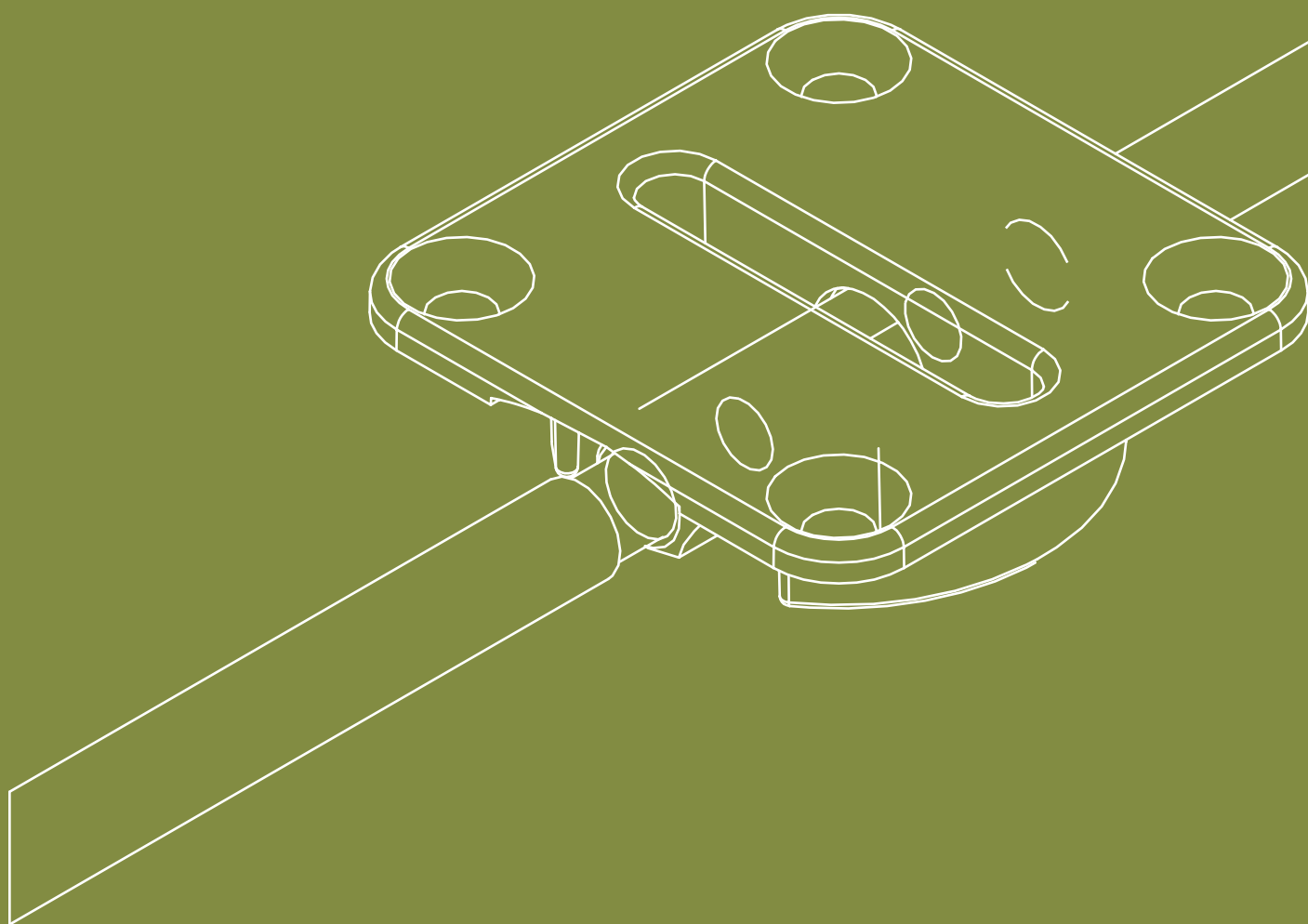




Recessed wardrobe adjusters

SERIA TN 100

TN100 Series

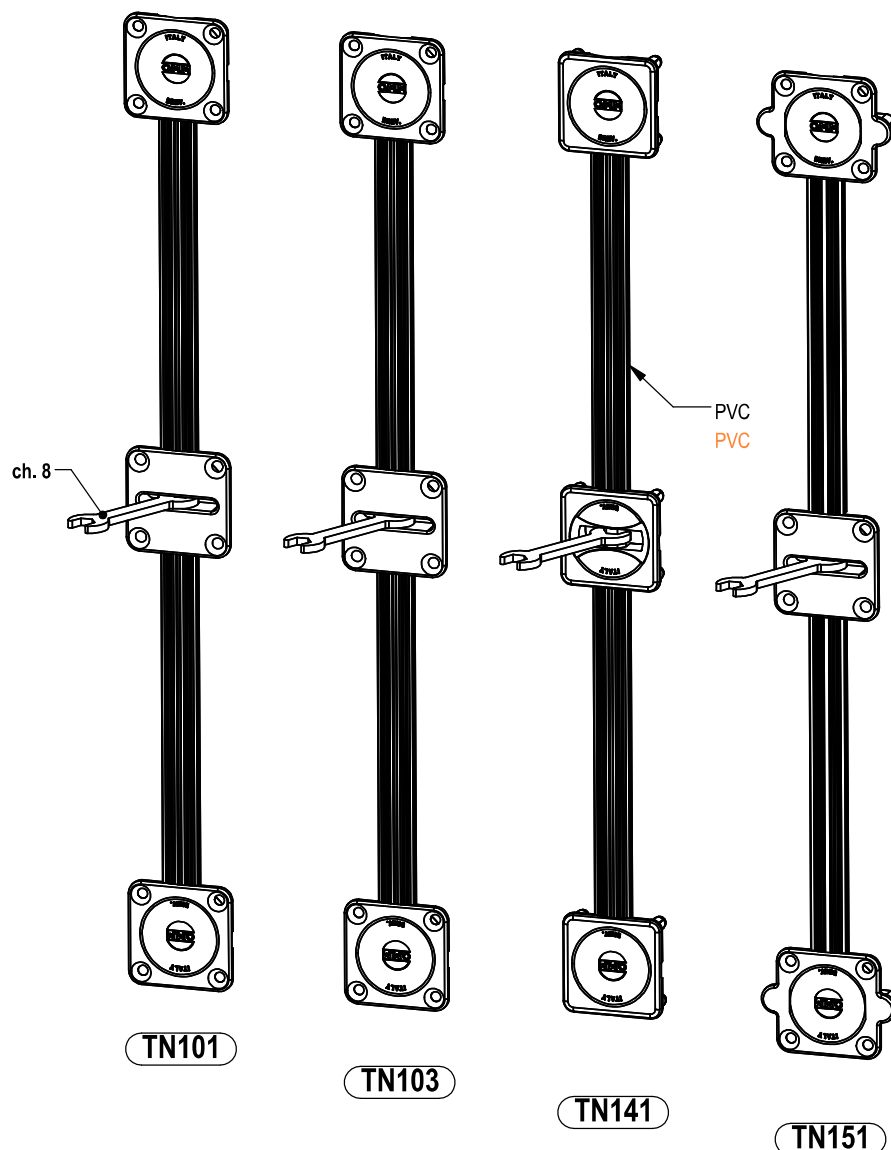
TN100 SERIES TENSIONERS ARE NORMALLY ASSEMBLED ON WOODEN PANELS OR AGGLOMERATES. ALSO USED ON HOLLOW WOOD PANELS.

KEY FEATURES:
CENTRAL ADJUSTMENT.
SYMMETRIC MACHINING.
FIXING SYSTEM WITH OR WITHOUT SCREWS.

MINIMUM PANEL THICKNESS 16
ADJUSTMENT ± 10
MINIMUM CENTRE DISTANCE 1200
MAXIMUM CENTRE DISTANCE 2800

NAPINACZE SERII TN100 SĄ MONTOWANE W PŁYTY WÓROWE, MDF I DREWNO.

KLUCZOWE CECHY:
REGULACJA CENTRALNA.
OBRÓBKA SYMETRYCZNA.
SYSTEM MOCOWANIA Z LUB BEZ WKRĘTÓW.
MINIMALNA GRUBOŚĆ PŁYTY 16 mm
REGULACJA ± 10 mm
MINIMALNA ODLEGŁOŚĆ OD OSI 1200 mm
MAKSYMALNA ODLEGŁOŚĆ OD OSI 2800 mm



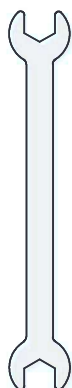
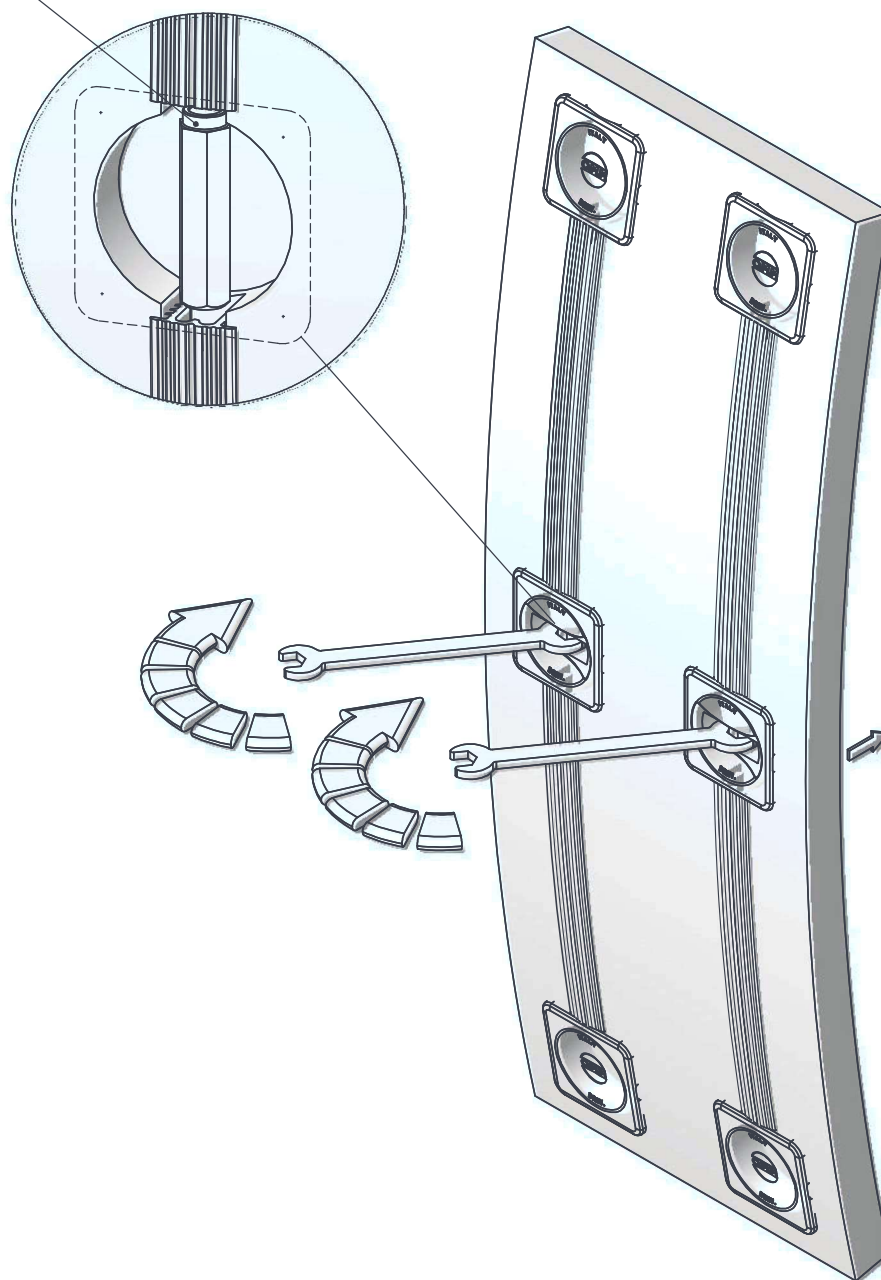
REGULACJA SERII TN 100

Adjusting scheme wardrobe adjusters TN100 series

WHEN ASSEMBLING MORE THAN ONE TENSIONER ON THE DOOR, IT IS IMPORTANT TO KEEP THE KEY ROTATION REFERENCE ON THE SAME SIDE.

KIEDY MONTUJESZ WIĘCEJ NIŻ JEDEN NAPINACZ NA DRZWI, WAŻNE JEST ABY ODRACAĆ KLUCZ W TĄ SAMĄ STRONĘ.

odniesienie do obrotu klucza
reference for the rotation of the key



WHEN ASSEMBLING MORE THAN ONE TENSIONER, IT IS IMPORTANT TO KEEP THE KEY ROTATION REFERENCE ON THE SAME SIDE.

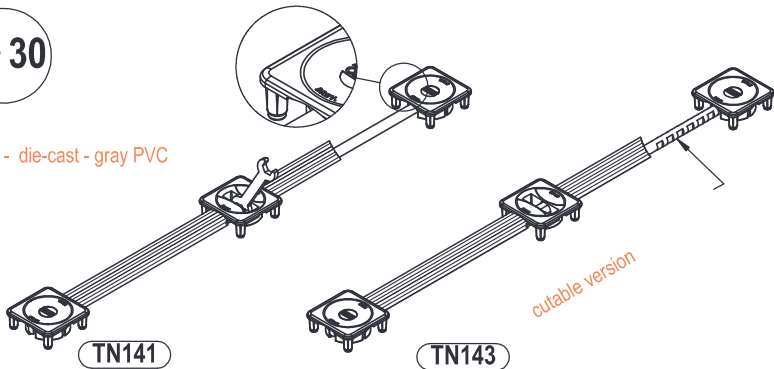
Recessed wardrobe adjuster TN141 - TN143 type

ICQ
Test Report 113710

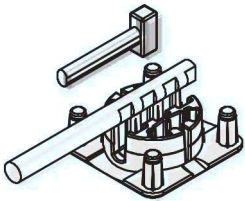
NORMALLY ASSEMBLED ON
WOODEN PANELS OR
AGGLOMERATES AND HOLLOW
WOOD PANELS.
FIXING WITHOUT SCREWS.
MINIMUM THICKNESS 16.
CENTRE DISTANCE: MINIMUM 1200
MAXIMUM 2800



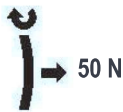
steel - die-cast - gray PVC



introduce the rod into the bush first, then assemble
the tensioner on the door.

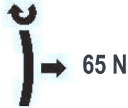


6 Nm

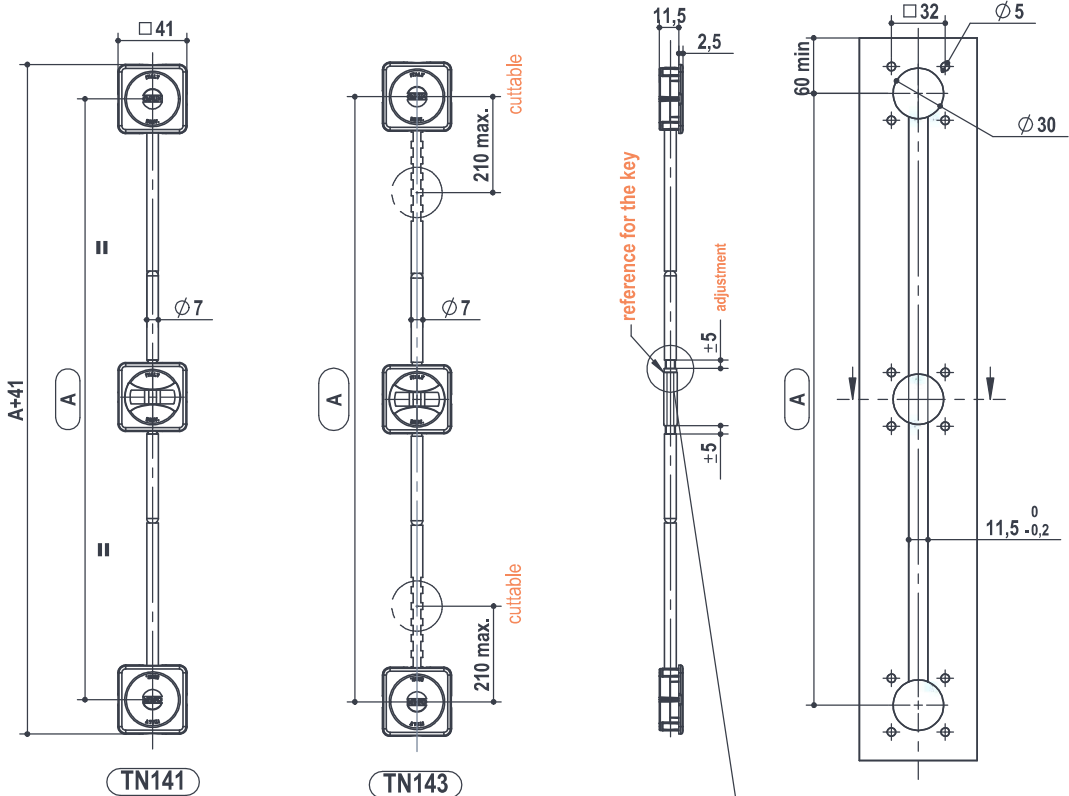


panel test 2500x400x20

6 Nm

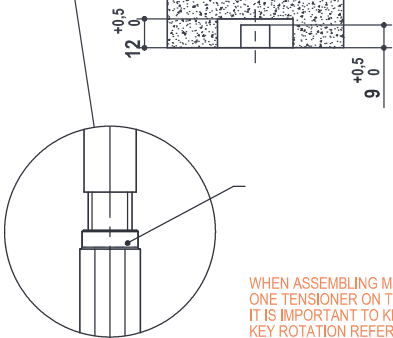


panel test 2500x400x28



type	wymiary typowe measure	A	finishing	box	kg / box
TN141.	1728.	1728	07 nickel	25	19,2
	1988.	1988			21,6
	2248.	2248			24
	2329.	2329			24,8
	2598.	2598			27,1

type	measure	A	finishing	box	kg / box
TN143.	2248.	2248	07 nickel	25	24
	2598.	2598			27,1



WHEN ASSEMBLING MORE THAN
ONE TENSIONER ON THE DOOR,
IT IS IMPORTANT TO KEEP THE
KEY ROTATION REFERENCE ON
THE SAME SIDE.

35

steel - die-cast - grey PVC

TN151

TN153

cuttable version

6 Nm



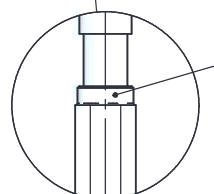
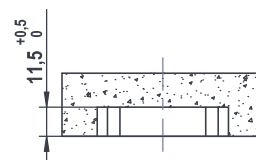
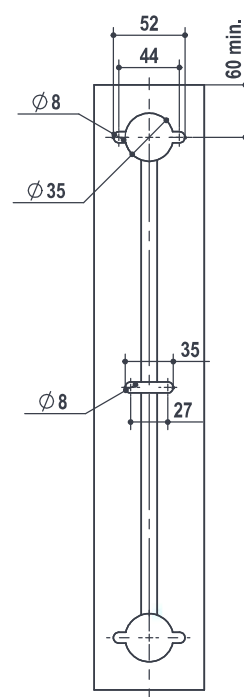
60 N

Technical drawings of two vertical cable assemblies, TN151 and TN153.

TN151: The drawing shows a cable with a diameter of $\varnothing 7$ mm. The top gland has a width of 55.59 mm, with mounting holes at 43 mm and 32 mm from the center. The bottom gland has a width of 210 mm. The total height is labeled $A + 43$. The cable length is labeled 210 max. The cable is labeled "cuttable" in red text.

TN153: The drawing shows a cable with a diameter of $\varnothing 7$ mm. The top gland has a width of 55.59 mm, with mounting holes at 43 mm and 32 mm from the center. The bottom gland has a width of 210 mm. The total height is labeled A . The cable length is labeled 210 max. The cable is labeled "cuttable" in red text.

Technical drawing of a door frame assembly. The drawing shows a vertical section of the frame with various components and dimensions. A red circle highlights a specific point, labeled "reference for the key" in red text. Dimensions are indicated in millimeters (mm): 11,5 mm at the top, 2,5 mm for a small gap, and two ±5 mm tolerances for the lower sections.



<u>type</u>	wymiary typowe <u>measure</u>	A	<u>finishing</u>	box	kg / box
TN151	1728.	1728	07 nickel	25	19,2
	1988.	1988			21,6
	2248.	2248			24
	2329.	2329			24,8
	2598.	2598			27,1

<u>type</u>	<u>measure</u>	A	<u>finishing</u>	box	kg / box
TN153	2248.	2248	07 nichelato nickel	25	24
	2598.	2598			27,1

Recessed wardrobe adjusters

SERIA TN210

TN210 Series

TN210 SERIES TENSIONERS ARE NORMALLY ASSEMBLED ON WOODEN PANELS OR AGGLOMERATES. ALSO USED ON HOLLOW WOOD PANELS. MINIMUM THICKNESS 16.

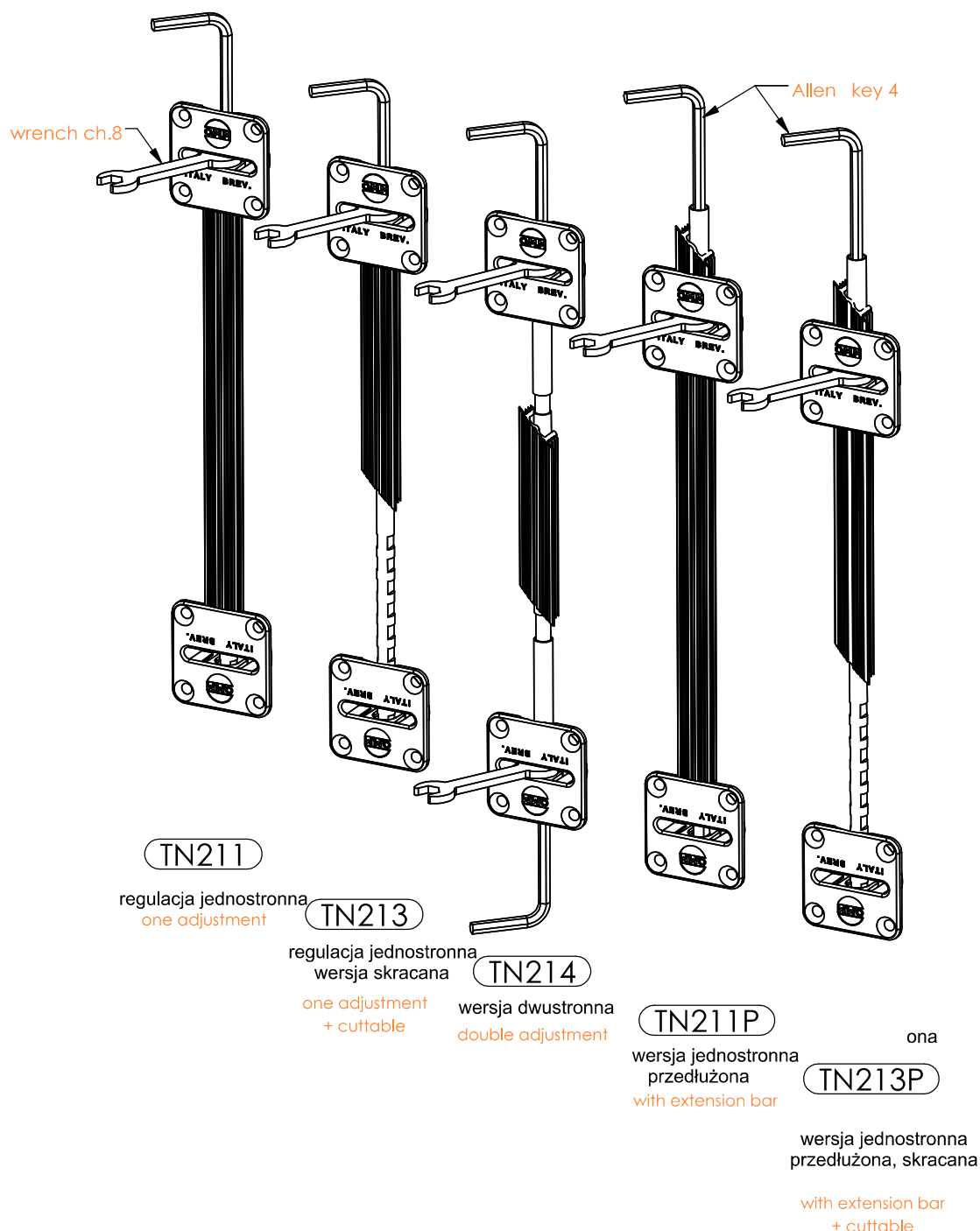
KEY FEATURES:
ADJUSTMENT WITH WRENCH ON TOP OR DOWN.
IT'S POSSIBLE AJUST ON TOP WITH EX. 4 KEY.
THE SINGLE ROD HAS THE ADVANTAGE OF REDUCING THE PARTS TO ASSEMBLE AND MACHINING OPERATIONS.
TO CUSTOMISE JUST CUT ON ONE SIDE.

MINIMUM THICKNESS 16
ADJUSTMENT ± 10
MINIMUM CENTRE DISTANCE 1200
MAXIMUM CENTRE DISTANCE 2800

NAPINACZE SERII TN210 SĄ MONTOWANE W PŁYTY WÓROWE, MDF I DREWNO.

KLUCZOWE CECHY:
REGULACJA OD CZOŁA LUB OD KANTU PANELA.
FREZOWANIE NA 2 PUSZKI.

MINIMALNA GRUBOŚĆ PŁYTY 16 mm
REGULACJA ± 10 mm
MINIMALNA ODLEGŁOŚĆ OD OSI 1200mm



Recessed wardrobe adjusters TN211 TN213 TN214 type

NORMALLY ASSEMBLED ON
WOODEN PANELS OR
AGGLOMERATES AND HOLLOW
WOOD PANELS.
FIXING WITH SCREWS.
MINIMUM THICKNESS 16.
CENTRE DISTANCE: MINIMUM 1200
MAXIMUM 2800

6 Nm

60 N

panel test 2500x400x20

6 Nm

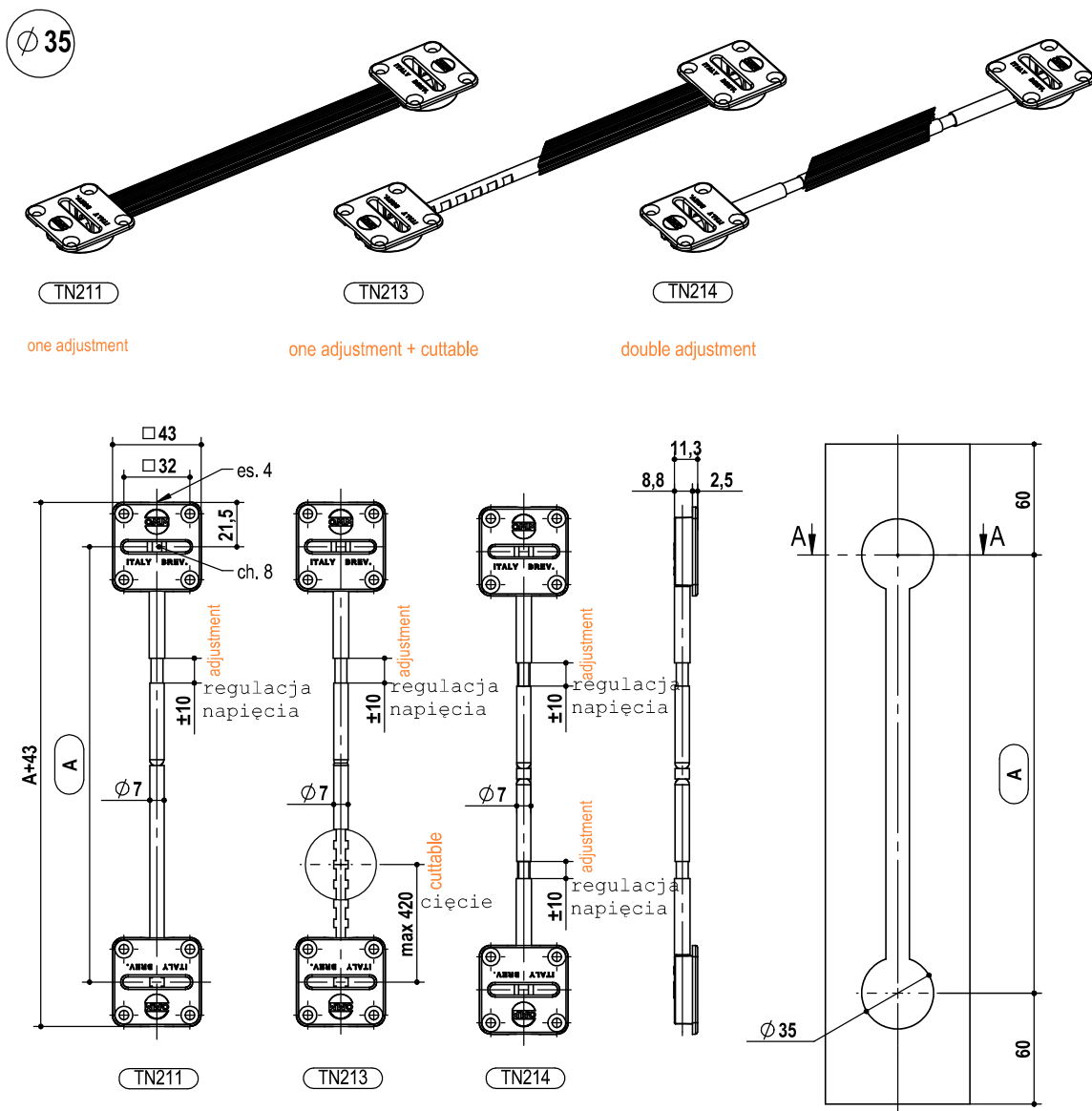
75 N

panel test 2500x400x28



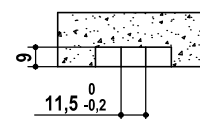
plastic cover cap

zaślepka plastikowa



<u>type</u>	wymiary typowe <u>measure</u>	A	<u>finishing</u>	box	kg / box
TN211.	1740.	1740	07 nickel	25	18,1
	2040.	2040			20,9
	2195.	2195			22,3
	2330.	2330			23,5
	2600.	2600			26,3

<u>type</u>	<u>measure</u>	A	<u>finishing</u>	box	kg / box
TN213.	2040.	2040	nickel	25	20,9
TN214.	2330.	2330			23,5
	2600.	2600			26,3



Recessed wardrobe adjusters TN211P TN213P type

NORMALLY ASSEMBLED ON
WOODEN PANELS OR
AGGLOMERATES AND HOLLOW
WOOD PANELS.
FIXING WITH SCREWS.
MINIMUM THICKNESS 16.
CENTRE DISTANCE: MINIMUM 1200
MAXIMUM 2800

6 Nm



panel test 2500x400x20

6 Nm

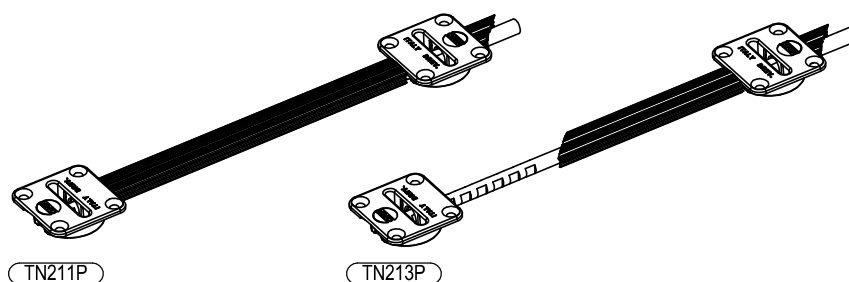


panel test 2500x400x28



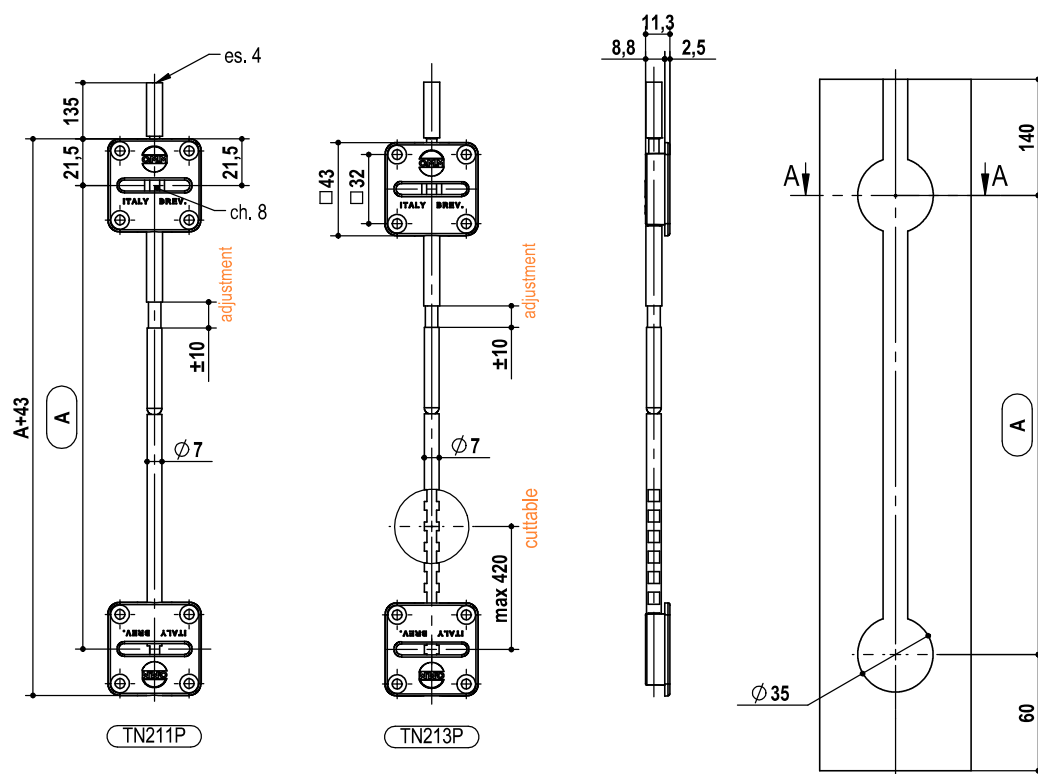
plastic cover cap

Ø 35



with extension bar

with extension bar + cuttable



type	measure	A	finishing	box	kg / box
TN211P.	1740.	1740	07 nichelato nickel	25	18,1
	2040.	2040			20,9
	2195.	2195			22,3
	2330.	2330			23,5
	2600.	2600			26,3

type	measure	A	finishing	box	kg / box
TN213P	2040.	2040	07 nichelato nickel	25	20,9
	2330.	2330			23,5
	2600.	2600			26,3

TN400 SERIES TENSIONERS ARE
NORMALLY ASSEMBLED ON
HOLLOW WOOD PANELS.

KEY FEATURES:
SINGLE AND DOUBLE ADJUSTMENT.
SINGLE ADJUSTMENT IS NORMALLY
PLACED ON THE TOP.
ADJUSTMENT: SINGLE ± 10
DOUBLE ± 20
CENTRE DISTANCE: MINIMUM 1200
MAXIMUM 2800

NAPINACZE SERII TN400

SĄ MONTOWANE W PŁYTY
WIÓRÓWE, MDF I DREWNO.

KLUCZOWE CECHY:

REGULACJA OD KRAWĘDZI.
JEDNO LUB DWUSTRONNA

MINIMALNA GRUBOŚĆ
PŁYTY 16 mm
REGULACJA ± 10 mm, 20 mm
DLA WERSJI DWUSTRONNEJ

MOŻLIWOŚĆ CAŁOWITEGO
ZAKRYCIA NAPINACZA

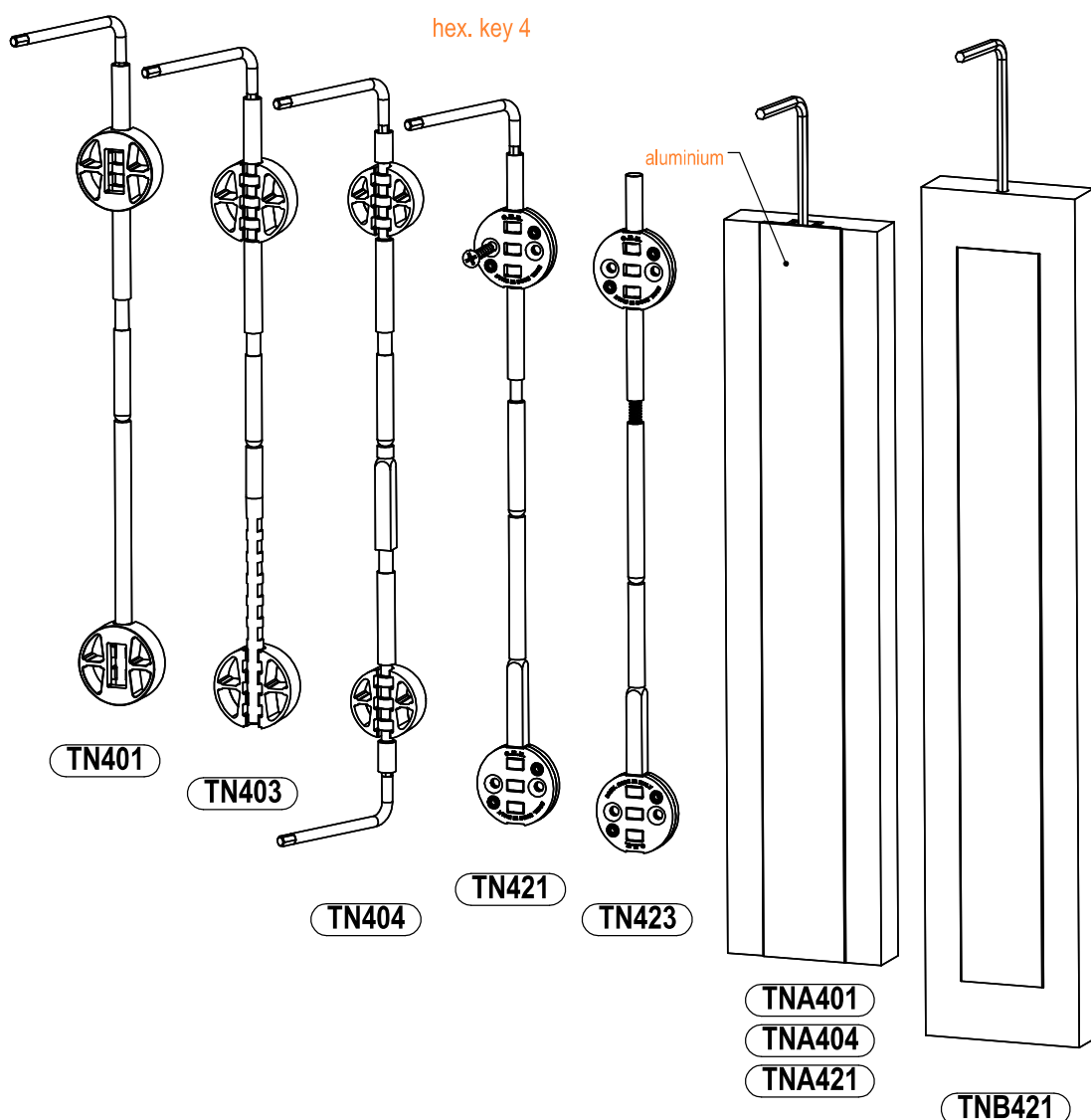
WERSJA SKRACANA 420 mm

Ukryte, niewidoczne napinacze

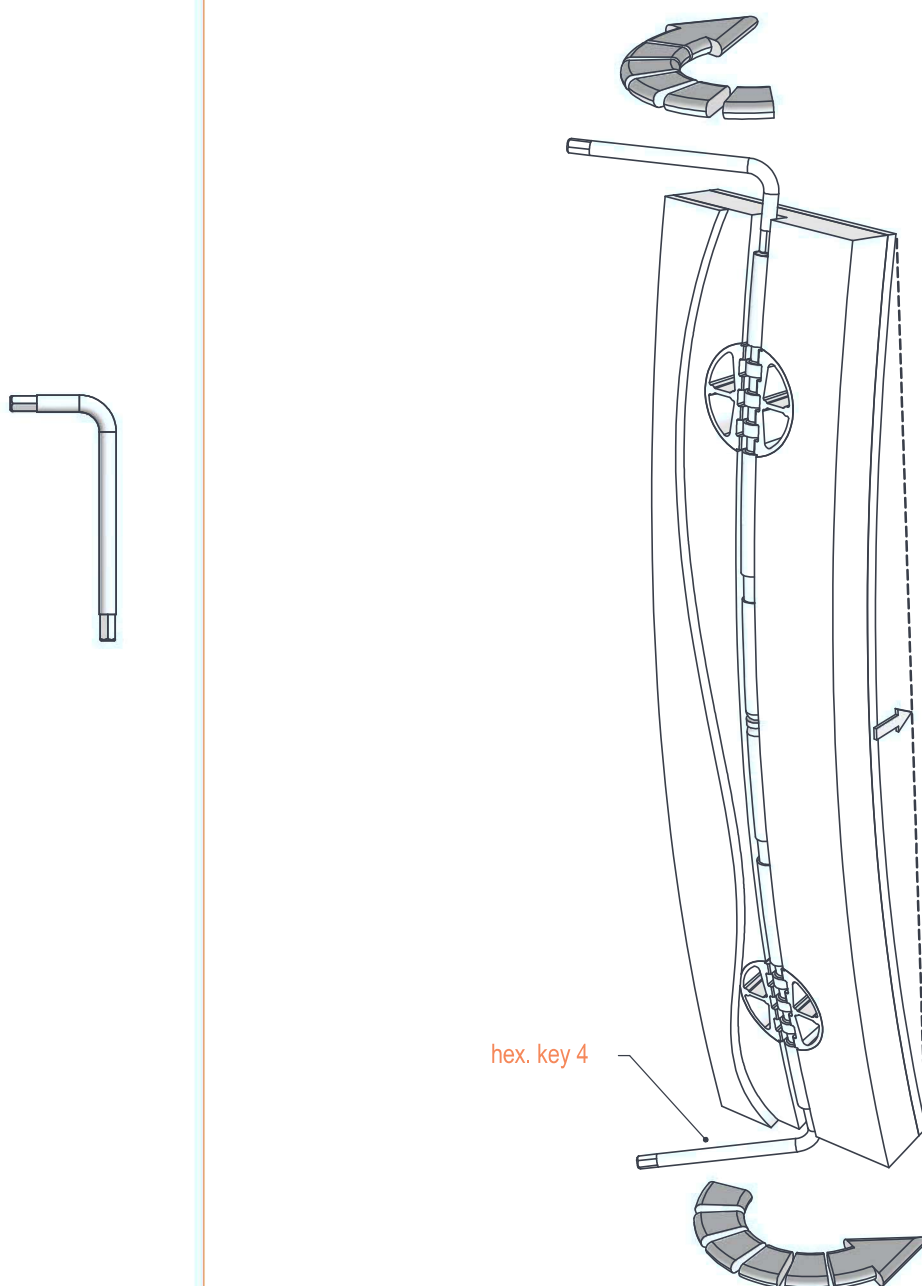
Hidden wardrobe adjusters

Seria TN400

TN400 Series



Sposób montażu i regulacji Adjusting scheme wardrobe adjusters TN400 series



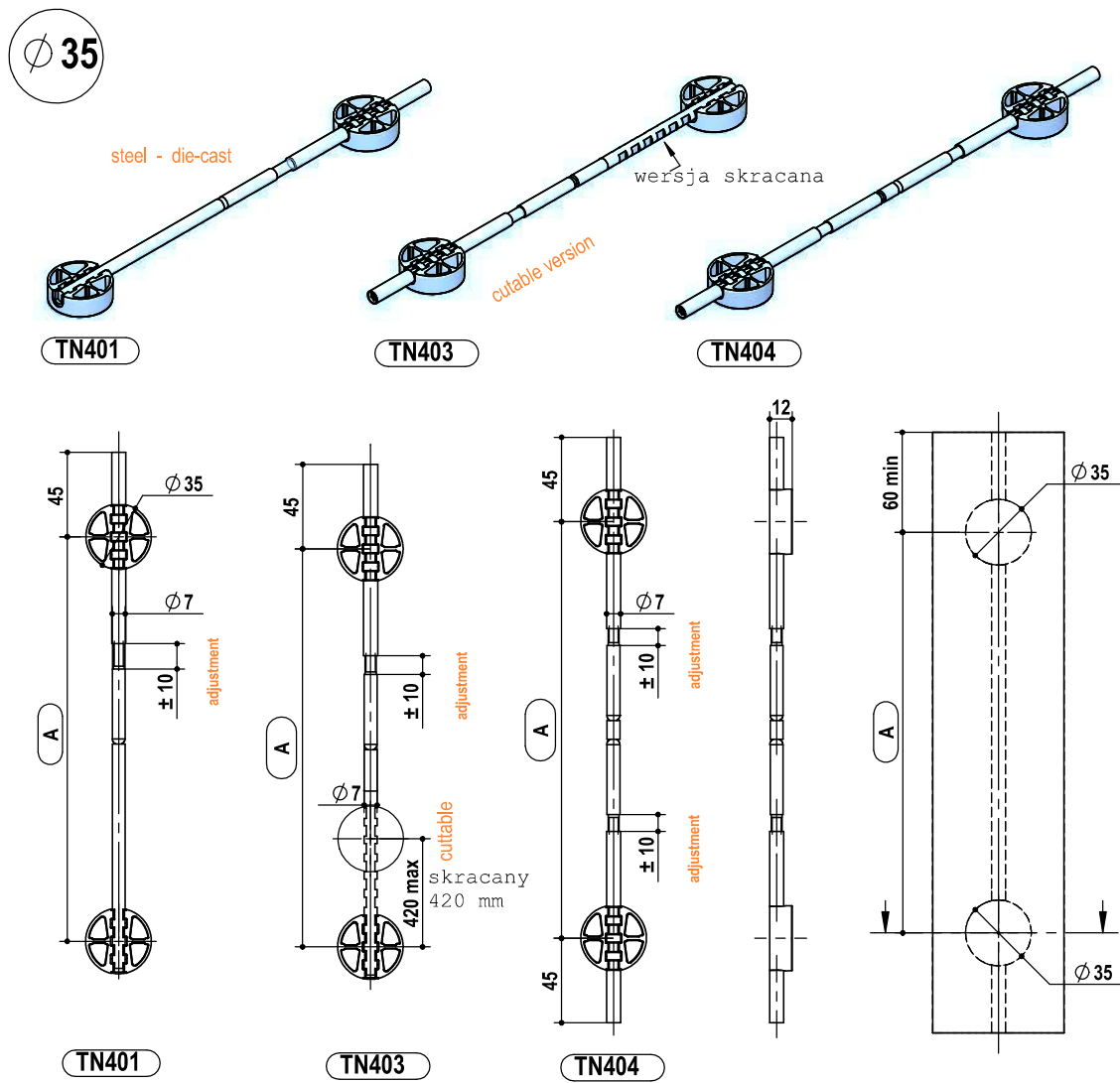
TN404

Hidden wardrobe adjuster TN401 TN403 TN404 type

NORMALLY USED ON HOLLOW WOOD PANELS.
MINIMUM THICKNESS 18-20,
DEPENDING ON THE THICKNESS OF
THE COVER, SEE FIG. 1
SINGLE AND DOUBLE ADJUSTMENT.
CENTRE DISTANCE: MINIMUM 1200
MAXIMUM 2800

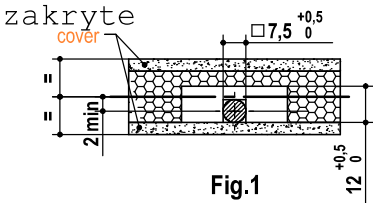
6 Nm
35 N
panel test 2500x460x20

6 Nm
95 N
panel test 2500x460x28



single adjustment cuttable version regolazione double adjustment

type	typowe wymiary measure	A	finishing	box	kg / box
TN401. TN404.	1700.	1700	00 raw	25	14.6
	2010.	2010			16,6
	2300.	2300			18,6
	2450.	2450			19,7
	2610.	2610			20,9
	2760.	2760			22
type	measure	A	finishing	box	kg / box
TN403.	1900.	1900	00 raw	25	16,8
	2610.	2610			18,6
	2300.	2300			20,9
	2800.	2800			21,8



Ø 30 steel - die-cast

6 Nm

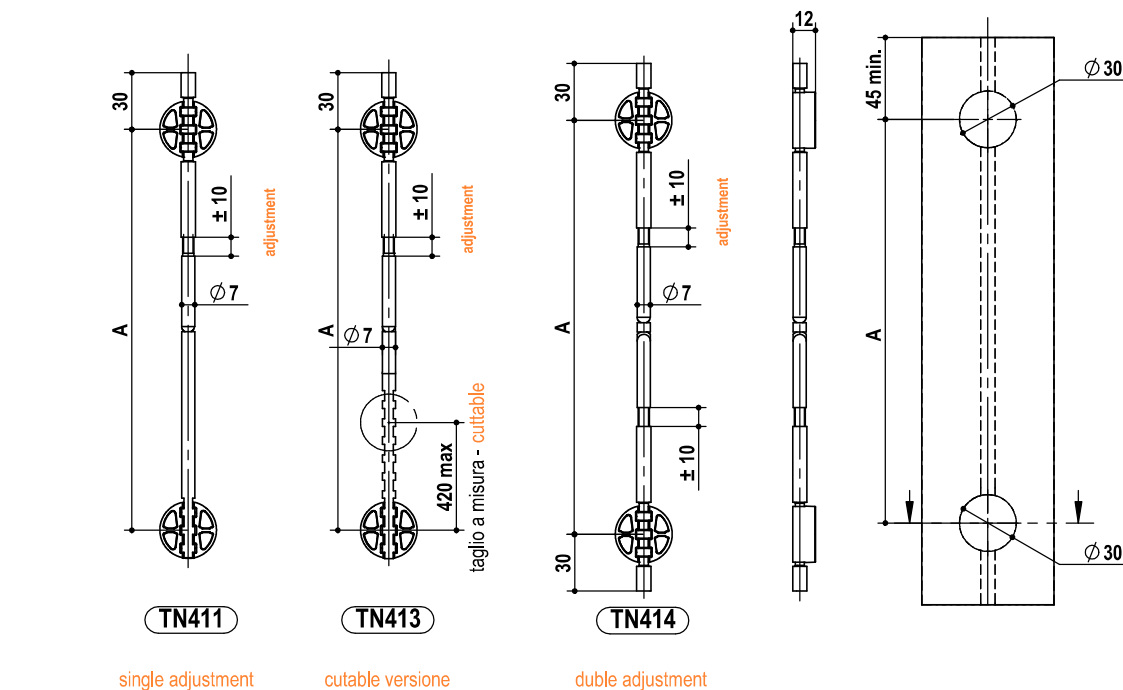
30 N

panel test 2500x460x20

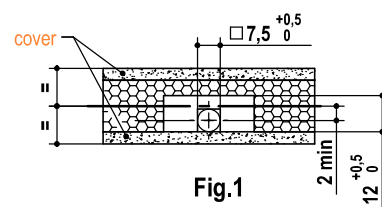
6 Nm

80 N

panel test 2500x460x28



type	measure	A	finishing	box	kg / box
TN413.	2300.	2300	00 raw	25	18,2
	2610.	2610			20,5

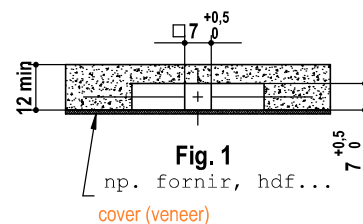


$\varnothing 35$
 steel - die-cast
 możliwość zablokowania wkrętami
 possibility to block it on the plan with screws
 wersja skłaczana
 cuttable version
 TN421
 TN423

Diagram of a curved member with a 4 Nm counter-clockwise moment and a 150 N horizontal force.

System może być całkowicie zakryty np. cienkim laminatem, HDF lub fornirem.

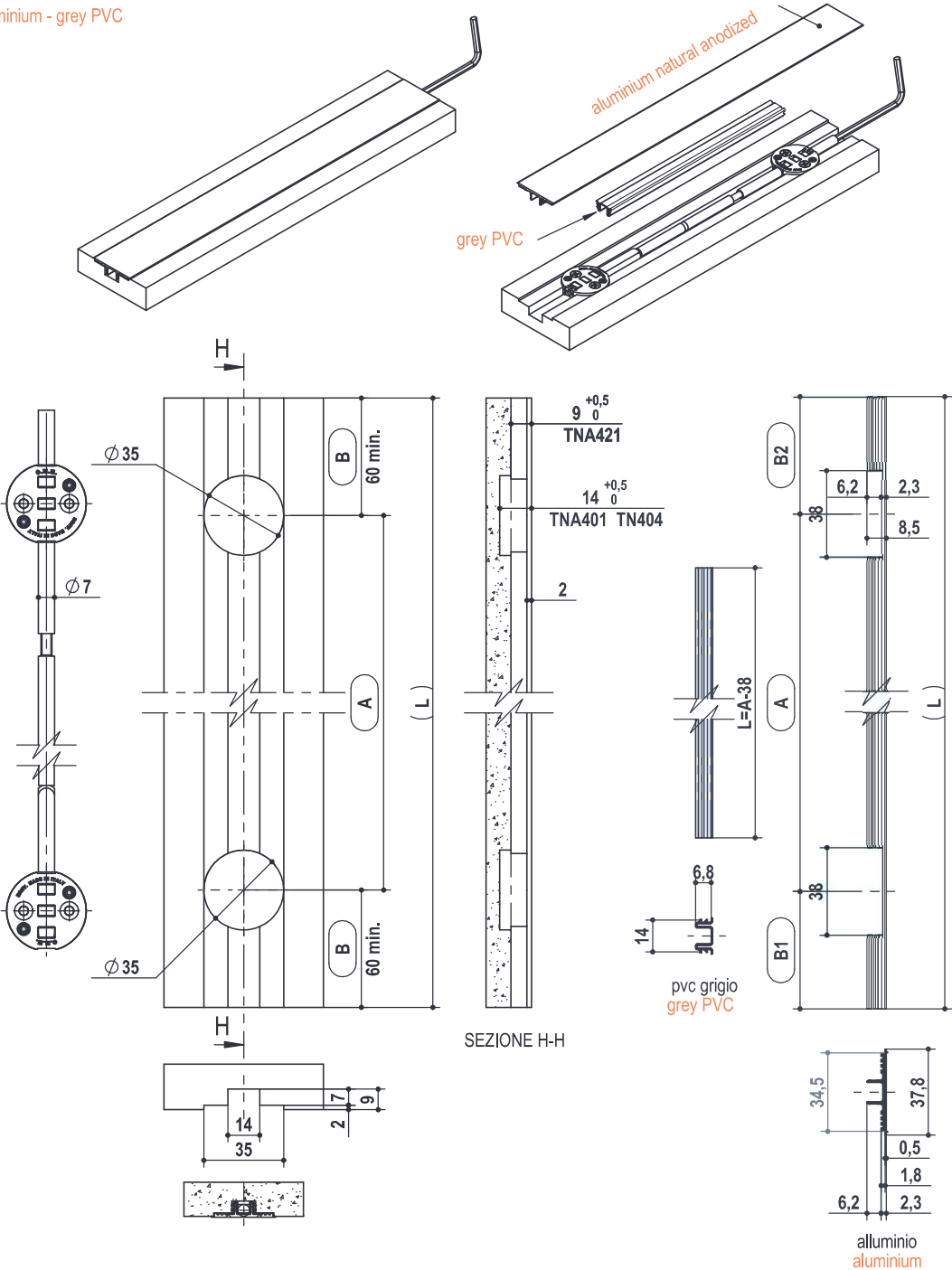
type	measure	A	finishing	box	kg / box
TN423.	2300.	2300	00 grezzo <i>raw</i>	25	18,2
	2610.	2610			20,5



Wardrobe adjuster with aluminium cover TNA401 TNA404 TNA421 type

aluminium - grey PVC

ALUMINIUM COVER NORMALLY
COMBINED WITH DOOR ADJUSTERS
TN400 SERIES.

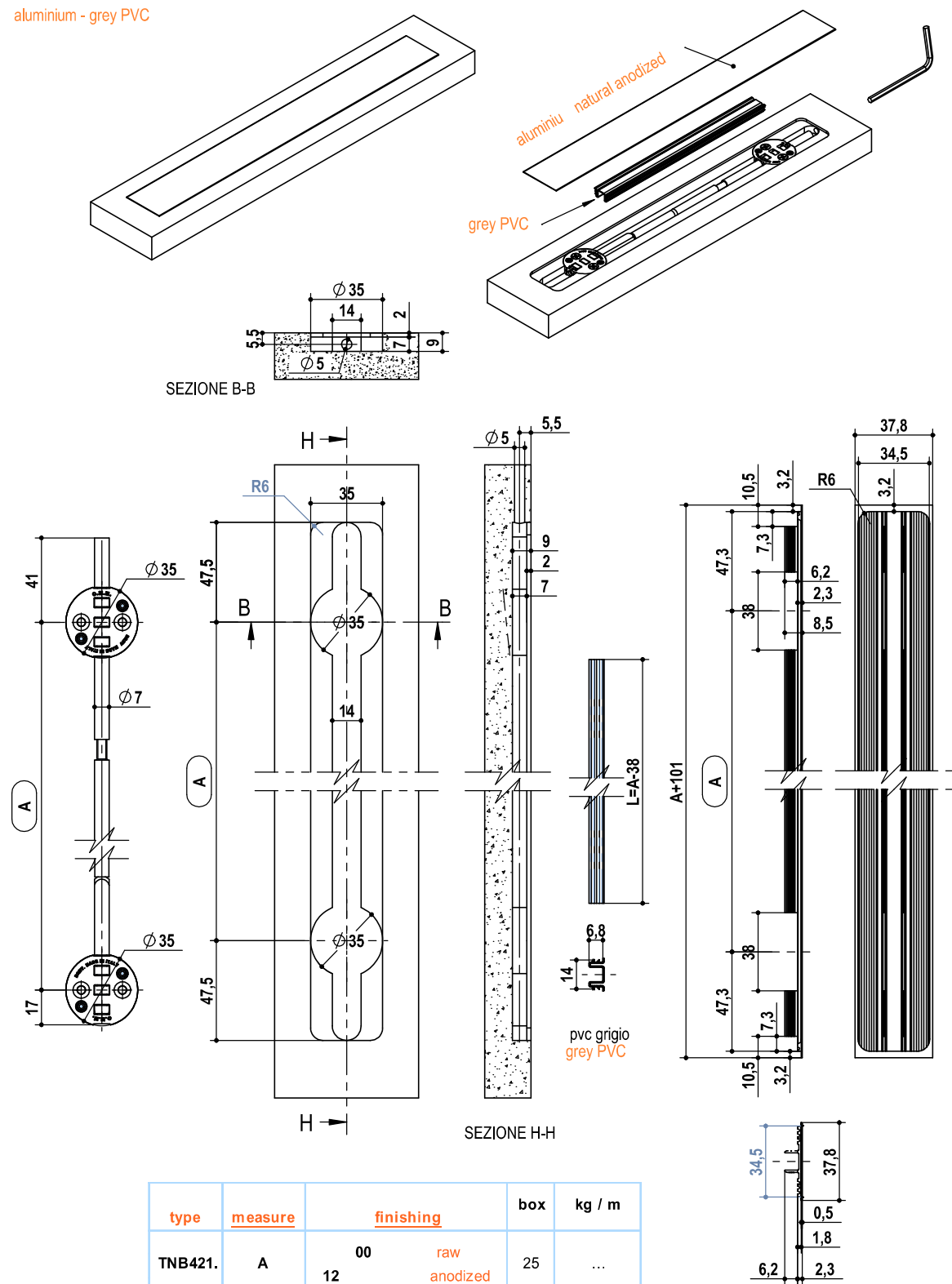


type	measure	measure	measure	finishing	box	kg / m
TNA401. TNA404. TNA421.	A	B1	B2	00 raw 12 n. anodized	25	...

Wardrobe adjuster with aluminium cover TNB421 type

aluminium - grey PVC

ALUMINIUM COVER NORMALLY
COMBINED WITH DOOR ADJUSTERS
TN400 SERIES.

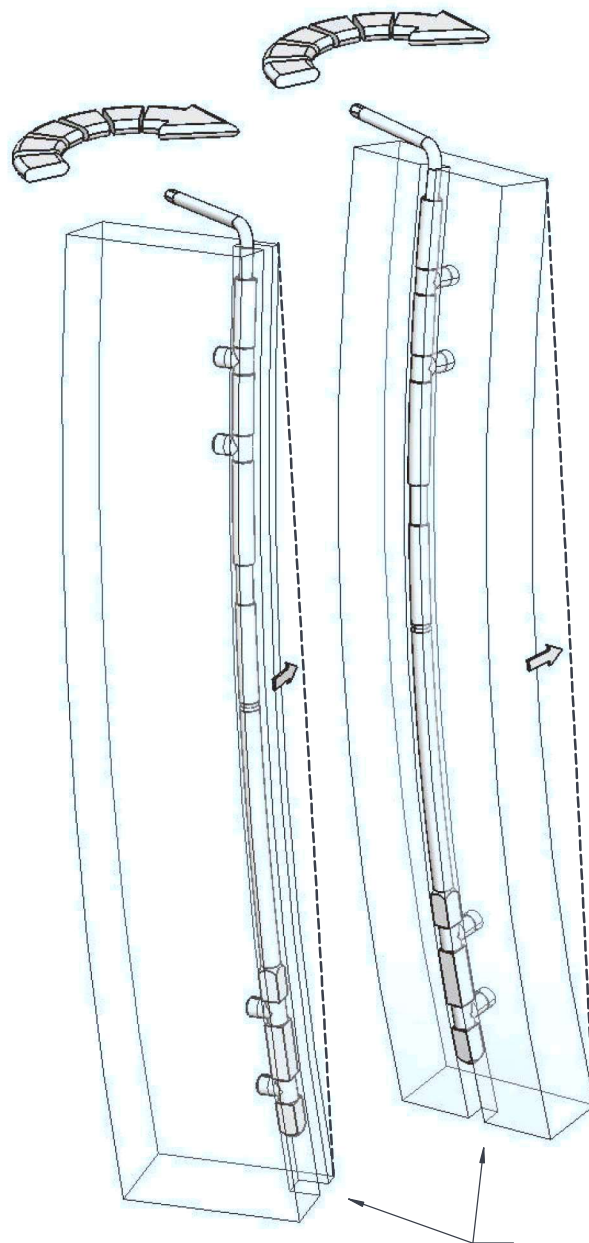


aluminium

Hidden wardrobe adjusters

TN500 Series

ACCESSORI



assembly types

Seria TN501

Hidden wardrobe adjouster TN501 Series

IN GENERALLY ASSEMBLING
ON WOOD DOORS.
ADJUSTMENT ±10
WEELBASE MIN 1200 MAX 2800

Tani, ekonomiczny system,

Możliwość montażu w bok (w
kant) płyty

Płykie frezowanie ! - 14mm !

Często stosuje się je w ramie
drzwi.

Grubość płyty min. 16mm

Głębokość frezowania rowka
pod pręt 8mm

Długość całego pręta
gwintowanego 2000mm

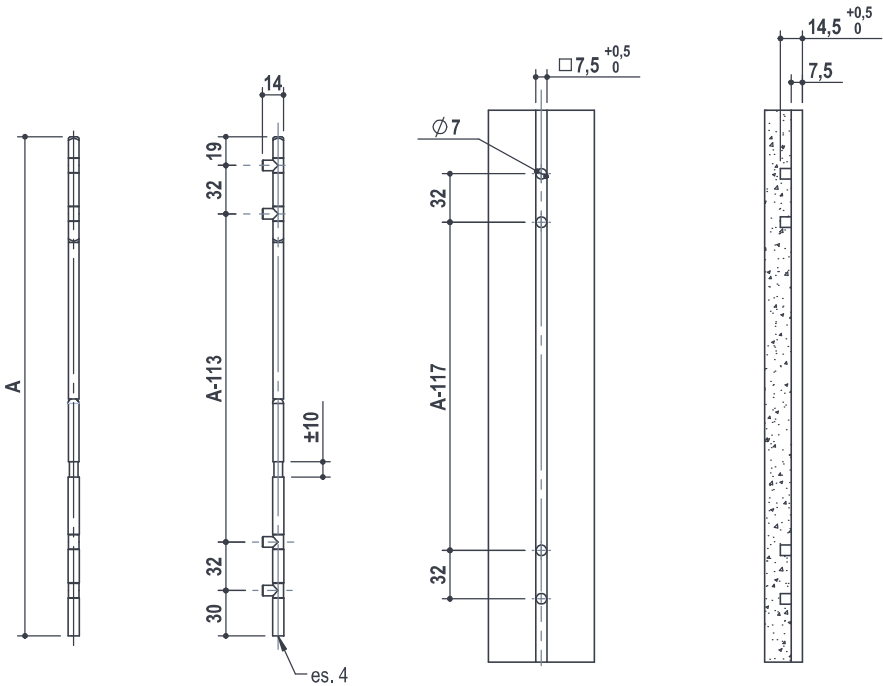
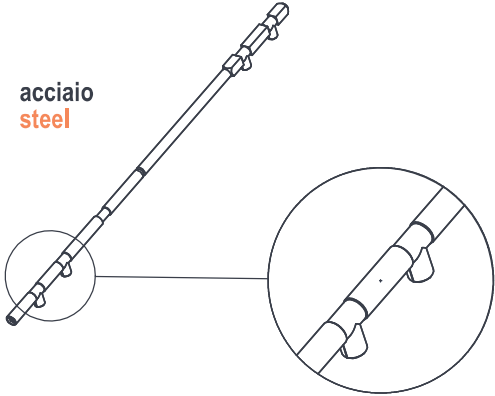
Dostępne inne długości na
zamówienie.

Siła naciągania 100N (panel
testowy 2500x460x20mm)

Dzięki tym systemom
użytkownik mebli ma
możliwość korygowania
naprężeń w materiale
wysokich skrzydeł
drzwiowych, tak aby skrzydła
zachowały swoją właściwą
płaszczyznę i nie wypaczały
się.

System może być całkowicie
zakryty np. cienkim
laminatem, HDF lub
fornirem.

acciaio
steel



<u>type</u>	typowe wymiary <u>measure</u>	A	<u>finishing</u>	box	kg / box
TN501.	1845.	1845	00 raw	25	6,3
	2145.	2145		25	15,3
	2300.	2300		25	16,5
	2435.	2435		25	17,5
	2585.	2585		25	18,5
	2745.	2745		25	19,7
	2895.	2897		25	20,6

Indicazioni per il posizionamento dei tenditori

Wardrobe adjusters location

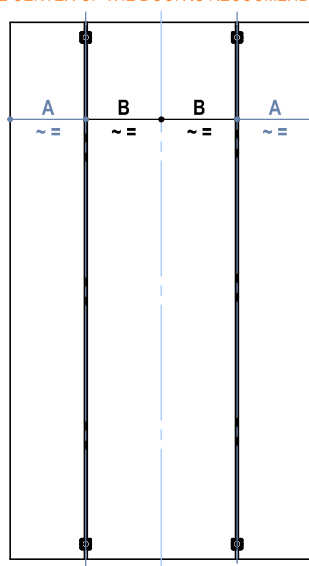
DLA
NAPINACZY MUSZĄ BYĆ
USTAWIONE TAKIE SAME
WARTOŚCI „A” I „B”

W PRZYPADKU DRZWI PONAD
1200-1300 SZEROKOŚCI
, POLECAMY TRZECI
REGULATOR SZAFY W
ŚRODKU DRZWI.

DLA DRZWI W RAMIE
ZALECA SIĘ JEDEN
NAPINACZ PO ŚRODKU
DRZWI.

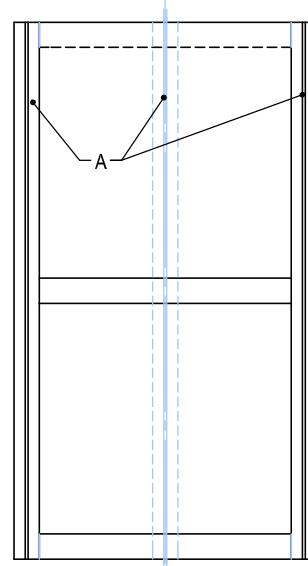
WOOD DOORS

WARDROBE ADJUSTERS MUST BE LOCATED WITH SAME "A" AND "B" VALUES.
IN CASE OF DOORS MORE THAN 1200-1300 WIDE, A THIRD WARDROBE ADJUSTER IN THE CENTER OF THE DOOR IS RECOMMENDED.



FRAME DOORS

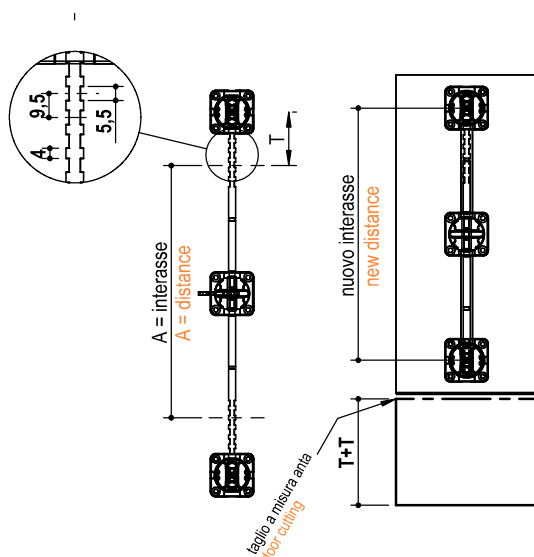
WARDROBE ADJUSTERS ARE LOCATED IN THE FRAME STRUCTURAL POSITION "A".
FOR DOORS MORE THAN 1200-1300 WIDE, A CENTRAL SUPPORT IS RACCOMENDED.



Cutting procedures for the cuttable versions

1° PROCEDURE POSSIBILITY

A) WARDROBE ADJUSTER CUTTING
B) DOOR CUTTING



2° PROCEDURE POSSIBILITY

IN CASE OF SLIDING DOOR MECHANISM, THE DOOR HAS MORE BENDING IN THE UPPER PART (fig. 1).
ONLY THE LOWER PART OF THE DOOR CAN BE CUT, IN CASE OF USAGE OF A WARDROBE ADJUSTER WITH SMALLER PATTERN (pic.2), OF NECESSARY.

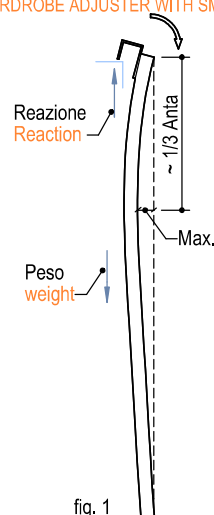
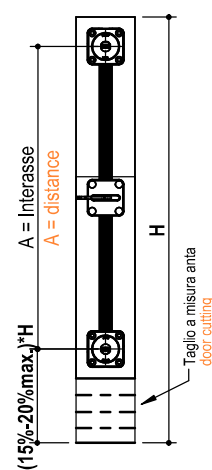


fig. 1

fig. 2



Aluminium wardrobe adjusters

Seria ST700

ST700 Series

Okucie prostujące drzwi z
możliwością
montażu bez
frezowania w płycie
(mocowanie
odwrotne).

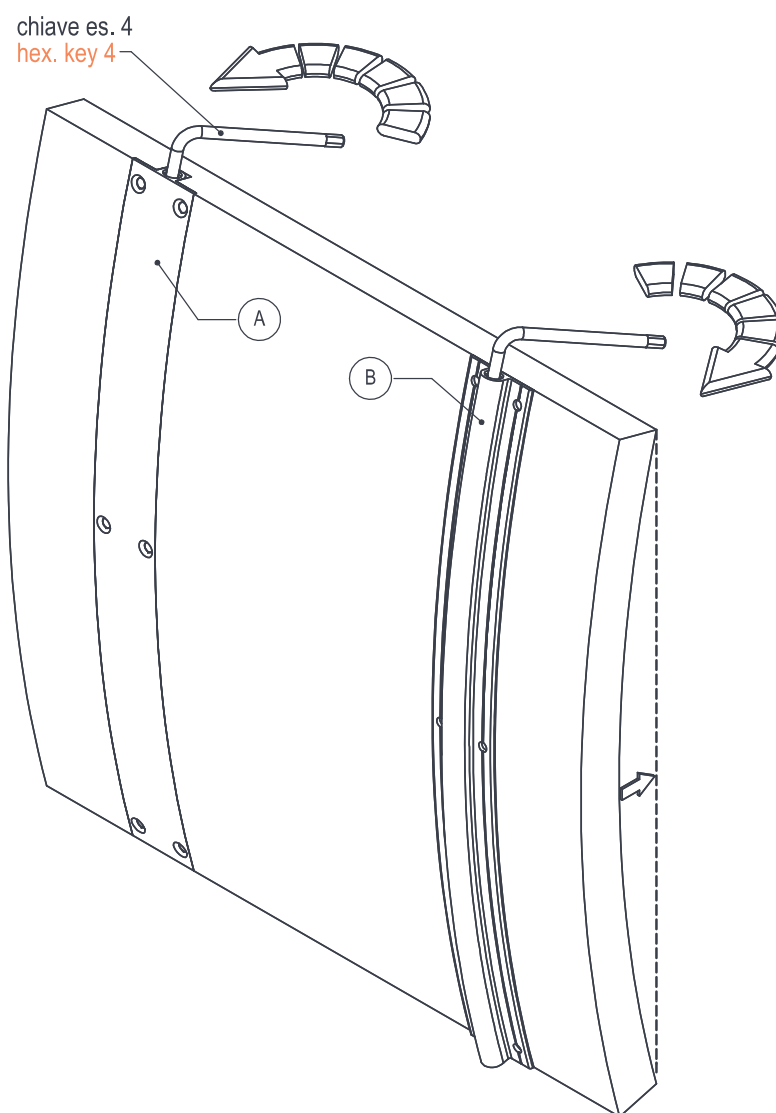
W przypadku
montażu
wpuszczanego
głębokość
frezowania rowka
10x10mm -
grubość
płaskownika
1,5mm

Materiał -
aluminium
nieanodowane.

Długość 2300 mm

Wersja skracana
TYP701

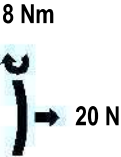
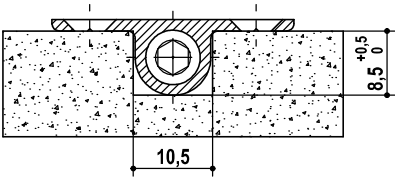
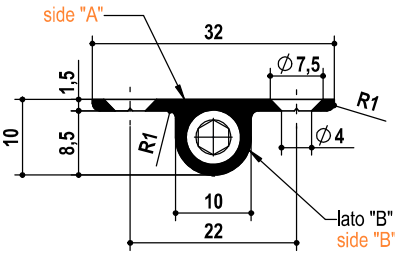
Siła naciągu 20N
(ok.2kg)



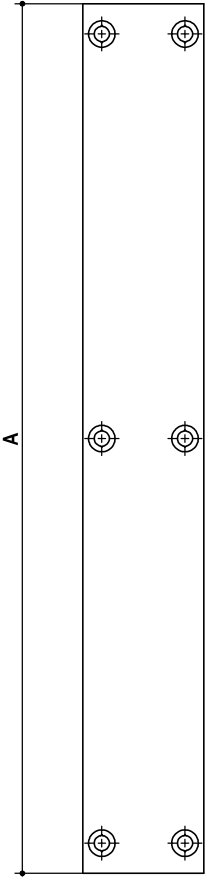
Aluminium wardrobe adjuster ST701 type

LINEAR DENSITY 780 g/m
LENGTH : MIN. 1200 MAX. 2800

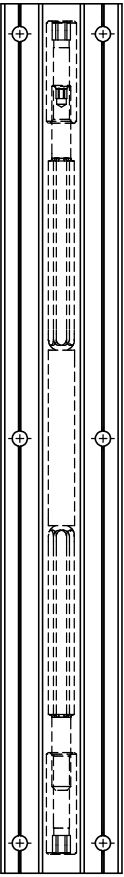
PLEASE SPECIFY IF THE
GROOVING SHOULD BE ON SIDE "A"
OR "B".



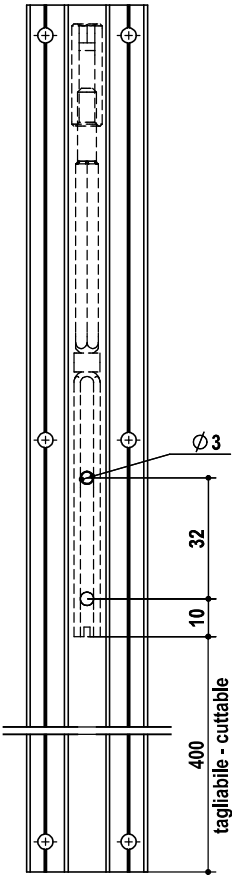
length test 2300



2 regolazioni - 2 adjustment



1 regolazione - 1 adjustment



type	measure	finishing	n° couple hole	cuttable
ST701	A a richiesta on request	00 grezzo - crude 12 anodizzato ARC - anodised altre finiture a richiesta - other finishings on request	A = 6 B = 7 C = 8 D = 9	TG