3Dtisk
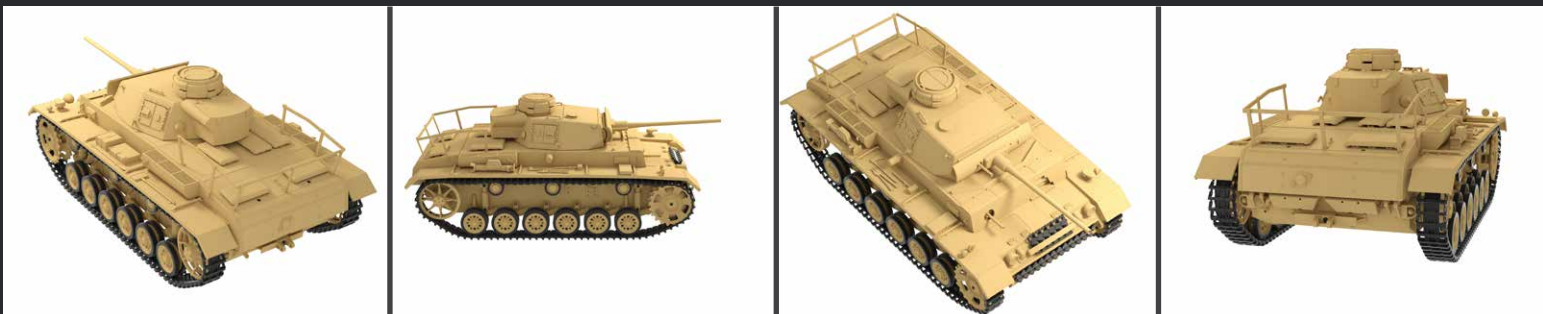
Panzerkampfwagen III
Panzer III
PzKpfw III
1:10

UPDATE – V–1.2.

BUILD GUIDE

www.3dtisk.store

Build Guide
3d print

Settings :
Print setting: 0.20mm (for connecting parts 0.15mm more accurate,
e.g. inserting ball bearings)

Filament: **PLA 3 Kg**
STL files: **253 pcs**
Print duration: **9 days**

UPDATE V–1.2.

combined gearbox, stronger drive axle, easier assembly,
replaceable parts, new belt tensioner

Spojovací materiál

Screws
M3 x 16mm = 66pcs
M3 x 10mm = 8pcs

Ball-bearing:
Ball-bearing 10 x 15 x 4mm   = 20pcs
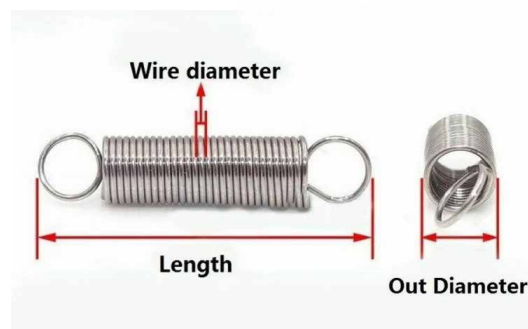*Ball-bearing 12 x 21 x 5mm   = 4pcs*

70XL Timing belt
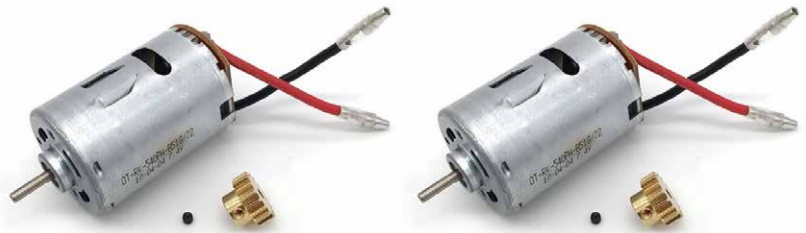*width: 6.35 mm teeth: 35 = 4pcs*

Springs:
0,5 mm, 30 mm, 5 mm = 12pcs

Binding wire: *tl. 1 mm*
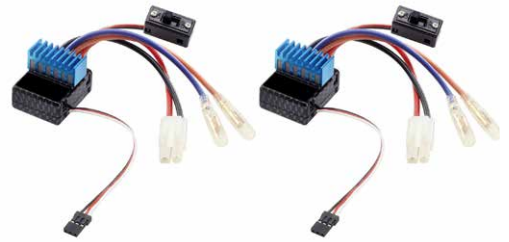
Super glue

Wire diameter

Length

Out Diameter

Engines:
DC Enginess 540

Regulators:
two-way electric regulators

Serve:
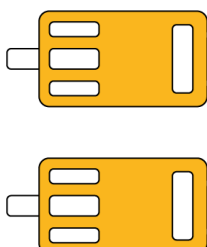20,3x38x40,5mm

DIAGRAM

TRANSMITTER - TX

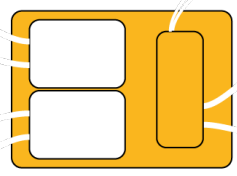**SERVO–1**

SERVO–2

RECEIVER-RX
At least 4 channel receiver, for control
2x Engines, 1x tower servo rotation,
1x cannon positioning.

BATTERY
Lipol S2, S3

ENGINES
DC Enginess

+

−

REGULATORS

Panzer III

PARAMETRY MODELU

*Scale:: **1:10***
*Dimension:: **657 x 345 x 279 mm***
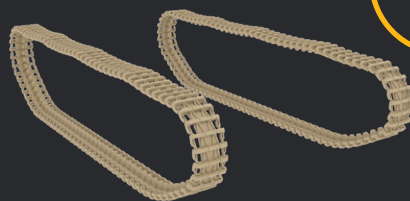*Weight:: **4,5 Kg***

279 mm

657 mm

345 mm

A

B

C

D

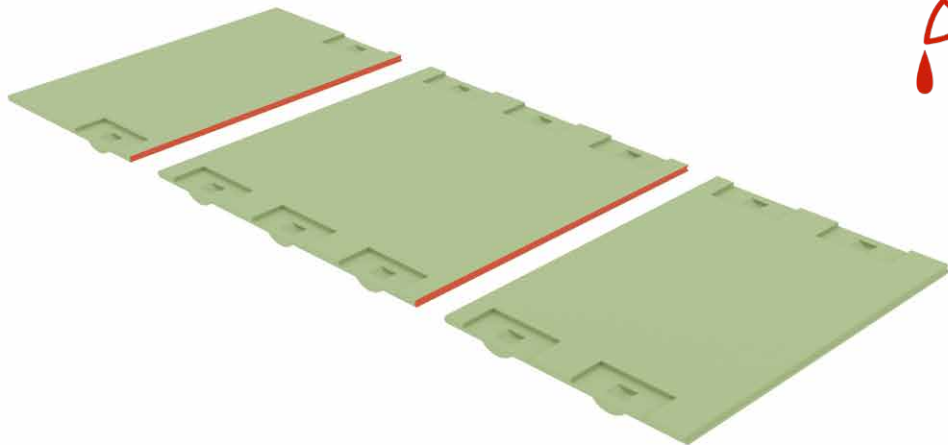**E**

F

G

P
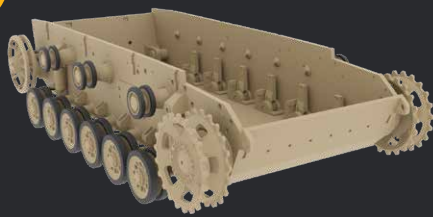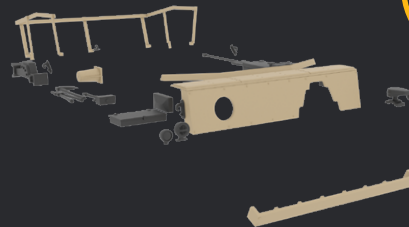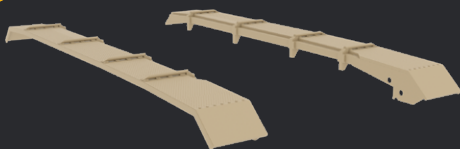
Panzer III
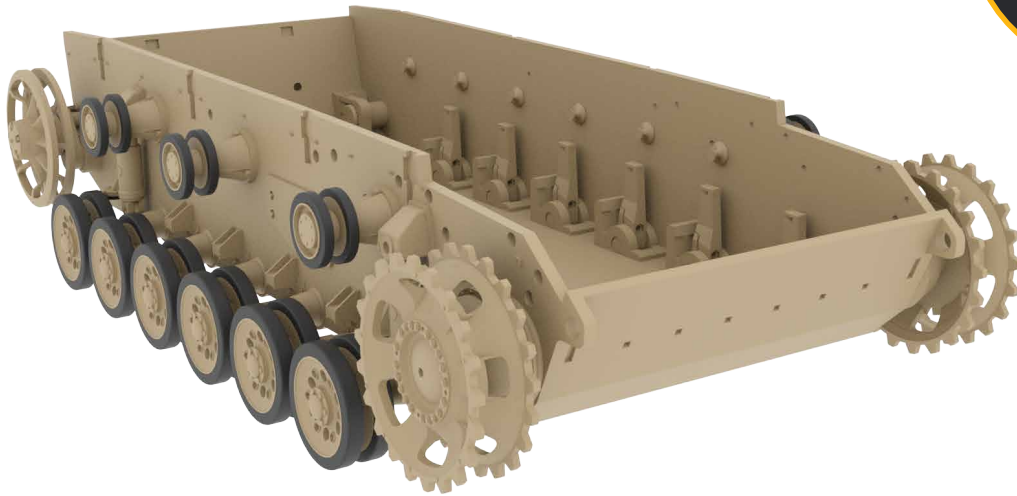
Files:
A–1–1x
A–2–1x
A–3–1x

Files:
A–4–right–6x
A–4–left–6x
A–5–right–6x
A–5–left–6x
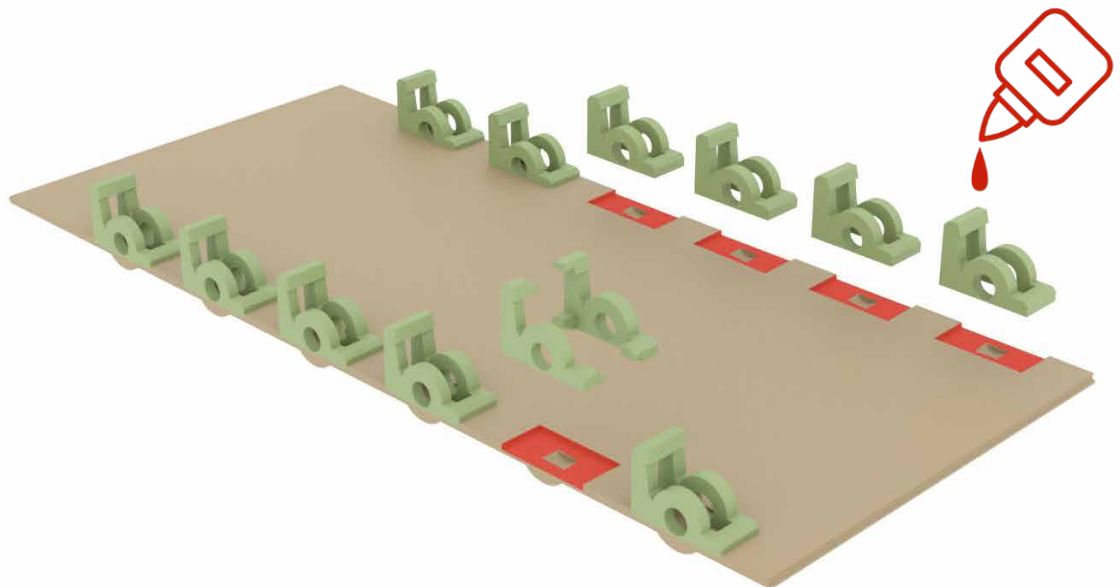
Files:
A–6–right–1x
A–6–left–1x
A–7–right–1x
A–7–left–1x
A–8–right–1x
A–8–left–1x
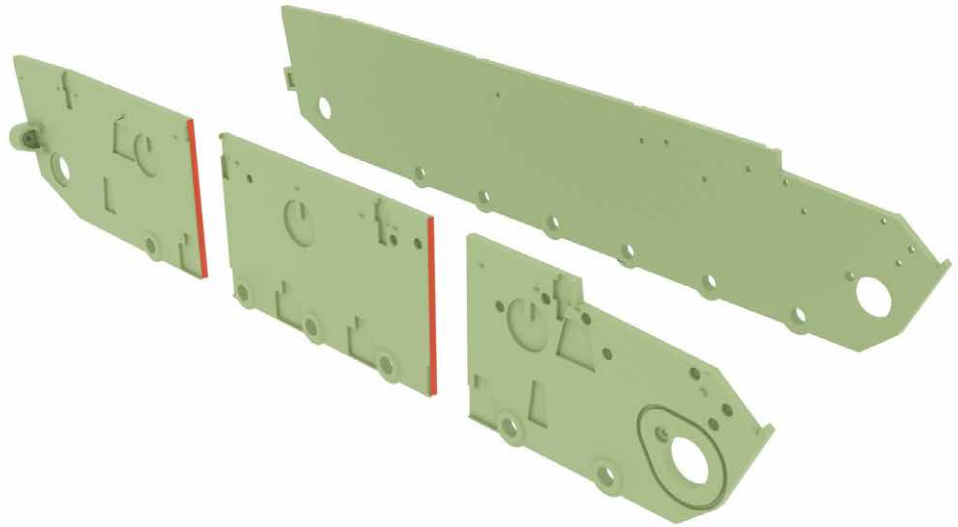
Files:
A–11–1x
A–12–left–1x
A–12–right–1x
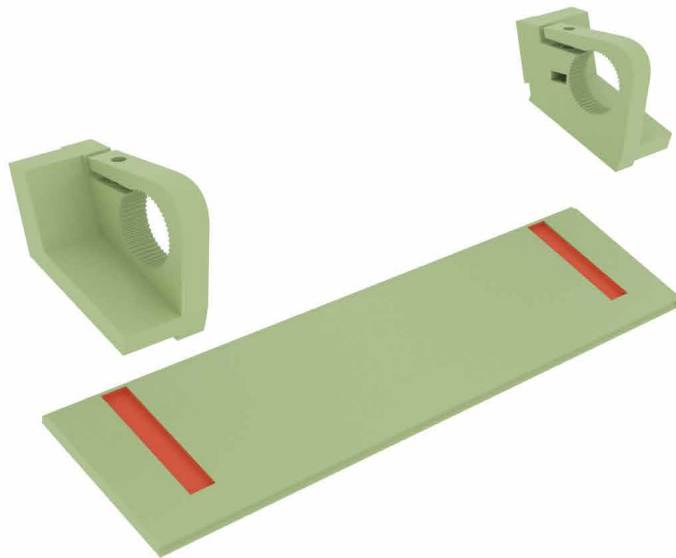
Files:
A–9–1x
A–10–1x
A–11–1x
A–12–left–1x
A–12–right–1x
A–13–1x
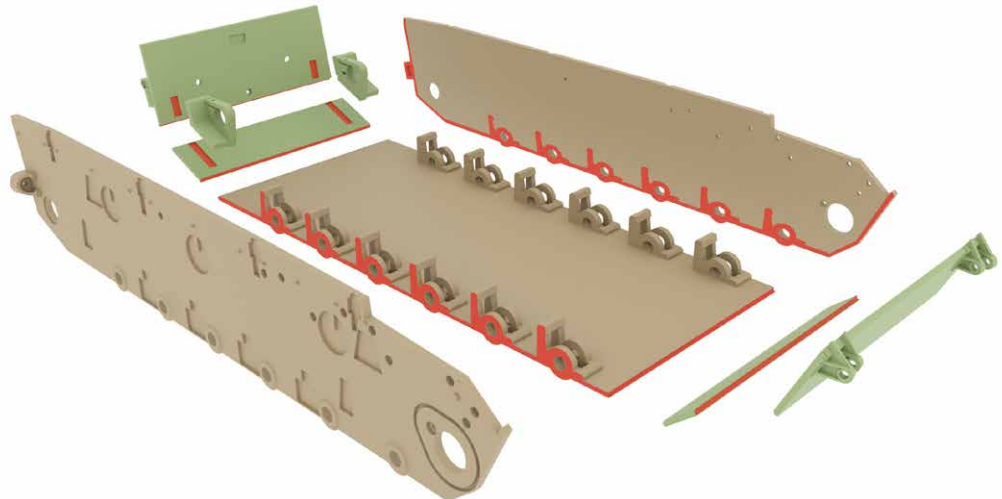
Files:
A–14–4x
A–15–FLEX–4x
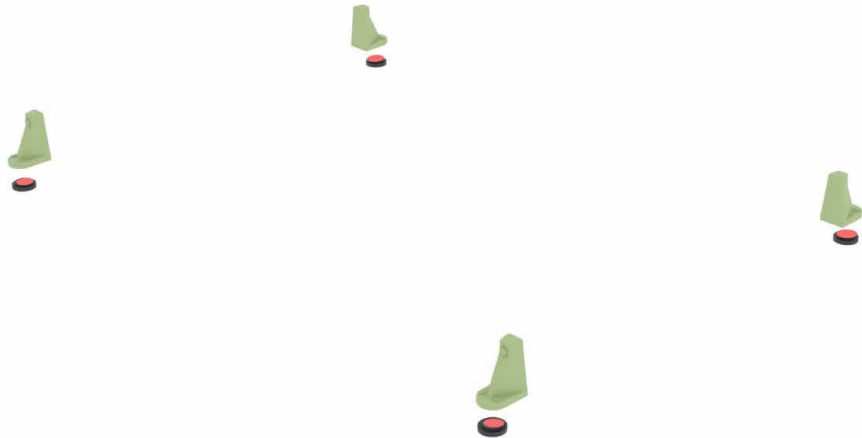
Files:
A–14–4x
A–15–FLEX–4x
A–16–8x
A–17–6x
A–18–4x
A–19–1–right–1x
A–19–1–left–1x
A–20–2x

M3 16mm 2x
Bearings–
12x21x5mm–2x
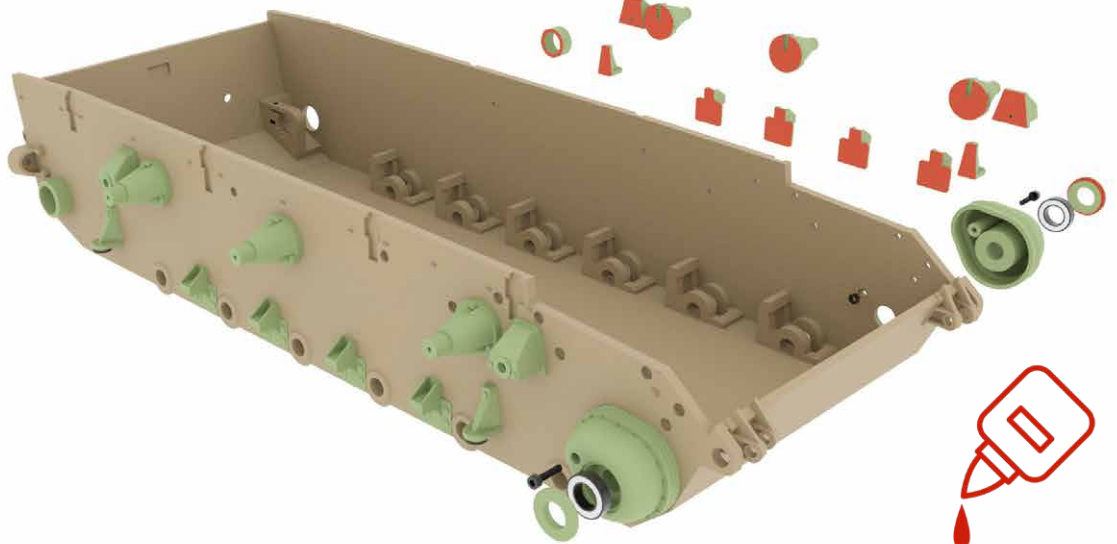
Files:
A–21–6x
A–22–6x
A–23–12x
A–24–FLEX–12x

M3 16mm 6x
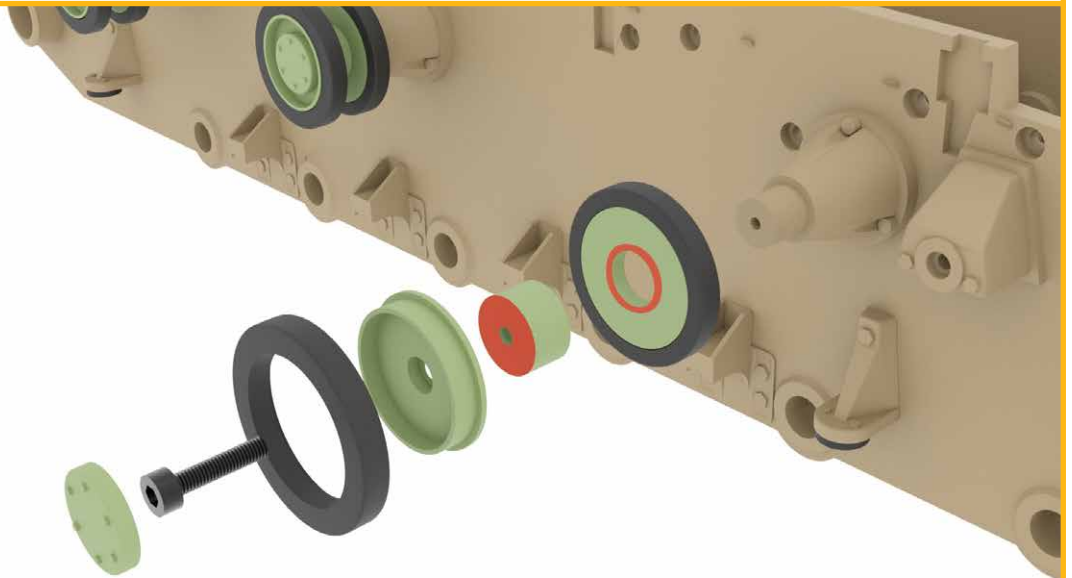
Files:
A–25–12x
A–26–12x
A–27–12x
A–28–12x
A–29–FLEX–12x

Ložiska
10x15x4 mm
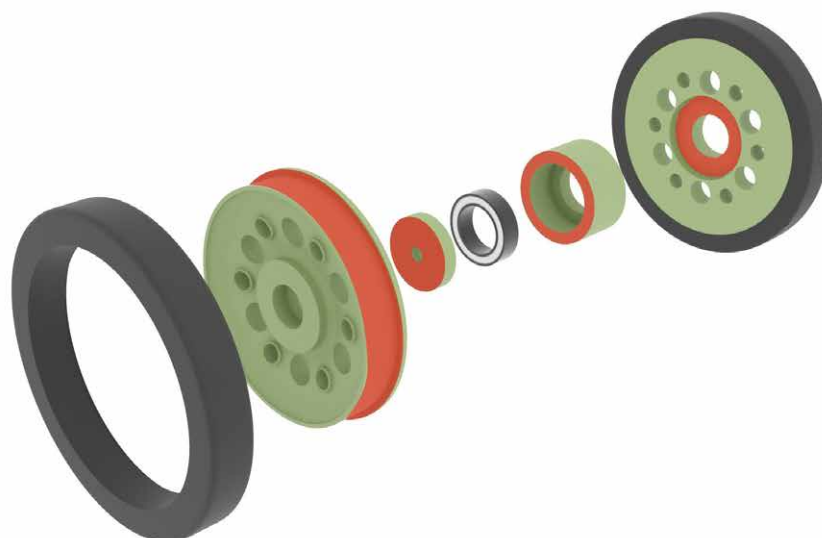
Files:
(A–25–12x, A–26–
12x,A–27–12x,A–
28–12x,A–29–
FLEX–12x)
A–30–12x
A–31–right–2x
A–31–left–2x
A–32–right–4x
A–32–left–4x
A–32–12x

Files:
A–33–4x
A–34–4x

Files:
A–35–right–6x
A–35–left–6x
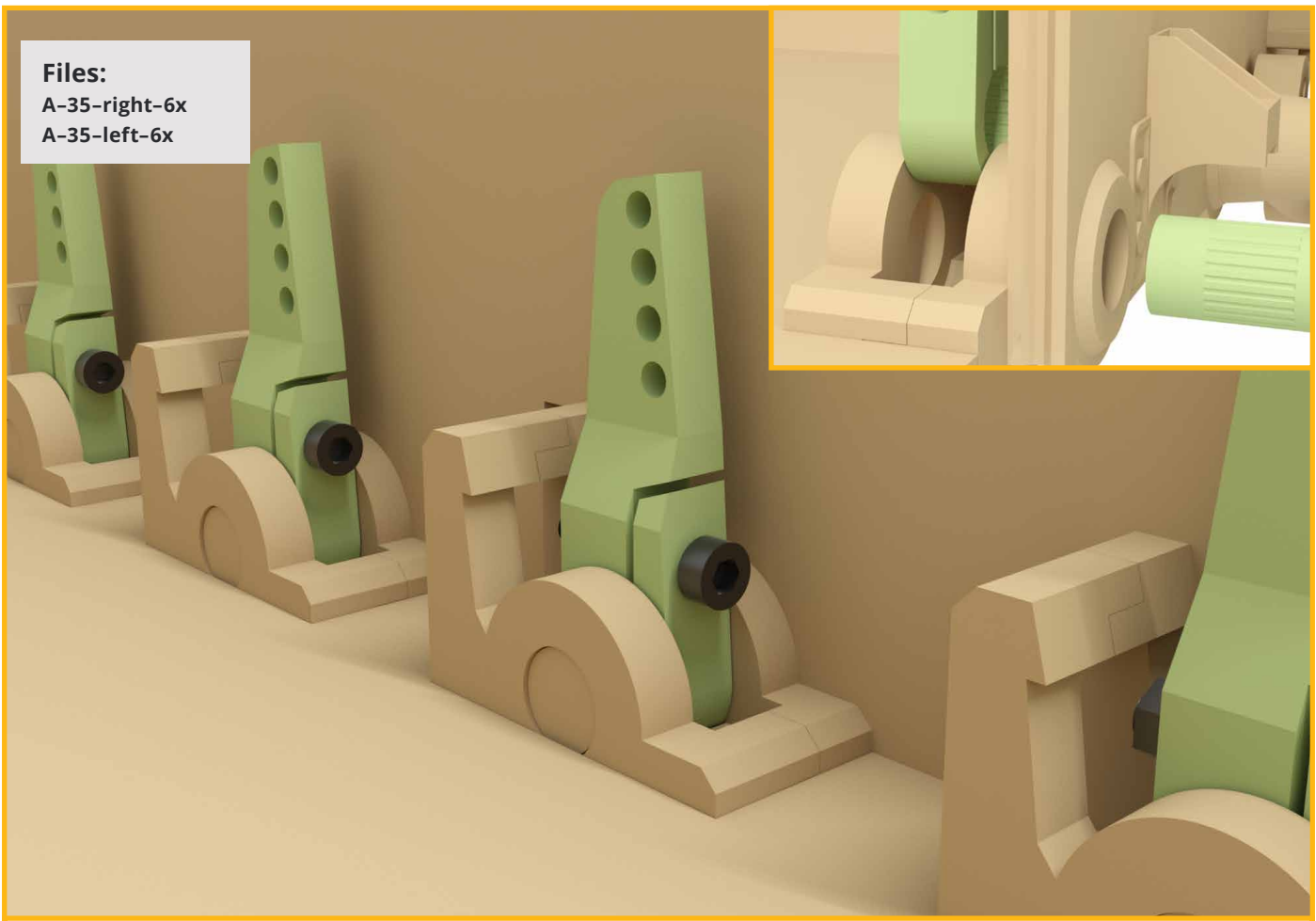
Files:
A–36–12x

Springs

Files:
A–37–2x
A–38–2x
A–39–2x
A–40–2x
A–41–2x
A–42–2x
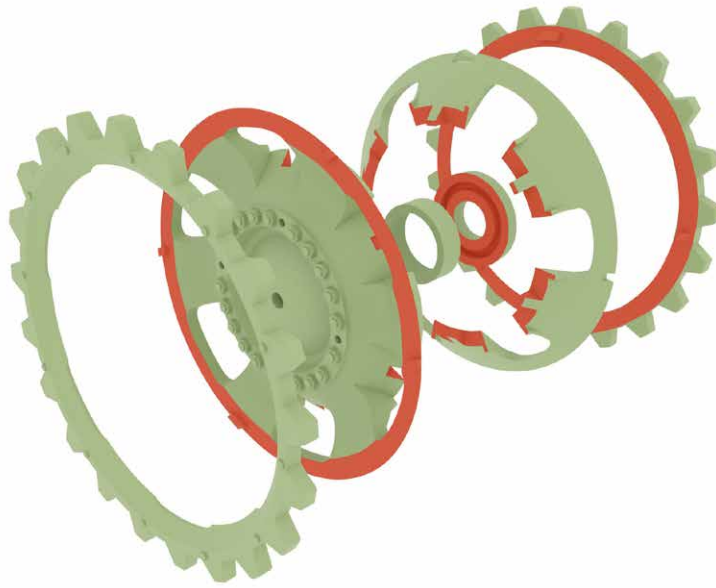
Files:
A–43–2x
A–44–4x
A–45–2x
A–46–2x
A–47–6x

Bearings
10x15x4 mm
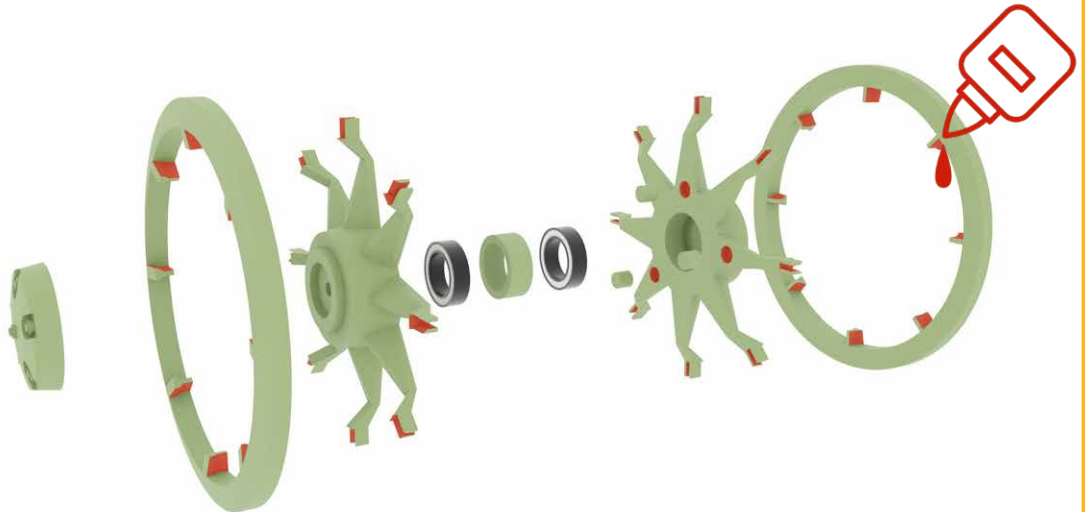
Files:
A–49–2x
A–50–left–1x
A–50–right–1x
A–51–2x
A–52–2x

Files:
A–48–2x
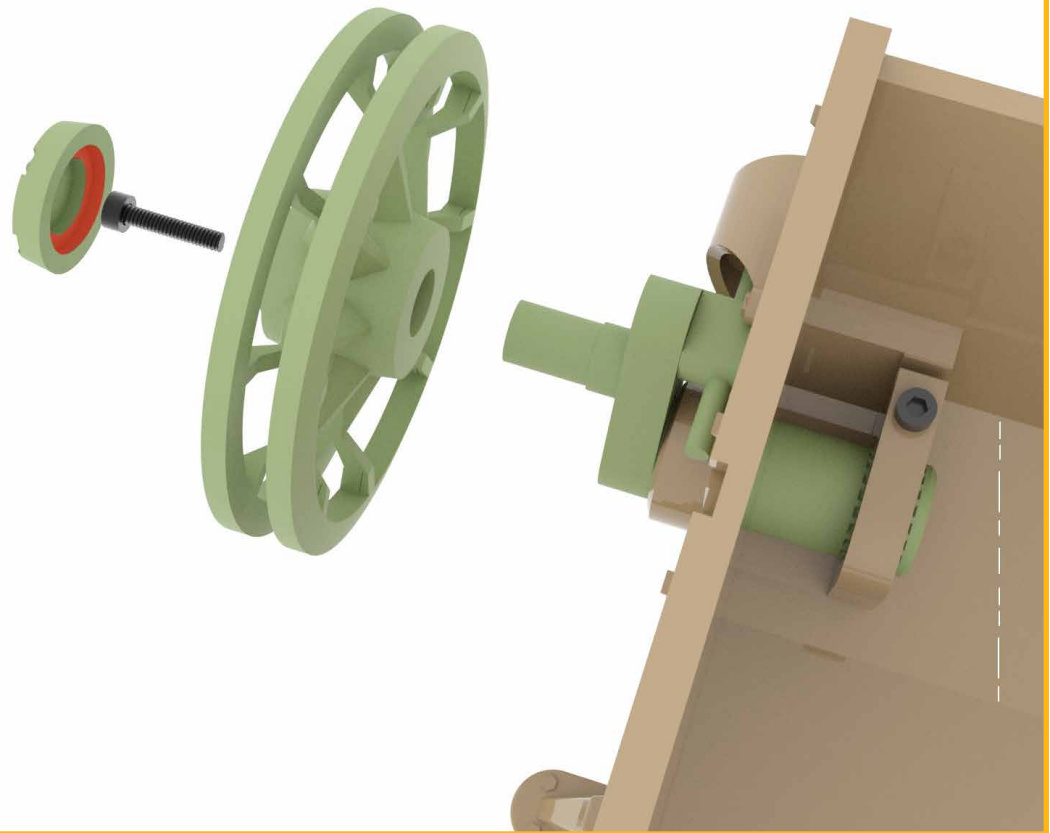
Files:
A–53–left–1x
A–53–right–1x
A–54–left–1x
A–54–right–1x
A–55–1x
A–56–1x
A–57–1x

P
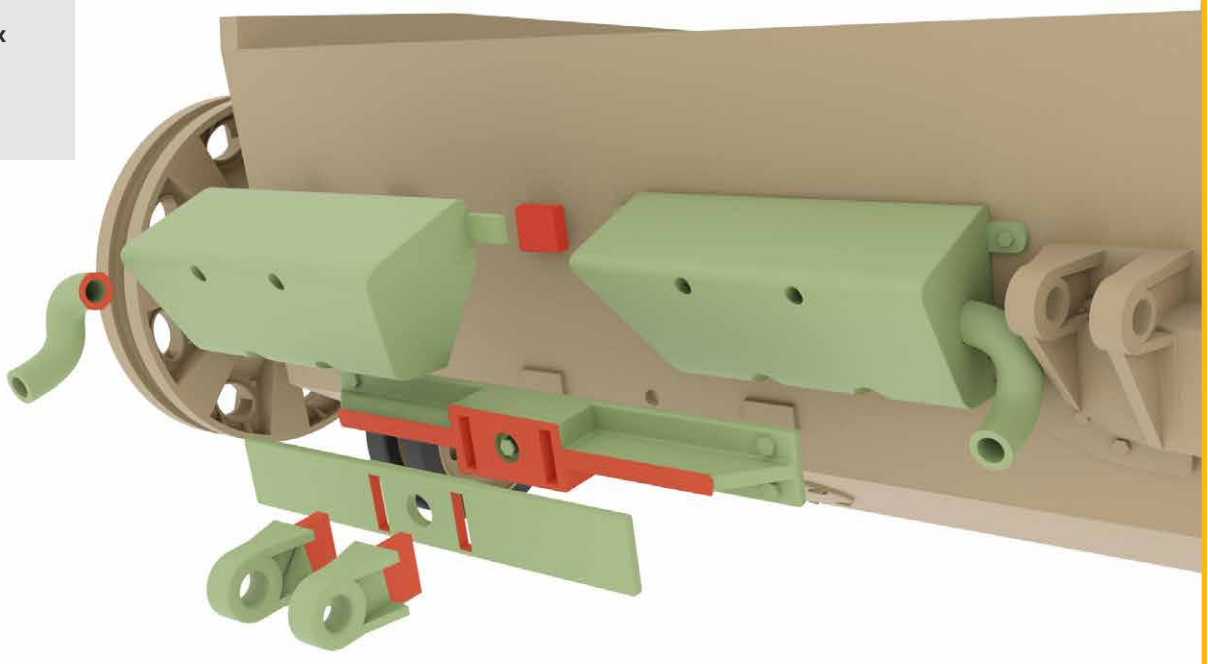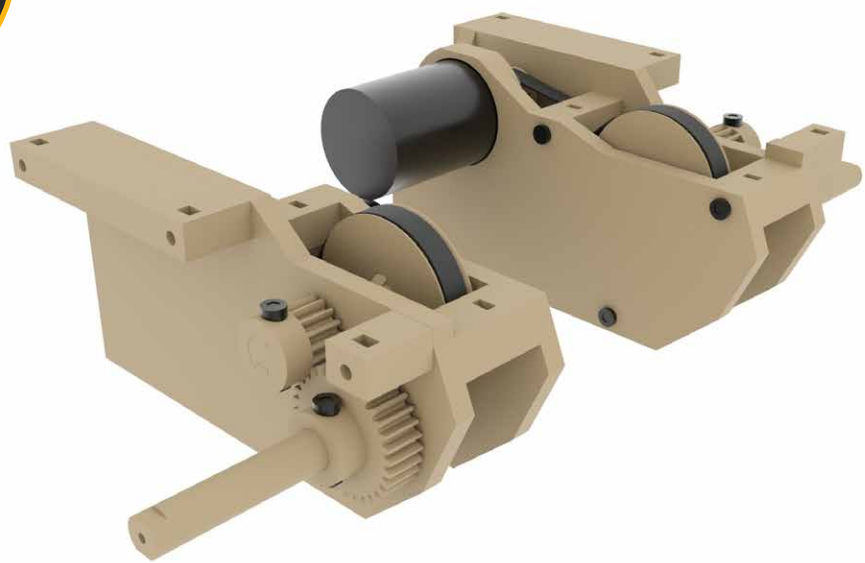
Files:
P–1–right–1x
P–1–left–1x
P–2–right–1x
P–2–left–1x
P–3–right–1x
P–3–left–1x
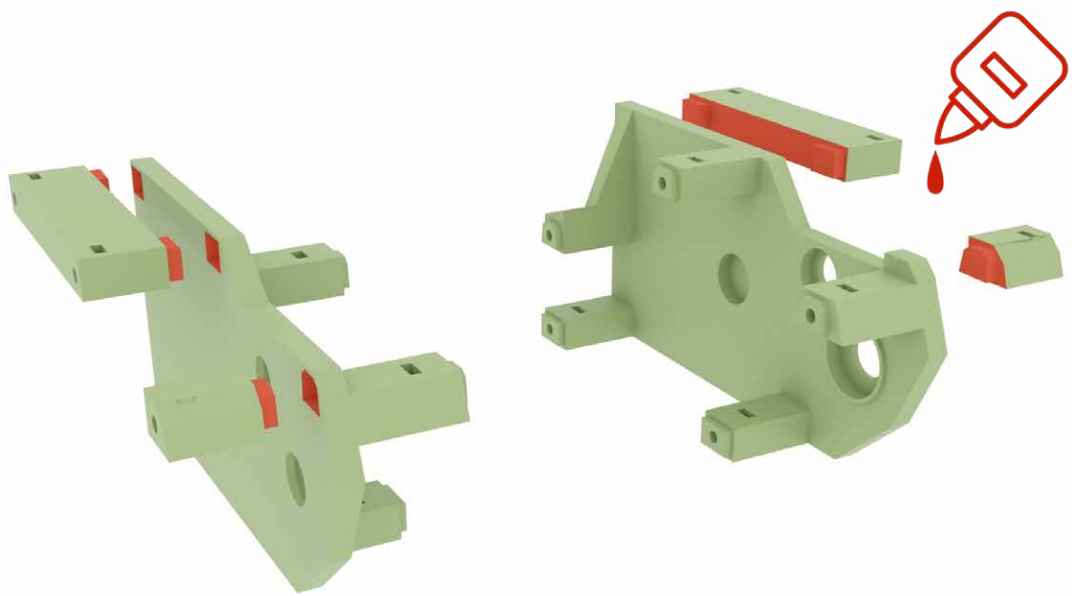
Files:
P–4–2x
P–5–2x
M3 16mm 2x
Bearings–
12x21x5mm–2x
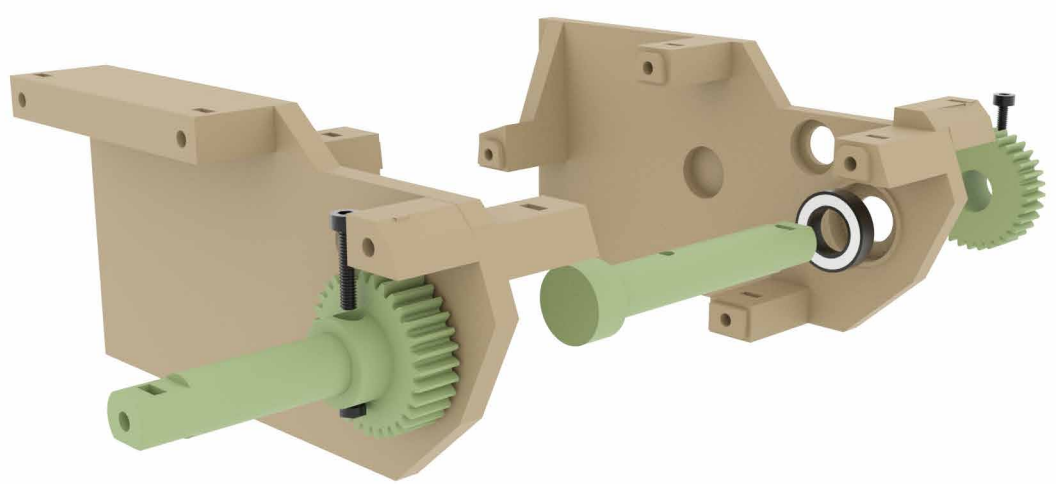
Files:
P–6–2x
P–7–2x
P–8–2x
P–9–2x
P–10–2x

Bearings–
10x15x4mm–4x
M3 16mm 2x
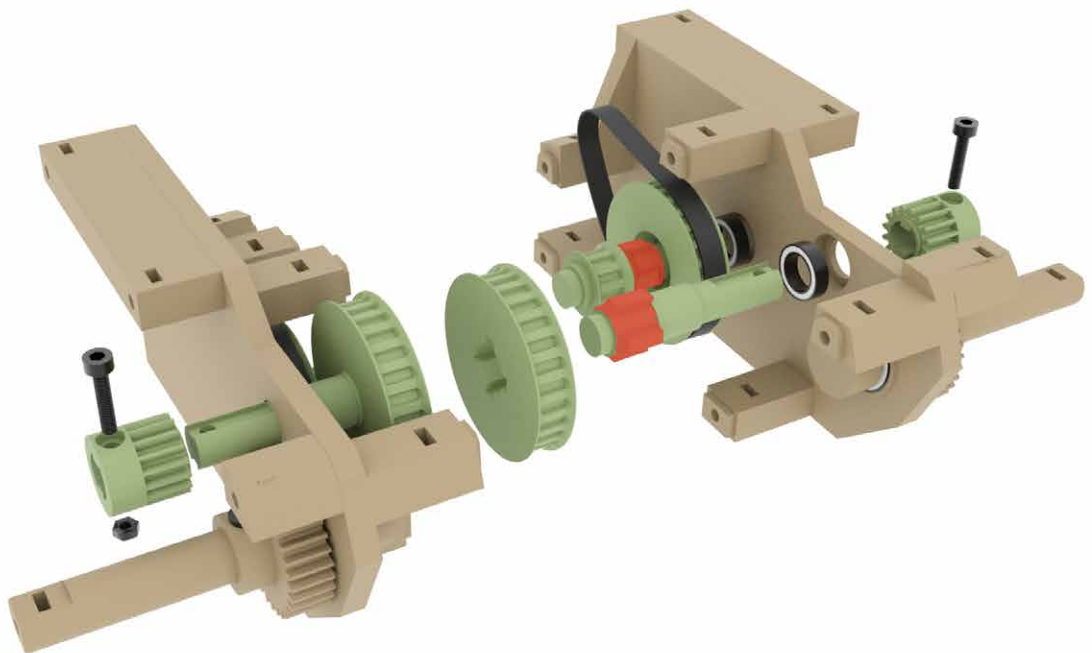
Files:
P–11–2x
P–12–right–1x
P–12–left–1x

M3 16mm 2x
Bearings
10x15x4mm–4x

P

Files:
M3 16mm 12x

B

Files:
B–5–2x
B–6–2x
B–7–2x
B–8–2x
B–9–1x
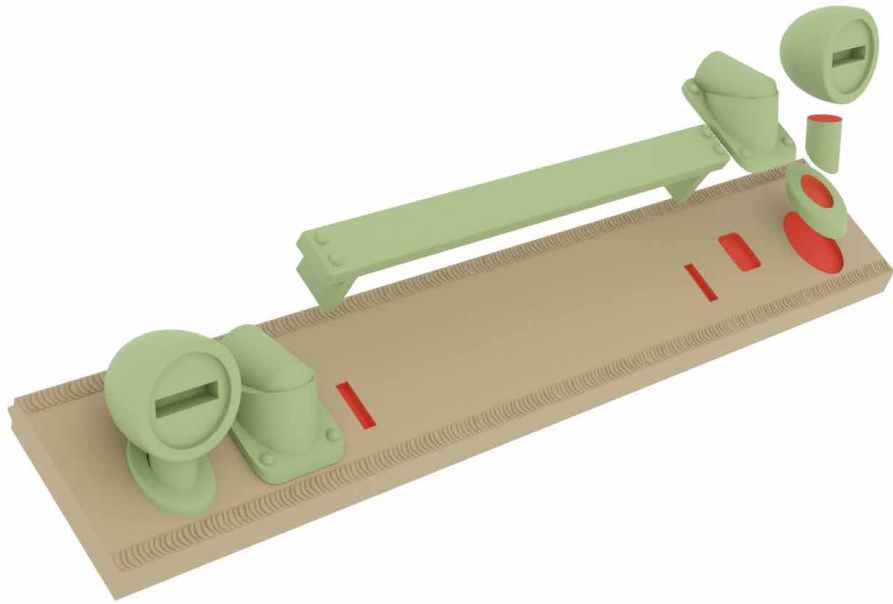
Files:
B–10–4x
B–11–4x
B–12–2x
B–13–1x

Wire 1mm
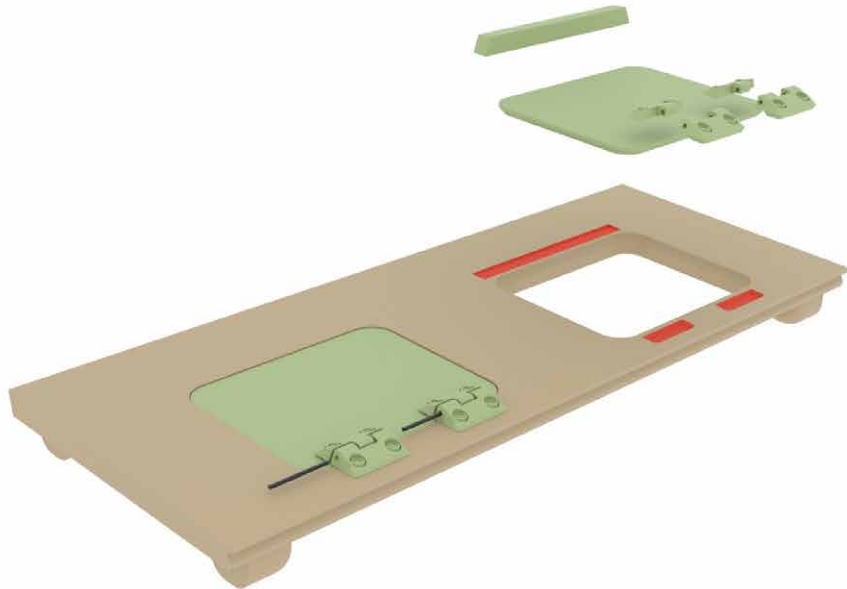
Files:
B–14–1x
B–15–1x
B–3–1–right–3x
B–3–1–left–3x
B–3–2–right–2x
B–3–2–left–2x
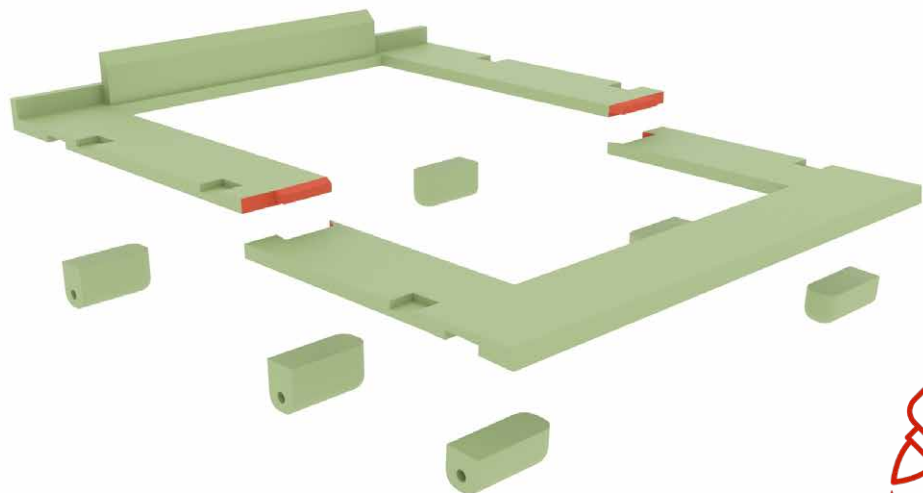
Files:
B–16–1x
B–17–1x
B–18–1x
B–19–1x
B–20–1x
B–21–1x

Files:
B–22–right–1x
B–22–left–1x
B–23–right–1x
B–23–left–1x
B–24–6x
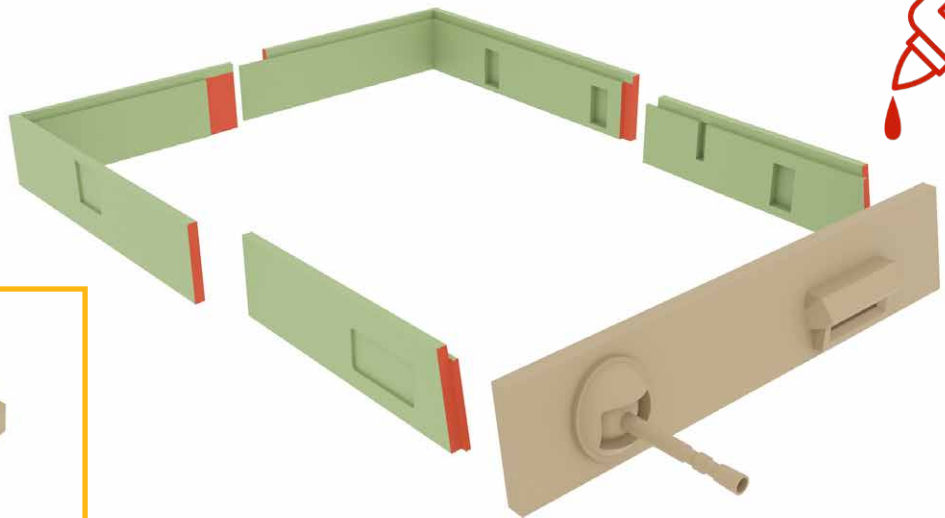
Files:
B–25–2x
B–26–1x
B–27–1x
B–28–2x
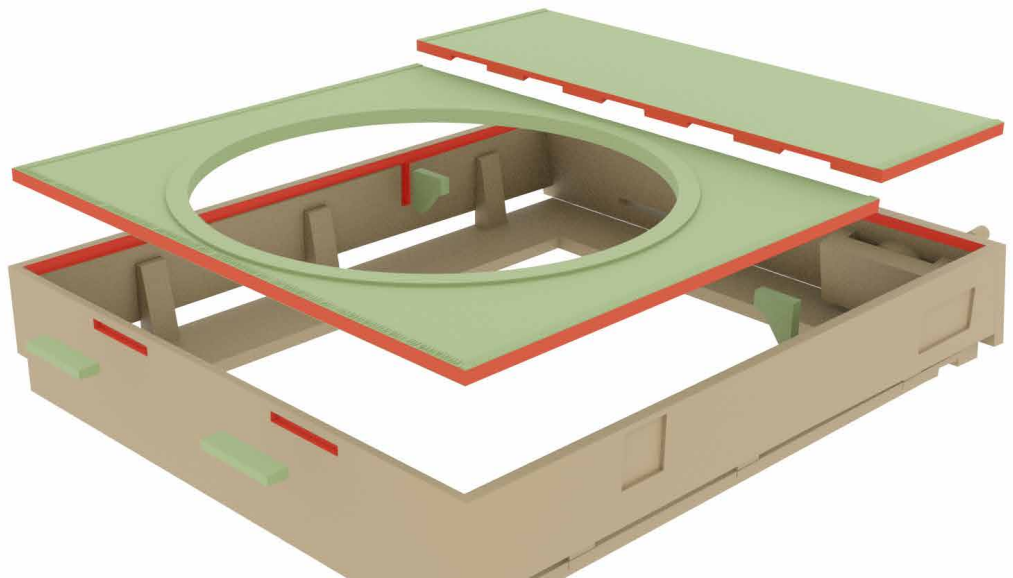
Files:
C–1–1x
C–2–1x
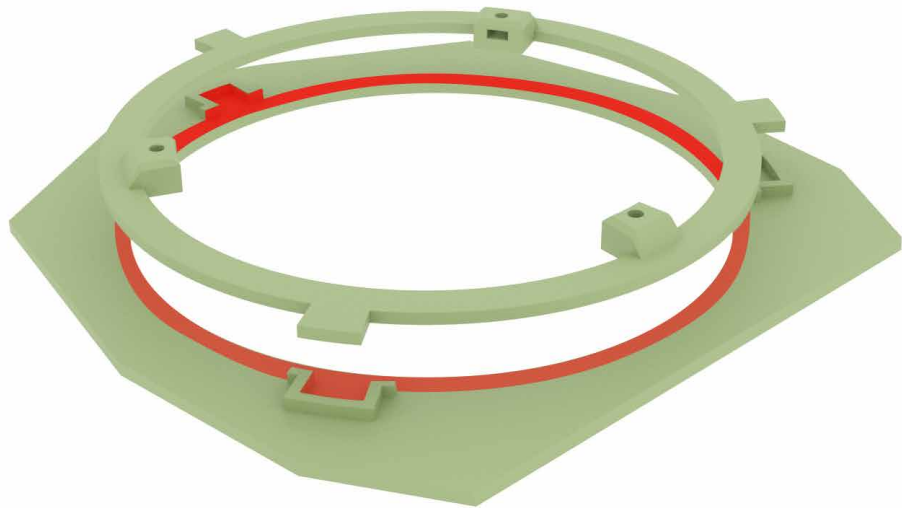
Files:
C–3–1x
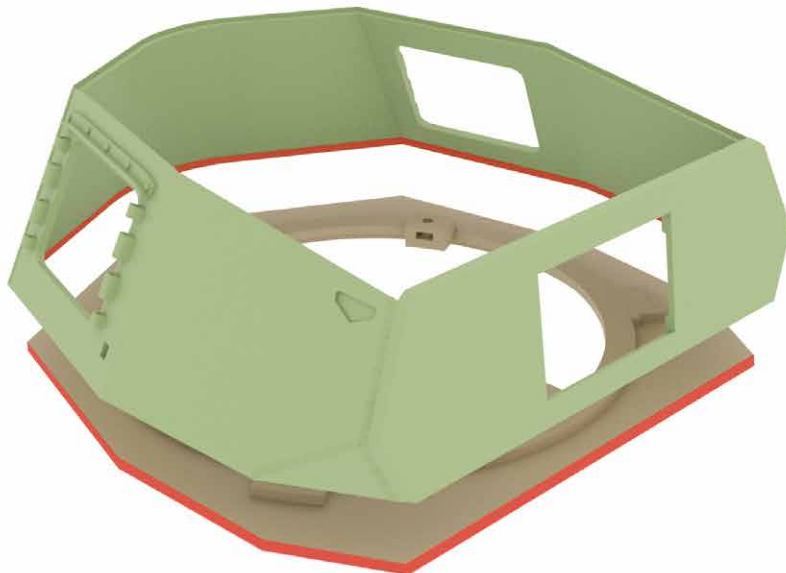
Files:
C–4–1–1x
C–4–2–1x
C–5–1x
C–6–right–1x
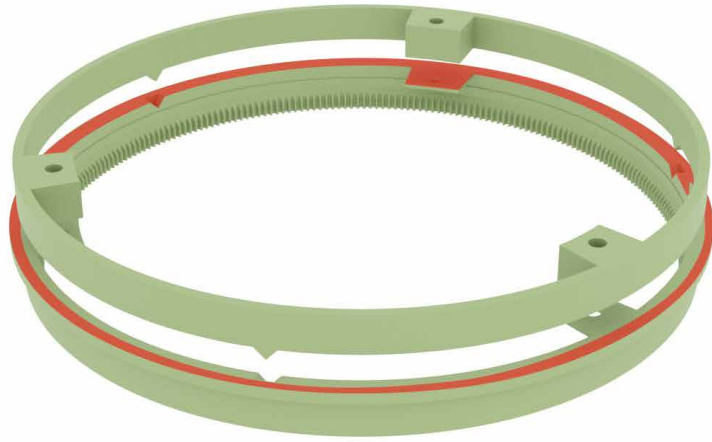C–6–left–1x
C–7–right–1x
C–7–left–1x
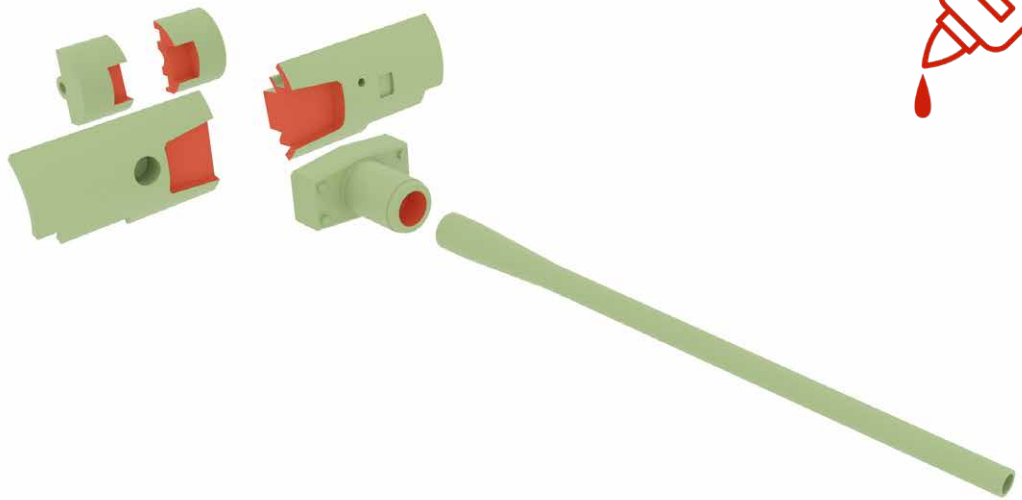
Files:
C–8–right–1x
C–8–left–1x
C–9–1x
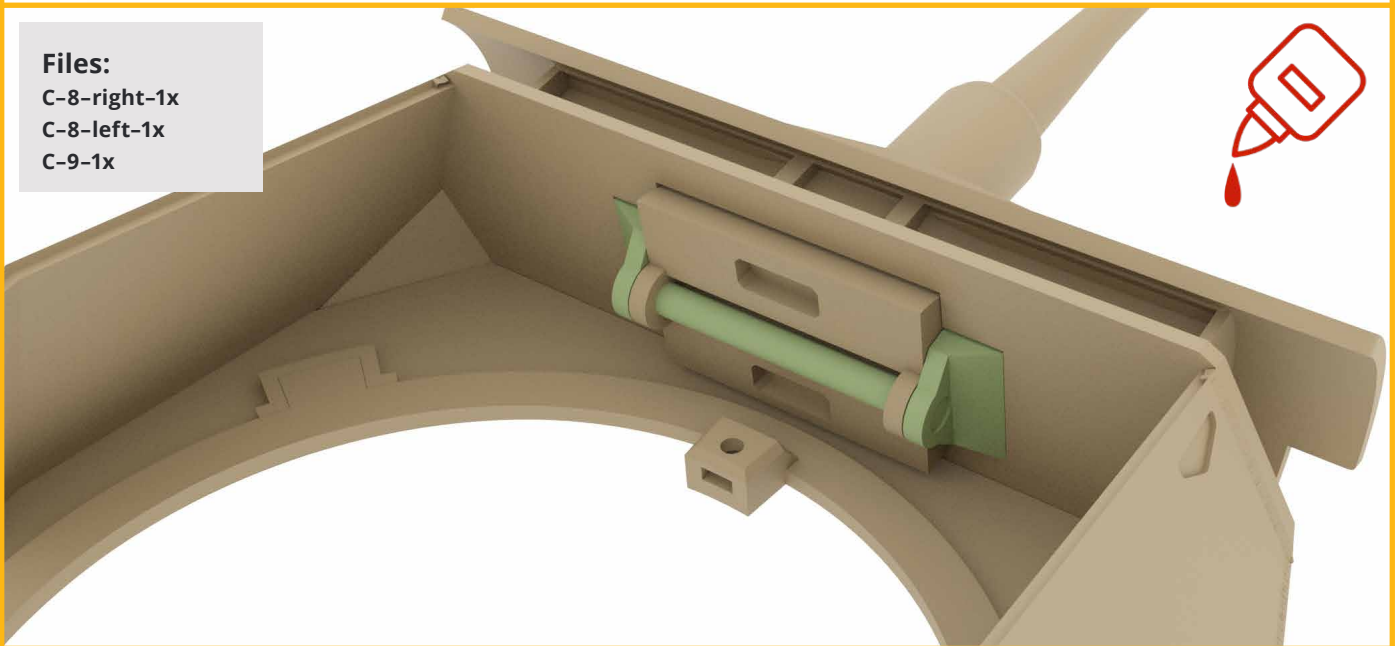
Files:
C–10–1x

Files:
C–11–1x
C–12–1x

Files:
B–23–2x
B–24–1x
B–25–1x
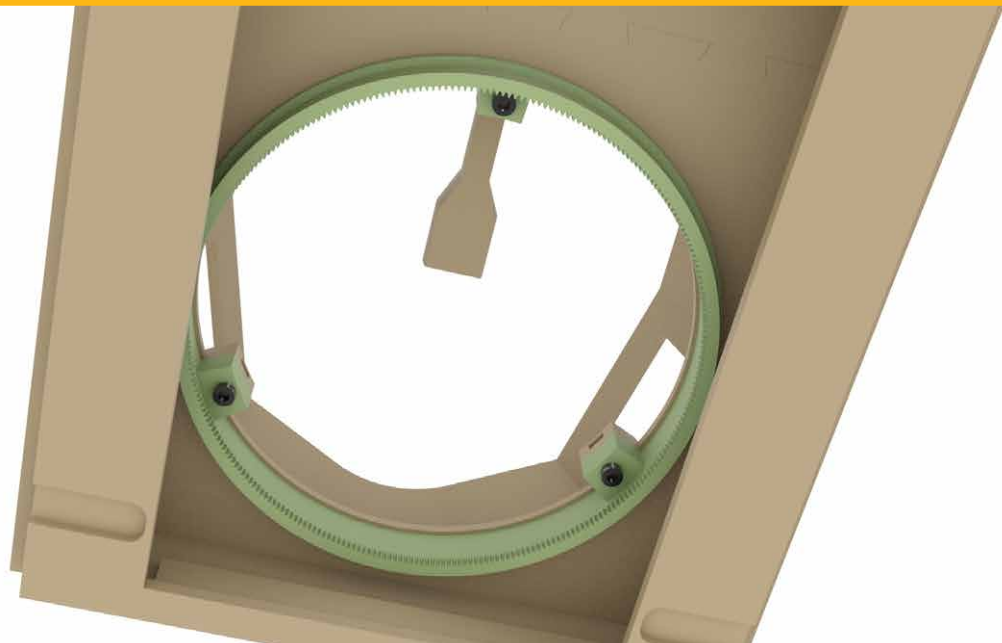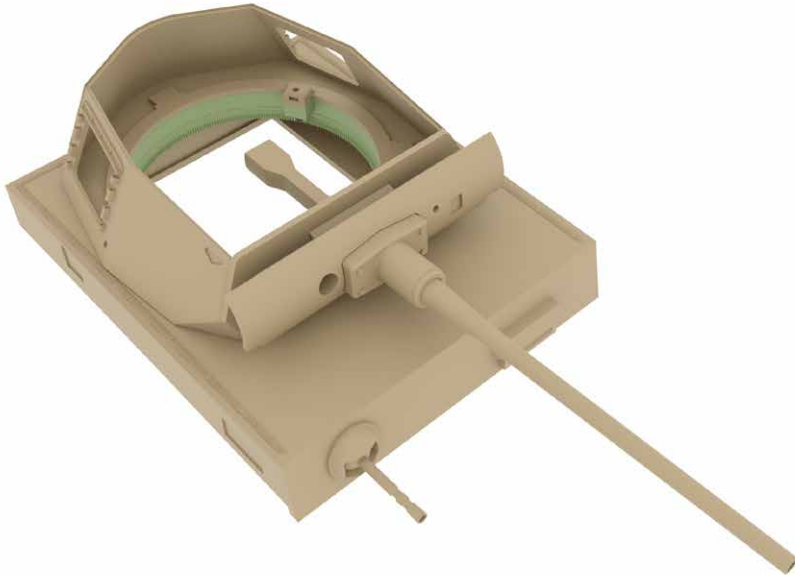
Files:
C–13–1x
C–14–1x
C–15–1x
C–16–1x
C–17–1x
C–18–1x
C–19–1x
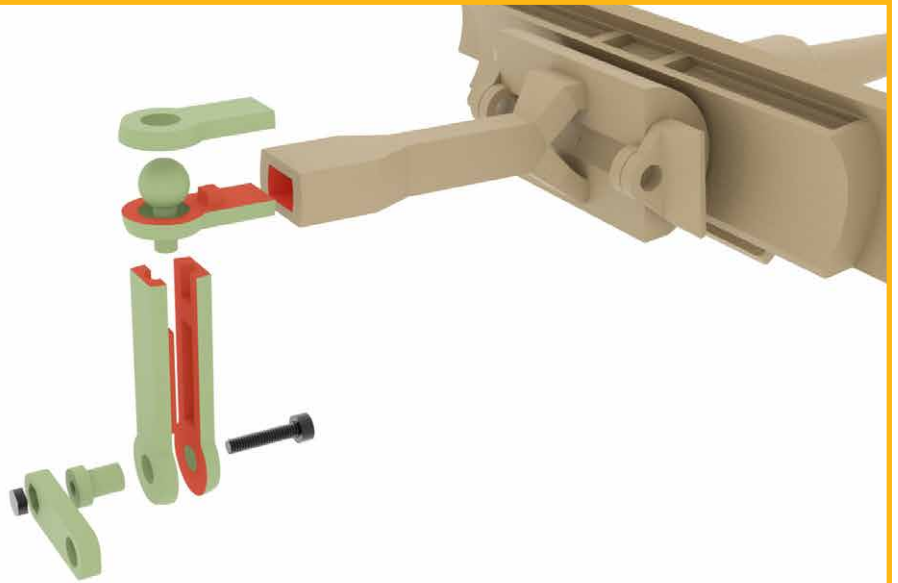
Files:
C–20–1x
C–21–1x
C–22–1x

Files:
C–23–1x
C–24–1x

C
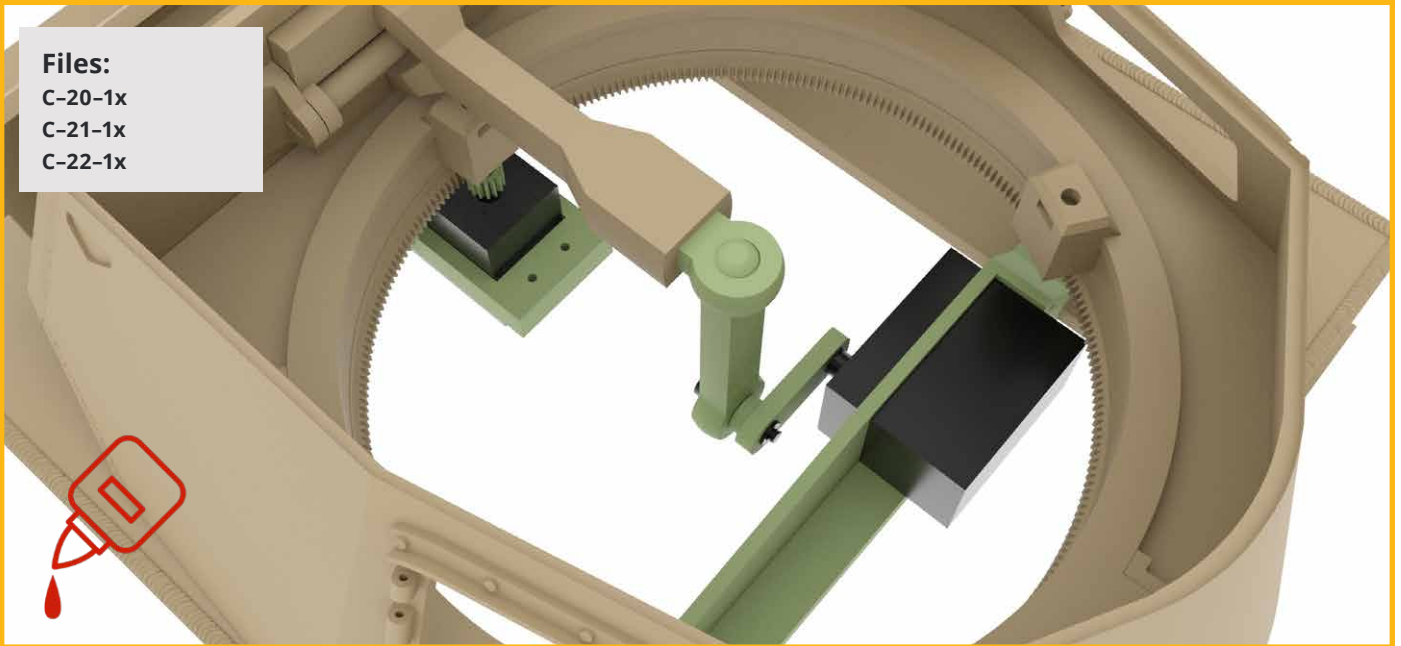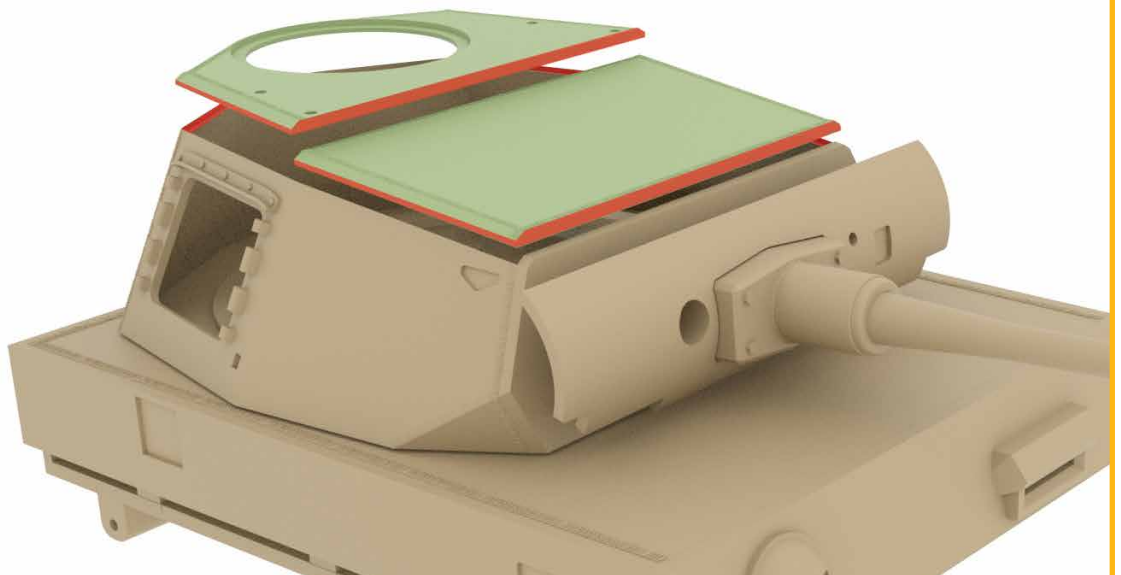
Files:
C–25–1x
C–26–1x
C–27–3x
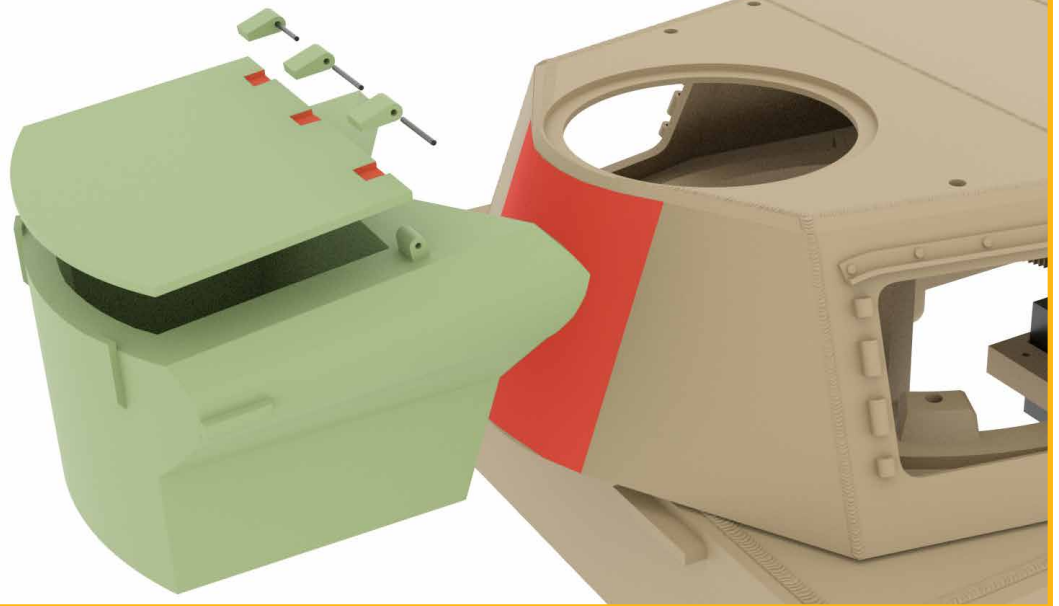
Files:
C–28–2ks
C–29–2ks
C–30–2ks
C–31–2ks
C–32–1ks
C–33–1ks
C–34–right–1ks
C–34–left–1ks
C–35–right–1ks
C–35–left–1ks
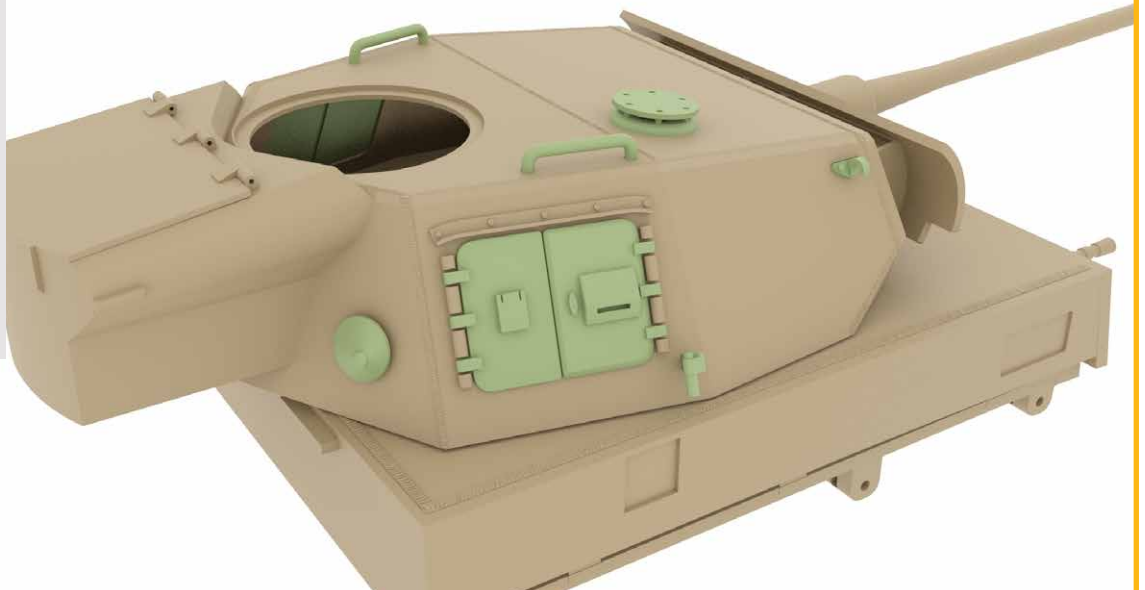
Files:
C–36–1x
C–37–1x
C–38–1x
C–39–1x
C–40–2x
C–41–1x

D

Files:
D–1–right–1x
D–1–left–1x
D–2–right–1x
D–2–left–1x
D–3–right–1x
D–3–left–1x
D–4–right–1x
D–4–left–1x
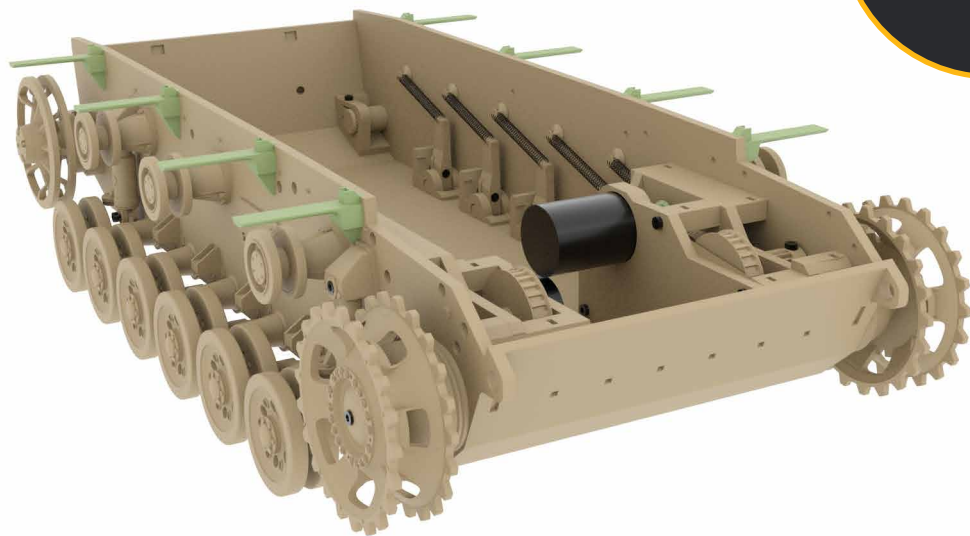
Files:
D–5–right–1x
D–5–left–1x
D–6–right–1x
D–6–left–1x
D–7–right–1x
D–7–left–1x
D–8–right–1x
D–8–left–1x
D–9–right–1x
D–9–left–1x
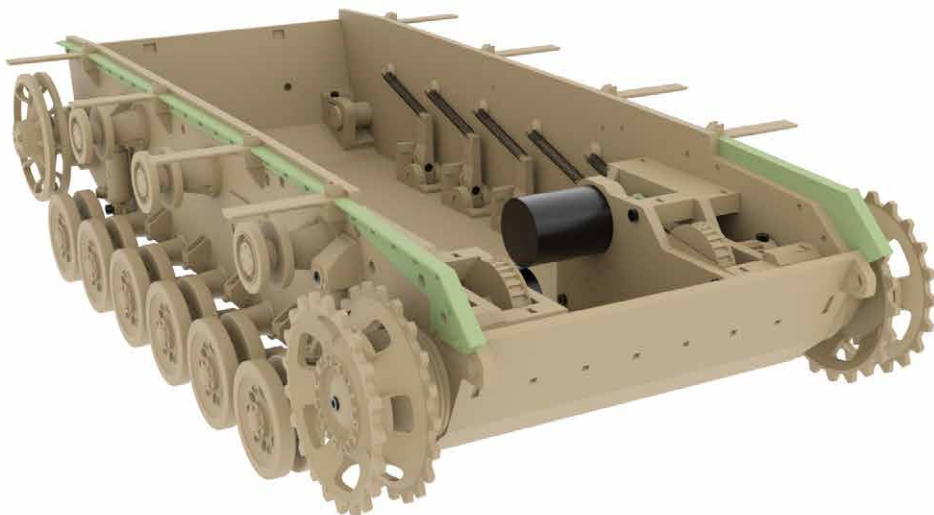
Files:
D–10–right–1x
D–10–left–1x
D–11–right–1x
D–11–left–1x
D–12–right–1x
D–12–left–1x

D

E

E
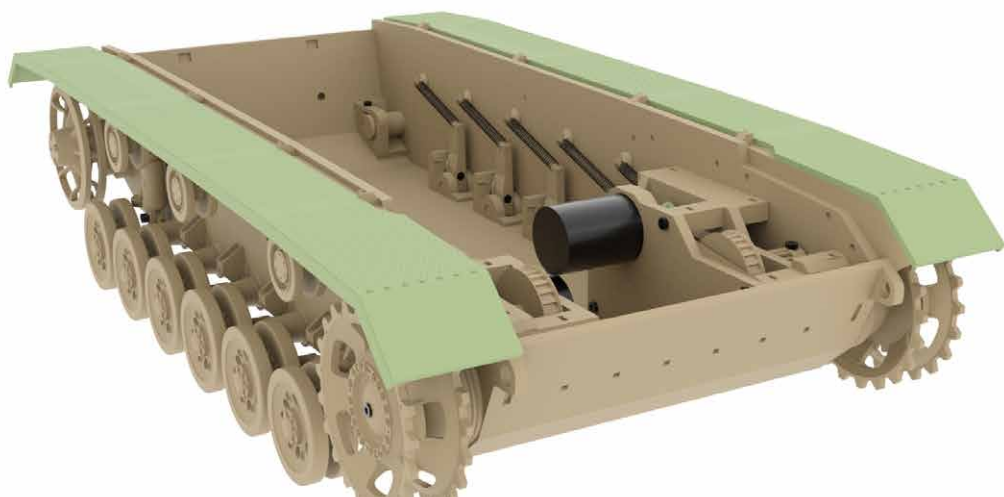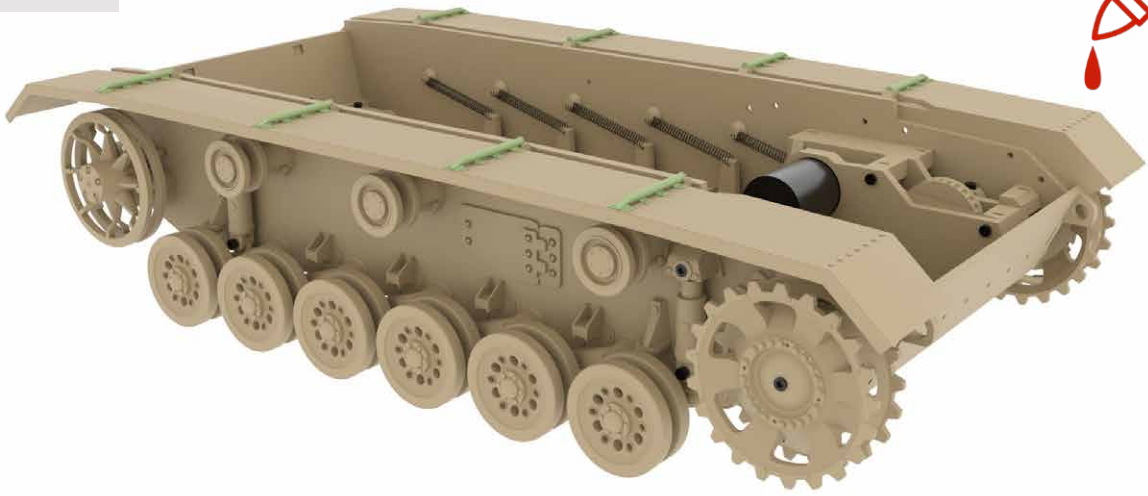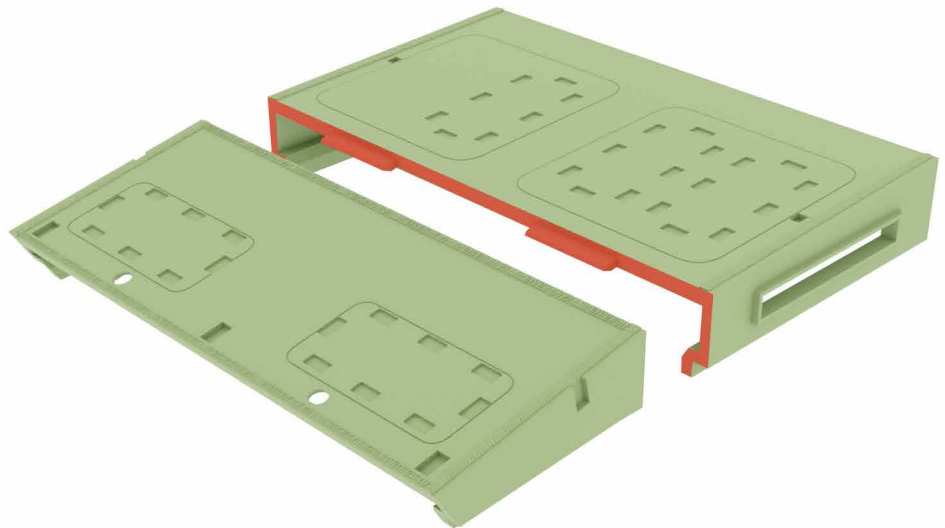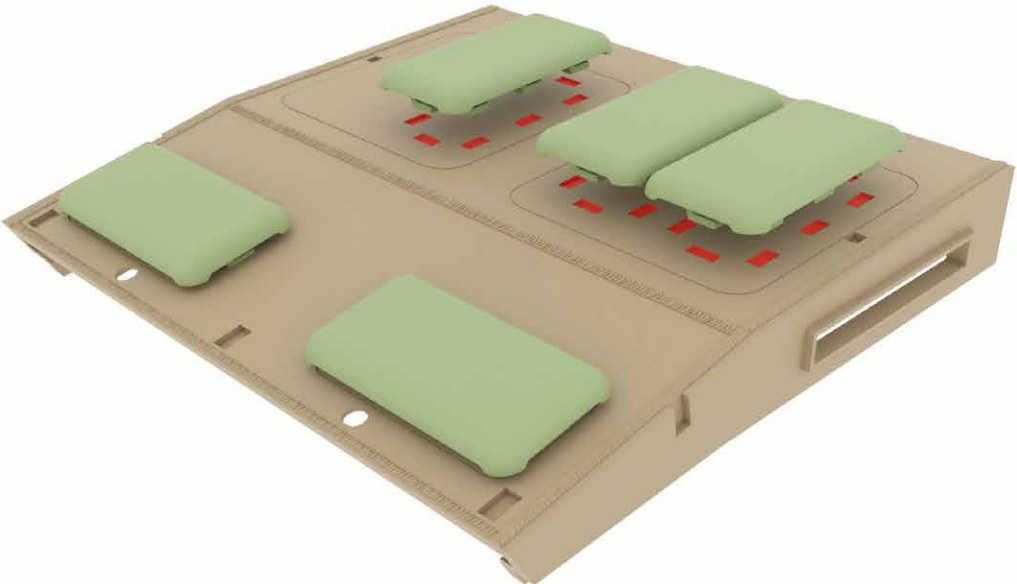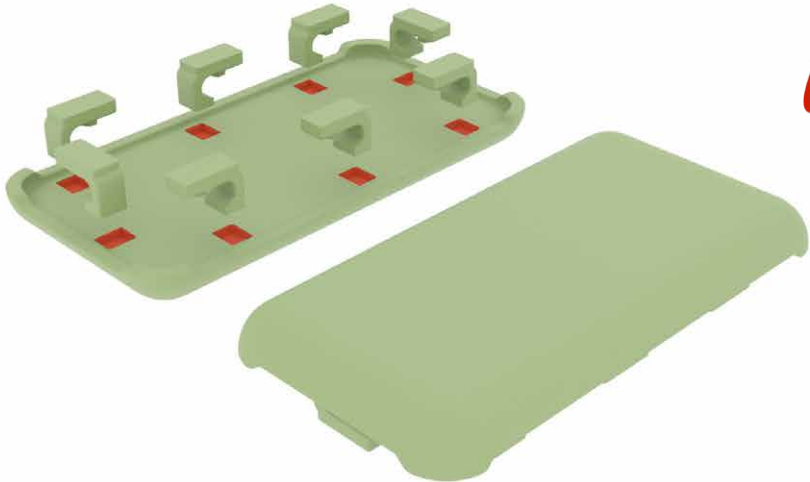
Files:
E–3–5x
E–4–40x

Files:
E–5–right–1x
E–5–left–1x
E–6–2x
E–7–right–1x
E–7–left–1x
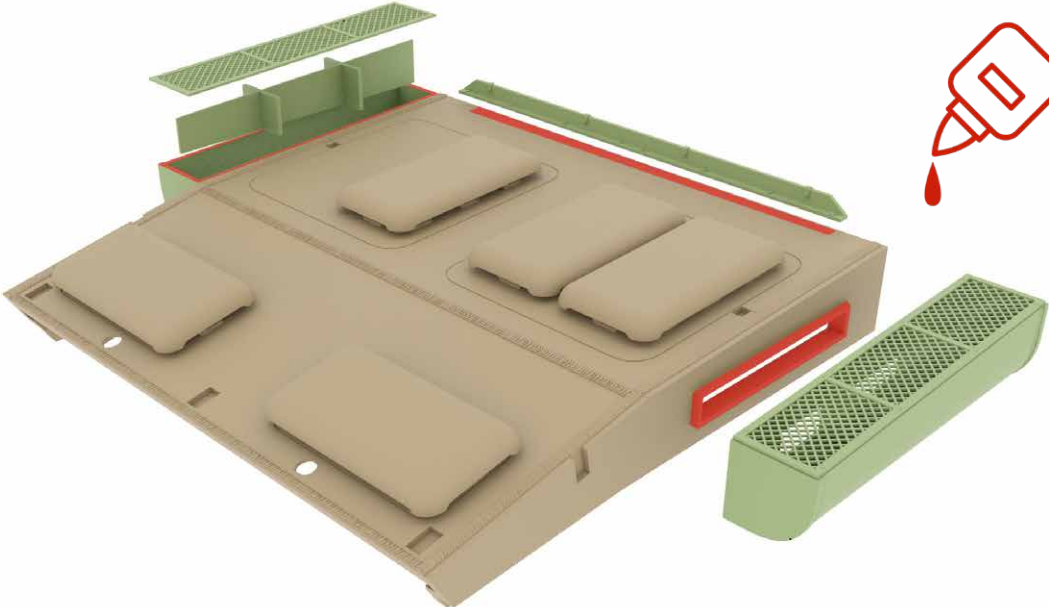
Files:
E–7–2x

Files:
E–9–1–1x
E–9–2–1x
E–9–3–2x
E–10–1x
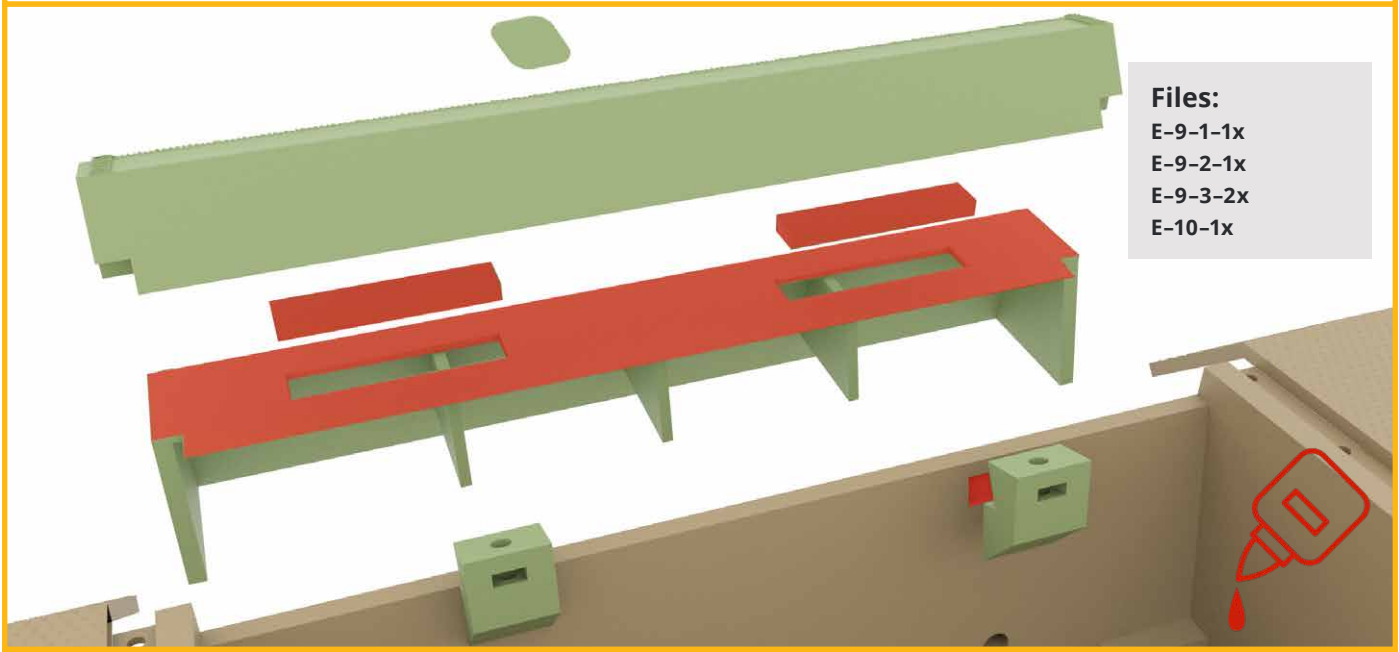
Files:
F–1–1x
F–2–1x
F–3–1x
F–4–1x
F–5–2x

Files:
F–6–5x
F–7–right–1x
F–7–left–1x
F–8–right–1x
F–8–left–1x
F–9–3x
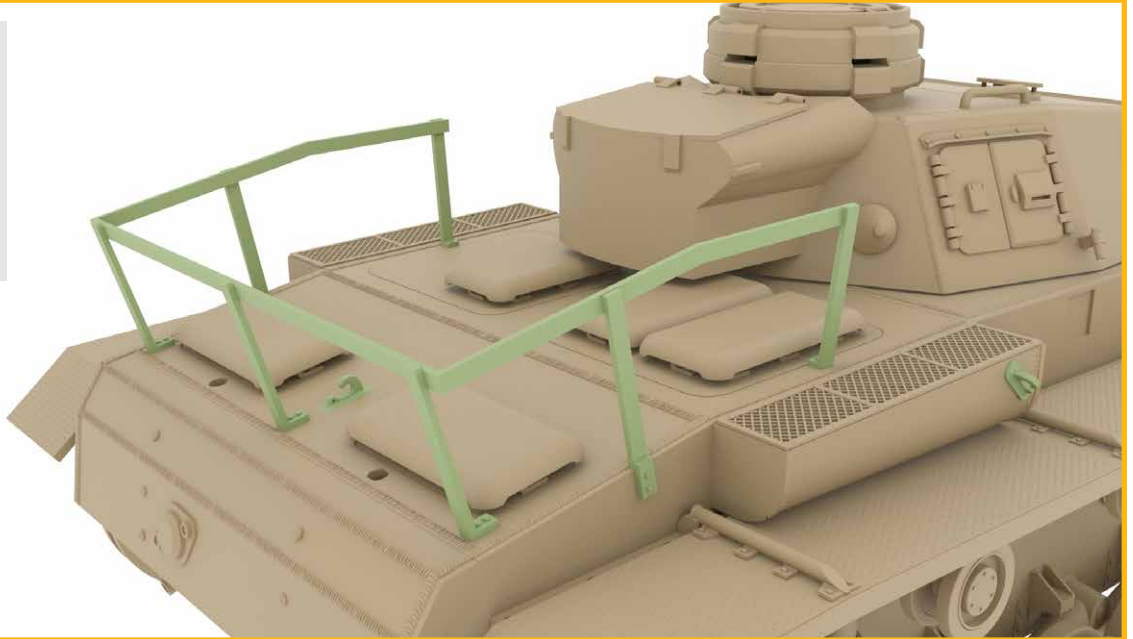
Files:
F–10–2x   G–1–19x
F–11–1x   G–2–19x
F–12–2x
F–13–1x
F–14–2x
F–15–1x
F–16–1x
F–17–1x
F–18–1x
F–19–1x
F–20–1x
F–21–1x
F–22–1x
F–23–1x
F–24–1x
F–25–1x
F–26–1x

Files:
G–1–188x
G–2–188x
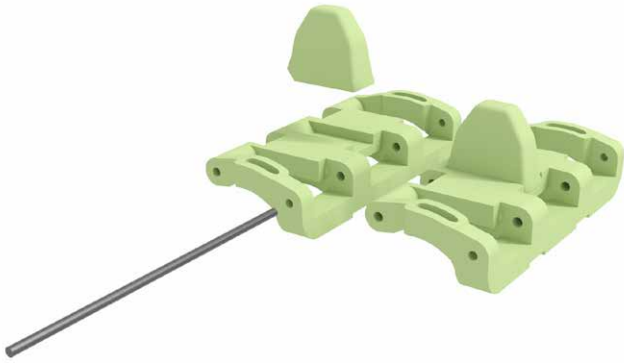
Files:
G–3–right–94x
G–3–left–94x
G–2–188x

autor: *Petr Školař*

web: *www.3dtiks.store*

e-mail: *3dtisk@gpstudio.cz*

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e-mail: **3dtisk@gpstudio.cz**