

KARTONOWE  
**ABC** 14'2001  
ISSN 1428 - 4618

# K5 (E) LEOPOLD

# GPM<sup>®</sup>

<http://www.gpm.pl>

NR KAT. **187**

SERIA „L”

STOPIEŃ  
TRUDNOŚCI

1

2

3

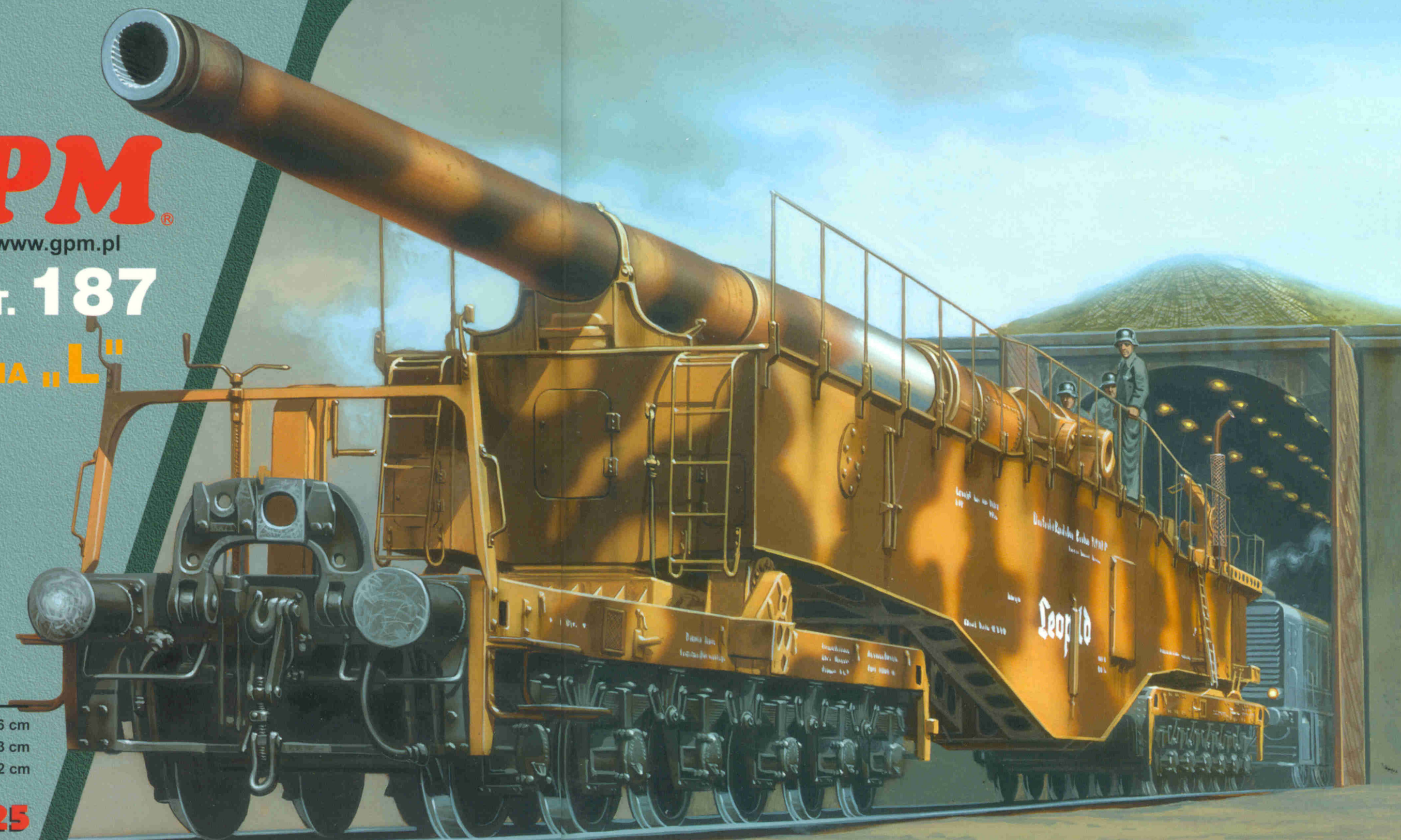
WYMIARY MODELU

DŁUGOŚĆ ..... 126 cm

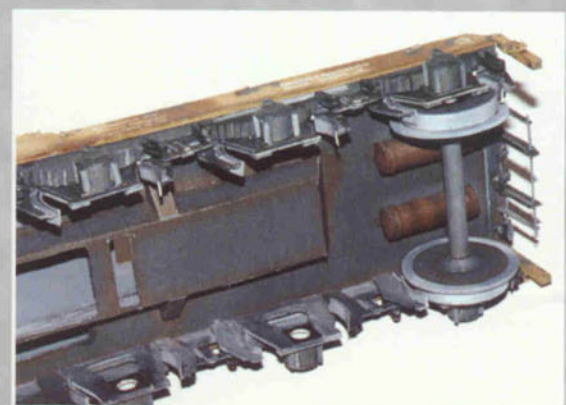
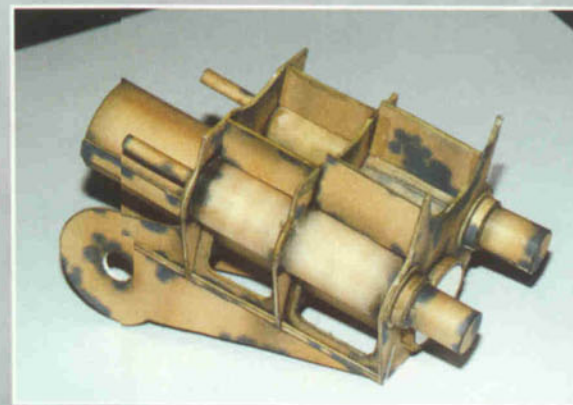
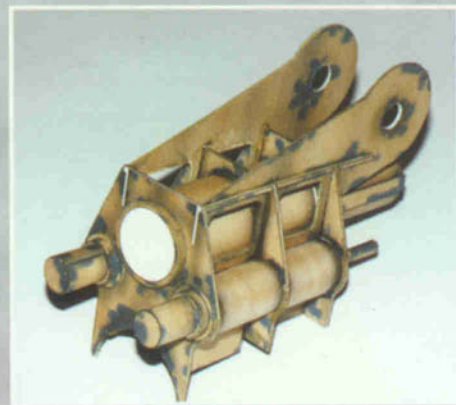
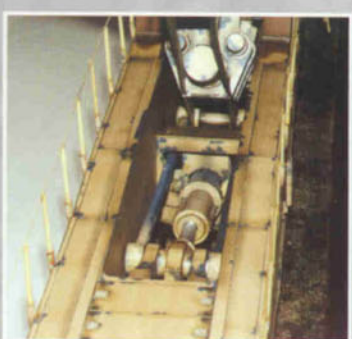
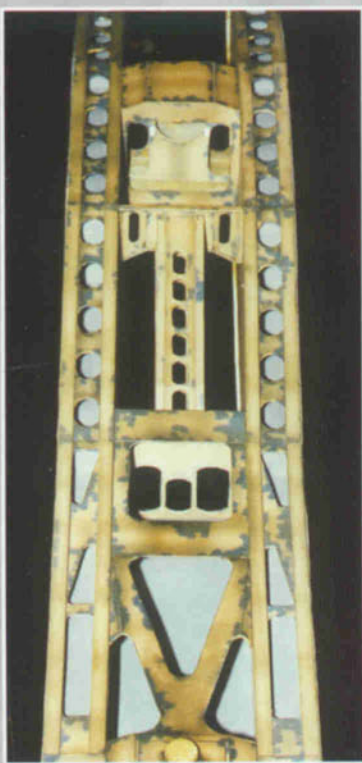
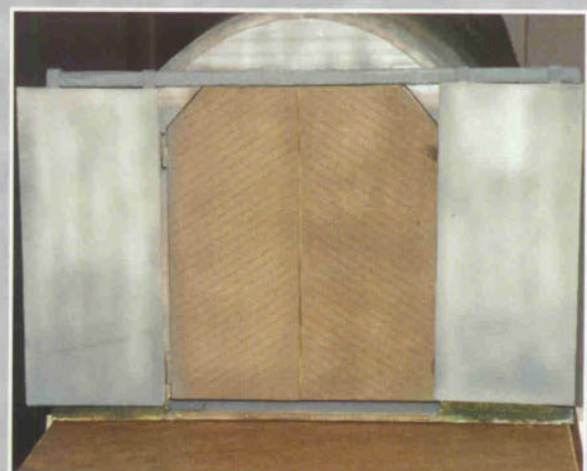
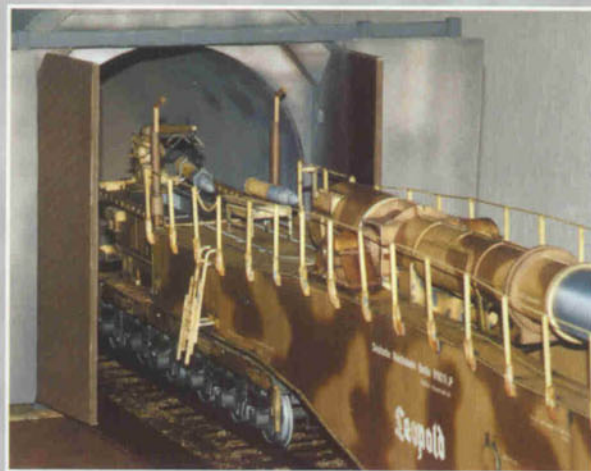
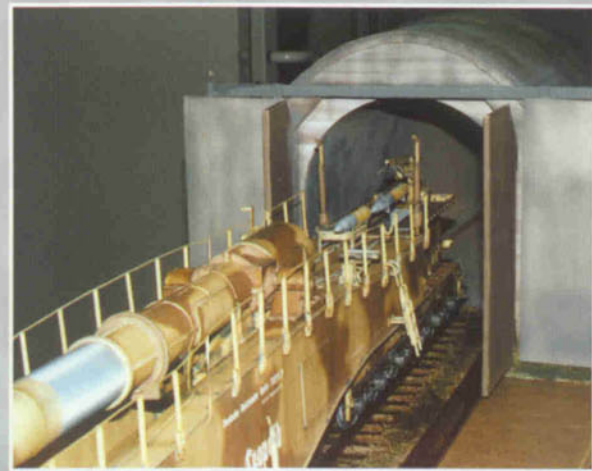
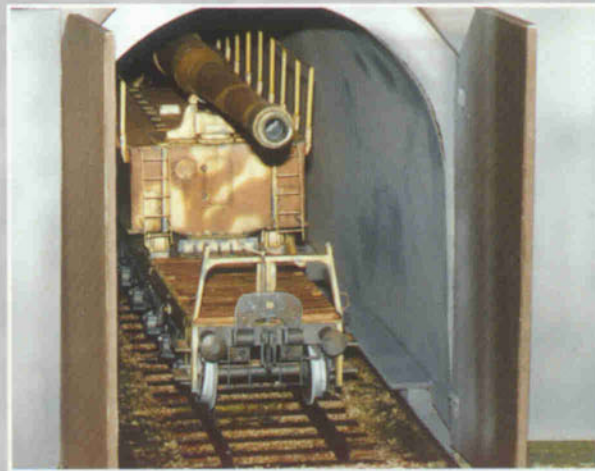
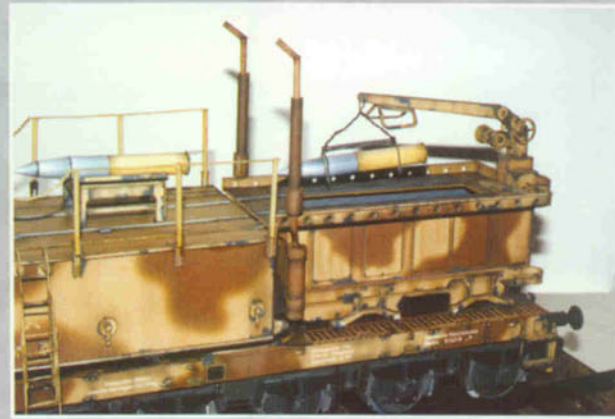
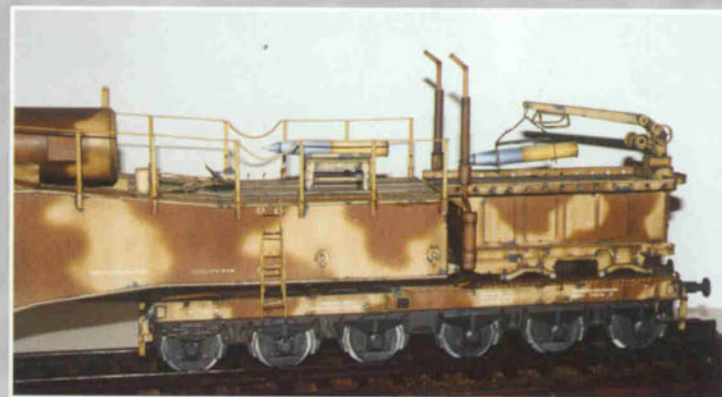
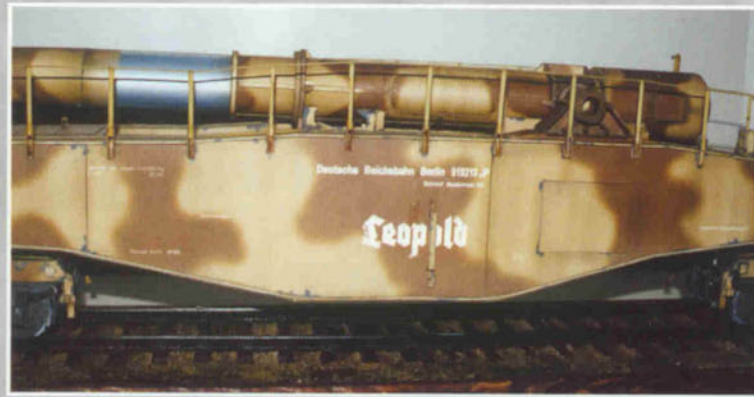
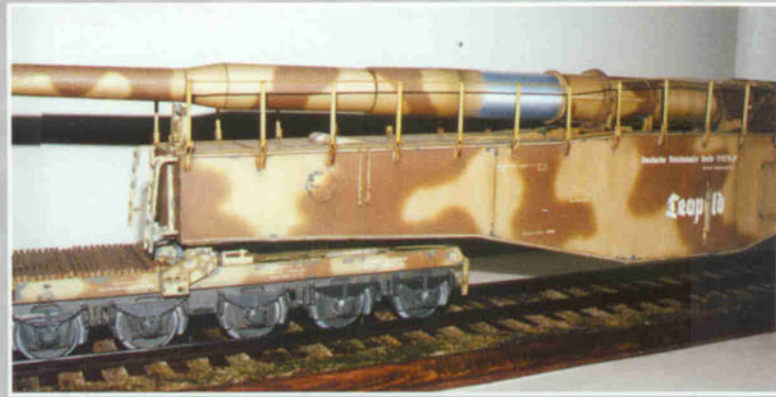
SZEROKOŚĆ ..... 13 cm

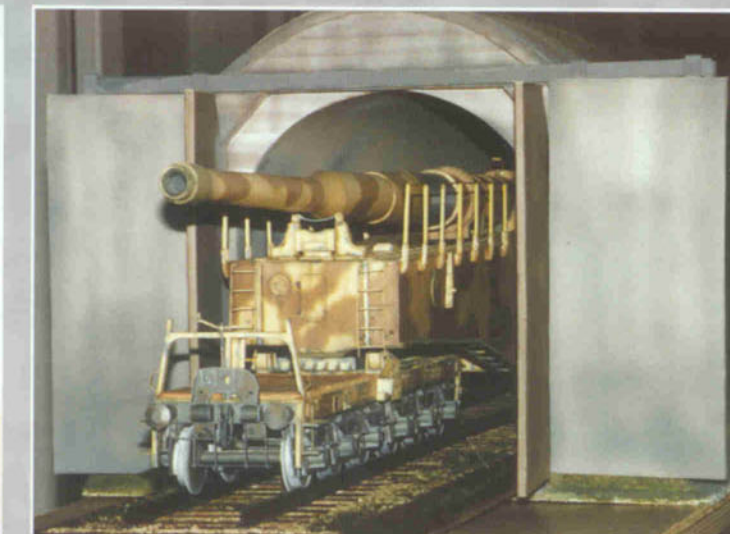
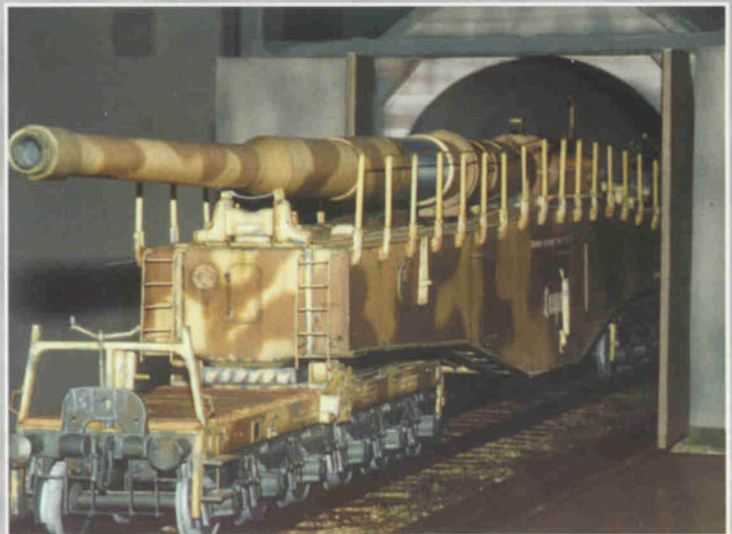
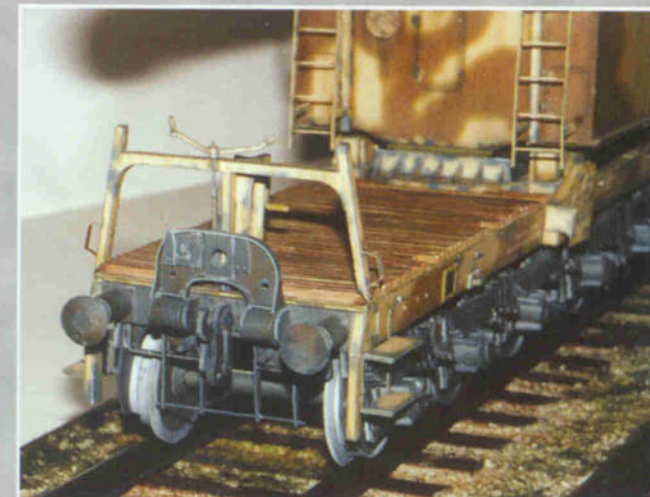
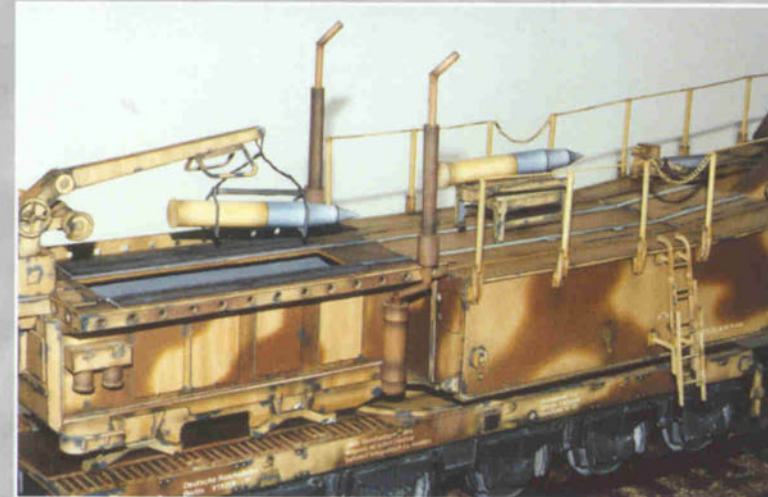
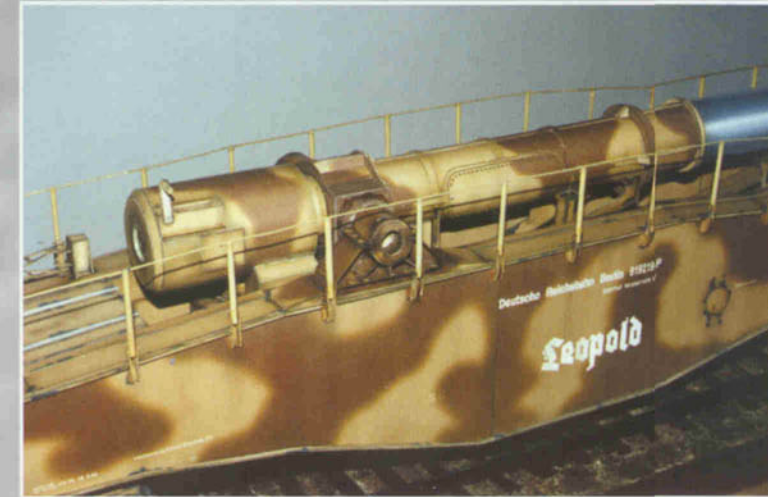
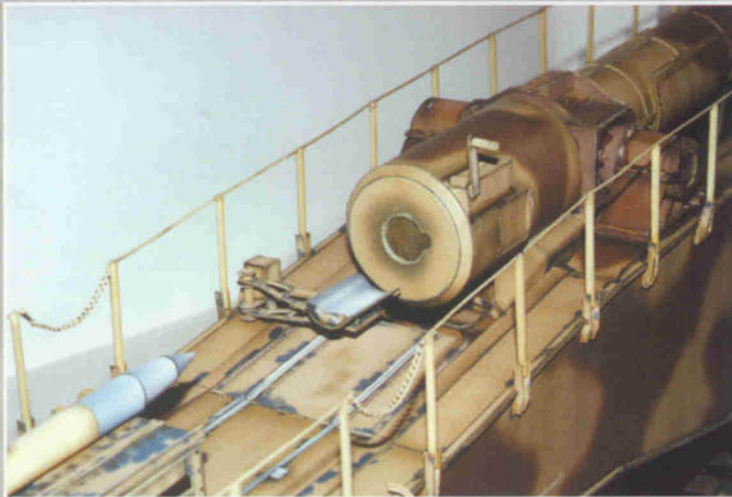
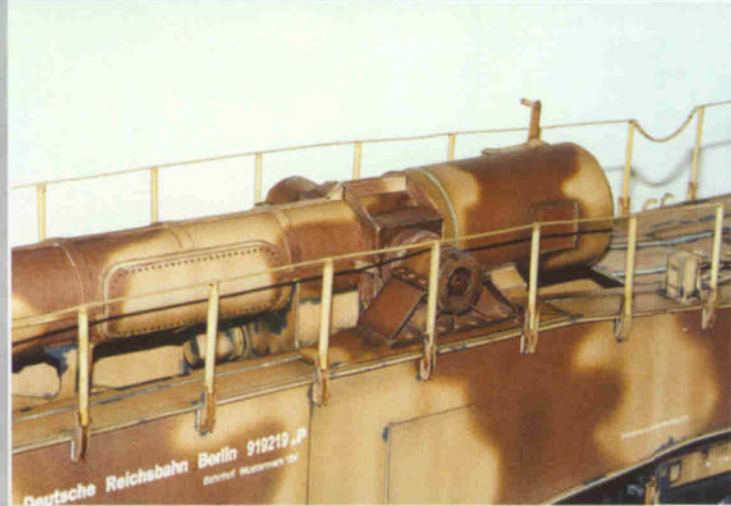
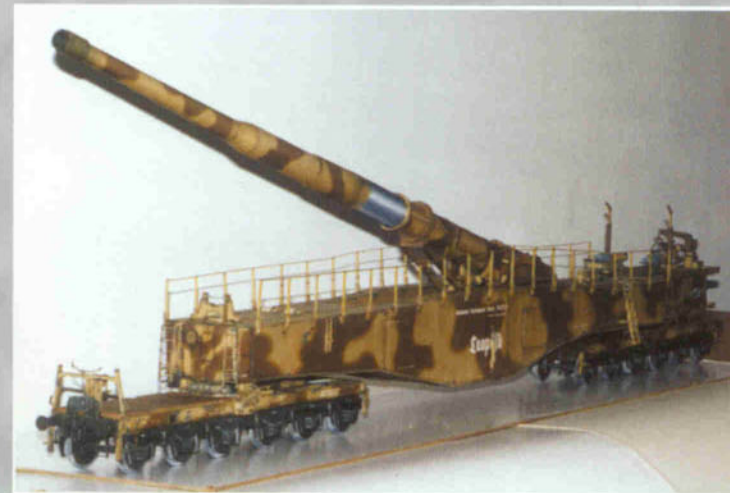
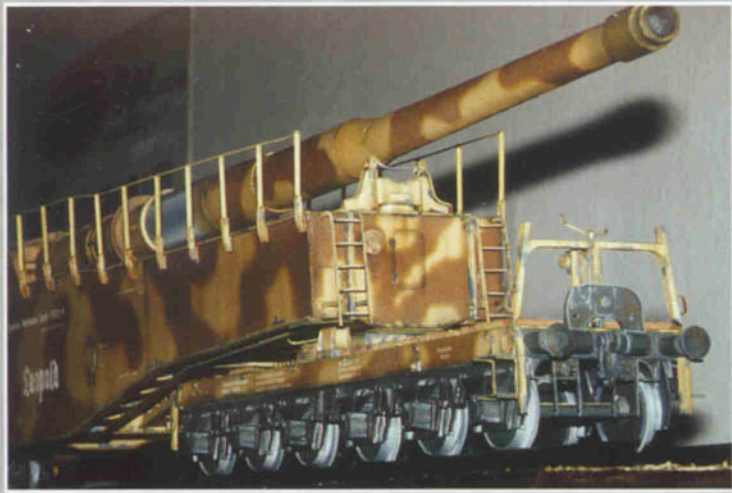
WYSOKOŚĆ ..... 22 cm

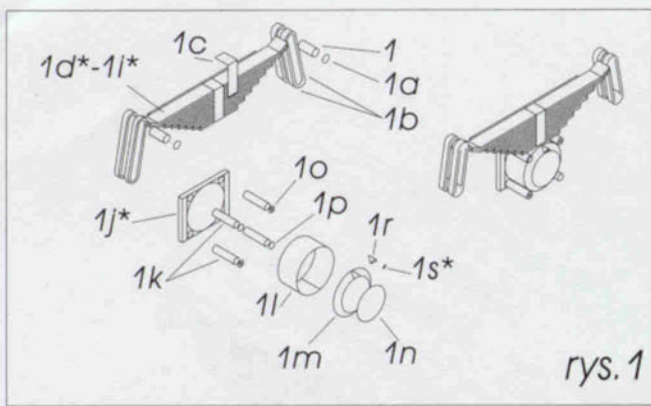
**skala 1:25**



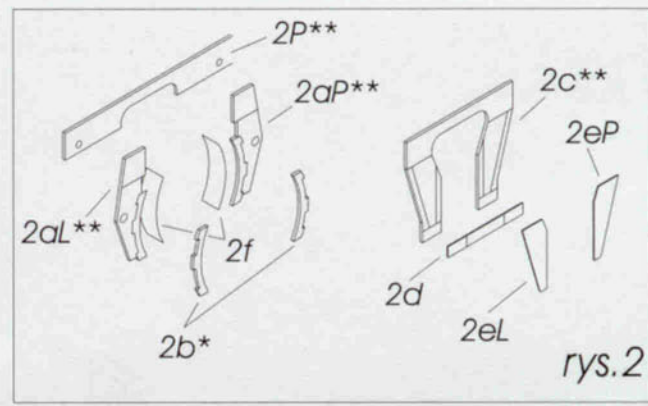




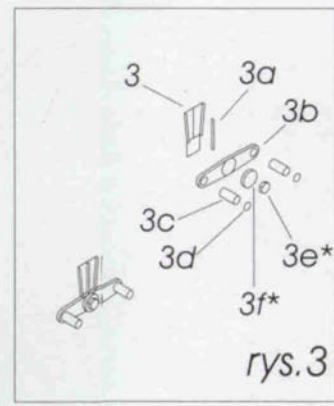




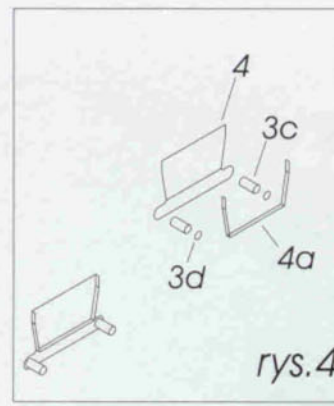
rys.1



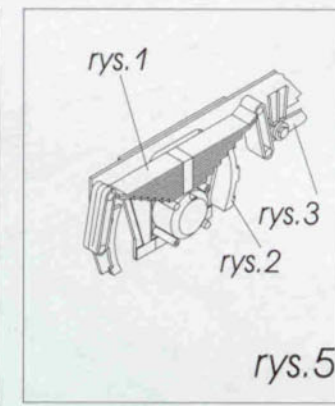
rys.2



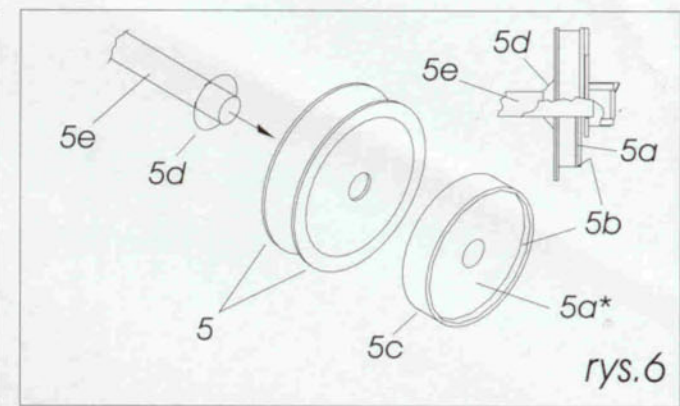
rys.3



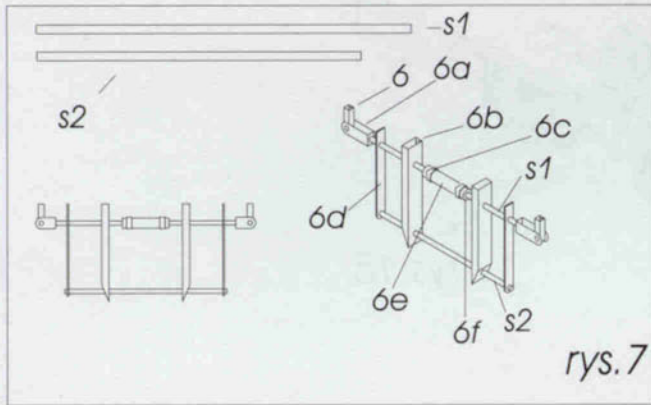
rys.4



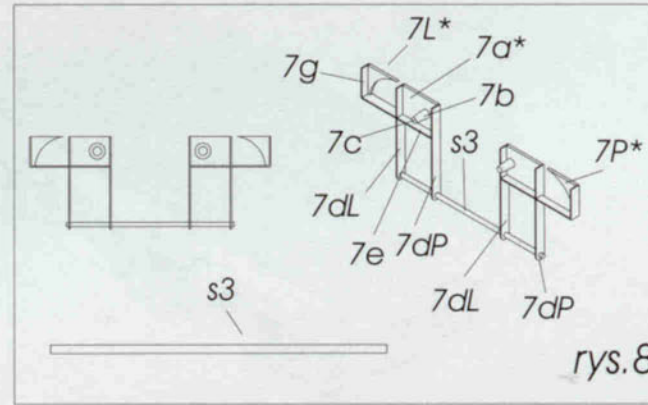
rys.5



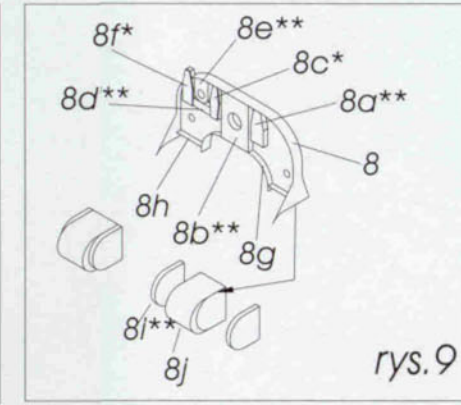
rys.6



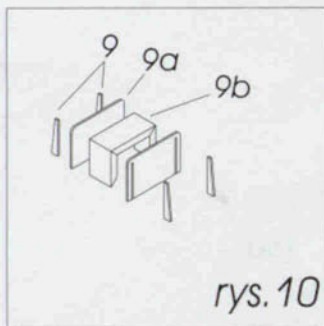
rys.7



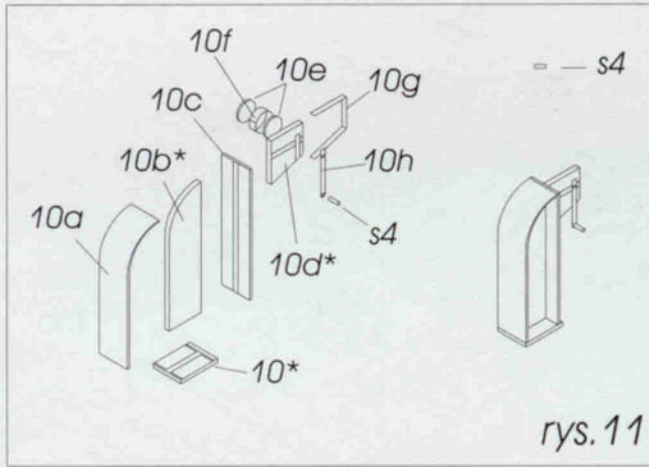
rys.8



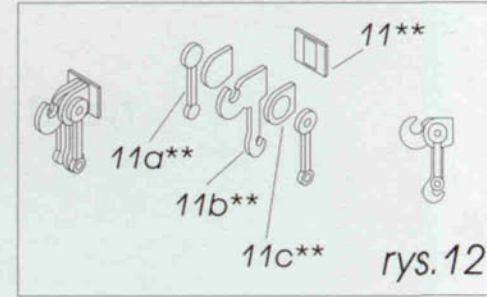
rys.9



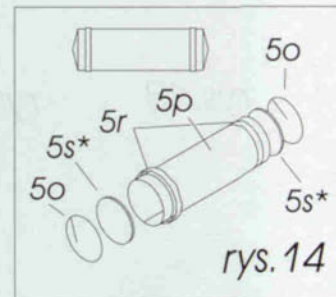
rys.10



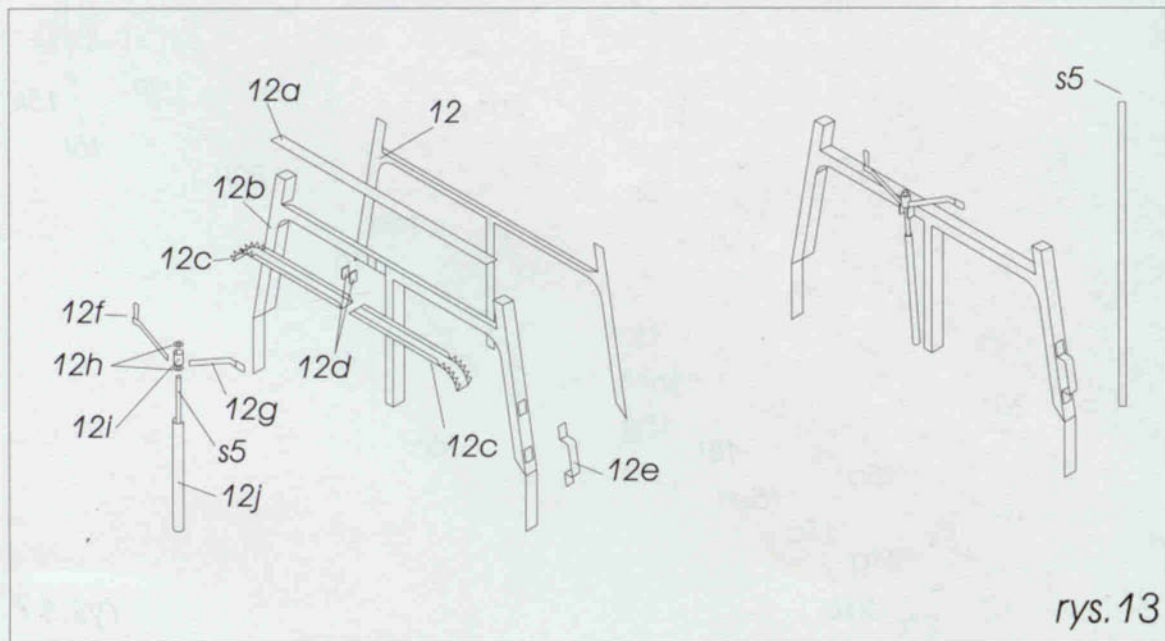
rys.11



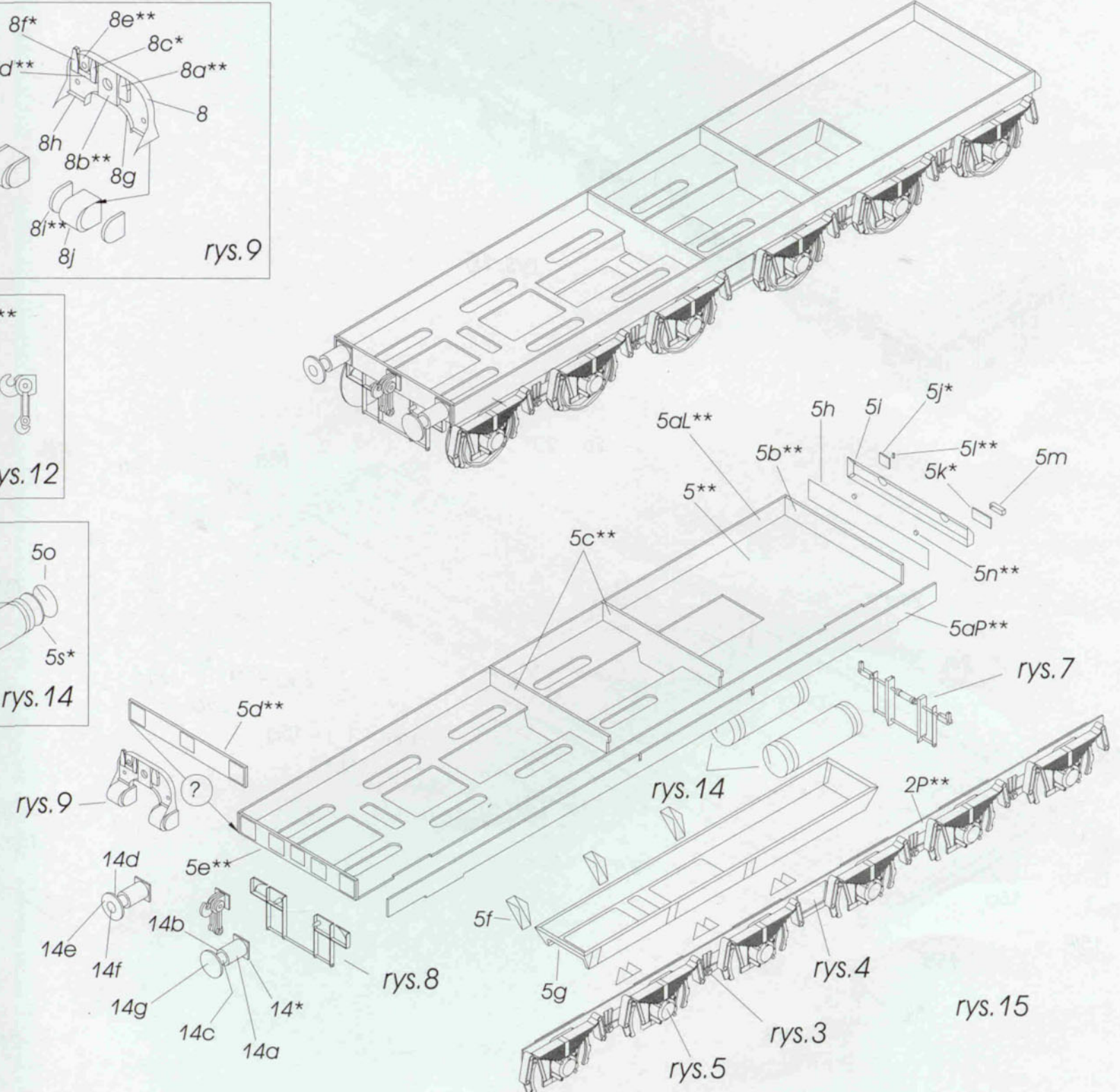
rys.12

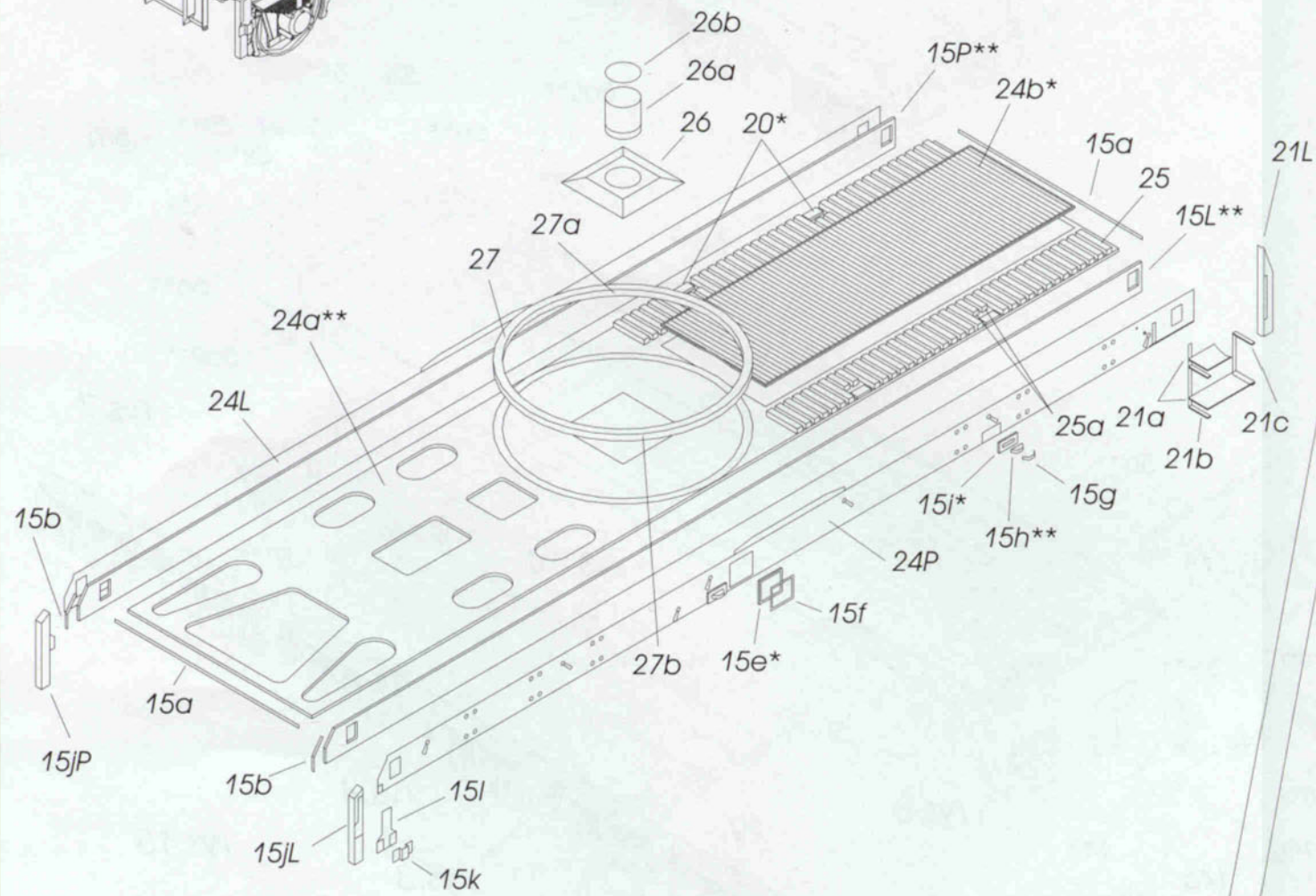
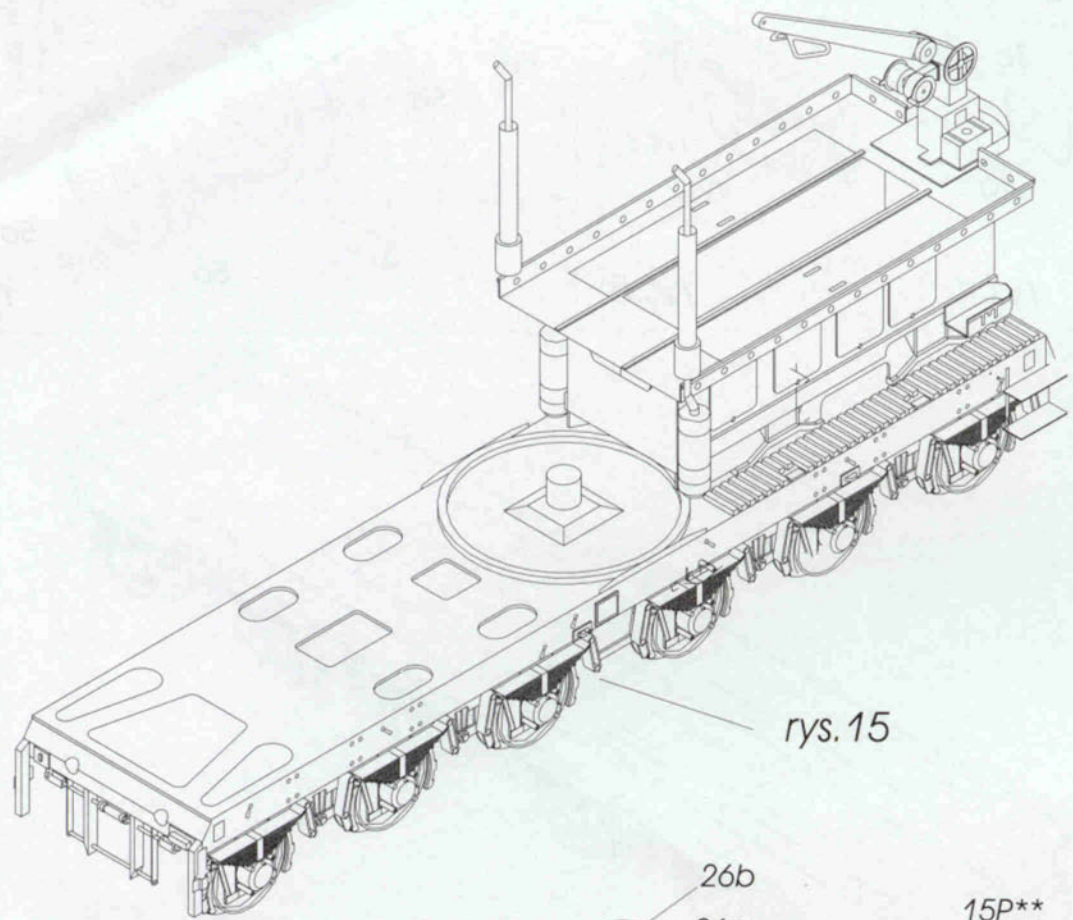


rys.14

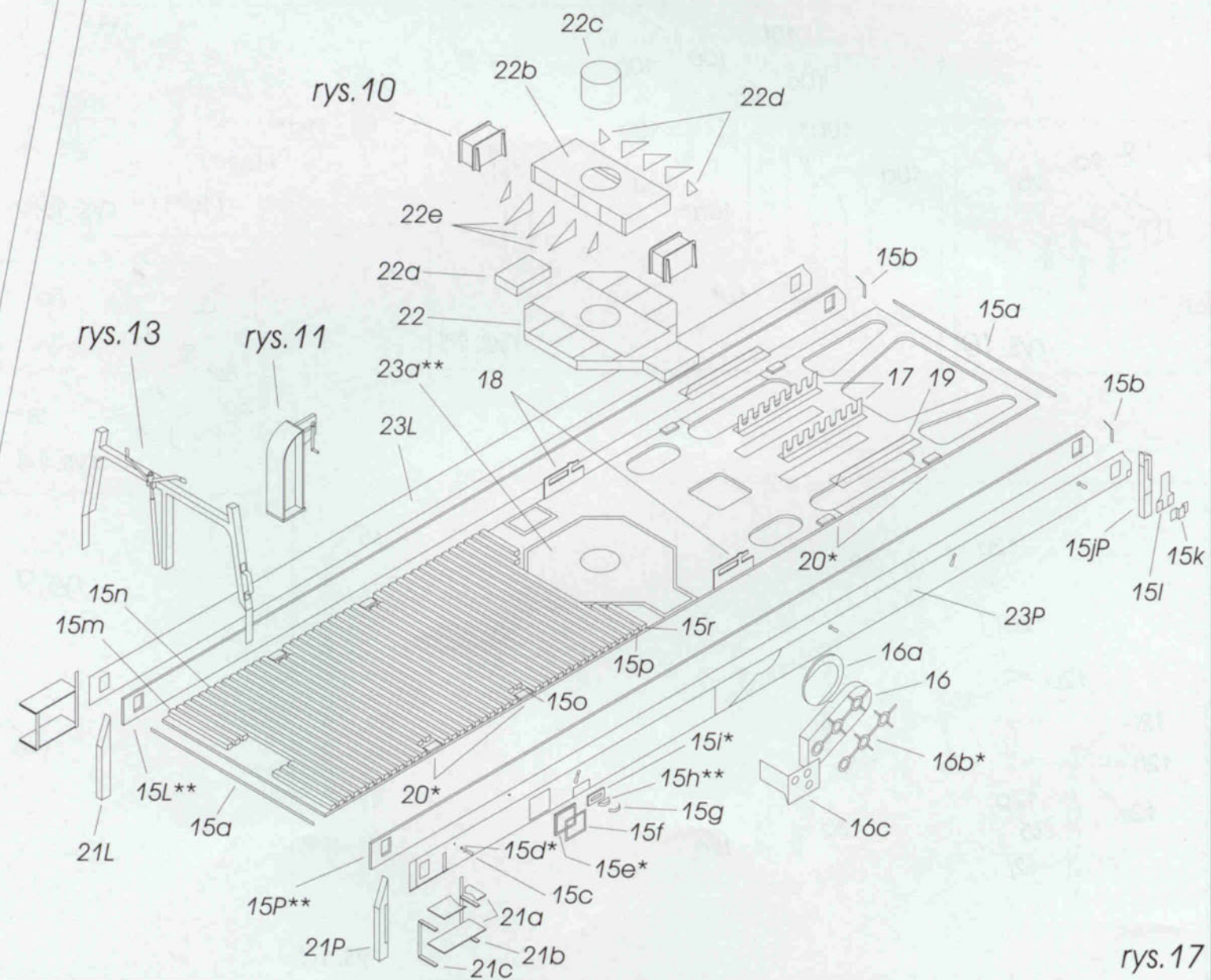
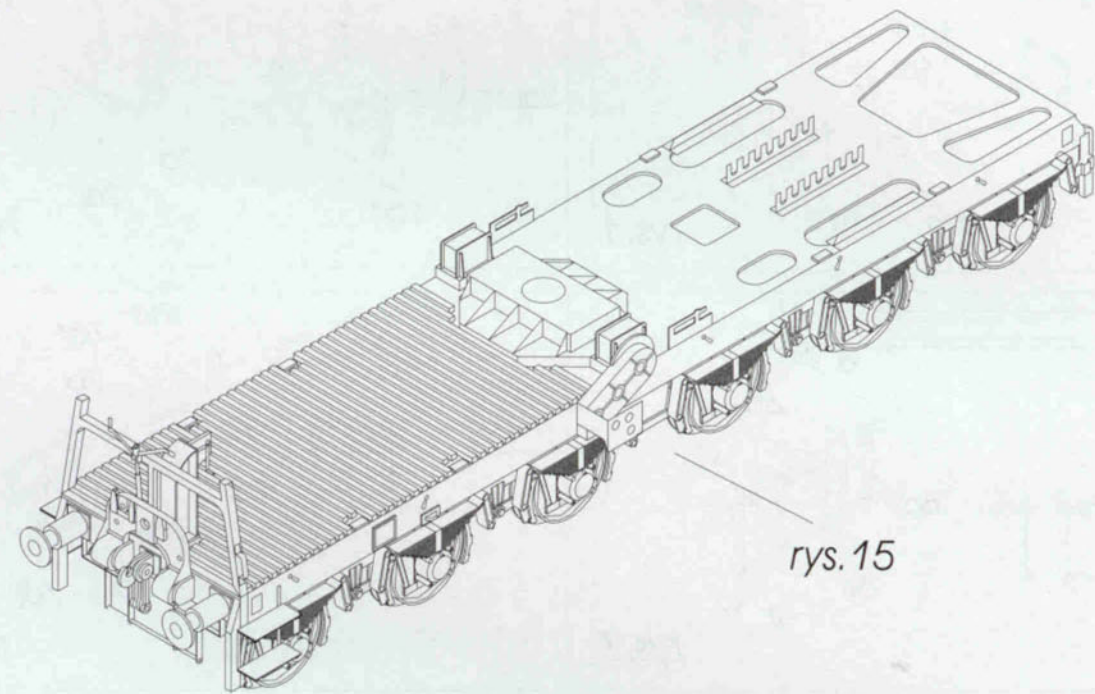


rys.13

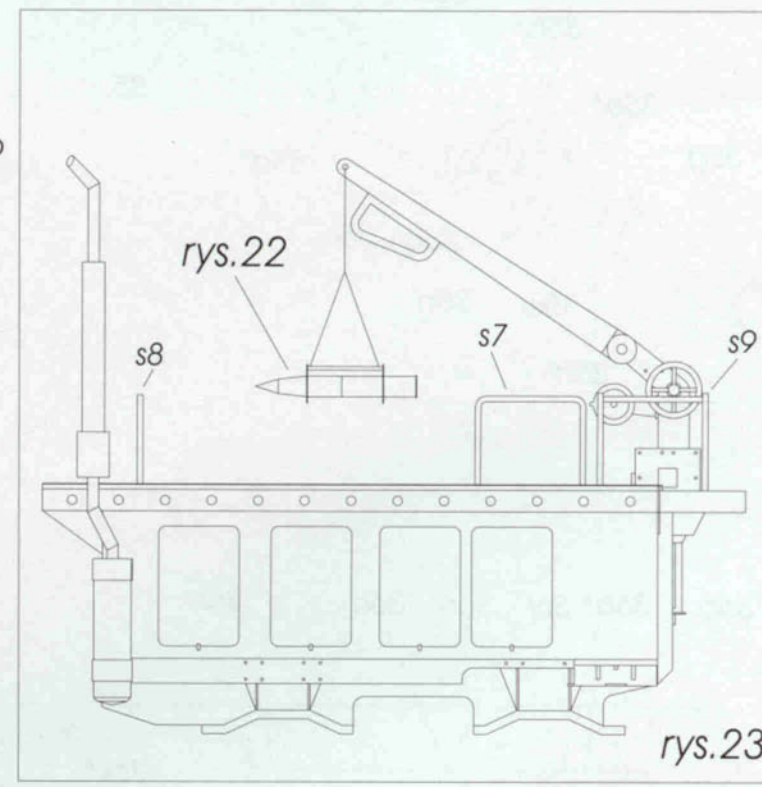
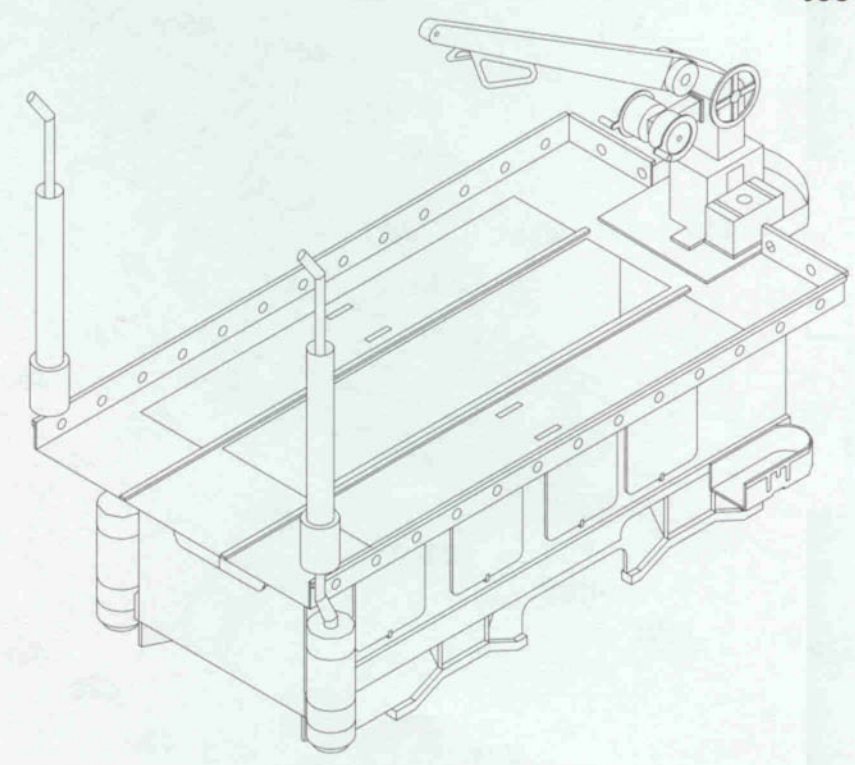
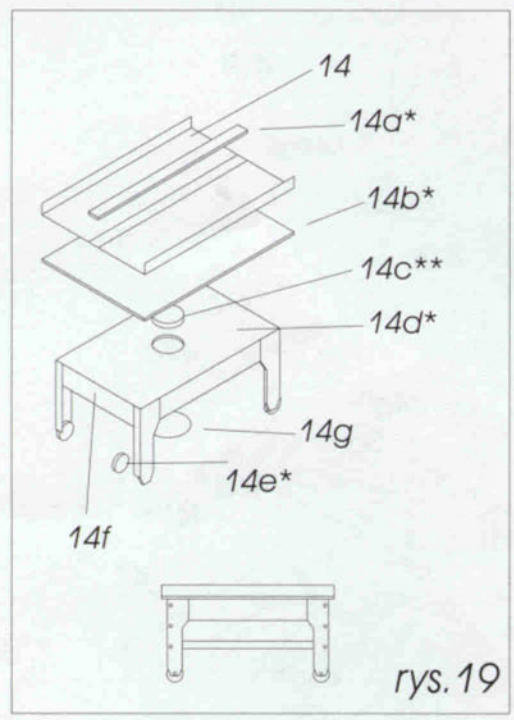
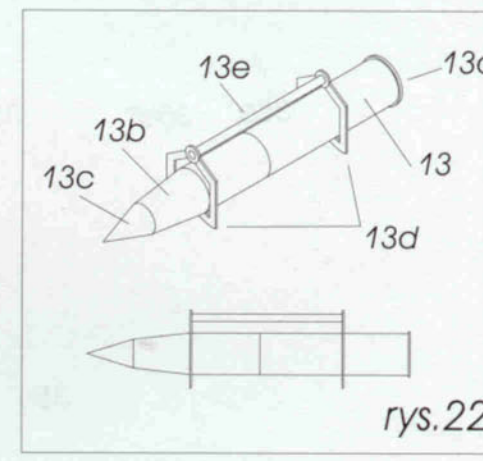
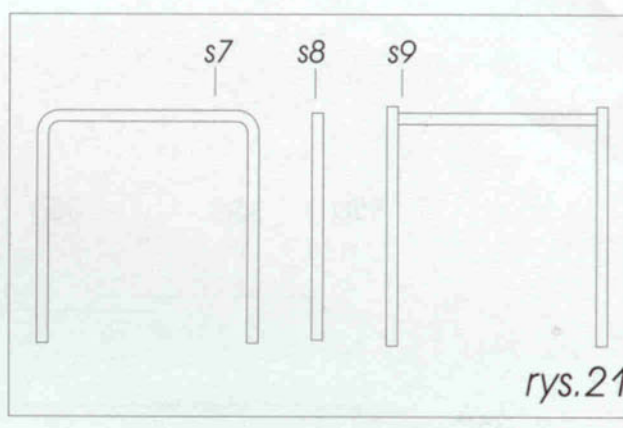
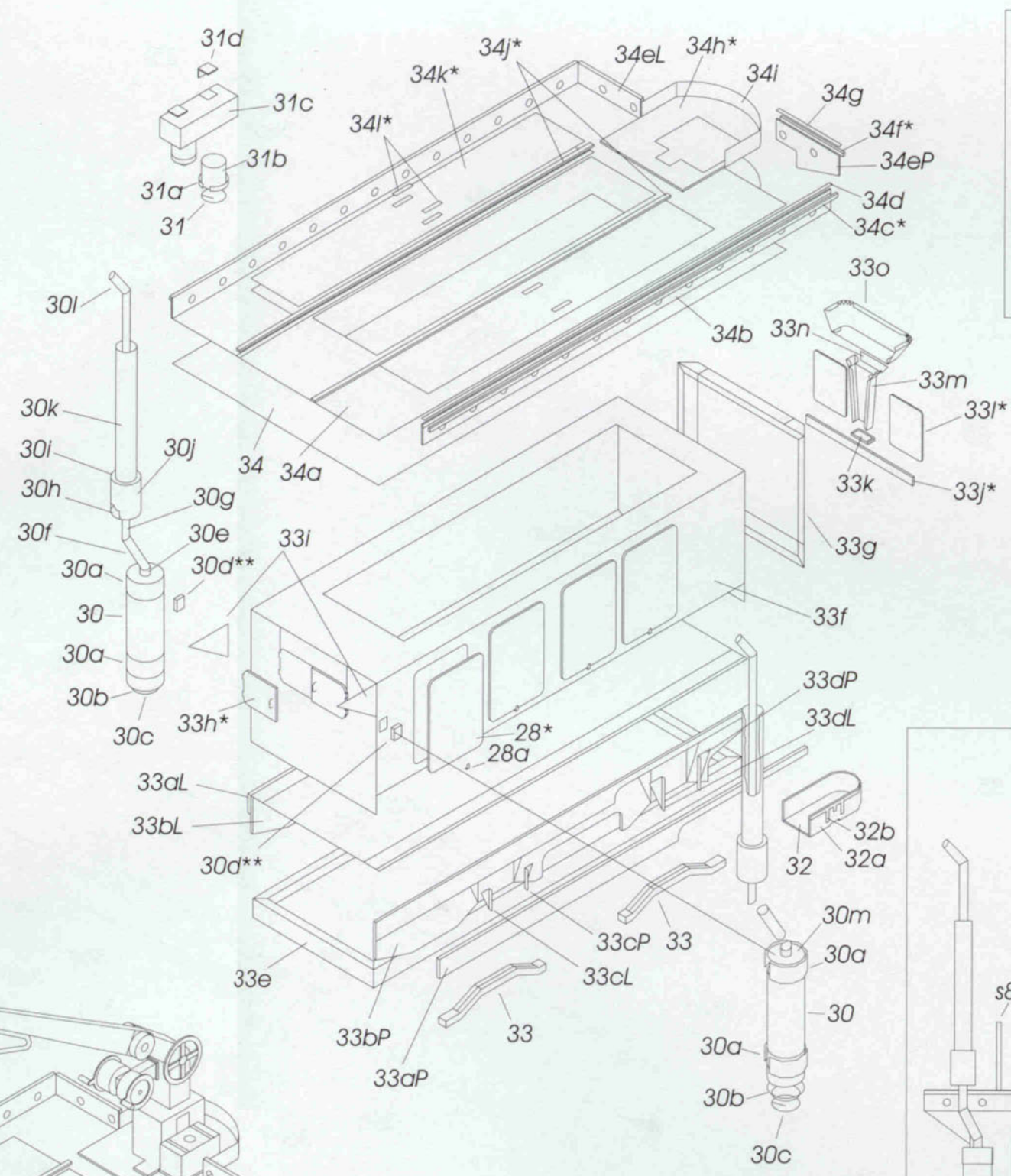
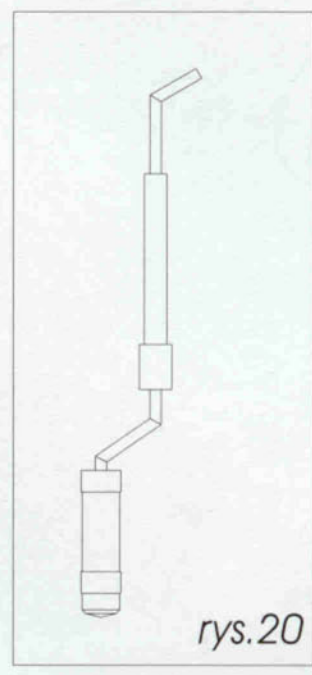
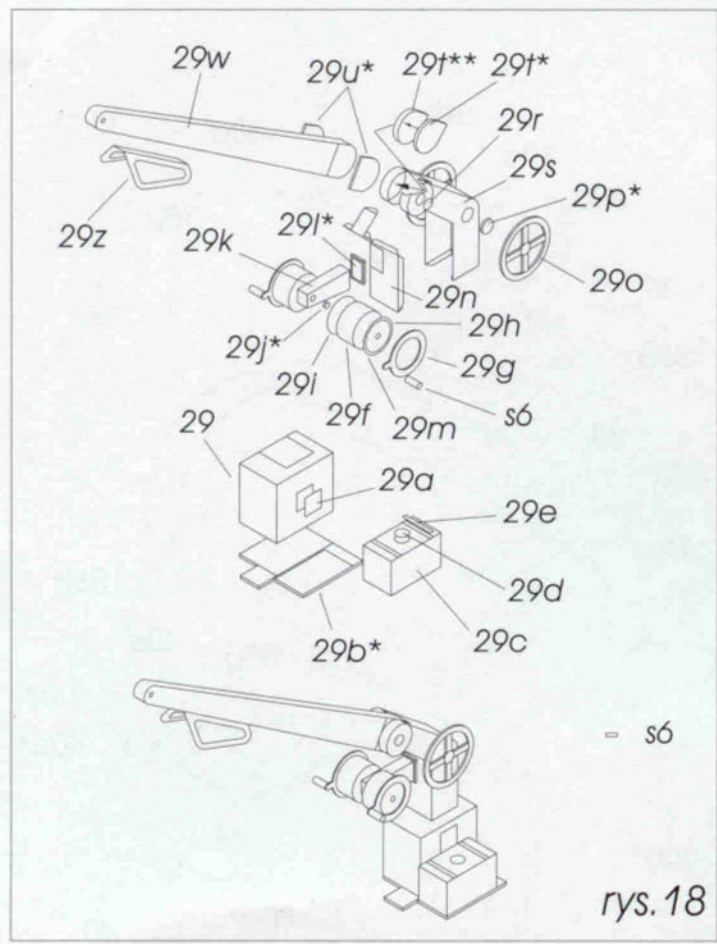




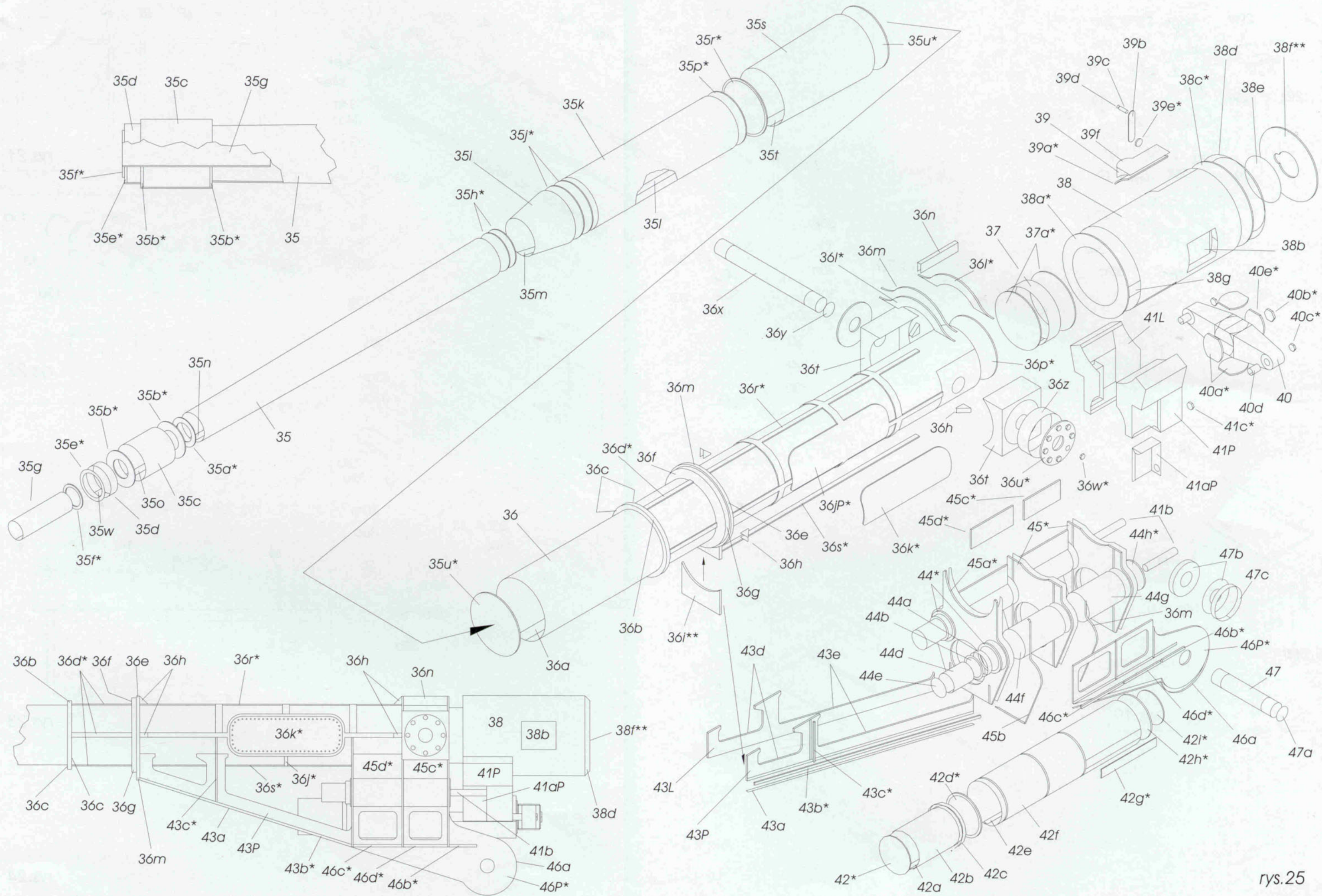
rys. 16



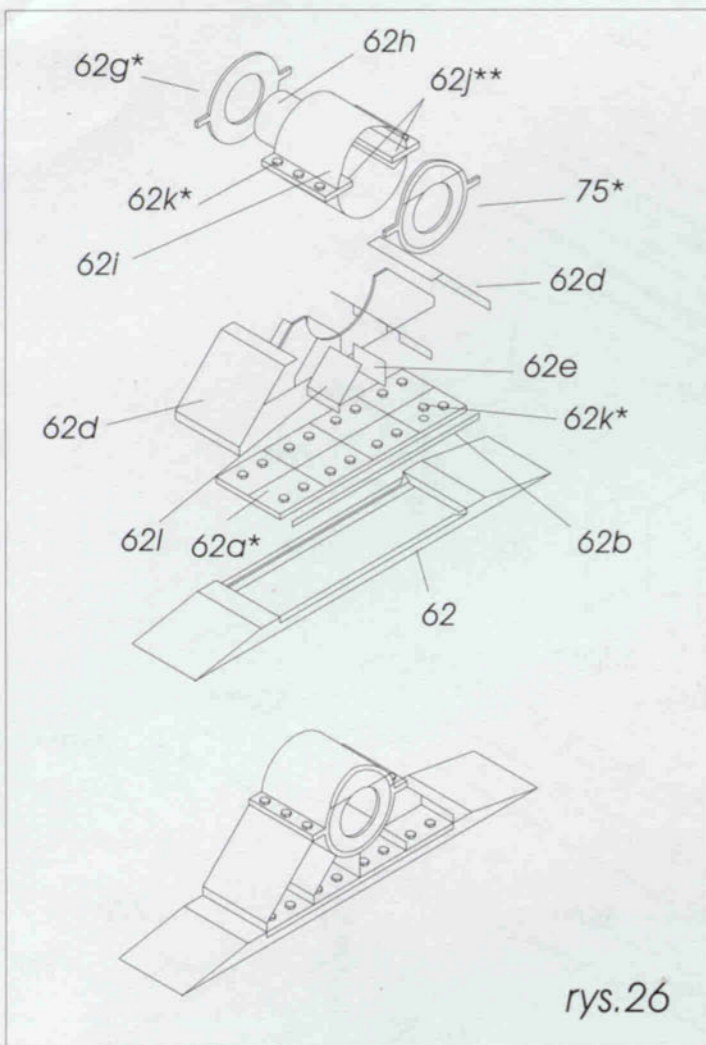
rys. 17



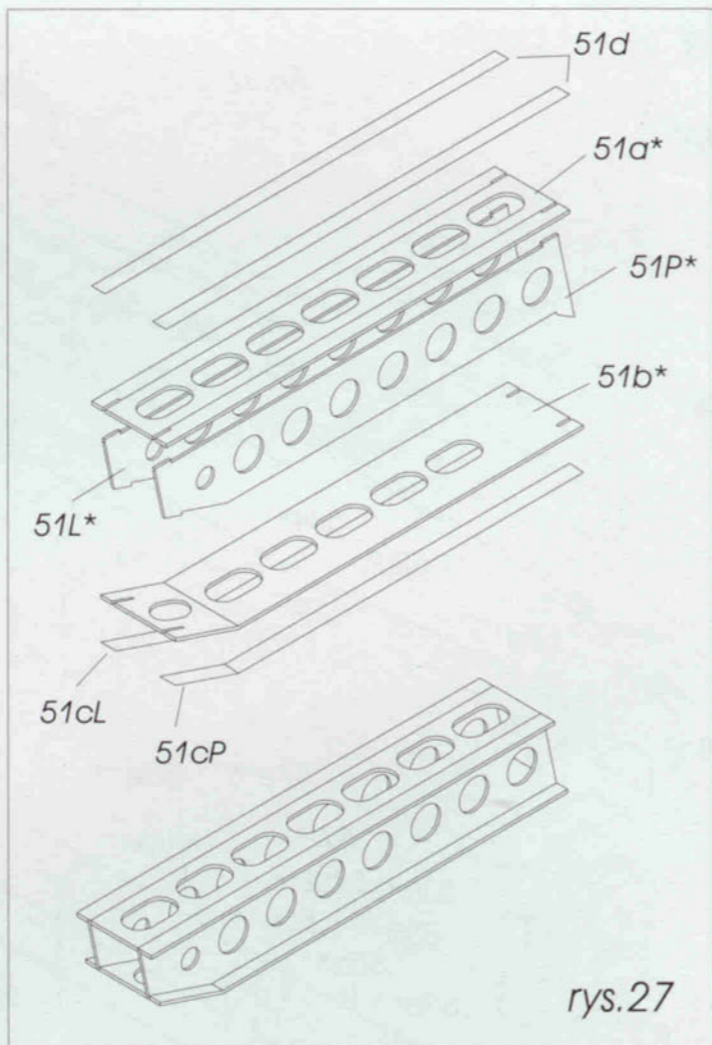
rys.24



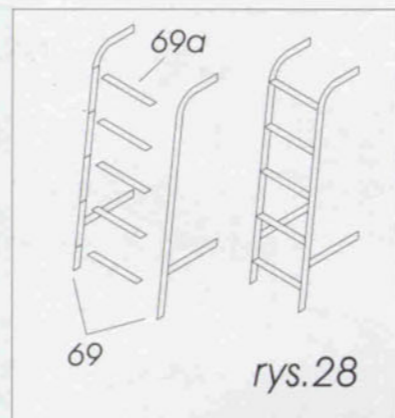




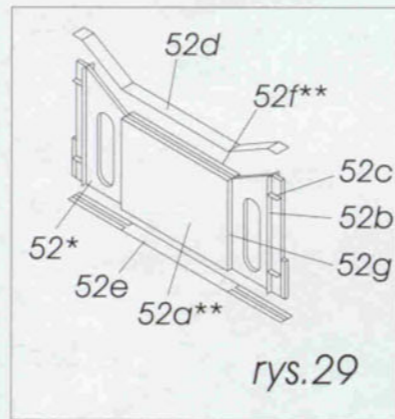
rys.26



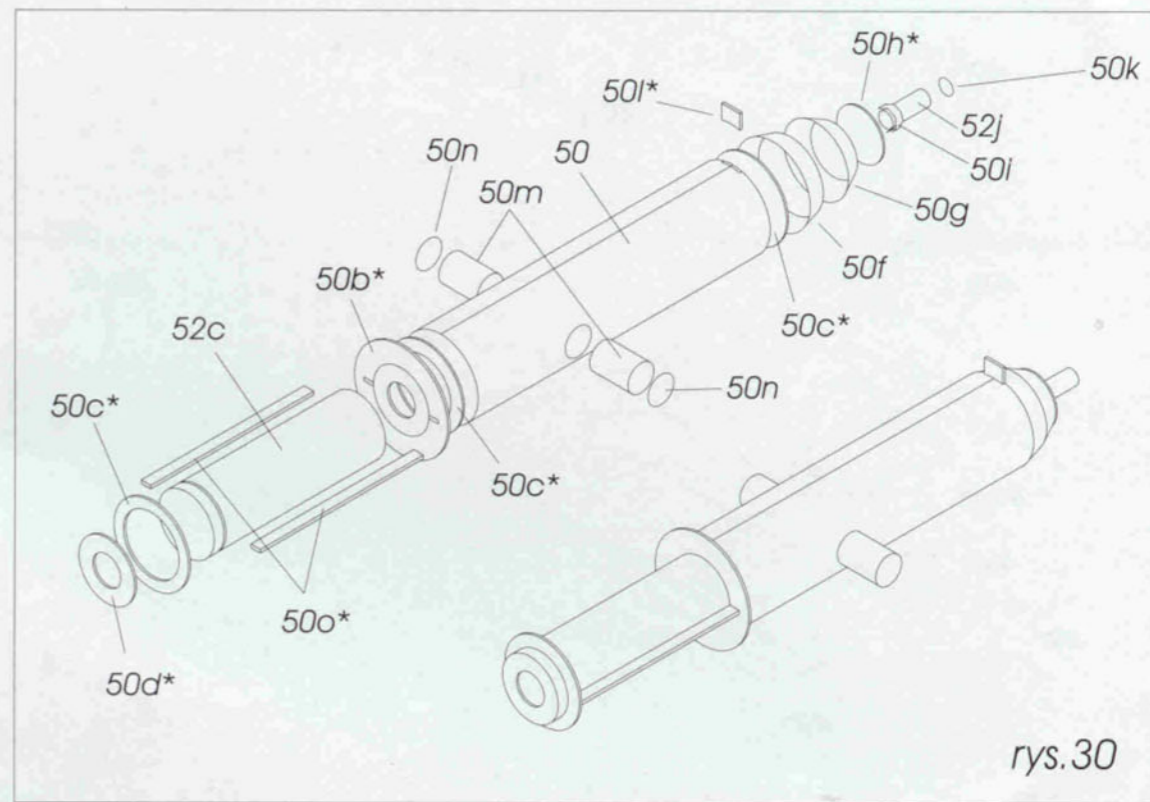
rys.27



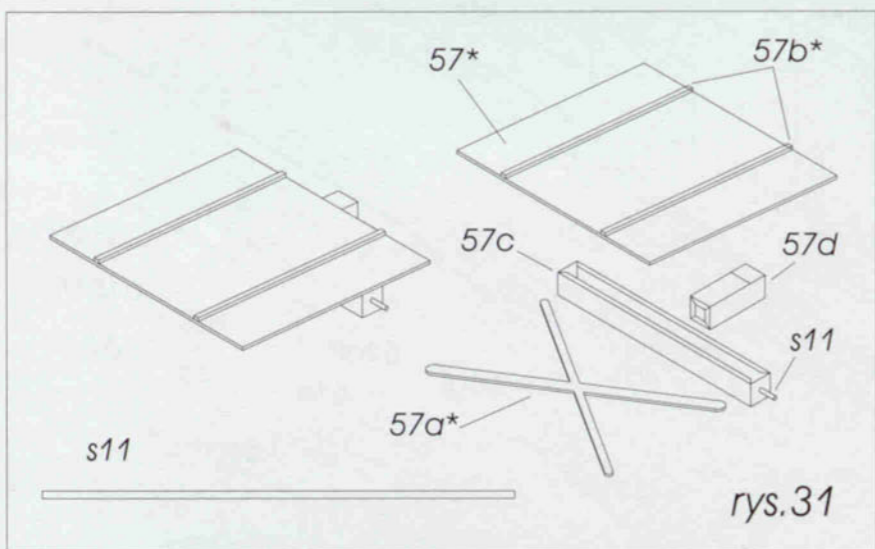
rys.28



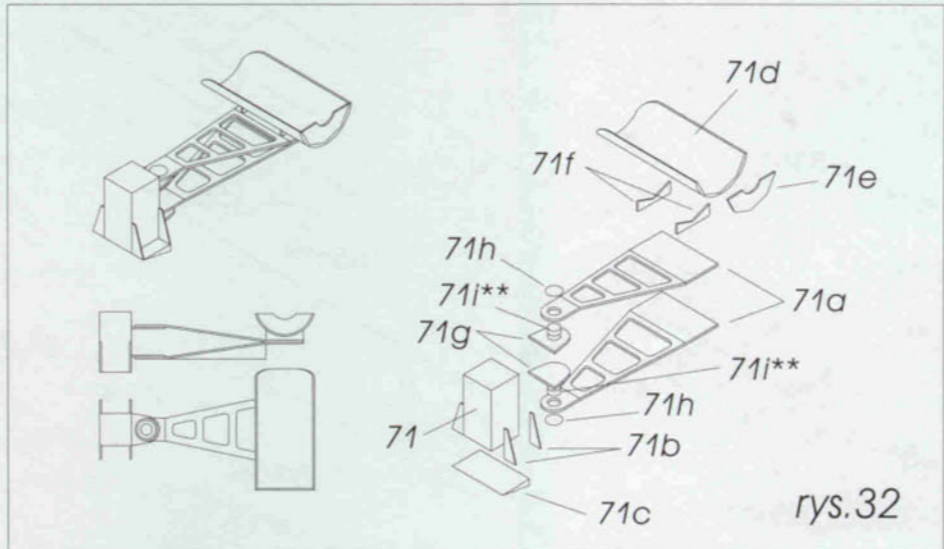
rys.29



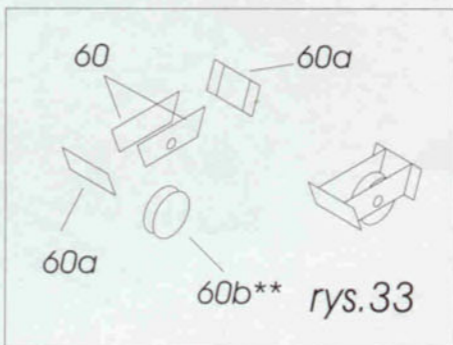
rys.30



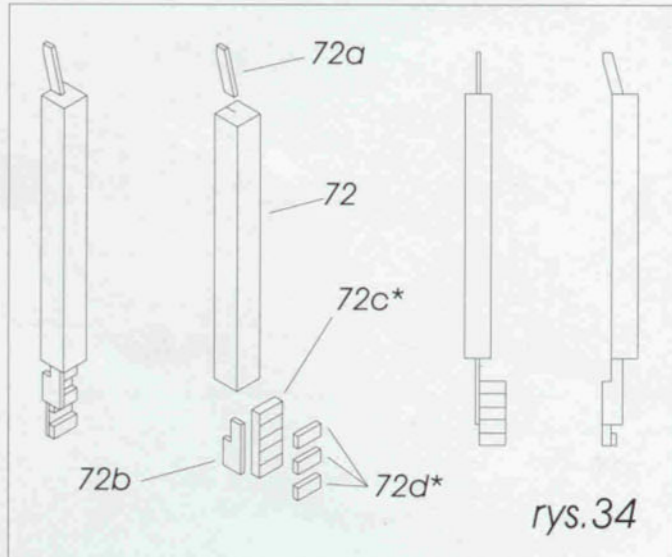
rys.31



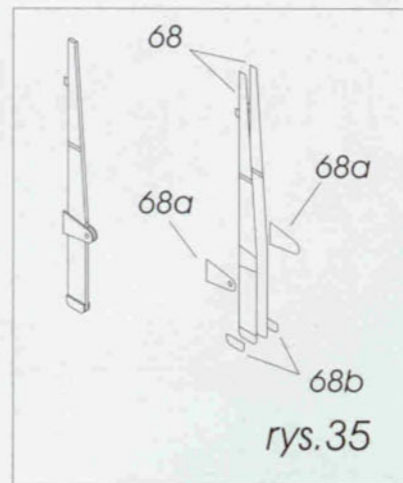
rys.32



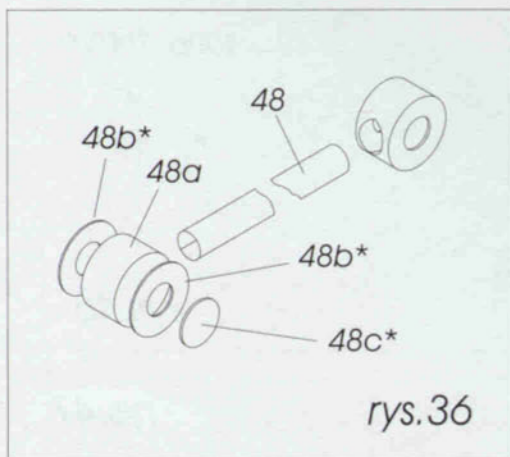
rys.33



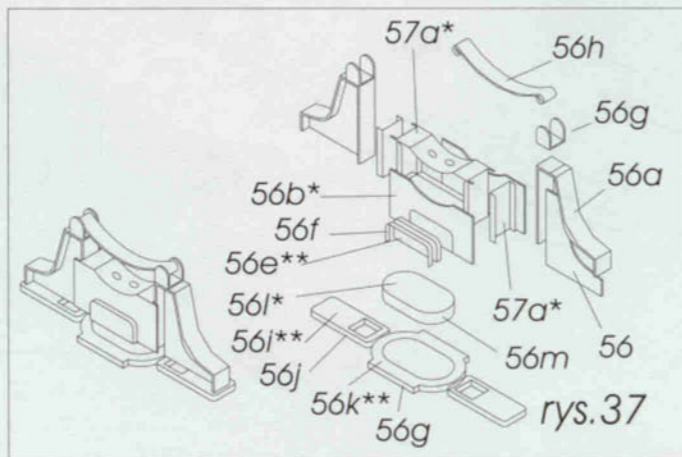
rys.34



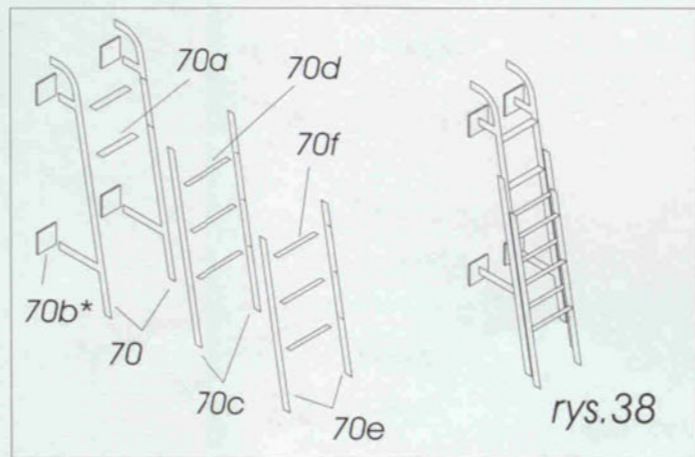
rys.35



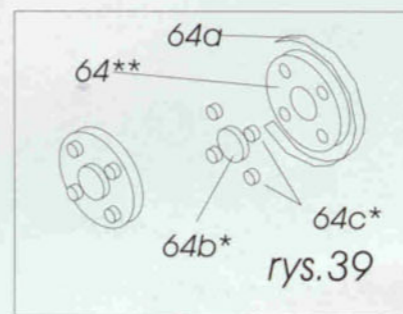
rys.36



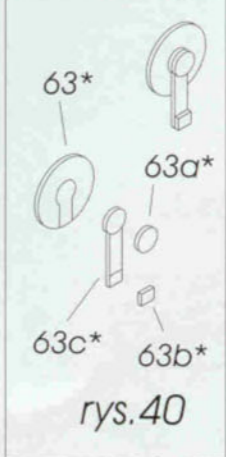
rys.37



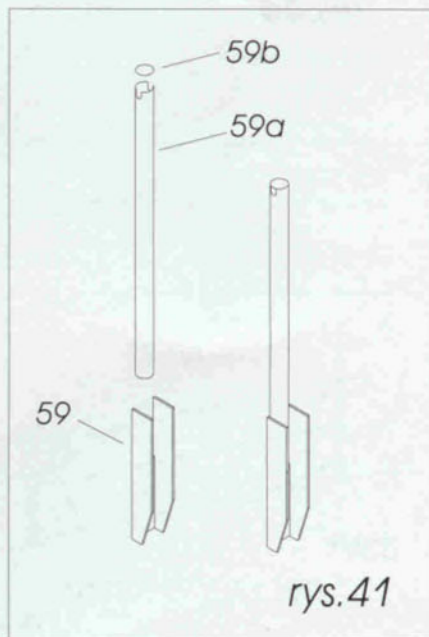
rys.38



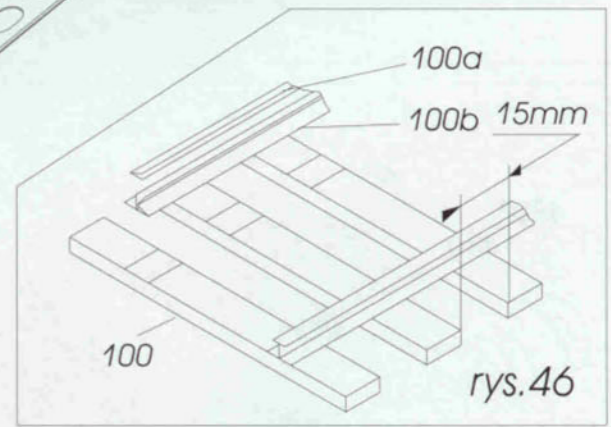
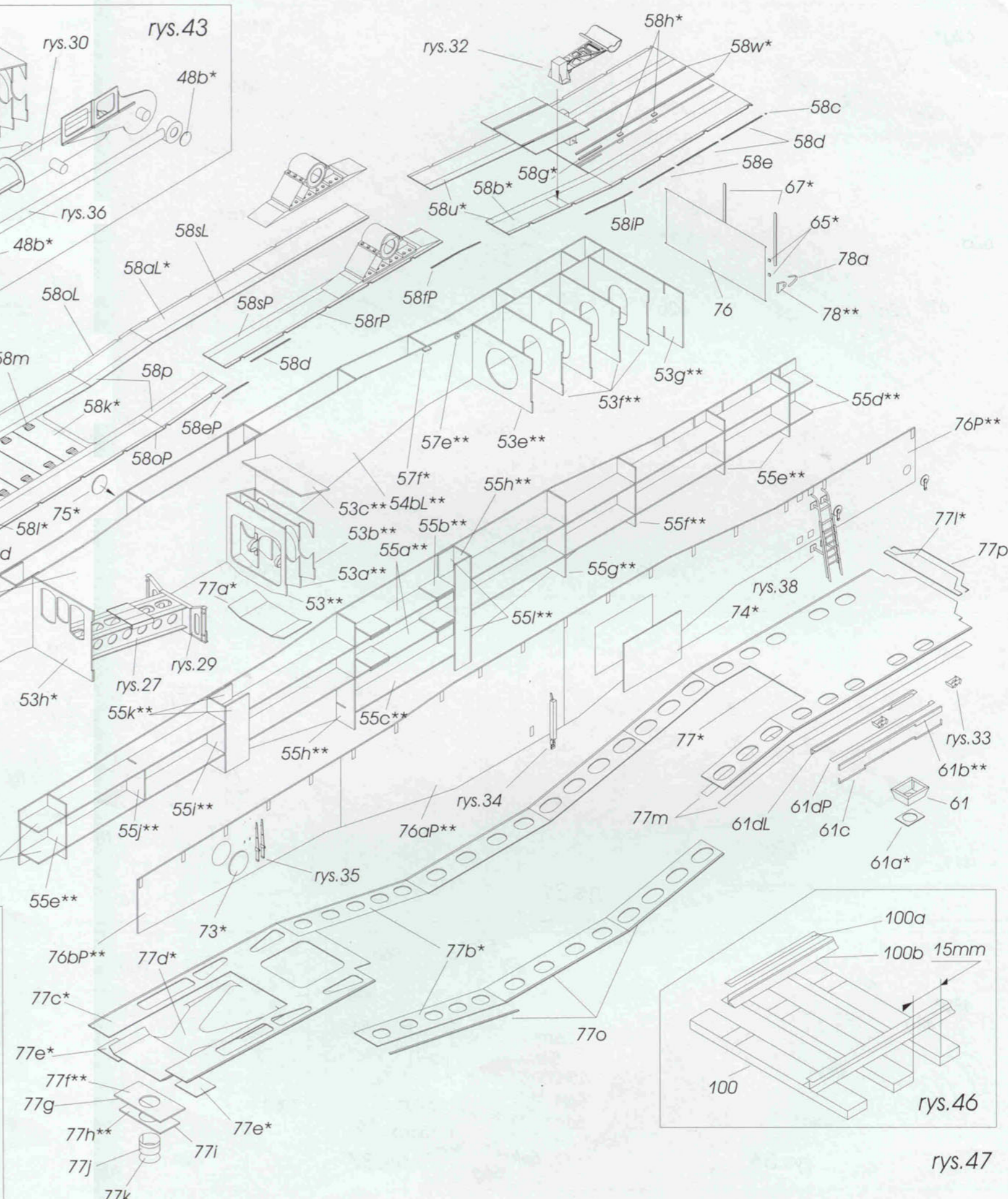
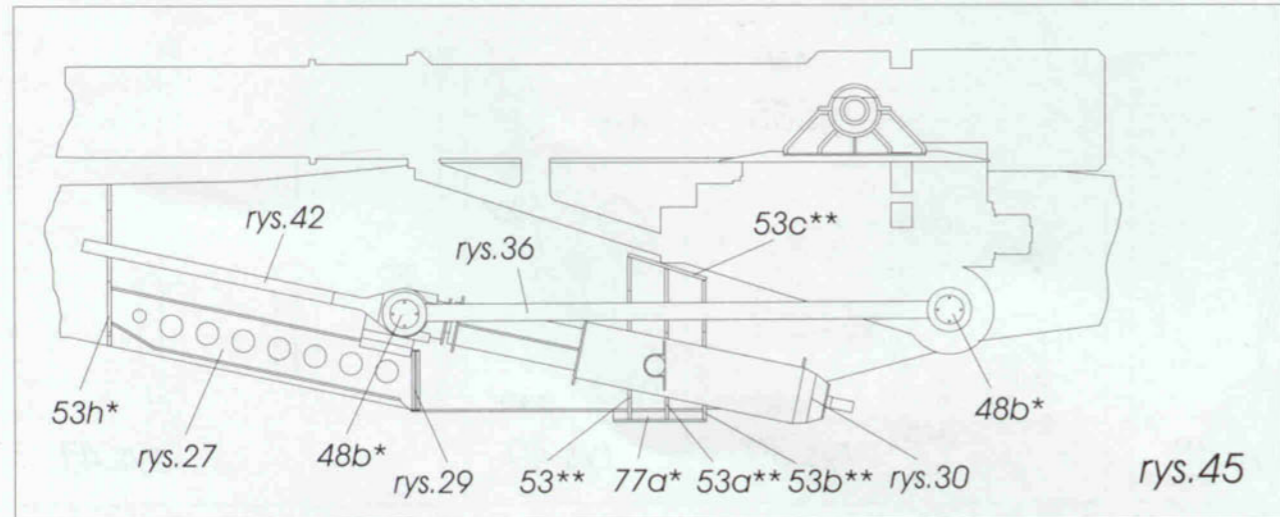
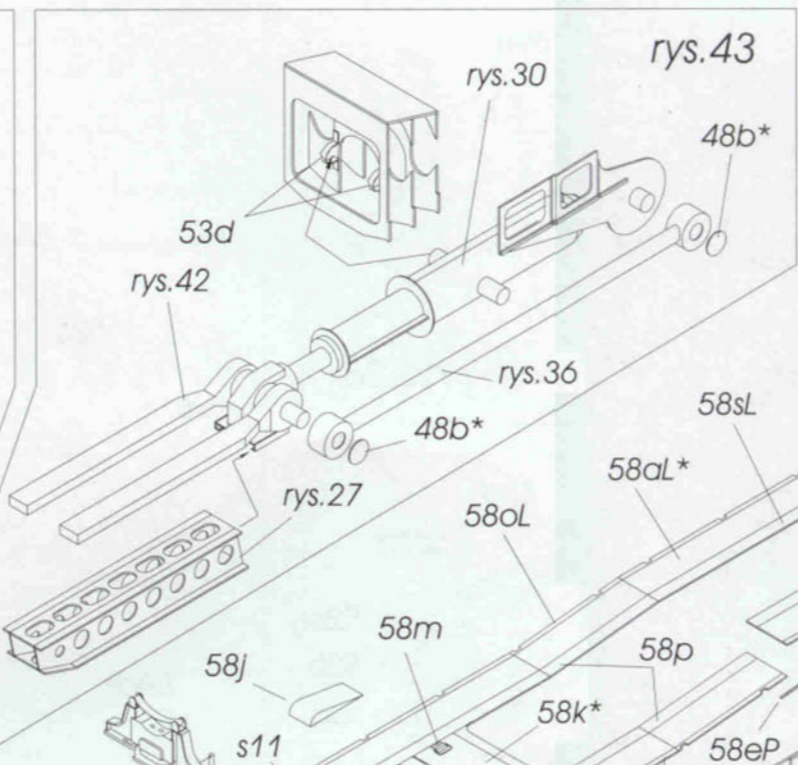
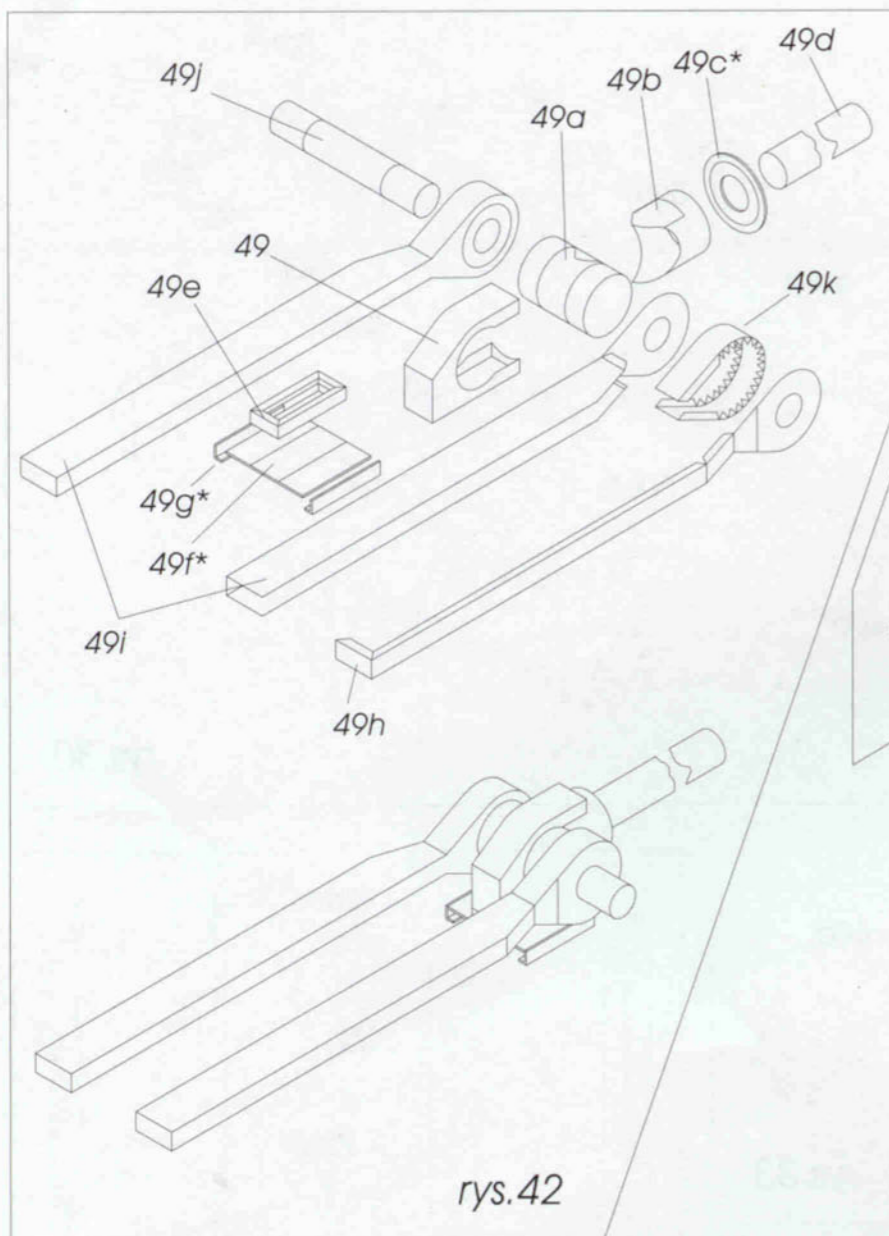
rys.39



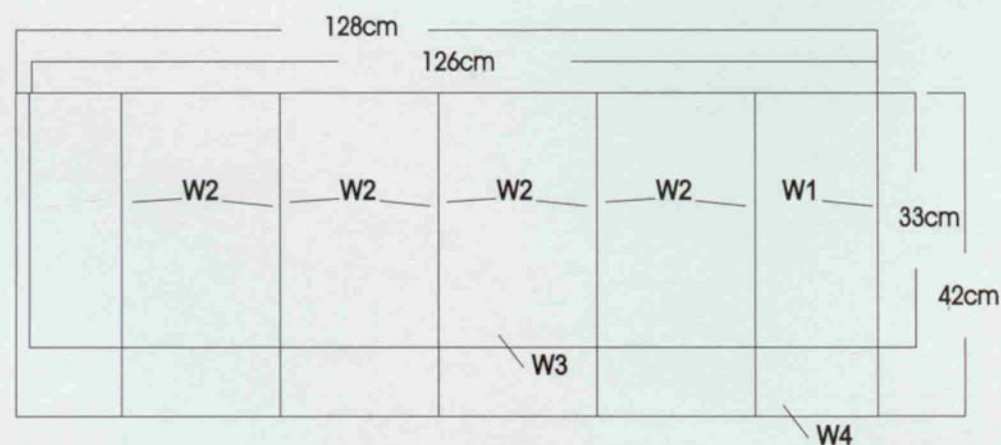
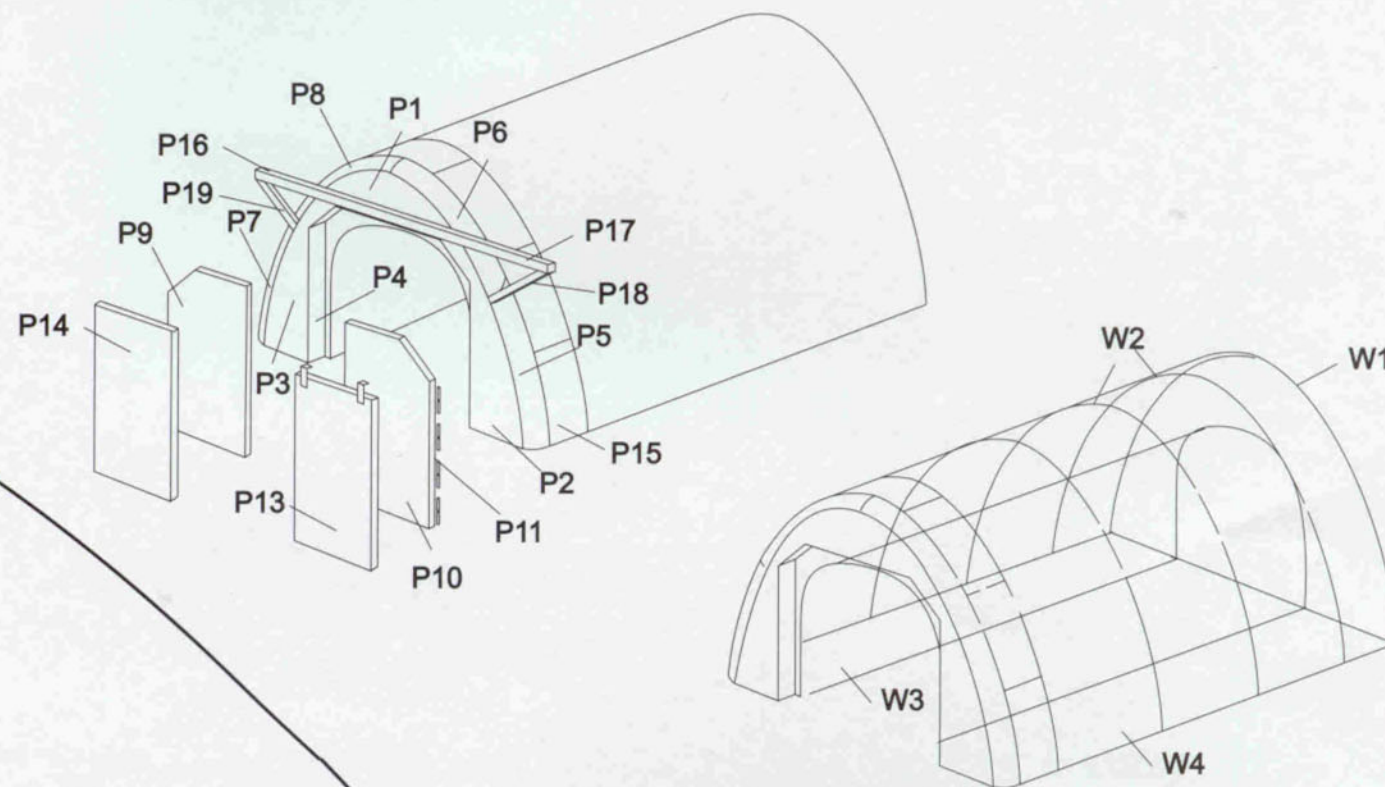
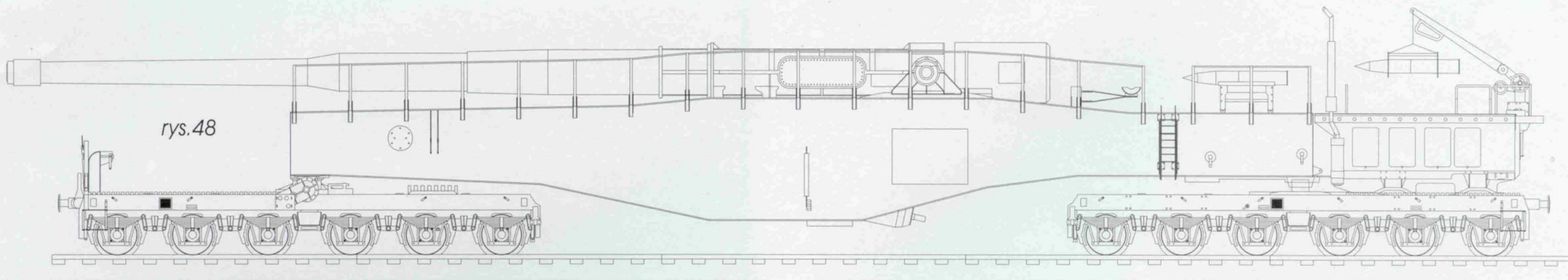
rys.40



rys.41



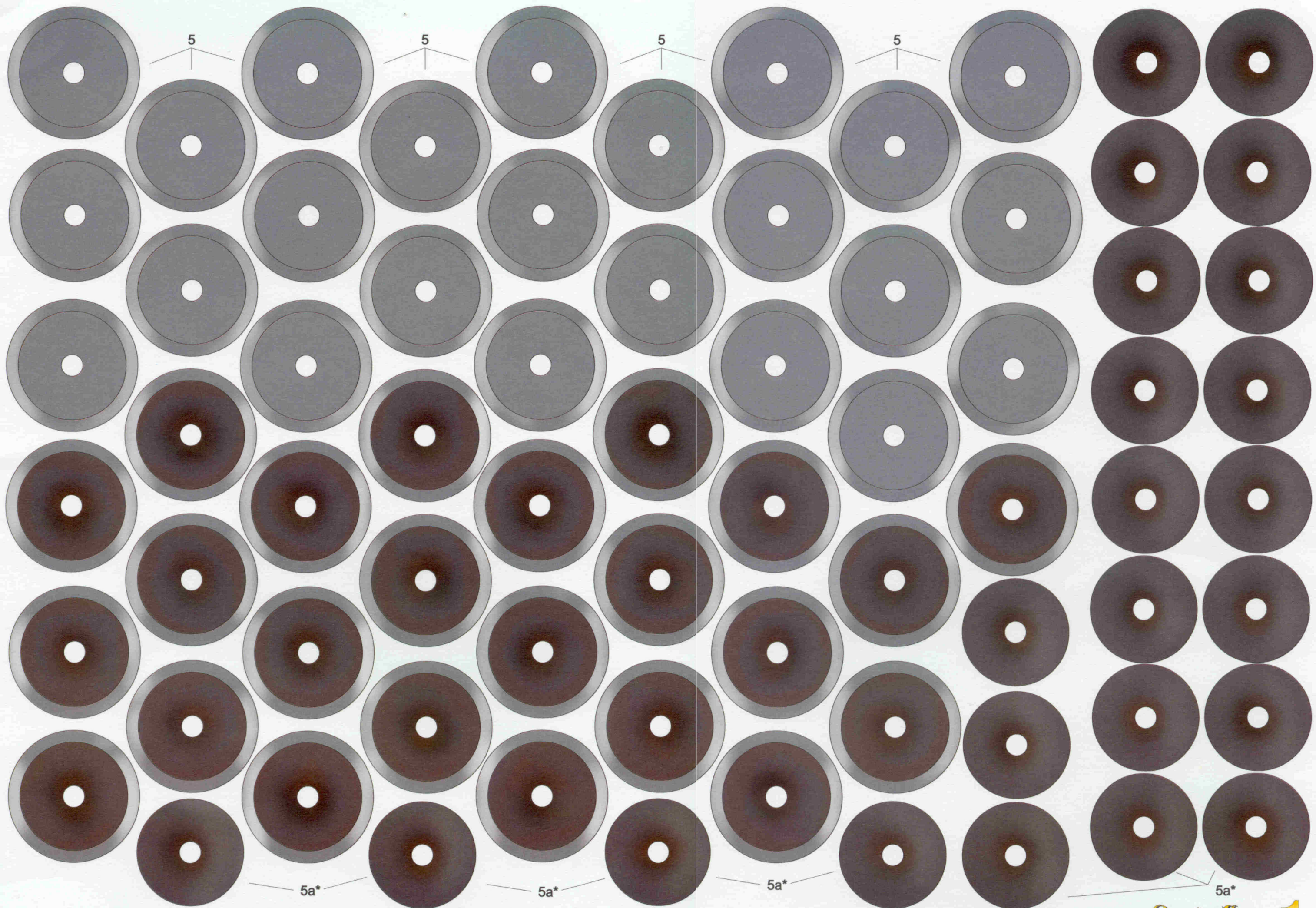
rys.48



Budowę makiety schronu rozpoczynamy od sklejenia bramy czołowej. Części: P1, P2, P3 skleamy razem i wkładamy cz. P4 (dobrze byłoby wcześniej podkleić je teksturą o grubości ok. 0,8 mm). Do gotowej części przyklejamy cz.: P5, P6, P7, P8 (części te należy ponacinać i zaokrąglić wg fotografii). Następnie skleamy pas z cz. P15 i doklejamy go do cz.: P5, 6, 7, 8 wg rys. Drzwi skleamy z cz.: P9, P10, P11 (uwaga: możemy pomiędzy skrzydło drzwi wkleić teksturę falistą gr. 5 mm dla usztywnienia konstrukcji). Z cz.: P13, P14 skleamy rozsuwane wrota, postępując jak przy drzwiach cz. P9, P10. Nad drzwiami montujemy prowadnicę cz. P16, P17 i wsporniki cz. P18, P19. UWAGA: zawiasy należy dorobić wg własnego pomysłu, można rozwinąć zawieszenie pokazane na rys.

Następną czynnością będzie budowa tunelu. Według szablonów W3, W4 wykonujemy siatki na tekturze 1 mm. Formujemy cz. W3 i przyklejamy wręgi W2 (5 szt.) wykonane z tektury 1 mm wg szablonu (pół wręgi), a na końcu wręgę W1. Całość oklejamy szablonem cz. W4. Do gotowego tunelu przyklejamy wcześniej wykonane wrota.

Części niekolorowe wykonane wg szablonów można posypać imitacją piasku i trawy (podsypki kolejowe). Można również narzucić siatki maskujące itp. Prace waloryzacyjne pozostawiam pomysłowości wykonawcy.



5

5

5

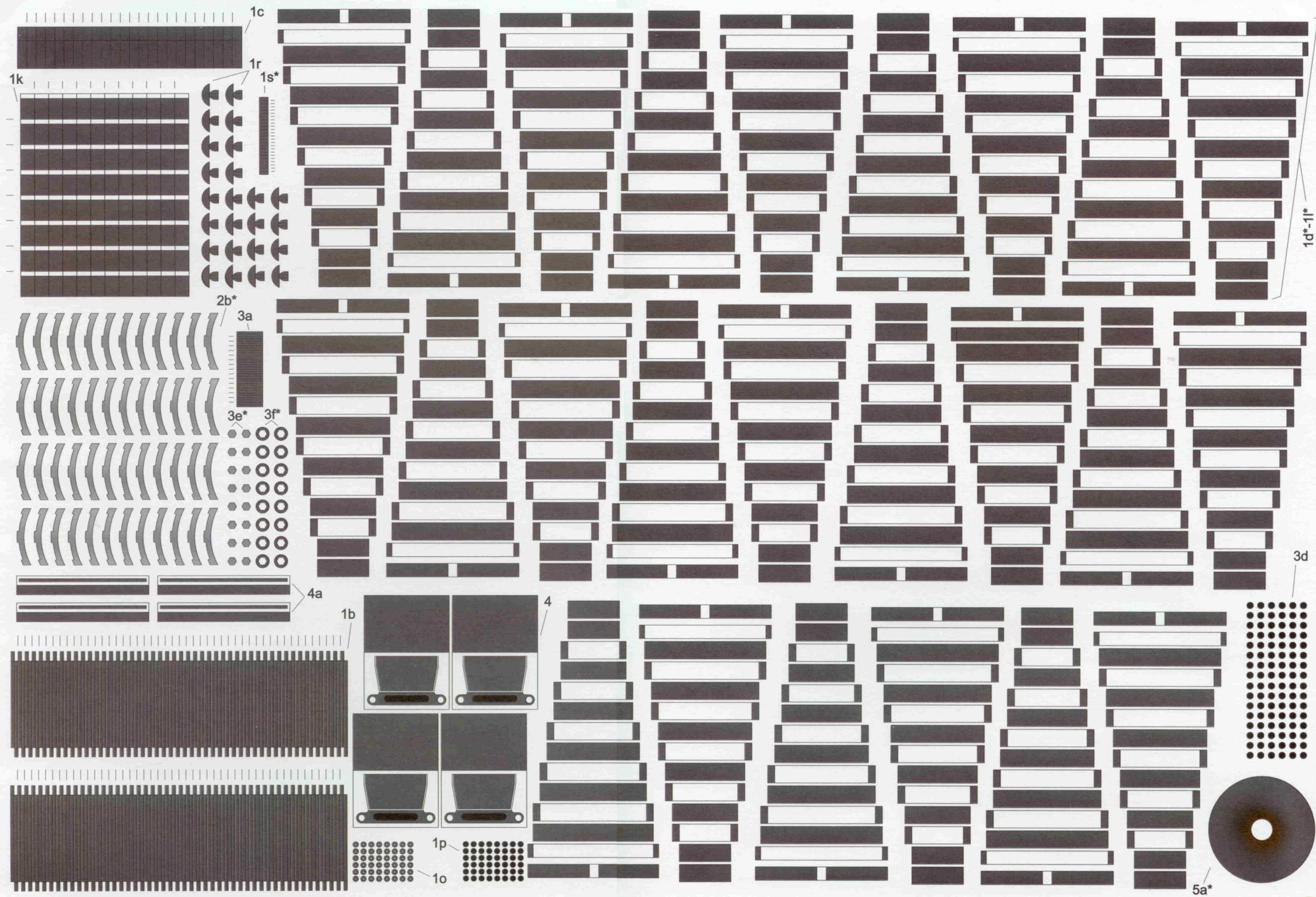
5

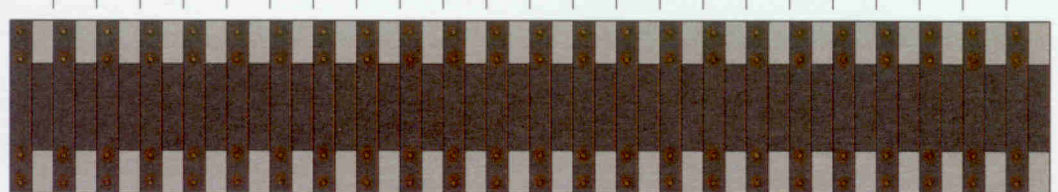
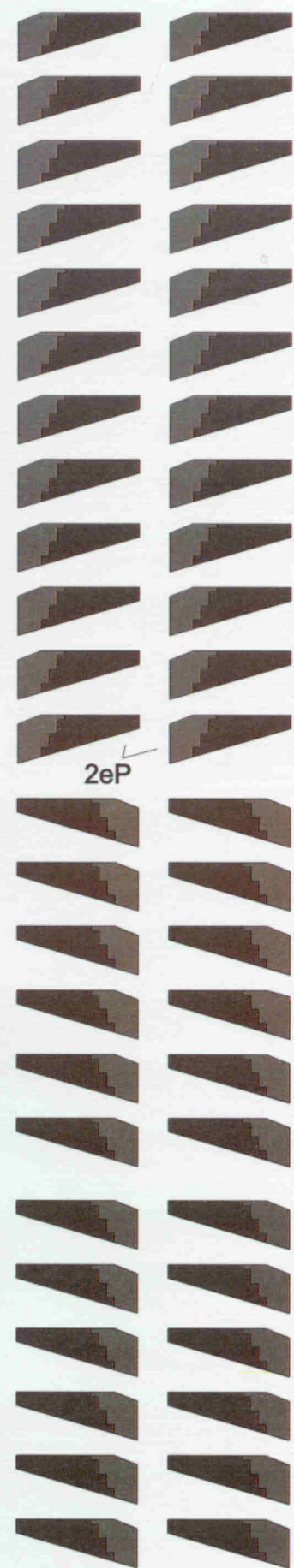
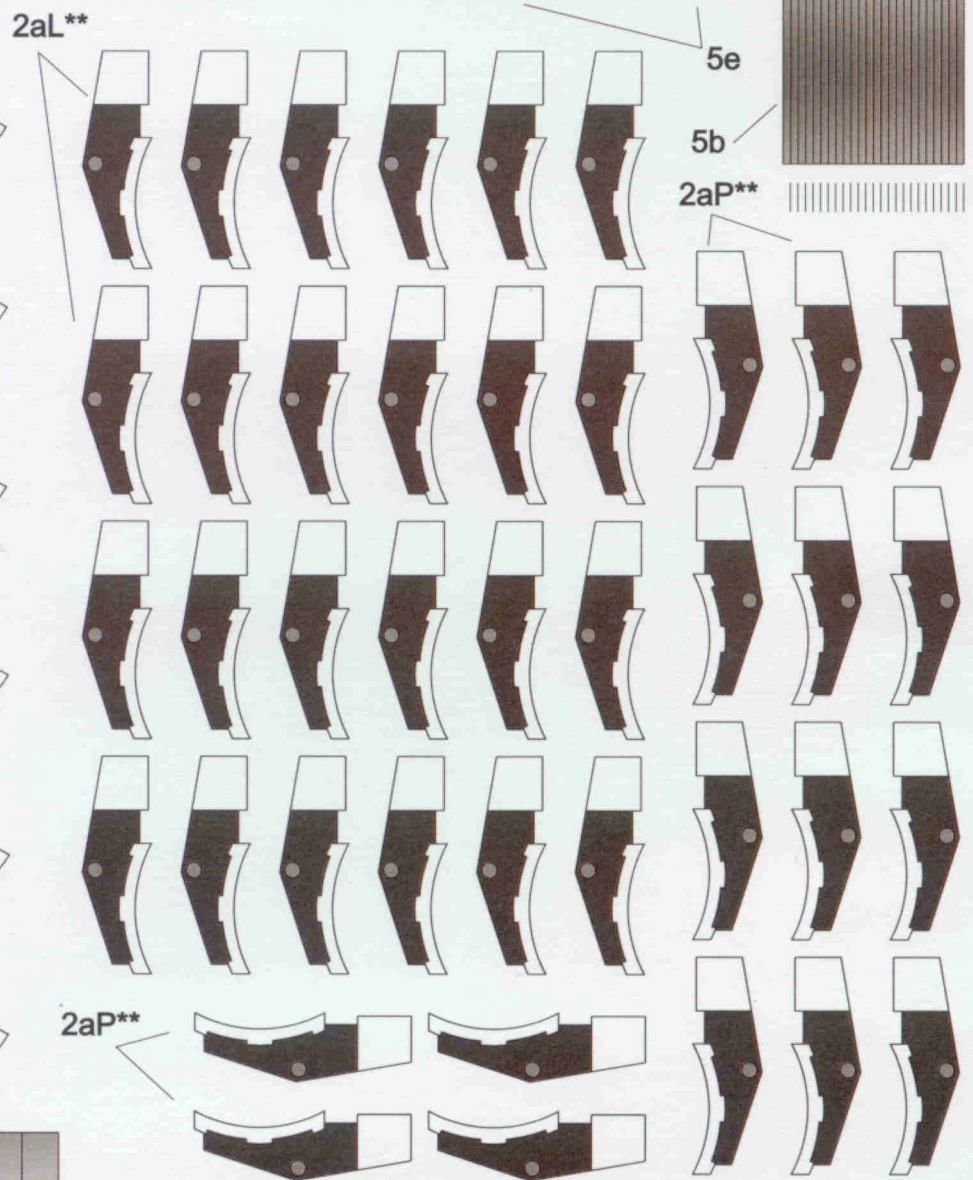
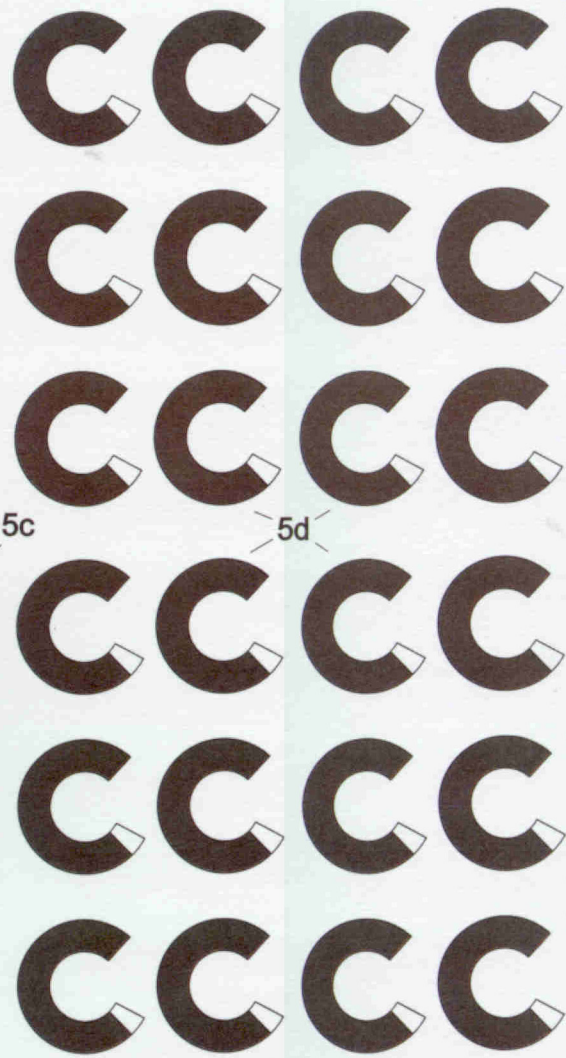
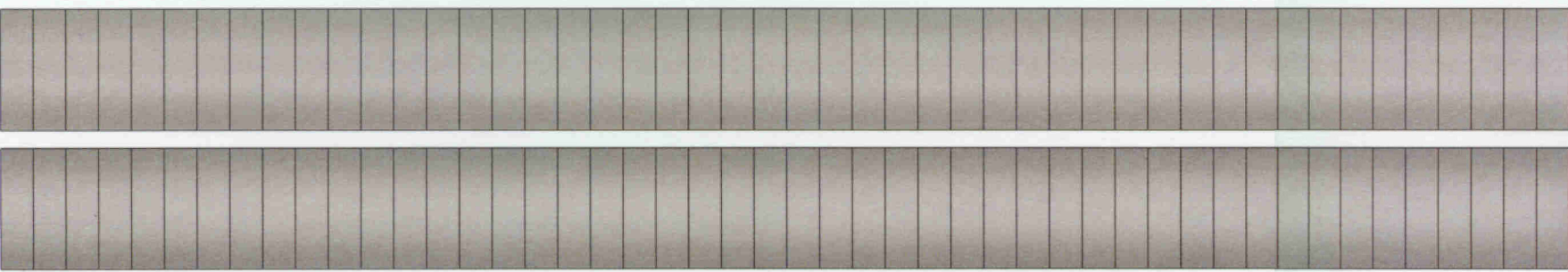
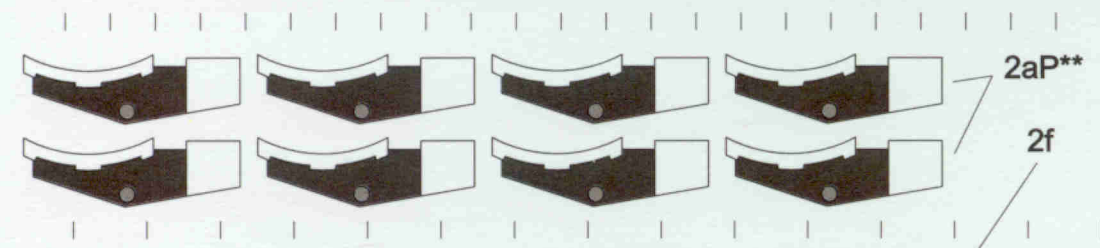
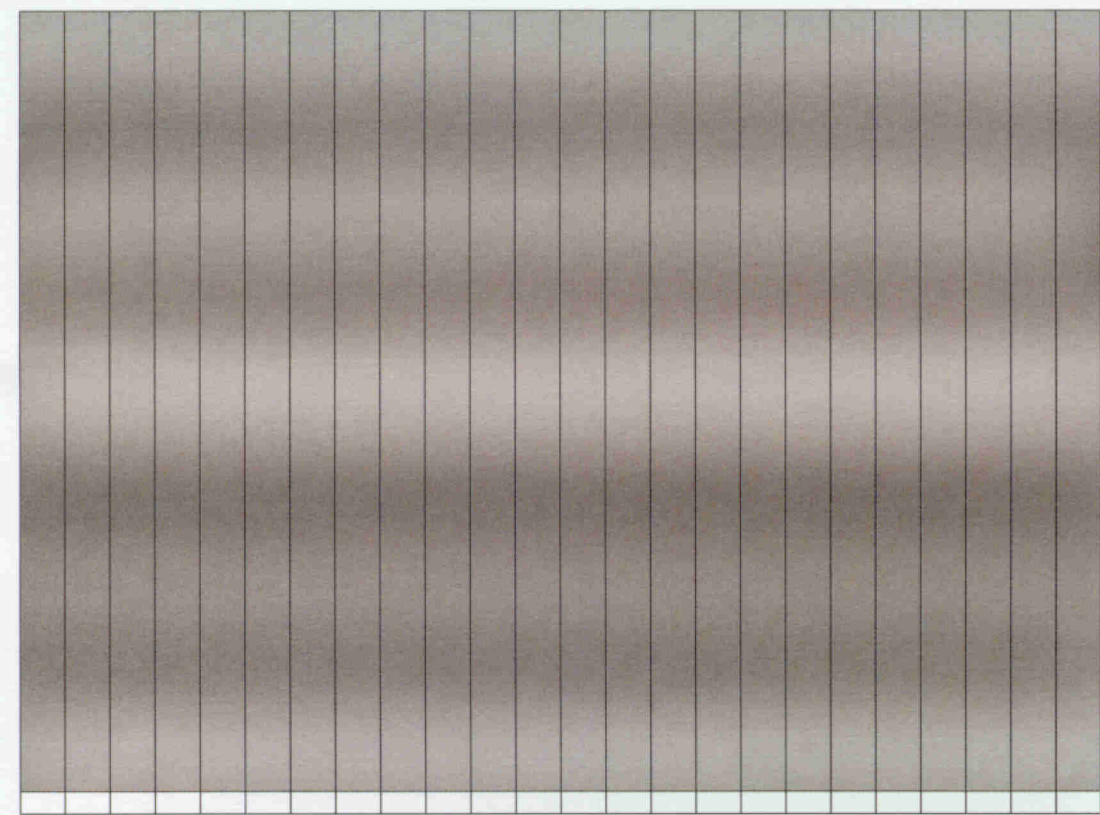
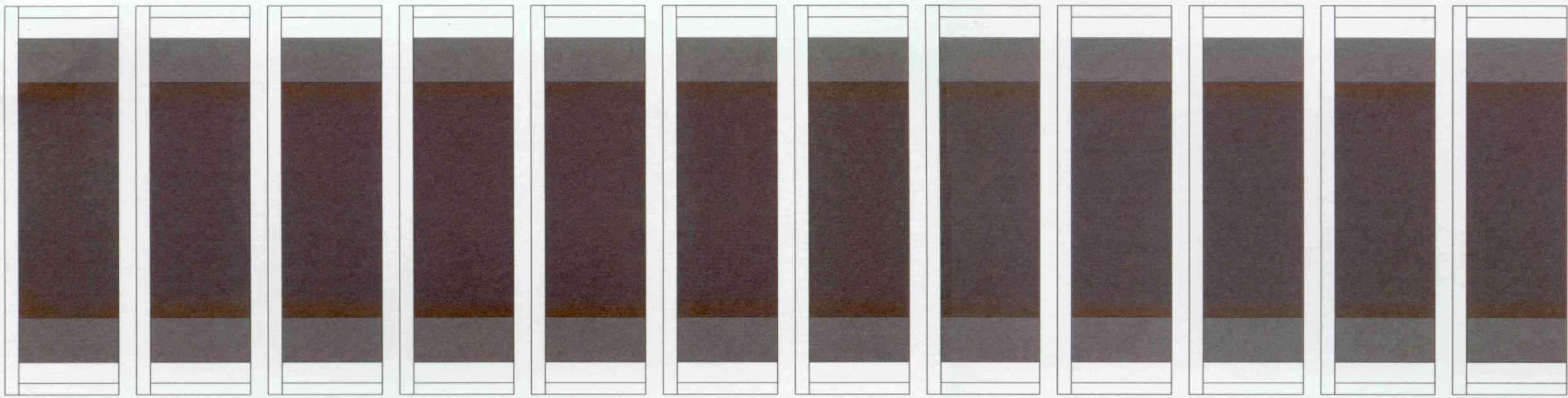
5a\*

5a\*

5a\*

5a\*





2aL\*\*

5c

5d

5e

5b

2aP\*\*

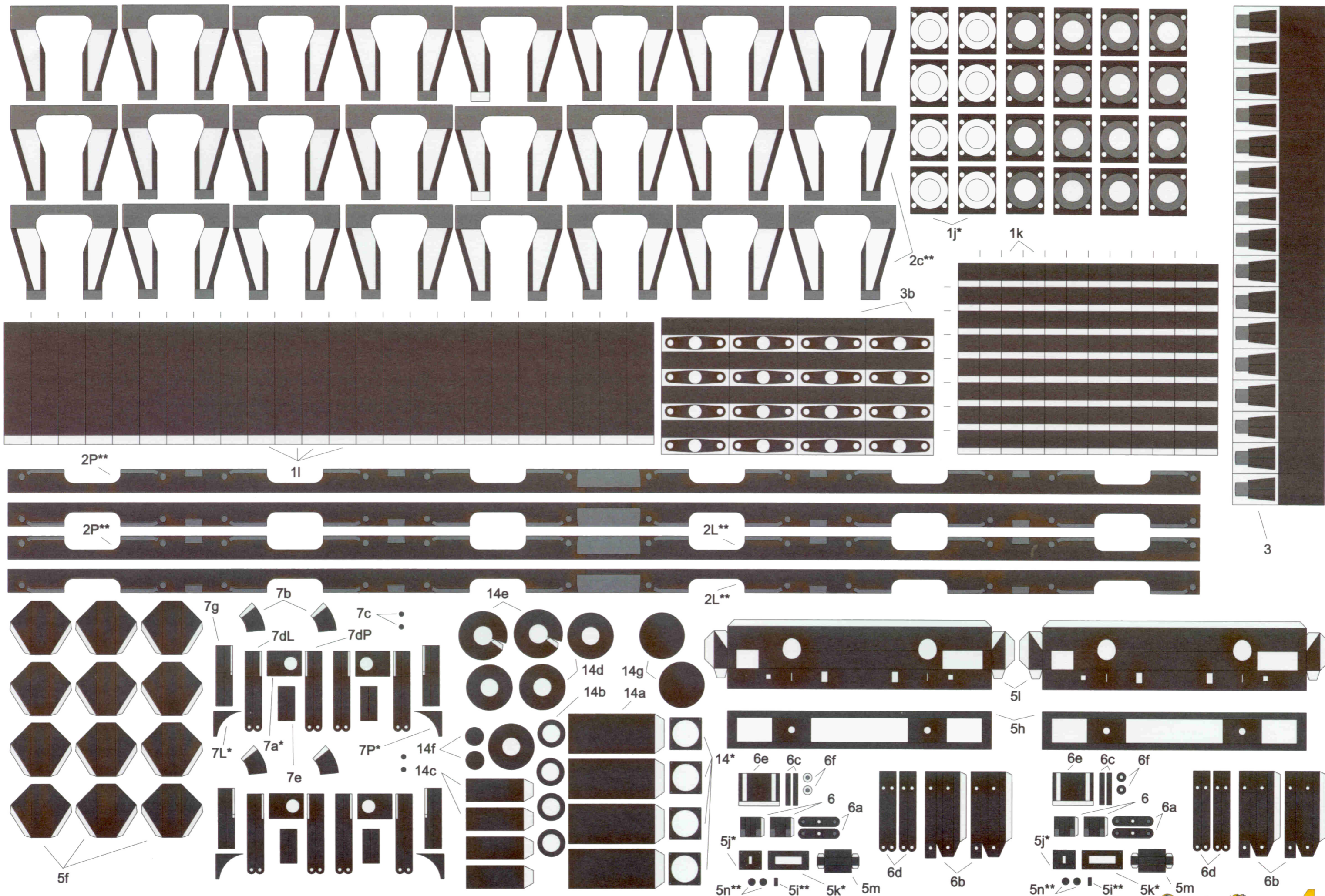
2eP

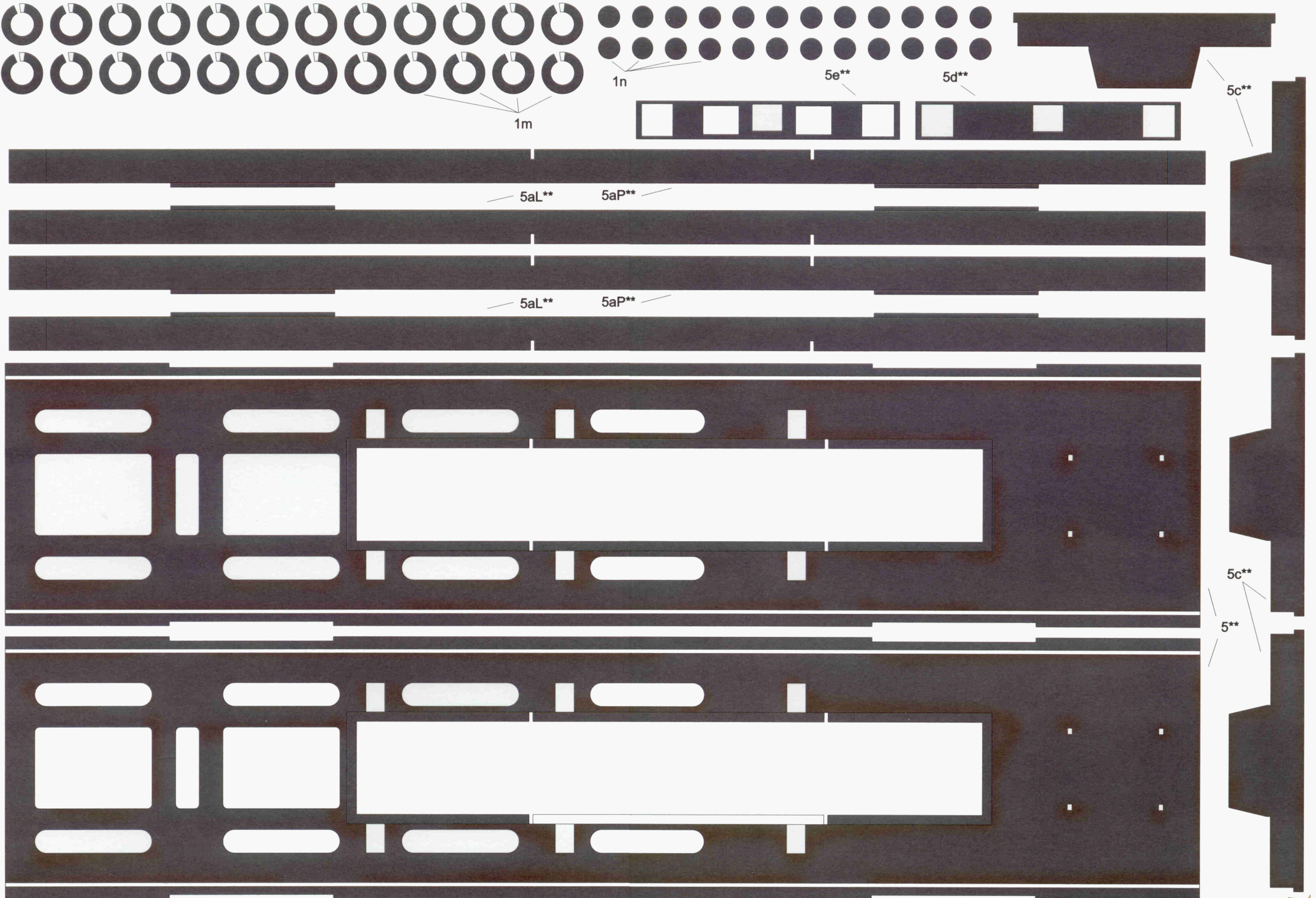
2aP\*\*

2f

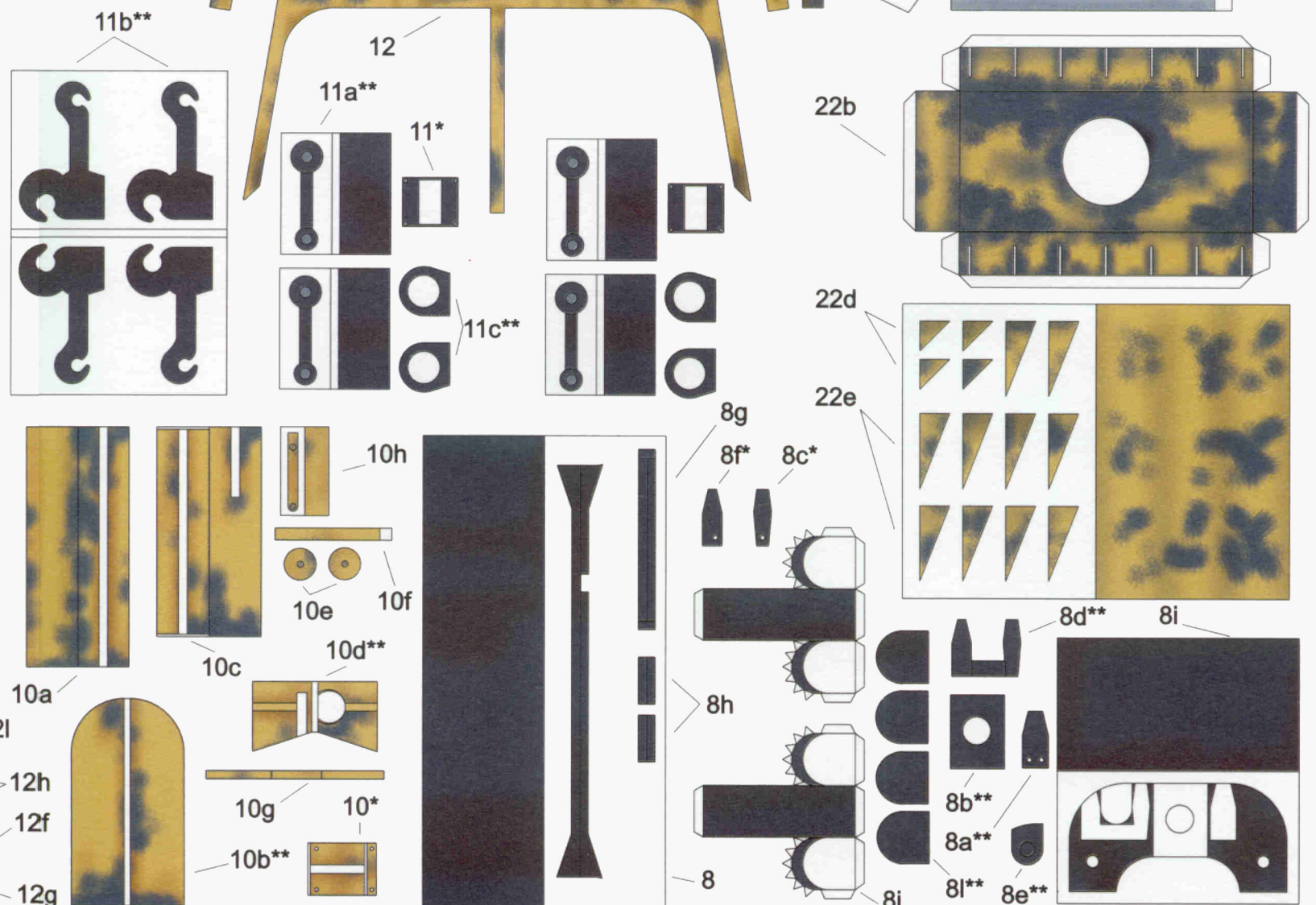
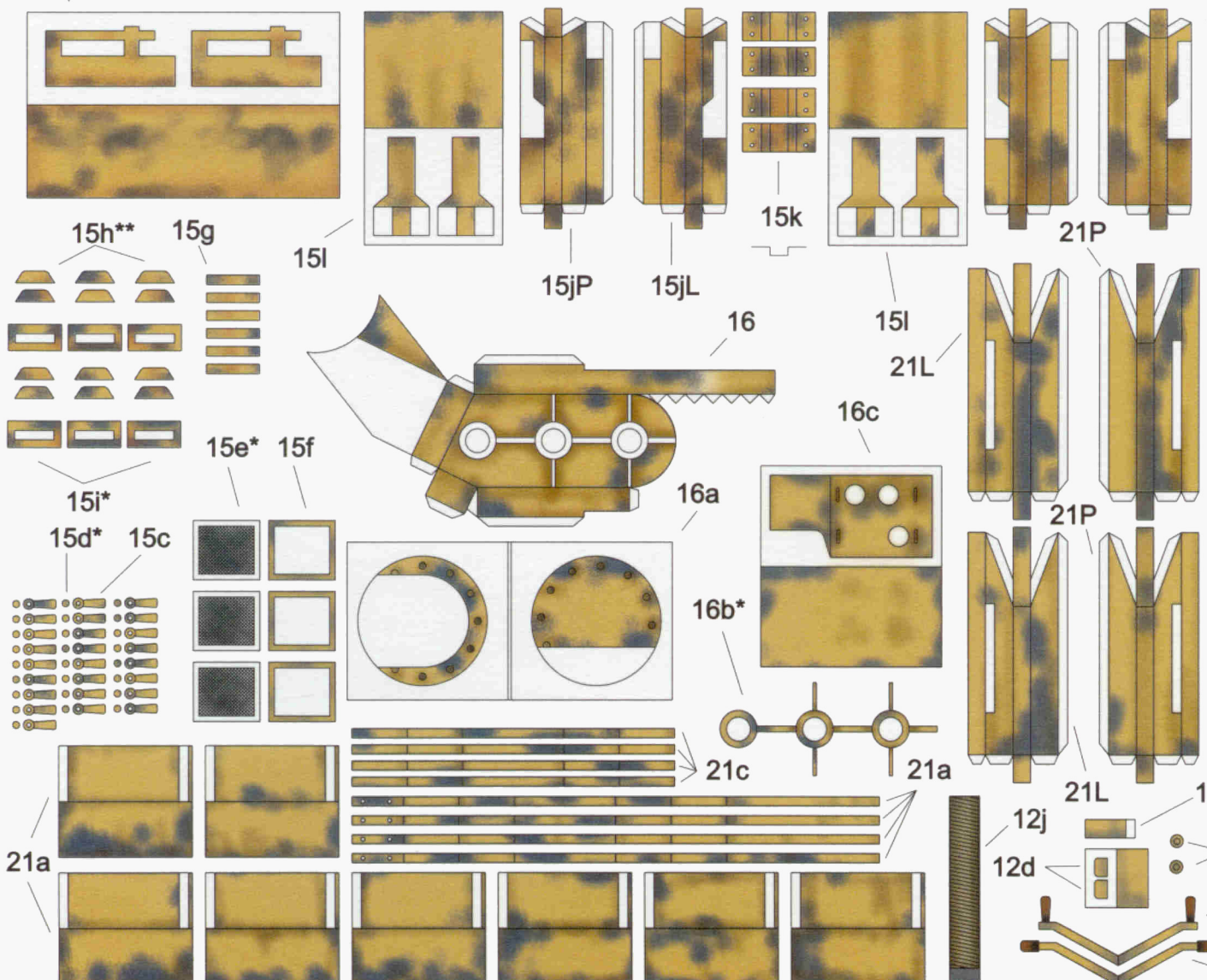
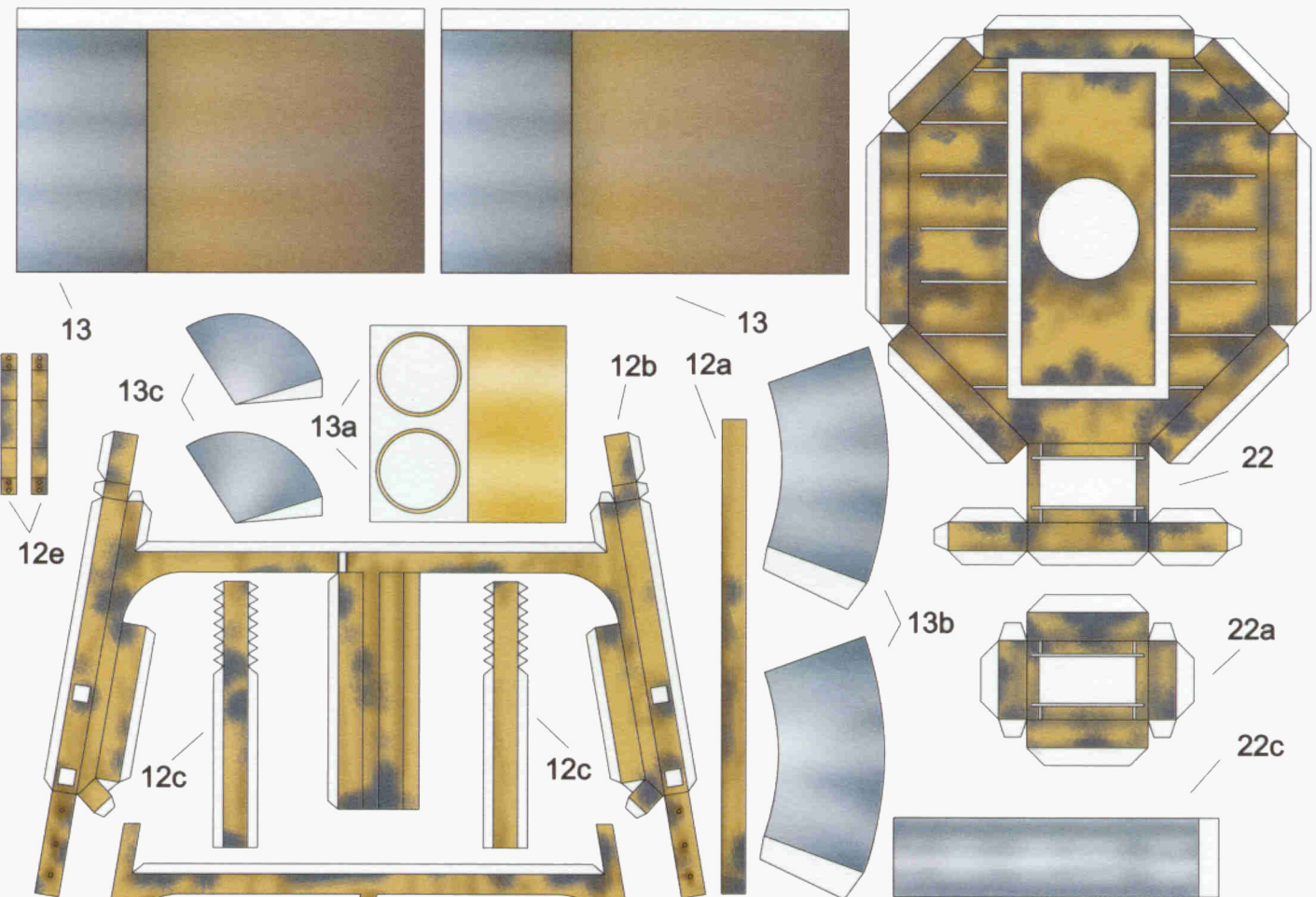
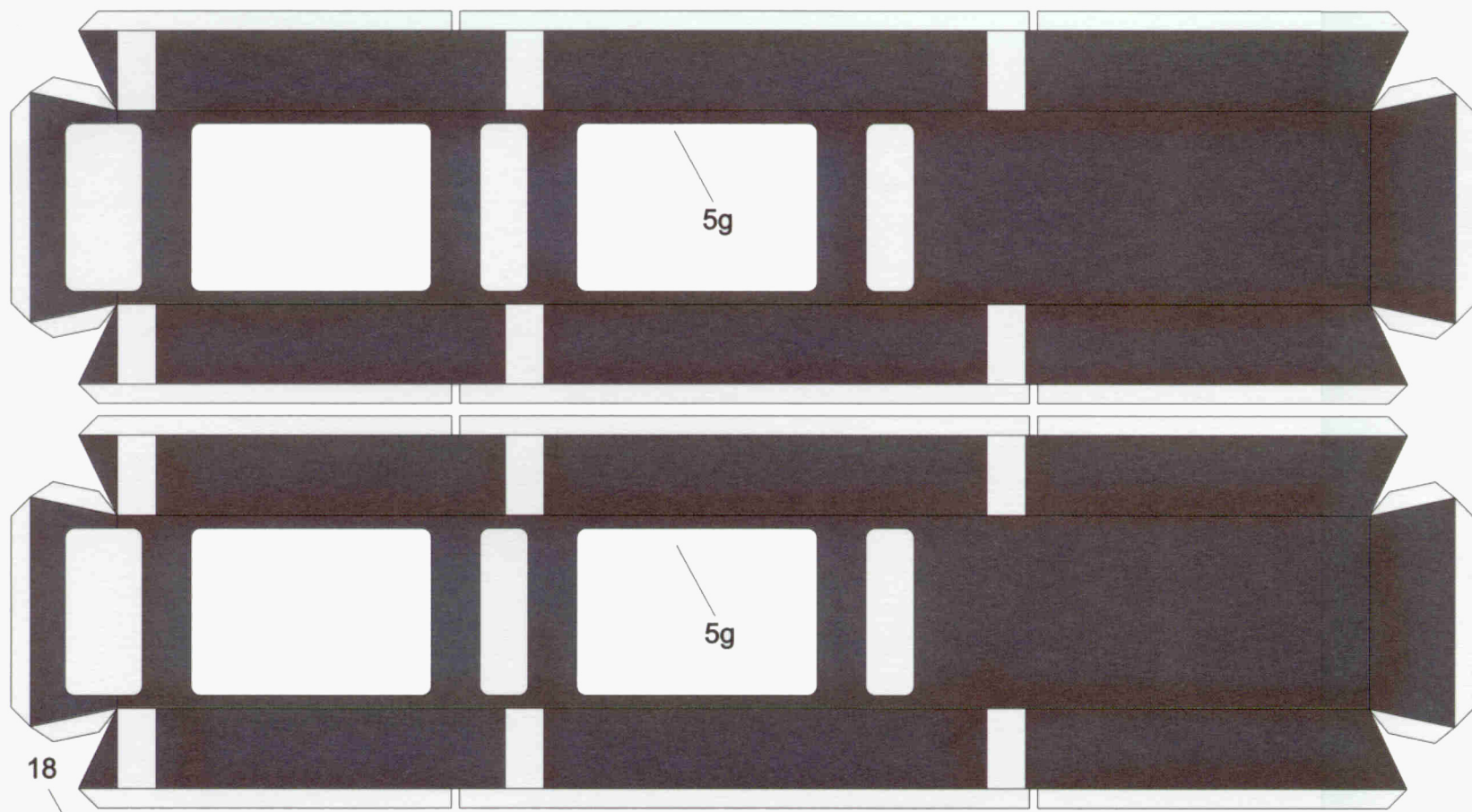
2eL

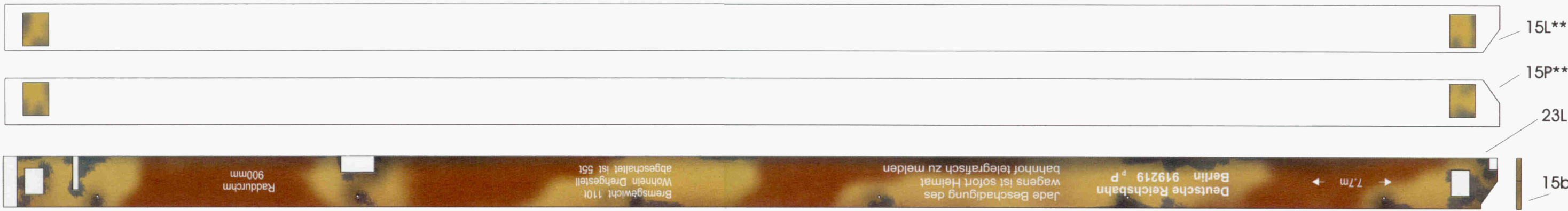
2d



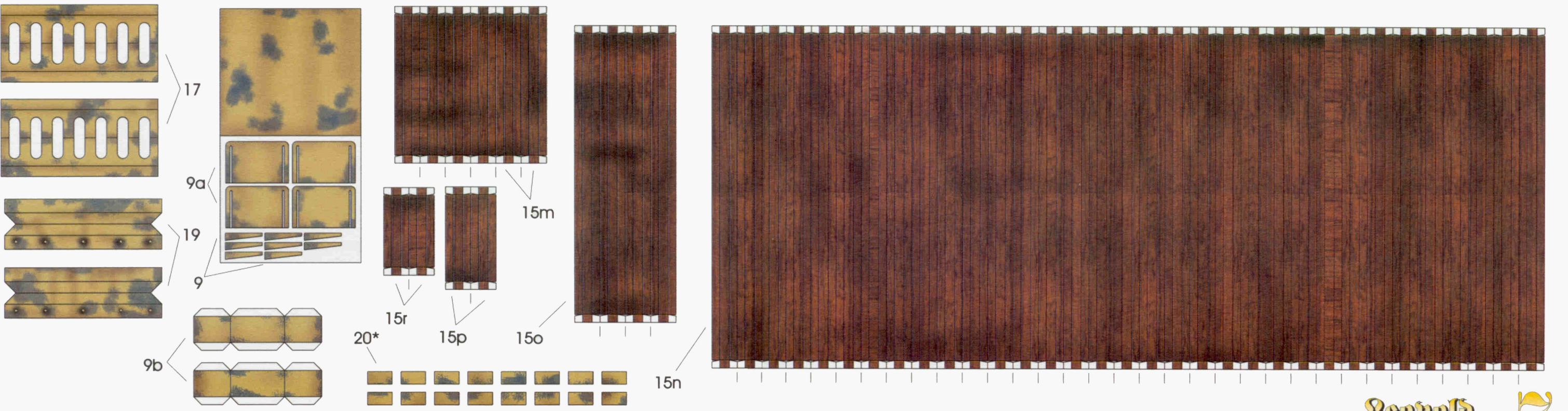
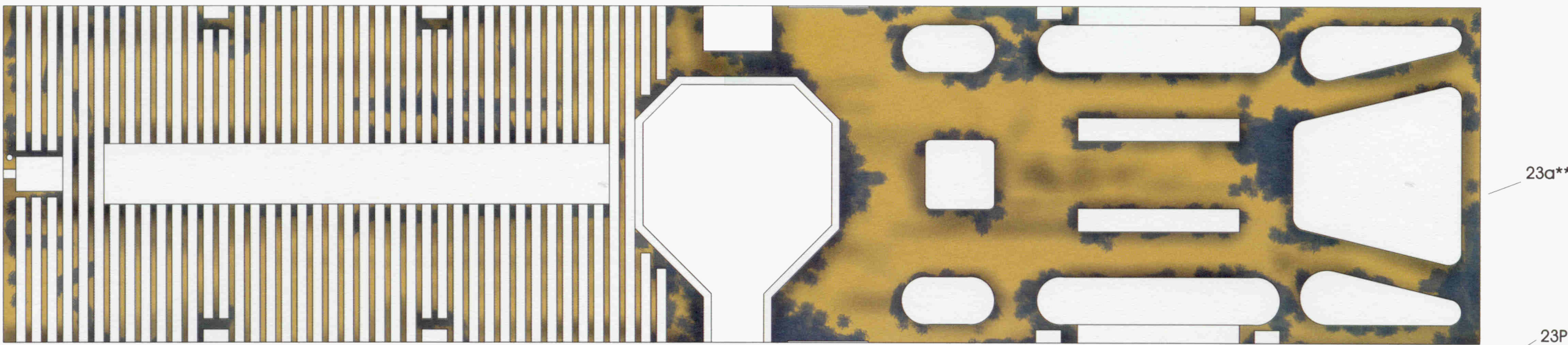


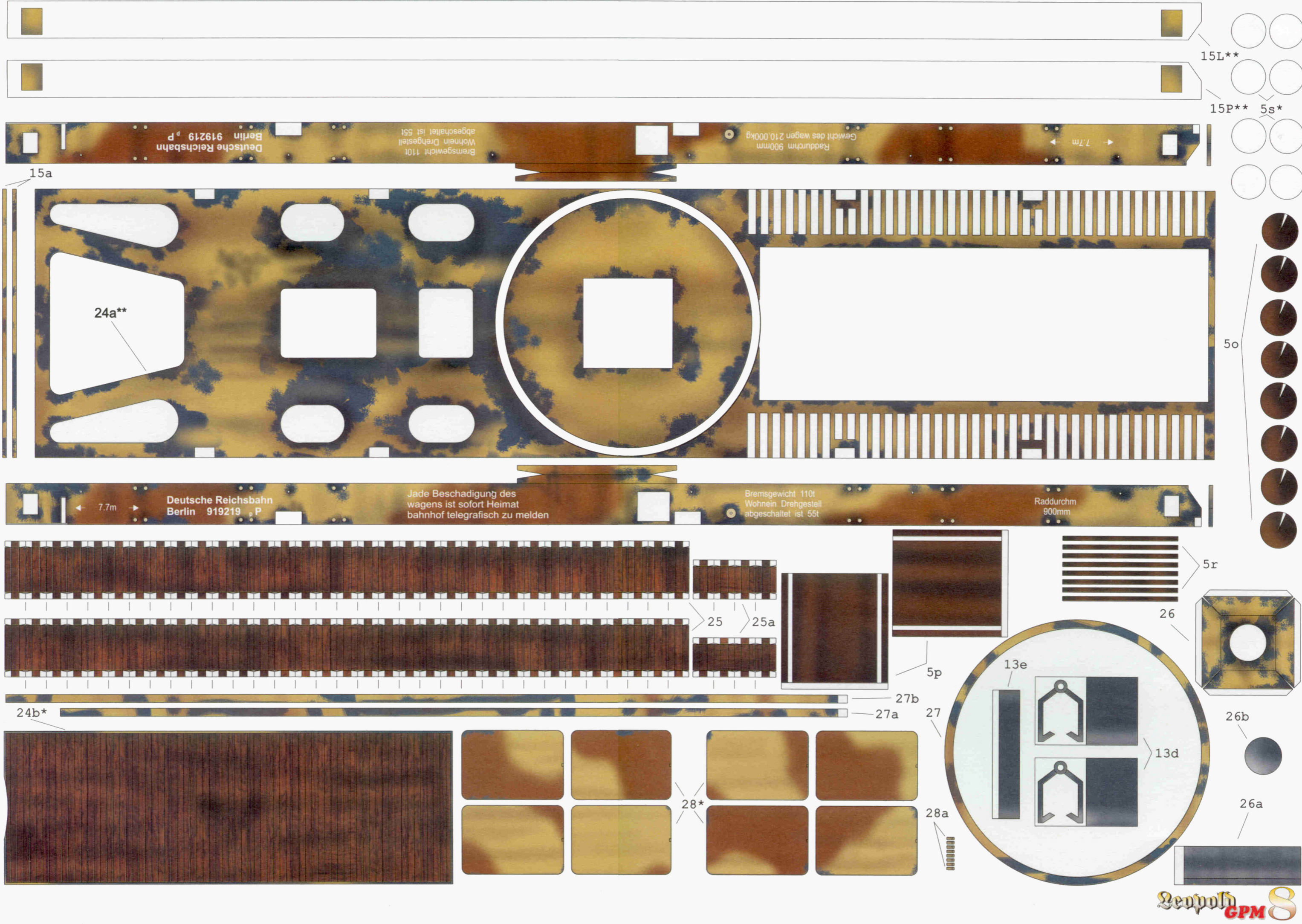




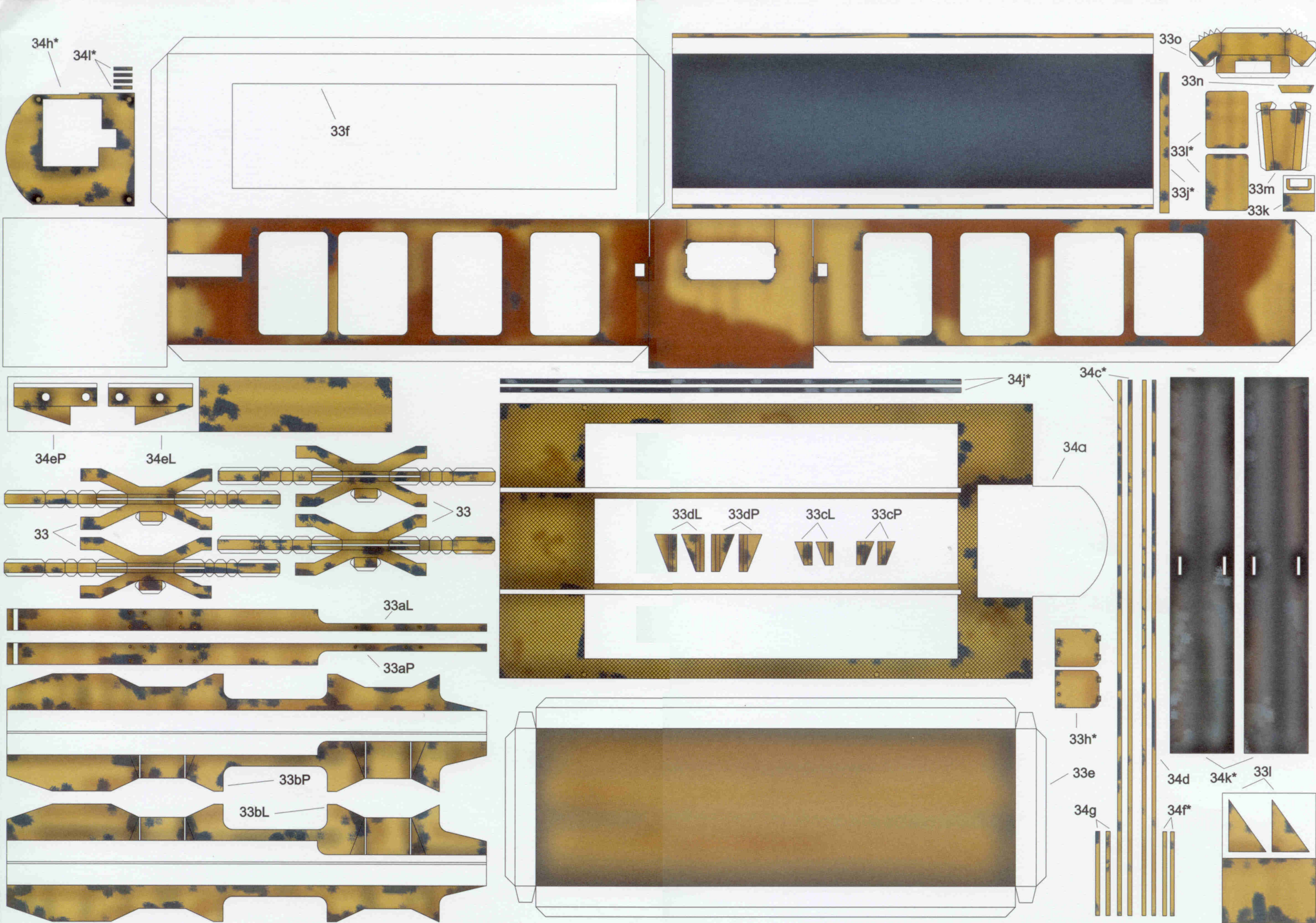


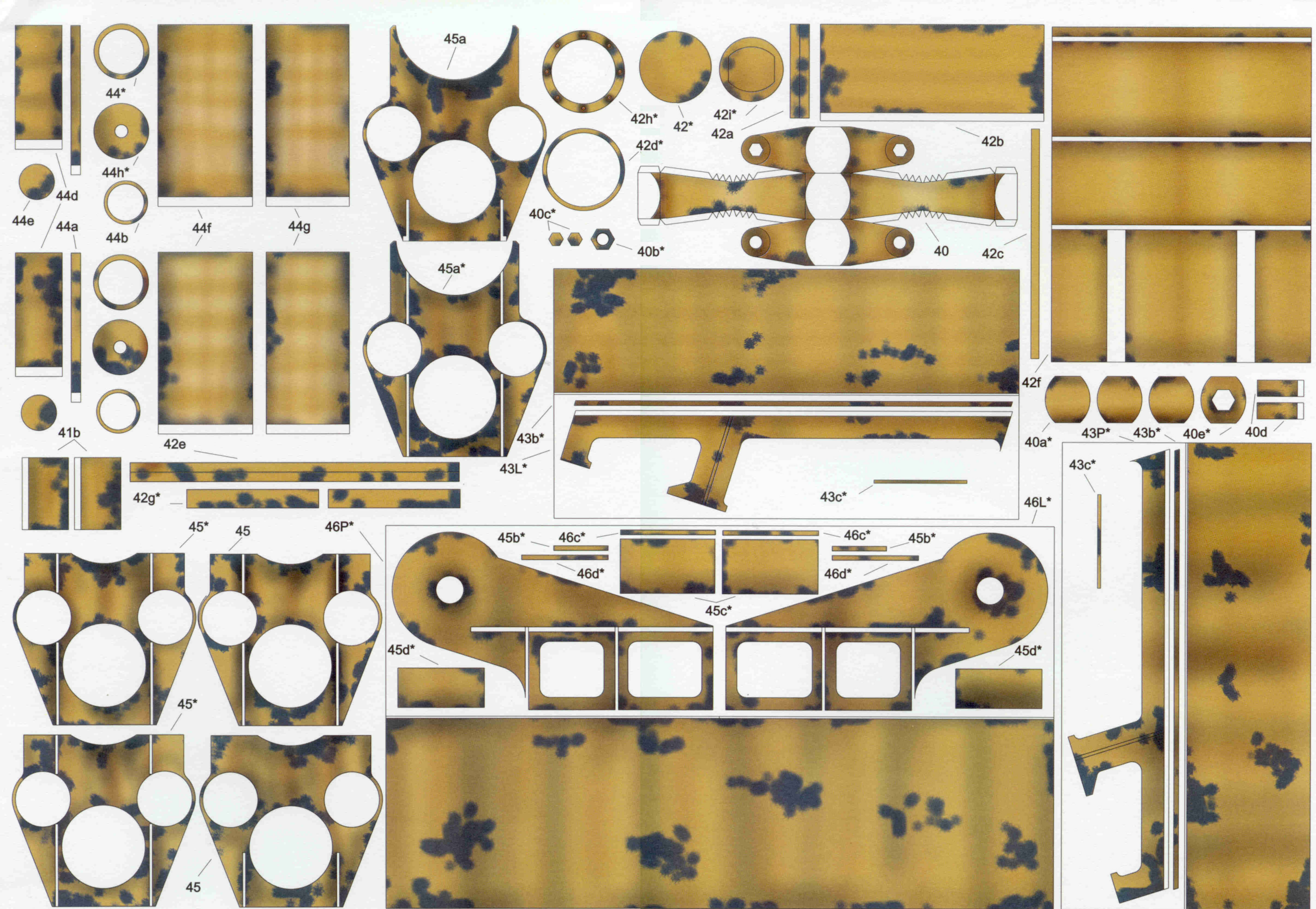
15a

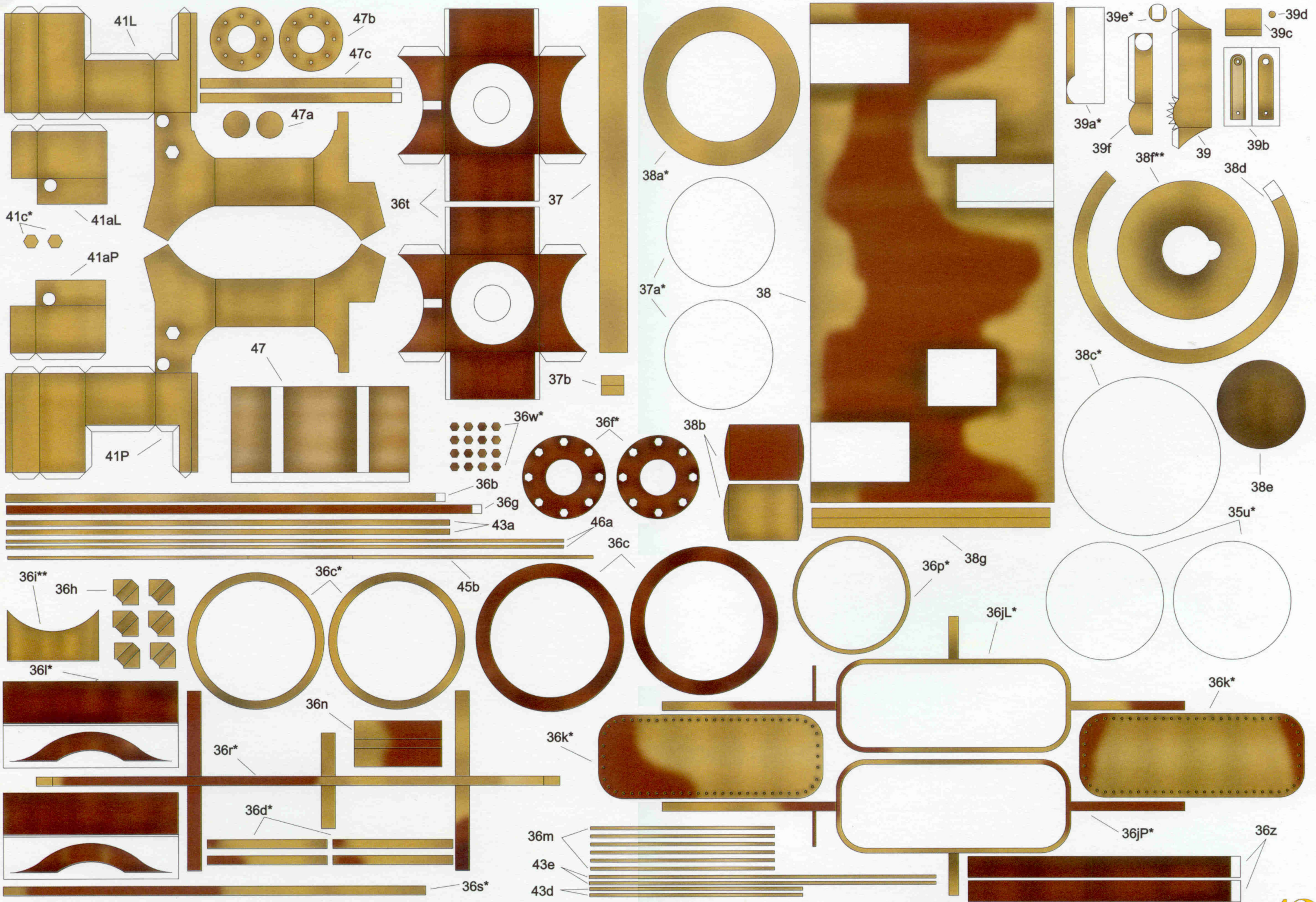


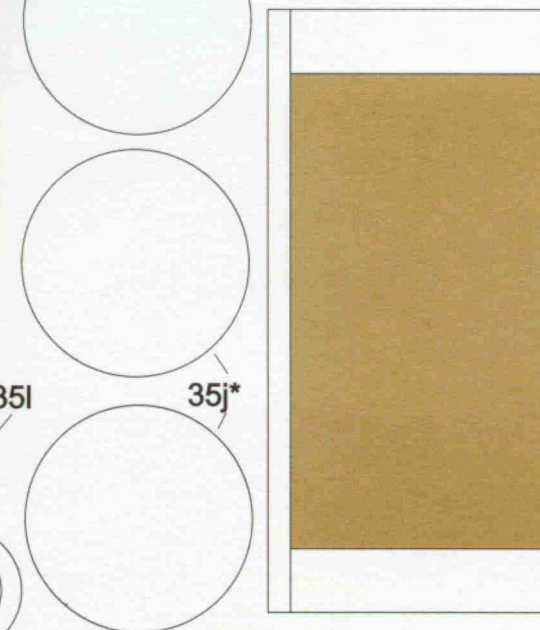
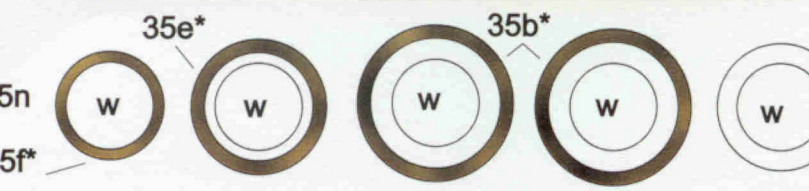
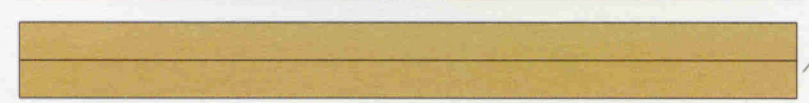
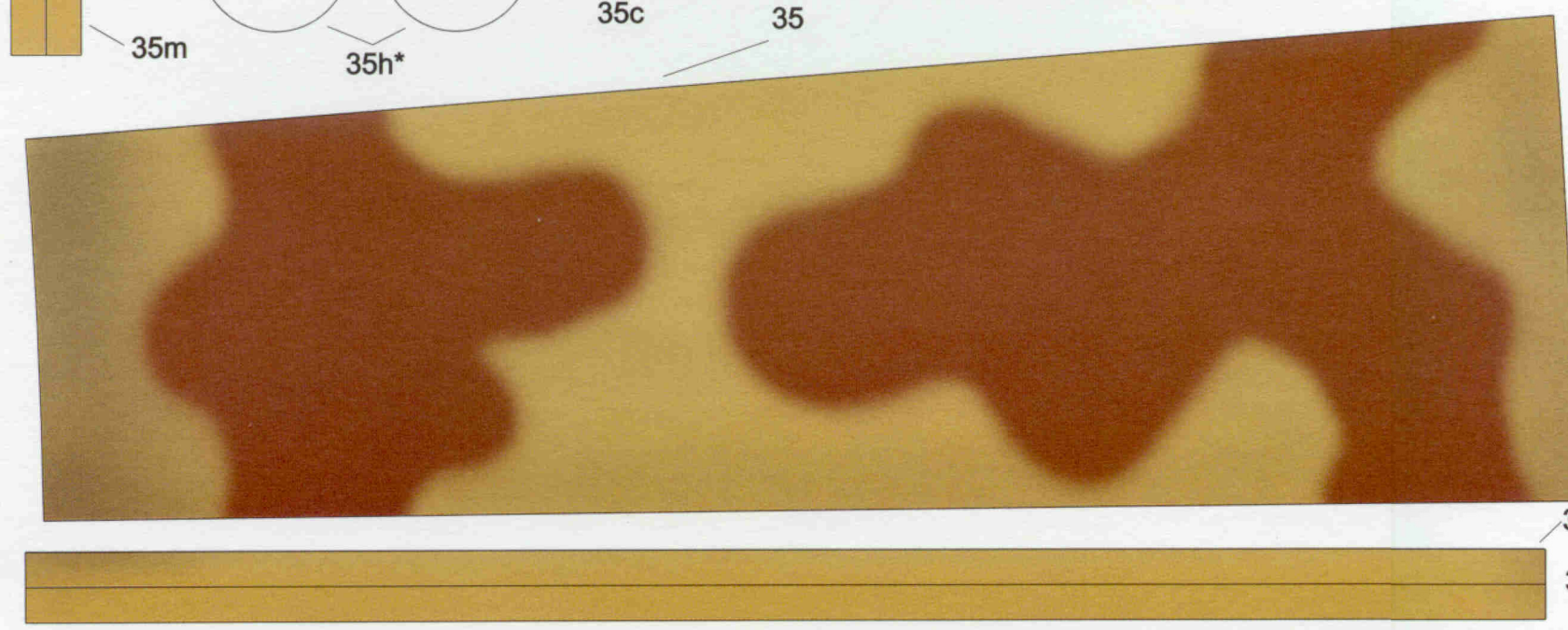
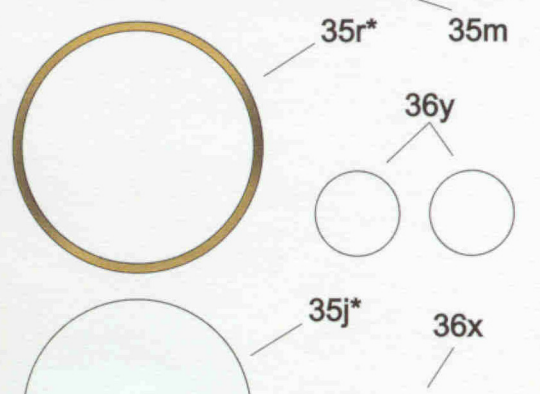
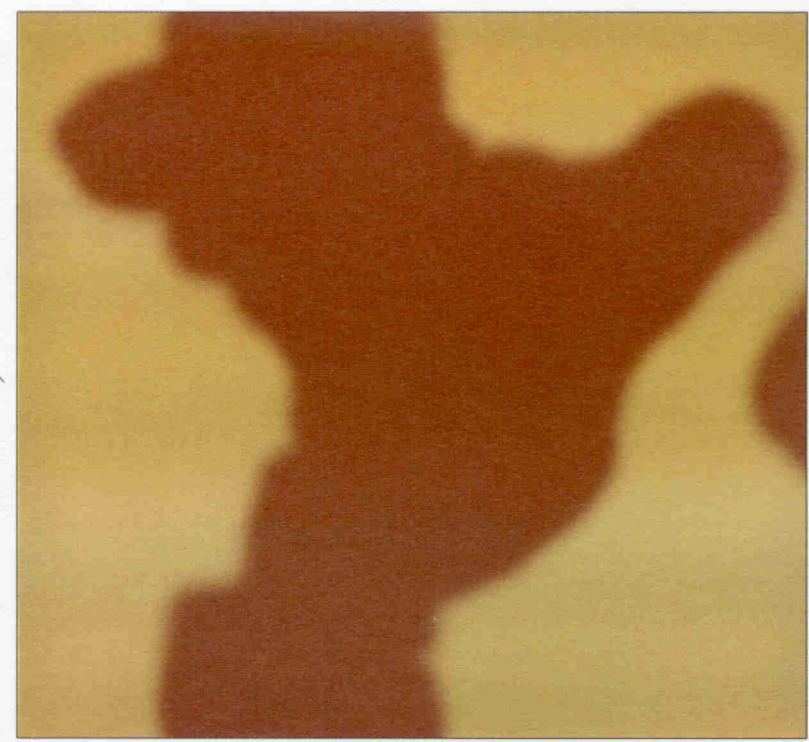
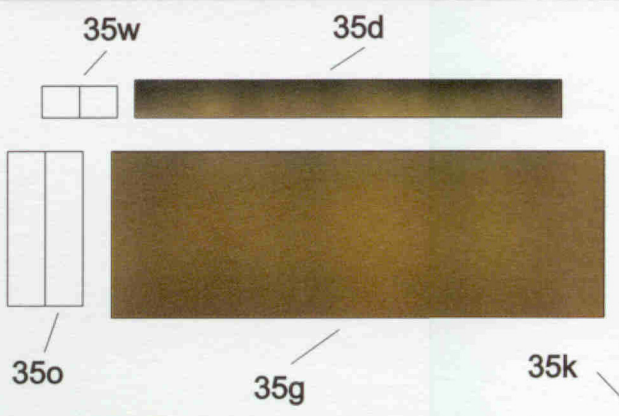
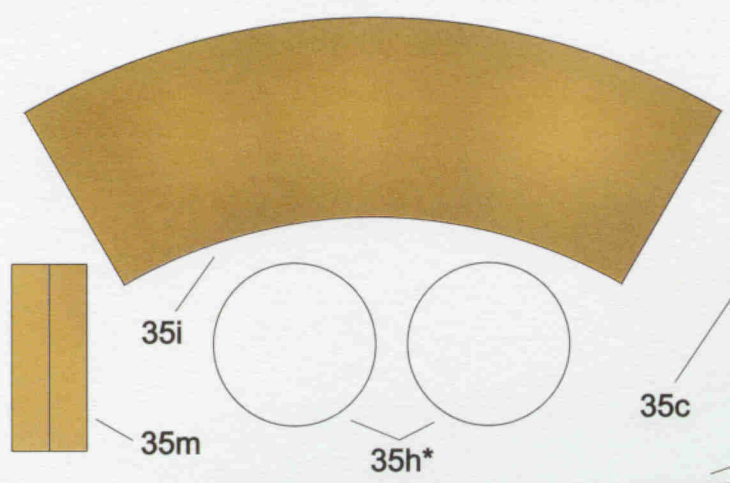
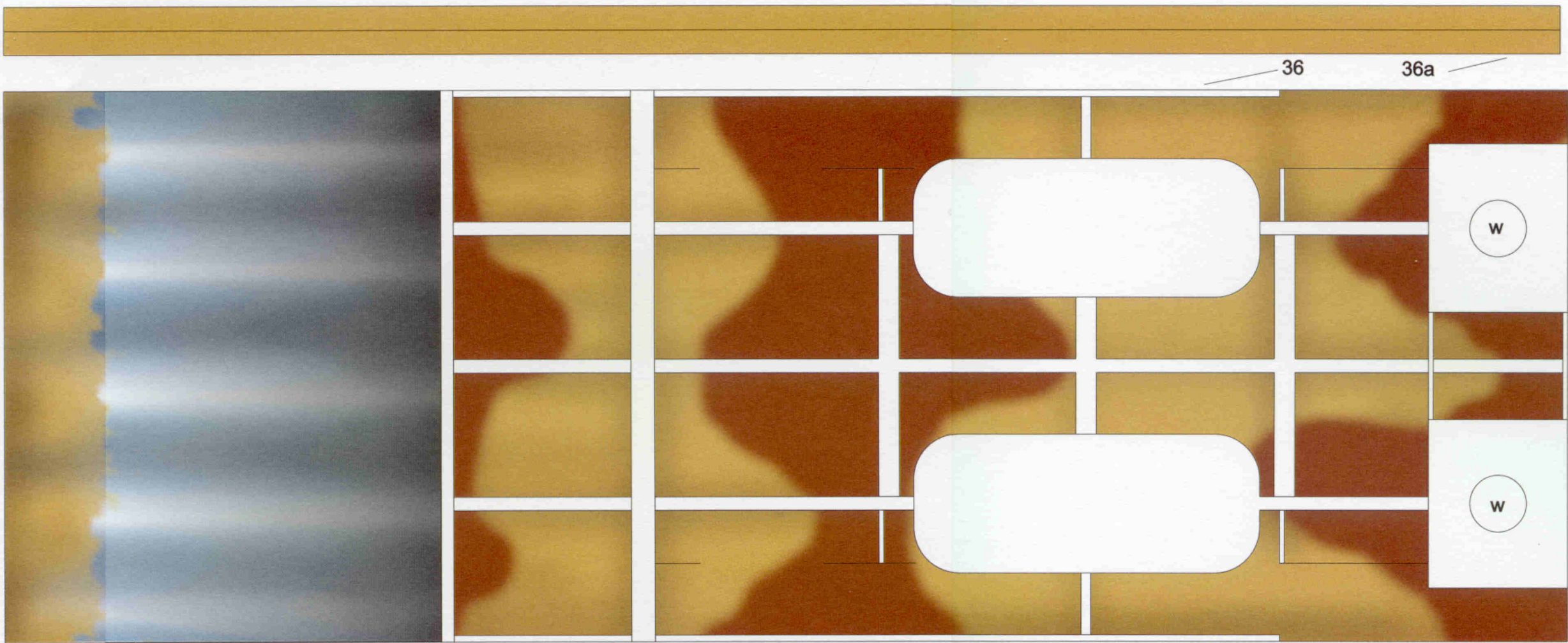




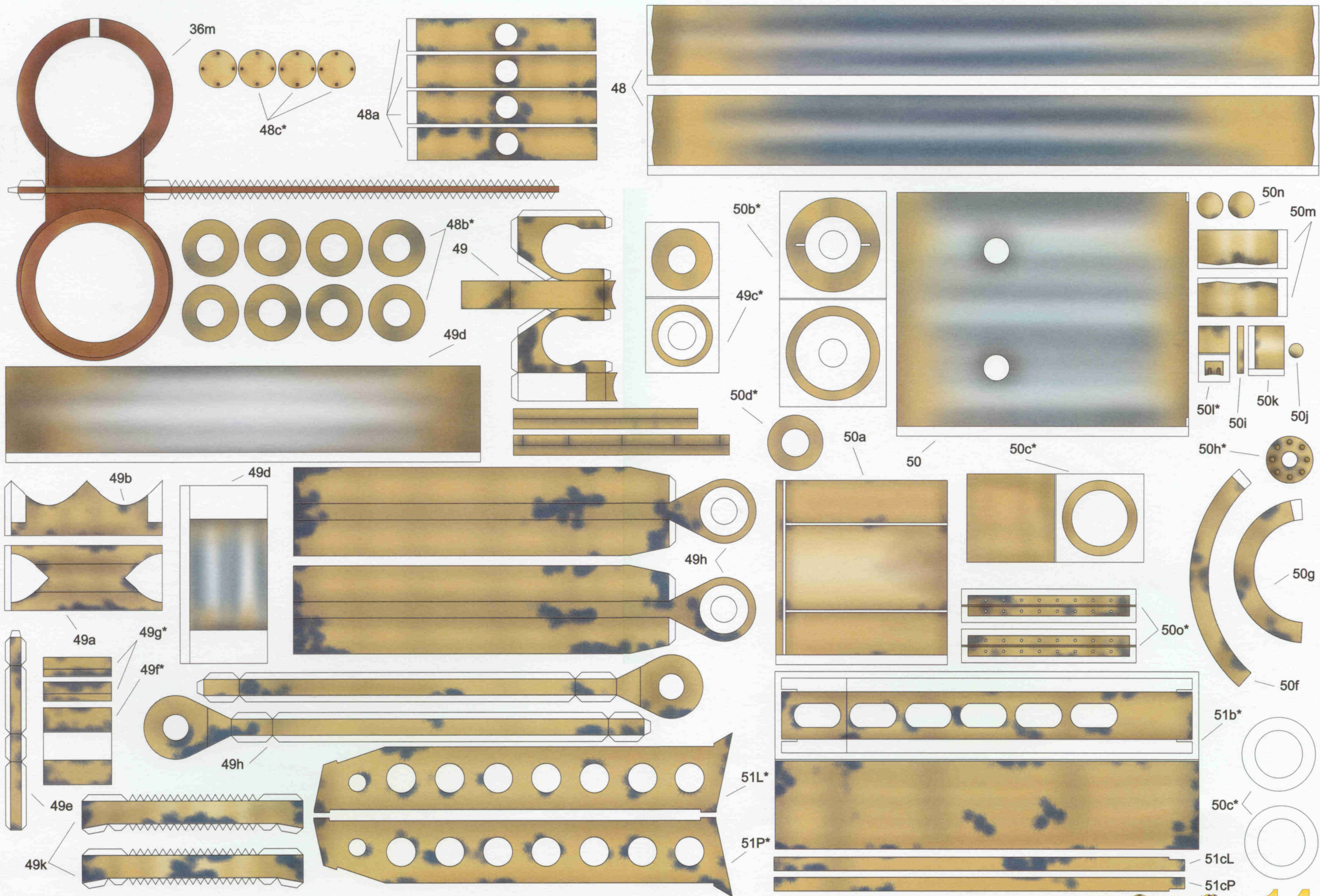


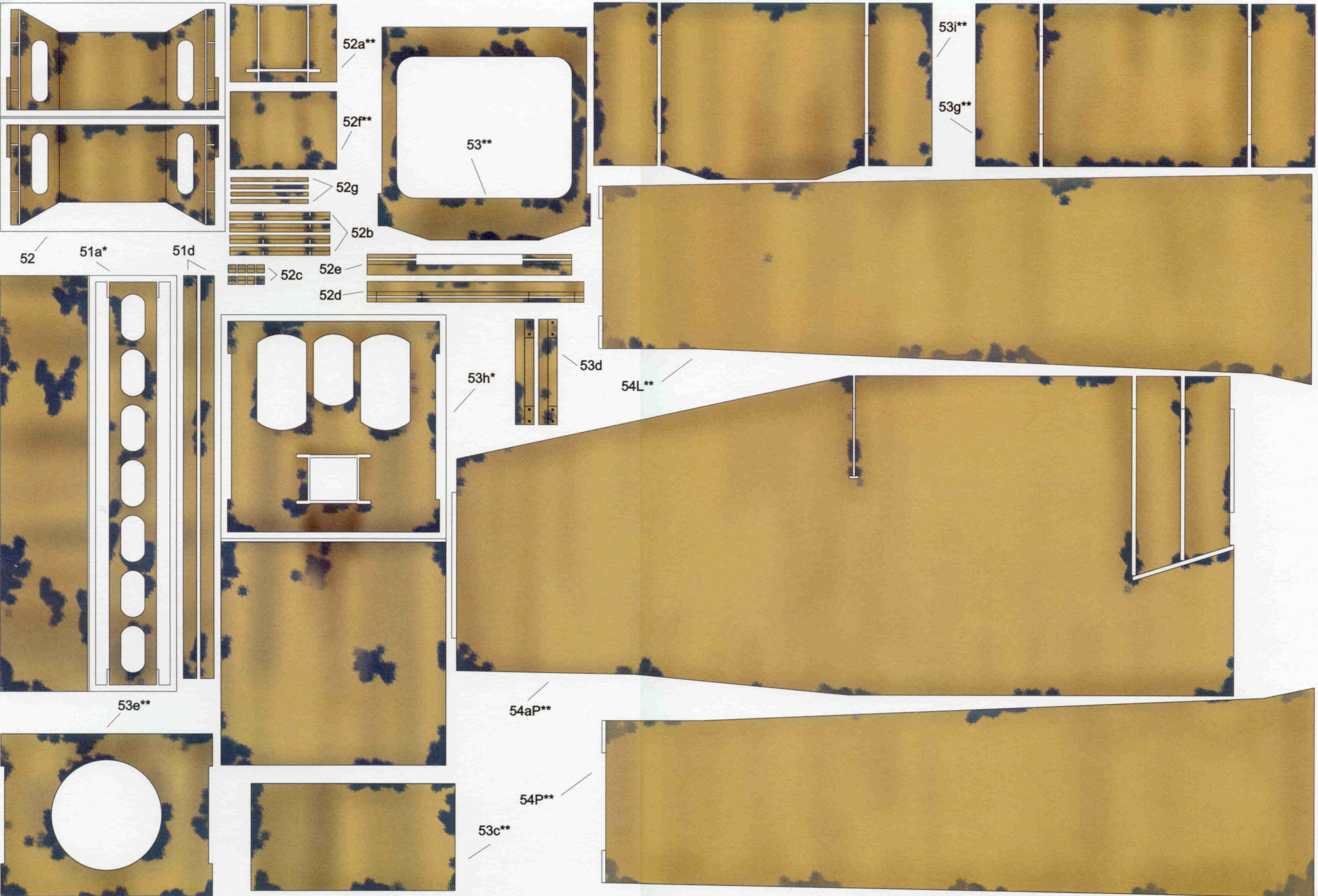


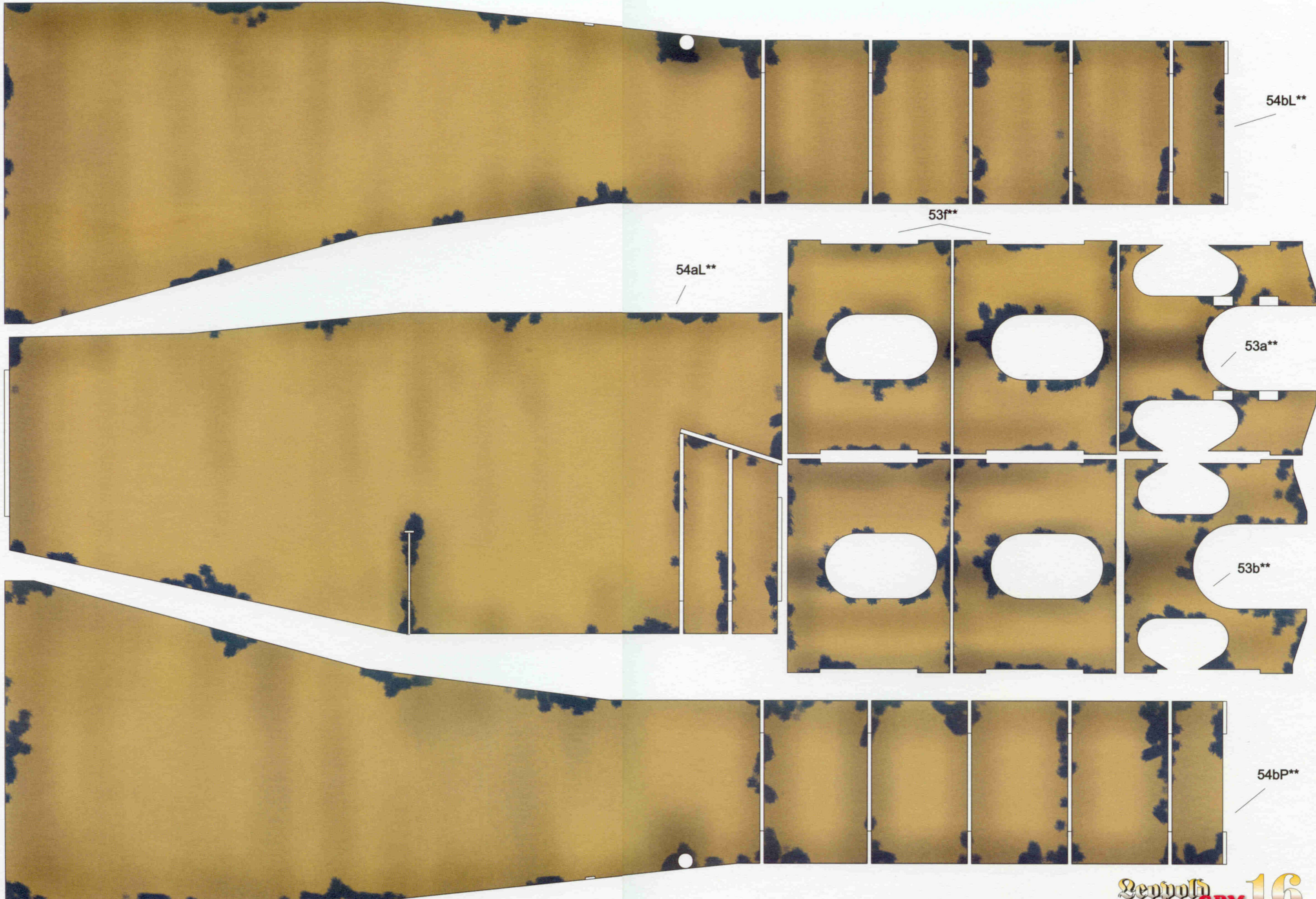


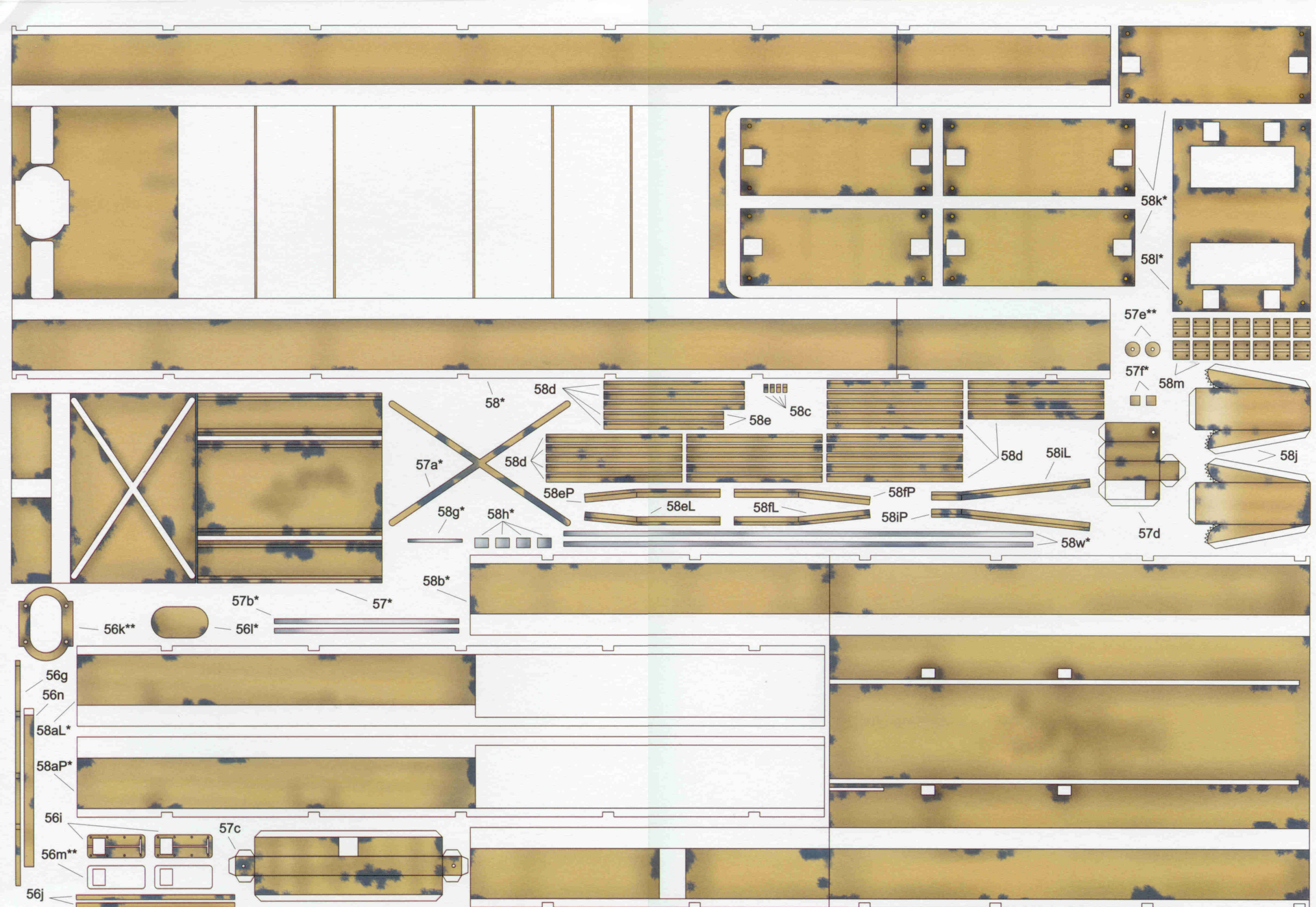


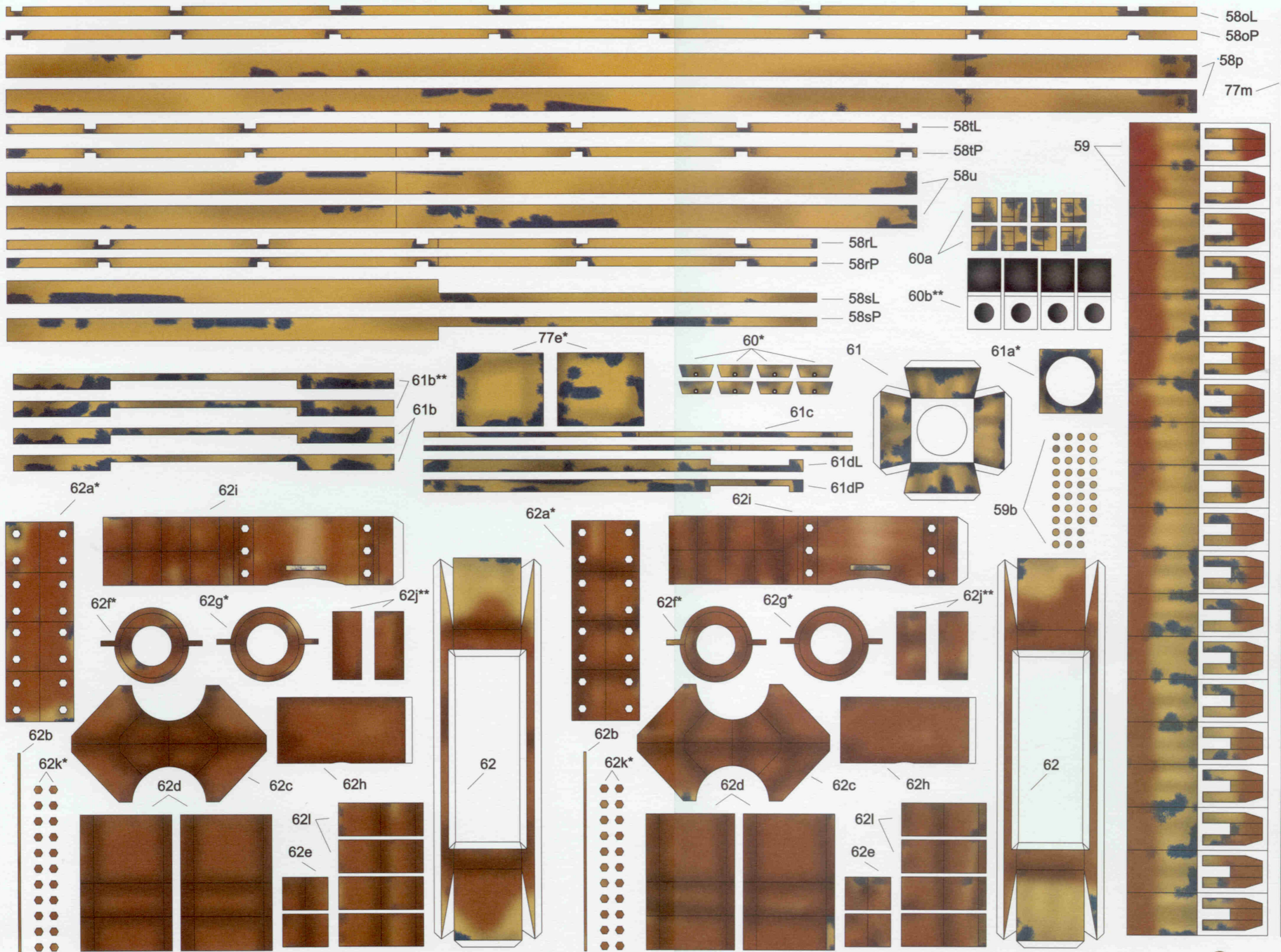


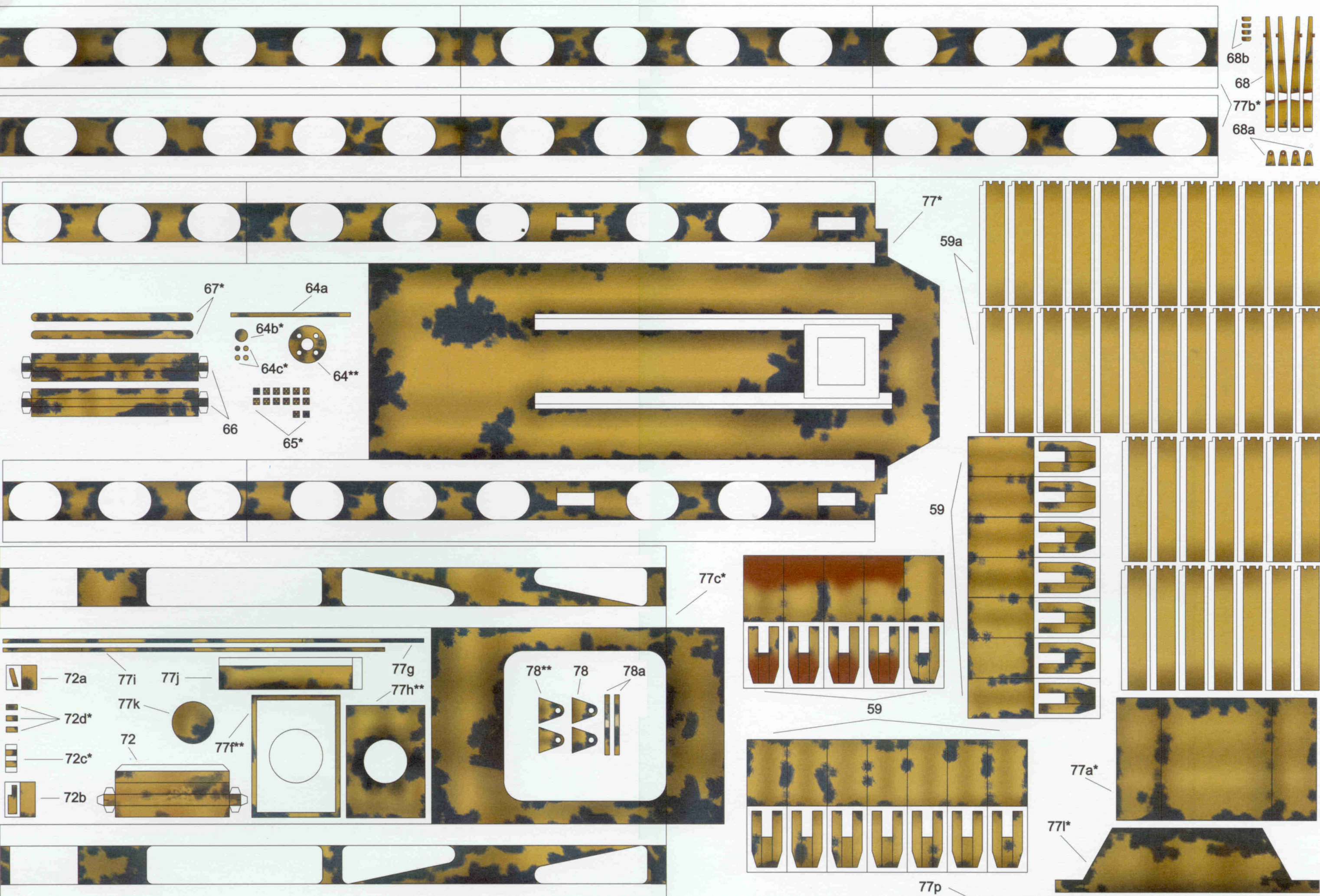
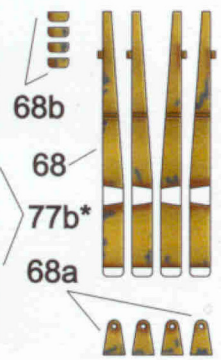














76aL\*\*

Dessart Berlin W353

Spezialwagen

Zeopold

Bahnhof Wustermark Vbf

Deutsche Reichsbahn Berlin 919219<sup>p</sup>

L.U.P  
Gewicht des wagen 210.000 Kg  
29.2m

76aP\*\*

L.U.P  
Gewicht des wagen 210.000 Kg  
29.2m

Spezialwagen

Deutsche Reichsbahn Berlin 919219<sup>p</sup>

Bahnhof Wustermark Vbf

Zeopold

Dessart Berlin W353

175 t  
7.20 t/m

Hildebrand-Knorr-Bremse [P]

193.45.19341 Unt Rk 19 6.42

77m

100

76L\*\*

Zeopold

GPM 21



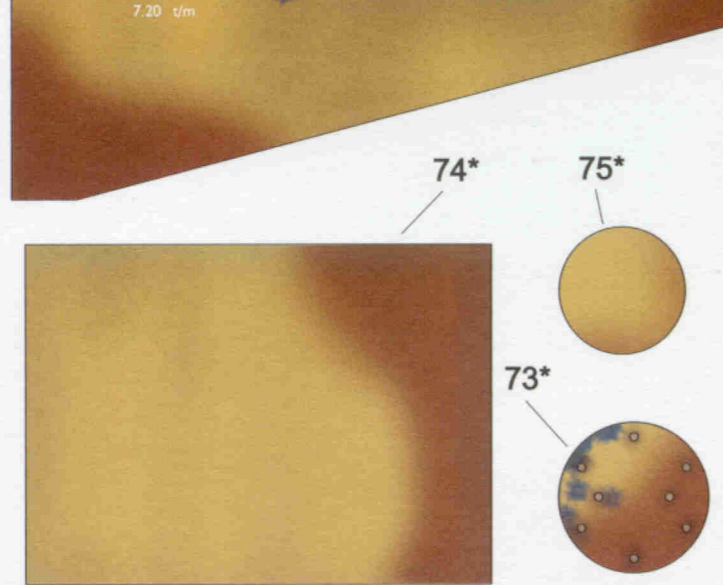


76P\*\*

Hildebrand-Knorr-Bremse [P]

Nachste ZwrBr 19.9.43-19.344 Unt Rk 19 6.42

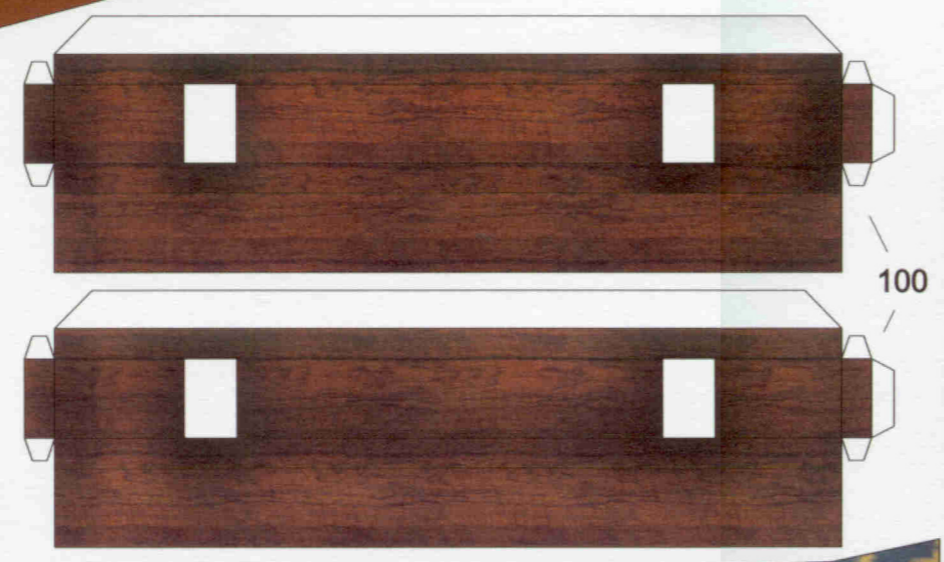
17.5 t  
7.20 t/m



74\*

75\*

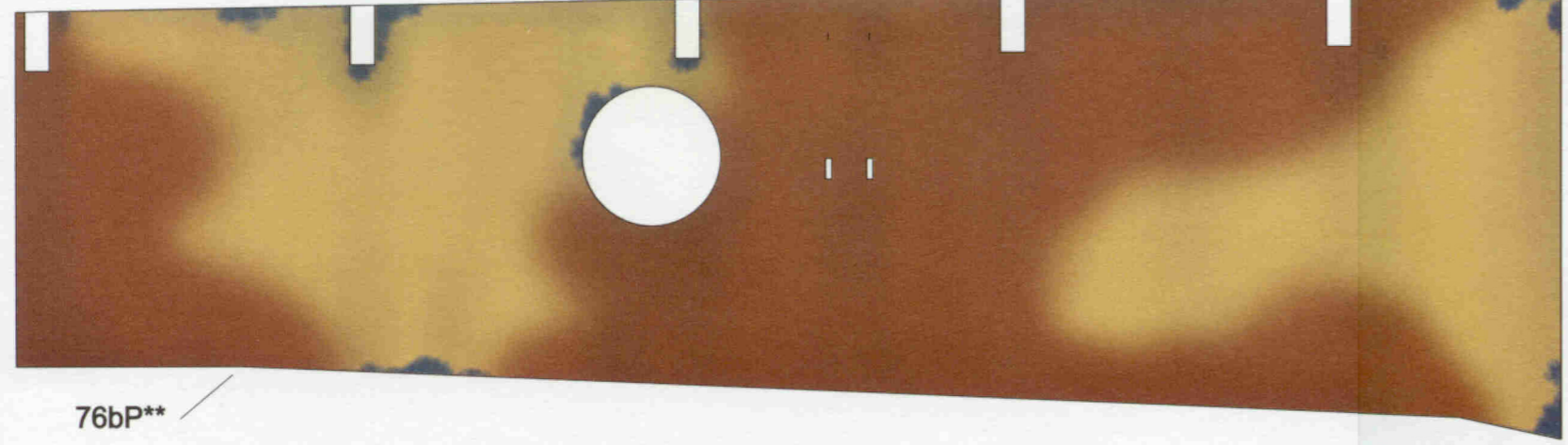
73\*



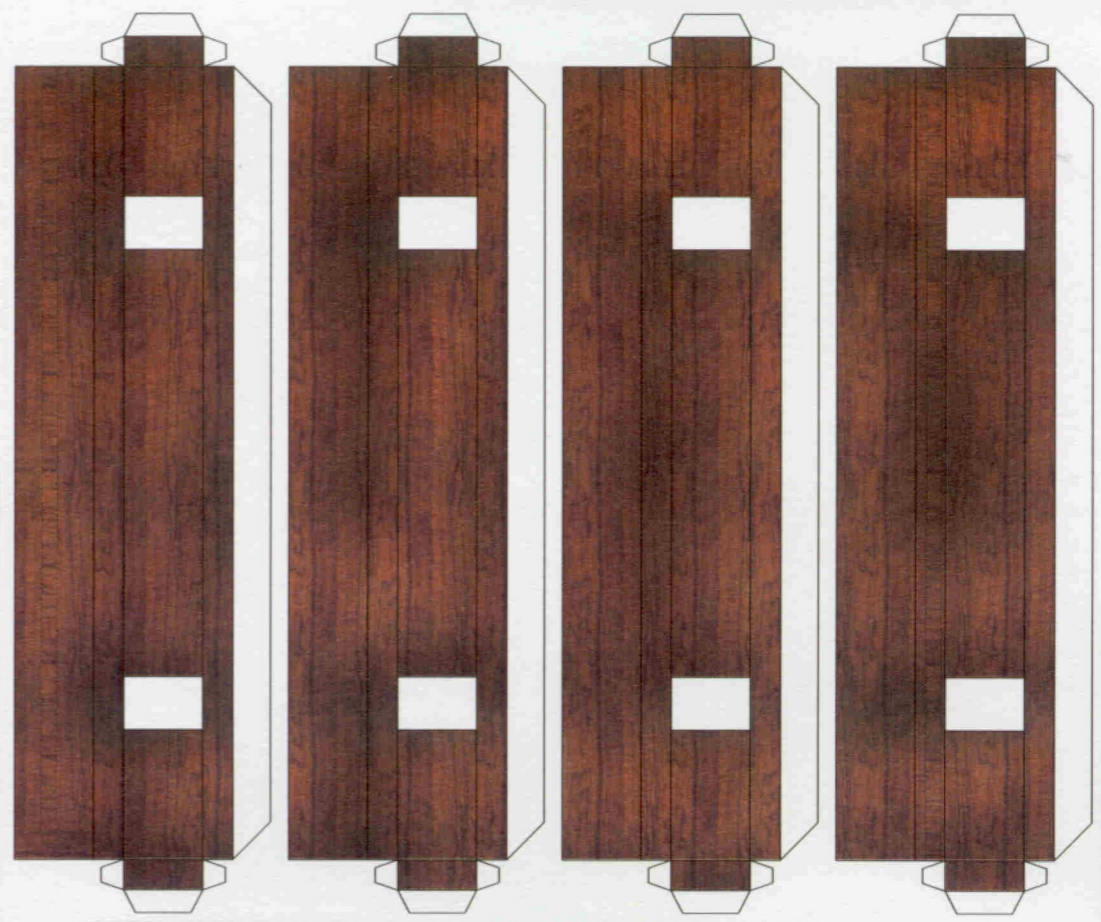
100



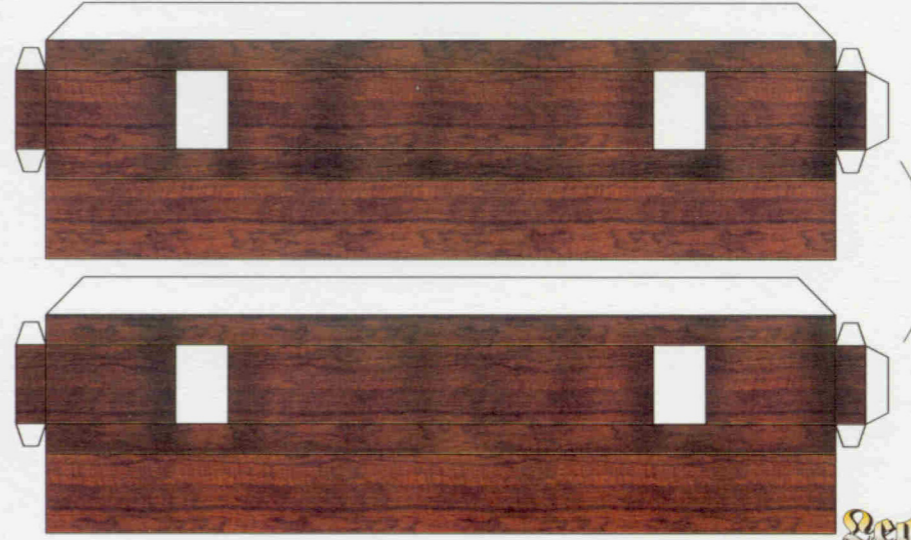
76bL\*\*



76bP\*\*

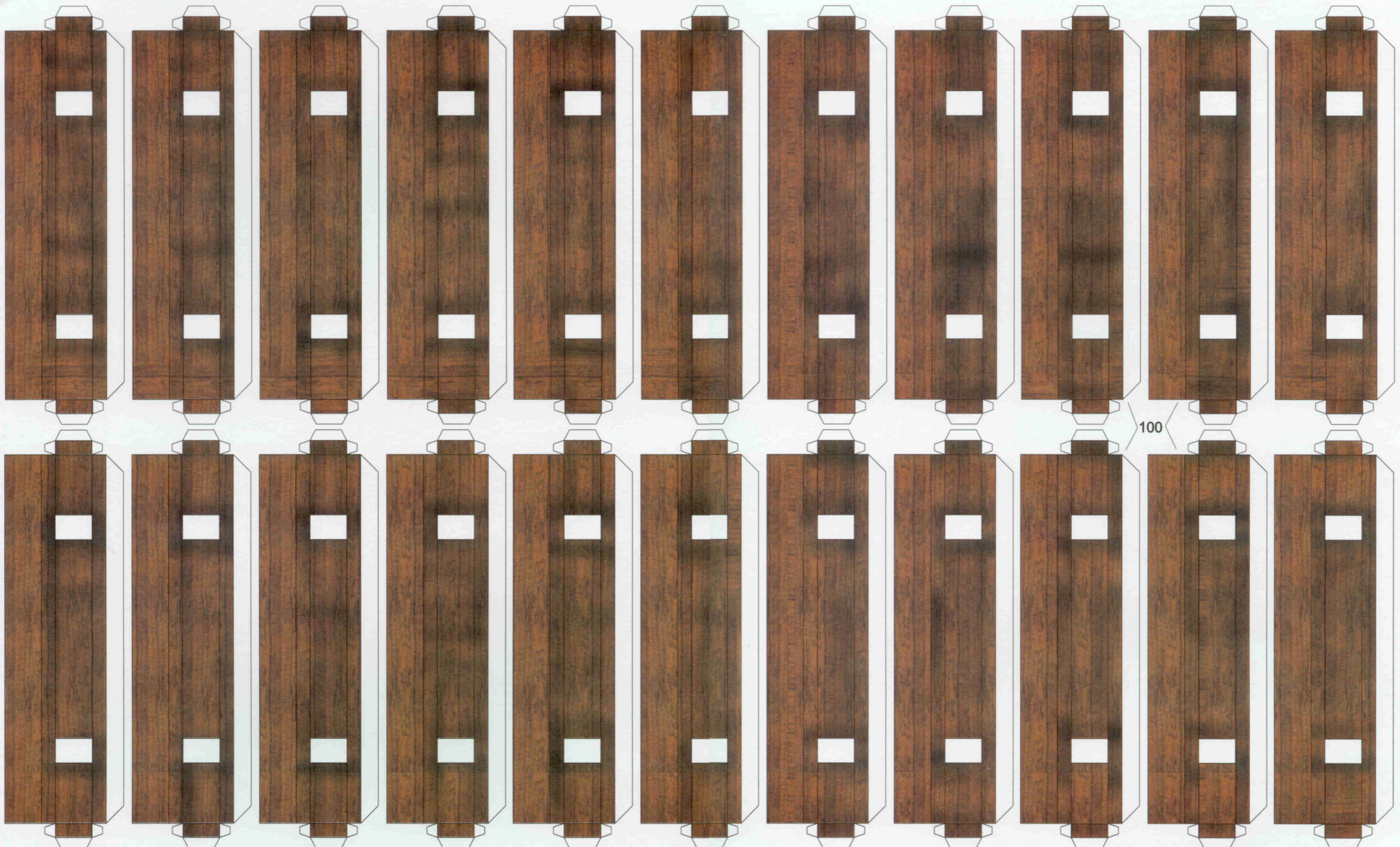


551\*\*

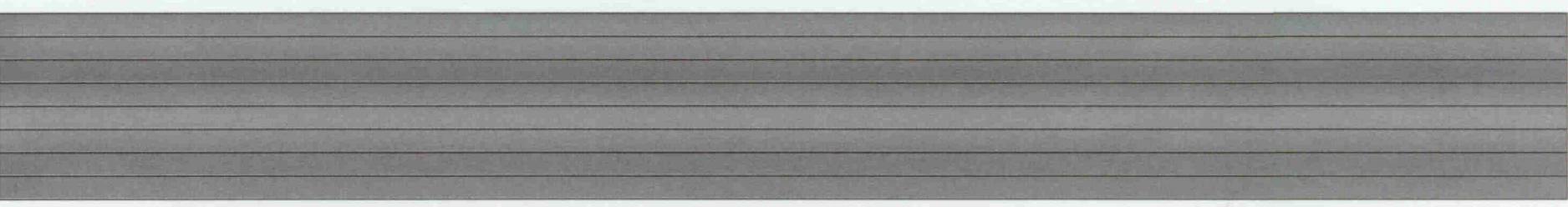


100





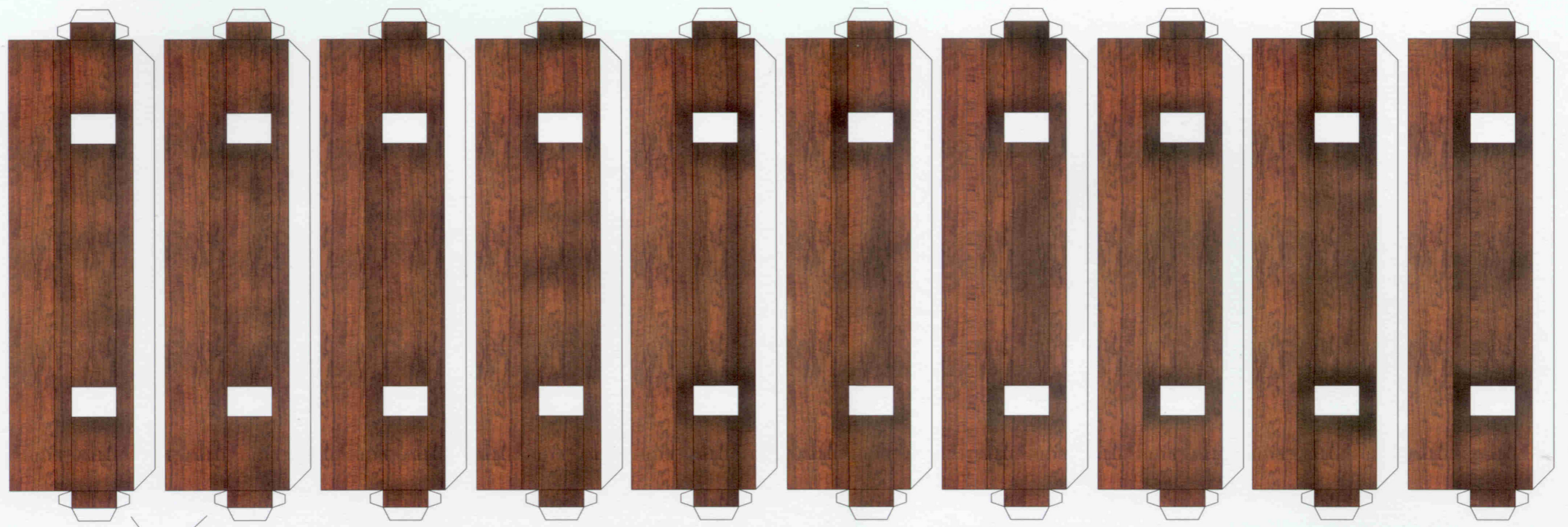
100



100a



100



100

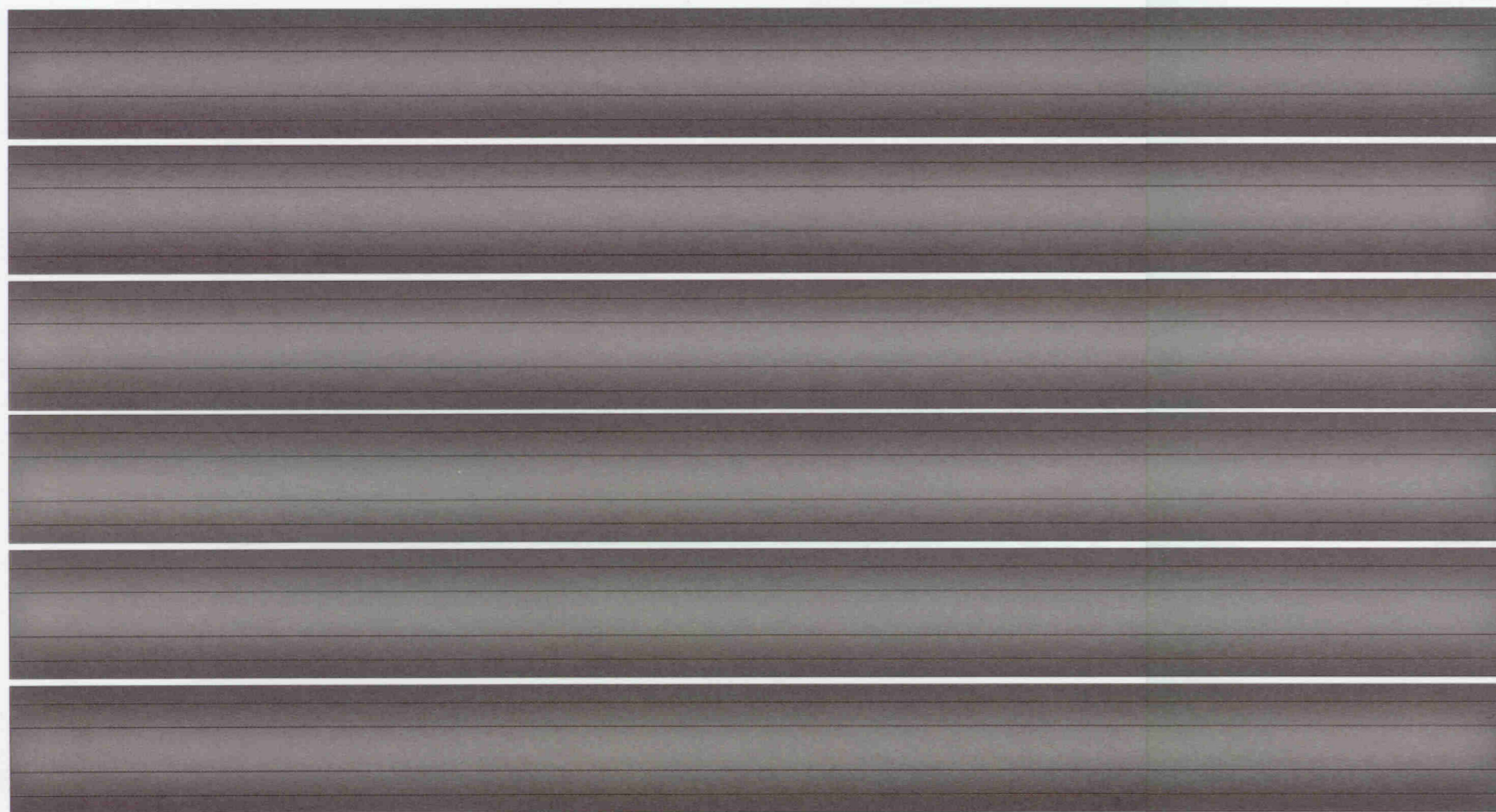
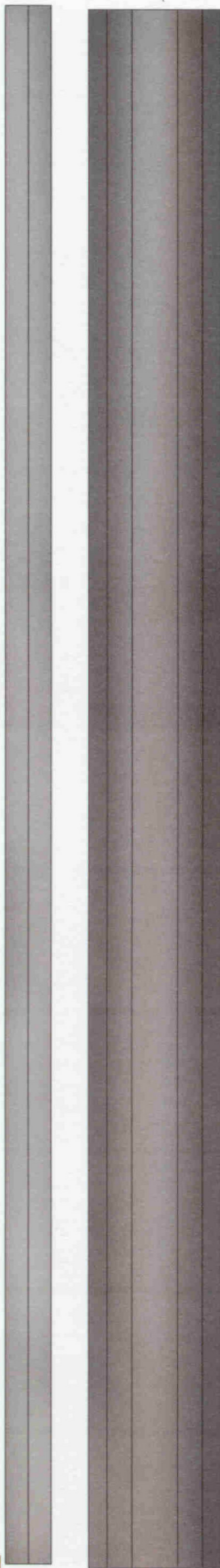
100b

77m



100a

100b

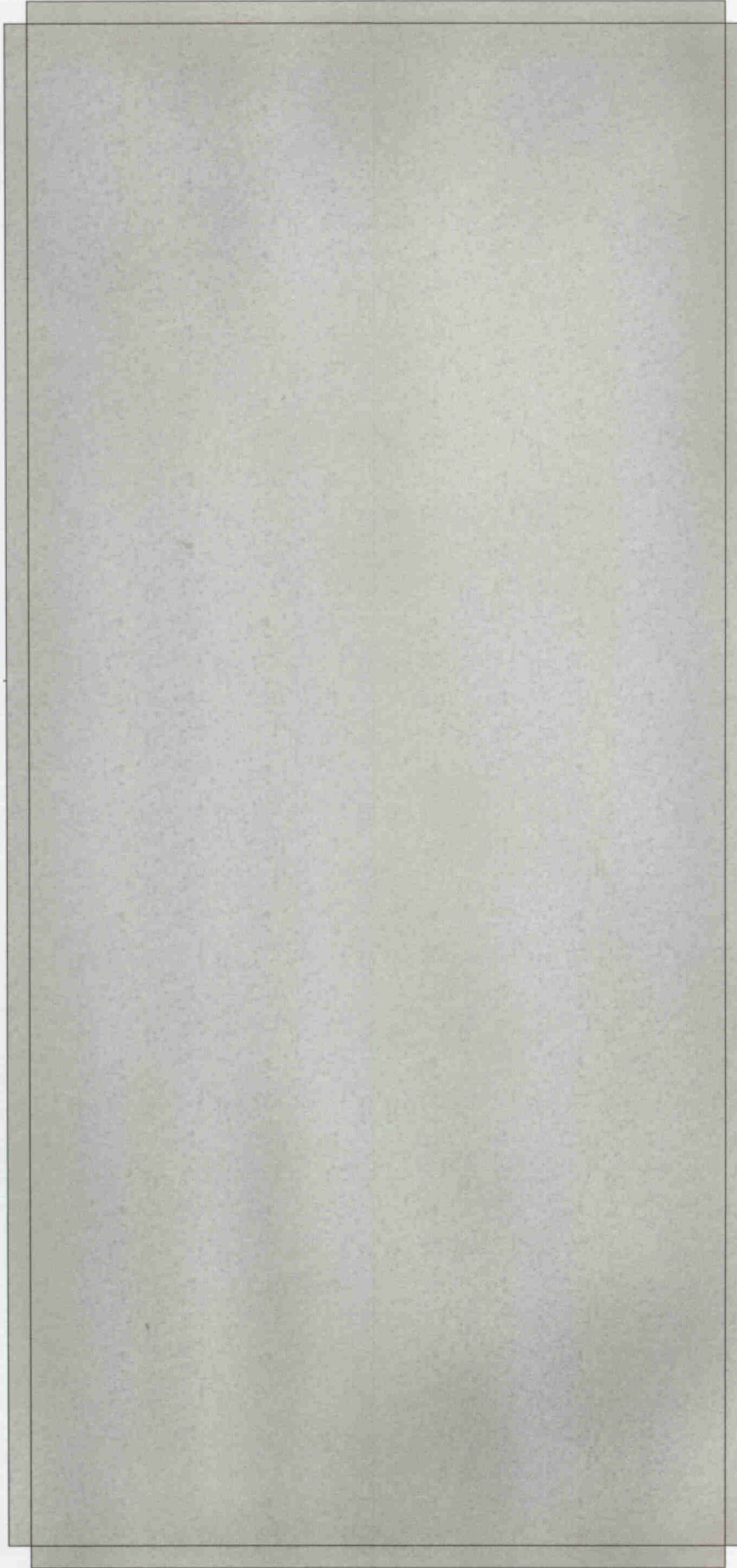


100

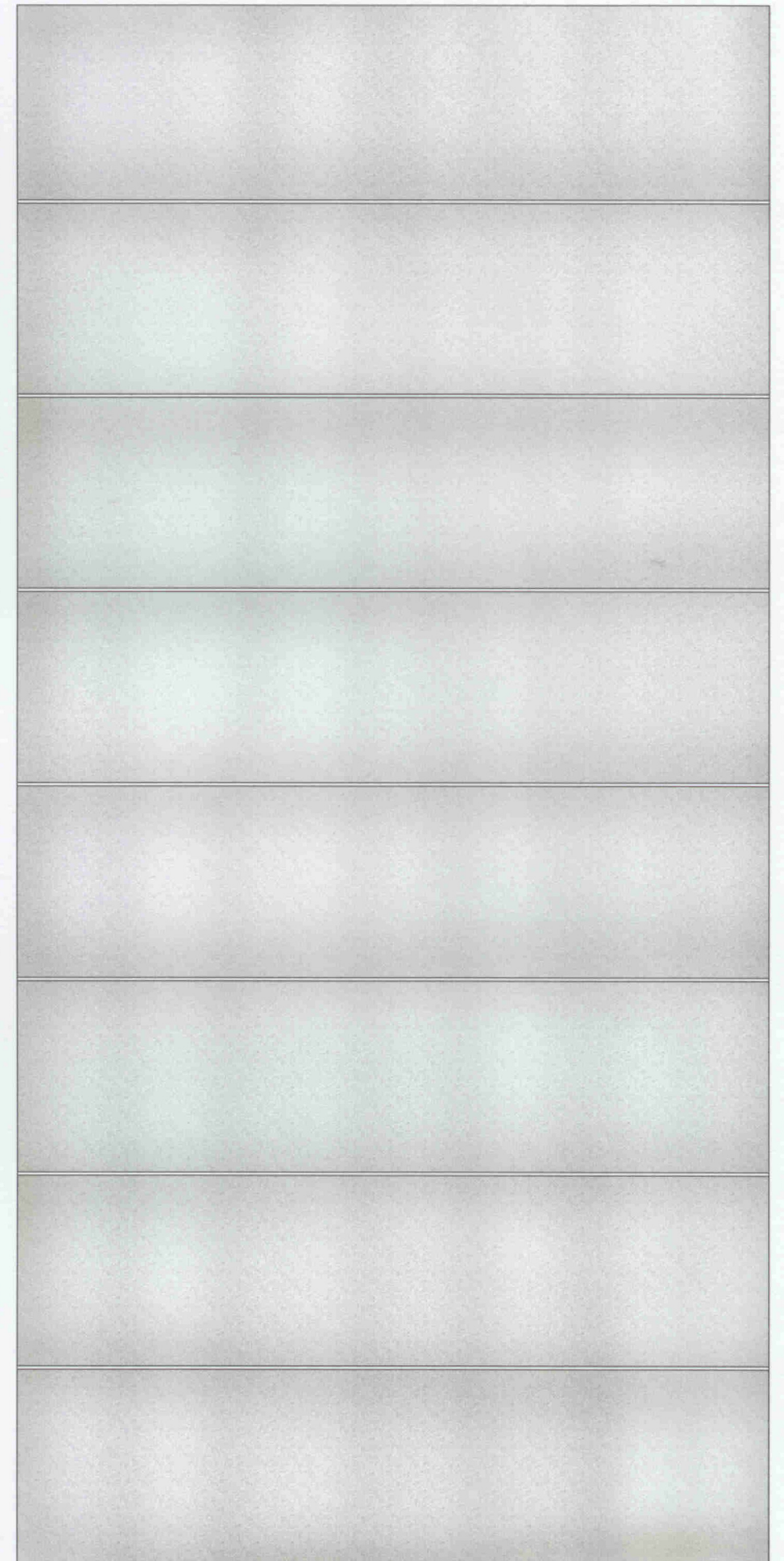
P13

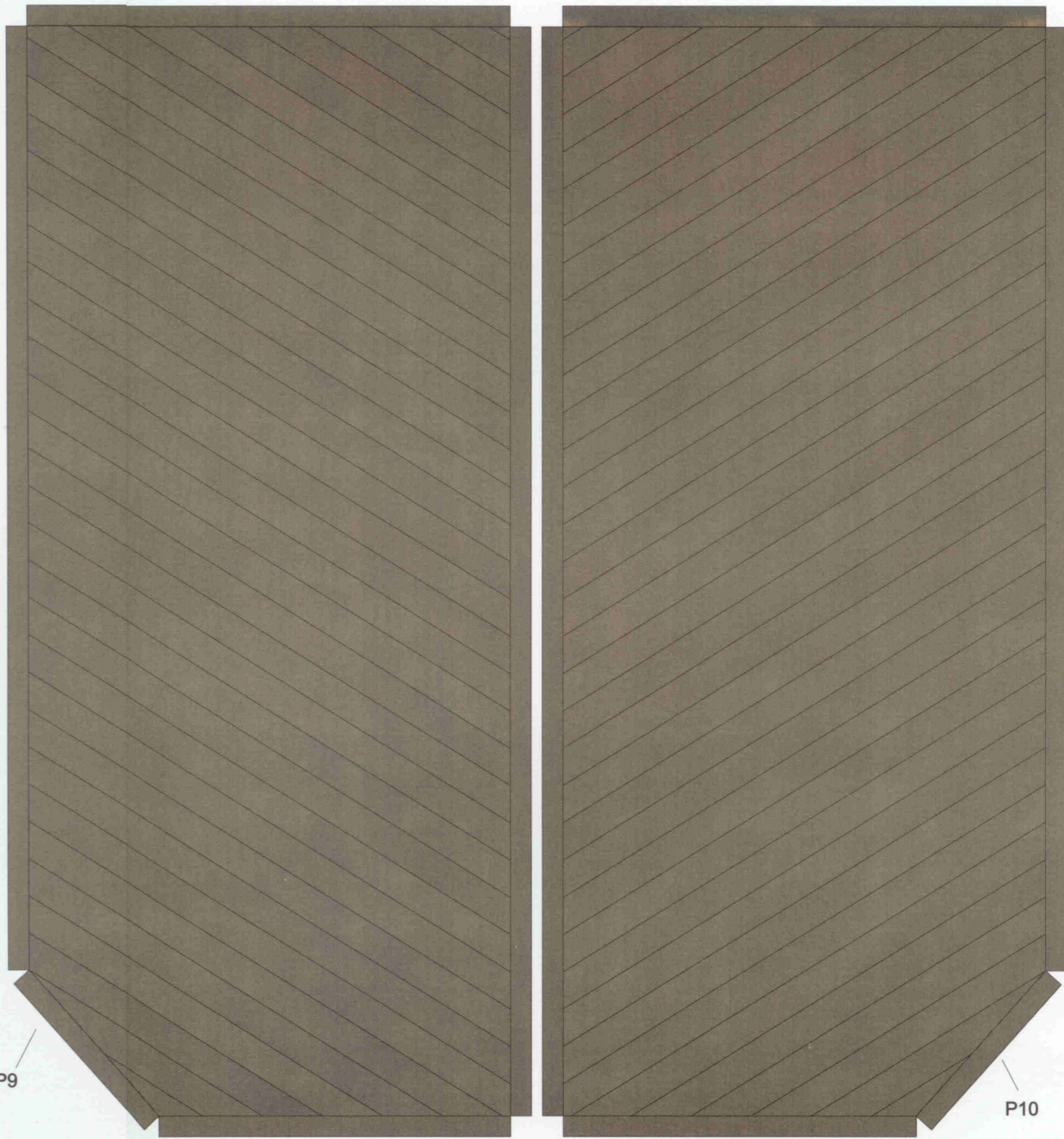
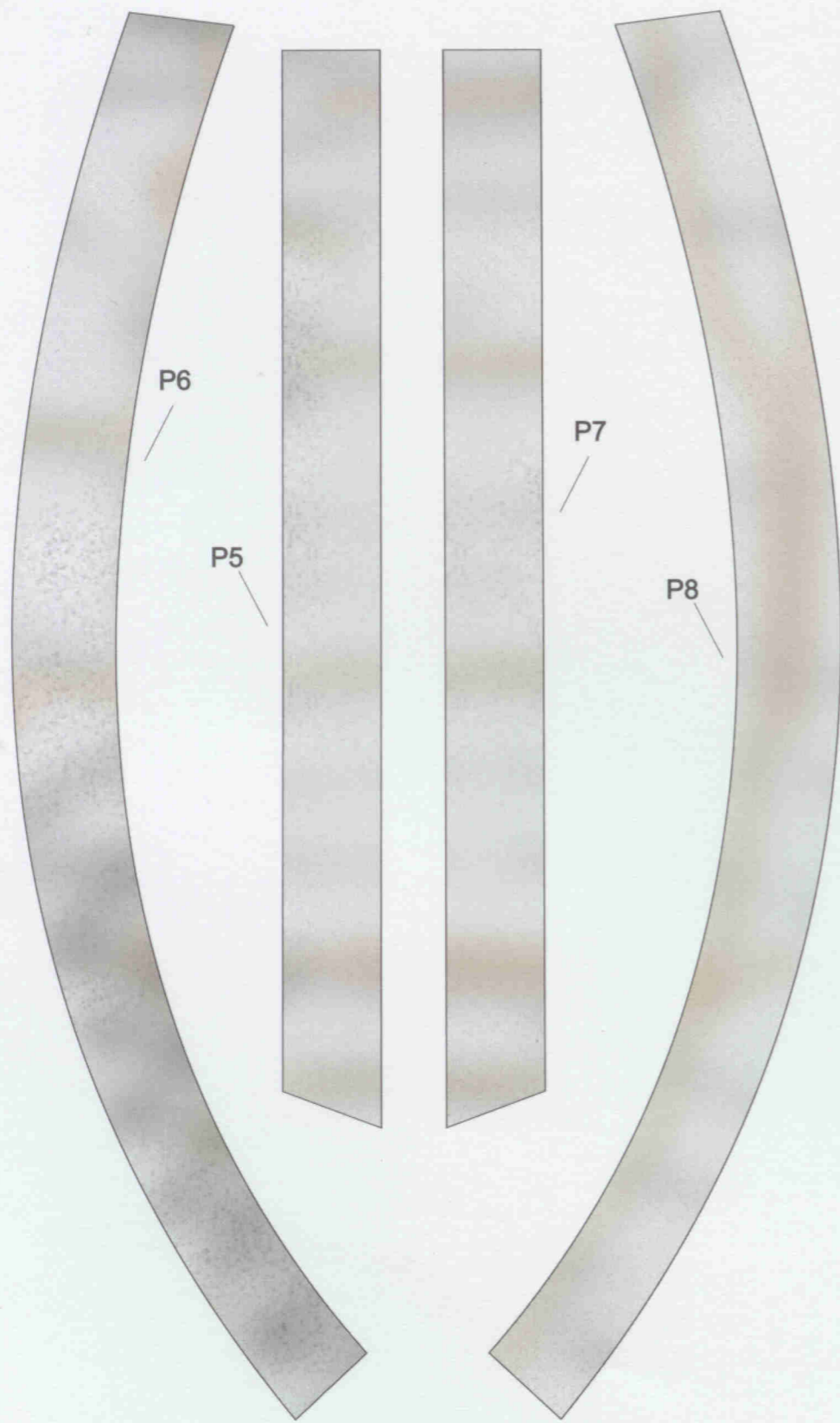


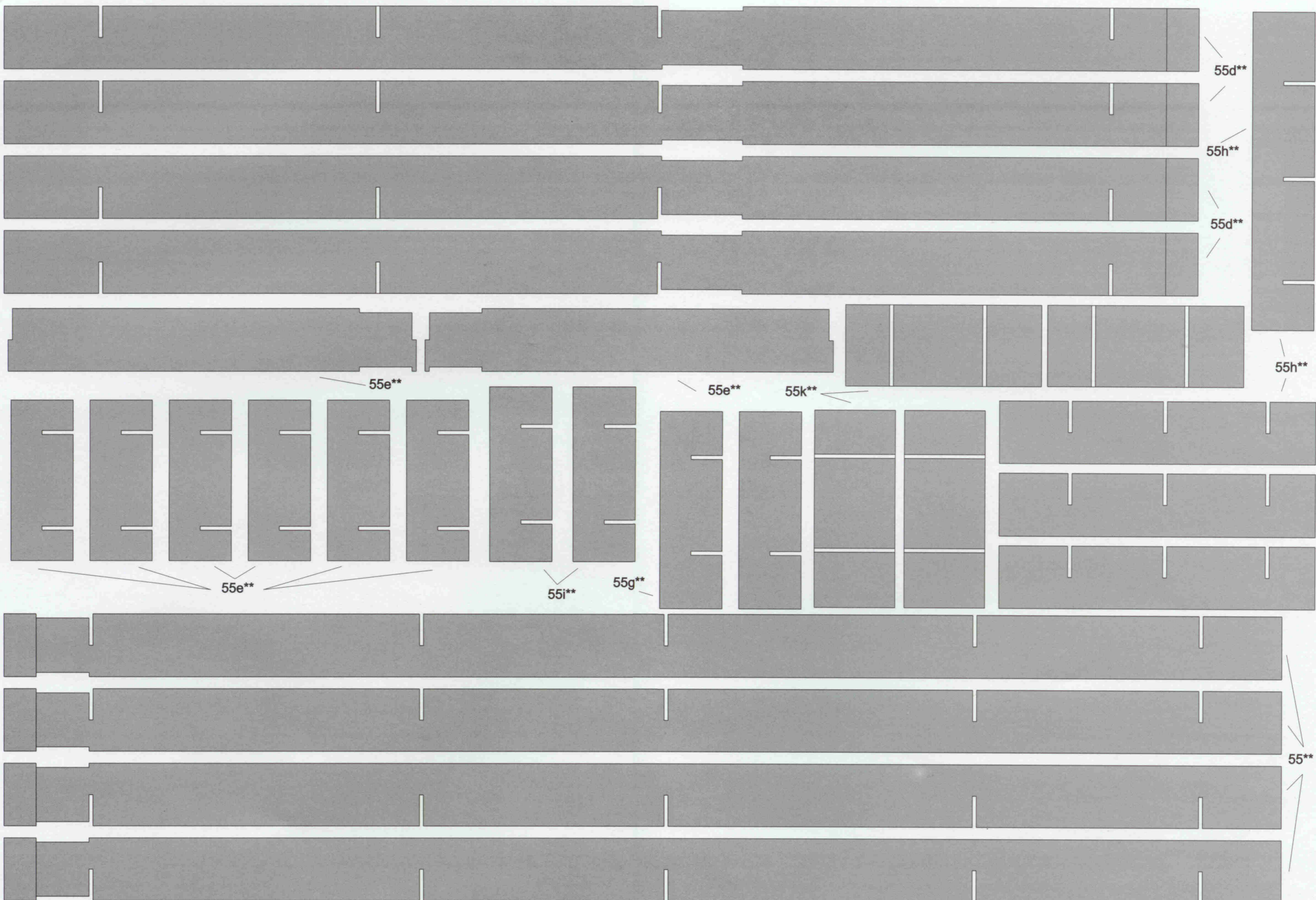
P14

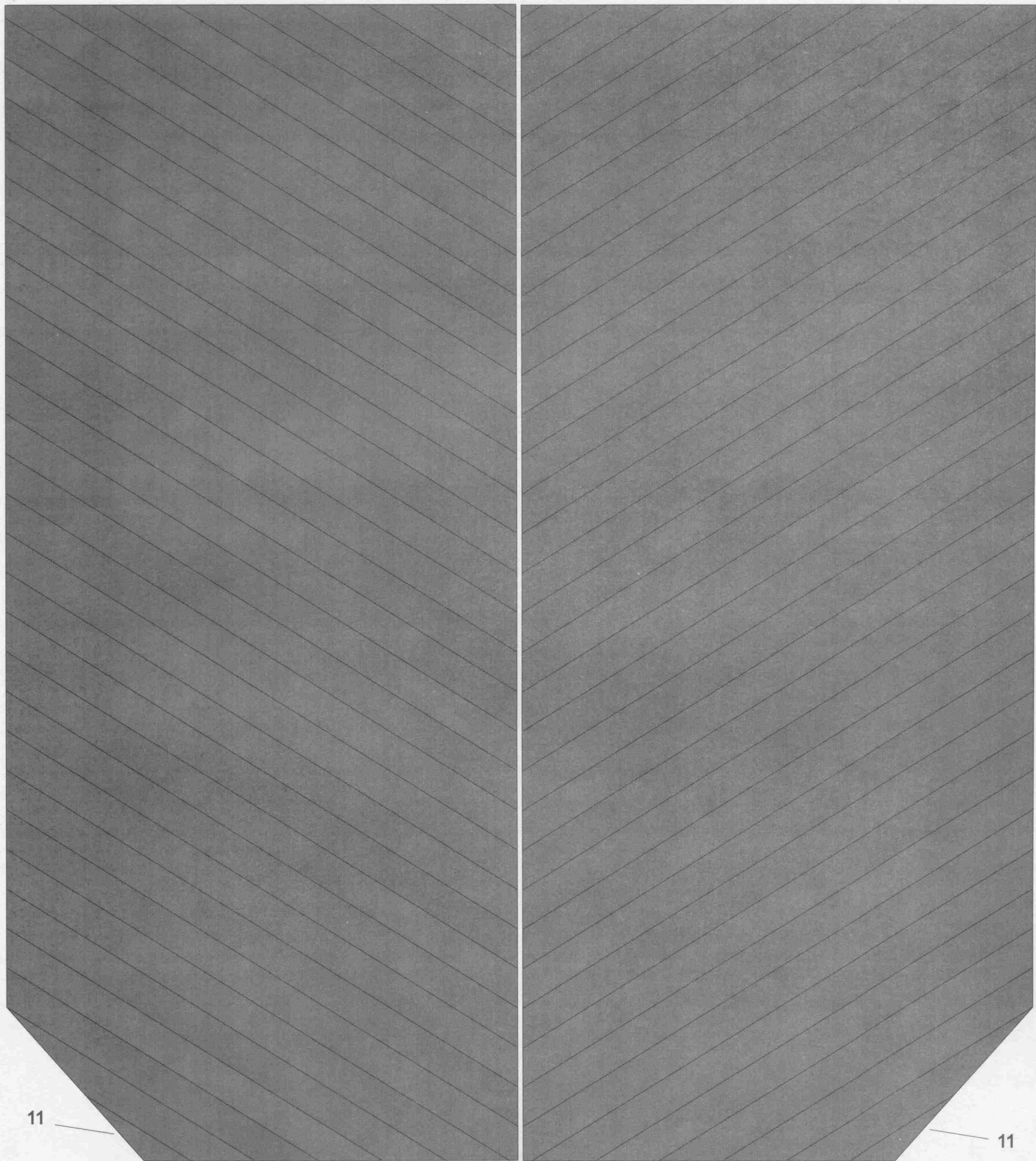


P15



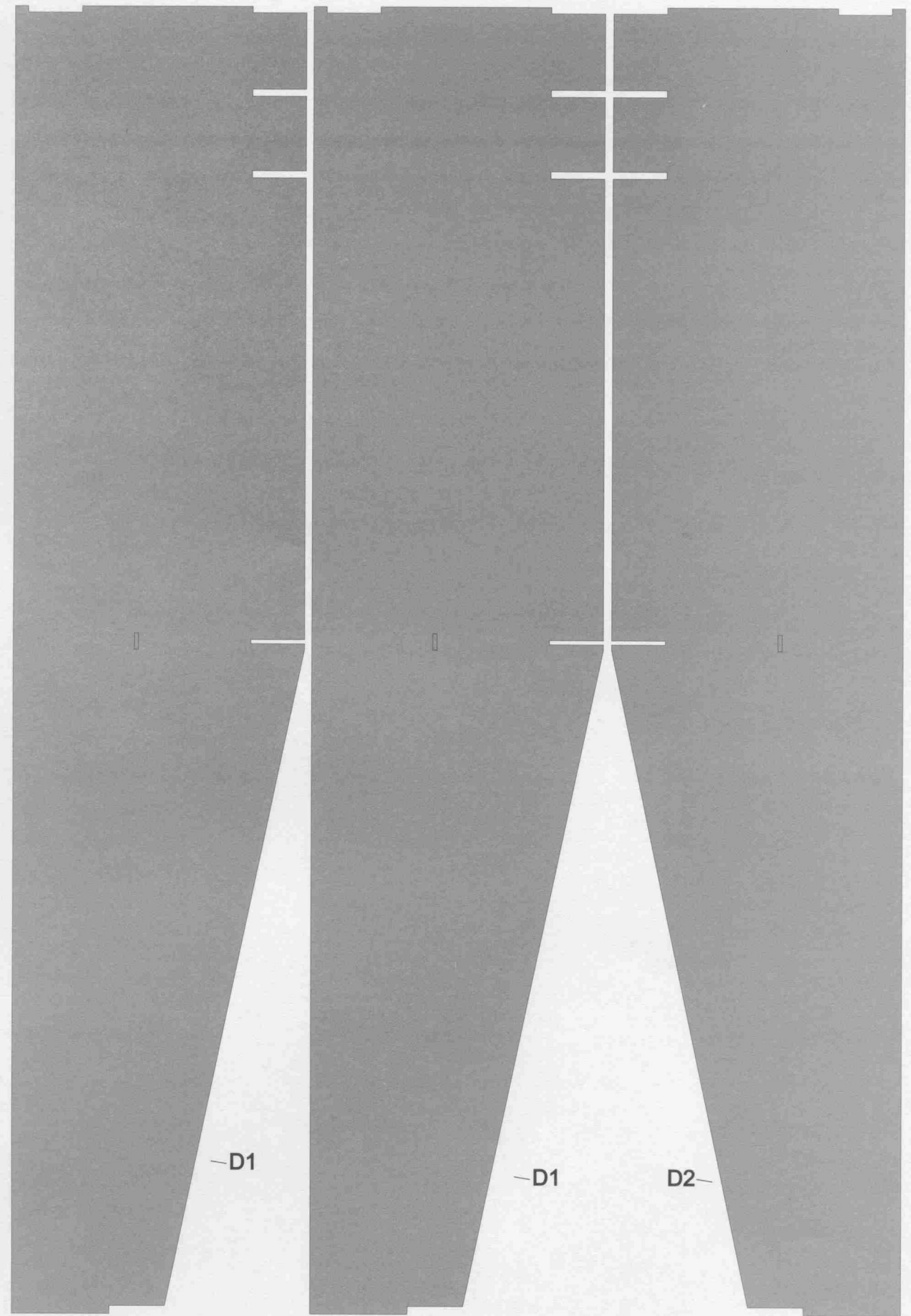






11

11

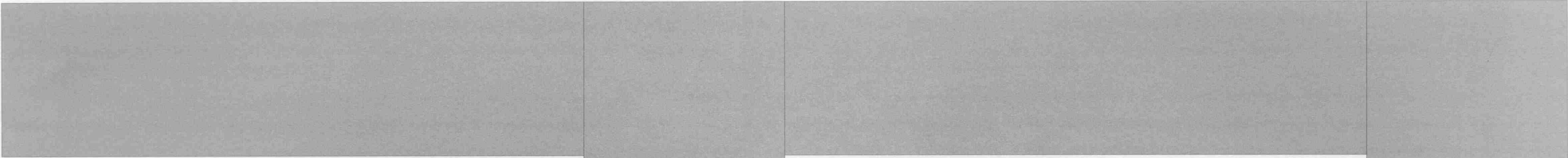


D1

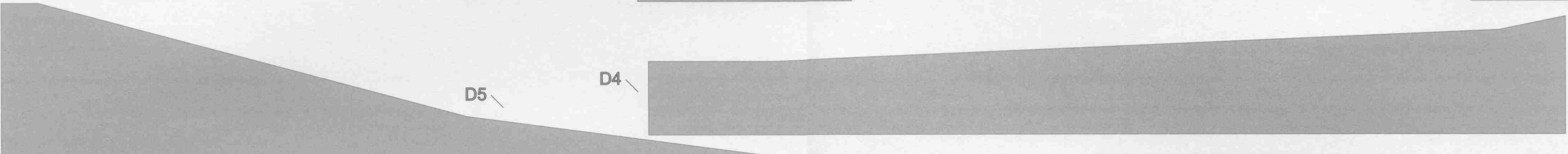
D1

D2

Leopold **28**  
GPM



D7



D5

D4



D6

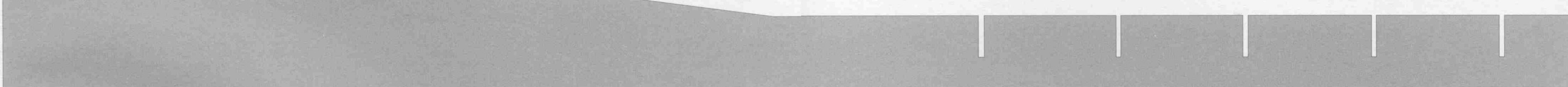
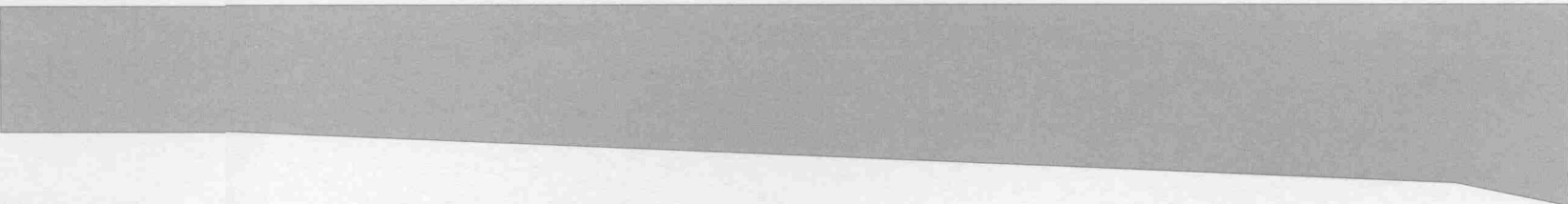
D2

Leopold GPM 29

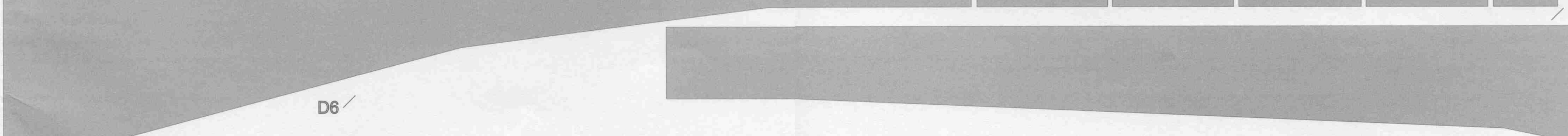
D4

D5

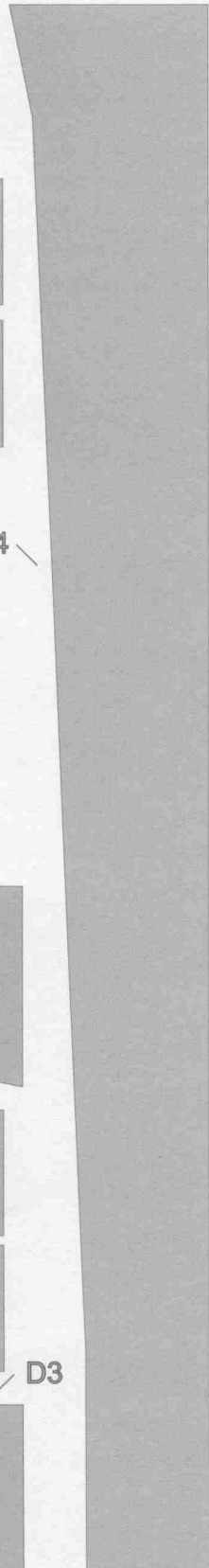
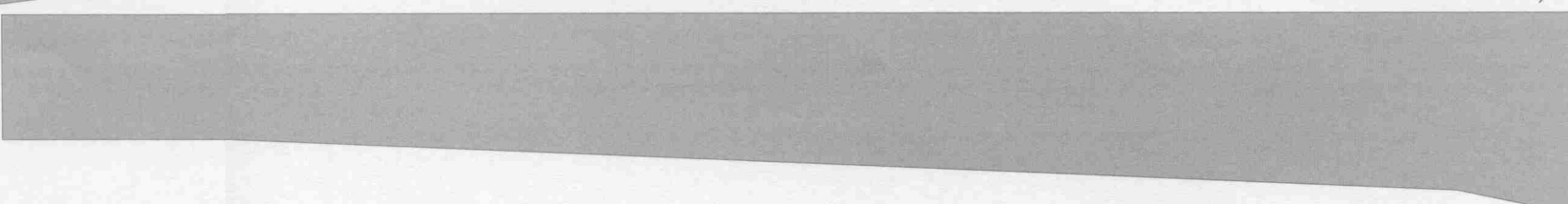
D3



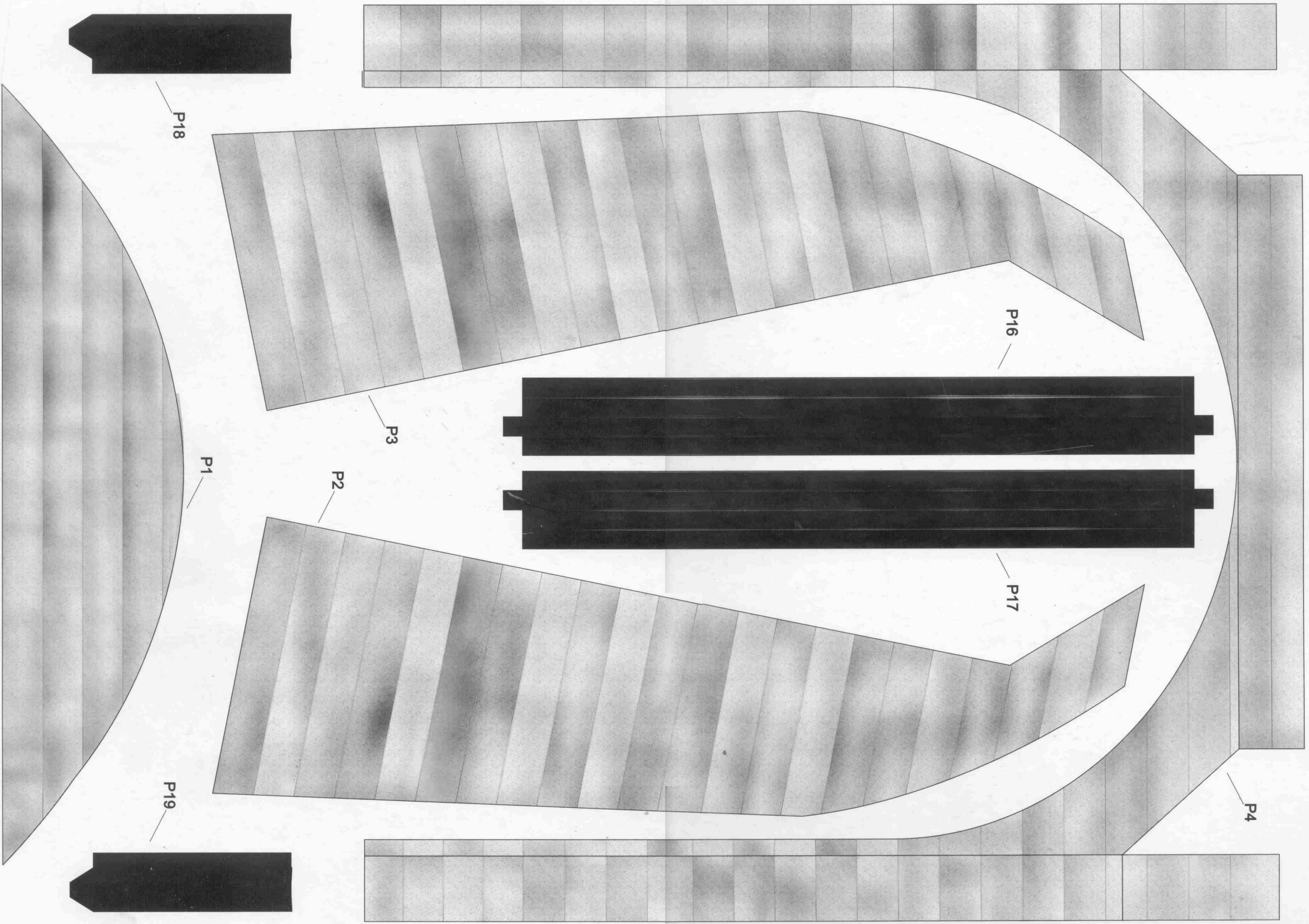
D3



D6







91771428461018



14