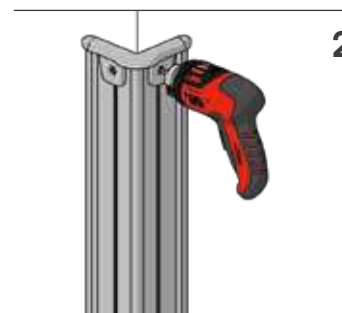
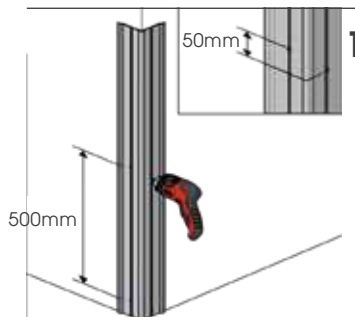


WARNING

The product is not equipped with fixing accessories for the wall.
Use self-drilling button head cap screw $\varnothing 3.9$ if mounted to panel or wood walls.
Use plastic plugs $\varnothing 3.9$ if mounted to concrete walls.

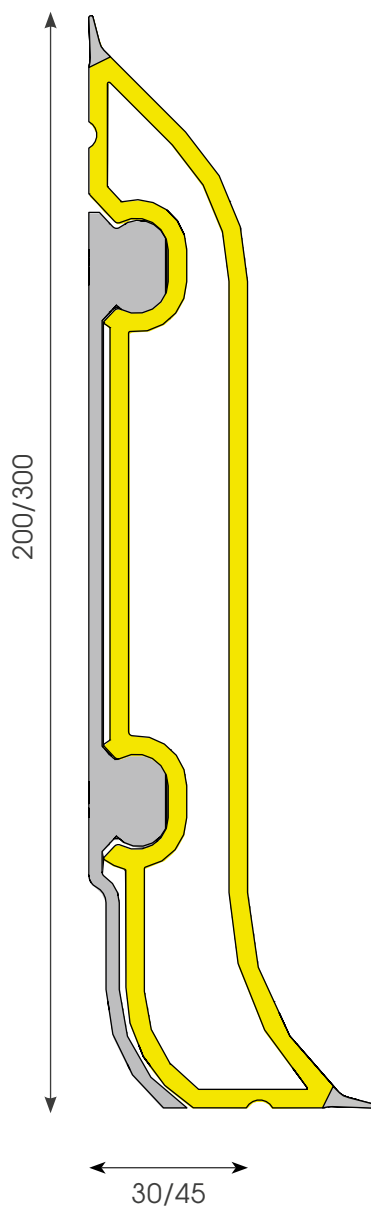
CP 100/200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



KERB 200/300

PROFILO KERB
KERB PROFILE

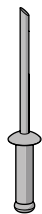
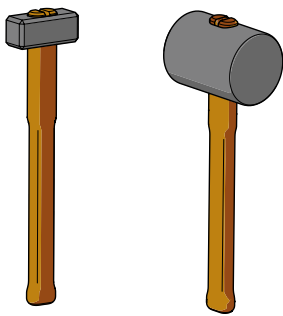
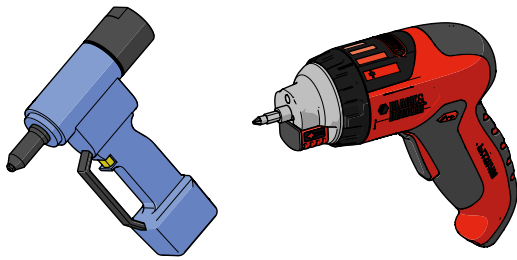


WARNING

The product is not equipped with fixing accessories for the wall.
Use self-drilling button head cap screw $\text{Ø}3.9$ if mounted to panel or wood walls.
Use plastic plugs $\text{Ø}3.9$ if mounted to concrete walls.

KERB 200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



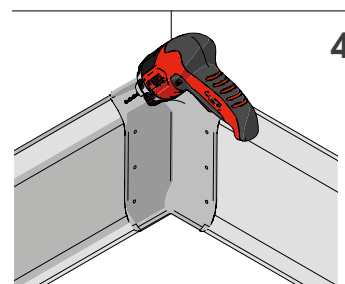
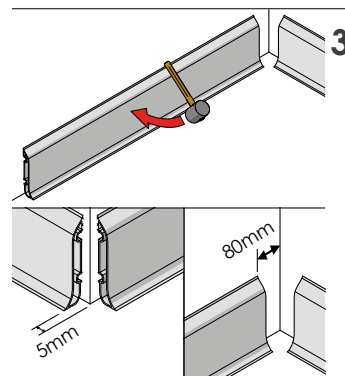
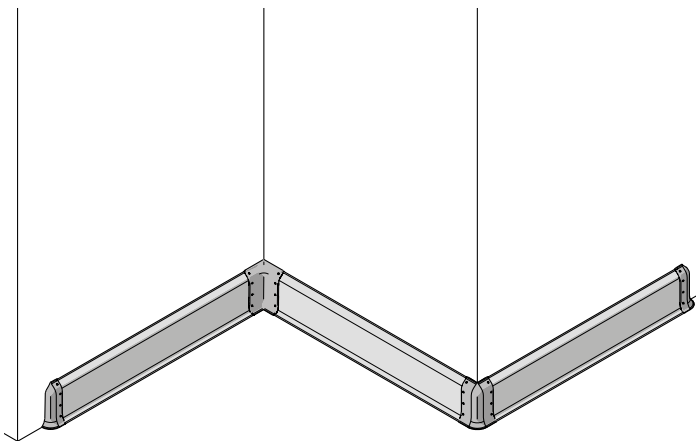
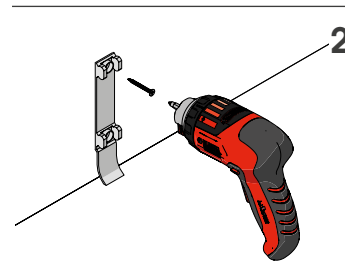
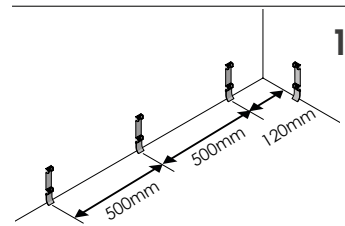
TB14

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



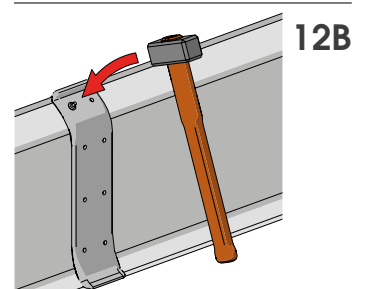
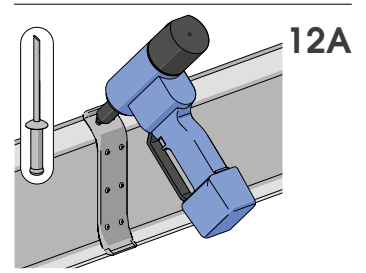
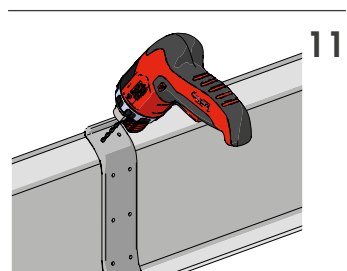
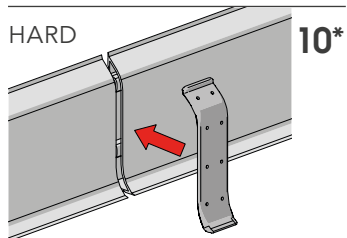
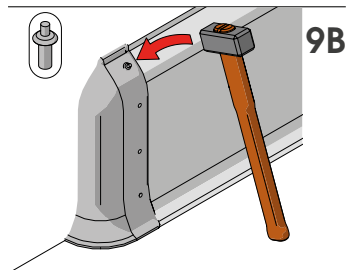
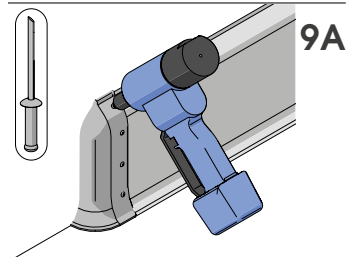
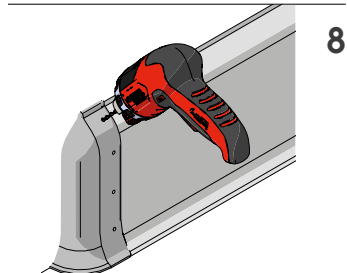
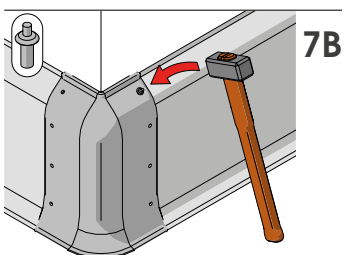
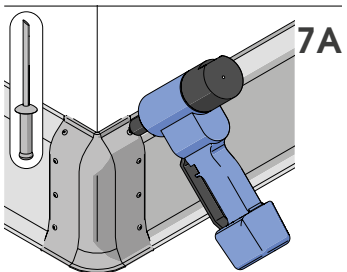
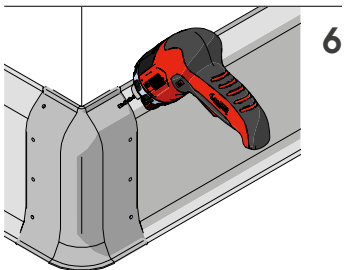
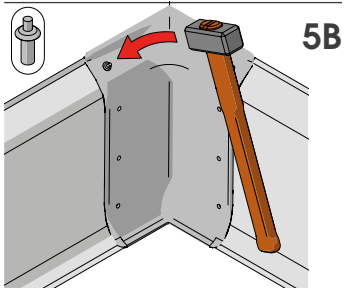
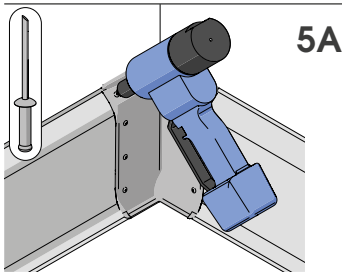
TF14

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

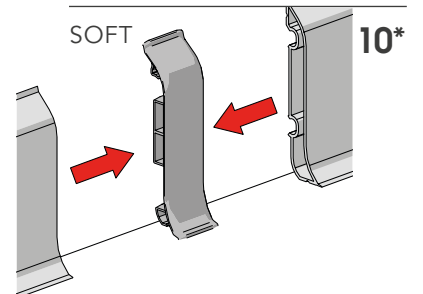


KERB 200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

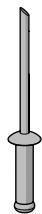
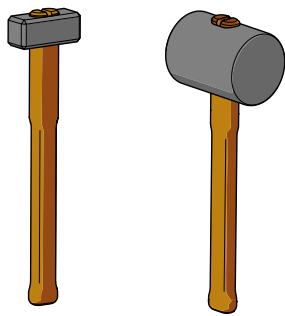
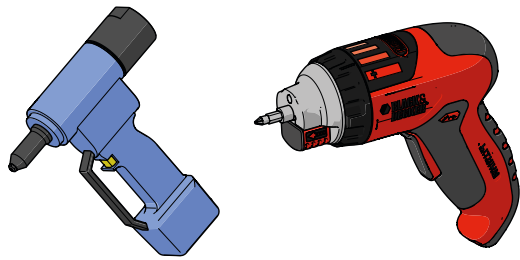


* PLEASE ALSO CHECK
THIS ALTERNATIVE
FOR INSTALLATION
WITH NEW KSJ 200 LT



KERB 300

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



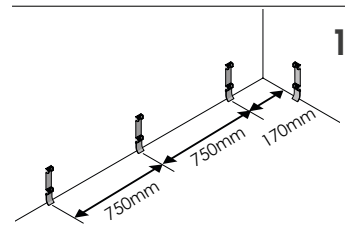
TB20

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

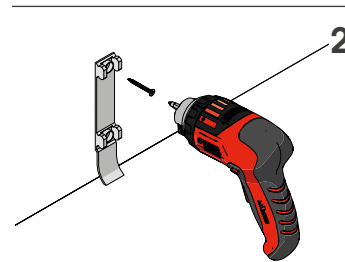


TF20

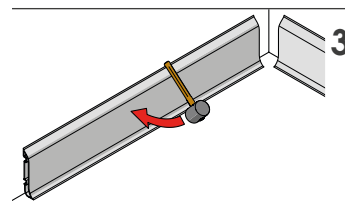
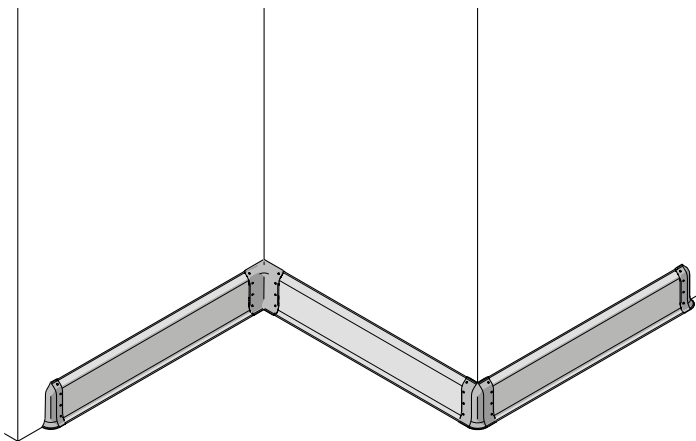
PLEASE SEE
IN 5B / 7B
9B / 12B



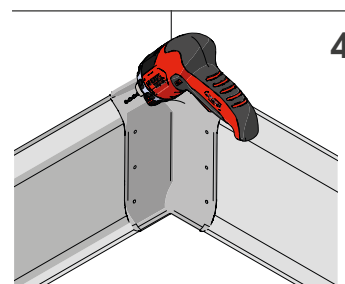
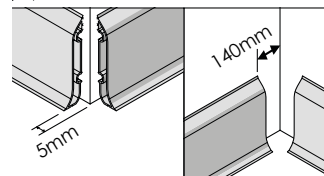
1



2



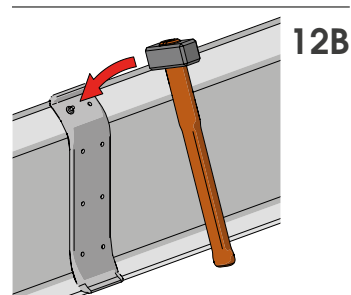
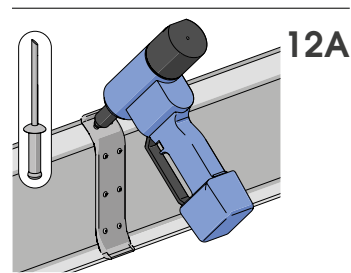
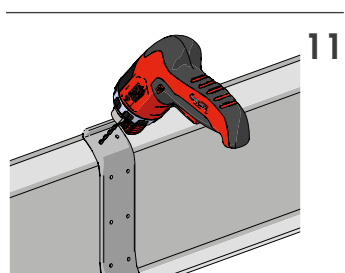
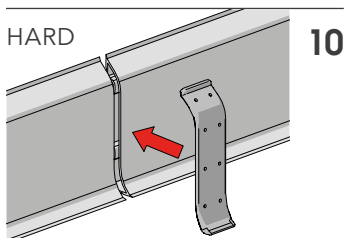
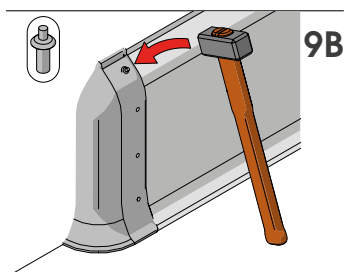
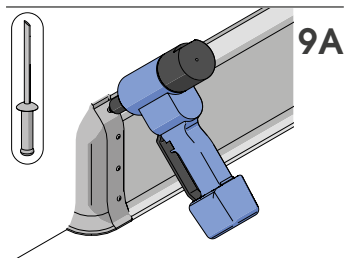
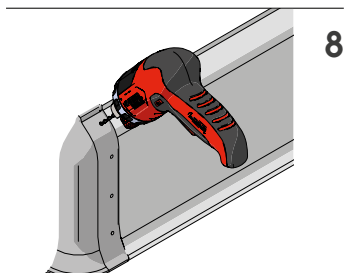
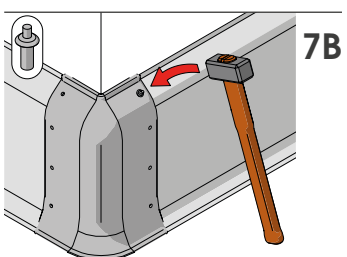
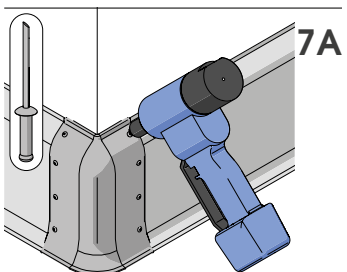
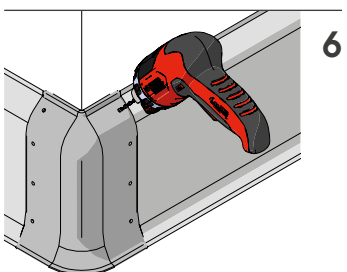
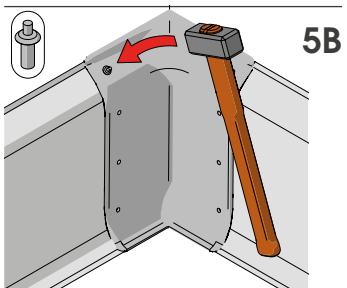
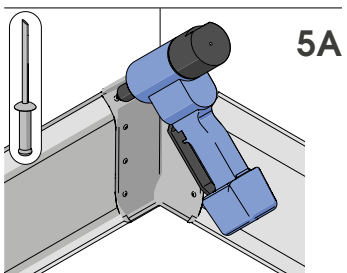
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4

KERB 300

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS



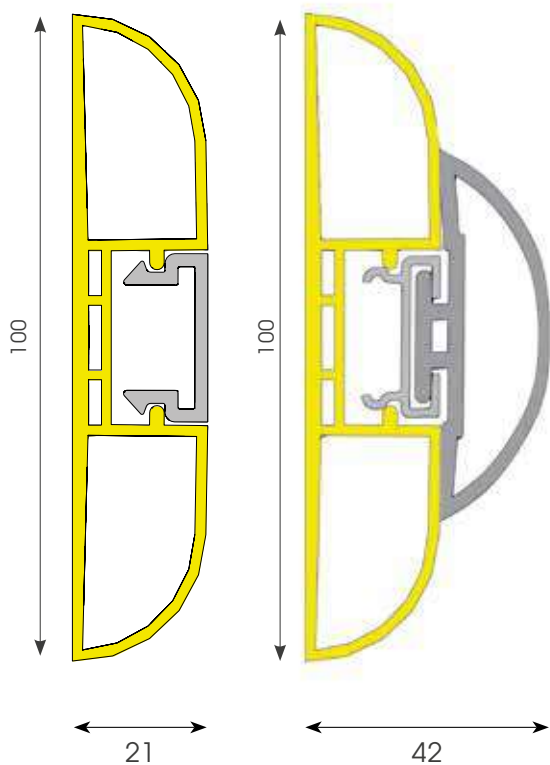
WP 100/150

PROTEZIONE PER PARETI
WALLS PROTECTION



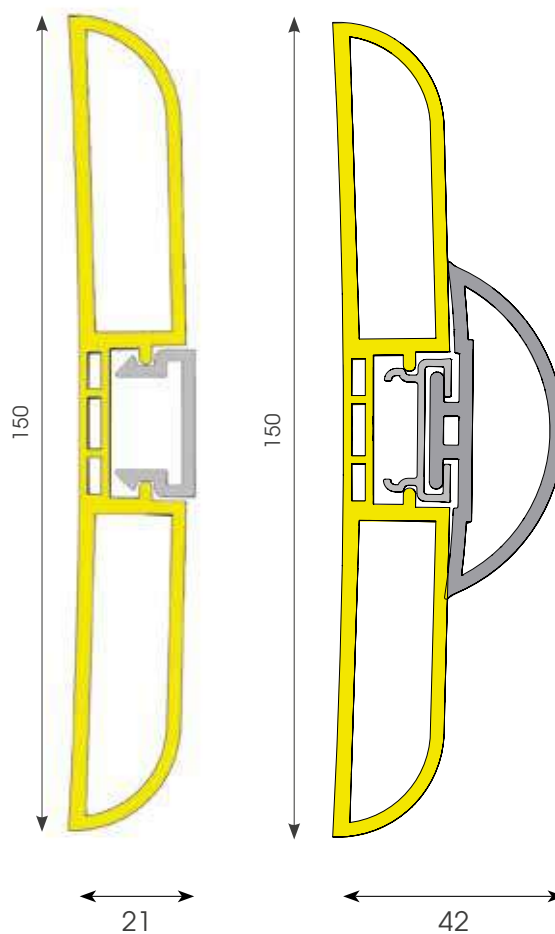
WP 100

WP 150



*WITH WPC

*WITH WPCS



*WITH WPC

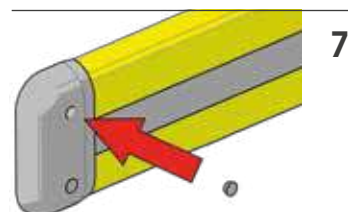
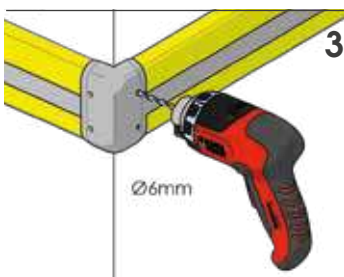
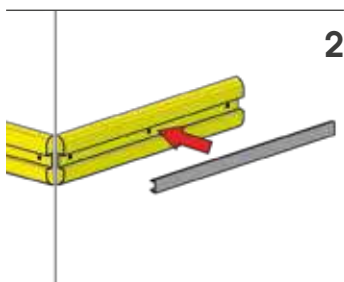
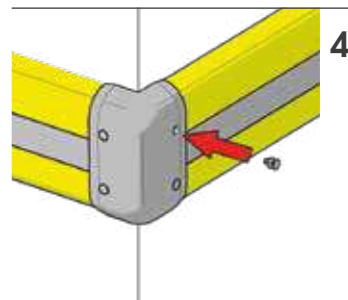
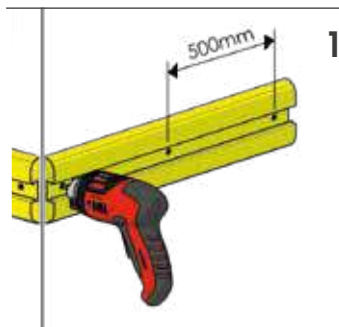
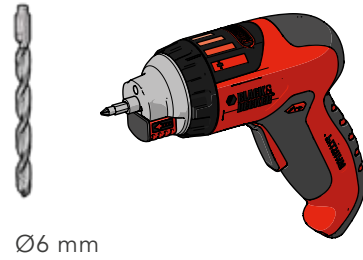
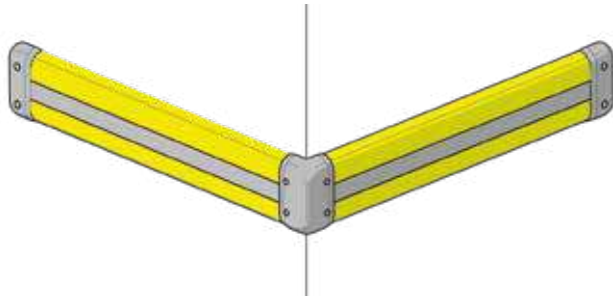
*WITH WPCS

WARNING

The product is not equipped with fixing accessories for the wall.
Use self-drilling button head cap screw $\varnothing 3.9$ if mounted to panel or wood walls.
Use plastic plugs $\varnothing 3.9$ if mounted to concrete walls.

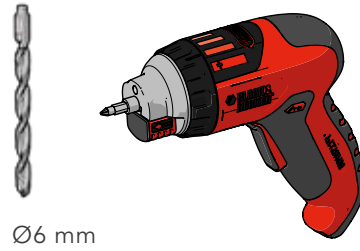
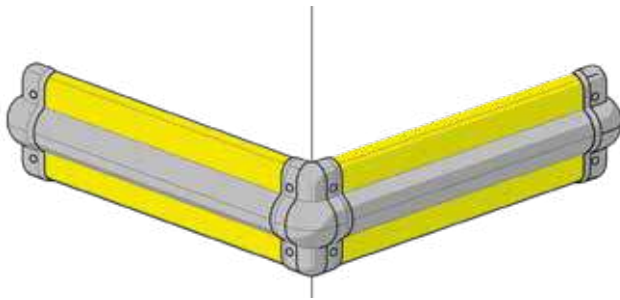
WP 100

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

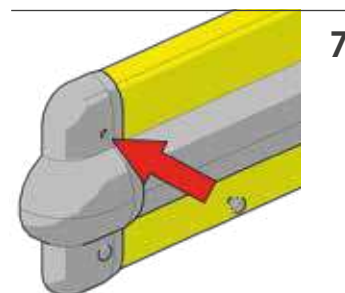
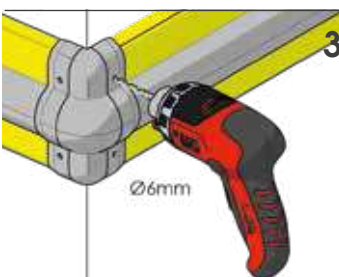
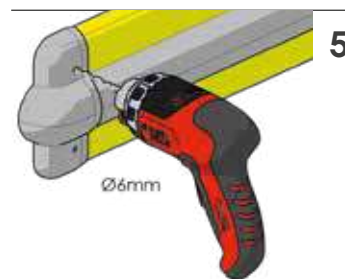
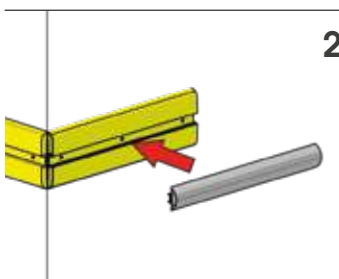
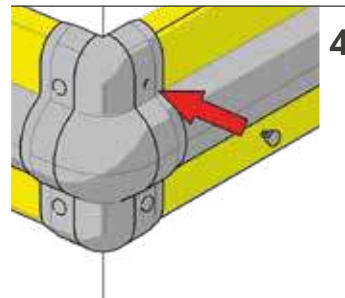
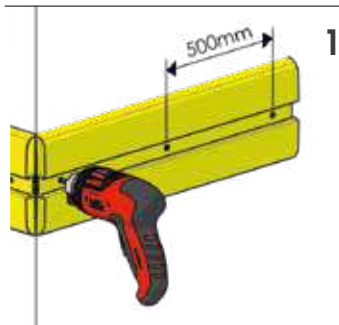


WP 150

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS

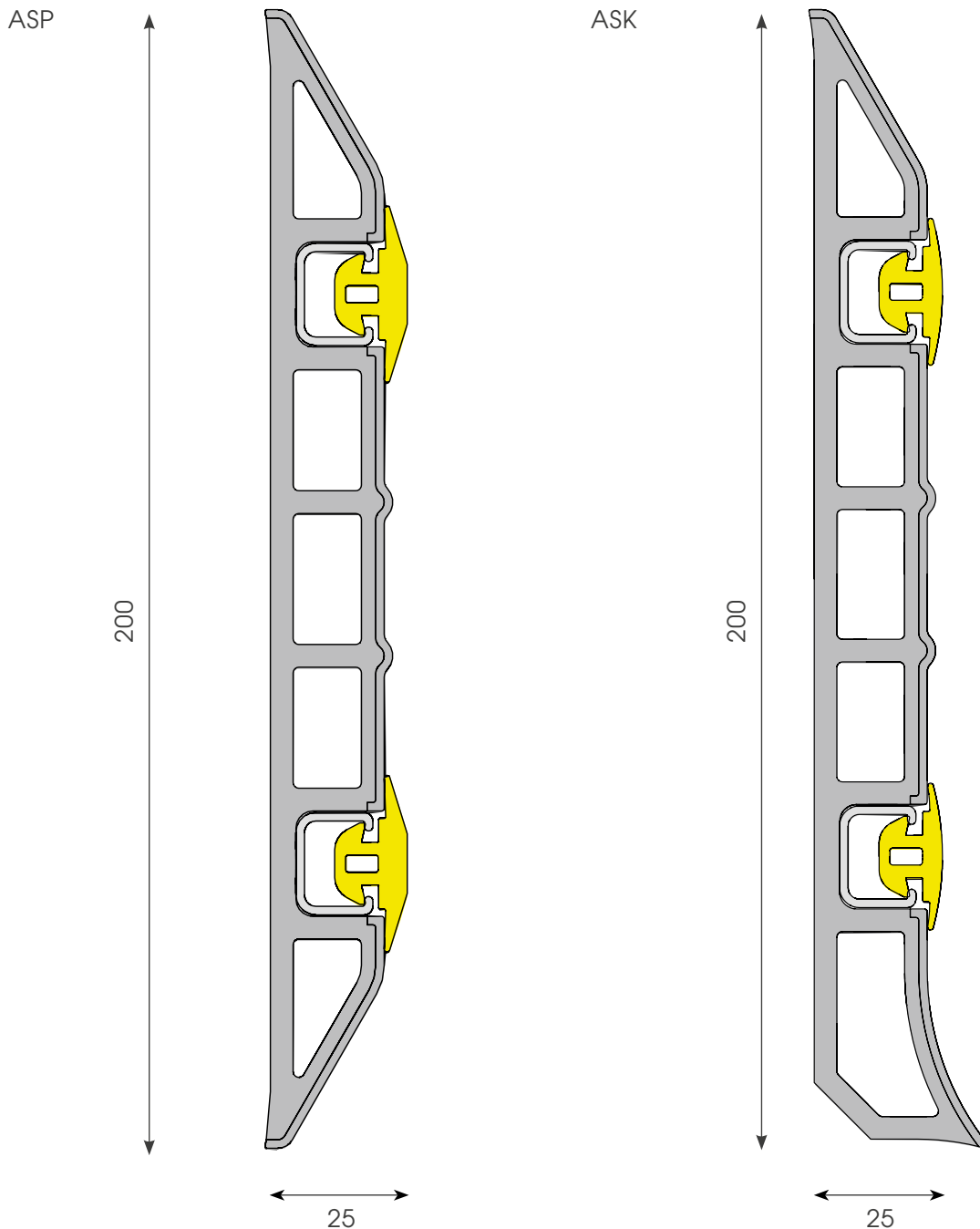


Ø6 mm



ASP/ASK 200

SISTEMA ANTISHOCK
ANTISHOCK SYSTEM

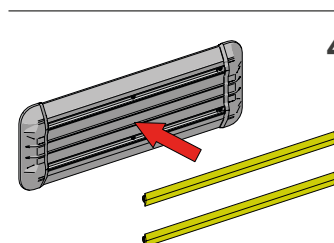
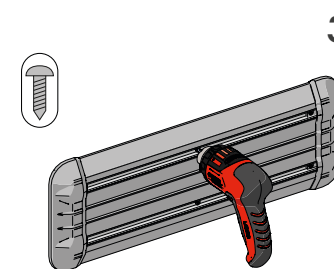
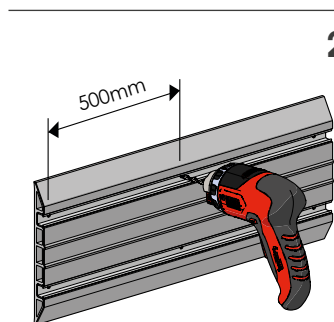
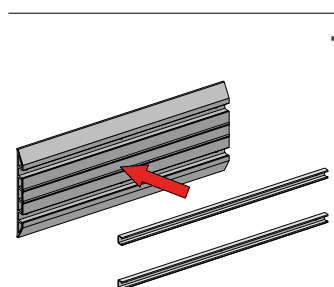
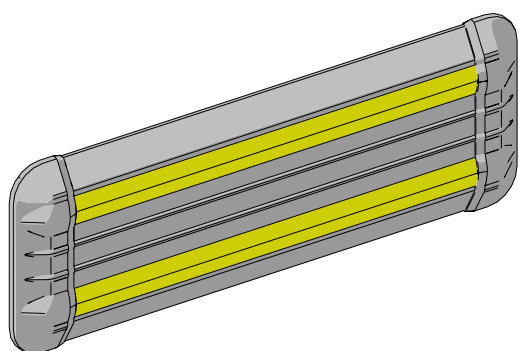
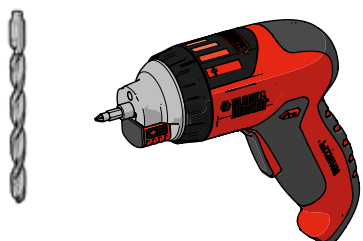


WARNING

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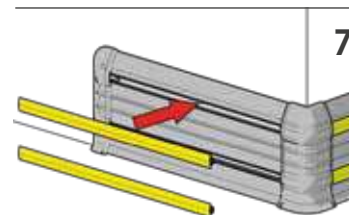
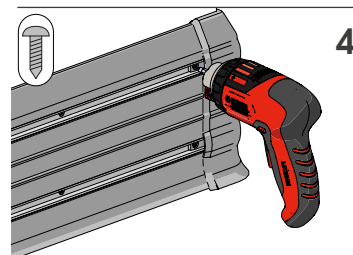
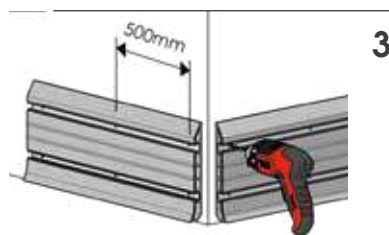
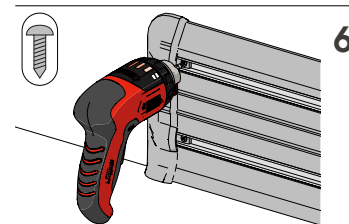
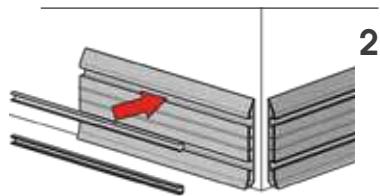
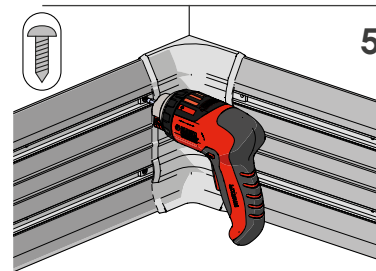
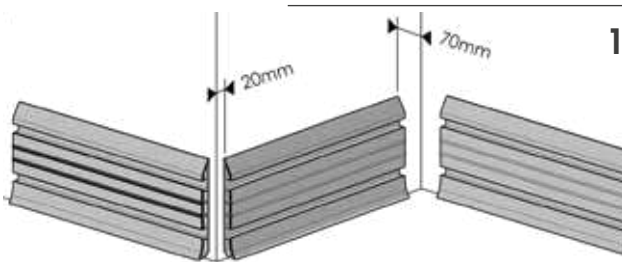
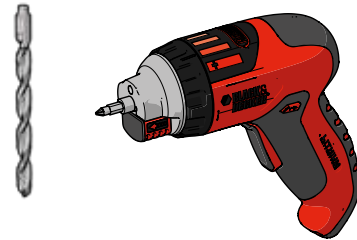
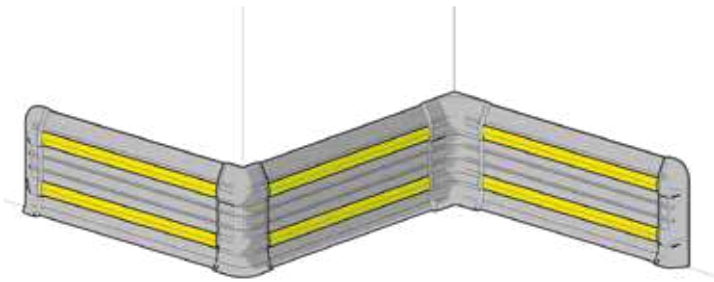
ASP 200

ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS





ASK 200





















ISTRUZIONI DI INSTALLAZIONE
ASSEMBLY INSTRUCTIONS













MPM 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 RACK PROTECTOR 	ANY									1.280,00
RC RACK PROTECTOR 	ANY									2.800,00
ROD BOLLARDS 	70									2.000,00
	120									3.600,00
GRD BOLLARDS 	90									1.600,00
	150									2.800,00
GR GUARD RAIL 	90			13.827,98	9.277,48	4.802,21	3.395,46	2772,13		2.400,00
	150			31.112,97	20.874,33	10.804,96	7.639,79	6.237,29		5.400,00
GRIN GUARD RAIL 	90	1.500		16.132,65	10.823,73	5.602,57	3.961,37	3.234,15		2.800,00
	150	2.000		45.378,84	30.445,60	15.759,24	11.142,78	9.097,21		7.876,00
SM GUARD RAIL 		1.500		4.762,50	3.195,00	1.654,00	1.170,00	954,94		827,00
LM GUARD RAIL 		1.500		19.589,64	13.143,10	6.803,12	4.810,24	3.927,18		3.400,00

PRODUCT	MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW					
				10	15	30	45	60	90
FENCE GUARD RAIL 	90	1.500		4.609,32	3.092,49	1.600,73	1.131,82	924,04	800,00
	150	1.500		18.140,00	12.171,00	6.300,00	4.455,00	3.637,3	3.150,00
	150 REF	1.500		18.140,00	12.171,00	6.300,00	4.455,00	3.637,3	3.150,00
	150 LINK	2.000		50.101,30	33.614,22	17.400,00	12.303,66	10.045,89	8.700,00
LINK MODULAR 	SINGLE	2.000		50.101,30	33.614,22	17.400,00	12.303,66	10.045,89	8.700,00
	LM	2.000		100.202,61*	67.228,44*	34.800,00*	24.607,32*	20.091,79*	17.400,00*
	150/1	2.000		50.101,30	33.614,22	17.400,00	12.303,66	10.045,89	8.700,00
	150/2	2.000		100.202,61*	67.228,44*	34.800,00*	24.607,32*	20.091,79*	17.400,00*
	150/3	2.000		150.303,91*	100.842,66*	52.200,00*	36.910,97*	30.137,68*	26.100,00*
HR 90 GUARD RAIL 		1.500		9.501,90*	6375,00*	3300,00*	2333,40*	1905,27*	1650,00*
PEDESTRIAN GUARD RAIL 	90	1.500		17.284,98*	11.596,85*	6.002,76*	4.244,33*	3.465,16*	3.000,00*
	90 REF	2.000		45.378,84	30.445,60	15.759,24	11.142,78	9.097,21	7.876,00
	150	1.500		36.298,46*	24.353,39*	12.605,79*	8.913,09*	7.276,84*	6.300,00*
	90 4 PE	1.500		23.046,64*	15.462,47*	8.003,68*	5.659,10*	4.620,21*	4.000,00*
	150 4 PE	2.000		48.397,95*	32.471,19*	16.807,72*	11.884,12*	9.702,45*	8.400,00*
	150 REF LINK	2.000		50.101,30	33.614,22	17.400,00	12.303,66	10.045,89	8.700,00



PRODUCT	MODEL	RAIL LENGTH	LOAD TYPE	ULTIMATE LOAD (JOULES) FOR IMPACT ANGLE DEGREES BELOW					
				10	15	30	45	60	90
TOWER GUARD RAIL 				36.298,46*	24.353,39*	12.605,79*	8.913,09*	7.276,84*	6.300,00*
COPRO GUARD RAIL 	90			13.827,98	9.277,48	4.802,21	3.395,46	2772,13	2.400,00
	150			31.112,97	20.874,33	10.804,96	7.639,79	6.237,29	5.400,00
CP CORNER PROTECTION 	100			2.649,00	1.777,00	920,00	650,50	531,16	460,00
	200			3.743,20	2.511,00	1.300,00	919,20	750,56	650,00

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

LEGEND SYMBOLS	VEHICLE LOAD	VEHICLE TYPE	LEGEND SYMBOLS	VEHICLE LOAD	VEHICLE TYPE
 LIGHT LOAD FOR HANDPALLET TRUCKS		ELECTRIC PEDESTRIAN TRUCK	 HEAVY LOAD FOR FORKLIFTS		LIGHTWEIGHT COUNTERBALANCE FORKLIFT TRUCK
		ELECTRIC PEDESTRIAN STACKER			ENGINE HEAVY DUTY FORKLIFT TRUCK
		MANUAL PALLET TRUCK			ELECTRIC PALLET TRUCK WITH RIDER PLATFORM

MPM PRODUCT WARRANTY

MPM provides a warranty for the product supplied, in accordance with articles 1490 et seq. of the Italian Civil Code.

The warranty lasts for one year and shall begin from the product delivery date. The warranty shall cover the free repair and/or replacement of the defective piece. Product transport costs are payable by the buyer.

The warranty shall be void if the buyer fails to report the defect(s) within eight days after discovering them; the deadline for reporting obvious visible defects shall be calculated from the delivery date. Defects must be reported in writing (by registered post or via certified email).

MPM reserves the right to verify whether the defect exists. MPM reserves the right to replace the entire product.

The warranty does not cover parts damaged during transport, parts that are subject to normal wear and tear and deterioration caused by weather and environmental conditions or parts that are damaged as a result of accident, impact, inexperience or improper use or unauthorised use, damaged as a result of unauthorized repairs or modifications or tampering.

The warranty will be considered valid only if, according to MPM's discretionary assessment, all rules of installation and use of the supplied product as defined in the technical catalogue on the corporate website (www.mpmpvc.com), have been complied with. The warranty will be invalidated if it turns out that the correct maintenance was not carried out and/or if the supplied product has been tampered with or interventions were performed by individuals not authorized by the supplier; if MPM has performed the installation, the warranty will be invalidated if unauthorized work is carried out by third parties after the installation. MPM shall accept no responsibility if the product has not been installed correctly or if the due maintenance has not been carried out.

The safety coefficient and consequent use of the product requires preliminary screening by a designer who will necessarily have to take account of the actual installation conditions, considering that instructions contained in catalogues, orders, transport documents invoices or any other documentation showing the product characteristics, should not be considered suitable to compensate for any lack of design or technical testing required for installation of the product. In any case, it is necessary to comply with the appropriate assembling and installation instructions. MPM will accept no liability for the use of products in situations that have not been preceded by the above-mentioned checks.

Images in the brochure are for advertising purposes only and do not in any way represent how the products should be used.



Impact resistance and production tolerances

Impact forces indicated in the brochure, or in other documents, refer to laboratory tests and cannot take account for consequences determined by installation modes 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 that can be affected by alterations from incorrect maintenance and old age, as well as the methods and characteristics of installation (with specific reference to floor-mounted products like the latter); the weight, dimensions, colours 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.

Limit of liability

The maximum liability under this warranty shall not exceed the amount paid by the purchaser for the product. MPM shall not be liable for damages to reputation, loss of business, loss of contracts, loss of revenues, etc..

Heating

Protections performances can be affected in environments with temperatures below 0°C or higher than 50°C.

Colour

The fastness of the colour and its brightness depend on wear and tear and climatic conditions that can affect its intensity over time.



MADE IN
ITALY



mpm
PLASTIC PROTECTIONS



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