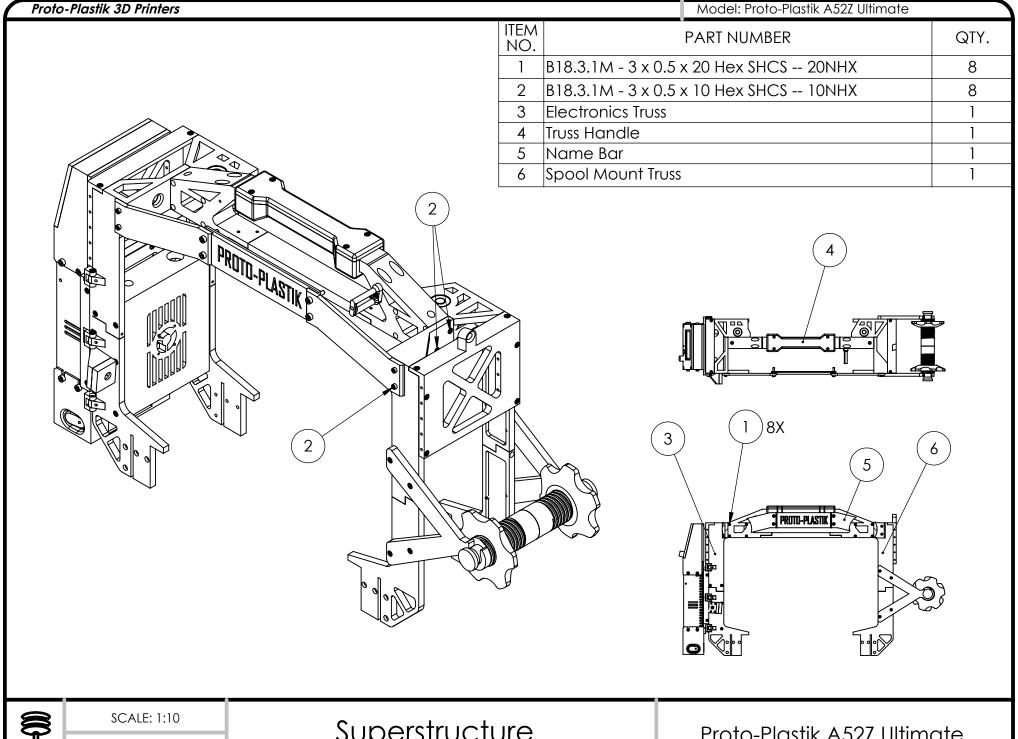


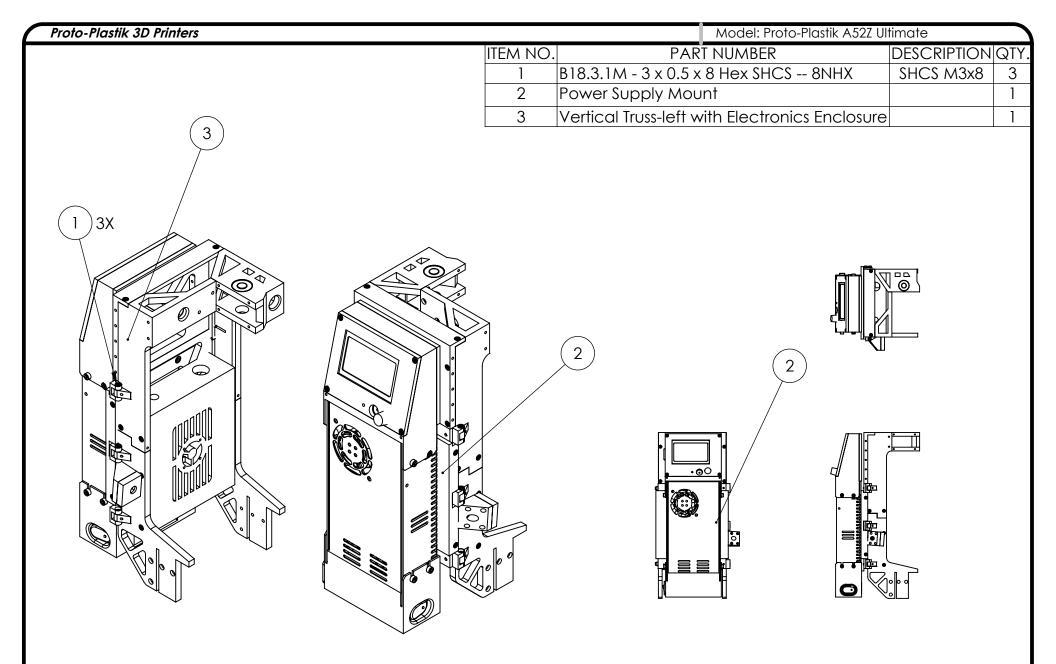
SHEET 1 OF 16

Top Level Assembly



SHEET 2 OF 16

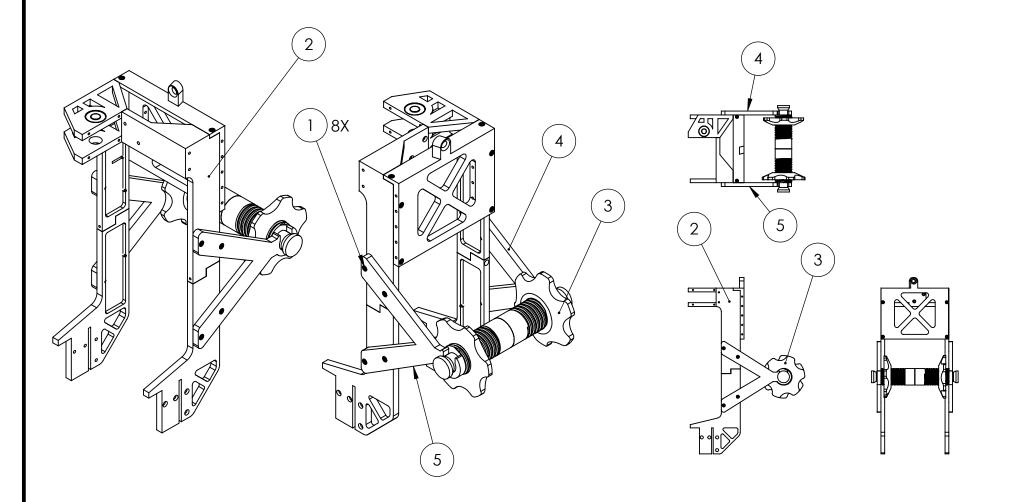
Superstructure





SHEET 3 OF 16

Electronics Truss





SCALE: 1:8

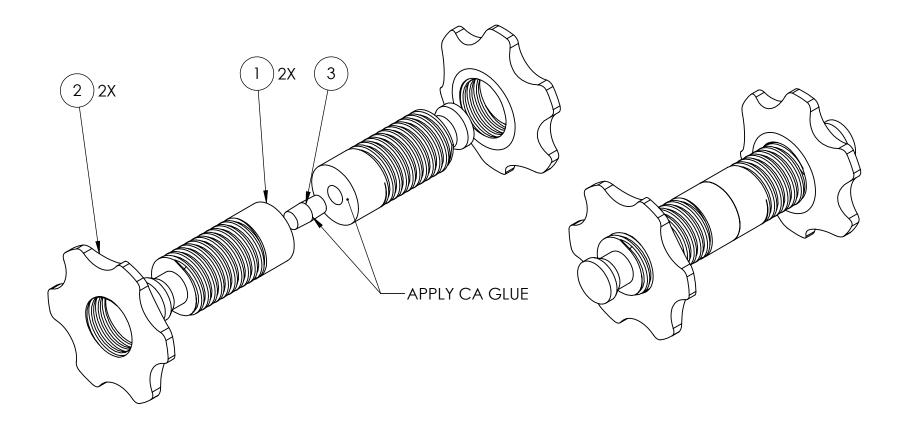
SHEET 4 OF 16

Spool Mount Truss

Proto-Plastik A52Z Ultimate

spool holder bracket - rear spool holder bracket - front

	Model: Proto-Plastik A52Z Ultima	te
ITEM NO.	PART NUMBER	ULTIMATE/QTY.
1	filament spool holder spindle-shaft 1Z	2
2 filament spool holder spindle-hub		2
3	Proto-Plastik filament spool holder spindle pin	1

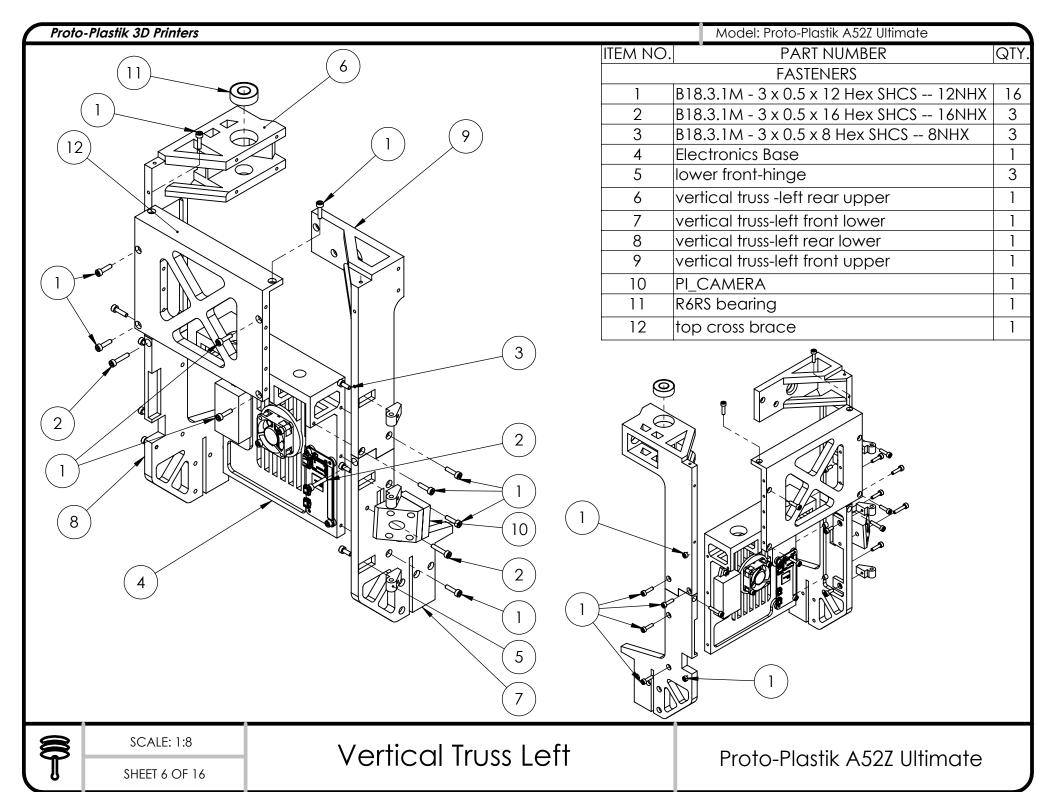


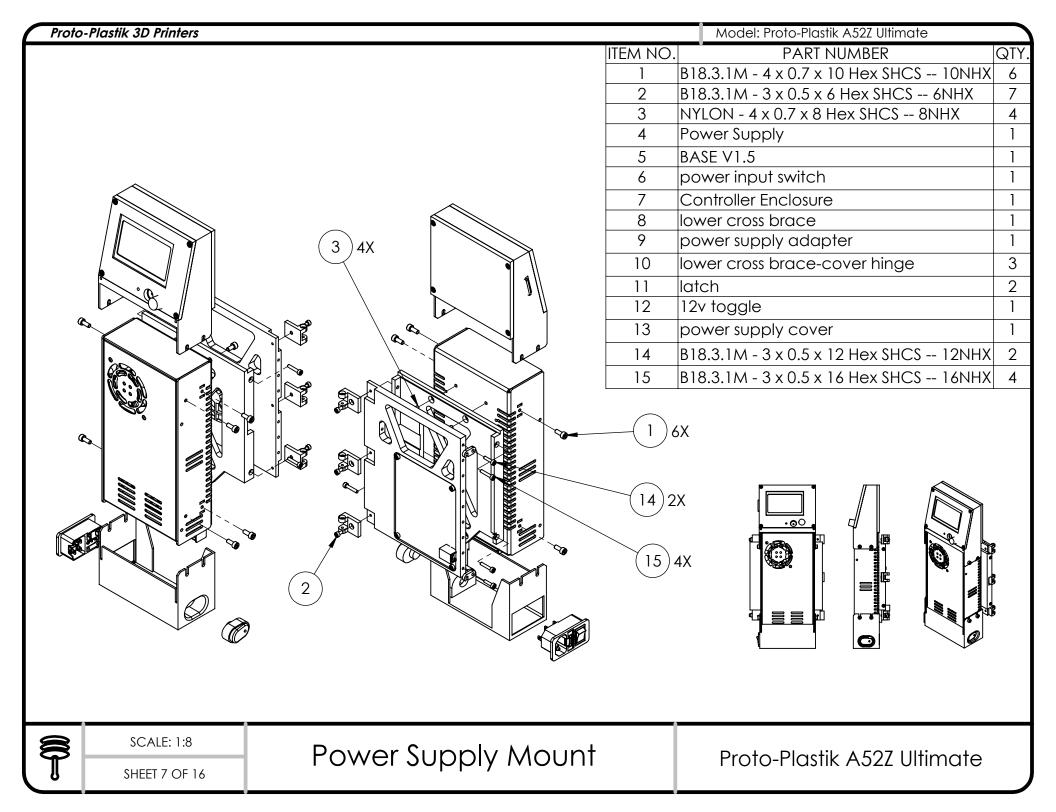


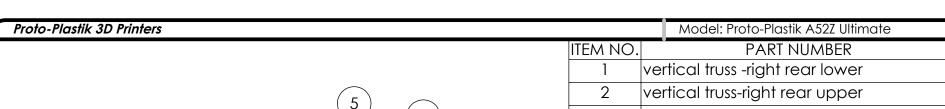
Proto-Plastik 3D Printers

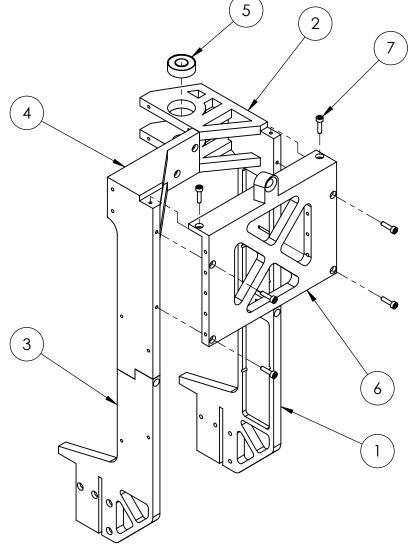
SHEET 5 OF 16

Filament Spool Holder

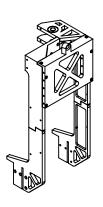


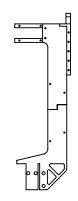


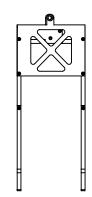




Wieden Flore Flashky (622 Shiffare				
ITEM NO.	PART NUMBER	QTY.		
1	vertical truss -right rear lower	1		
2	vertical truss-right rear upper	1		
3	vertical truss-right front lower	1		
4	vertical truss-right front upper	1		
5	R6RS bearing	1		
6	top cross brace	1		
7	B18.3.1M - 3 x 0.5 x 12 Hex SHCS 12NHX	6		



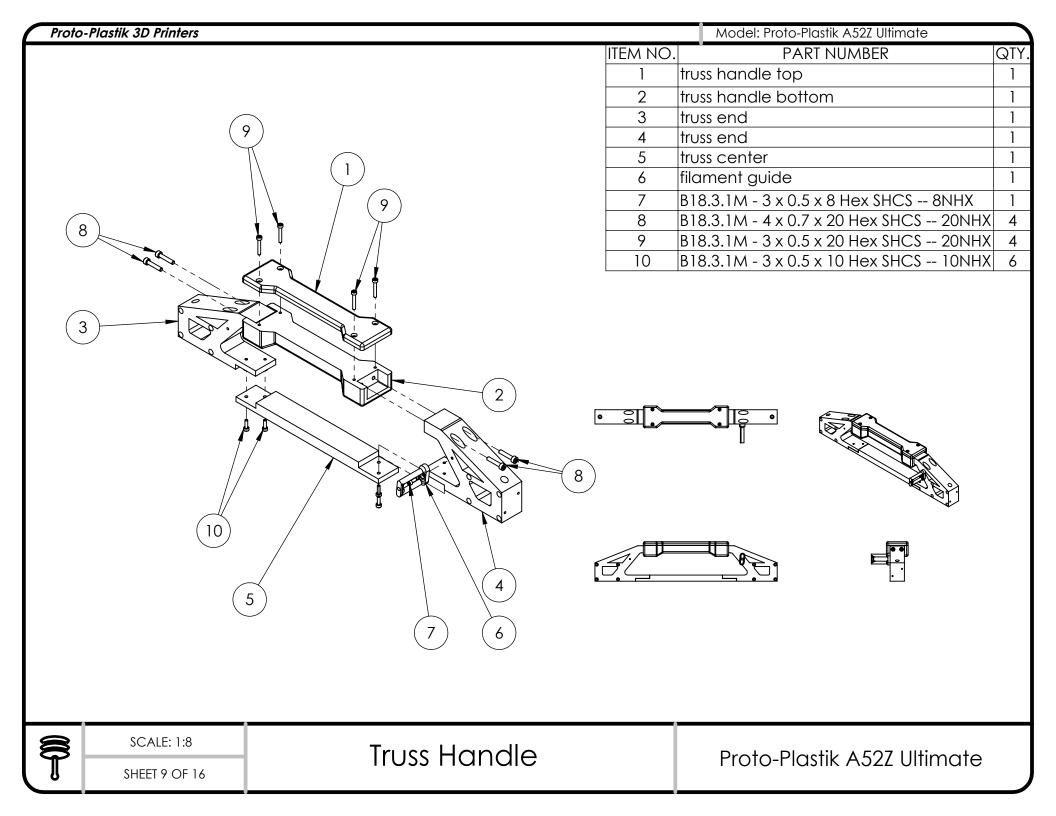


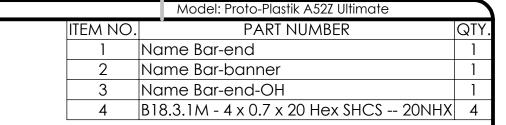


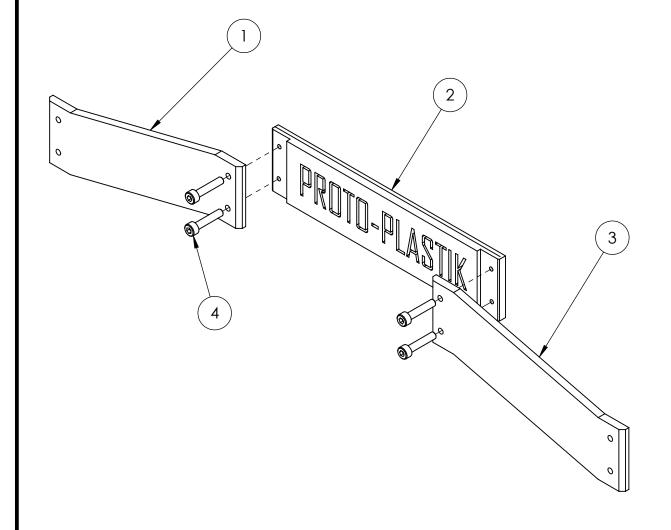


SHEET 8 OF 16

Vertical Truss Right





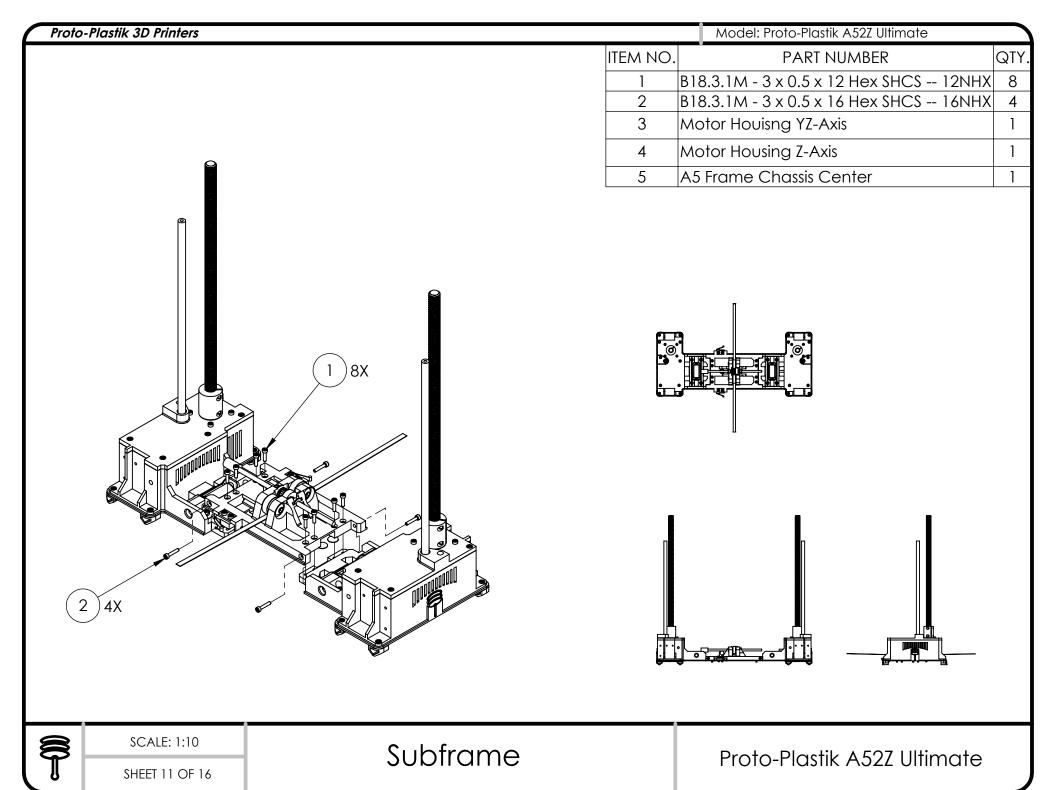


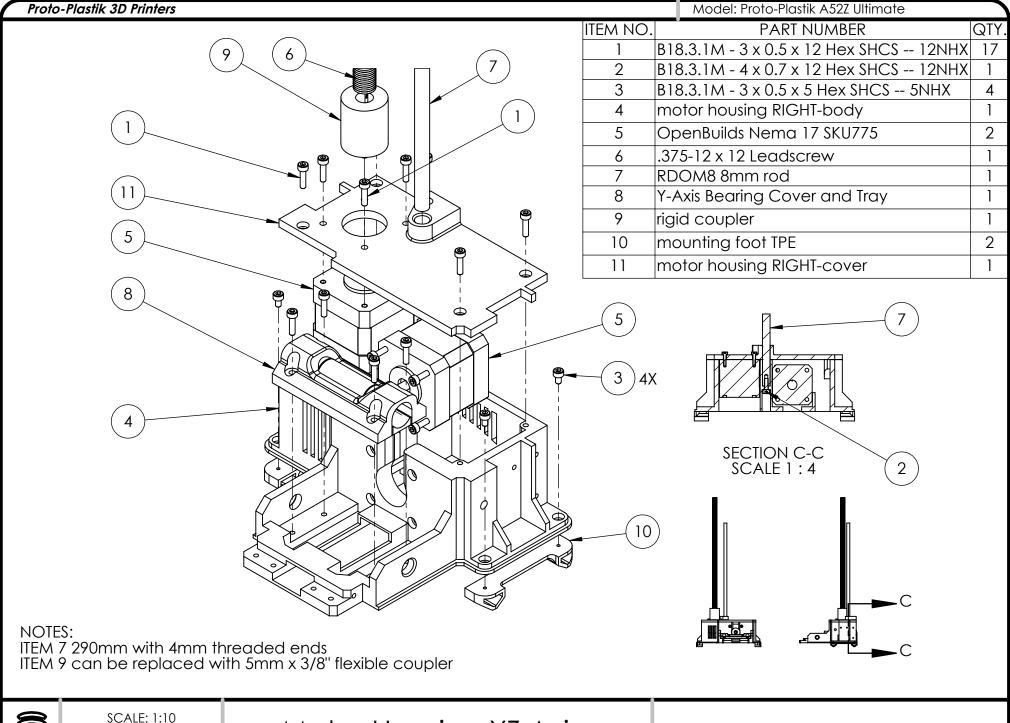


Proto-Plastik 3D Printers

SHEET 10 OF 16

Name Bar

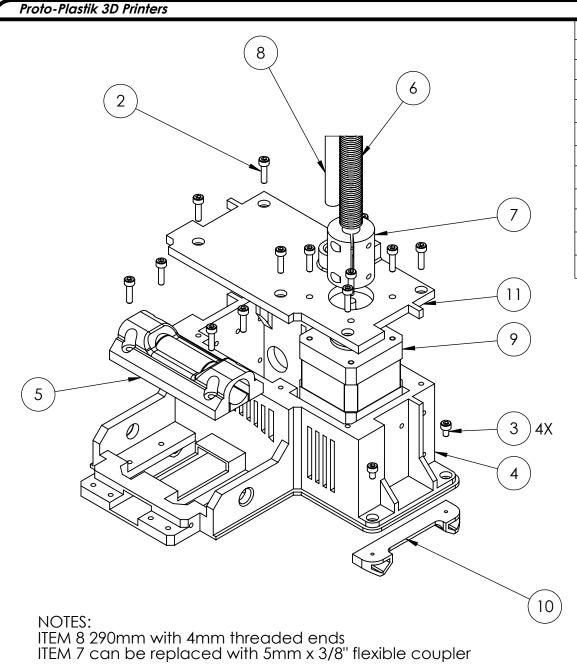




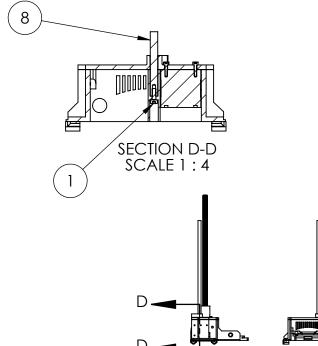


SHEET 12 OF 16

Motor Housing YZ Axis



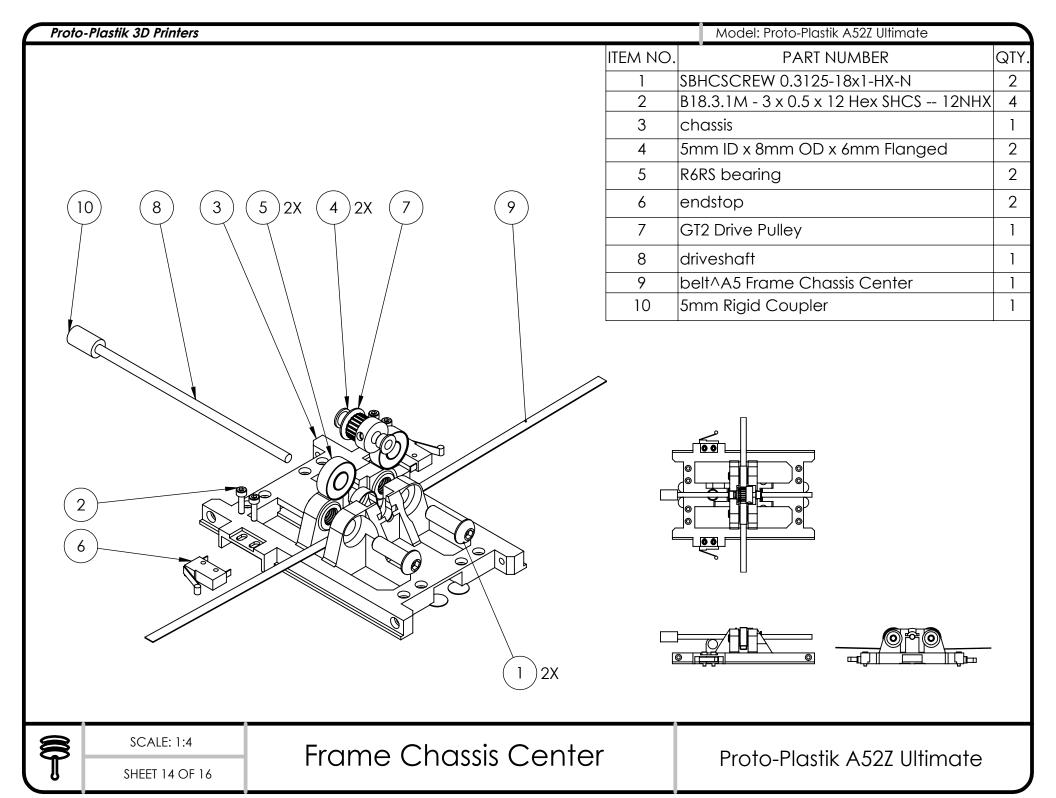
	Model: Proto-Plastik A52Z Ultimate	
ITEM NO.	PART NUMBER	QTY.
1	B18.3.1M - 4 x 0.7 x 12 Hex SHCS 12NHX	1
2	B18.3.1M - 3 x 0.5 x 12 Hex SHCS 12NHX	14
3	B18.3.1M - 3 x 0.5 x 5 Hex SHCS 5NHX	4
4	motor housing LEFT-Body	1
5	Y-Axis Bearing Cover and Tray	1
6	.375-12 x 12 Leadscrew	1
7	rigid coupler	1
8	RDOM8 8mm rod	1
9	OpenBuilds Nema 17 SKU775	1
10	mounting foot TPE	2
11	motor housing LEFT-Cover	1

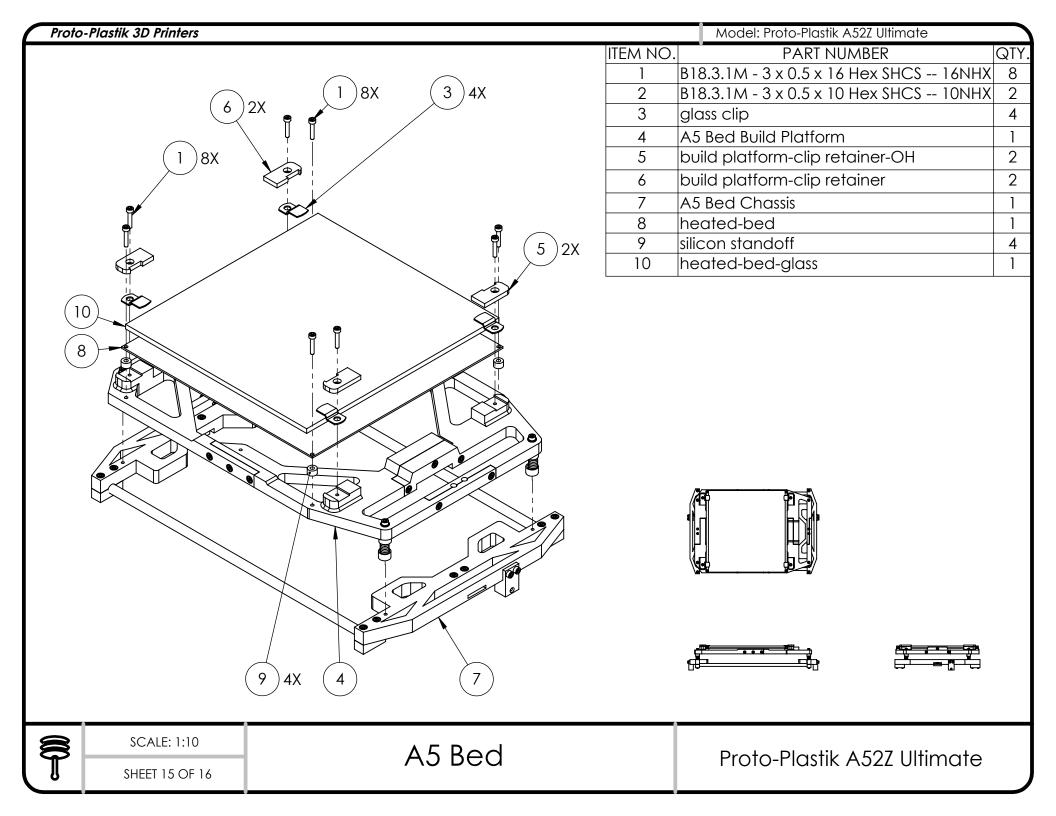




SHEET 13 OF 16

Motor Housing Z Axis





Proto-Plastik 3D Printers	Model: Proto-Plastik A52Z Ultimate	
		
SCALE: 1:10	Sheet2	Proto-Plastik A52Z Ultimate
SHEET 16 OF 16	JIICCIZ	1 1010-1 10311K AJZZ UIIIITIQIE