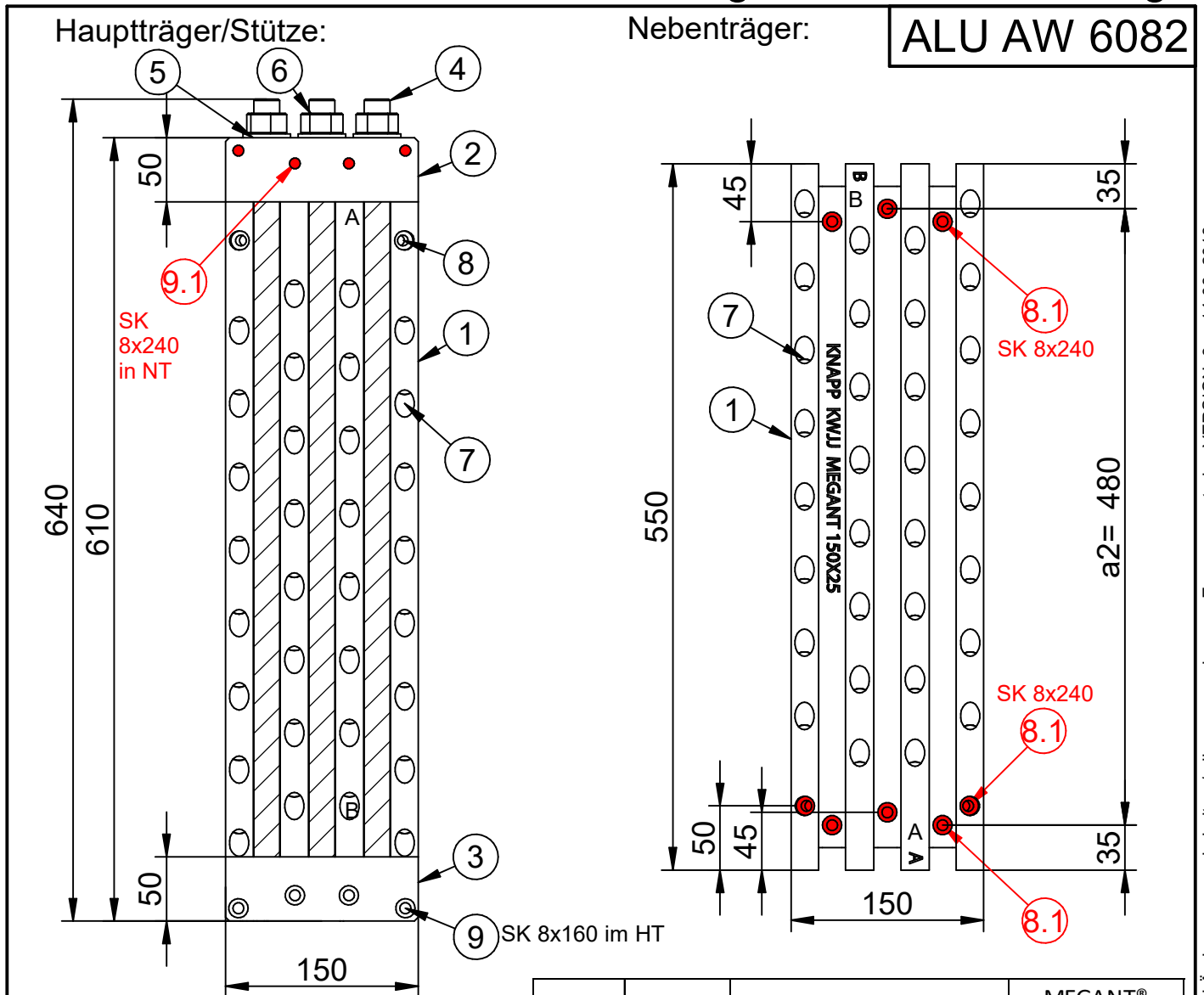
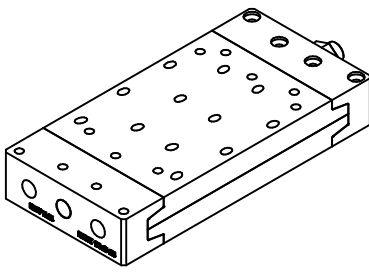


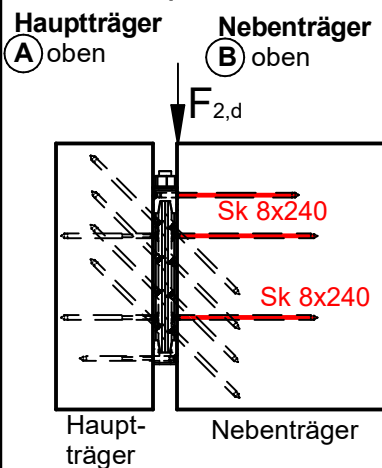
Art.-Nr.

MEGANT® 610x150x50

Übersicht Sondergröße - nur auf Anfrage



Verbinderplatten Kennzeichnung:



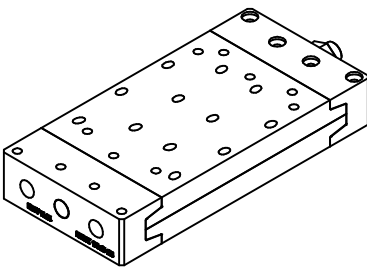
Pos Nr.	Art. Nr.	Bauteil	MEGANT®
			610x150x50 Sondergröße
1	K197-221	Verbinderplatte	550x150x25
2		Spannbacke oben	50x50x150; D20
3		Spannbacke unten	50x50x150; M20
4		Gewindestange	3xM20x640
5		Beilagscheibe	3xM20
6		Mutter	3xM20
7	Z581	Schrägverschraubung	64x SK8x160
8	Z581	Horizontalverschraubung	8x SK8x160
8.1	Z672	Horizontalverschraubung	8x SK8x240
9	Z581	Spannbacken-	4x SK8x160
9.1	Z672	Verschraubung	4 SK 8x240

Diese Zeichnung ist Eigentum der Knapp GmbH

Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten / all measures in mm - Errors excepted. VERSION 3 14.08. 2018

MEGANT® 730x150x50

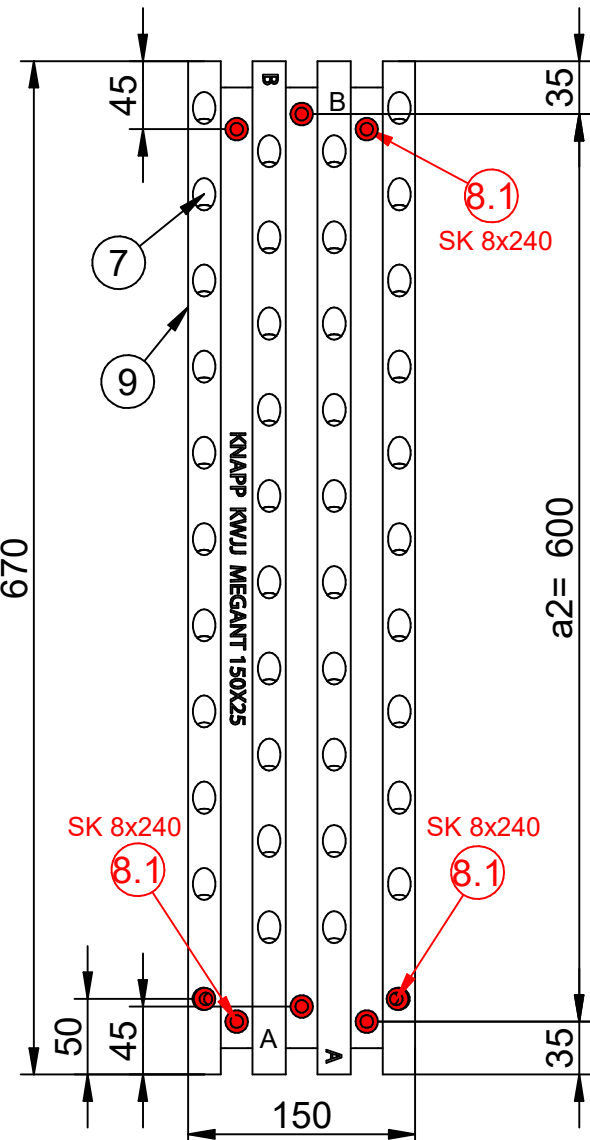
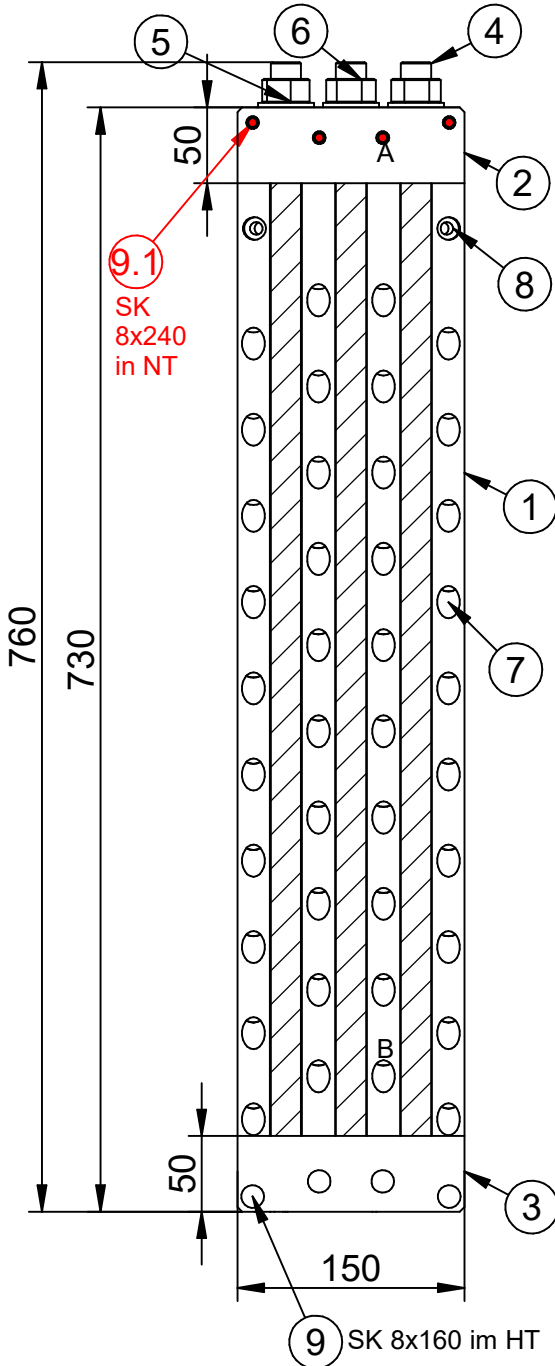
Übersicht Standardgröße



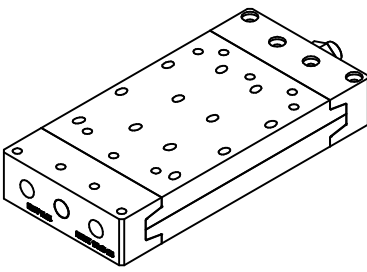
Hauptträger/Stütze:

Nebenträger:

ALU AW 6082

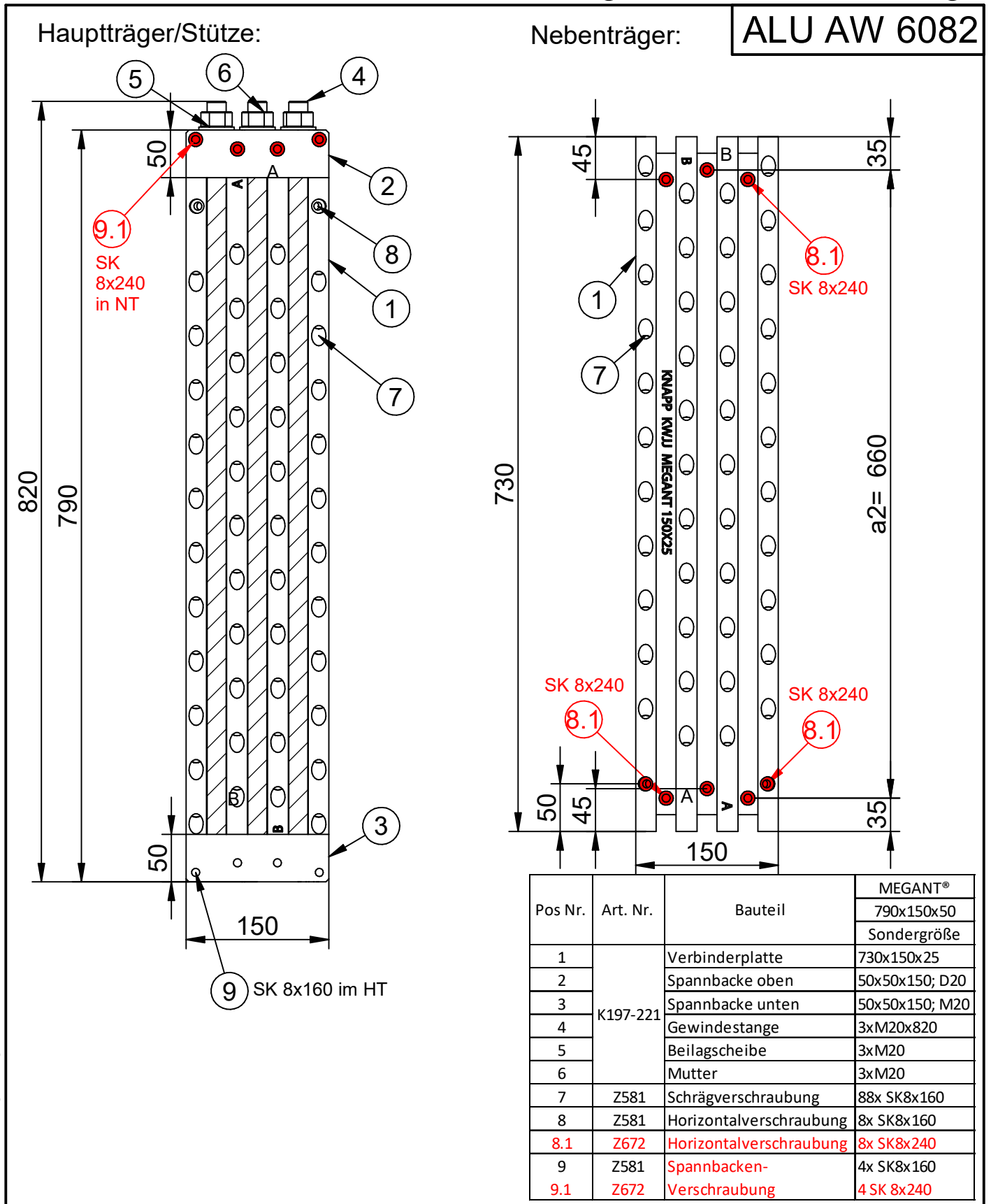


Pos Nr.	Art. Nr.	Bauteil	MEGANT®
			730x150x50 Art. Nr. K246 S
1	K197-221	Verbindeplatte	670x150x25
2		Spannbacke oben	50x50x150; D20
3		Spannbacke unten	50x50x150; M20
4		Gewindestange	3xM20x760
5		Beilagscheibe	3xM20
6		Mutter	3xM20
7	Z581	Schrägverschraubung	80x SK8x160
8	Z581	Horizontalverschraubung	8x SK8x160
8.1	Z672	Horizontalverschraubung	8x SK8x240
9	Z581	Spannbacken-	4x SK8x160
9.1	Z672	Verschraubung	4 SK 8x240



MEGANT® 790x150x50

Übersicht Sondergröße - nur auf Anfrage

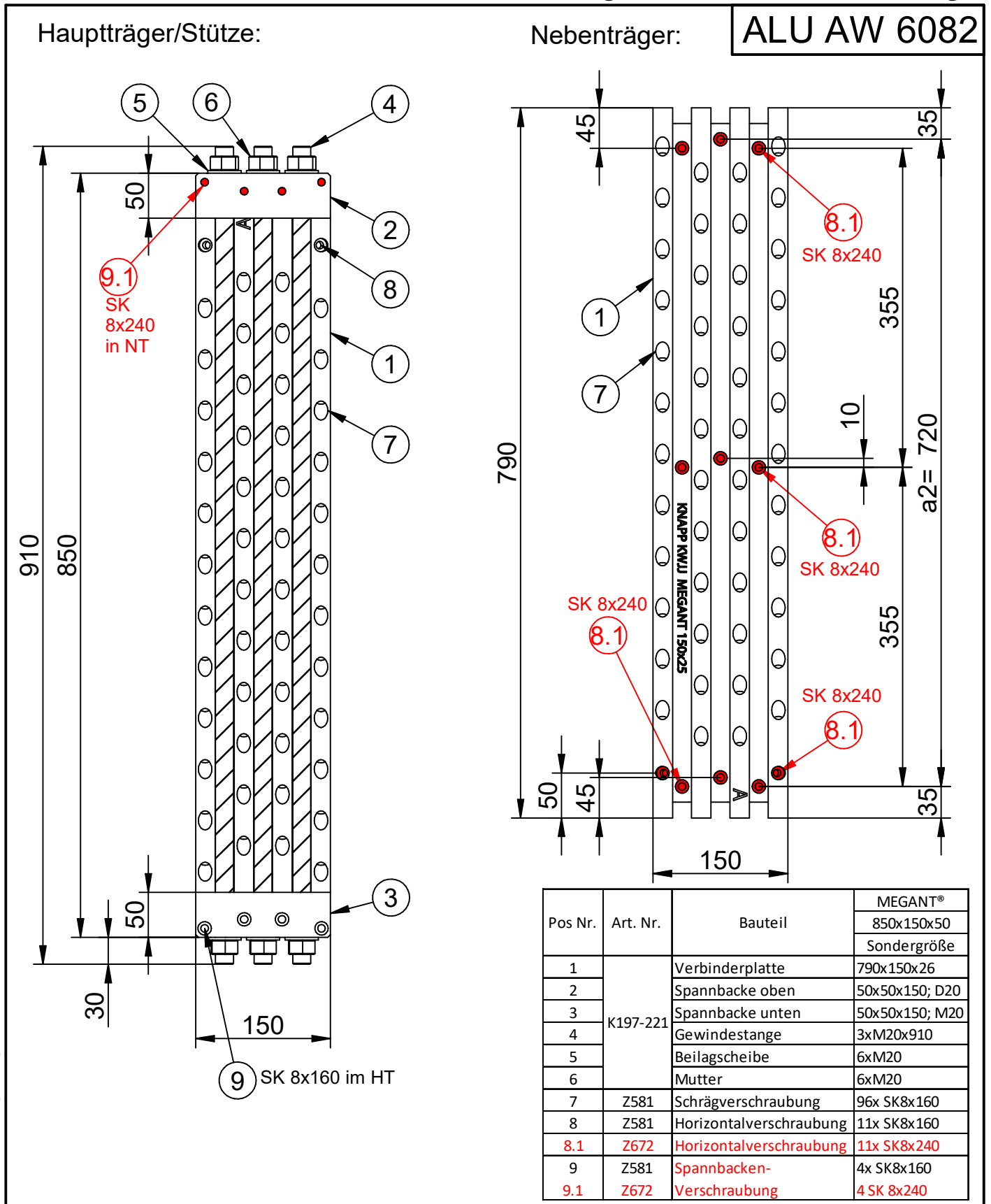
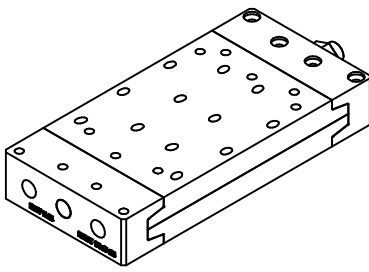


Diese Zeichnung ist Eigentum der Knapp GmbH

Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten / all measures in mm - Errors excepted. VERSION 3 14.08.2018

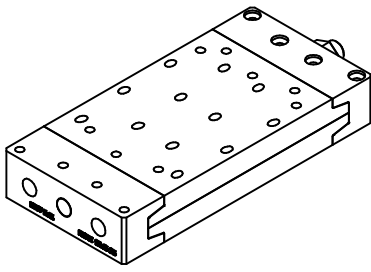
MEGANT® 850x150x50

Übersicht Sondergröße - nur auf Anfrage



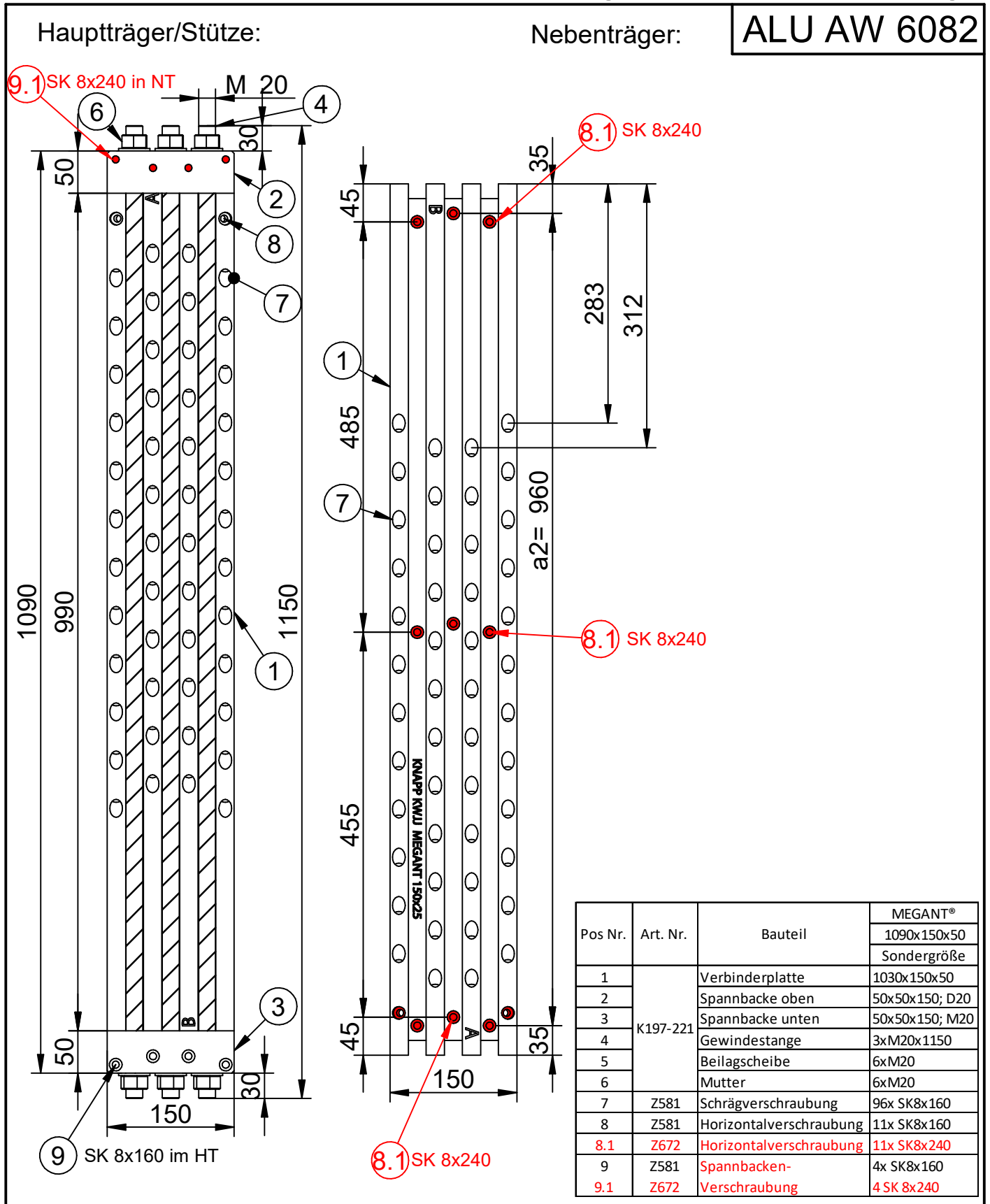
Diese Zeichnung ist Eigentum der Knapp GmbH

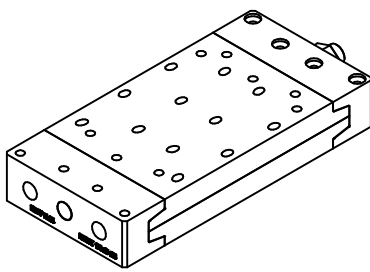
Knapp GmbH. Alle Maße in mm - Irrtümer, Druckfehler und Änderungen vorbehalten / all measures in mm - Errors excepted. VERSION 3 14.08.2018



MEGANT® 1090x150x50

Übersicht Sondergröße - nur auf Anfrage



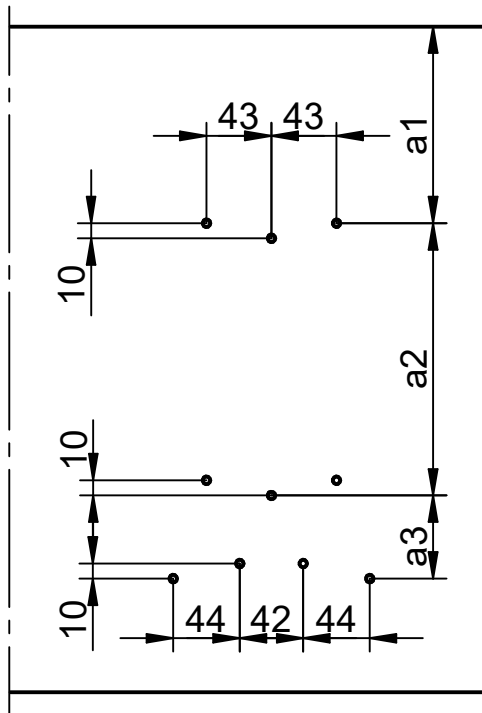


MEGANT® 150x50

Bohrbild sichtbar mittiger Einbau

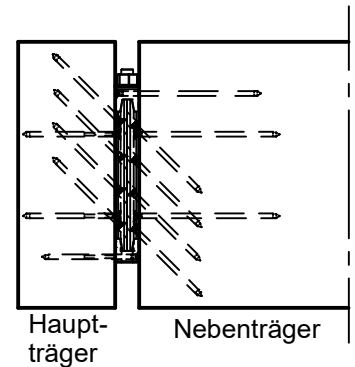
ALU AW 6082

Positionierbohrungen im Hauptträger erstellen !

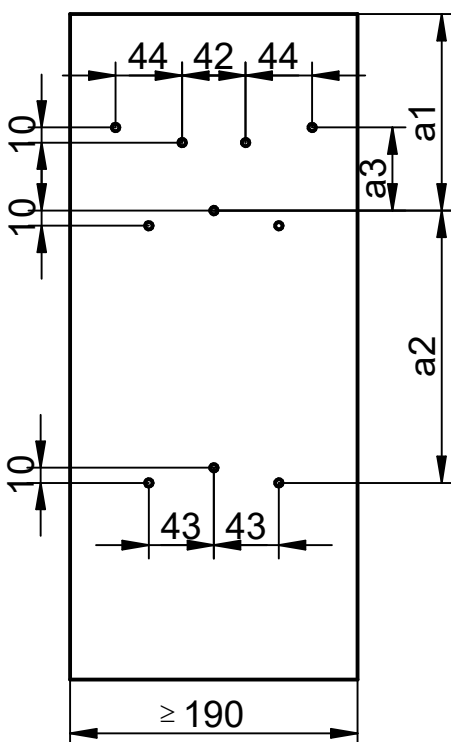


Nadelholz NH:
10x Bohrungen
Ø 5mm,
Tiefe 30 mm

Laubholz LH:
10x Bohrungen
Ø 6mm,
Tiefe: Schrauben-
länge ~120 mm



Positionierbohrungen für mittige Montage im Nebenträger erstellen !



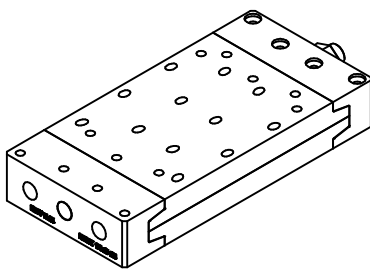
Nadelholz NH:
10x Bohrungen
Ø 5mm,
Tiefe 30 mm

Laubholz LH:
10x Bohrungen
Ø 6mm,
Tiefe: Schrauben-
länge ~120 mm

Bohrmaße bei <u>sichtbaren mittigen</u> Einbau					
Neben- träger	Bohrabstände a1 in Abhängigkeit der Nebenträgerhöhe H _N [mm]				
	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
Höhe					
H _N [mm]					
720	135				
760	155				
800	175				
840	195	120			
880	215	140			
920	235	160	130		
960	255	180	150	120	
1000	275	200	170	140	
1040		220	190	160	
1080		240	210	180	
1160		280	250	220	
1200		300	270	240	120
1240		320	290	260	140
1280		340	310	280	160
1320		360	330	300	180
1360		380	350	320	200
1400		400	370	340	220
1440			390	360	240
1480			410	380	260
1520			430	400	280
1560			450	420	300
1600			470	440	320

Abstände	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
a2 [mm]	465	600	660	720	960
a3 [mm]	55	55	55	55	55

MEGANT® **Anreißschablonen** in jeder Größe für die Horizontalbohrungen sind bei KNAPP® auf Anfrage erhältlich !

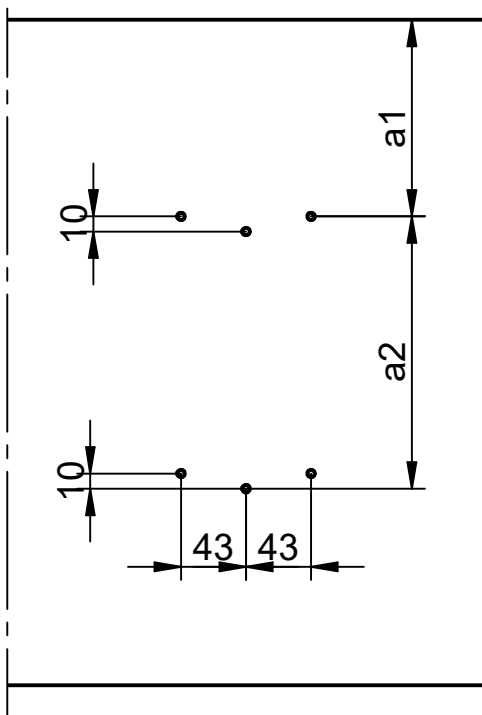


MEGANT® 150x50

Bohrbild verdeckt mittiger Einbau

ALU AW 6082

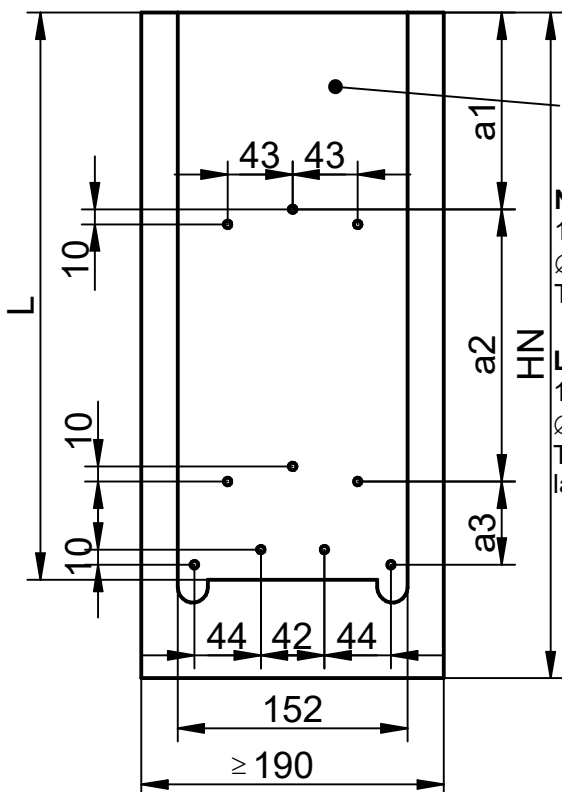
Positionierbohrungen im Hauptträger erstellen !



Nadelholz NH:
6x Bohrungen
Ø 5mm,
Tiefe 30 mm

Laubholz LH:
6x Bohrungen
Ø 6mm (LH),
Tiefe: Schraubenlänge
~120 mm

Ausfräsung und Positionierbohrungen für mittige Montage im Nebenträger erstellen !



Einfrästiefe 50 mm

Nadelholz NH:
10x Bohrungen
Ø 5mm,
Tiefe 30 mm

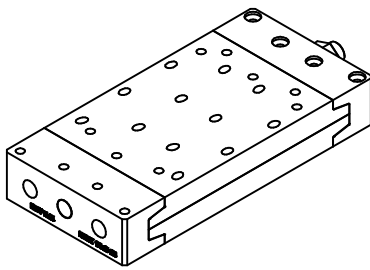
Laubholz LH:
10x Bohrungen
Ø 6mm,
Tiefe: Schraubenlänge
~120 mm

Neben-träger	Bohrmaße bei <u>verdeckt mittigen</u> Einbau				
	Bohrabstände a1 in Abhängigkeit der Neben-trägerhöhe H _N [mm]				
	Höhe	MEGANT®	MEGANT®	MEGANT®	MEGANT®
H _N [mm]	610x150	730x150	790x150	850x150	1090x150
720	135				
760	155				
800	175				
840	195	120			
880	215	140			
920	235	160	130		
960	255	180	150	120	
1000	275	200	170	140	
1040		220	190	160	
1080		240	210	180	
1160		280	250	220	
1200		300	270	240	120
1240		320	290	260	140
1280		340	310	280	160
1320		360	330	300	180
1360		380	350	320	200
1400		400	370	340	220
1440			390	360	240
1480			410	380	260
1520			430	400	280
1560			450	420	300
1600			470	440	320

Abstände	MEGANT®	MEGANT®	MEGANT®	MEGANT®	MEGANT®
	610x150	730x150	790x150	850x150	1090x150
a2 [mm]	465	600	660	720	960
a3 [mm]	55	55	55	55	55

Neben-träger	Ausfräslängen L in Abhängigkeit der Neben-trägerhöhe H _N [mm]				
	Höhe	MEGANT®	MEGANT®	MEGANT®	MEGANT®
	H _N [mm]	610x150	730x150	790x150	850x150
720	665				
760	685				
800	705				
840	725	785			
880	745	805			
920	765	825	855		
960	785	845	875	935	
1000	805	865	895	955	
1040		885	915	975	
1080		905	935	995	
1160		945	975	1035	
1200		965	995	1055	1175
1240		985	1015	1075	1195
1280		1005	1035	1095	1215
1320		1025	1055	1115	1235
1360		1045	1075	1135	1255
1400		1065	1095	1155	1275
1440			1115	1175	1295
1480			1135	1195	1315
1520			1155	1215	1335
1560			1175	1235	1355
1600			1195	1255	1375

MEGANT® Anreißschablonen in jeder Größe für die Horizontalbohrungen sind bei **KNAPP®** auf Anfrage erhältlich !

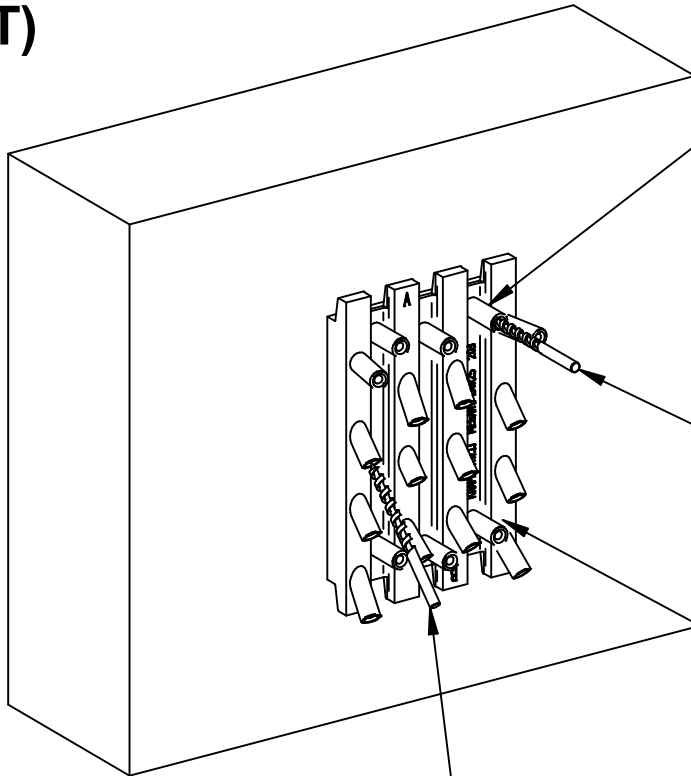


MEGANT® 150x50

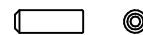
Megant in **Laubholz (LH)** vorbohren

ALU AW 6082

LH-Hauptträger (HT)



1.) Knapp Megant-Bohrbuchse in Verbindlerplatte einstecken.

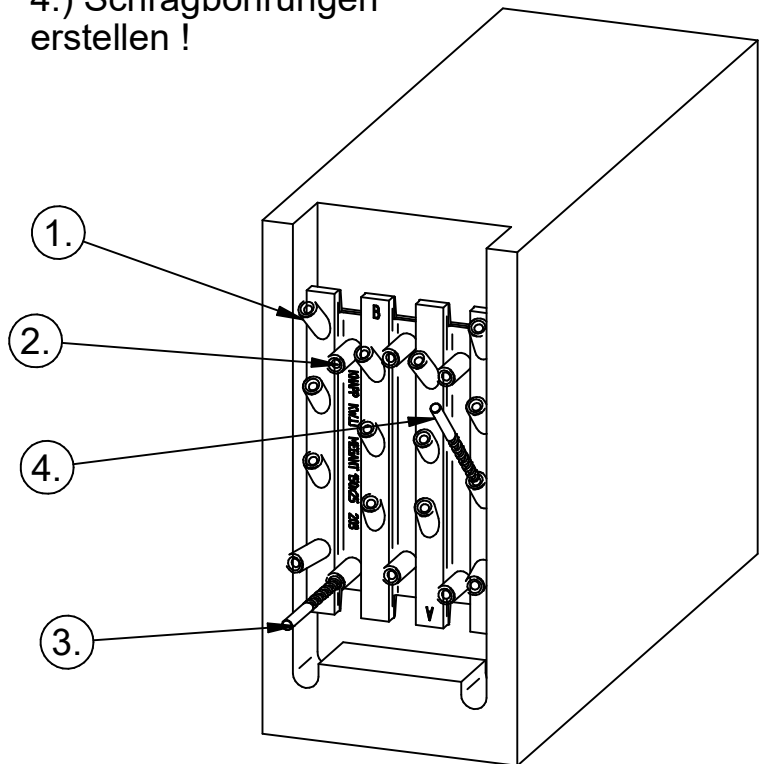


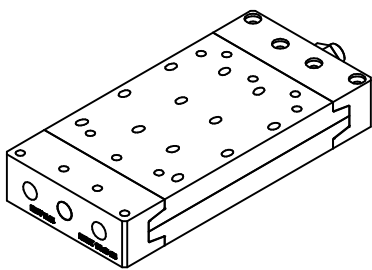
2.) Horizontalschrauben auf volle Schraubenslänge mit $d=6\text{mm}$ vorbohren

3.) Schablone in den Horizontalbohrungen festschrauben

4.) Schrägbohrungen erstellen !

LH-Nebenträger (NT)



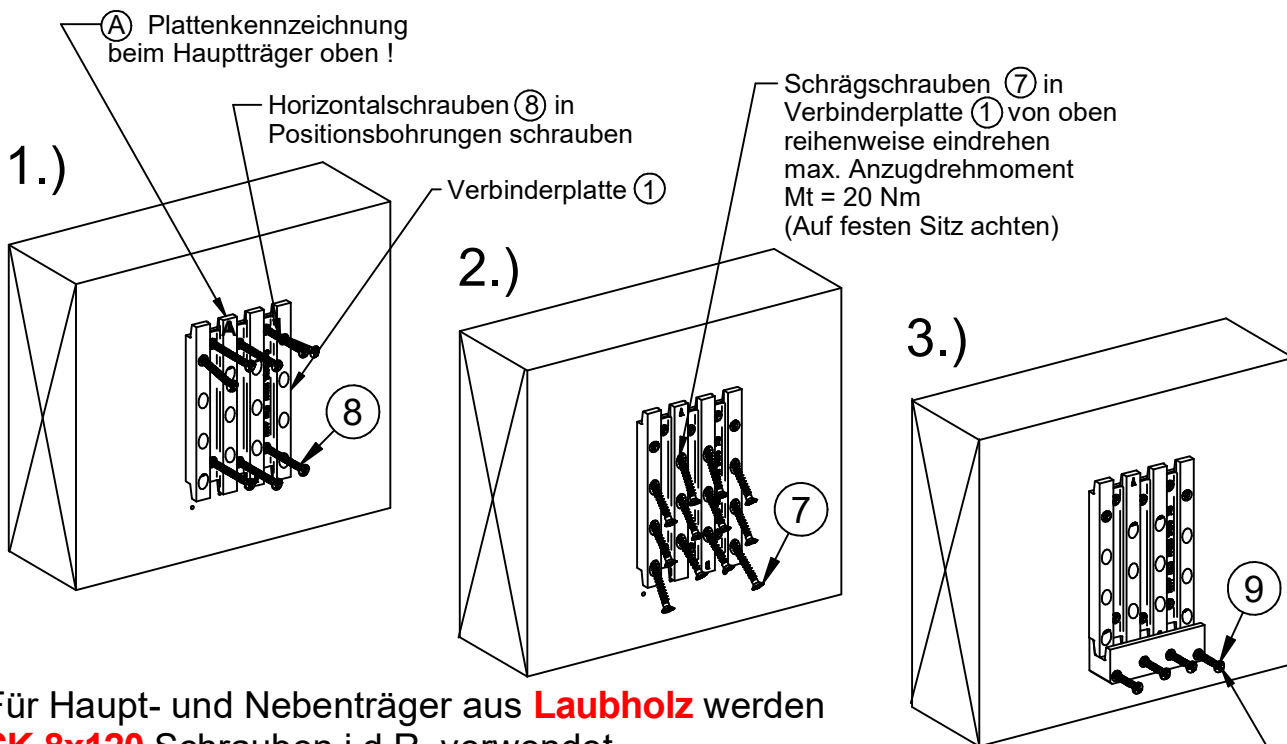


MEGANT® 150x50

Megant sichtbar in HT / NT einbauen

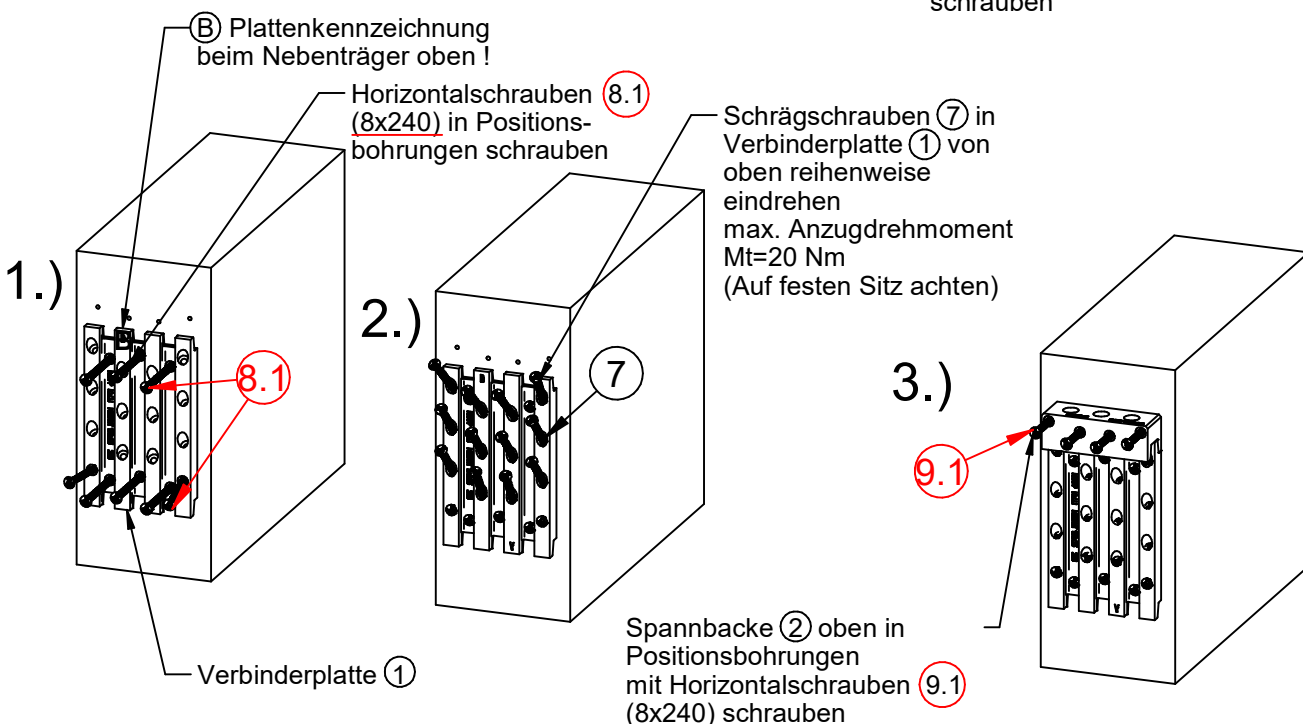
ALU AW 6082

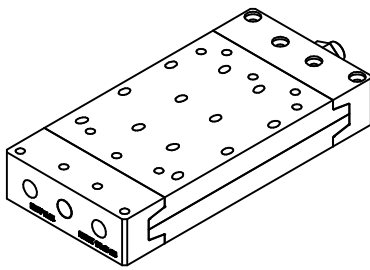
Hauptträger (HT)



Für Haupt- und Nebenträger aus **Laubholz** werden **SK 8x120** Schrauben i.d.R. verwendet.

Nebenträger (NT)



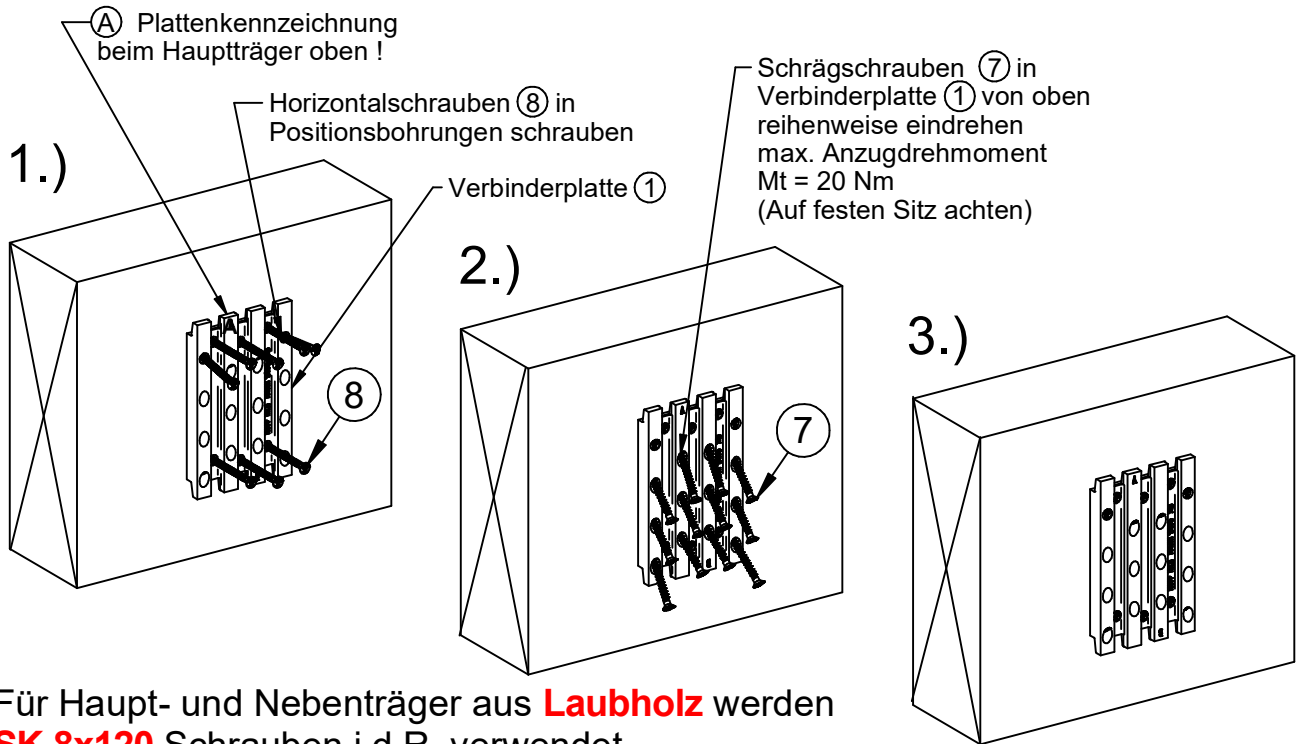


MEGANT® 150x50

Megant verdeckt in HT / NT einbauen

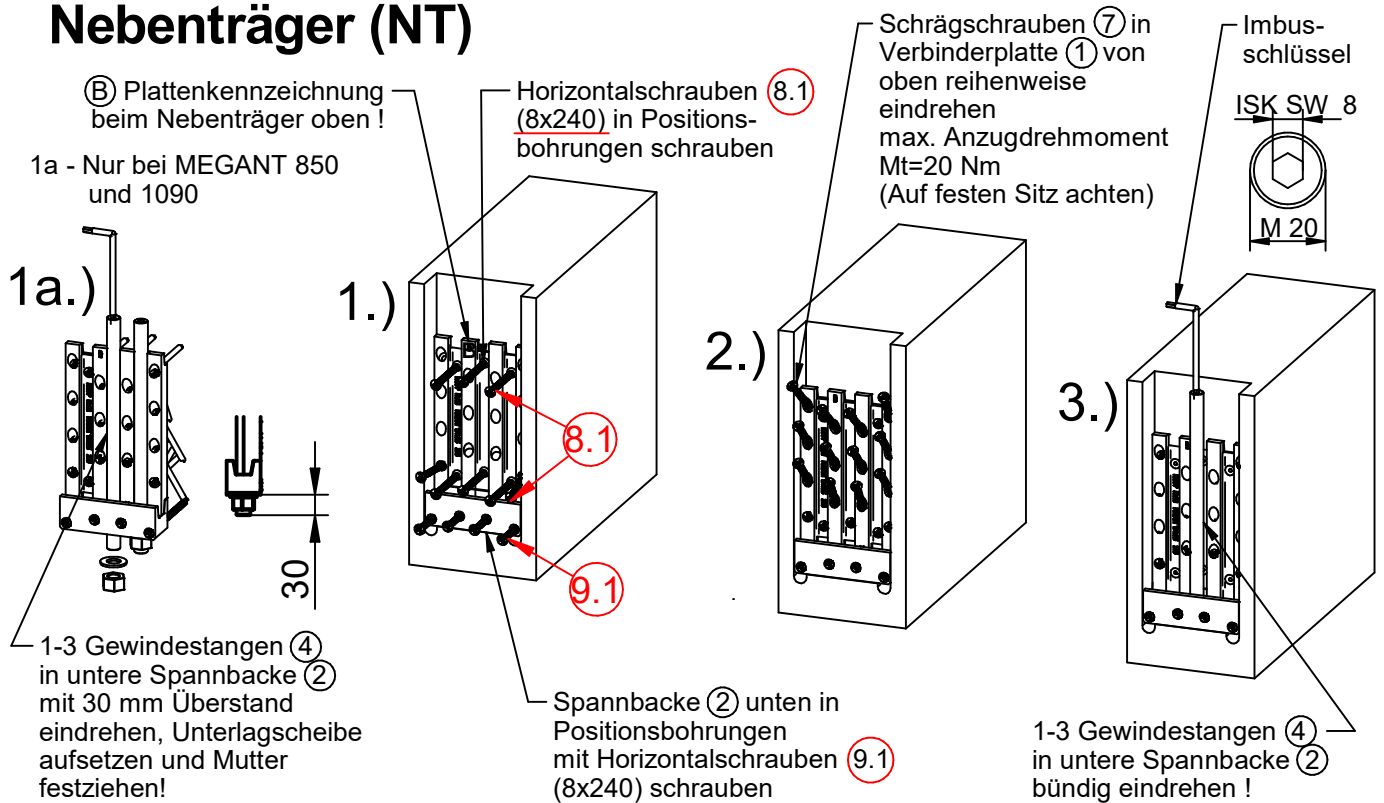
ALU AW 6082

Hauptträger (HT)



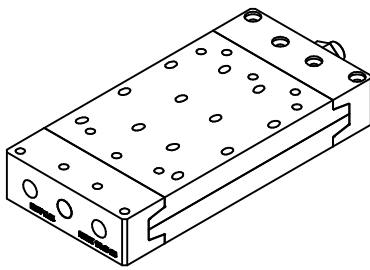
Für Haupt- und Nebenträger aus **Laubholz** werden **SK 8x120** Schrauben i.d.R. verwendet.

Nebenträger (NT)



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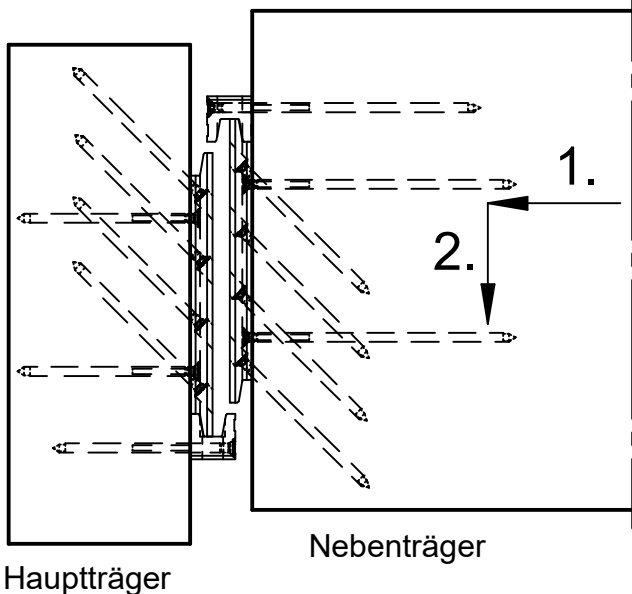


MEGANT® 150x50

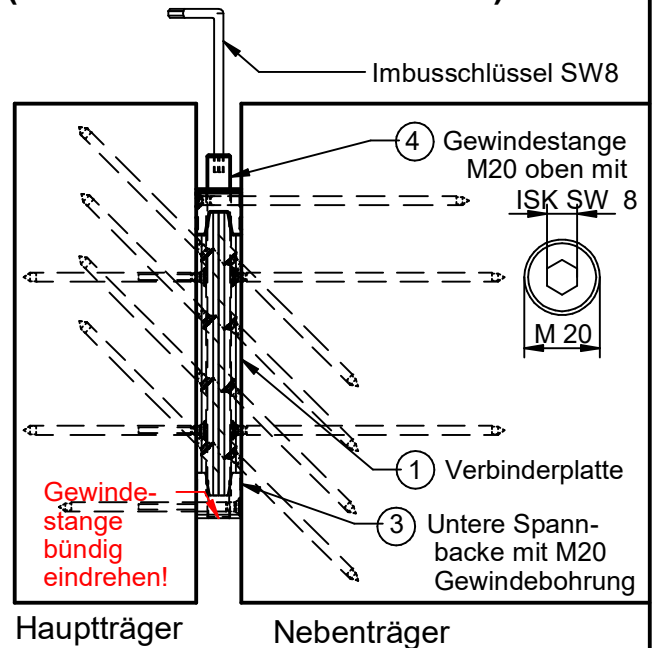
Ablauf sichtbarer Montage

ALU AW 6082

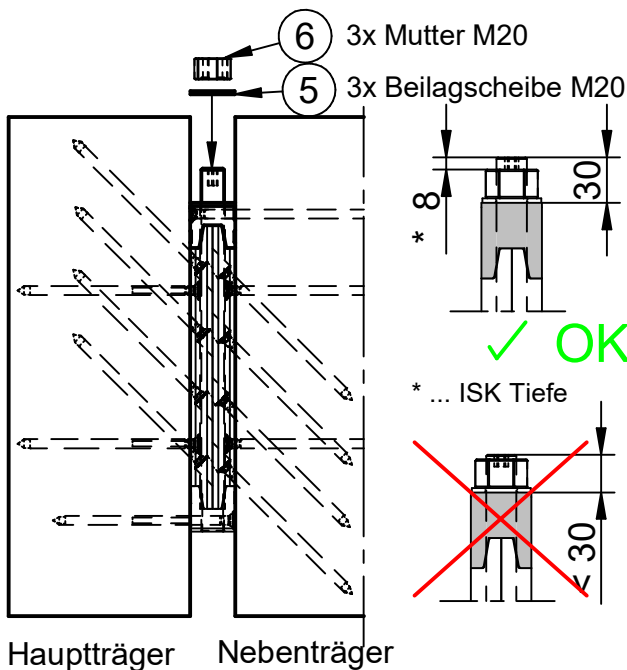
1. Nebenträger einhängen



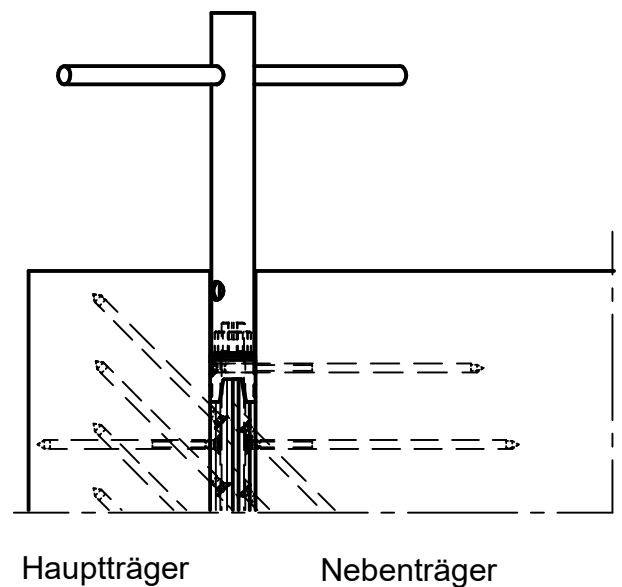
2. Gewindestange ④ (M20) in untere Spannbacke ③ **bündig** eindrehen (außer Größen 850 und 1090)

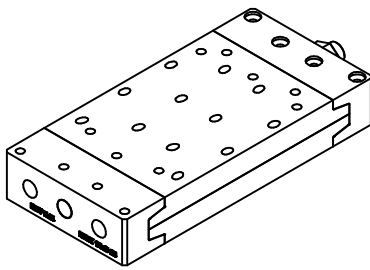


3. Spannbacke, Beilagscheibe und Mutter M20 aufsetzen



4. M20 Mutter mit Steckschlüssel (SW30) 40 Nm festziehen !



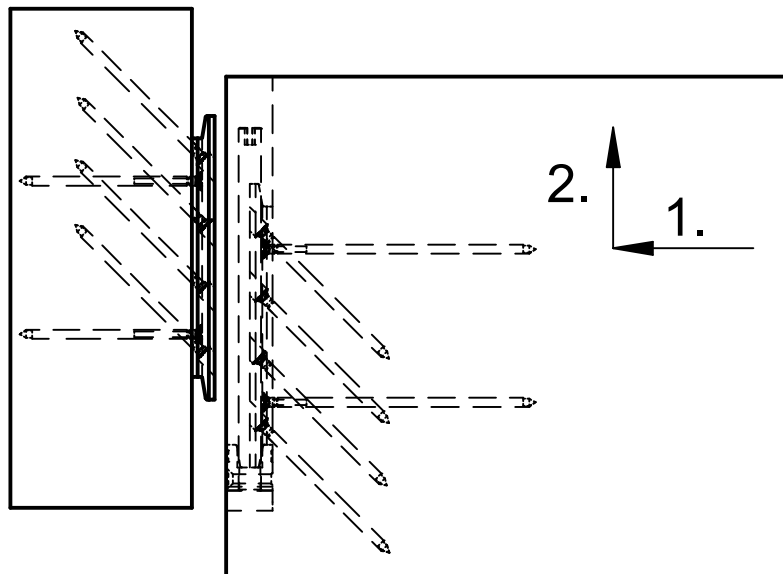


MEGANT® 150x50

Ablauf verdeckter Montage

1. Nebenträger von unten einhängen

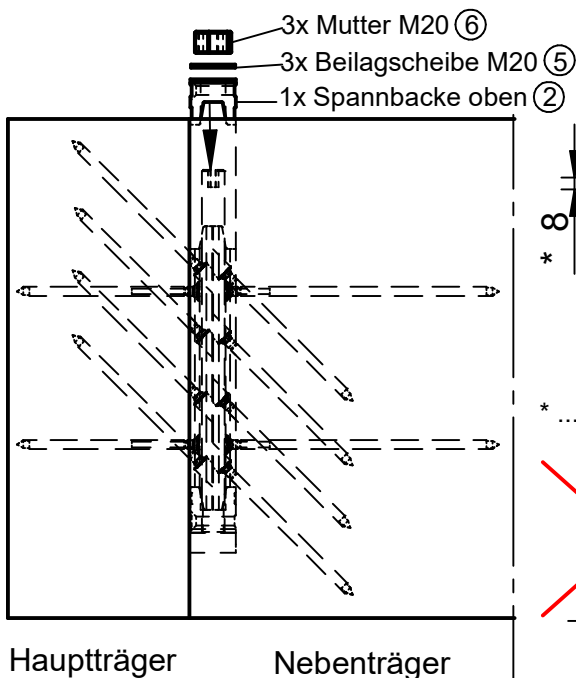
ALU AW 6082



Hauptträger

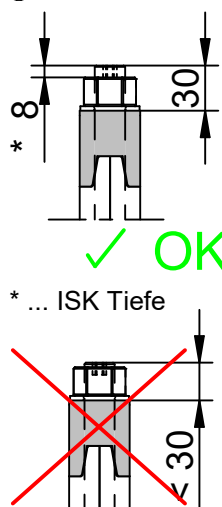
Nebenträger

2. Spannbacke, Beilagscheibe und Mutter M20 aufsetzen und mit Steckschlüssel (SW30) 40 Nm festziehen



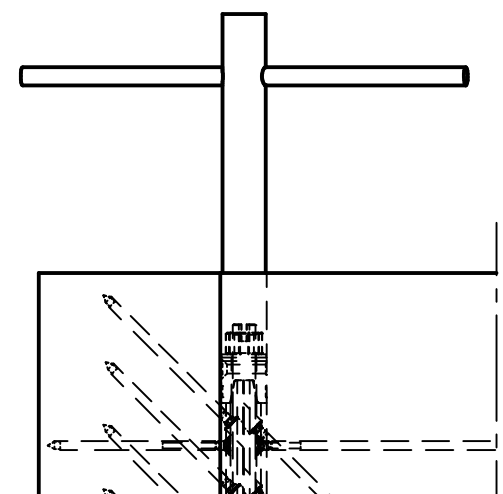
Hauptträger

Nebenträger



✓ OK

* ... ISK Tiefe

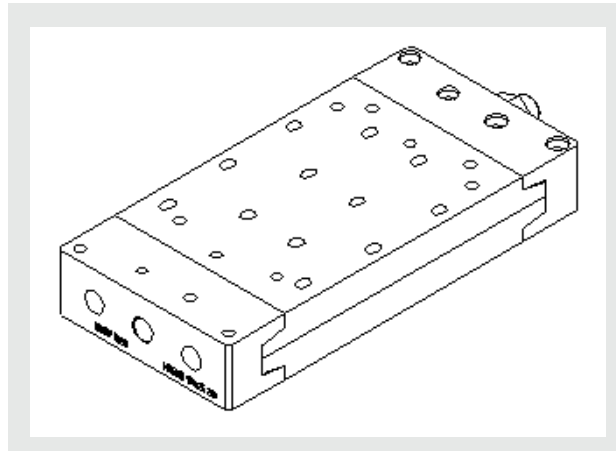


Hauptträger

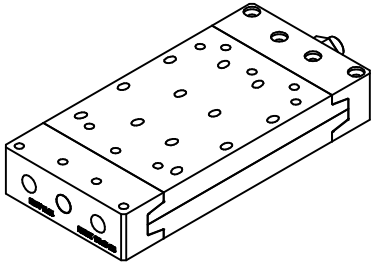
Nebenträger

KNAPP®
connectors.com

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Knapp GmbH Sàrl ■ Filiale France ■ 1A Rue du Stade ■ F - 67880 Innenheim Tel. : +33 (0)3 88 48 17 87 ■ Fax: +33 (0)9 70 62 81 87 ■ E-Mail : france@knapp-connectors.com



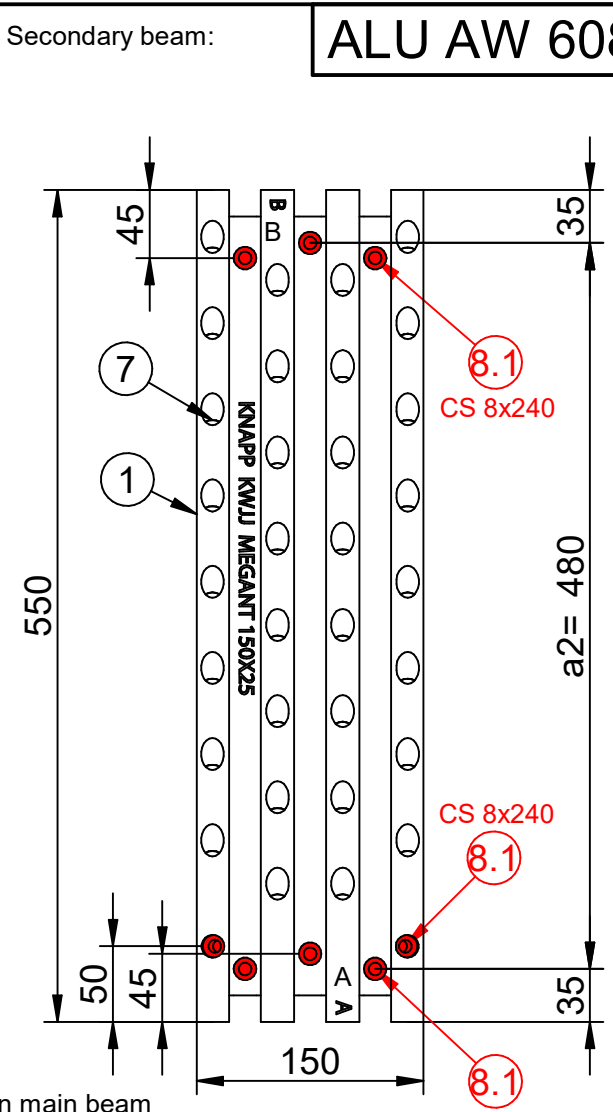
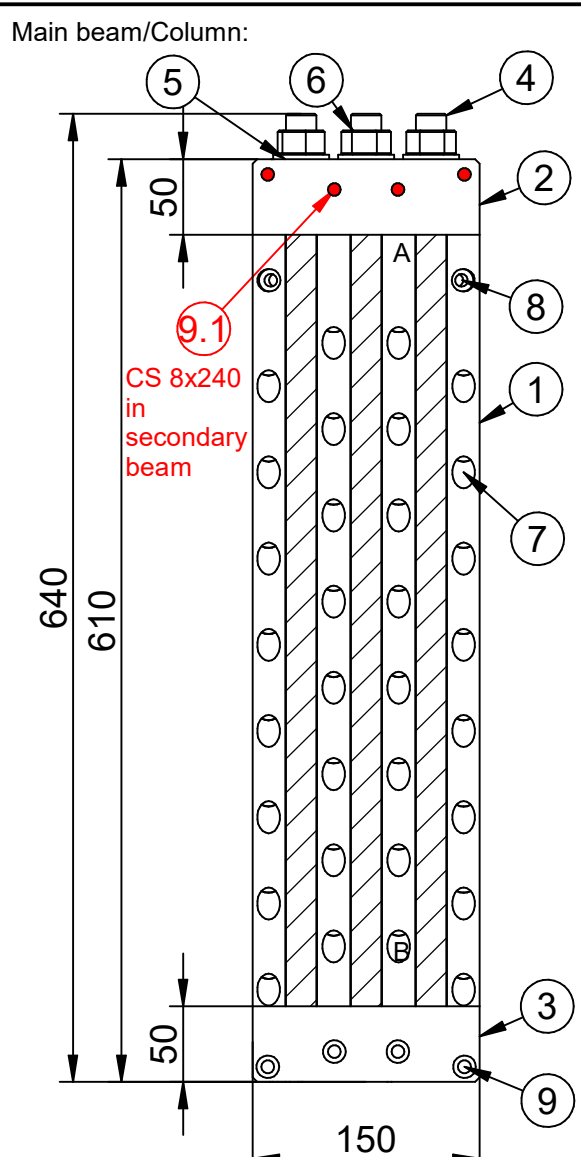
Art.-No.



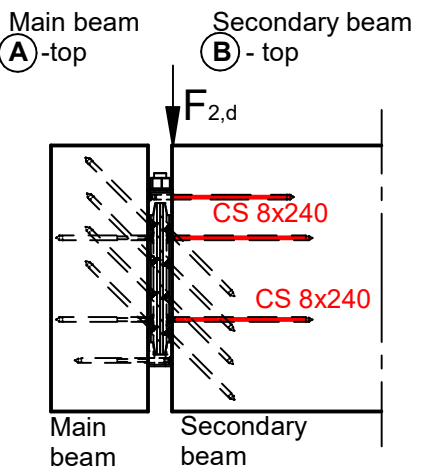
MEGANT® 610x150x50

Overview customized sizes - only request

ALU AW 6082



Connector plate specs



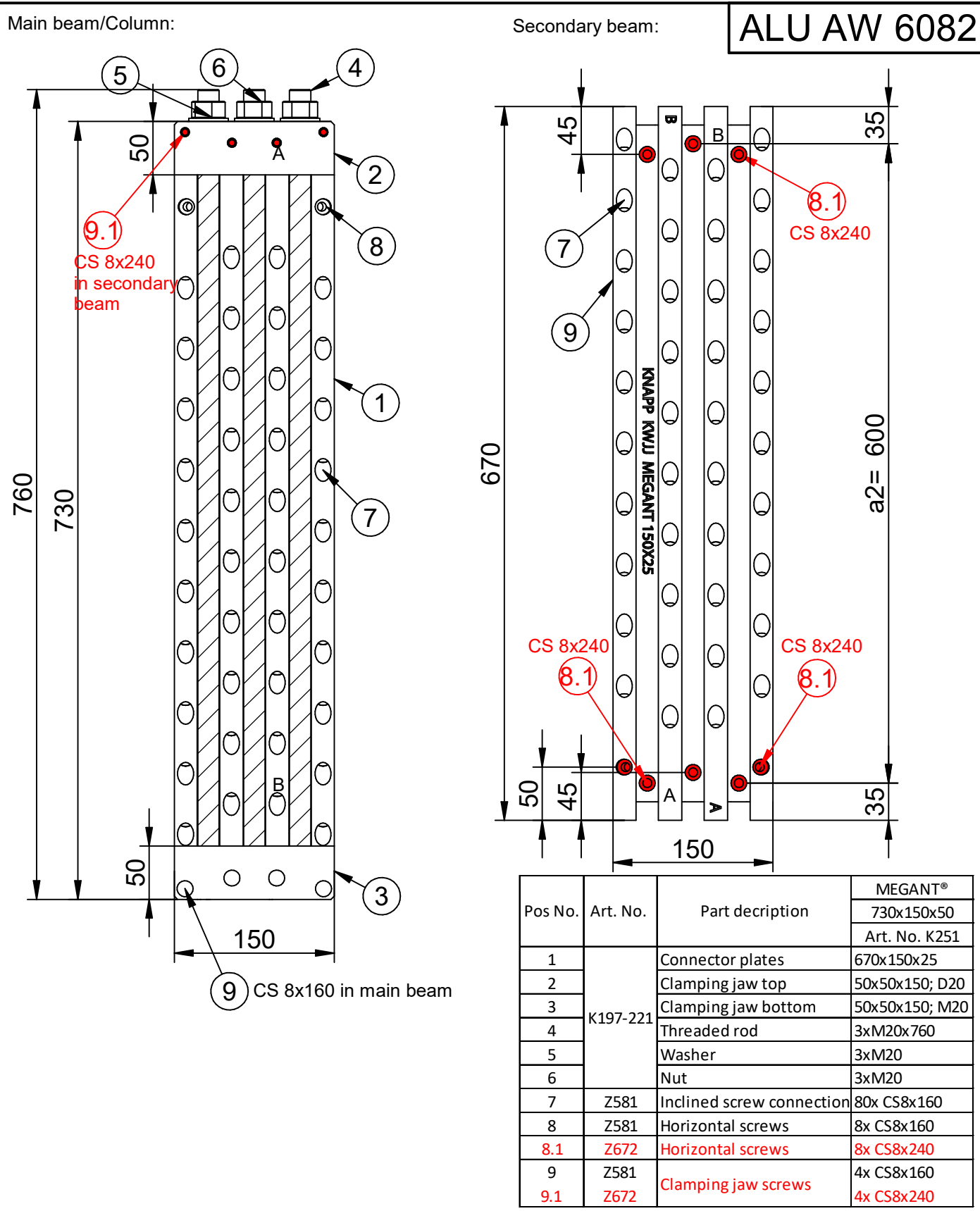
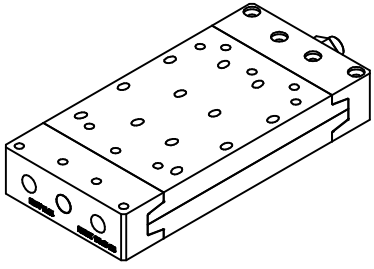
Pos No.	Art. No.	Part description	MEGANT®
			610x150x50 customized size
1	K197-221	Connector plates	550x150x25
2		Clamping jaw top	50x50x150; D20
3		Clamping jaw bottom	50x50x150; M20
4		Threaded rod	3xM20x640
5		Washer	3xM20
6		Nut	3xM20
7	Z581	Inclined screw connection	64x CS8x160
8	Z581	Horizontal screws	8x CS8x160
8.1	Z672	Horizontal screws	8x CS8x240
9	Z581	Clamping jaw screws	4x CS8x160
9.1	Z672	Clamping jaw screws	4x CS 8x240

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MEGANT® 730x150x50

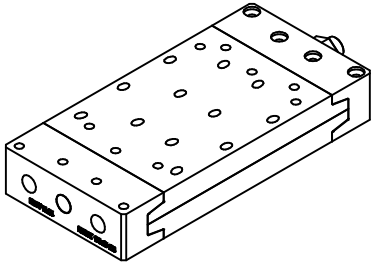
Regular size overview



Pos No.	Art. No.	Part description	MEGANT®
			730x150x50
			Art. No. K251
1	K197-221	Connector plates	670x150x25
2		Clamping jaw top	50x50x150; D20
3		Clamping jaw bottom	50x50x150; M20
4		Threaded rod	3xM20x760
5		Washer	3xM20
6		Nut	3xM20
7	Z581	Inclined screw connection	80x CS8x160
8	Z581	Horizontal screws	8x CS8x160
8.1	Z672	Horizontal screws	8x CS8x240
9	Z581	Clamping jaw screws	4x CS8x160
9.1	Z672	Clamping jaw screws	4x CS8x240

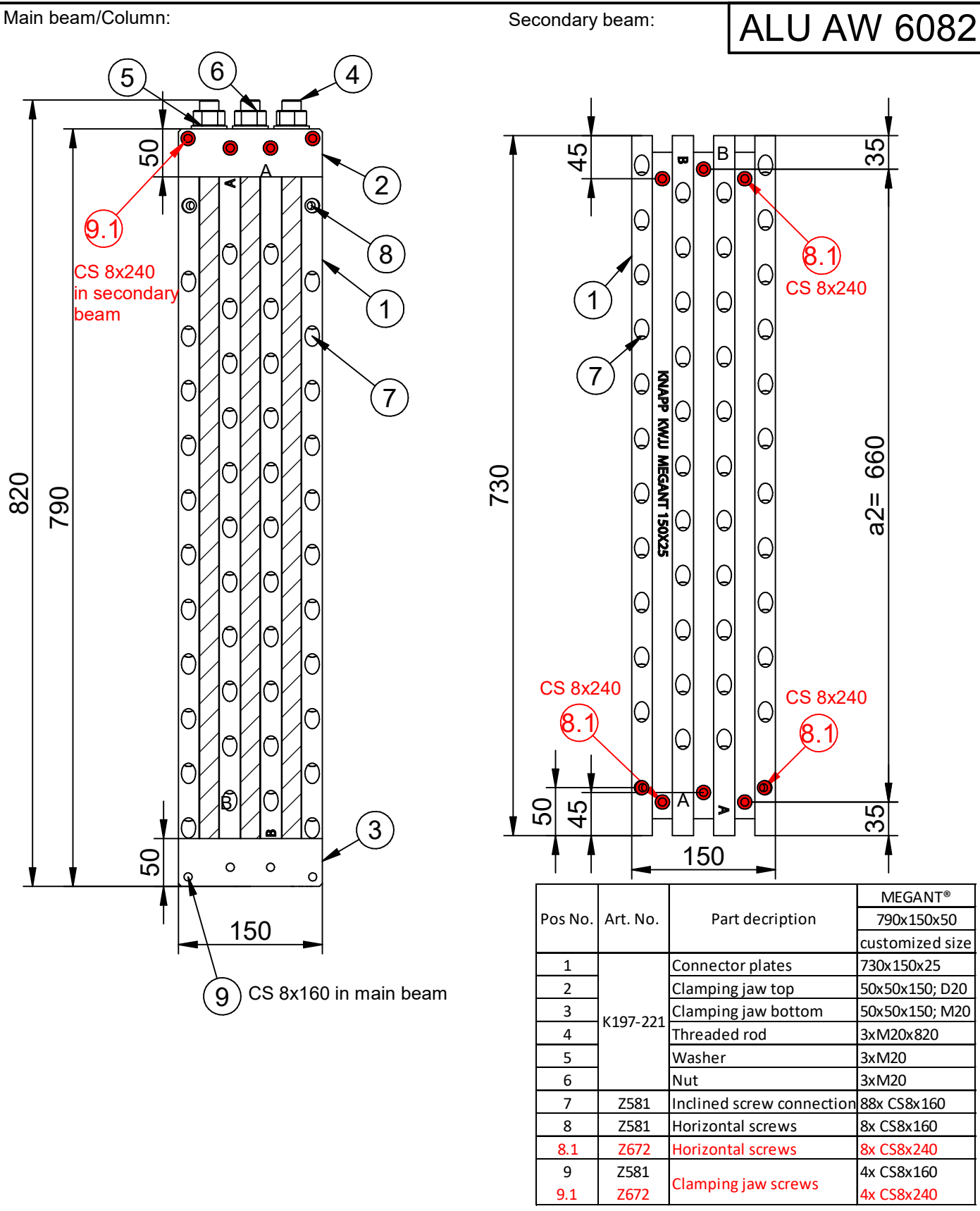
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MEGANT® 790x150x50

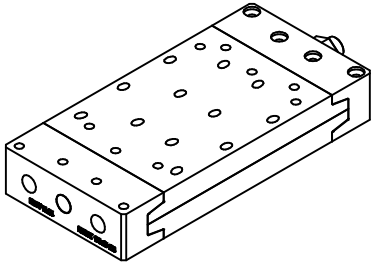
Overview customized sizes - only request



Pos No.	Art. No.	Part description	MEGANT®
			790x150x50 customized size
1	K197-221	Connector plates	730x150x25
2		Clamping jaw top	50x50x150; D20
3		Clamping jaw bottom	50x50x150; M20
4		Threaded rod	3xM20x820
5		Washer	3xM20
6		Nut	3xM20
7	Z581	Inclined screw connection	88x CS8x160
8	Z581	Horizontal screws	8x CS8x160
8.1	Z672	Horizontal screws	8x CS8x240
9	Z581	Clamping jaw screws	4x CS8x160
9.1	Z672	Clamping jaw screws	4x CS8x240

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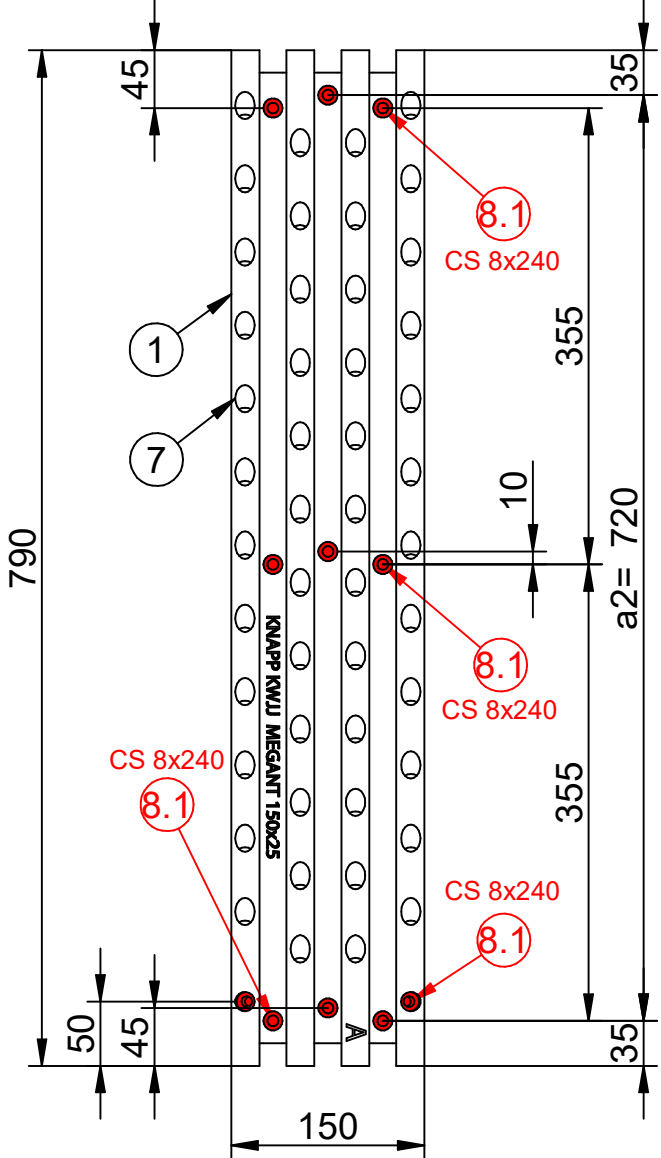
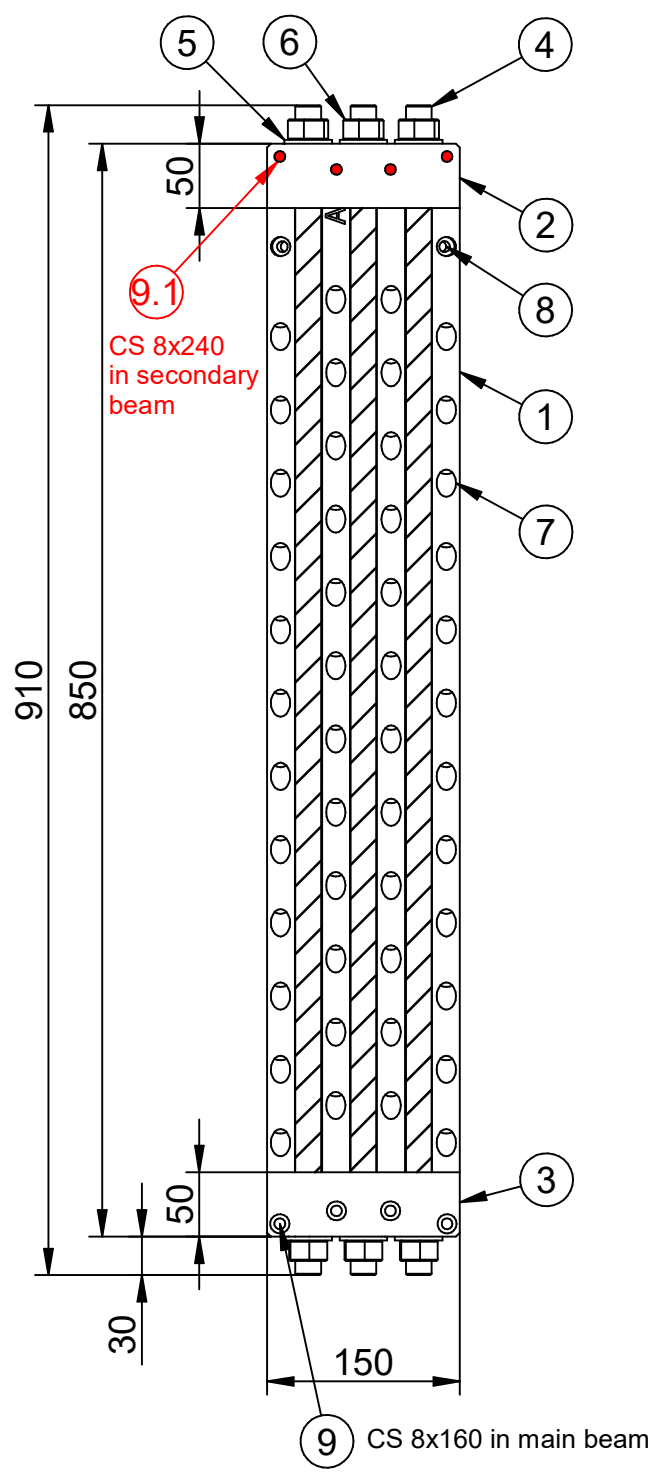
MEGANT® 850x150x50

Overview customized sizes - only request

ALU AW 6082

Main beam/Column:

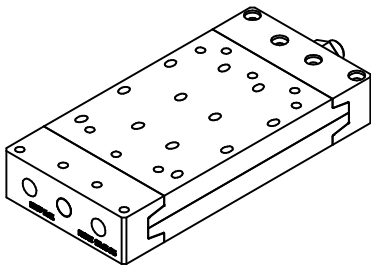
Secondary beam:



Pos No.	Art. No.	Part description	MEGANT®
			850x150x50 customized size
1	K197-221	Connector plates	790x150x26
2		Clamping jaw top	50x50x150; D20
3		Clamping jaw bottom	50x50x150; M20
4		Threaded rod	3xM20x910
5		Washer	6xM20
6		Nut	6xM20
7	Z581	Inclined screw connection	96x CS8x160
8	Z581	Horizontal screws	11x CS8x160
8.1	Z672	Horizontal screws	11x CS8x240
9	Z581	Clamping jaw screws	4x CS8x160
9.1	Z672	Clamping jaw screws	4x CS8x240

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MEGANT® 1090x150x50

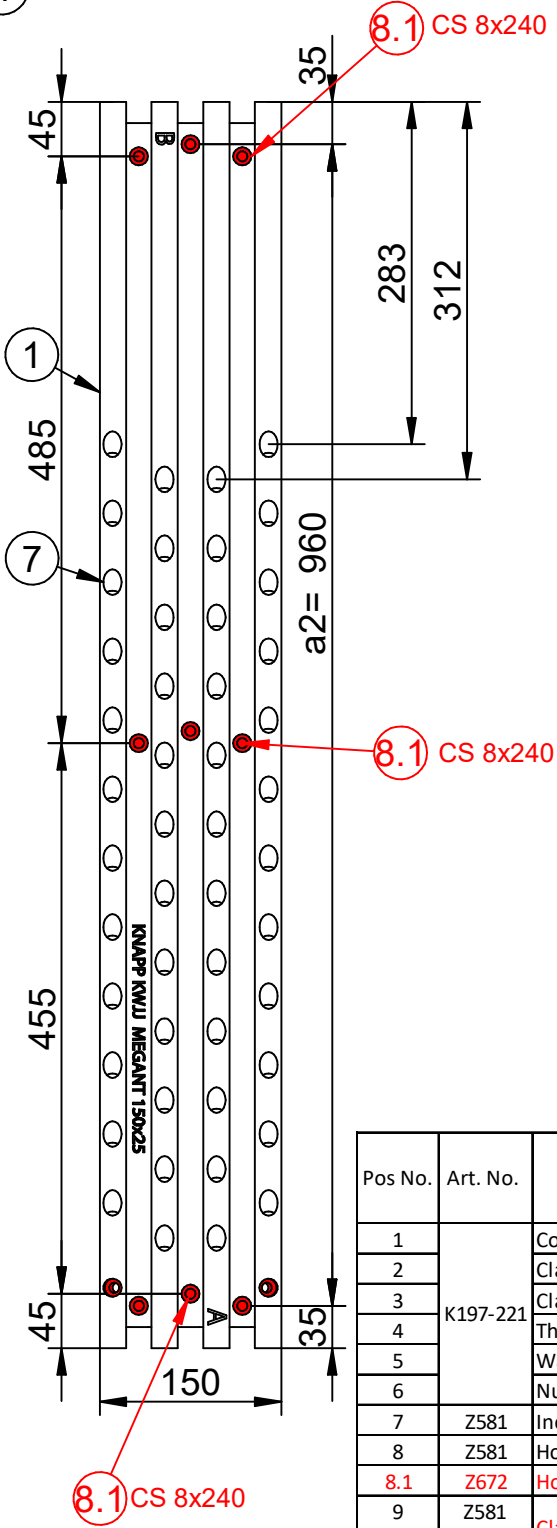
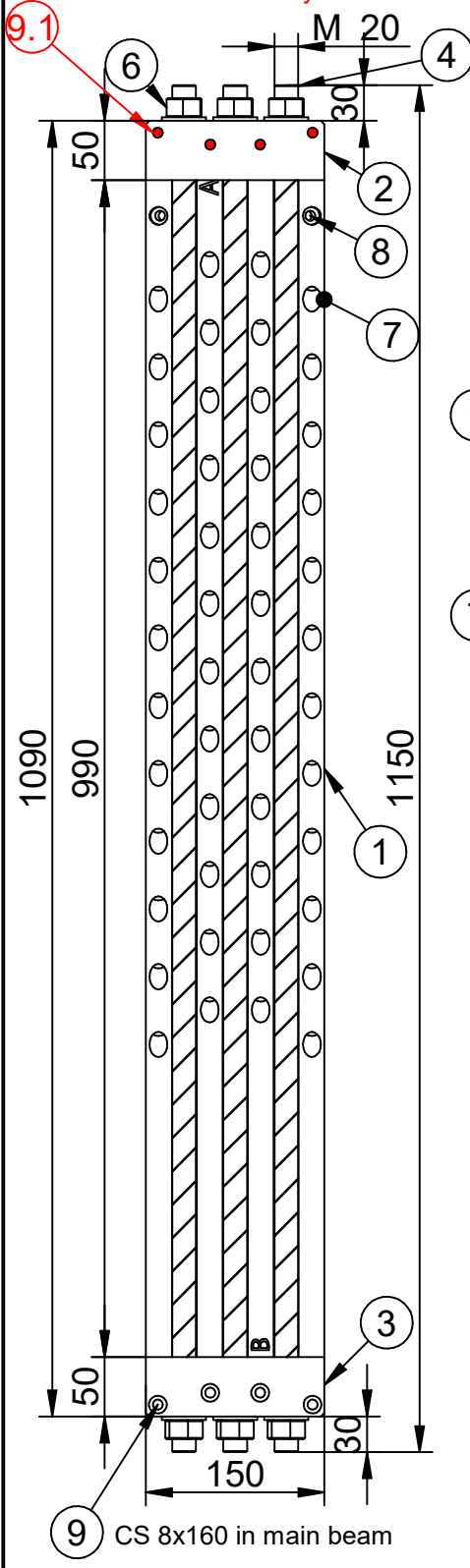
Overview customized sizes - only request

ALU AW 6082

Main beam/Column:

Secondary beam:

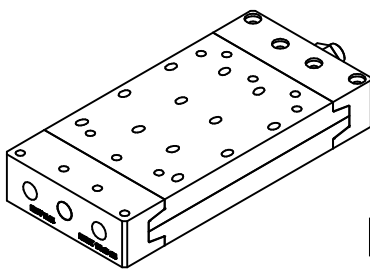
CS 8x240 in secondary beam



Pos No.	Art. No.	Part description	MEGANT®
			1090x150x50 customized size
1	K197-221	Connector plates	1030x150x50
2		Clamping jaw top	50x50x150; D20
3		Clamping jaw bottom	50x50x150; M20
4		Threaded rod	3xM20x1150
5		Washer	6xM20
6		Nut	6xM20
7	Z581	Inclined screw connection	96x CS8x160
8	Z581	Horizontal screws	11x CS8x160
8.1	Z672	Horizontal screws	11x CS8x240
9	Z581	Clamping jaw screws	4x CS8x160
9.1	Z672	Clamping jaw screws	4x CS8x240

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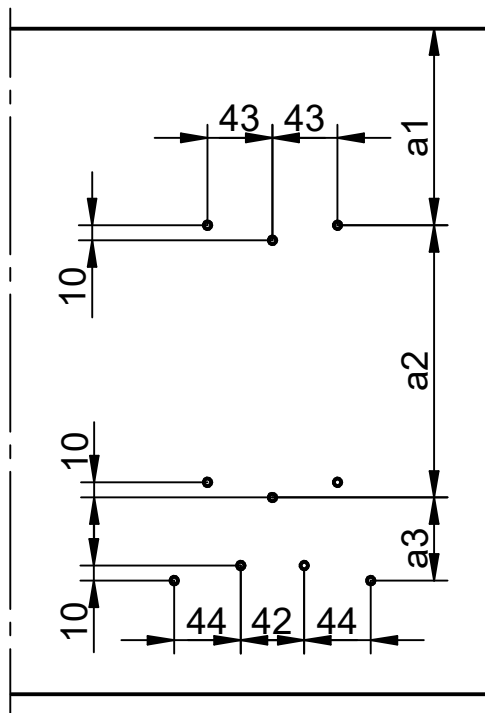


MEGANT® 150x50

Drilling pattern visible central installation

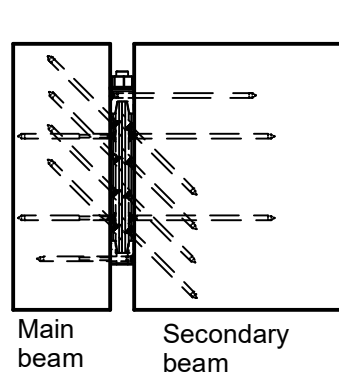
ALU AW 6082

Drill pattern main beam !



Softwood:
10x holes
Ø 5mm,
depth 30 mm

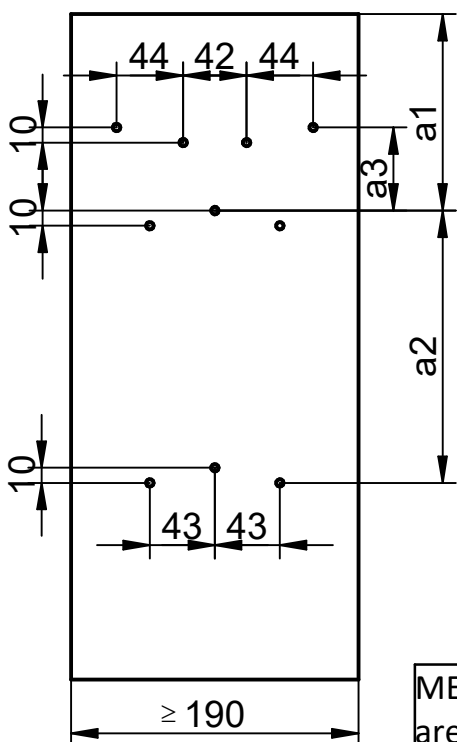
Hardwood:
10x holes
Ø 6mm,
depth screw
length
~120 mm



Main beam

Secondary beam

Drilling positions for centered, visible mounting in secondary beam !



Softwood:
10x holes
Ø 5mm,
depth 30 mm

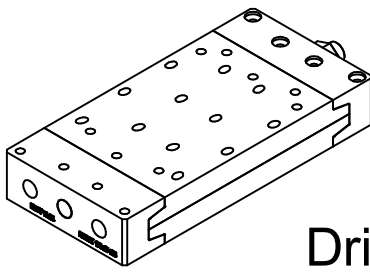
Hardwood:
10x holes
Ø 6mm,
depth screw
length~120 mm

Drilling dimensions with visible central installation

Secondary beam	Drilling distances a1 depending on the secondary beam height HN [mm]				
	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
Heigth					
H _N [mm]					
720	135				
760	155				
800	175				
840	195	120			
880	215	140			
920	235	160	130		
960	255	180	150	120	
1000	275	200	170	140	
1040		220	190	160	
1080		240	210	180	
1160		280	250	220	
1200		300	270	240	120
1240		320	290	260	140
1280		340	310	280	160
1320		360	330	300	180
1360		380	350	320	200
1400		400	370	340	220
1440			390	360	240
1480			410	380	260
1520			430	400	280
1560			450	420	300
1600			470	440	320

Distances	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
a2 [mm]	465	600	660	720	960
a3 [mm]	55	55	55	55	55

MEGANT marking templates in any size for the horizontal drilling are available on request.

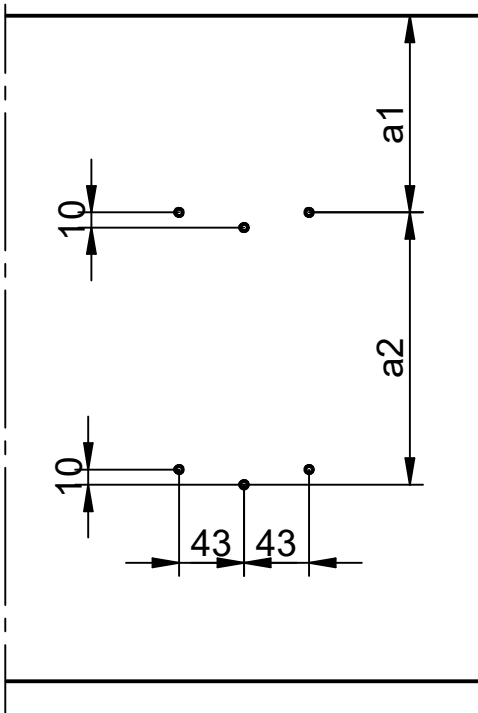


MEGANT® 150x50

Drilling pattern concealed central installation

ALU AW 6082

Drill pattern main beam !

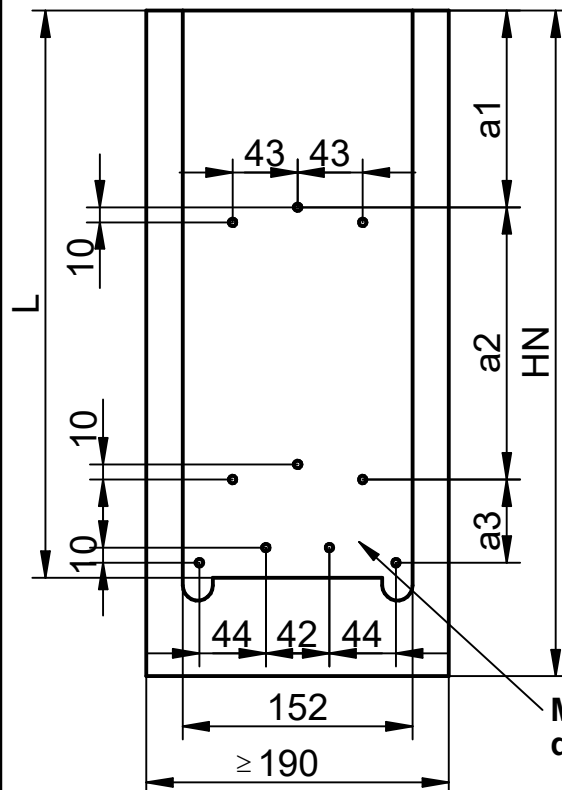


Softwood:
6x holes
Ø 5mm,
depth 30 mm

Hardwood:
6x holes
Ø 6mm,
depth screw
length ~120 mm

Drilling dimensions with concealed central installation					
Secondary beam	Drilling distances a1 depending on the secondary beam height HN [mm]				
Height HN [mm]	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
720	135				
760	155				
800	175				
840	195	120			
880	215	140			
920	235	160	130		
960	255	180	150	120	
1000	275	200	170	140	
1040		220	190	160	
1080		240	210	180	
1160		280	250	220	
1200		300	270	240	120
1240		320	290	260	140
1280		340	310	280	160
1320		360	330	300	180
1360		380	350	320	200
1400		400	370	340	220
1440			390	360	240
1480			410	380	260
1520			430	400	280
1560			450	420	300
1600			470	440	320

Milling pattern and positioning holes for central, concealed installation in the secondary beam !



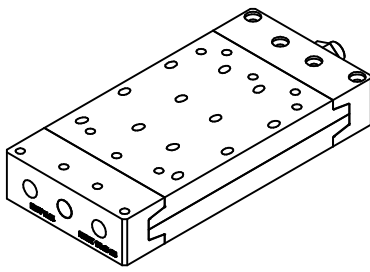
Softwood:
10x holes
Ø 5mm,
depth 30 mm

Hardwood:
10x holes
Ø 6mm,
depth screw
length~120 mm

Distances	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
a2 [mm]	465	600	660	720	960
a3 [mm]	55	55	55	55	55

Secondary beam	Milling lengths L depending on the secondary beam height HN [mm]				
Height HN [mm]	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
720	665				
760	685				
800	705				
840	725	785			
880	745	805			
920	765	825	855		
960	785	845	875	935	
1000	805	865	895	955	
1040		885	915	975	
1080		905	935	995	
1160		945	975	1035	
1200		965	995	1055	1175
1240		985	1015	1075	1195
1280		1005	1035	1095	1215
1320		1025	1055	1115	1235
1360		1045	1075	1135	1255
1400		1065	1095	1155	1275
1440			1115	1175	1295
1480			1135	1195	1315
1520			1155	1215	1335
1560			1175	1235	1355
1600			1195	1255	1375

MEGANT marking templates in any size for the horizontal drilling are available on request.

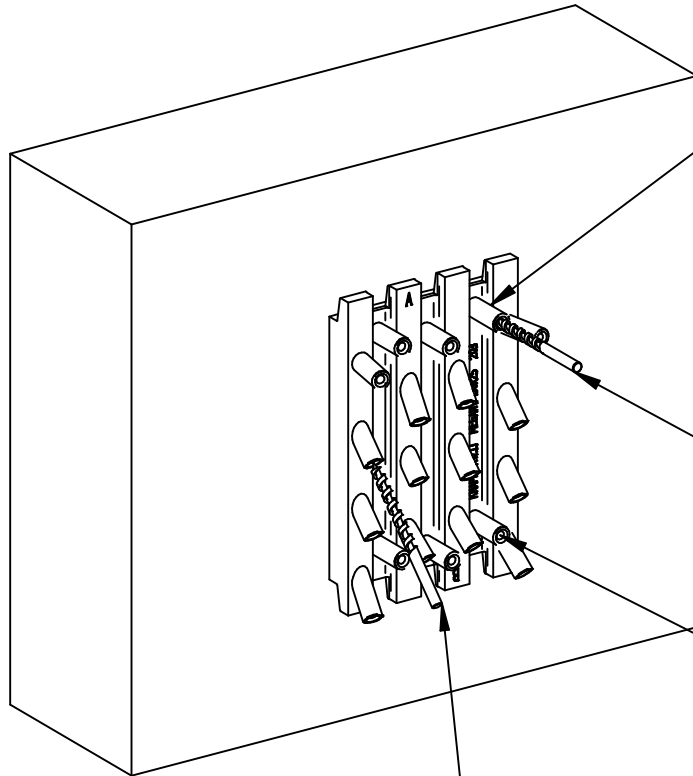


MEGANT® 150x50

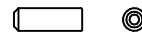
Pre-drilling Megant in **Hardwood**

ALU AW 6082

Hardwood main beam:



1.) Plug in Megant-KNAPP-drill-bushing into connector plate !

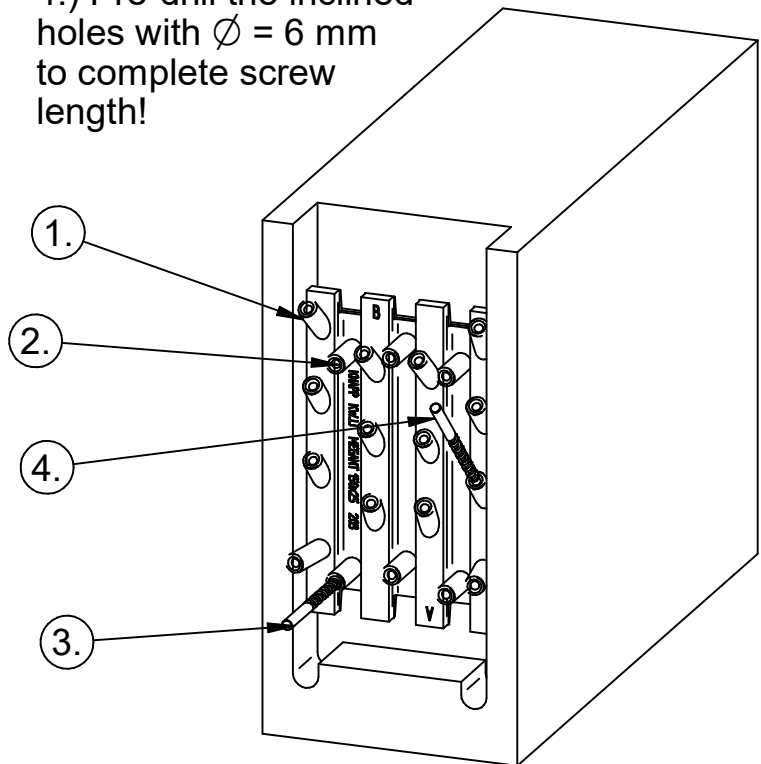


2.) Pre-drill horizontal screws with $\varnothing = 6$ mm to complete screw length

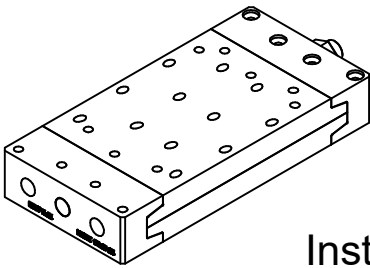
3.) Fix the template in the horizontal bore holes

4.) Pre-drill the inclined holes with $\varnothing = 6$ mm to complete screw length!

Hardwood secondary beam:



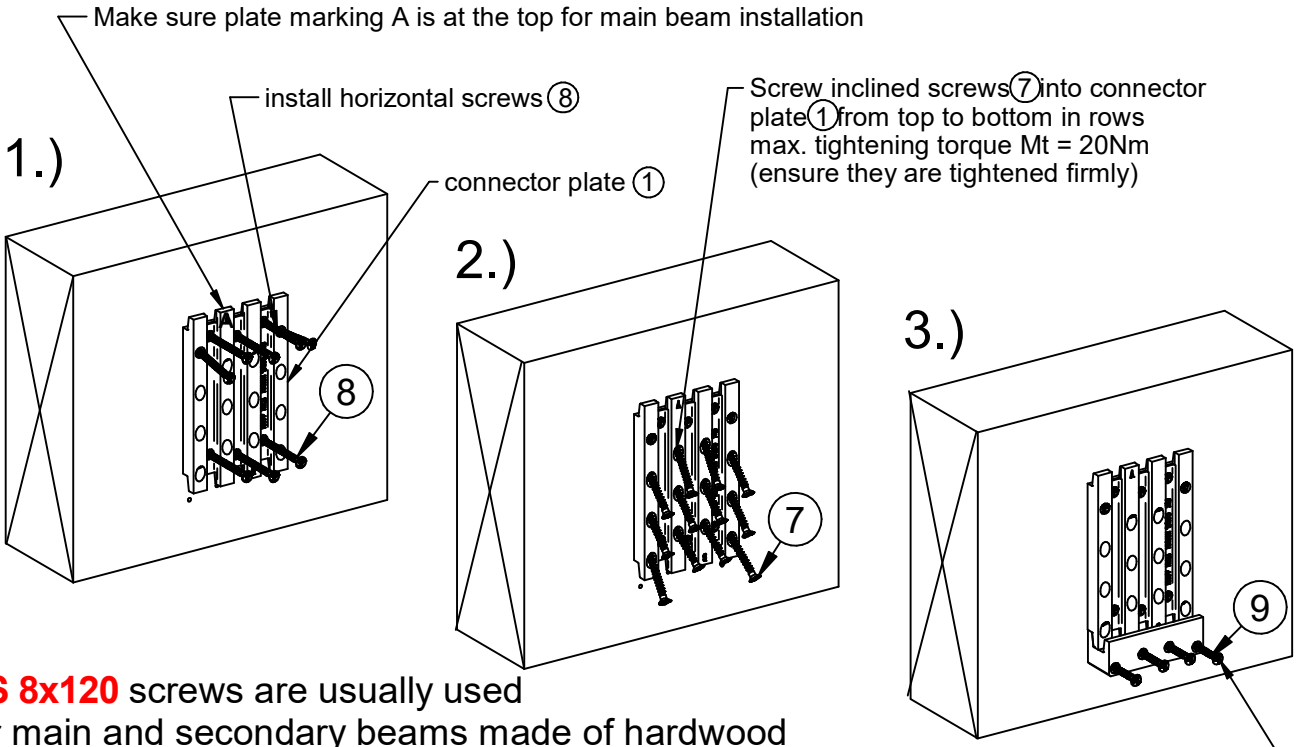
MEGANT® 150x50



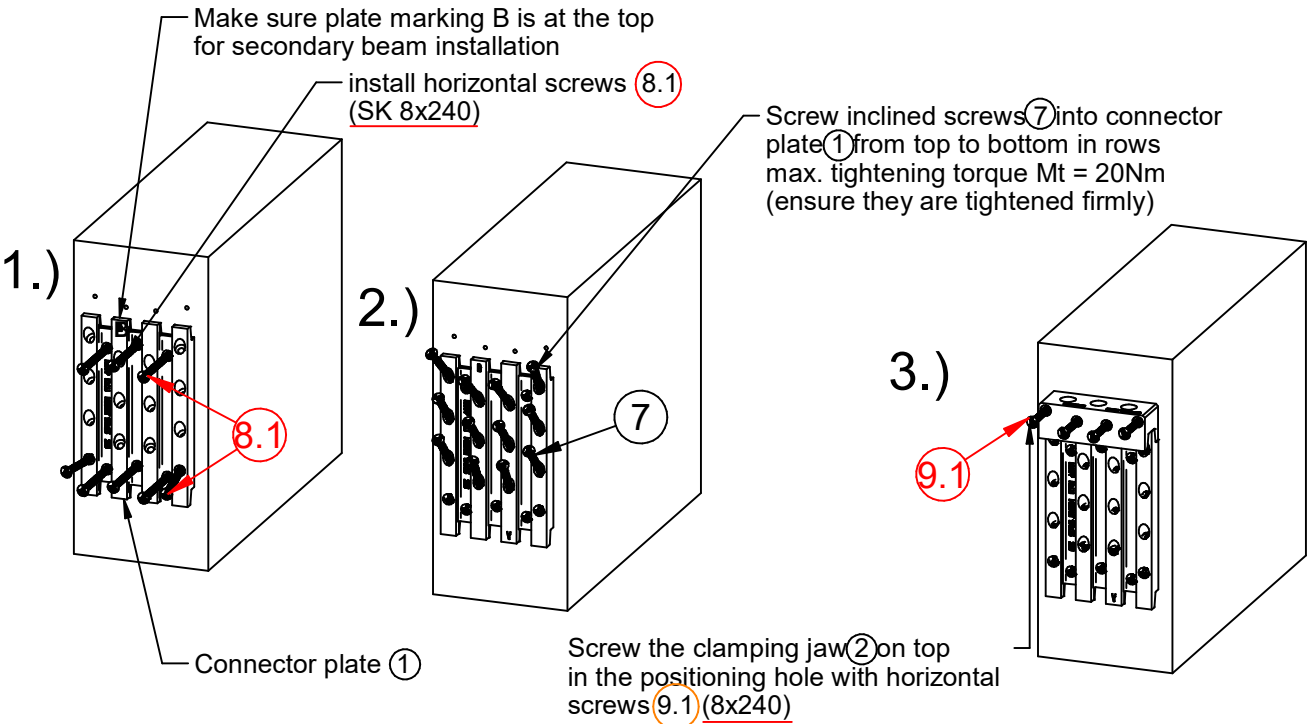
Install MEGANT Visible in the main and secondary beam

ALU AW 6082

Main beam

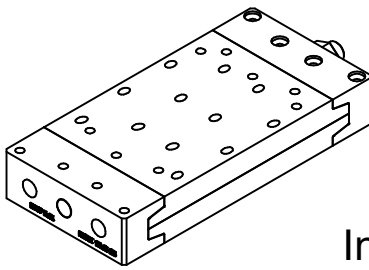


Secondary beam



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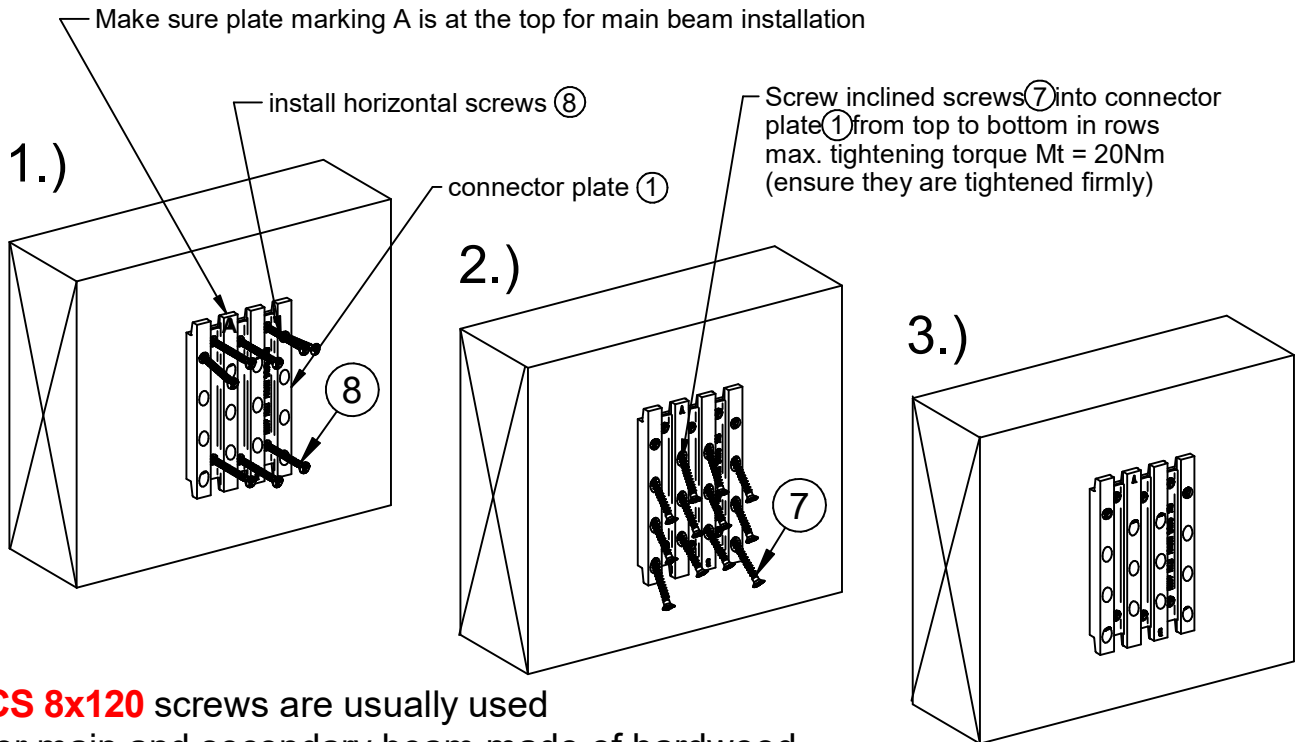


MEGANT® 150x50

Install Megant Concealed in main and secondary beam

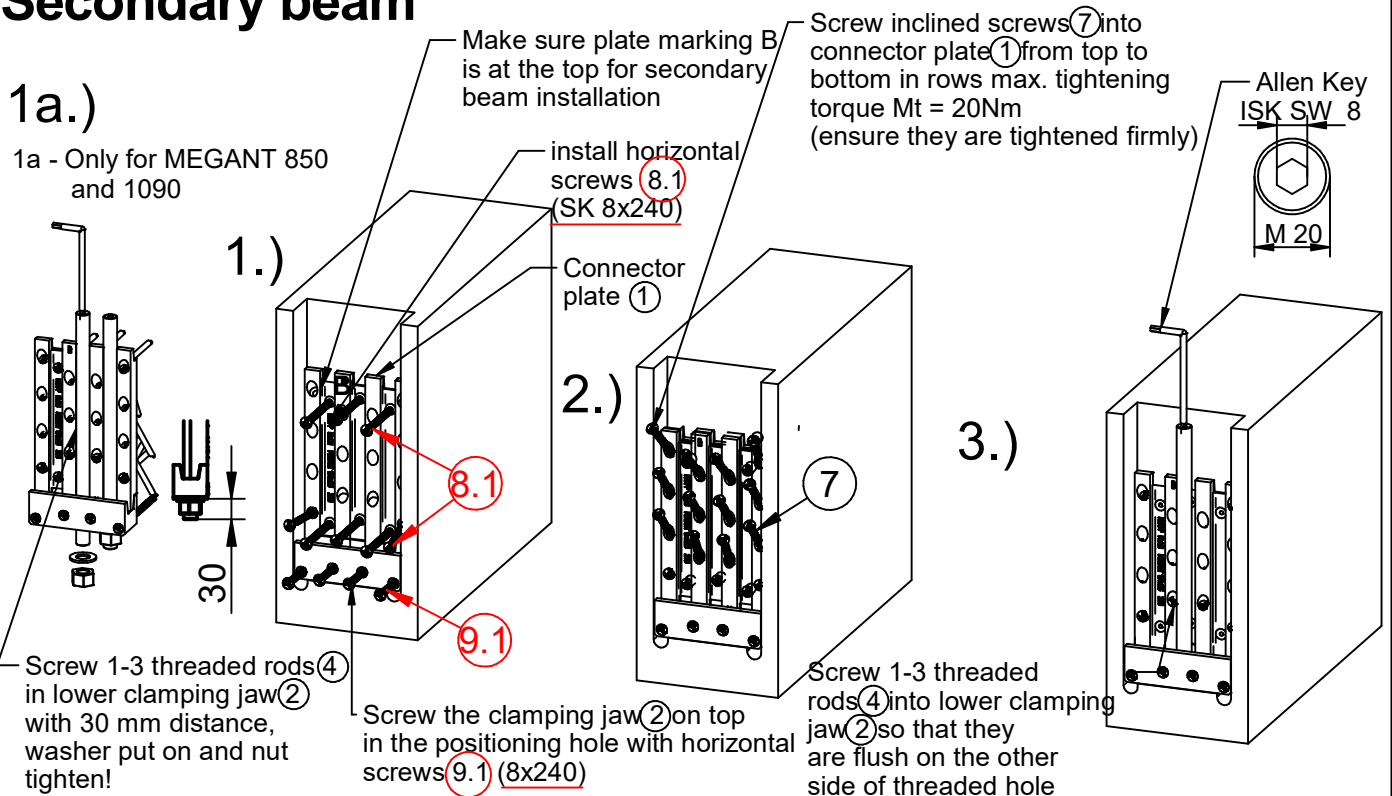
ALU AW 6082

Main beam



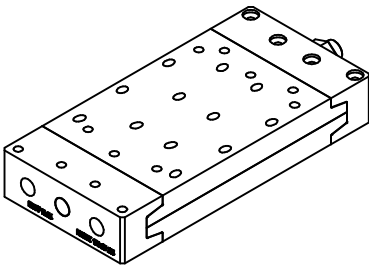
CS 8x120 screws are usually used for main and secondary beam made of hardwood

Secondary beam



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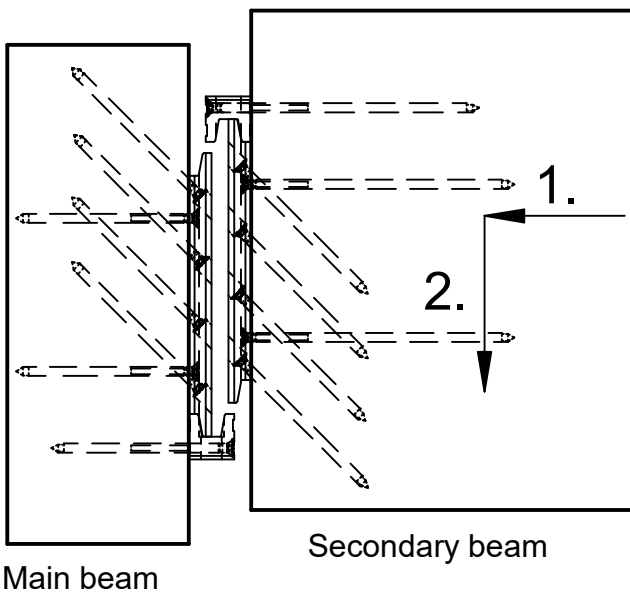


MEGANT® 150x50

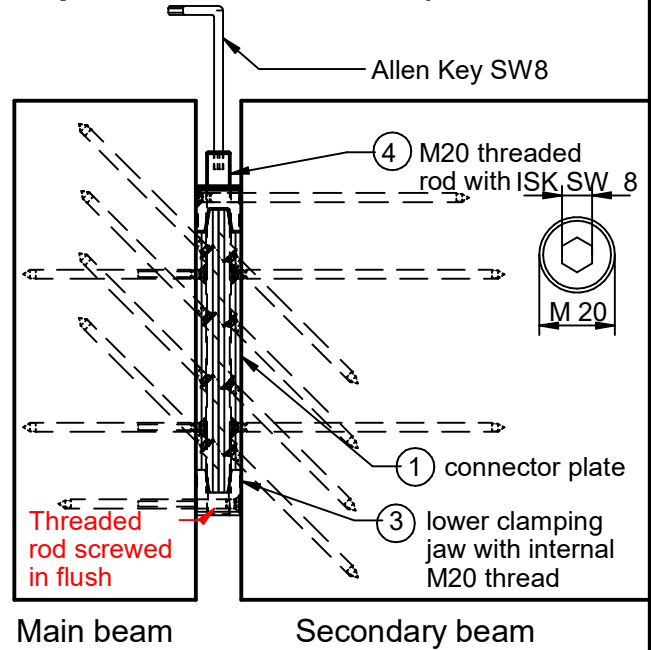
Process of visible assembly

ALU AW 6082

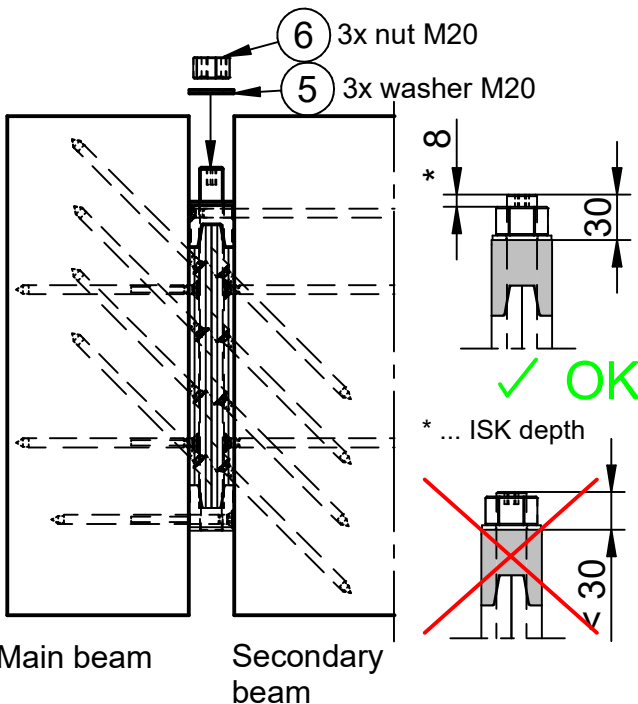
1. Install secondary beam



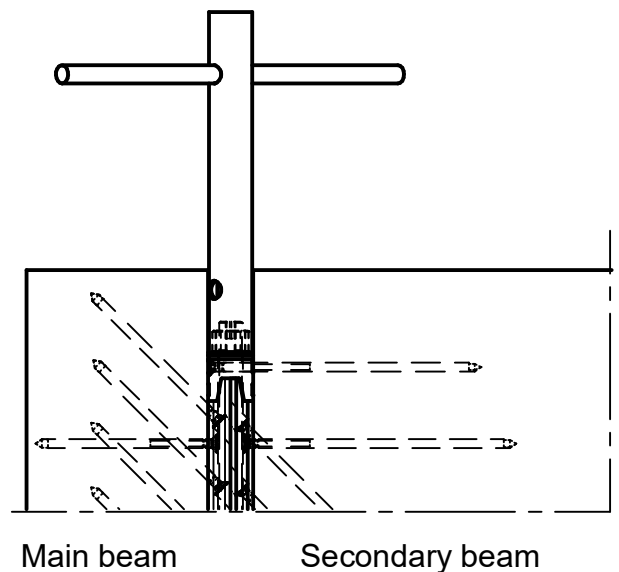
2. Install M20 threaded rod (4) in lower clamping jaw (3) flush (accept sizes 850 and 1090)



3. Install clamping jaw, washer and M 20 nut

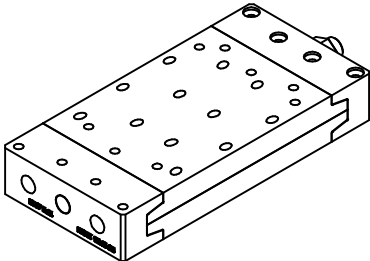


4. Tighten M20 nut with SW 30 wrench (40 Nm)!



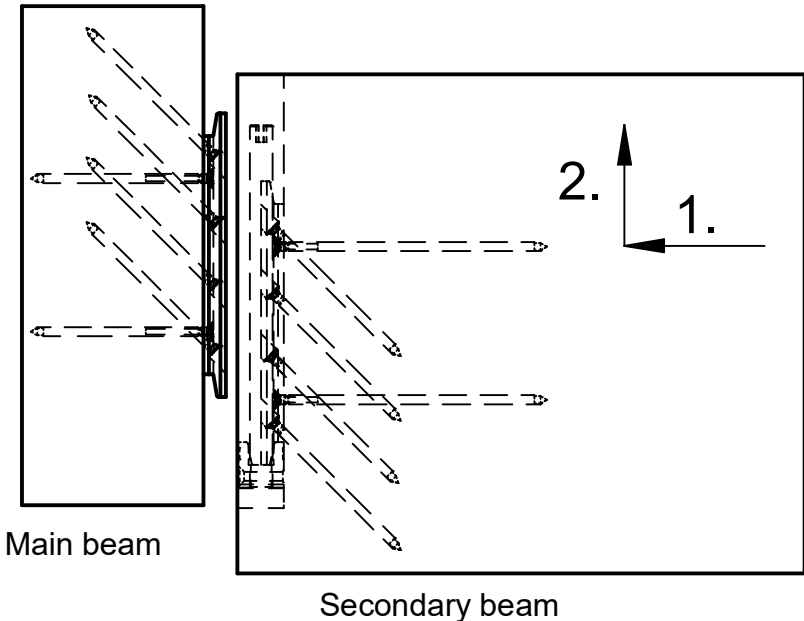
MEGANT® 150x50

Process of concealed assembly

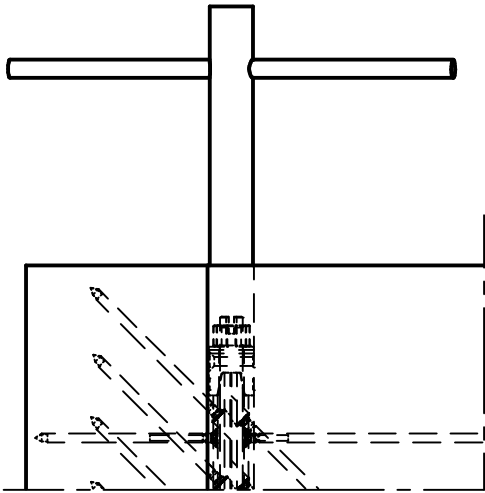
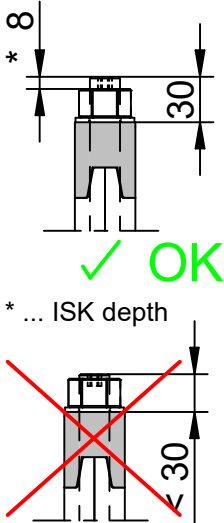
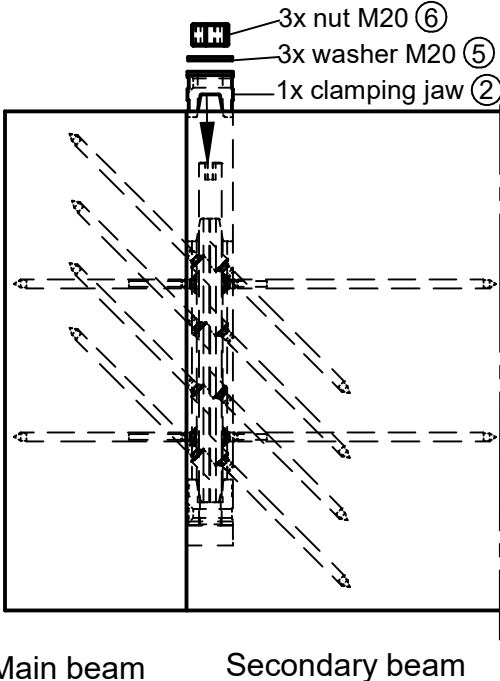


1. Install the secondary beam from below

ALU AW 6082



2. Put on the clamping jaw, washer and M20 nut and tighten with a socket wrench (SW30) to 40 Nm!

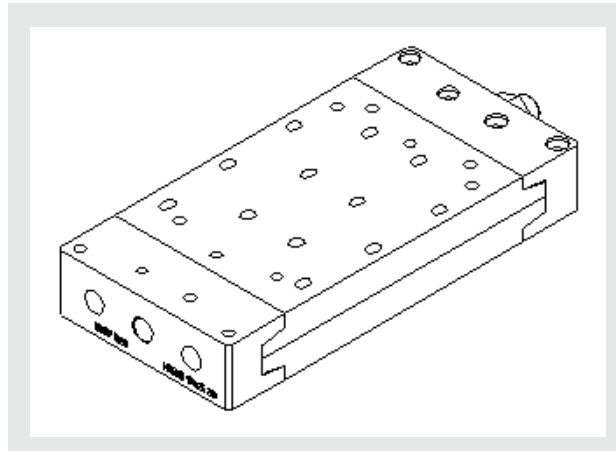


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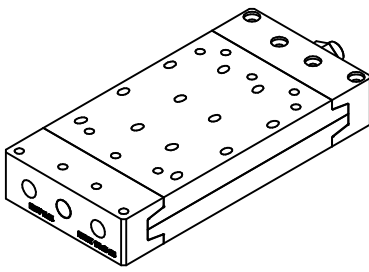
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connectors.com

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Réf.

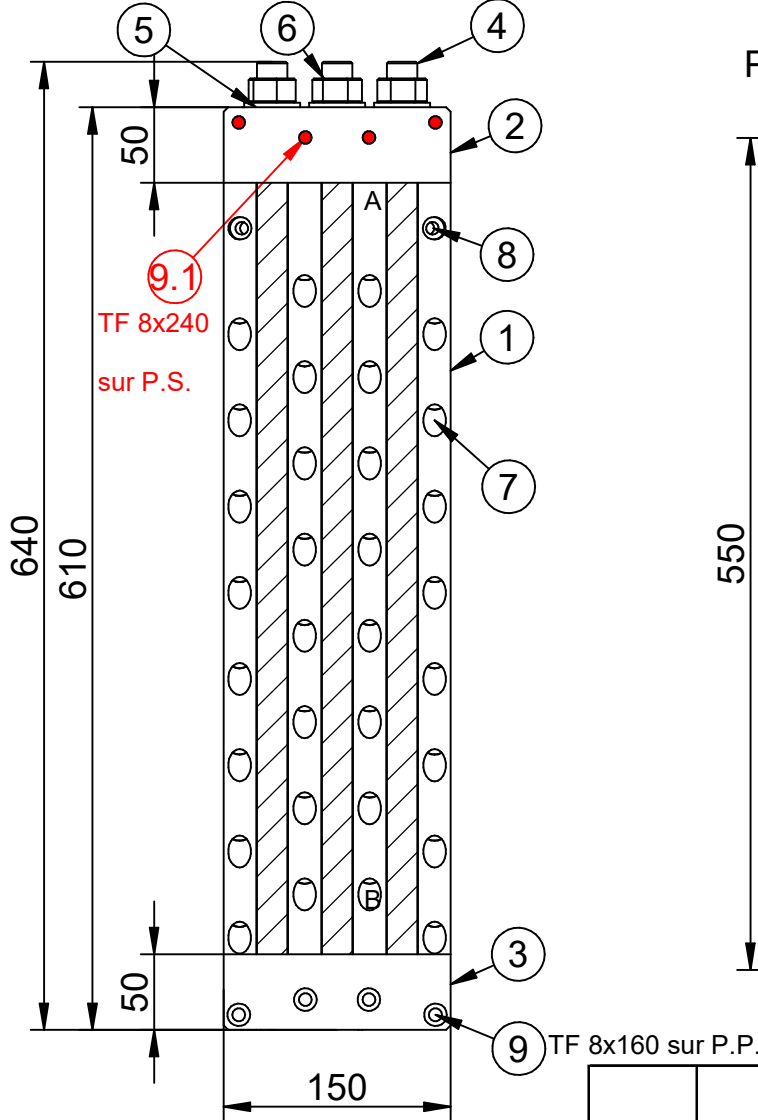


MEGANT® 610x150x50

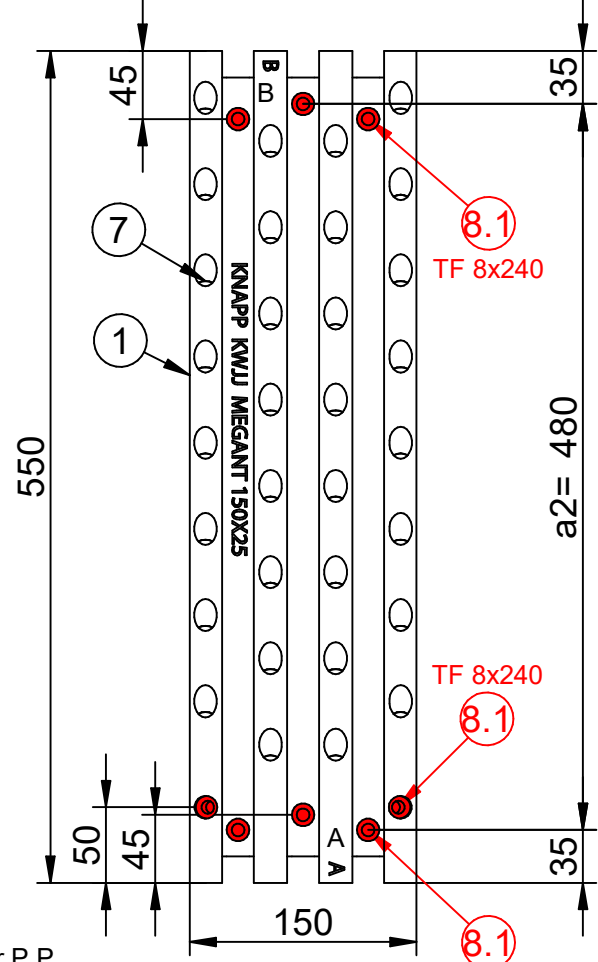
Vue d'ensemble des dimensions spéciales
- disponibles sur demande

ALU AW 6082

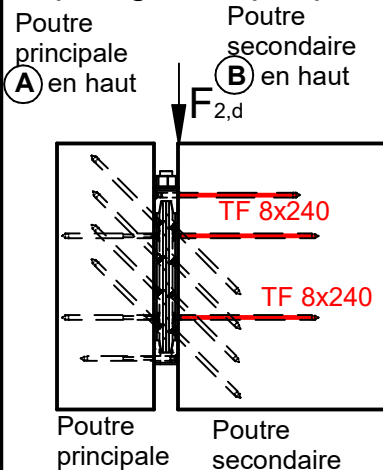
Poutres principales/(poteaux) (P.P.):



Poutres secondaires (P.S.):



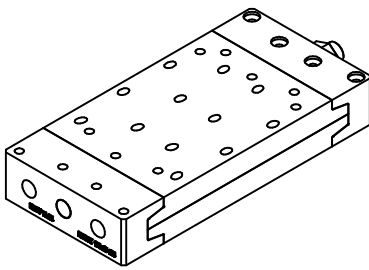
Repérage des plaques:



Pos Nr.	Réf.	Désignations	MEGANT®
			610x150x50
			Dimensions spéciales
1	K197-221	Plaques principales	550x150x25
2		Mâchoire haute	50x50x150; D20
3		Mâchoire basse	50x50x150; M20
4		Tige filetée	3xM20x640
5		Rondelle	3xM20
6		Écrou	3xM20
7	Z581	Vissage biais	64x TF8x160
8	Z581	Vissage horizontal	8x TF8x160
8.1	Z672	Vissage horizontal	8x TF8x240
9	Z581		4x TF8x160
9.1	Z672	Vissage mâchoires	4x TF8x240

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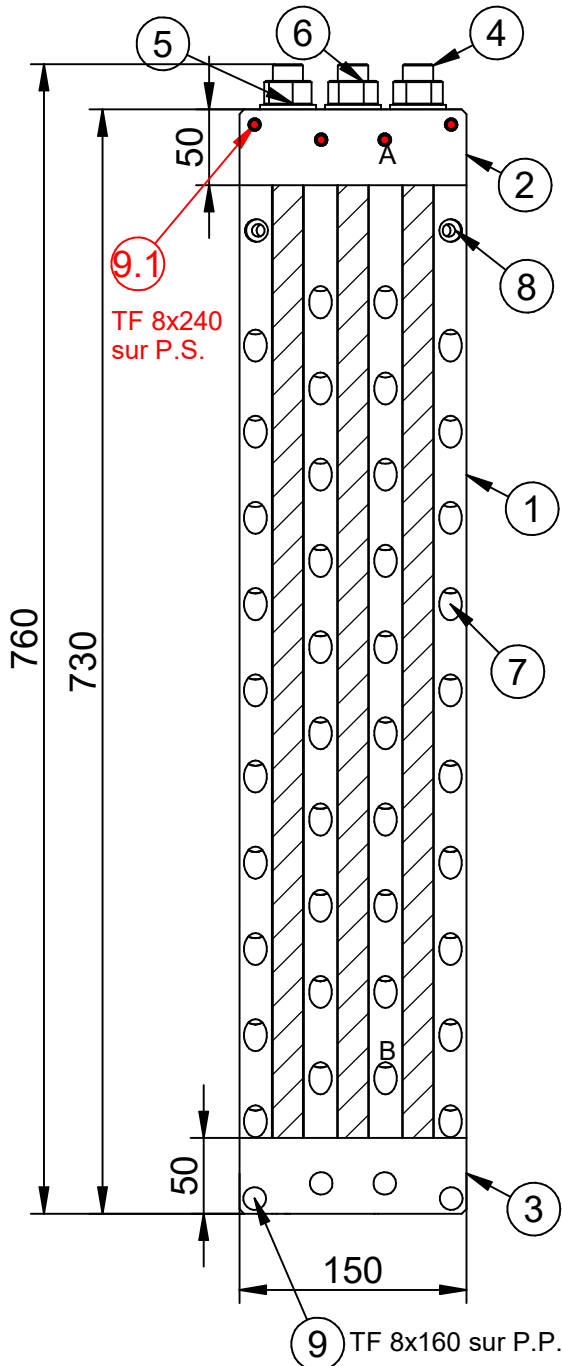


MEGANT® 730x150x50

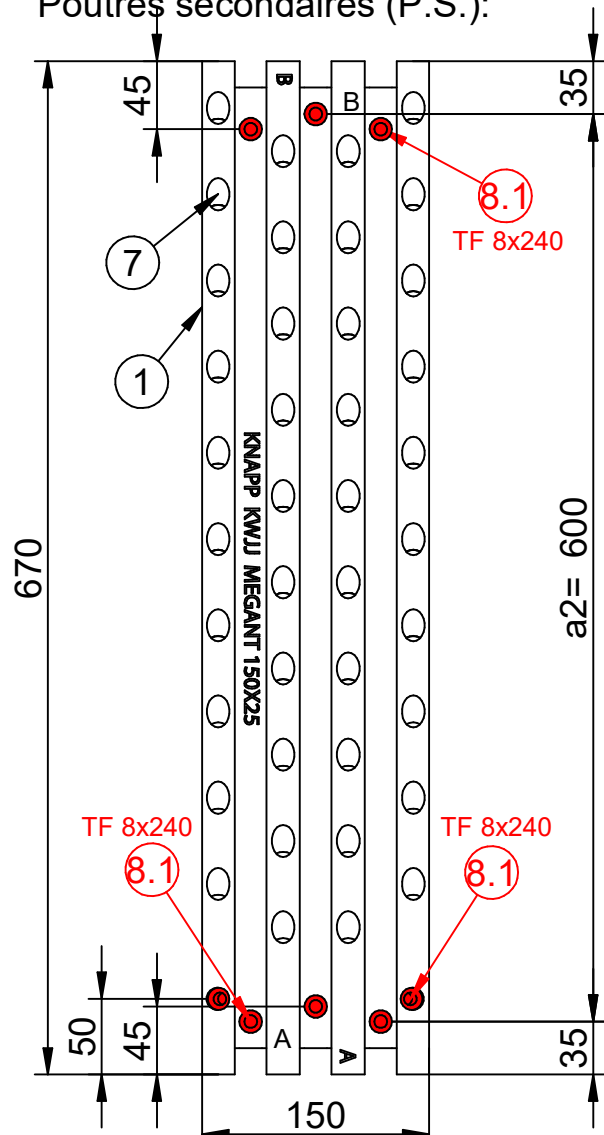
Vue d'ensemble des dimensions spéciales
- disponibles sur demande

Poutres principales/(poteaux)(P.P.):

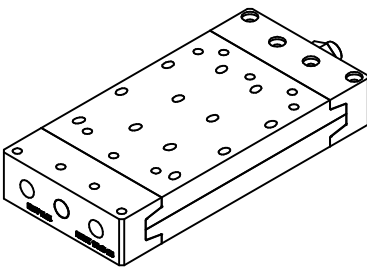
ALU AW 6082



Poutres secondaires (P.S.):



Pos Nr.	Réf.	Désignations	MEGANT®
			730x150x50
			Réf. K251
1	K197-221	Plaques principales	670x150x25
2		Mâchoire haute	50x50x150; D20
3		Mâchoire basse	50x50x150; M20
4		Tige filetée	3xM20x760
5		Rondelle	3xM20
6		Écrou	3xM20
7	Z581	Vissage biais	80x TF8x160
8	Z581	Vissage horizontal	8x TF8x160
8.1	Z672	Vissage horizontal	8x TF8x240
9	Z581		4x TF8x160
9.1	Z672	Vissage mâchoires	4x TF8x240



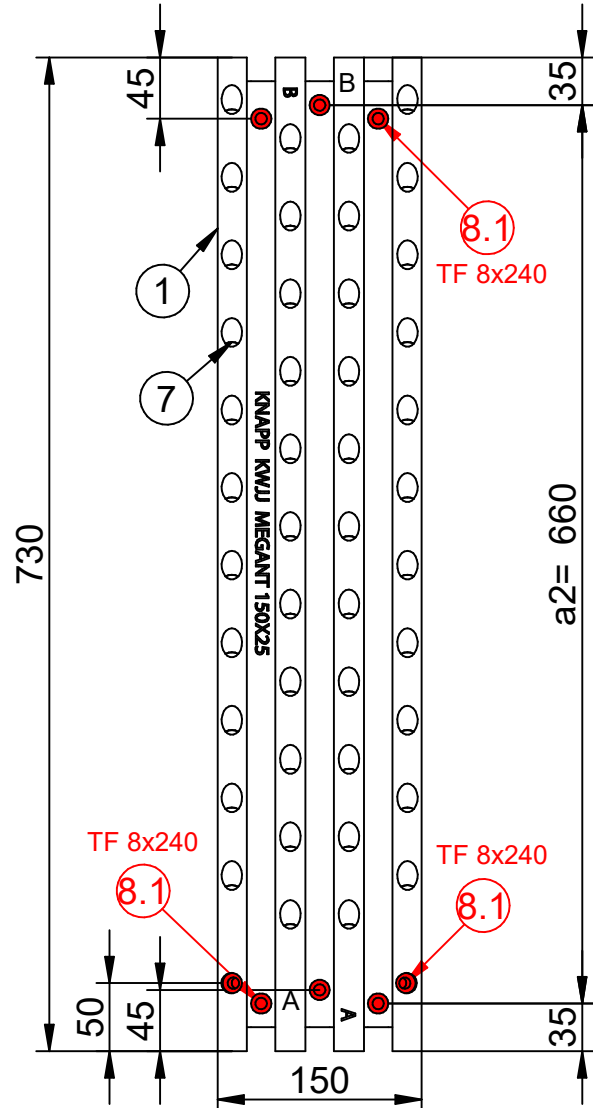
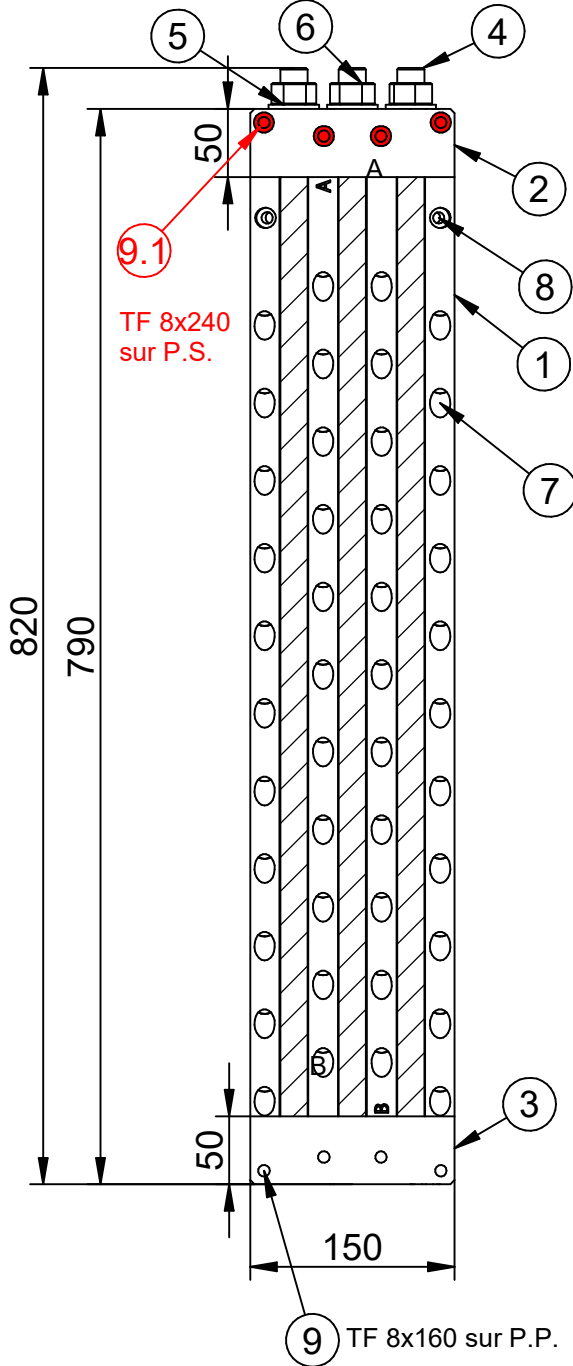
MEGANT® 790x150x50

Vue d'ensemble des dimensions spéciales
- disponibles sur demande

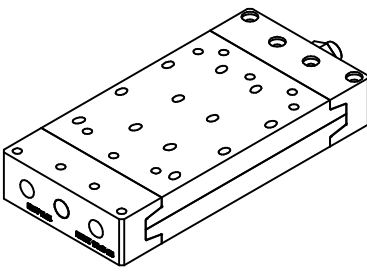
Poutres principales/(poteaux) (P.P.):

ALU AW 6082

Poutres secondaires (P.S.):



Pos Nr.	Réf.	Désignations	MEGANT®
			790x150x50 Dim. Spéciale
1	K197-221	Plaques principales	730x150x25
2		Mâchoire haute	50x50x150; D20
3		Mâchoire basse	50x50x150; M20
4		Tige filetée	3xM20x820
5		Rondelle	3xM20
6		Écrou	3xM20
7	Z581	Vissage biais	88x TF8x160
8	Z581	Vissage horizontal	8x TF8x160
8.1	Z672	Vissage horizontal	8x TF8x240
9	Z581		4x TF8x160
9.1	Z672	Vissage mâchoires	4x TF8x240

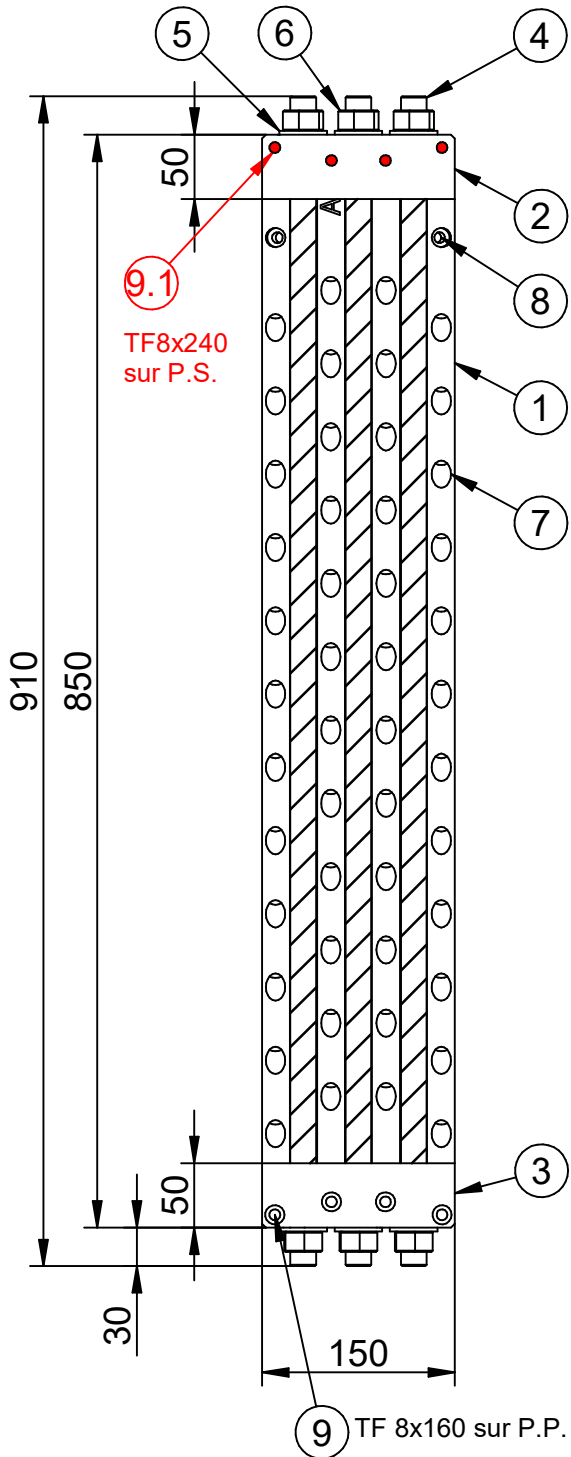


MEGANT® 850x150x50

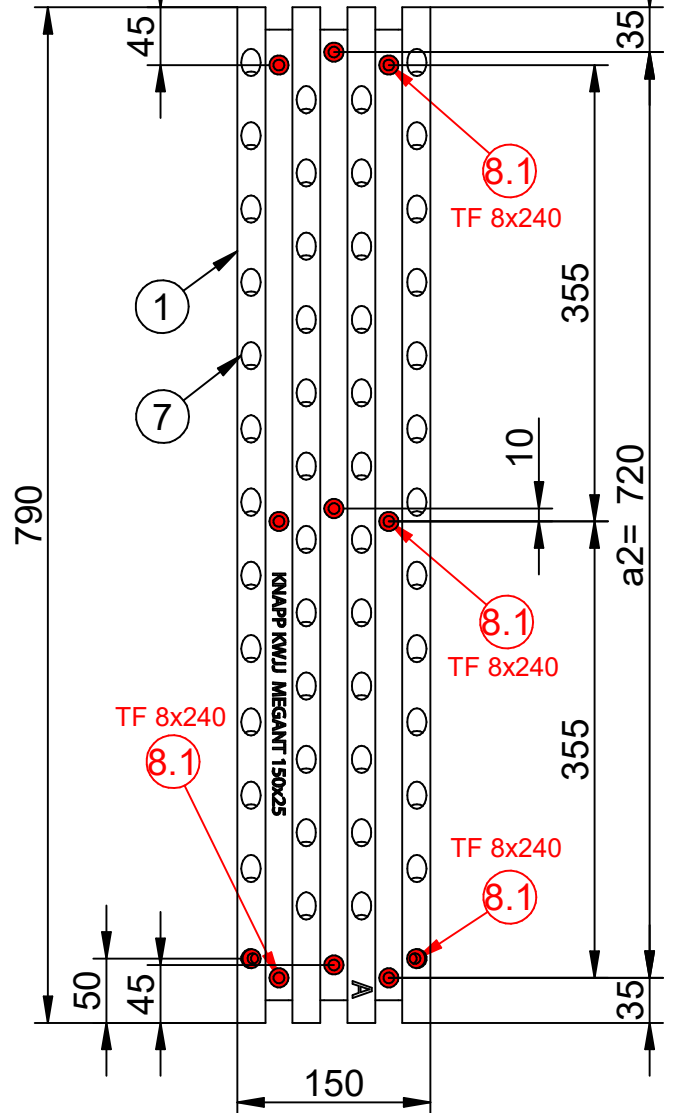
Vue d'ensemble des dimensions spéciales
- disponibles sur demande

Poutres principales/ (poteaux) (P.P.):

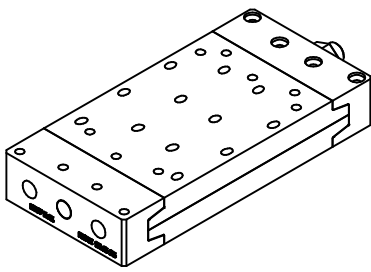
ALU AW 6082



Poutres secondaires (P.S.):

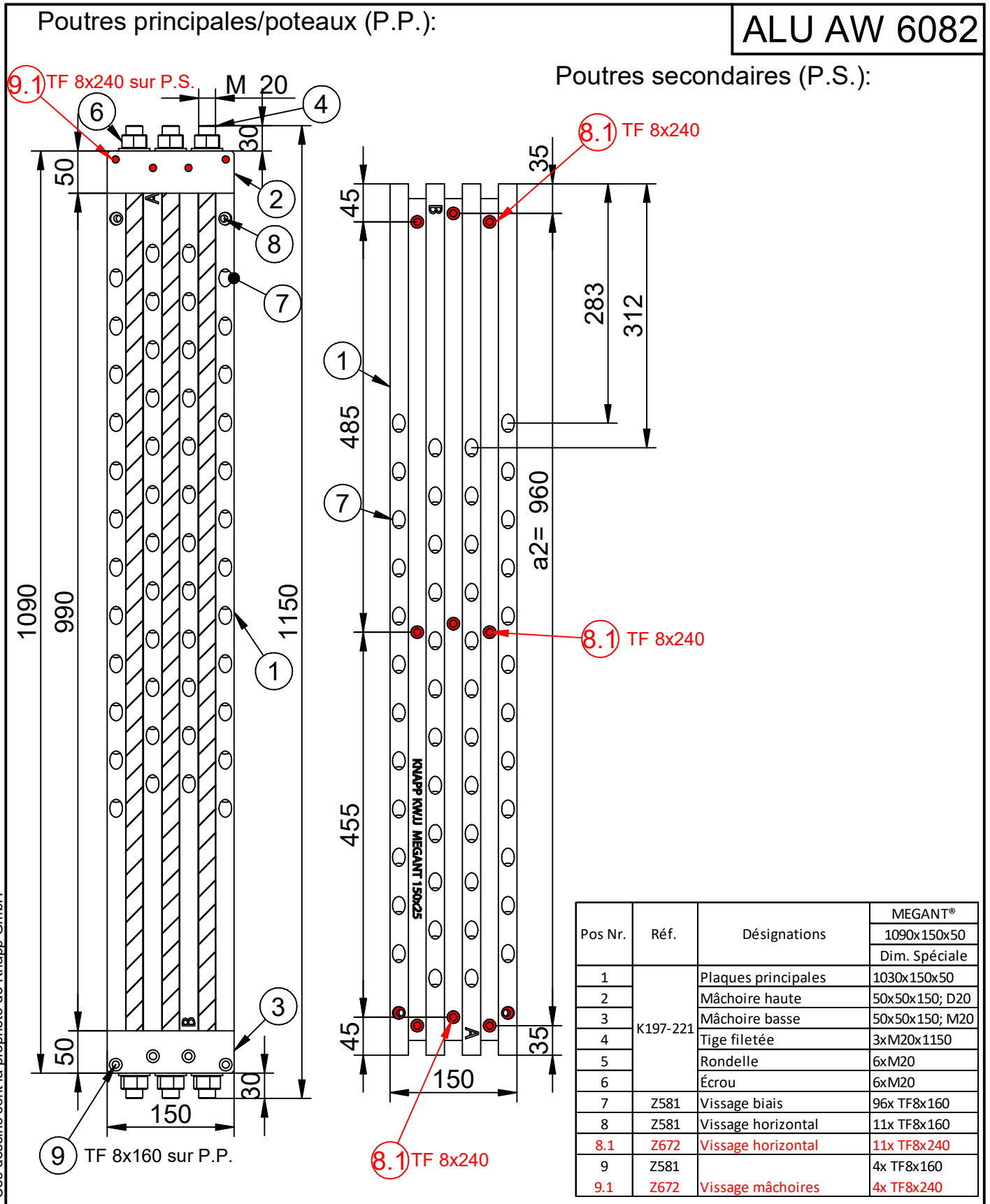


Pos Nr.	Réf.	Désignations	MEGANT®
			850x150x50 Dim. Spéciale
1	K197-221	Plaques principales	790x150x26
2		Mâchoire haute	50x50x150; D20
3		Mâchoire basse	50x50x150; M20
4		Tige filetée	3xM20x910
5		Rondelle	6xM20
6		Écrou	6xM20
7	Z581	Vissage biais	96x TF8x160
8	Z581	Vissage horizontal	11x TF8x160
8.1	Z672	Vissage horizontal	11x TF8x240
9	Z581		4x TF8x160
9.1	Z672	Vissage mâchoires	4x TF8x240



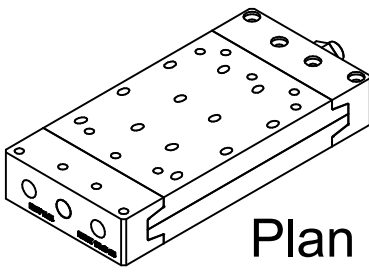
MEGANT® 1090x150x50

Vue d'ensemble des dimensions spéciales
- disponibles sur demande



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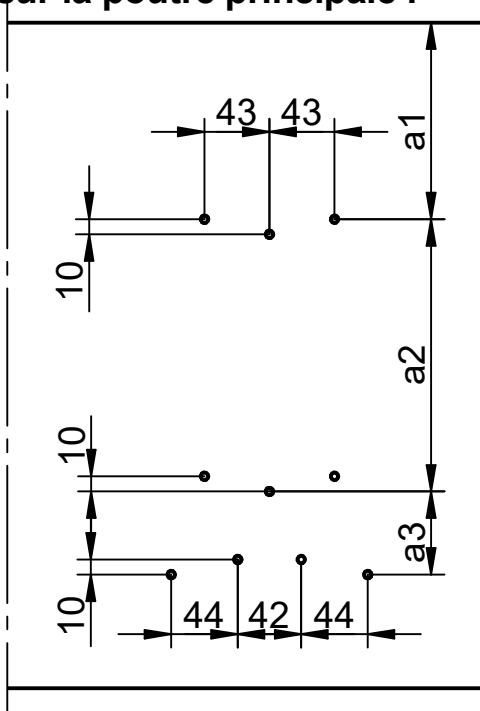


MEGANT® 150x50

Plan de perçage pour montage **centré et visible**

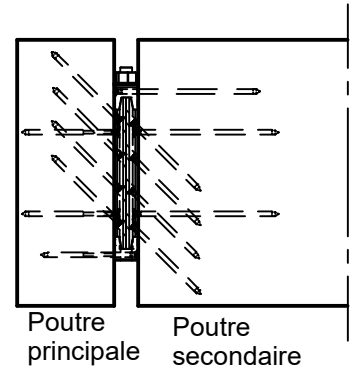
Réaliser les perçages de positionnement sur la poutre principale !

ALU AW 6082

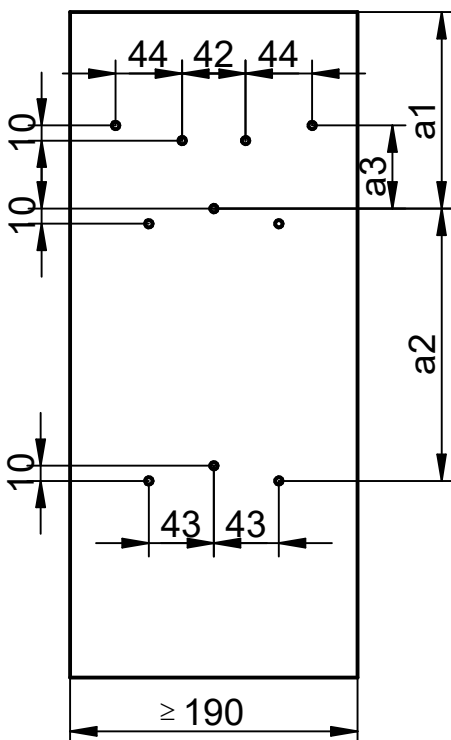


Résineux:
10 perçages
Ø 5 mm,
profondeur 30 mm

Feuillus :
10 perçages
Ø 6 mm,
profondeur suivant
long vis ~120 mm



Réaliser les perçages de positionnement sur la poutre secondaire !



Résineux:
10 perçages
Ø 5 mm,
profondeur 30 mm

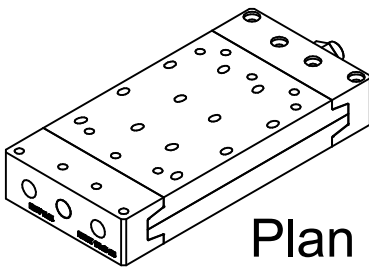
Feuillus:
10 perçages
Ø 6 mm,
profondeur suivant
long vis ~120 mm

Dimensions de perçages pour montage centré et visible					
Poutre secondaire	Distances de perçage a1 en relation avec la hauteur de poutre secondaire H _N [mm]				
	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
Hauteur H _N [mm]					
720	135				
760	155				
800	175				
840	195	120			
880	215	140			
920	235	160	130		
960	255	180	150	120	
1000	275	200	170	140	
1040		220	190	160	
1080		240	210	180	
1160		280	250	220	
1200		300	270	240	120
1240		320	290	260	140
1280		340	310	280	160
1320		360	330	300	180
1360		380	350	320	200
1400		400	370	340	220
1440			390	360	240
1480			410	380	260
1520			430	400	280
1560			450	420	300
1600			470	440	320
Distances	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
a2 [mm]	465	600	660	720	960
a3 [mm]	55	55	55	55	55

Platines de pointage pour la réalisation des perçages horizontaux, disponibles sur demande pour chaque dimensions MEGANT®

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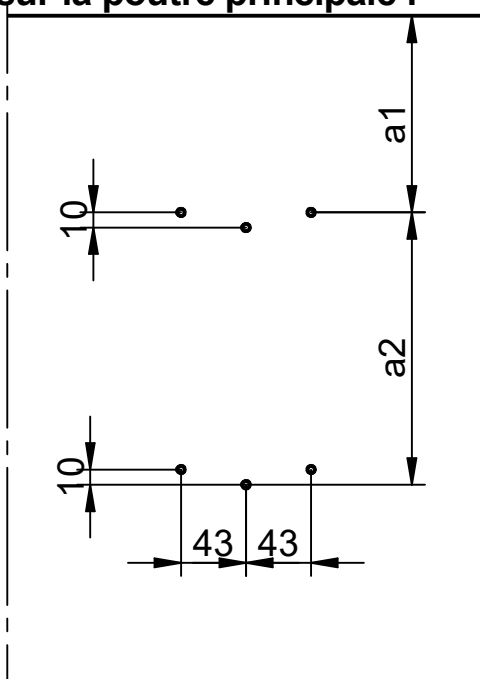


MEGANT® 150x50

Plan de perçage pour montage **centré et visible**

Réaliser les perçages de positionnement sur la poutre principale !

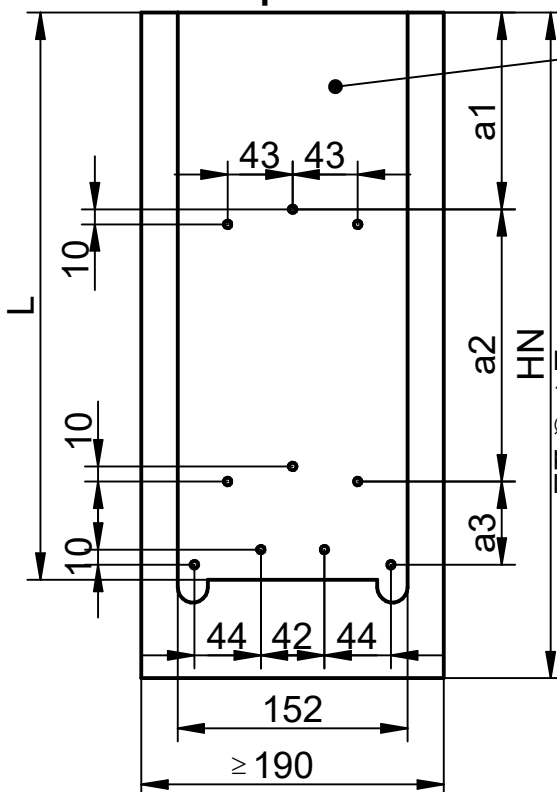
ALU AW 6082



Résineux:
6 perçages
Ø 5 mm,
profondeur 30 mm

Feuillus:
6 perçages
Ø 6 mm,
profondeur suivant
long vis ~120 mm

Réaliser l'usinage d'encastrement et les perçages de positionnement pour un montage centré sur la poutre secondaire !



Profondeur d'encastrement 50 mm

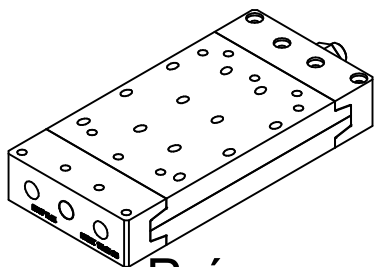
Résineux:
10 perçages
Ø 5 mm,
profondeur 30 mm

Feuillus:
10 perçages
Ø 6 mm,
profondeur suivant
long vis ~120 mm

Poutre secondaire	Distances de perçage a1 en relation avec la hauteur de poutre secondaire H _N [mm]				
	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
Hauteur H _N [mm]					
720	135				
760	155				
800	175				
840	195	120			
880	215	140			
920	235	160	130		
960	255	180	150	120	
1000	275	200	170	140	
1040		220	190	160	
1080		240	210	180	
1160		280	250	220	
1200		300	270	240	120
1240		320	290	260	140
1280		340	310	280	160
1320		360	330	300	180
1360		380	350	320	200
1400		400	370	340	220
1440			390	360	240
1480			410	380	260
1520			430	400	280
1560			450	420	300
1600			470	440	320
Distance	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
a2 [mm]	465	600	660	720	960
a3 [mm]	55	55	55	55	55

Poutre secondaire	Longueurs de fraisage L en relations avec la hauteur de poutre secondaire H _N [mm]				
	MEGANT® 610x150	MEGANT® 730x150	MEGANT® 790x150	MEGANT® 850x150	MEGANT® 1090x150
Hauteur H _N [mm]					
720	665				
760	685				
800	705				
840	725	785			
880	745	805			
920	765	825	855		
960	785	845	875	935	
1000	805	865	895	955	
1040		885	915	975	
1080		905	935	995	
1160		945	975	1035	
1200		965	995	1055	1175
1240		985	1015	1075	1195
1280		1005	1035	1095	1215
1320		1025	1055	1115	1235
1360		1045	1075	1135	1255
1400		1065	1095	1155	1275
1440			1115	1175	1295
1480			1135	1195	1315
1520			1155	1215	1335
1560			1175	1235	1355
1600			1195	1255	1375

Platines de pointage pour la réalisation des perçages horizontaux, disponibles sur demande pour chaque dimensions MEGANT®

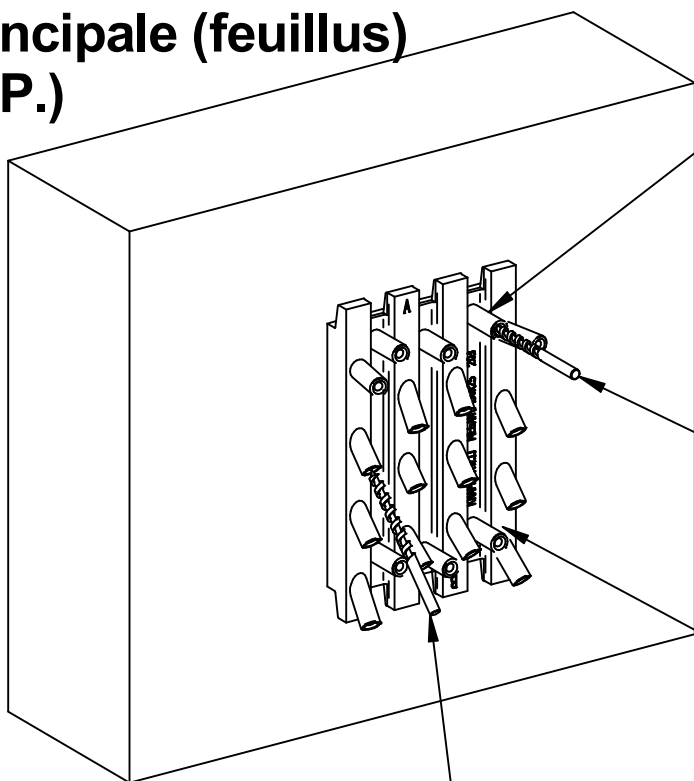


MEGANT® 150x50

Pré-perçage Megant pour mise en oeuvre sur **feuillus**

ALU AW 6082

Poutre principale (feuillus) (P.P.)



1.) Insérer les douilles de perçage Knapp Megant sur la plaque principale.

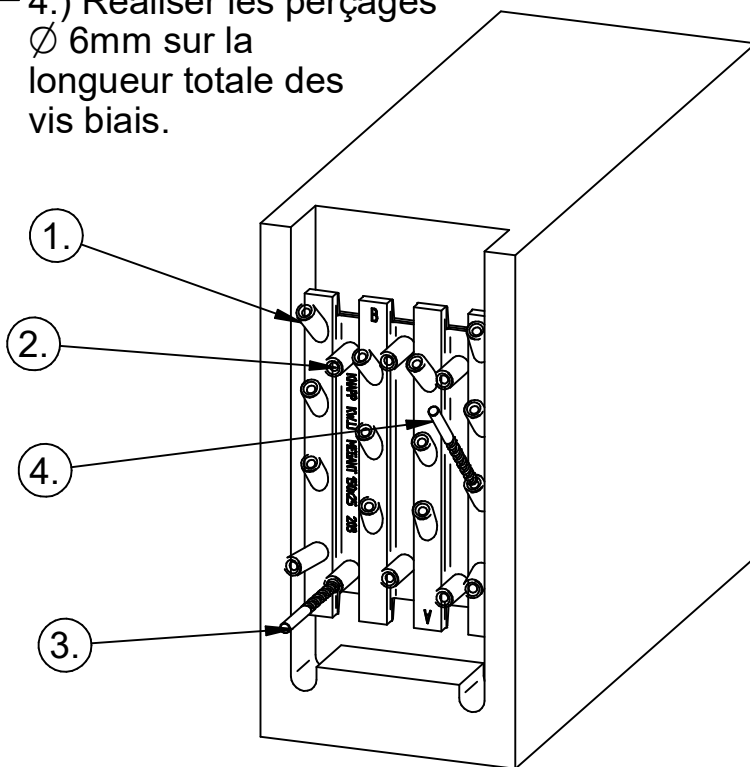


2.) Réaliser les perçages $d=6\text{mm}$ sur la longueur totale des vis horizontales.

3.) Visser les vis horizontales.

4.) Réaliser les perçages $\varnothing 6\text{mm}$ sur la longueur totale des vis biais.

Poutre secondaire (feuillus) (P.S.)

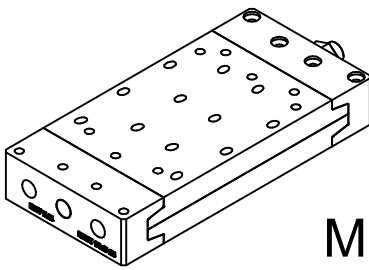


1.

2.

4.

3.

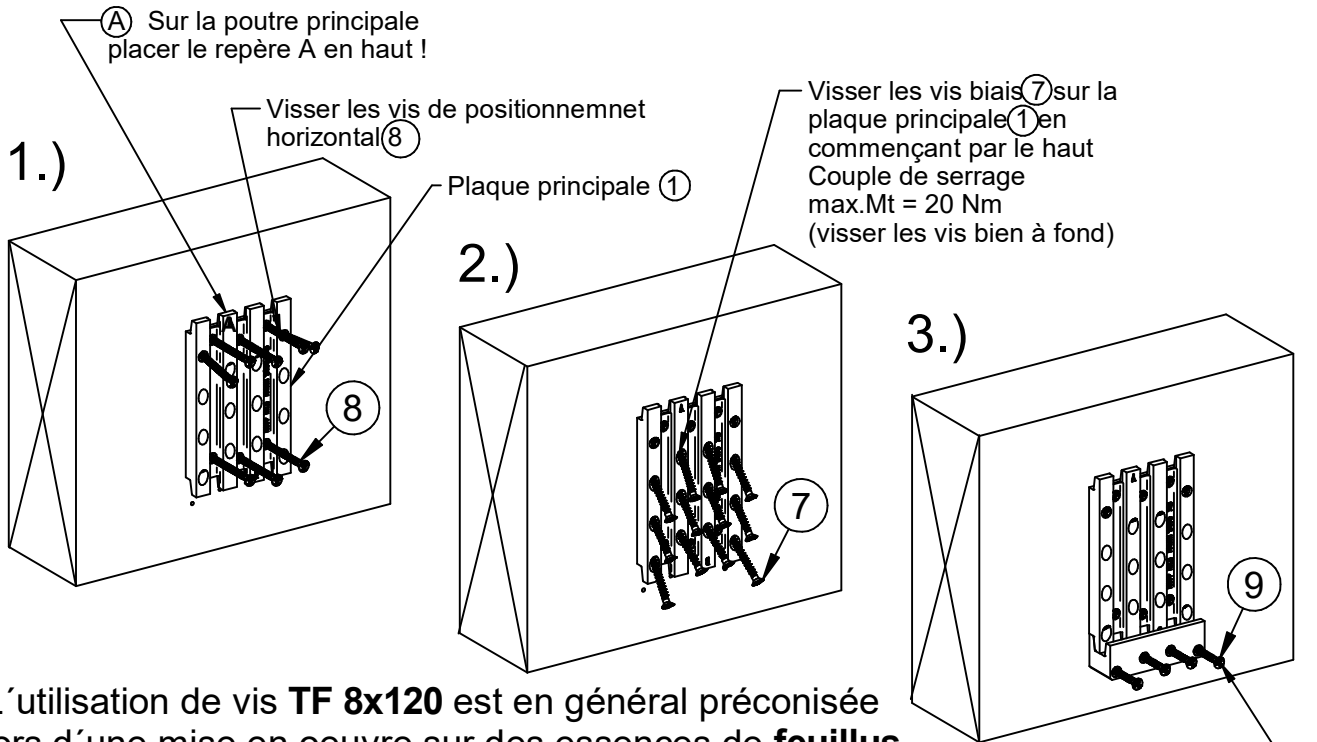


MEGANT® 150x50

Mise en oeuvre Megant **visible**, sur P.P./P.S.

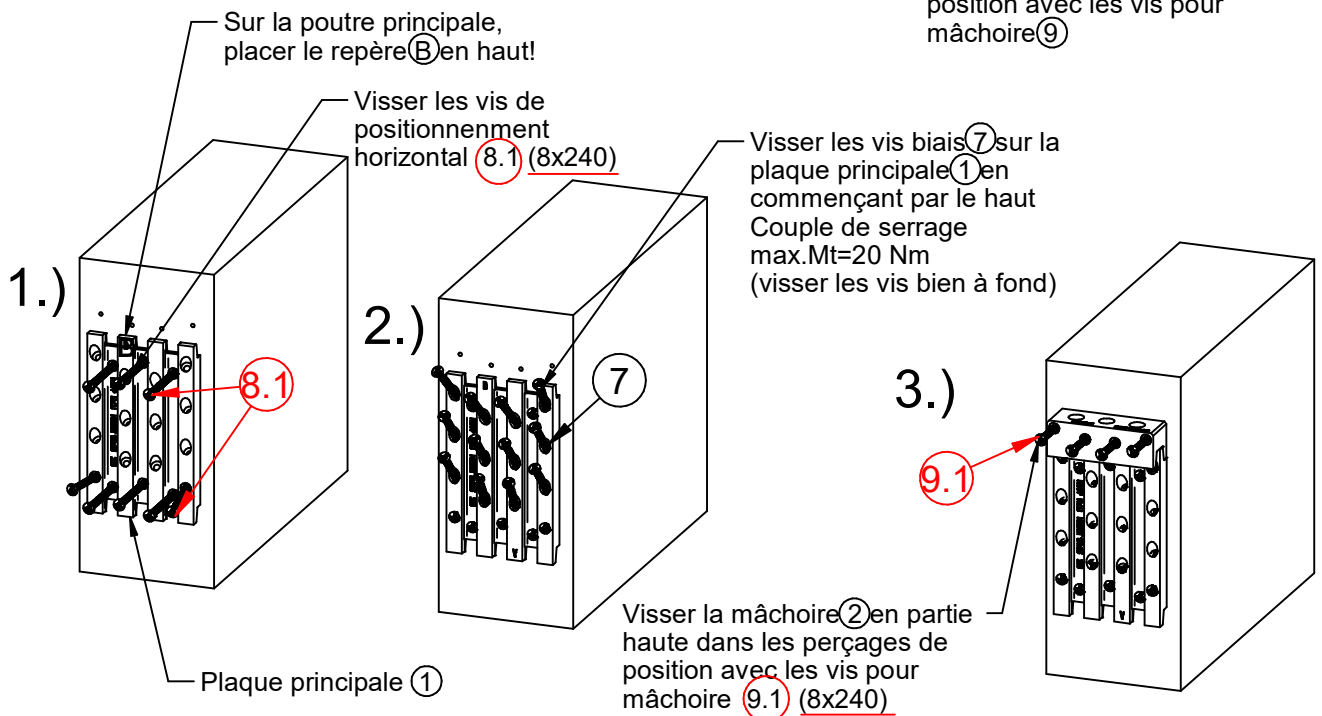
ALU AW 6082

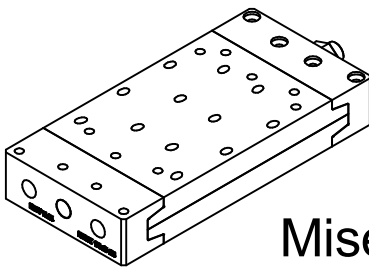
Poutre principale (P.P.)



L'utilisation de vis **TF 8x120** est en général préconisée lors d'une mise en oeuvre sur des essences de **feuillus**.

Poutre secondaire (feuillus)



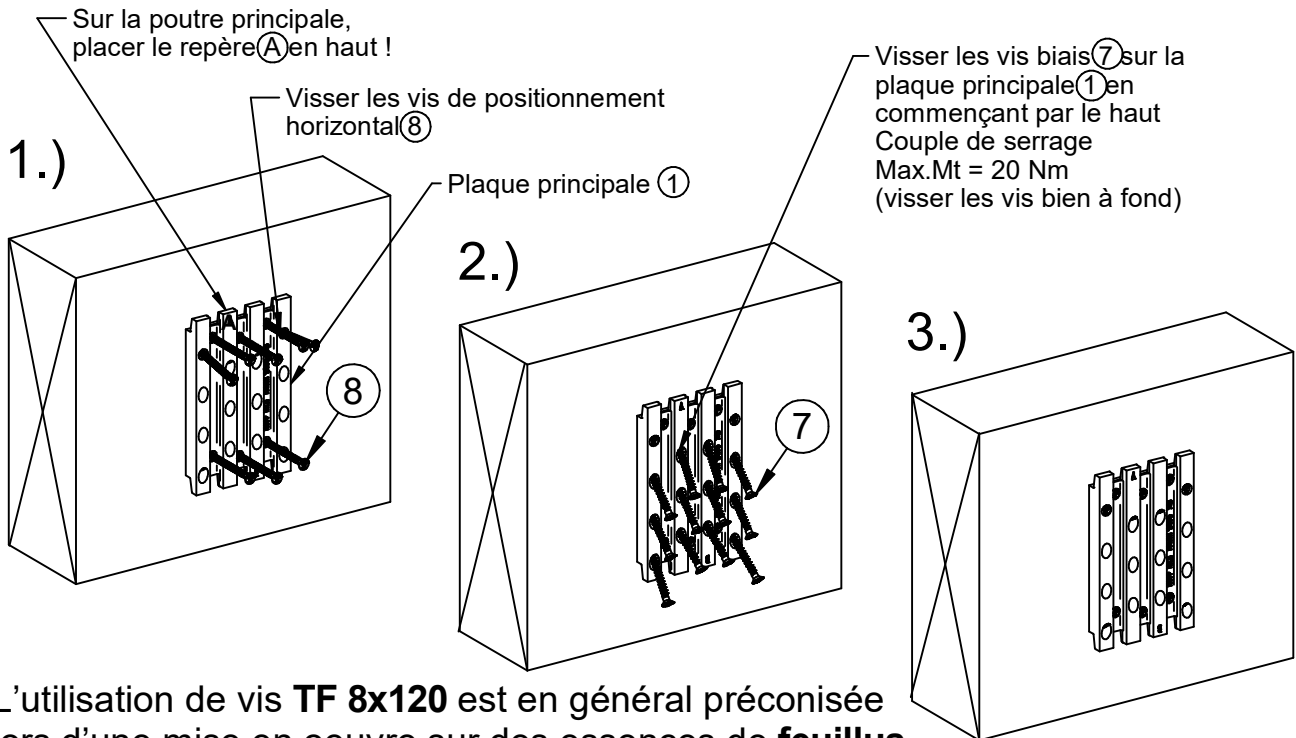


MEGANT® 150x50

Mise en oeuvre Megant encastré, sur P.P./P.S.

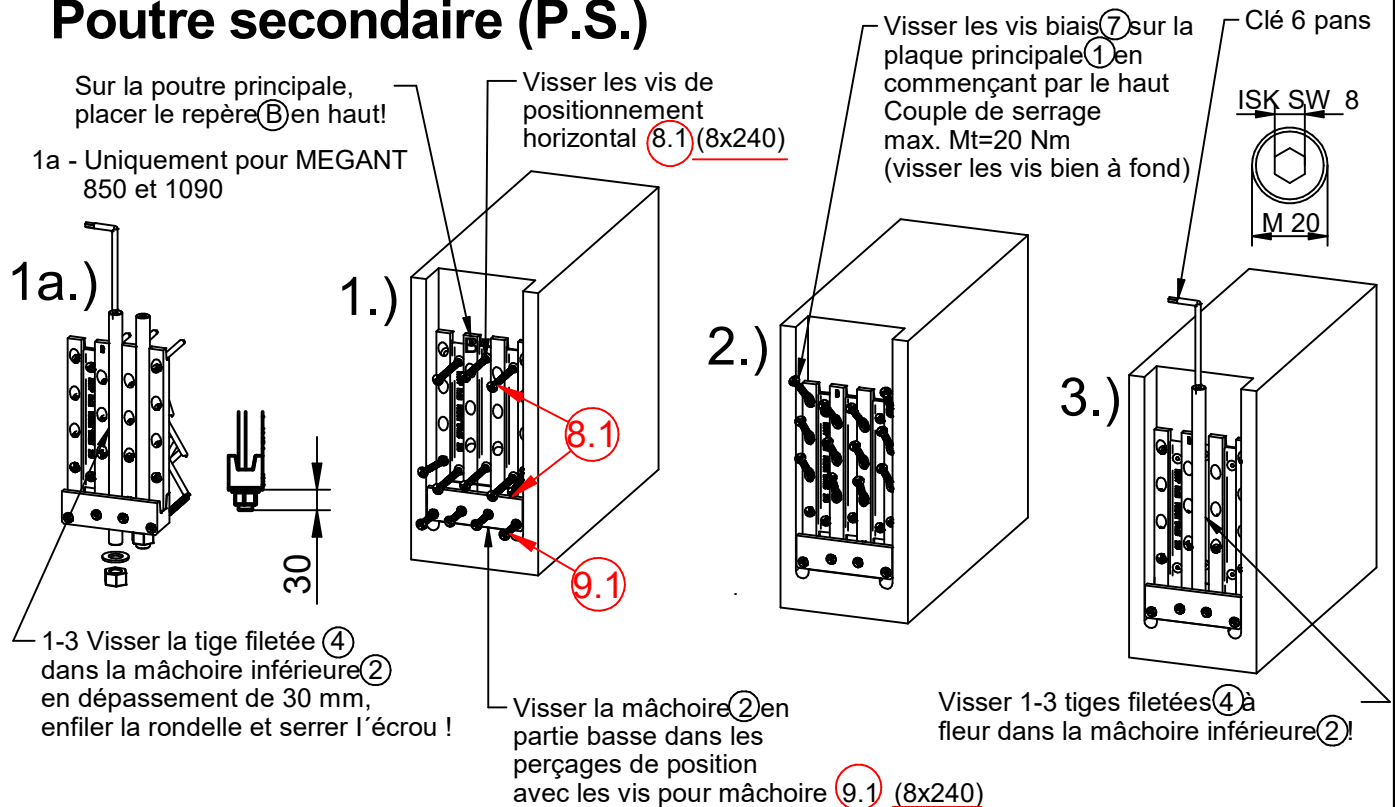
ALU AW 6082

Poutre principale(P.P.)



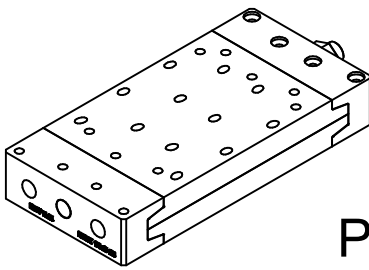
L'utilisation de vis **TF 8x120** est en général préconisée lors d'une mise en oeuvre sur des essences de **feuillus**.

Poutre secondaire (P.S.)



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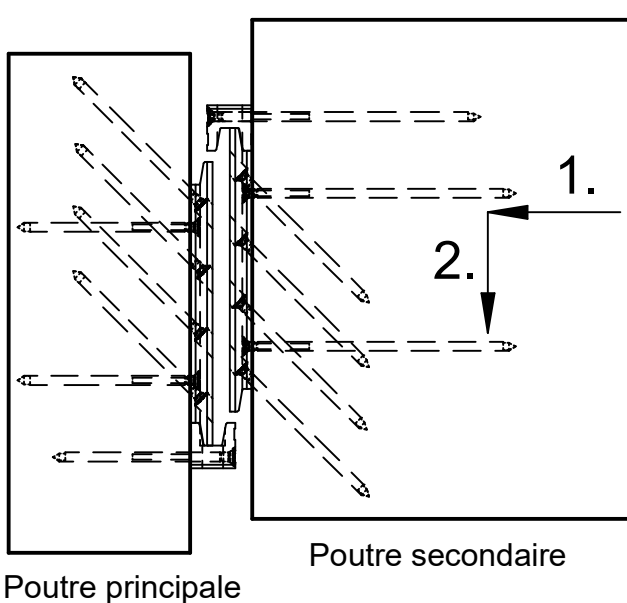


MEGANT® 150x50

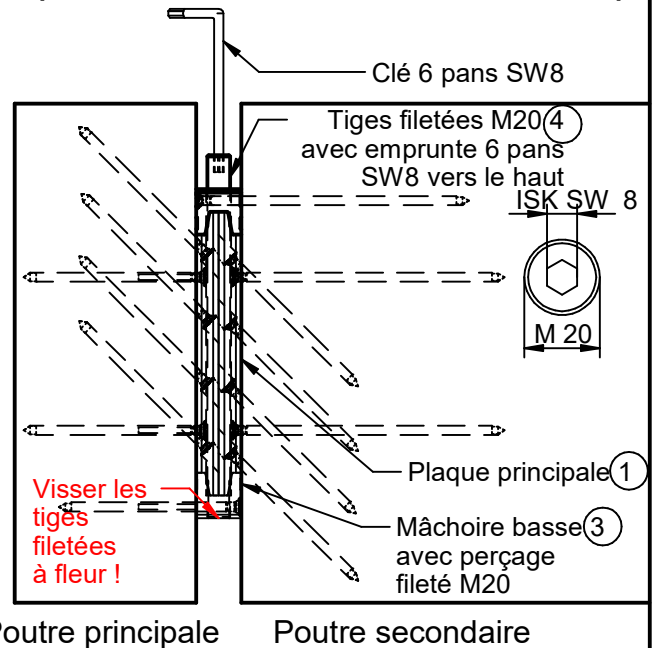
Procédure de montage connecteurs visibles

ALU AW 6082

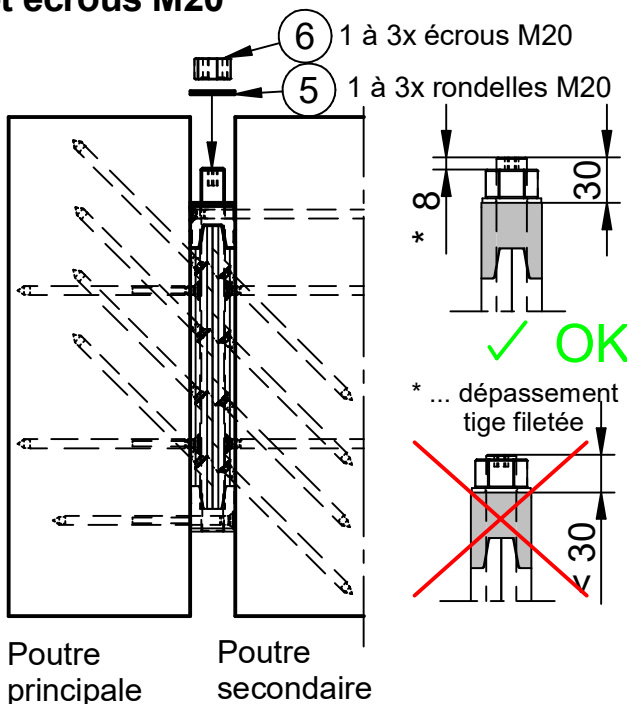
1. Accroche de la poutre secondaire



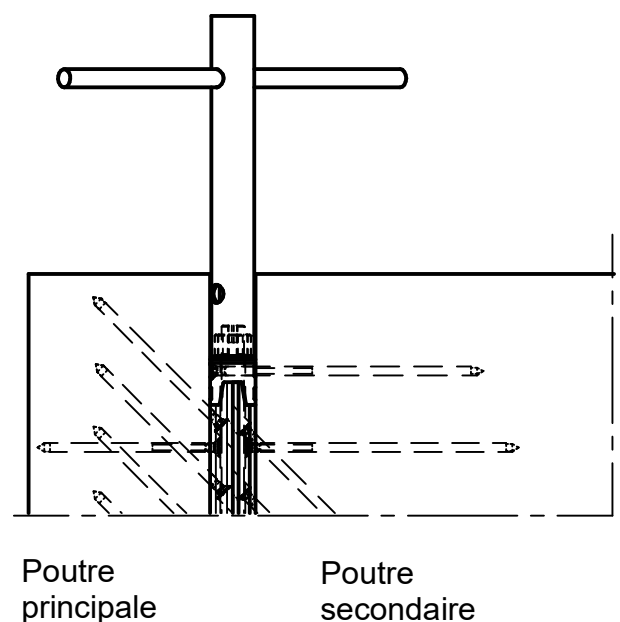
2. Visser les tiges filetées ④ (M20) à fleur dans la mâchoire inférieure ③ (Sauf dimensions 850 et und 1090)

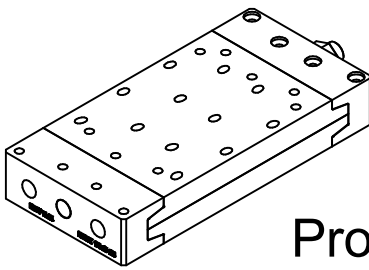


3. Mettre en place la mâchoire supérieure, les rondelles et écrous M20



4. Serrer l'écrou M20 avec une clé à douille (SW30) 40 Nm !



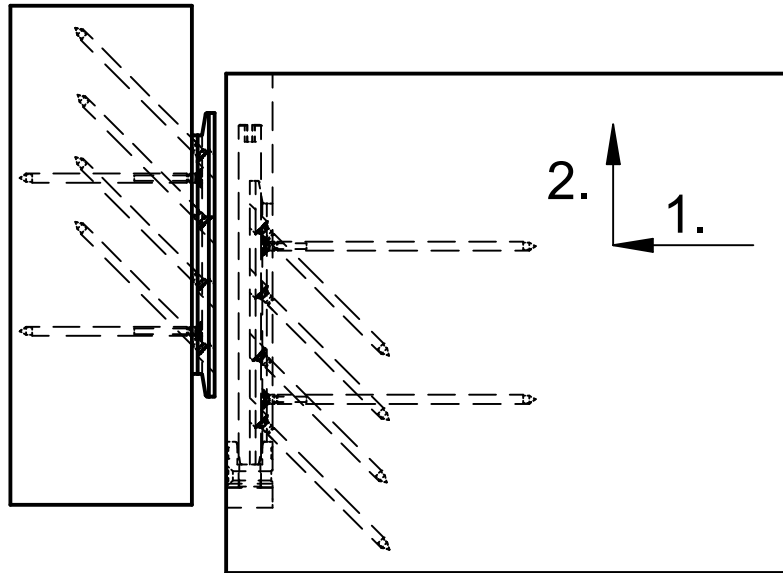


MEGANT® 150x50

Procédure de montage connecteurs invisibles

1. Emboîter la poutre secondaire de bas en haut

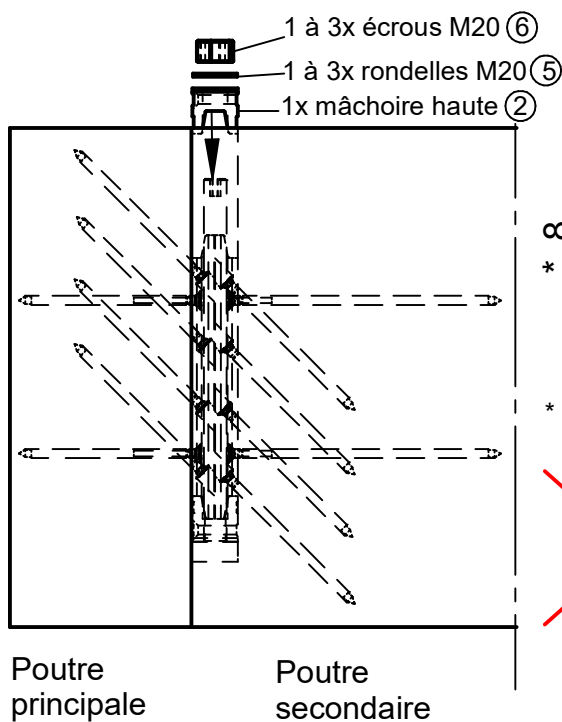
ALU AW 6082



Poutre principale

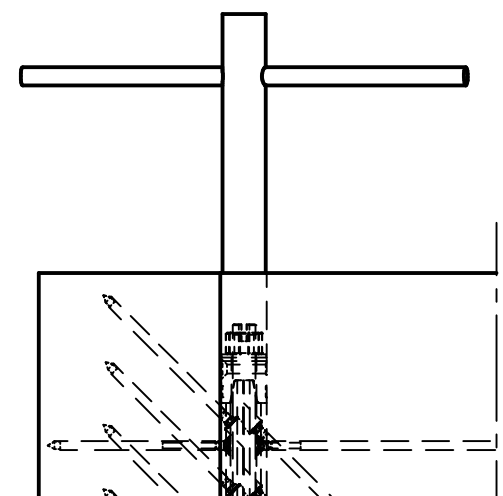
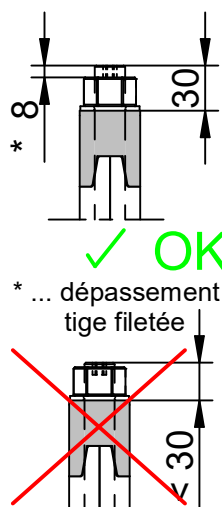
Poutre secondaire

2. Mettre en place la mâchoire supérieure, les rondelles et les écrous M20 et serrer avec une clé à douille (SW30) 40 Nm



Poutre principale

Poutre secondaire



Poutre principale

Poutre secondaire

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