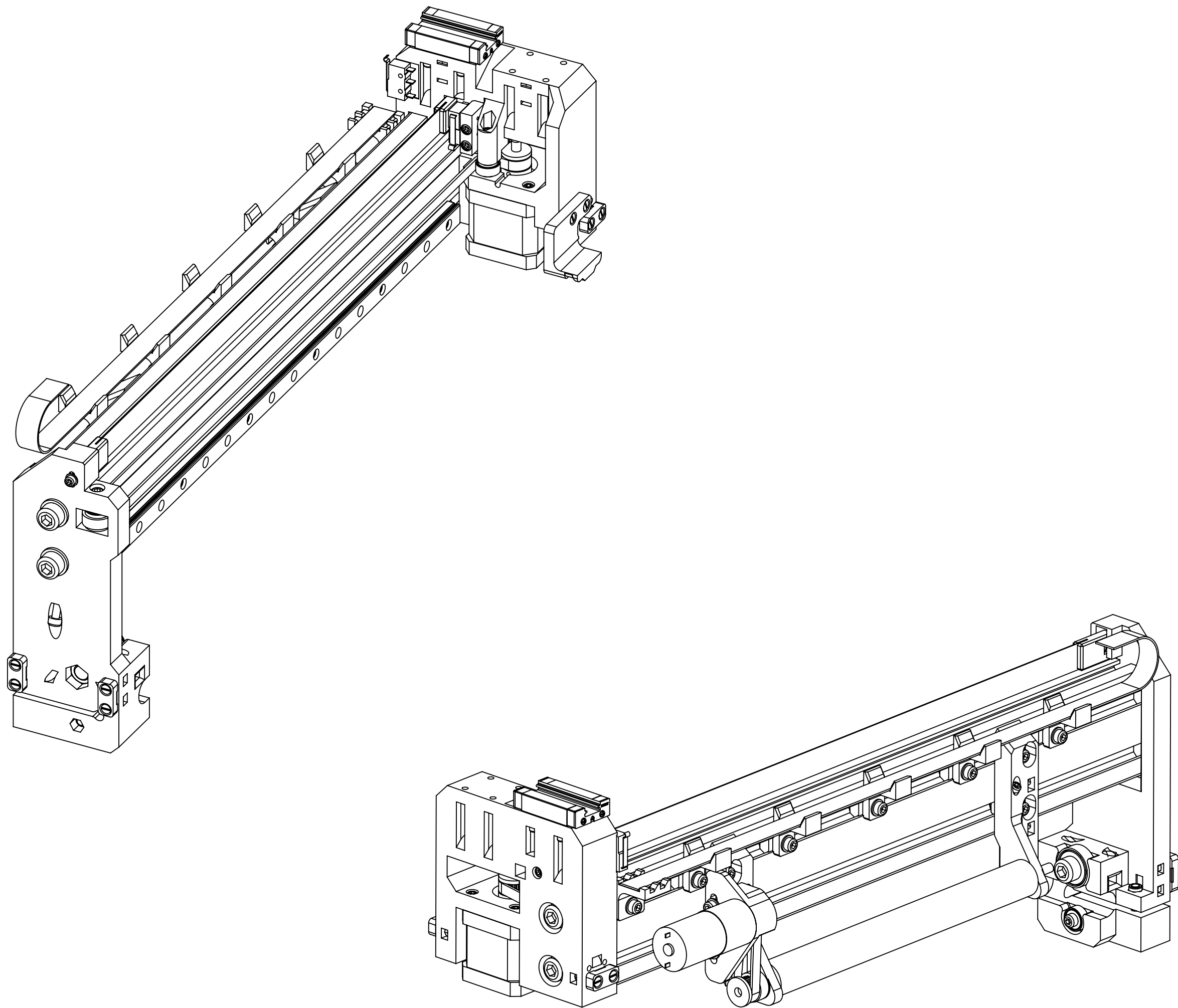


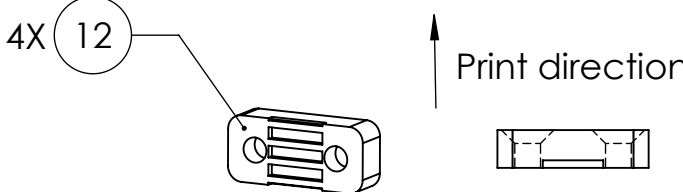
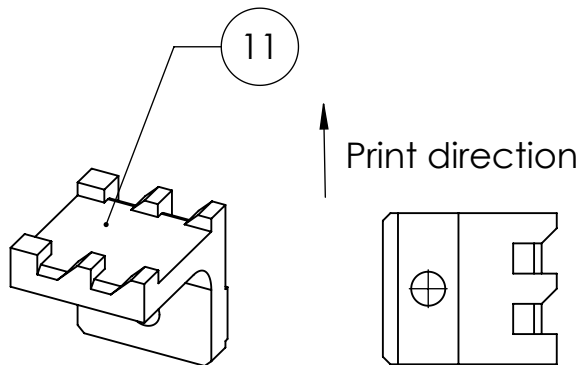
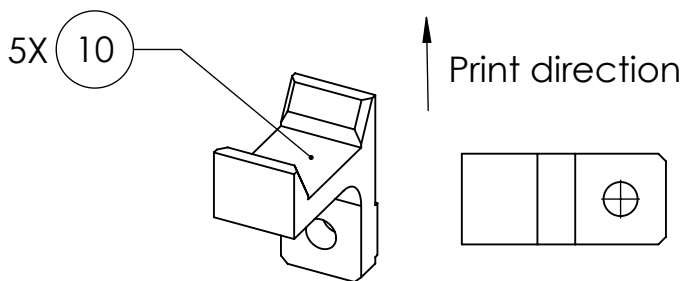
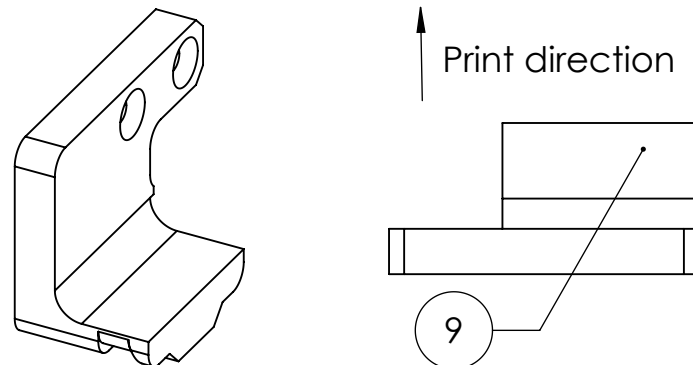
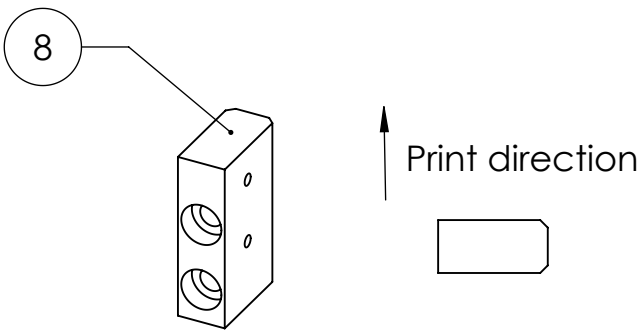
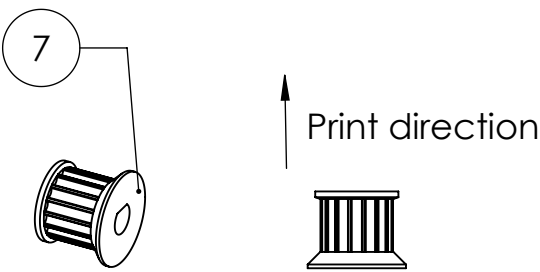
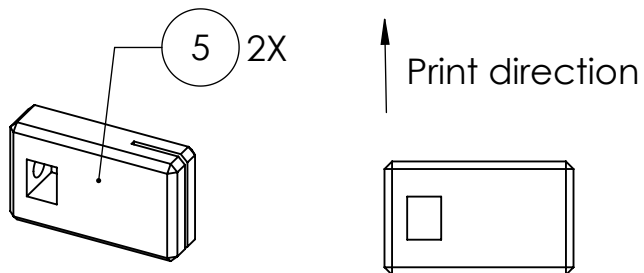
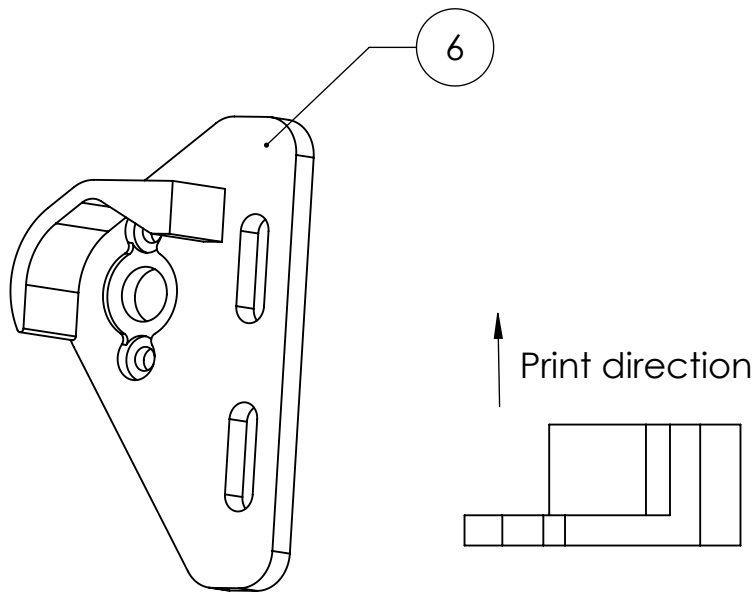
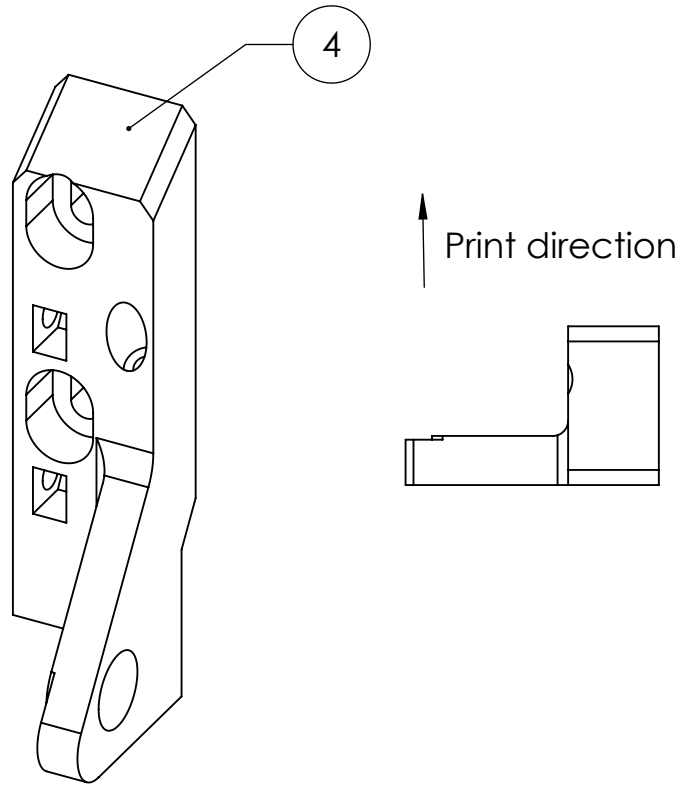
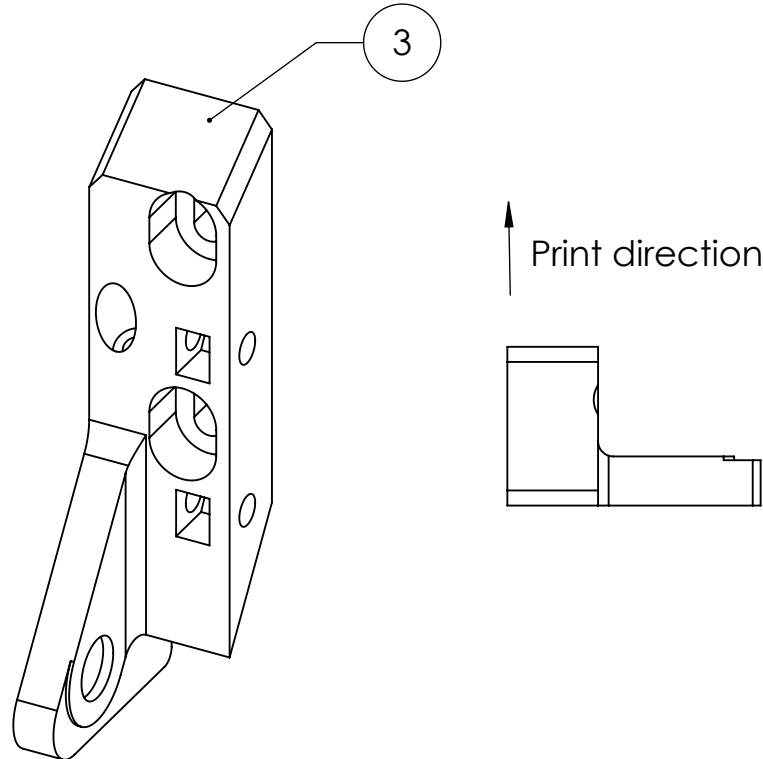
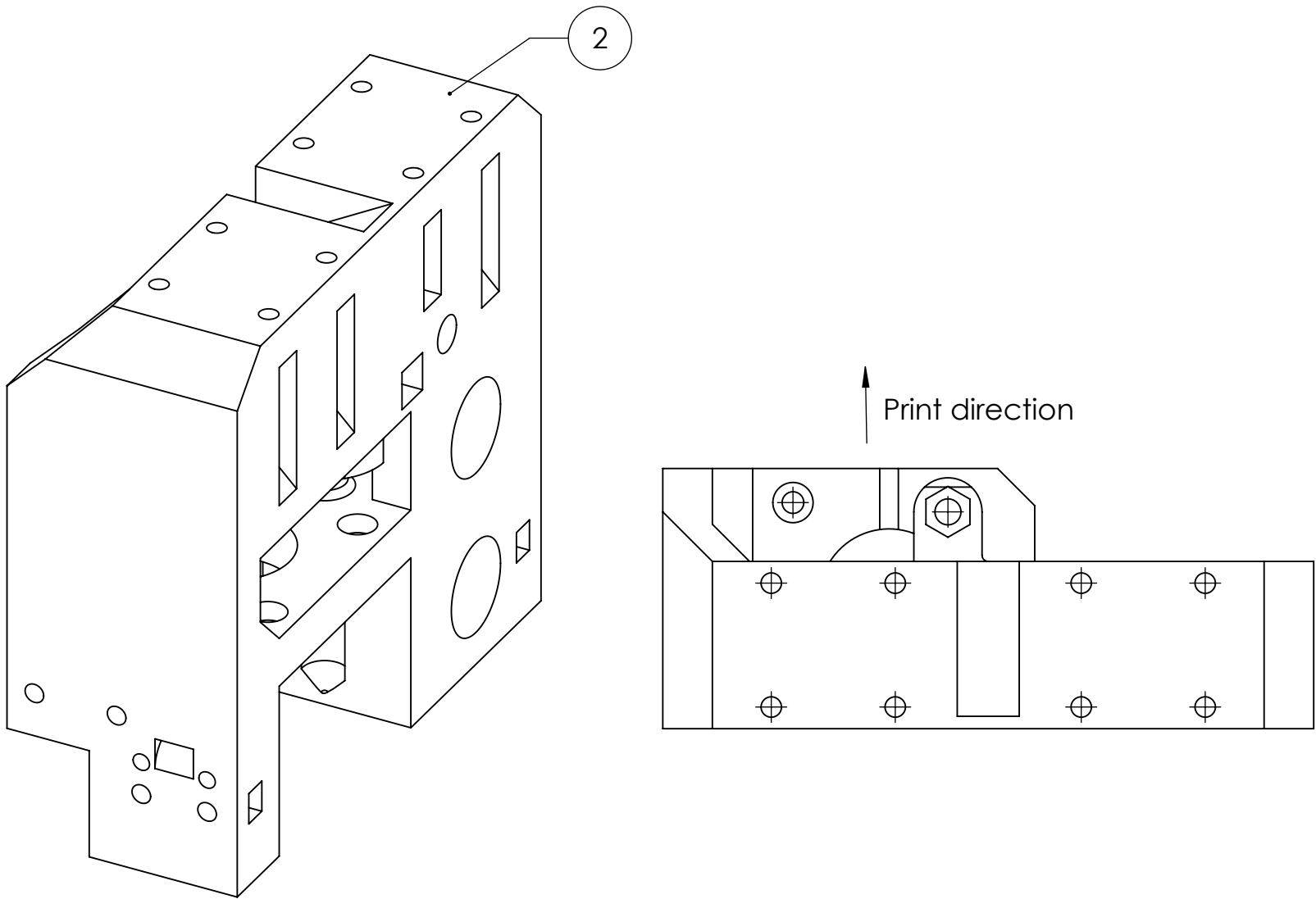
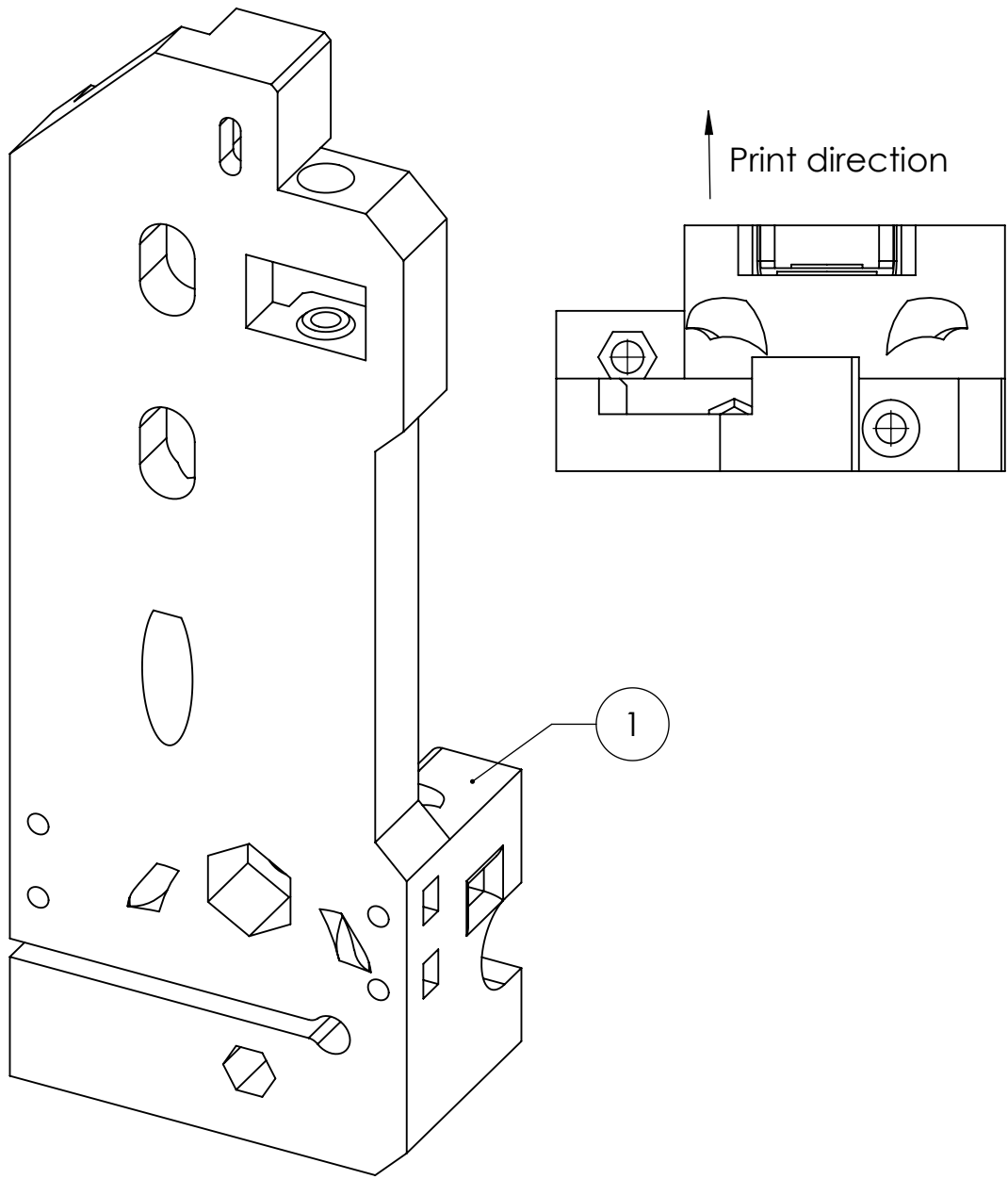
General BOM




| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------------------|--------------------------------|------|
| 1 | 15mm 150LPI Encoder Strip L=395 | Encoder strip | 1 |
| 2 | 608 bearing | Miniature roller bearing | 1 |
| 3 | 624 bearing | Miniature roller bearing | 5 |
| 4 | 685 bearing | Miniature roller bearing | 2 |
| 5 | DIN 0125-1A M3 | Washer | 1 |
| 6 | DIN 0125-1A M4 | Washer | 13 |
| 7 | DIN 0125-1A M8 | Washer | 4 |
| 8 | DIN 0912 M3x6 | Hex socket head cap screw | 2 |
| 9 | DIN 0912 M3x10 | Hex socket head cap screw | 13 |
| 10 | DIN 0912 M3x20 | Hex socket head cap screw | 6 |
| 11 | DIN 0912 M4x12 | Hex socket head cap screw | 12 |
| 12 | DIN 0912 M4x20 | Hex socket head cap screw | 1 |
| 13 | DIN 0912 M4x30 | Hex socket head cap screw | 5 |
| 14 | DIN 0912 M8x30 | Hex socket head cap screw | 5 |
| 15 | DIN 0934 M8 | Hex nut | 1 |
| 16 | DIN 0963 M3x16 | Slotted countersunk head screw | 10 |
| 17 | DIN 0985 M3 | Prevailing torque hex nut | 14 |
| 18 | DIN 0985 M4 | Prevailing torque hex nut | 8 |
| 19 | GT2 pulley 20T 6mm | Timing pulley | 2 |
| 20 | GT2 x 6mm Timing belt L120 Closed | Timing belt | 1 |
| 21 | GT2 x 6mm Timing belt L1000 | Timing belt | 1 |
| 22 | HFS6-3060-425 | 30x60 profile | 1 |
| 23 | HNTAP6-3 | Profile nut M3 | 6 |
| 24 | HNTAP6-4 | Profile nut M4 | 10 |
| 25 | MGN12 - L400 | Linear guide rail | 1 |
| 26 | MGN12H | Linear guide carriage | 1 |
| 27 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 28 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 29 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 30 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 31 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 32 | OA-Y20-P06-01 | Motor mount | 1 |
| 33 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 34 | OA-Y20-P08-00 | Endstop mount | 1 |
| 35 | OA-Y20-P10-00 | Cable pickup | 1 |
| 36 | OA-Y20-P11-00 | Cable support | 5 |
| 37 | OA-Y20-P12-00 | Cable mount | 1 |
| 38 | OA-Y20-P13-00 | Rotary shaft | 1 |
| 39 | OA-Y30-P02-01 | Belt clamp T2.5 | 4 |
| 40 | Omron 5e4t85 | Microswitch | 2 |
| 41 | Stepper NEMA 17 42BYGHW609 | Nema 42 stepper motor | 1 |
| 42 | Universal 25mm gear motor | 25mm motor | 1 |

| | | | | | | | |
|---|--|---|--|-------------|--|-----------|--|
| SCALE:1:2 | | MATERIAL: | | Description | | | |
| DO NOT SCALE DRAWING | | Gantry assembly | | | | | |
| <div><div>Ytec</div><div>Ytec3D.com</div></div> | | TITLE: | | | | | |
| | | OA-Y20-A01-02 | | | | | |
| | | UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 1° | | DRAWN BY | | DATE | |
| | | | | Y. de Haas | | 30-9-2018 | |
| | | | | A2 | | | |

3D printed parts glossary



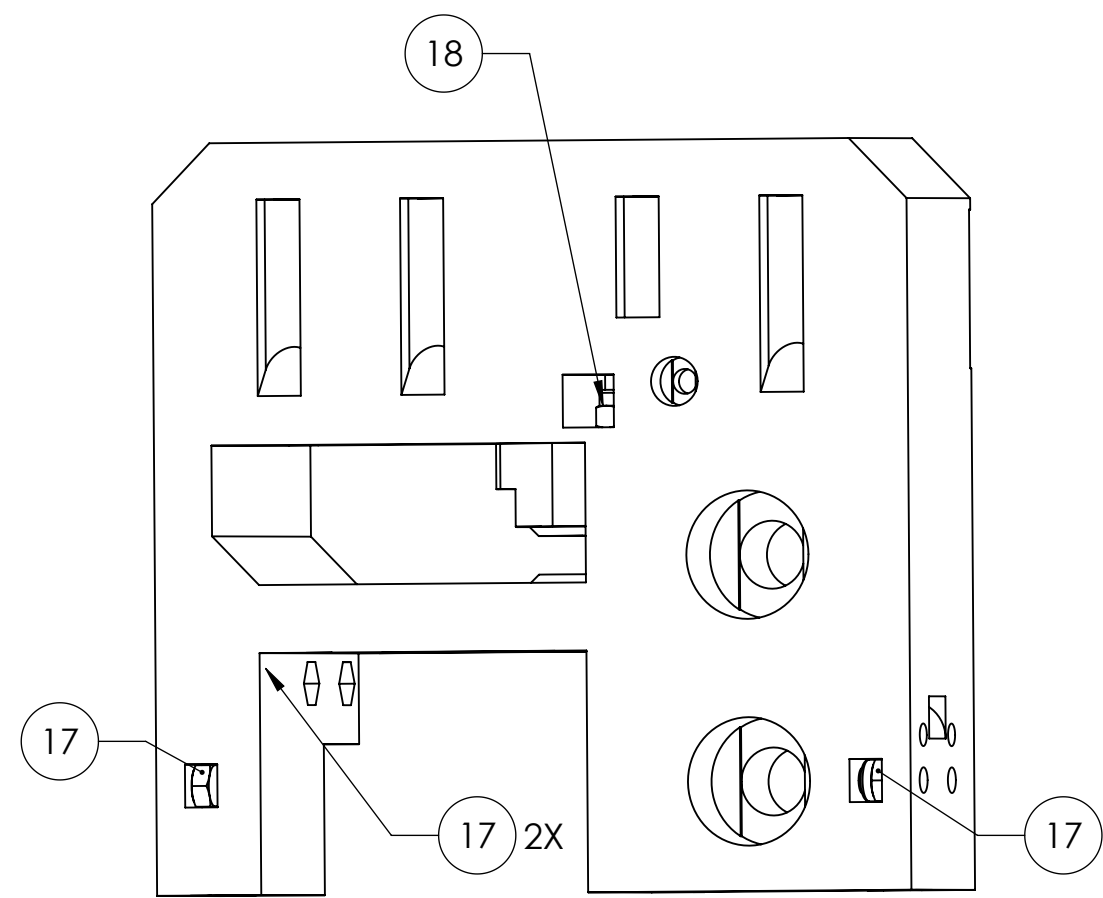
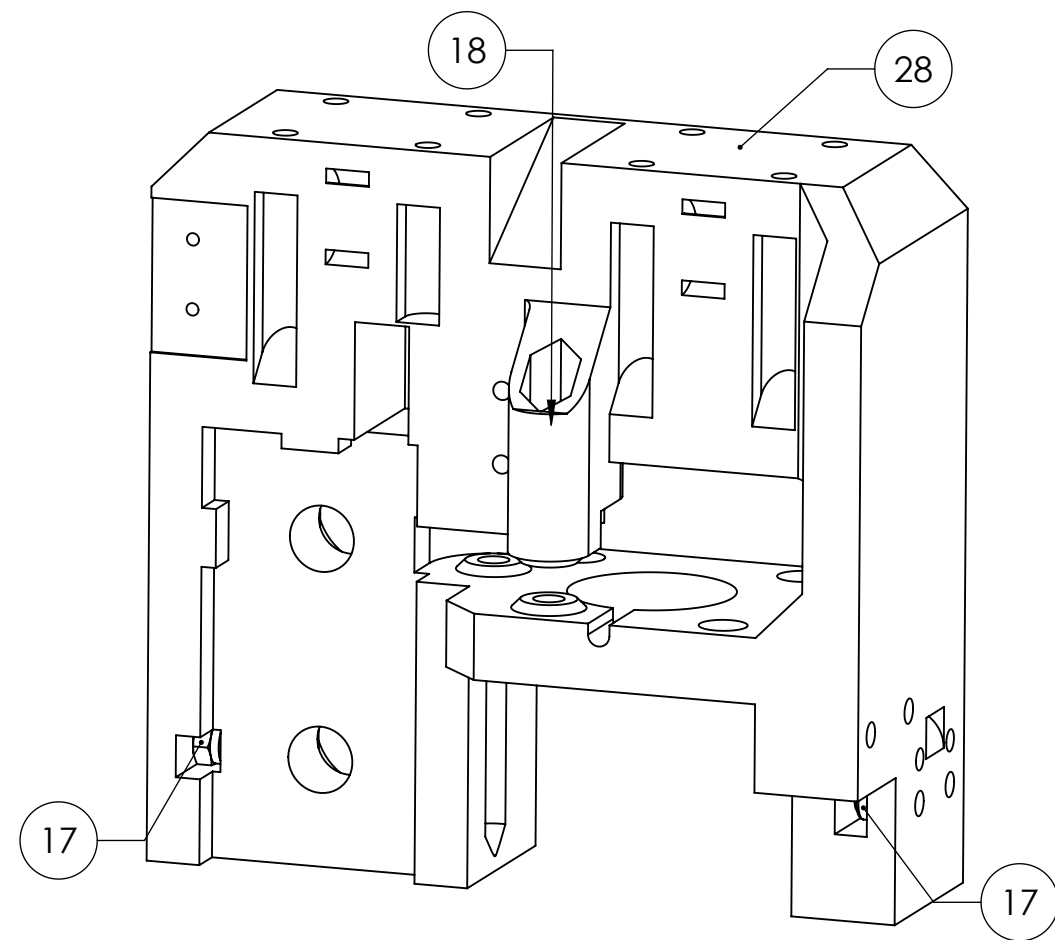
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------|-------------------------|------|
| 1 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 2 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 3 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 4 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 5 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 6 | OA-Y20-P06-01 | Motor mount | 1 |
| 7 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 8 | OA-Y20-P08-00 | Endstop mount | 1 |
| 9 | OA-Y20-P10-00 | Cable pickup | 1 |
| 10 | OA-Y20-P11-00 | Cable support | 5 |
| 11 | OA-Y20-P12-00 | Cable mount | 1 |
| 12 | OA-Y30-P02-01 | Belt clamp T2.5 | 4 |

| | | | | |
|---|-----------|--------------------------------|-------------------|----|
| SCALE:1:1 DO NOT SCALE DRAWING | MATERIAL: | Description Gantry assembly | | |
|  Ytec3D.com | | TITLE: OA-Y20-A01-02 | | |
| | | DRAWN BY Y. de Haas | DATE 30-9-2018 | A2 |

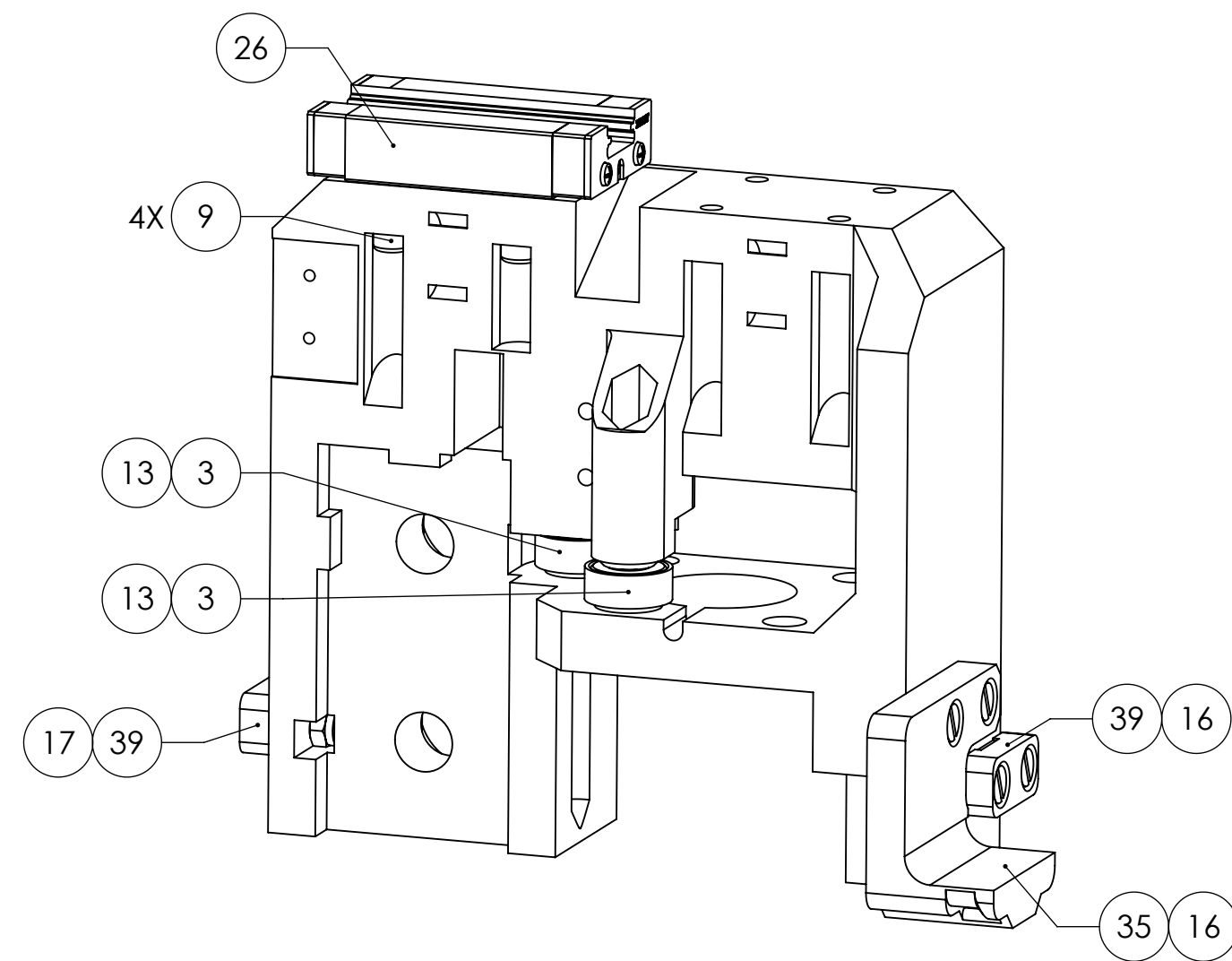
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: Ra 1.6
TOLERANCES: +/- 0.1mm
LINEAR: +/- 0.2mm
ANGULAR: +/- 1°

Assembly instructions, Driven block

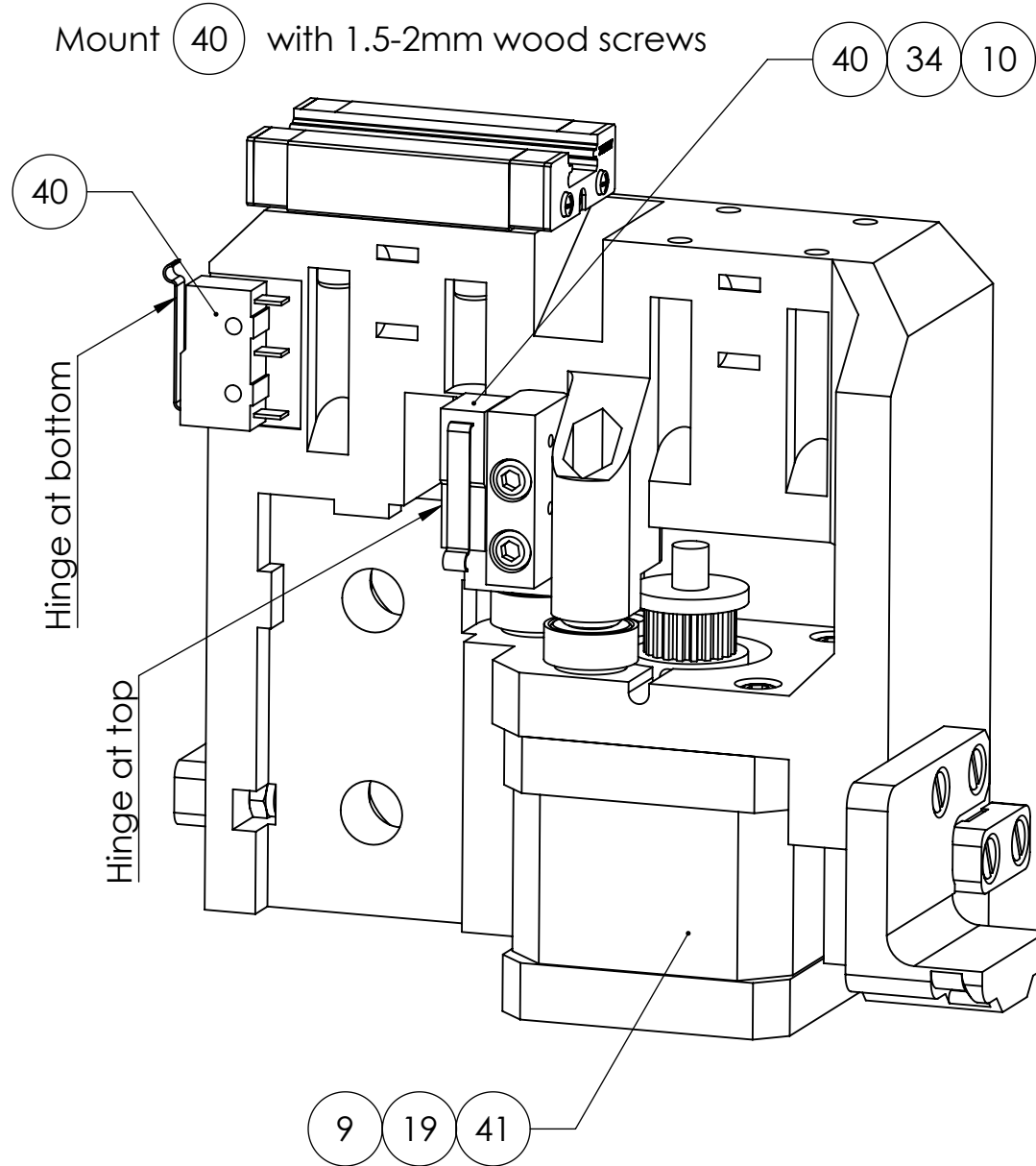
Insert nuts



Add bearings and clamps



Add endstops and motor

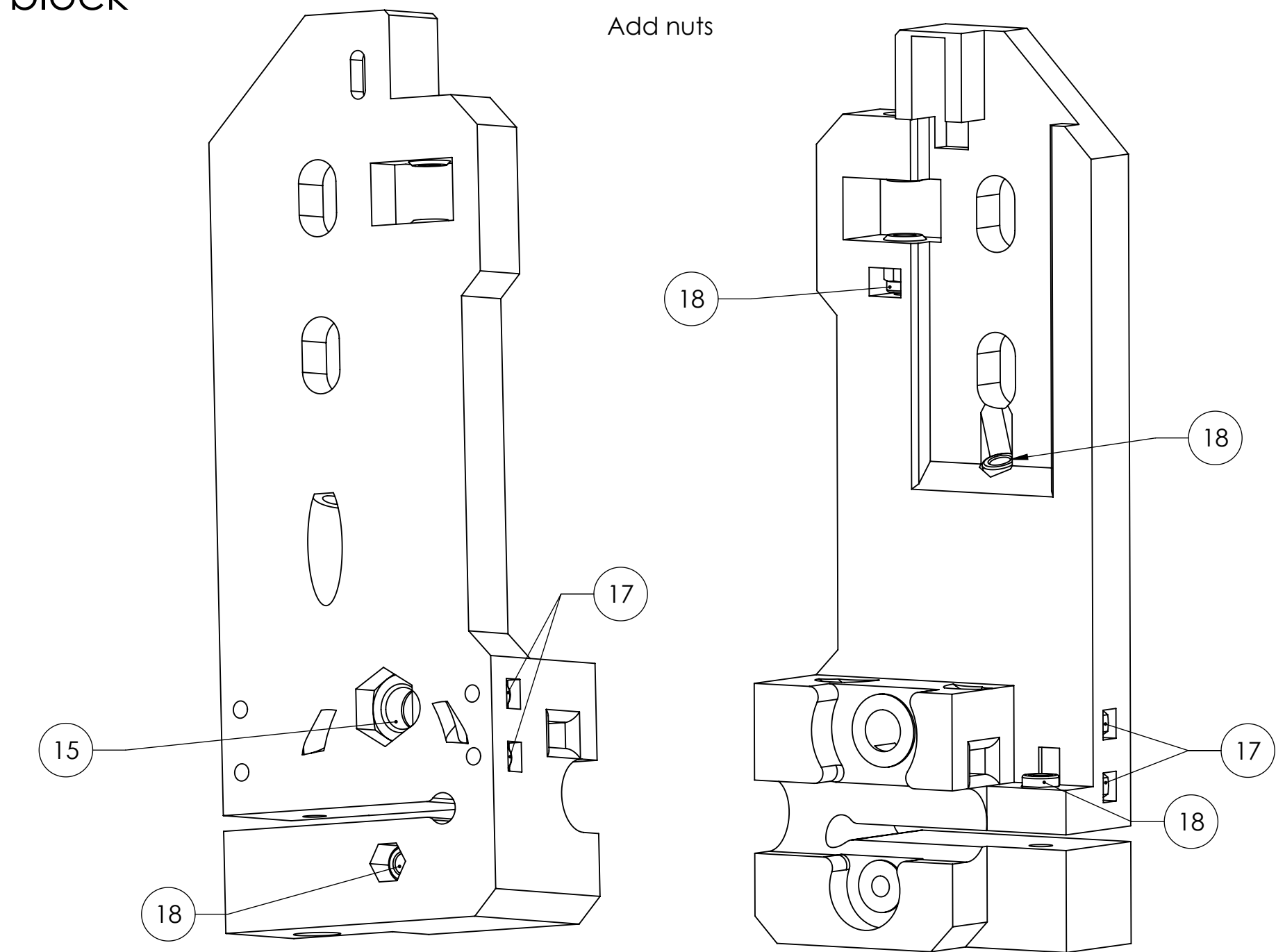


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------------------|--------------------------------|------|
| 1 | 15mm 150LPI Encoder Strip L=395 | Encoder strip | 1 |
| 2 | 608 bearing | Miniature roller bearing | 1 |
| 3 | 624 bearing | Miniature roller bearing | 5 |
| 4 | 685 bearing | Miniature roller bearing | 2 |
| 5 | DIN 0125-1A M3 | Washer | 1 |
| 6 | DIN 0125-1A M4 | Washer | 13 |
| 7 | DIN 0125-1A M8 | Washer | 4 |
| 8 | DIN 0912 M3x6 | Hex socket head cap screw | 2 |
| 9 | DIN 0912 M3x10 | Hex socket head cap screw | 13 |
| 10 | DIN 0912 M3x20 | Hex socket head cap screw | 6 |
| 11 | DIN 0912 M4x12 | Hex socket head cap screw | 12 |
| 12 | DIN 0912 M4x20 | Hex socket head cap screw | 1 |
| 13 | DIN 0912 M4x30 | Hex socket head cap screw | 5 |
| 14 | DIN 0912 M8x30 | Hex socket head cap screw | 5 |
| 15 | DIN 0934 M8 | Hex nut | 1 |
| 16 | DIN 0963 M3x16 | Slotted countersunk head screw | 10 |
| 17 | DIN 0985 M3 | Prevailing torque hex nut | 14 |
| 18 | DIN 0985 M4 | Prevailing torque hex nut | 8 |
| 19 | GT2 pulley 20T 6mm | Timing pulley | 2 |
| 20 | GT2 x 6mm Timing belt L120 Closed | Timing belt | 1 |
| 21 | GT2 x 6mm Timing belt L1000 | Timing belt | 1 |
| 22 | HFS6-3060-425 | 30x60 profile | 1 |
| 23 | HNTAP6-3 | Profile nut M3 | 6 |
| 24 | HNTAP6-4 | Profile nut M4 | 10 |
| 25 | MGN12 - L400 | Linear guide rail | 1 |
| 26 | MGN12H | Linear guide carriage | 1 |
| 27 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 28 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 29 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 30 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 31 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 32 | OA-Y20-P06-01 | Motor mount | 1 |
| 33 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 34 | OA-Y20-P08-00 | Endstop mount | 1 |
| 35 | OA-Y20-P10-00 | Cable pickup | 1 |
| 36 | OA-Y20-P11-00 | Cable support | 5 |
| 37 | OA-Y20-P12-00 | Cable mount | 1 |
| 38 | OA-Y20-P13-00 | Rotary shaft | 1 |
| 39 | OA-Y30-P02-01 | Belt clamp T2,5 | 4 |
| 40 | Omron 5e4t85 | Microswitch | 2 |
| 41 | Stepper NEMA 17 42BYGHW609 | Nema 42 stepper motor | 1 |
| 42 | Universal 25mm gear motor | 25mm motor | 1 |

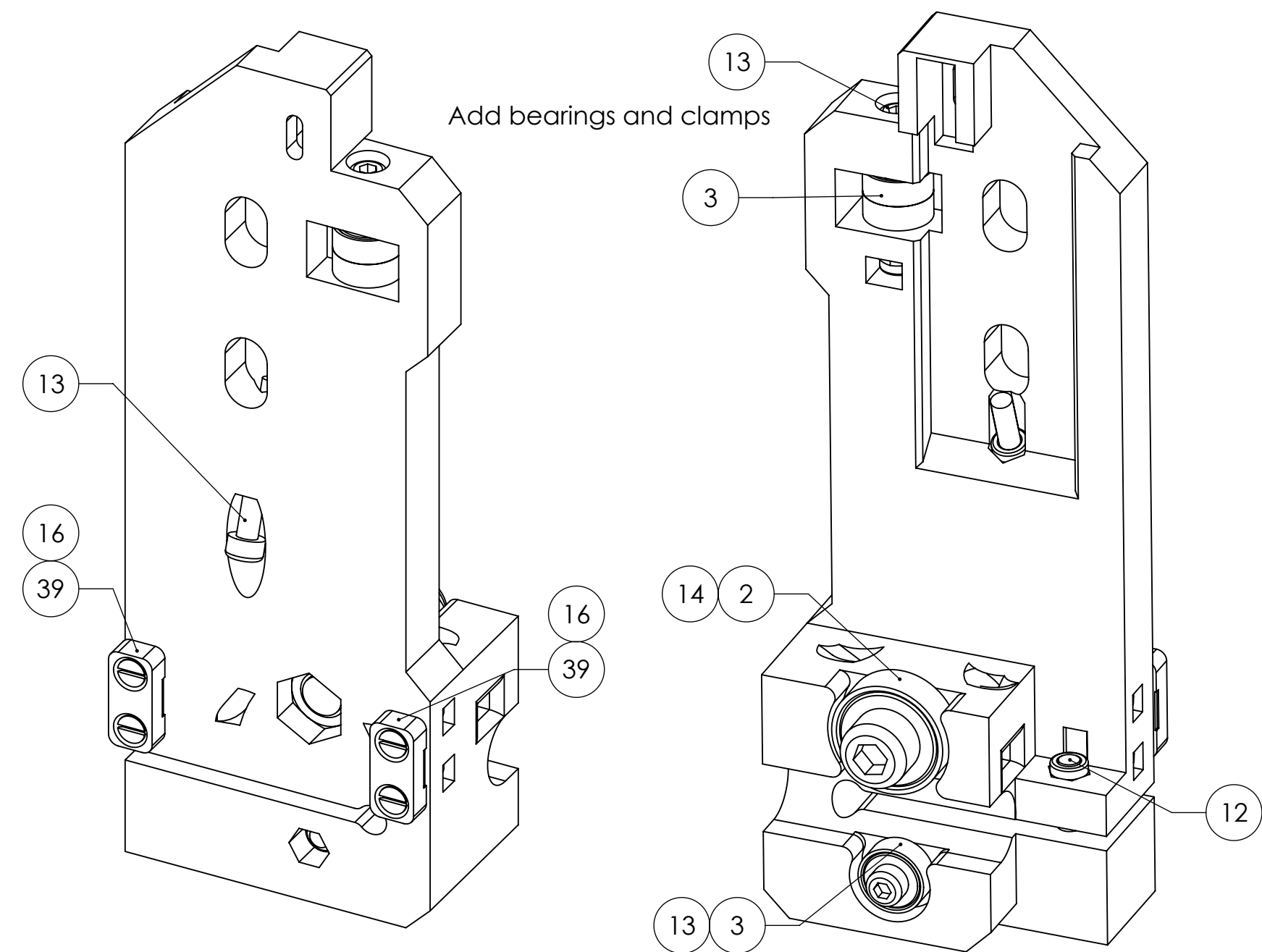
| | | |
|---|-----------|----------------------|
| SCALE:1:1 | MATERIAL: | Description |
| DO NOT SCALE DRAWING | | Gantry assembly |
| Ytec3D.com | | TITLE: OA-Y20-A01-02 |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 1° | | DRAWN BY: Y. de Haas |
| | | DATE: 30-9-2018 |
| | | A2 |

Assembly instructions, Idler block

Add nuts



Add bearings and clamps

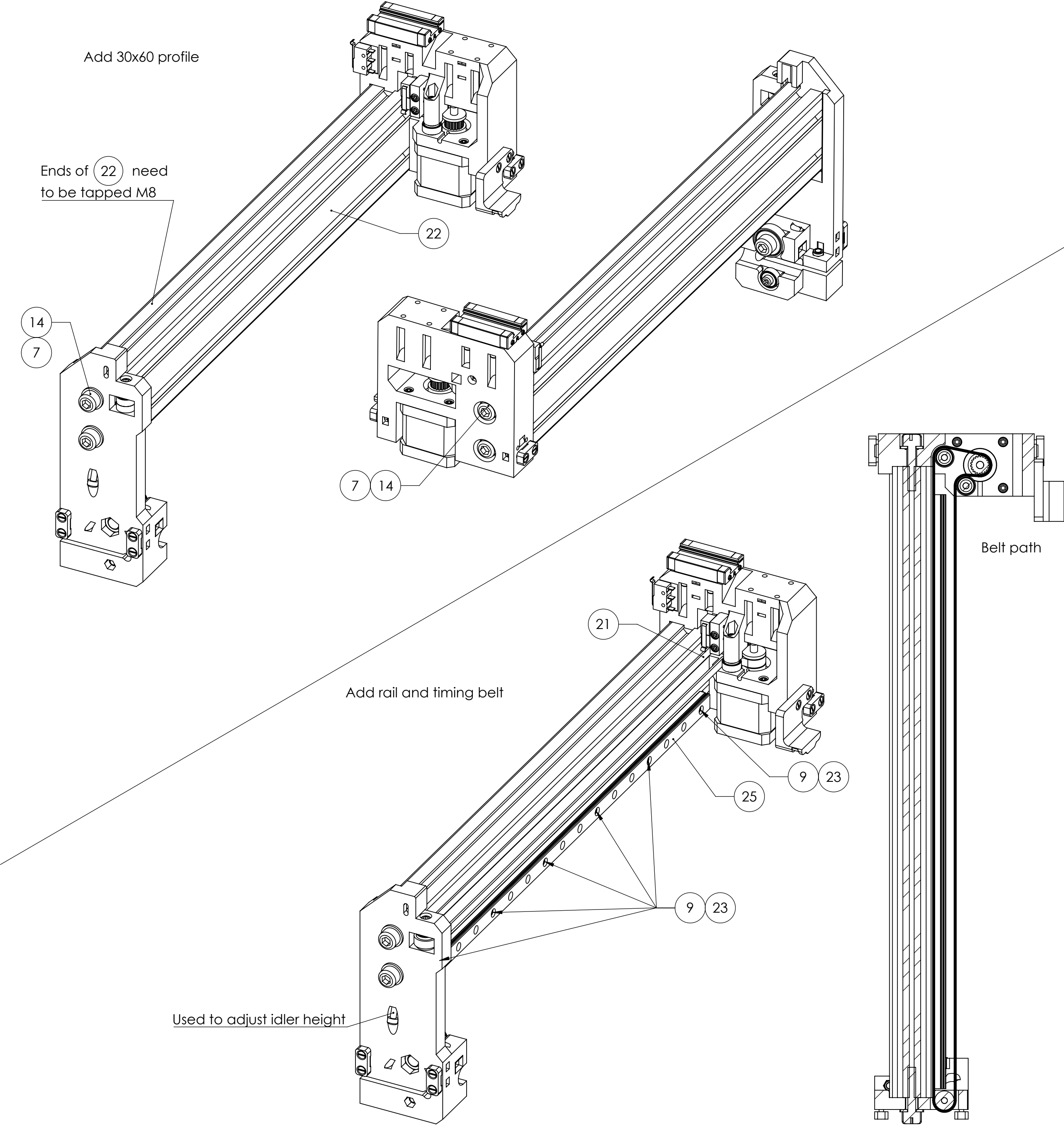


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------------------|--------------------------------|------|
| 1 | 15mm 150LPI Encoder Strip L=395 | Encoder strip | 1 |
| 2 | 608 bearing | Miniature roller bearing | 1 |
| 3 | 624 bearing | Miniature roller bearing | 5 |
| 4 | 685 bearing | Miniature roller bearing | 2 |
| 5 | DIN 0125-1A M3 | Washer | 1 |
| 6 | DIN 0125-1A M4 | Washer | 13 |
| 7 | DIN 0125-1A M8 | Washer | 4 |
| 8 | DIN 0912 M3x6 | Hex socket head cap screw | 2 |
| 9 | DIN 0912 M3x10 | Hex socket head cap screw | 13 |
| 10 | DIN 0912 M3x20 | Hex socket head cap screw | 6 |
| 11 | DIN 0912 M4x12 | Hex socket head cap screw | 12 |
| 12 | DIN 0912 M4x20 | Hex socket head cap screw | 1 |
| 13 | DIN 0912 M4x30 | Hex socket head cap screw | 5 |
| 14 | DIN 0912 M8x30 | Hex socket head cap screw | 5 |
| 15 | DIN 0934 M8 | Hex nut | 1 |
| 16 | DIN 0963 M3x16 | Slotted countersunk head screw | 10 |
| 17 | DIN 0985 M3 | Prevailing torque hex nut | 14 |
| 18 | DIN 0985 M4 | Prevailing torque hex nut | 8 |
| 19 | GT2 pulley 20T 6mm | Timing pulley | 2 |
| 20 | GT2 x 6mm Timing belt L120 Closed | Timing belt | 1 |
| 21 | GT2 x 6mm Timing belt L1000 | Timing belt | 1 |
| 22 | HFS6-3060-425 | 30x60 profile | 1 |
| 23 | HNTAP6-3 | Profile nut M3 | 6 |
| 24 | HNTAP6-4 | Profile nut M4 | 10 |
| 25 | MGN12 - L400 | Linear guide rail | 1 |
| 26 | MGN12H | Linear guide carriage | 1 |
| 27 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 28 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 29 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 30 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 31 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 32 | OA-Y20-P06-01 | Motor mount | 1 |
| 33 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 34 | OA-Y20-P08-00 | Endstop mount | 1 |
| 35 | OA-Y20-P10-00 | Cable pickup | 1 |
| 36 | OA-Y20-P11-00 | Cable support | 5 |
| 37 | OA-Y20-P12-00 | Cable mount | 1 |
| 38 | OA-Y20-P13-00 | Rotary shaft | 1 |
| 39 | OA-Y30-P02-01 | Belt clamp T2,5 | 4 |
| 40 | Omron 5e4t85 | Microswitch | 2 |
| 41 | Stepper NEMA 17 42BYGHW609 | Nema 42 stepper motor | 1 |
| 42 | Universal 25mm gear motor | 25mm motor | 1 |

| | | |
|---|-----------|-----------------|
| SCALE:1:1 | MATERIAL: | Description |
| DO NOT SCALE DRAWING | | Gantry assembly |
| TITLE: | | OA-Y20-A01-02 |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 1° | | |
| DRAWN BY | | DATE |
| Y. de Haas | | 30-9-2018 |
| | | A2 |



Assembly instructions, gantry 1

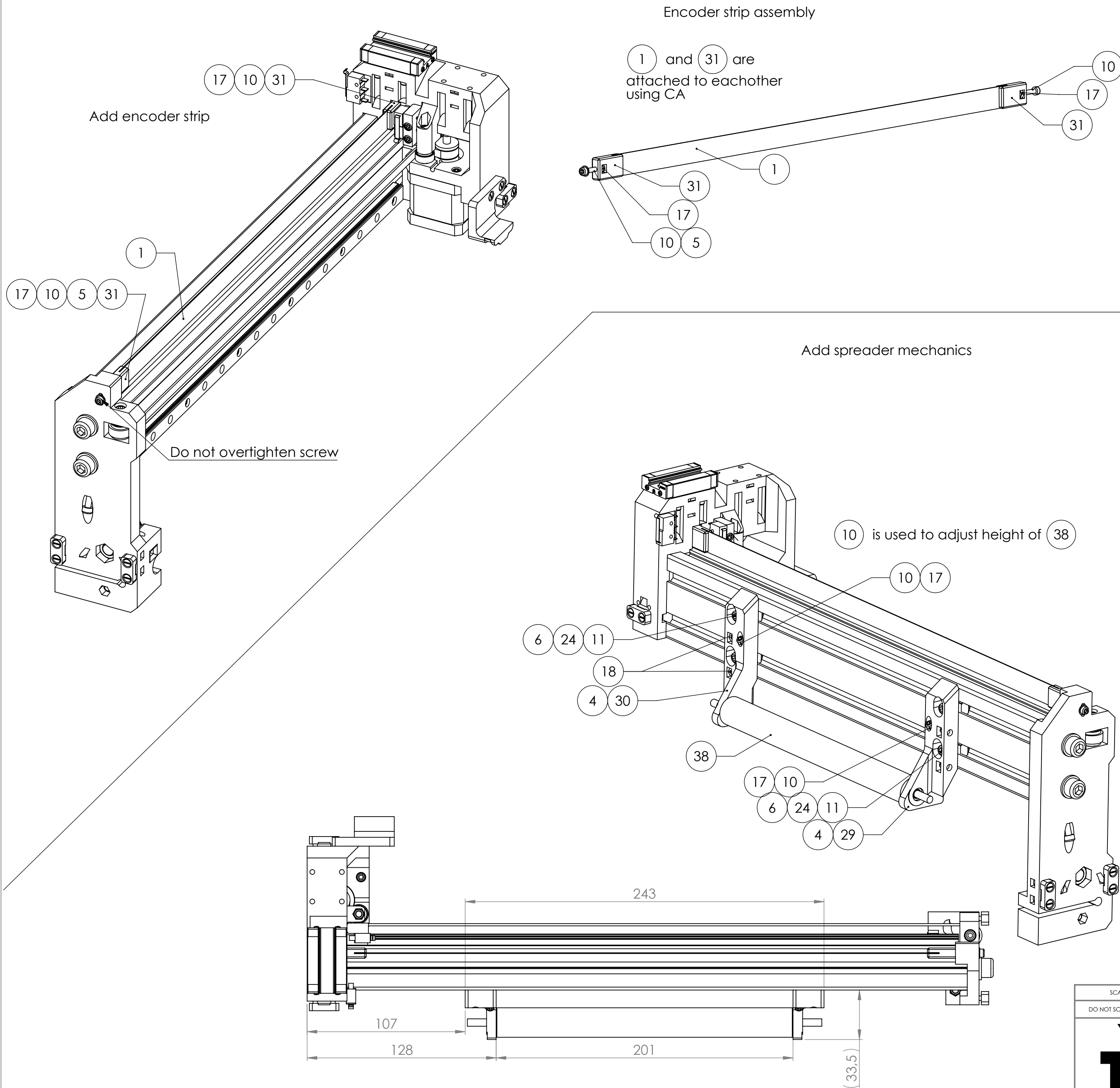


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------------------|--------------------------------|------|
| 1 | 15mm 150LPI Encoder Strip L=395 | Encoder strip | 1 |
| 2 | 608 bearing | Miniature roller bearing | 1 |
| 3 | 624 bearing | Miniature roller bearing | 5 |
| 4 | 685 bearing | Miniature roller bearing | 2 |
| 5 | DIN 0125-1A M3 | Washer | 1 |
| 6 | DIN 0125-1A M4 | Washer | 13 |
| 7 | DIN 0125-1A M8 | Washer | 4 |
| 8 | DIN 0912 M3x6 | Hex socket head cap screw | 2 |
| 9 | DIN 0912 M3x10 | Hex socket head cap screw | 13 |
| 10 | DIN 0912 M3x20 | Hex socket head cap screw | 6 |
| 11 | DIN 0912 M4x12 | Hex socket head cap screw | 12 |
| 12 | DIN 0912 M4x20 | Hex socket head cap screw | 1 |
| 13 | DIN 0912 M4x30 | Hex socket head cap screw | 5 |
| 14 | DIN 0912 M8x30 | Hex socket head cap screw | 5 |
| 15 | DIN 0934 M8 | Hex nut | 1 |
| 16 | DIN 0963 M3x16 | Slotted countersunk head screw | 10 |
| 17 | DIN 0985 M3 | Prevailing torque hex nut | 14 |
| 18 | DIN 0985 M4 | Prevailing torque hex nut | 8 |
| 19 | GT2 pulley 20T 6mm | Timing pulley | 2 |
| 20 | GT2 x 6mm Timing belt L120 Closed | Timing belt | 1 |
| 21 | GT2 x 6mm Timing belt L1000 | Timing belt | 1 |
| 22 | HFS6-3060-425 | 30x60 profile | 1 |
| 23 | HNTAP6-3 | Profile nut M3 | 6 |
| 24 | HNTAP6-4 | Profile nut M4 | 10 |
| 25 | MGN12 - L400 | Linear guide rail | 1 |
| 26 | MGN12H | Linear guide carriage | 1 |
| 27 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 28 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 29 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 30 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 31 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 32 | OA-Y20-P06-01 | Motor mount | 1 |
| 33 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 34 | OA-Y20-P08-00 | Endstop mount | 1 |
| 35 | OA-Y20-P10-00 | Cable pickup | 1 |
| 36 | OA-Y20-P11-00 | Cable support | 5 |
| 37 | OA-Y20-P12-00 | Cable mount | 1 |
| 38 | OA-Y20-P13-00 | Rotary shaft | 1 |
| 39 | OA-Y30-P02-01 | Belt clamp T2.5 | 4 |
| 40 | Omron 5e4t85 | Microswitch | 2 |
| 41 | Stepper NEMA 17 42BYGHW609 | Nema 42 stepper motor | 1 |
| 42 | Universal 25mm gear motor | 25mm motor | 1 |

| | | |
|---|-----------|-----------------|
| SCALE:1:2 | MATERIAL: | Description |
| DO NOT SCALE DRAWING | | Gantry assembly |
| TITLE: | | OA-Y20-A01-02 |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 1° | | |
| DRAWN BY | | DATE |
| Y. de Haas | | 30-9-2018 |
| | | A2 |



Assembly instructions, gantry 2



| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------------------|--------------------------------|------|
| 1 | 15mm 150LPI Encoder Strip L=395 | Encoder strip | 1 |
| 2 | 608 bearing | Miniature roller bearing | 1 |
| 3 | 624 bearing | Miniature roller bearing | 5 |
| 4 | 685 bearing | Miniature roller bearing | 2 |
| 5 | DIN 0125-1A M3 | Washer | 1 |
| 6 | DIN 0125-1A M4 | Washer | 13 |
| 7 | DIN 0125-1A M8 | Washer | 4 |
| 8 | DIN 0912 M3x6 | Hex socket head cap screw | 2 |
| 9 | DIN 0912 M3x10 | Hex socket head cap screw | 13 |
| 10 | DIN 0912 M3x20 | Hex socket head cap screw | 6 |
| 11 | DIN 0912 M4x12 | Hex socket head cap screw | 12 |
| 12 | DIN 0912 M4x20 | Hex socket head cap screw | 1 |
| 13 | DIN 0912 M4x30 | Hex socket head cap screw | 5 |
| 14 | DIN 0912 M8x30 | Hex socket head cap screw | 5 |
| 15 | DIN 0934 M8 | Hex nut | 1 |
| 16 | DIN 0963 M3x16 | Slotted countersunk head screw | 10 |
| 17 | DIN 0985 M3 | Prevailing torque hex nut | 14 |
| 18 | DIN 0985 M4 | Prevailing torque hex nut | 8 |
| 19 | GT2 pulley 20T 6mm | Timing pulley | 2 |
| 20 | GT2 x 6mm Timing belt L120 Closed | Timing belt | 1 |
| 21 | GT2 x 6mm Timing belt L1000 | Timing belt | 1 |
| 22 | HFS6-3060-425 | 30x60 profile | 1 |
| 23 | HNTAP6-3 | Profile nut M3 | 6 |
| 24 | HNTAP6-4 | Profile nut M4 | 10 |
| 25 | MGN12 - L400 | Linear guide rail | 1 |
| 26 | MGN12H | Linear guide carriage | 1 |
| 27 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 28 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 29 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 30 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 31 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 32 | OA-Y20-P06-01 | Motor mount | 1 |
| 33 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 34 | OA-Y20-P08-00 | Endstop mount | 1 |
| 35 | OA-Y20-P10-00 | Cable pickup | 1 |
| 36 | OA-Y20-P11-00 | Cable support | 5 |
| 37 | OA-Y20-P12-00 | Cable mount | 1 |
| 38 | OA-Y20-P13-00 | Rotary shaft | 1 |
| 39 | OA-Y30-P02-01 | Belt clamp T2.5 | 4 |
| 40 | Omron 5e4t85 | Microswitch | 2 |
| 41 | Stepper NEMA 17 42BYGHW609 | Nema 42 stepper motor | 1 |
| 42 | Universal 25mm gear motor | 25mm motor | 1 |


SCALE:1:2

DO NOT SCALE DRAWING

MATERIAL:

Description

Gantry assembly



Ytec3D.com

TITLE:

OA-Y20-A01-02

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: Ra 1.6
TOLERANCES: +/- 0.1mm
LINEAR: +/- 0.2mm
ANGULAR: +/- 1°

DRAWN BY

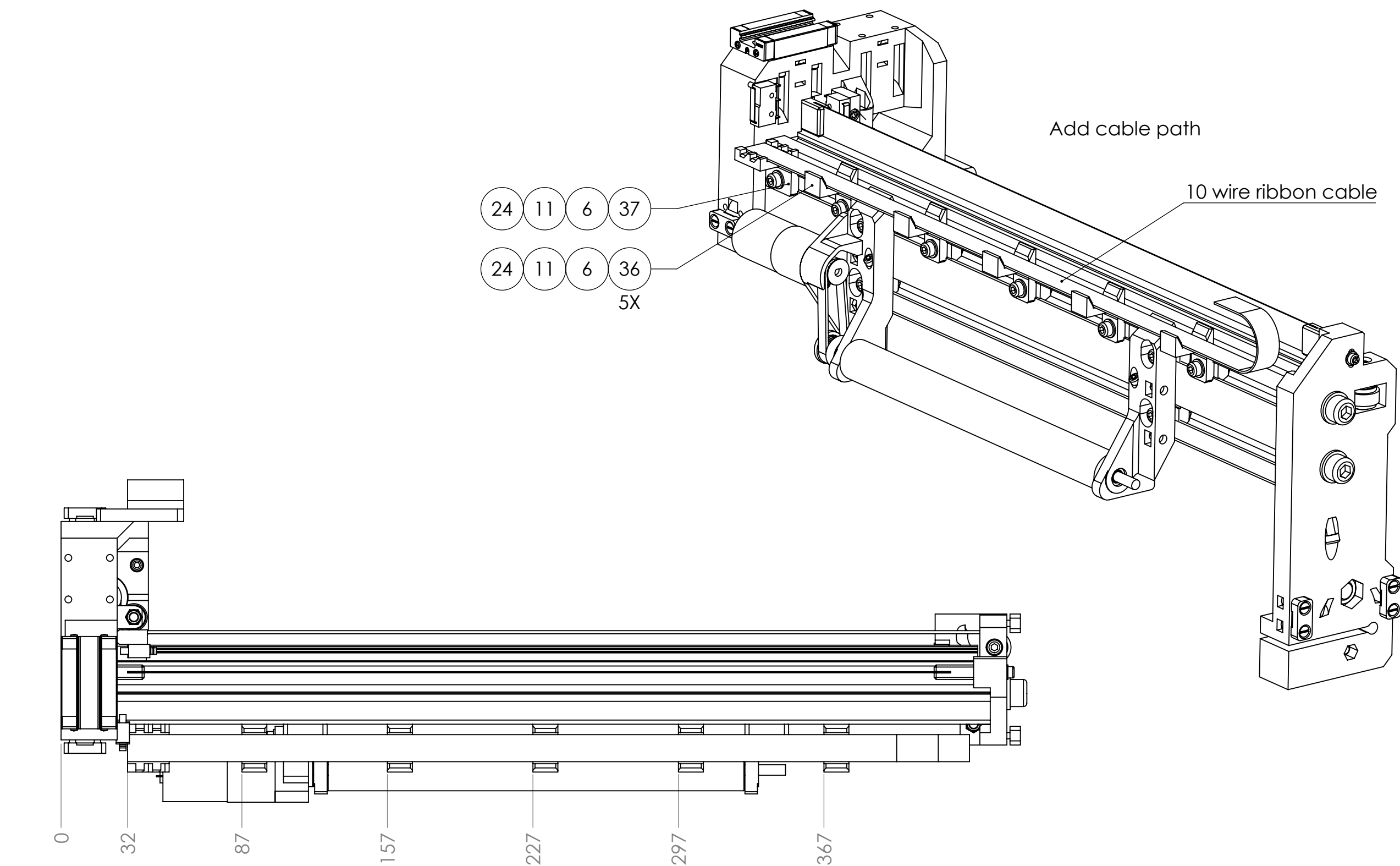
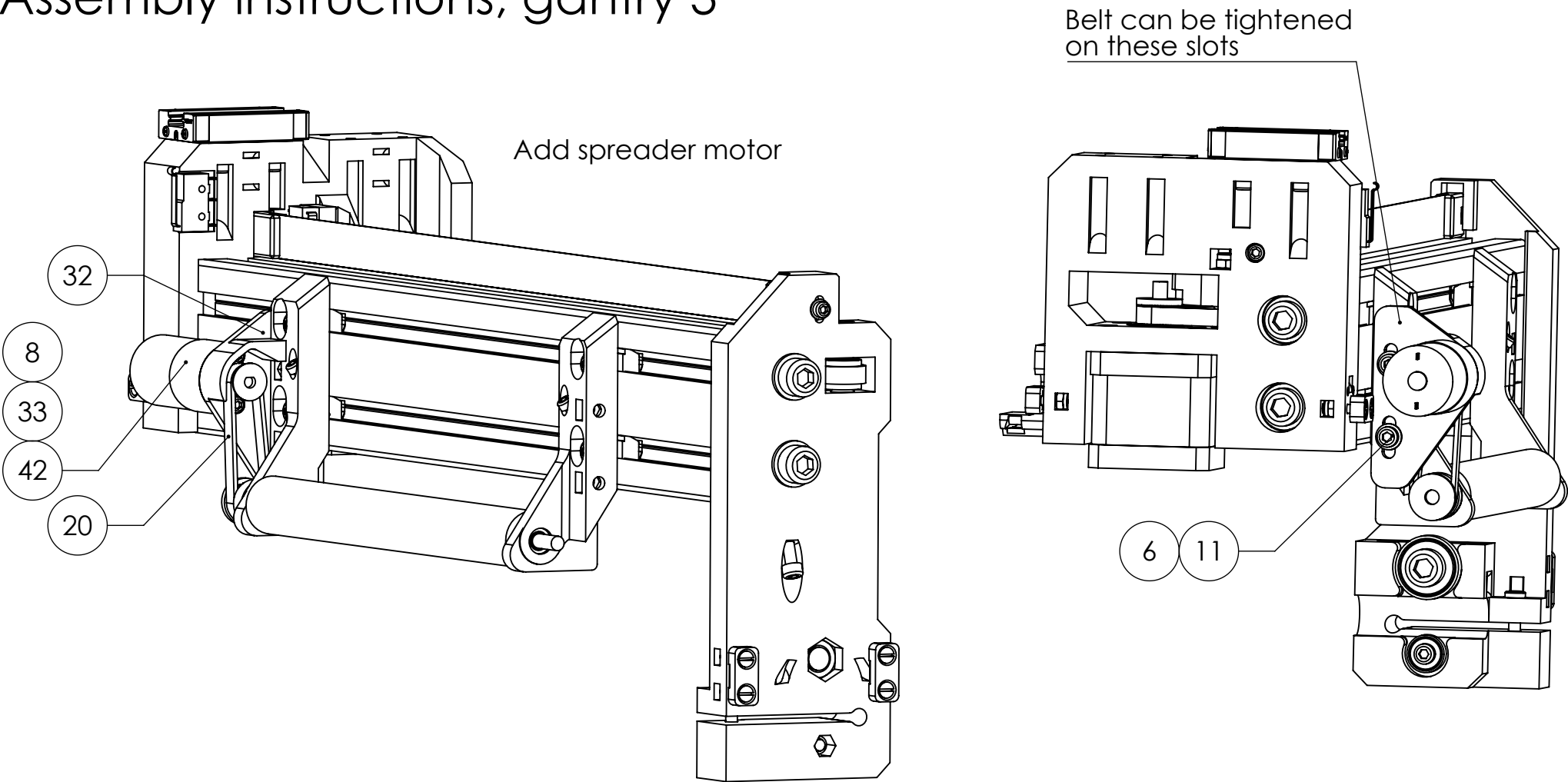
DATE

Y. de Haas


30-9-2018

A2

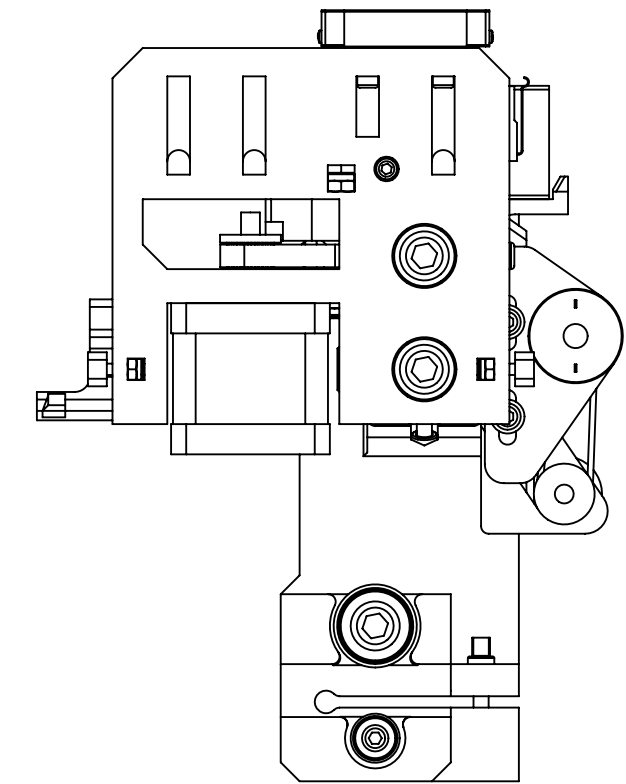
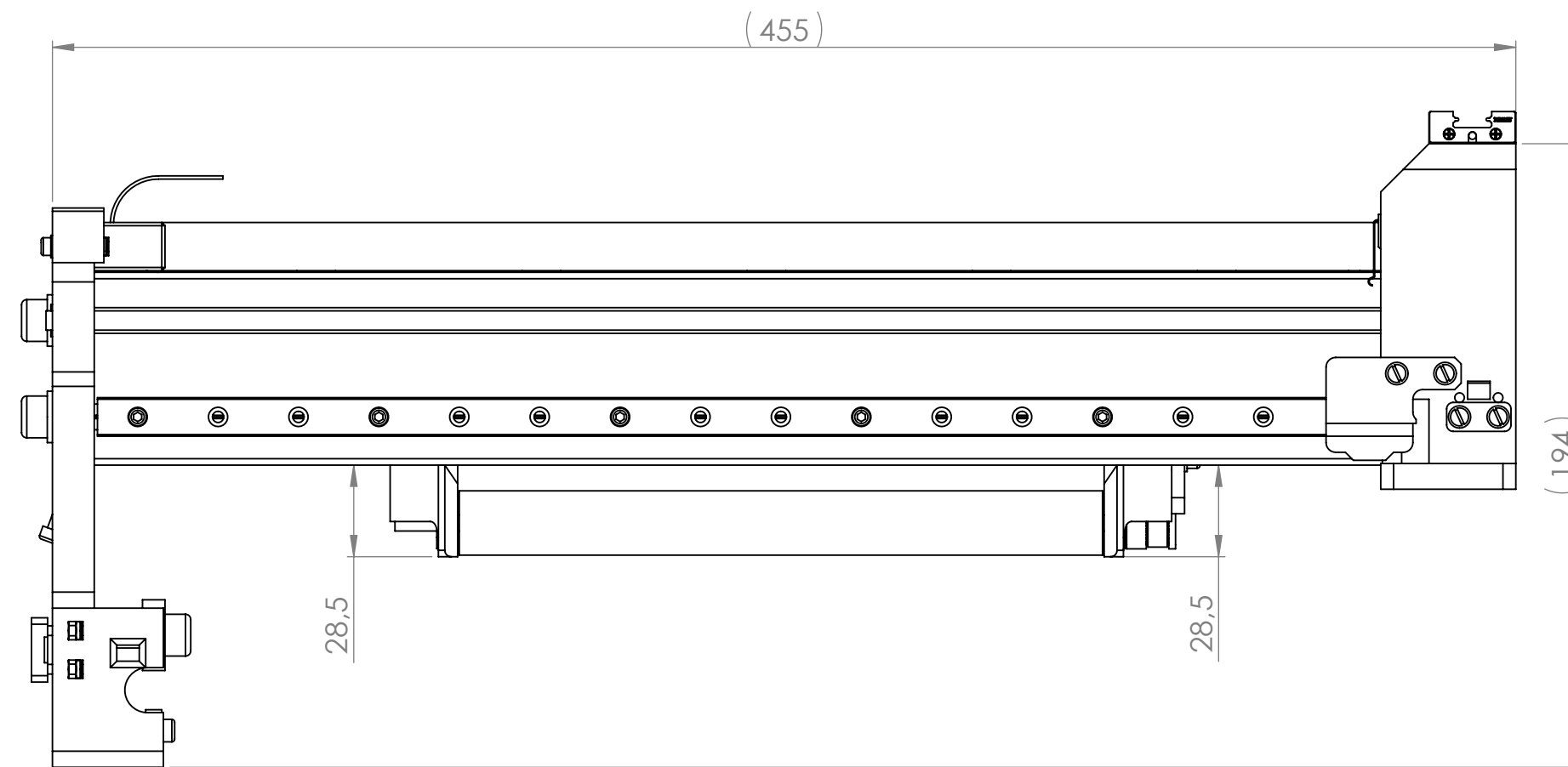
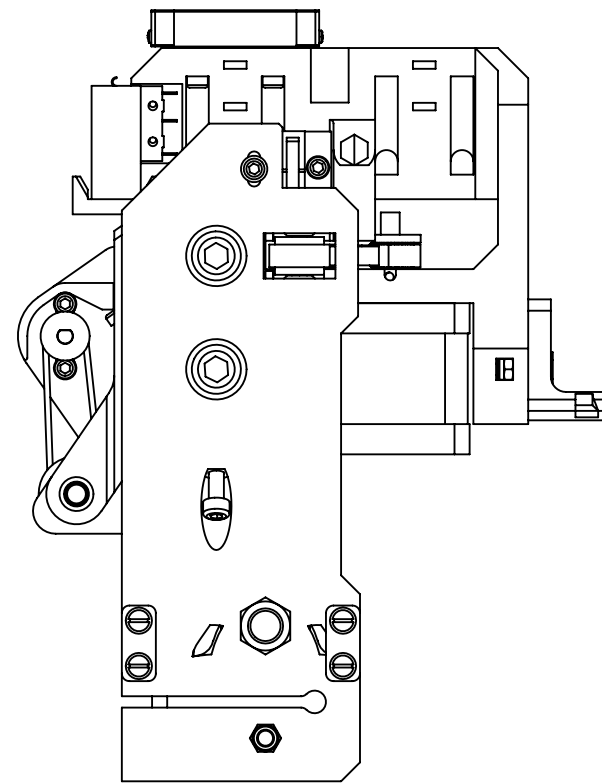
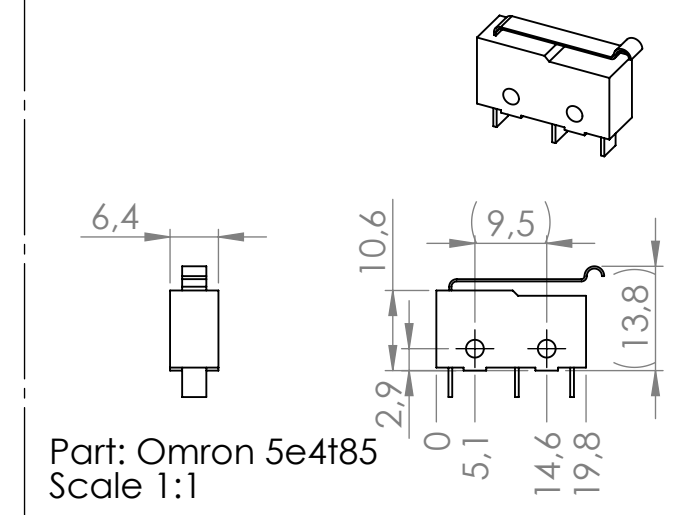
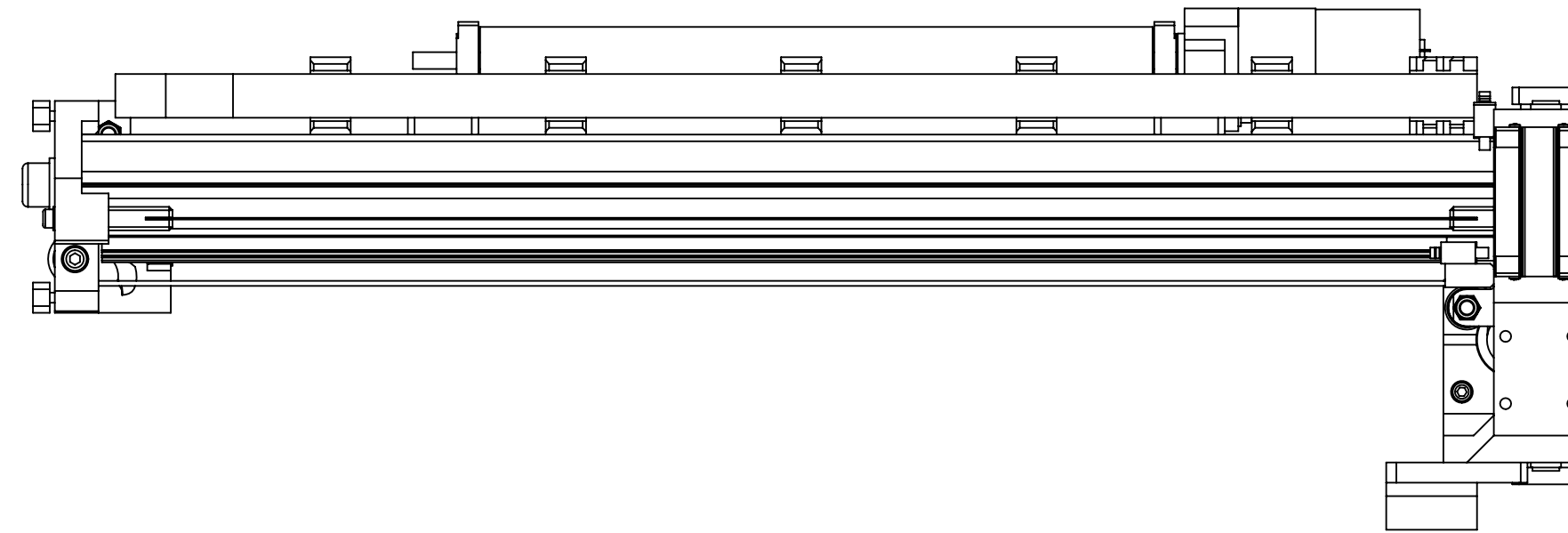
Assembly instructions, gantry 3



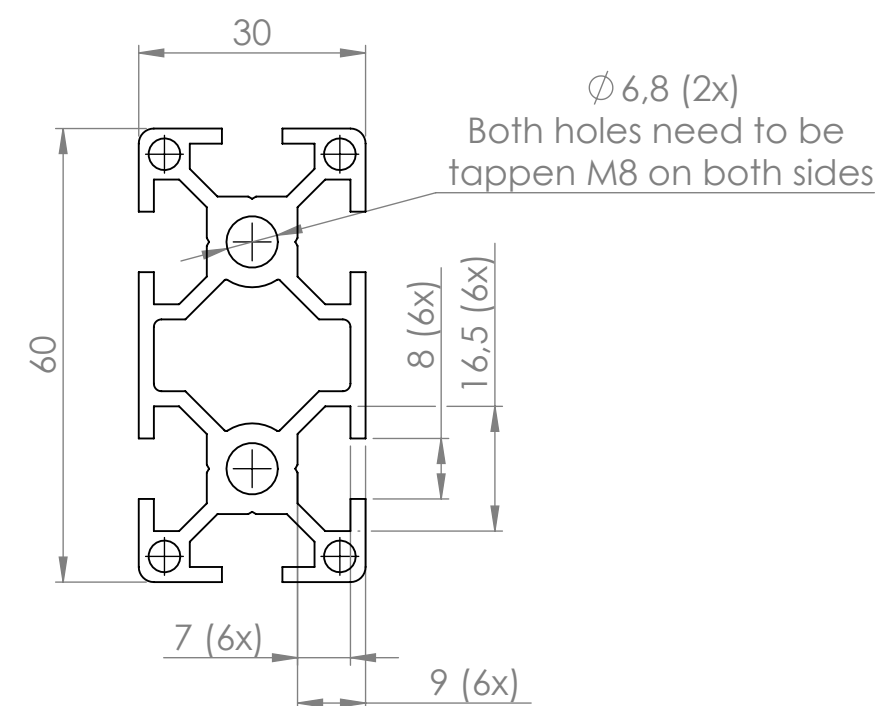
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------------------------|--------------------------------|------|
| 1 | 15mm 150LPI Encoder Strip L=395 | Encoder strip | 1 |
| 2 | 608 bearing | Miniature roller bearing | 1 |
| 3 | 624 bearing | Miniature roller bearing | 5 |
| 4 | 685 bearing | Miniature roller bearing | 2 |
| 5 | DIN 0125-1A M3 | Washer | 1 |
| 6 | DIN 0125-1A M4 | Washer | 13 |
| 7 | DIN 0125-1A M8 | Washer | 4 |
| 8 | DIN 0912 M3x6 | Hex socket head cap screw | 2 |
| 9 | DIN 0912 M3x10 | Hex socket head cap screw | 13 |
| 10 | DIN 0912 M3x20 | Hex socket head cap screw | 6 |
| 11 | DIN 0912 M4x12 | Hex socket head cap screw | 12 |
| 12 | DIN 0912 M4x20 | Hex socket head cap screw | 1 |
| 13 | DIN 0912 M4x30 | Hex socket head cap screw | 5 |
| 14 | DIN 0912 M8x30 | Hex socket head cap screw | 5 |
| 15 | DIN 0934 M8 | Hex nut | 1 |
| 16 | DIN 0963 M3x16 | Slotted countersunk head screw | 10 |
| 17 | DIN 0985 M3 | Prevailing torque hex nut | 14 |
| 18 | DIN 0985 M4 | Prevailing torque hex nut | 8 |
| 19 | GT2 pulley 20T 6mm | Timing pulley | 2 |
| 20 | GT2 x 6mm Timing belt L120 Closed | Timing belt | 1 |
| 21 | GT2 x 6mm Timing belt L1000 | Timing belt | 1 |
| 22 | HFS6-3060-425 | 30x60 profile | 1 |
| 23 | HNTAP6-3 | Profile nut M3 | 6 |
| 24 | HNTAP6-4 | Profile nut M4 | 10 |
| 25 | MGN12 - L400 | Linear guide rail | 1 |
| 26 | MGN12H | Linear guide carriage | 1 |
| 27 | OA-Y20-P01-01 | Gantry Free block | 1 |
| 28 | OA-Y20-P03-01 | Gantry fixed block | 1 |
| 29 | OA-Y20-P04-00 | Spreader Mount | 1 |
| 30 | OA-Y20-P04-00-M | Spreader mount | 1 |
| 31 | OA-Y20-P05-00 | Encoder Ribon End Block | 2 |
| 32 | OA-Y20-P06-01 | Motor mount | 1 |
| 33 | OA-Y20-P07-00 | Spreader pulley | 1 |
| 34 | OA-Y20-P08-00 | Endstop mount | 1 |
| 35 | OA-Y20-P10-00 | Cable pickup | 1 |
| 36 | OA-Y20-P11-00 | Cable support | 5 |
| 37 | OA-Y20-P12-00 | Cable mount | 1 |
| 38 | OA-Y20-P13-00 | Rotary shaft | 1 |
| 39 | OA-Y30-P02-01 | Belt clamp T2.5 | 4 |
| 40 | Omron 5e4t85 | Microswitch | 2 |
| 41 | Stepper NEMA 17 42BYGHW609 | Nema 42 stepper motor | 1 |
| 42 | Universal 25mm gear motor | 25mm motor | 1 |

| | | | | | |
|---|--|---|--|-------------|--|
| SCALE:1:2 | | MATERIAL: | | Description | |
| DO NOT SCALE DRAWING | | Gantry assembly | | | |
| <div> Ytec3D.com</div> | | TITLE: | | | |
| | | OA-Y20-A01-02 | | | |
| | | UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 1° | | DRAWN BY | |
| | | Y. de Haas | | DATE | |
| | | | | 30-9-2018 | |
| | | | | A2 | |

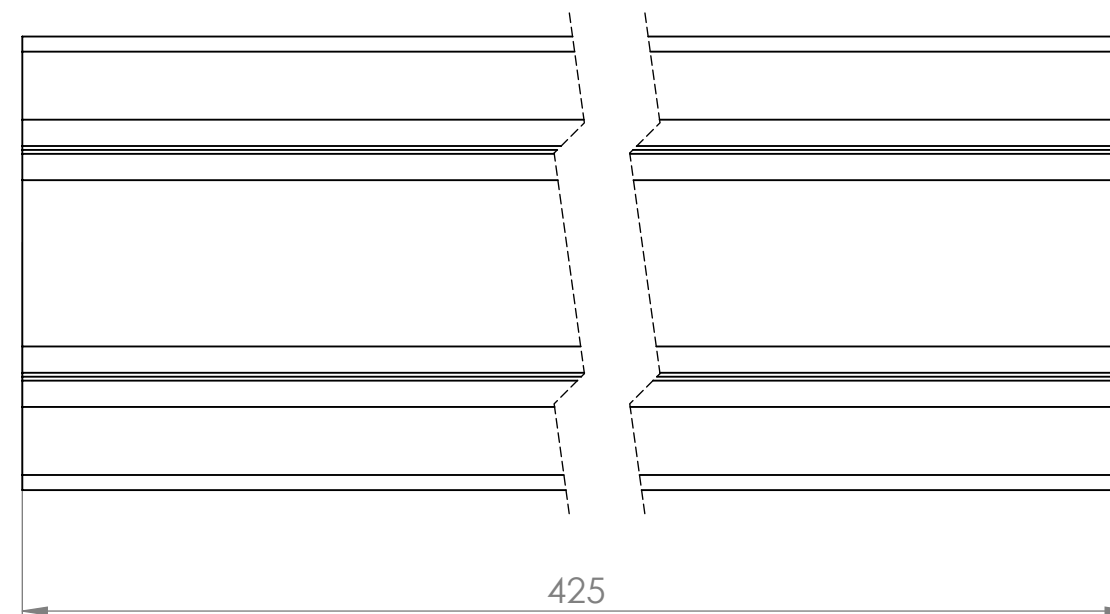
Dimensions



Specs of aluminium profile



scale 1:1



| | | | | |
|---|-----------------|---------------|-----------|----|
| SCALE:1:2 | MATERIAL: | Description | | |
| DO NOT SCALE DRAWING | Gantry assembly | | | |
|  | | TITLE: | | |
| | | OA-Y20-A01-02 | | |
| <p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: Ra 1.6 TOLERANCES: +/- 0.1mm LINEAR: +/- 0.2mm ANGULAR: +/- 0.5°</p> | | DRAWN BY | DATE | A2 |
| | | Y. de Haas | 30-9-2018 | |