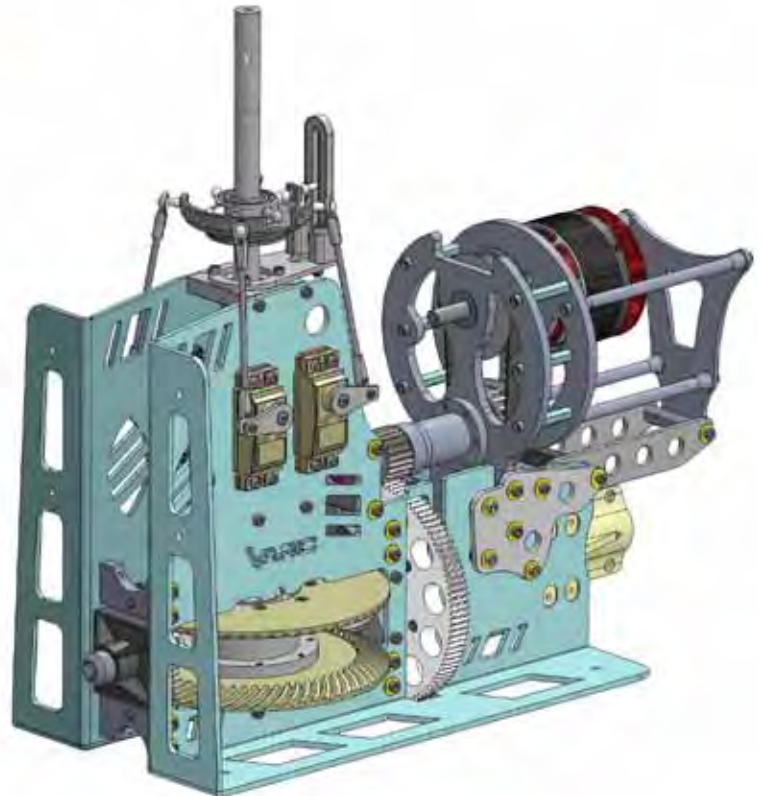
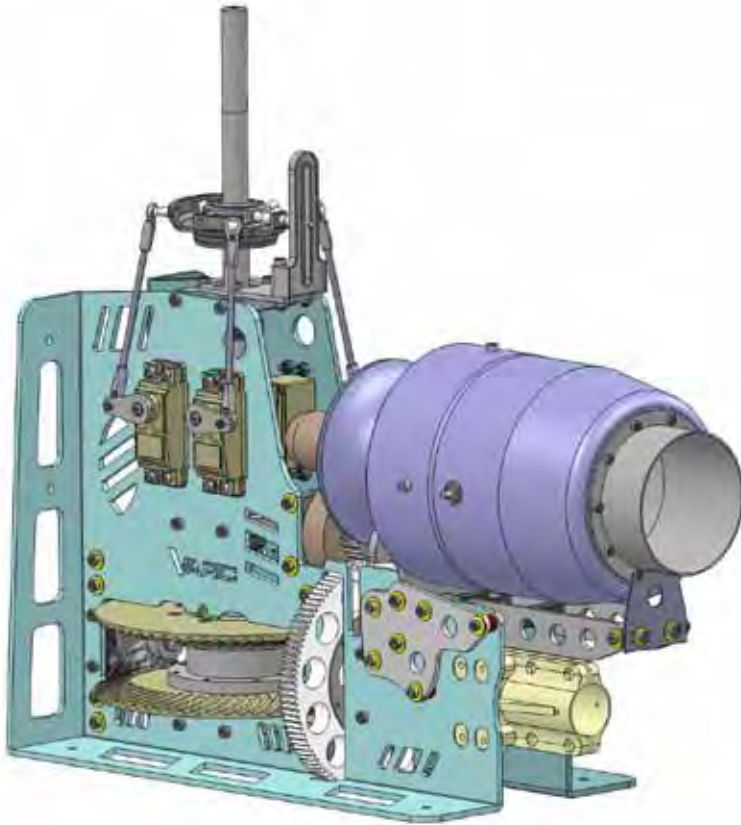


Bauanleitung

Building instruction



VARIO HELICOPTER ULI STREICH GMBH & CO. KG

Seewiesenstraße 7, 97782 Gräfendorf, GERMANY

www.variomodels.com, info@variomodels.com

Sehr geehrter Kunde,

der von Ihnen erworbene Bausatz enthält entsprechende Teile zur Erstellung eines funktionsfähigen Flugmodells.

Auf Zusammenbau, Einstellungen und Inbetriebnahme haben wir keinen Einfluß und weisen daher noch ausdrücklich darauf hin, daß Ihre individuelle Vorgehensweise einzig und allein auf Ihrem Kenntnisstand und Beurteilungsvermögen beruht.

Die Bauplanmappe dient dabei als entsprechende Orientierung, jedoch nicht als maßgeblicher Weg: Unterschiedliche Vorgehensweisen können zum Ziel führen.

Prüfen Sie vor jedem Bauabschnitt sorgfältig Ihr Vorhaben und entscheiden Sie eigenverantwortlich über Ihren persönlichen Weg.

Dear customer,

The kit you have purchased contains the components required to build a model aircraft which is capable of flying.

We have no influence over the methods you use to assemble, set up and operate the model, and for this reason we are obliged expressly to point out to you that the methods you use rely solely on your own knowledge, experience and analytical ability.

The Plan Folder is designed to help you in this undertaking, but it does not represent a unique way of proceeding:

There are more ways than one to reach a particular destination.

Before you start each stage of construction, check carefully what you intend to do, and accept the responsibility to decide on your own personal method.

Spettabile cliente,

la scatola di montaggio da voi acquistata contiene le parti necessarie per la costruzione di un modello funzionante, in grado di volare.

Per quanto riguarda i metodi per il montaggio, la messa a punto e la messa in funzione noi non abbiamo nessuna influenza e vogliamo sottolineare esplicitamente che il vostro modo d'agire dipende soltanto dal vostro livello di conoscenza e dalla vostra capacità di valutazione. Le istruzioni di montaggio servono solo per un migliore orientamento e non rappresentano l'unico modo di procedere:

diversi sono i modi di procedere che possono dare l'effetto desiderato.

Prima di realizzare ogni fase di lavoro verificate attentamente il vostro progetto e scegliete in maniera responsabile il vostro obiettivo.

Cher Client,

La boîte de construction que vous avez acquise comprend tous les composants nécessaires pour la réalisation d'un modèle d'hélicoptère fonctionnel.

Nous n'avons pas d'influence sur la manière dont vous assemblez, ajustez, et mettez en service ces composants. Nous vous informons donc expressément que votre façon de procéder dépend uniquement et exclusivement de vos connaissances, compétences et jugements. Le cahier de plans sert de guide d'orientation, mais ne trace pas un chemin exclusif:

Différentes méthodes d'opération peuvent mener au même résultat. Vérifiez avant chaque stade de construction le but à atteindre et choisissez le chemin qui vous semble le plus approprié.

Geachte klant,

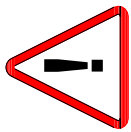
De door uw gekochte bouwdoos bevat alle onderdelen om een functionerend vliegmodel te maken.

Op het bouwen, afstellen en het in gebruik nemen van uw model hebben wij geen invloed, en wij wijzen er nadrukkelijk op, dat uw individuele zienswijze alleen op uw kennis en beoordelingsvermogen berust.

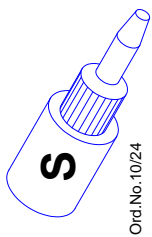
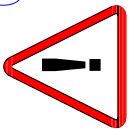
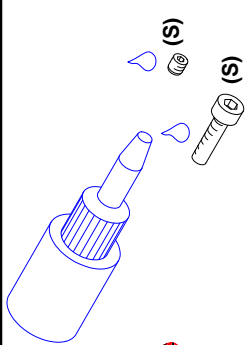
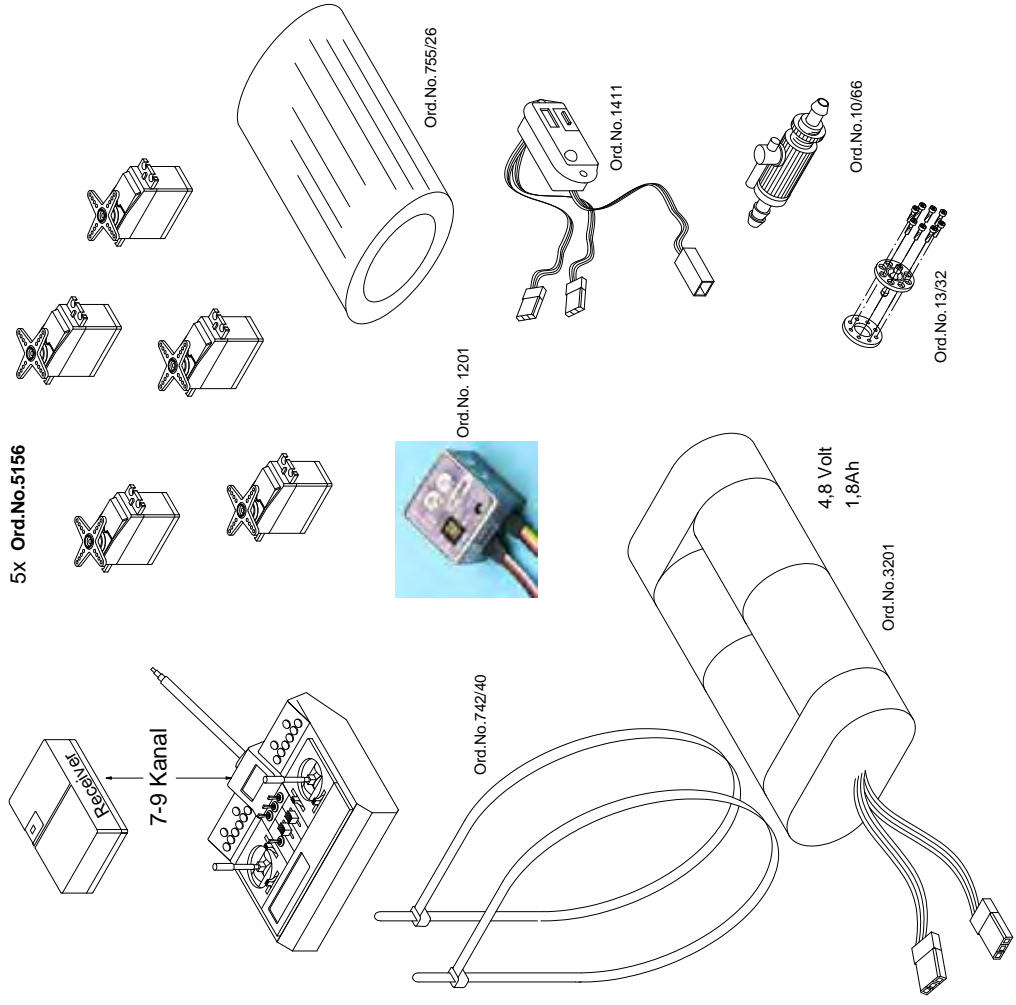
De bouwtekening dient daarbij alleen als een oriëntering, echter niet als een dwingend advies.

Verschillende bouwconstructies kunnen tot hetzelfde doel leiden.

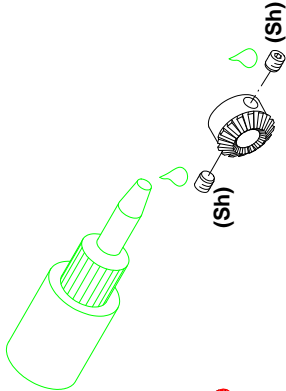
Test elke bouwfase zorgvuldig, en beslis over uw eigen verantwoordelijkheid m.b.t. het in gebruik nemen van uw model.



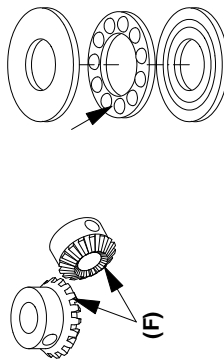
mit "Ord.No." versehene Teile sind **NICHT** im Bausatz enthalten!
Parts whose Ord.No. is stated in full, e.g. (Ord.No. 47/11) are not included in the kit.



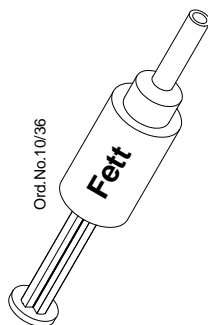
Schraubensicherung mittelfest



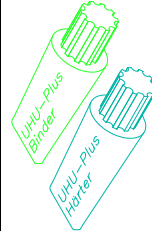
Schraubensicherung hochfest



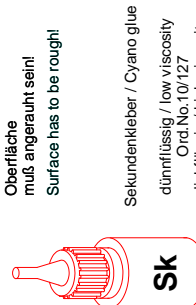
Ord.No.10/36



Oberfläche muß angeraucht sein!
Surface has to be rough!

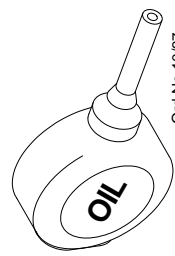
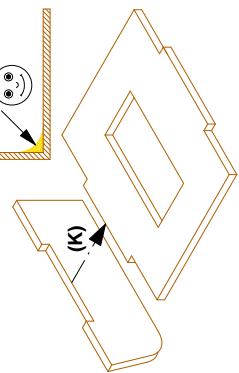


Ord.No.10/27
Ord.No.10/34

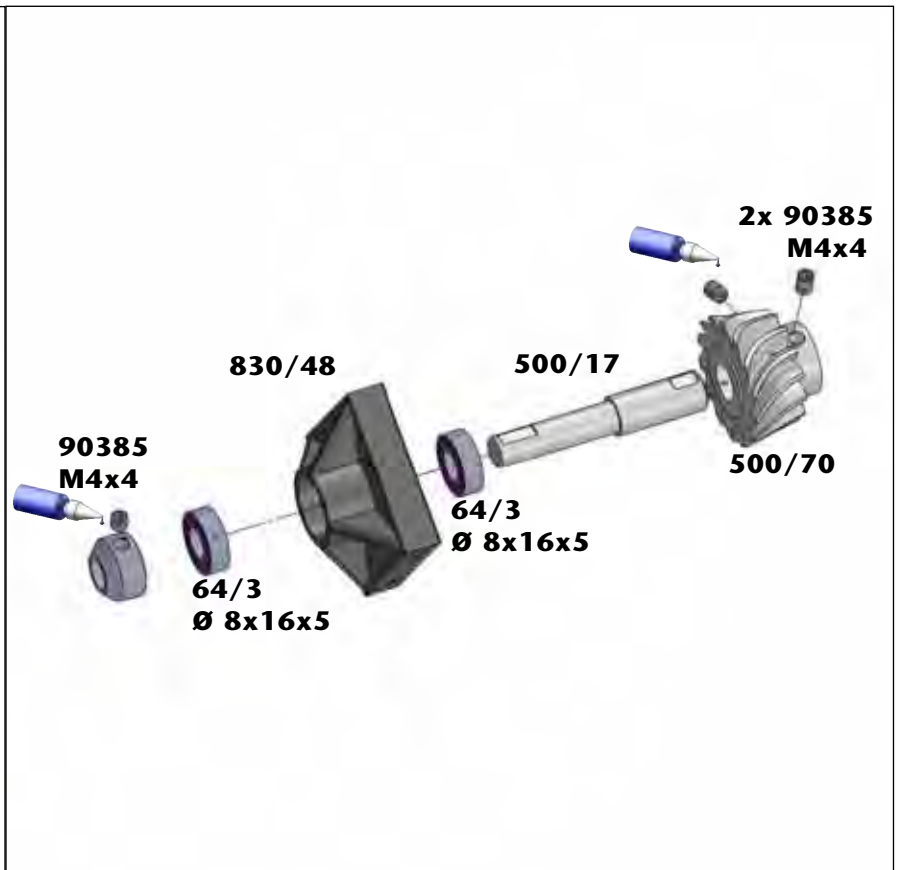
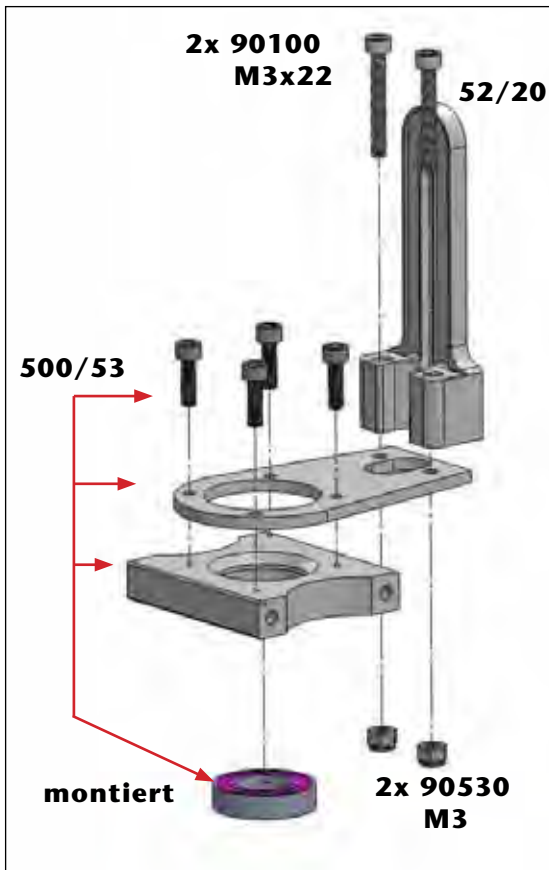
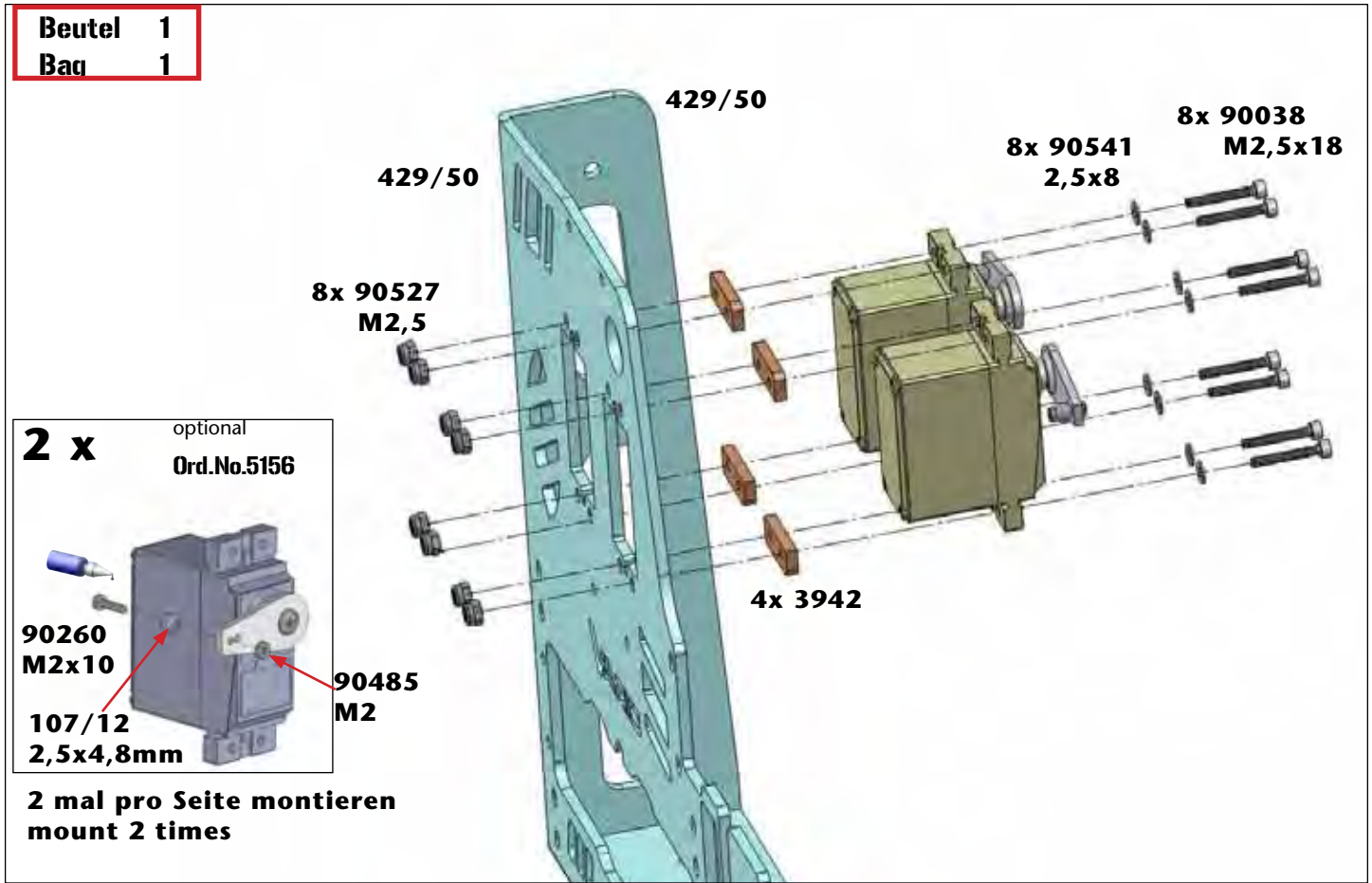


Oberfläche muß angeraucht sein!
Surface has to be rough!

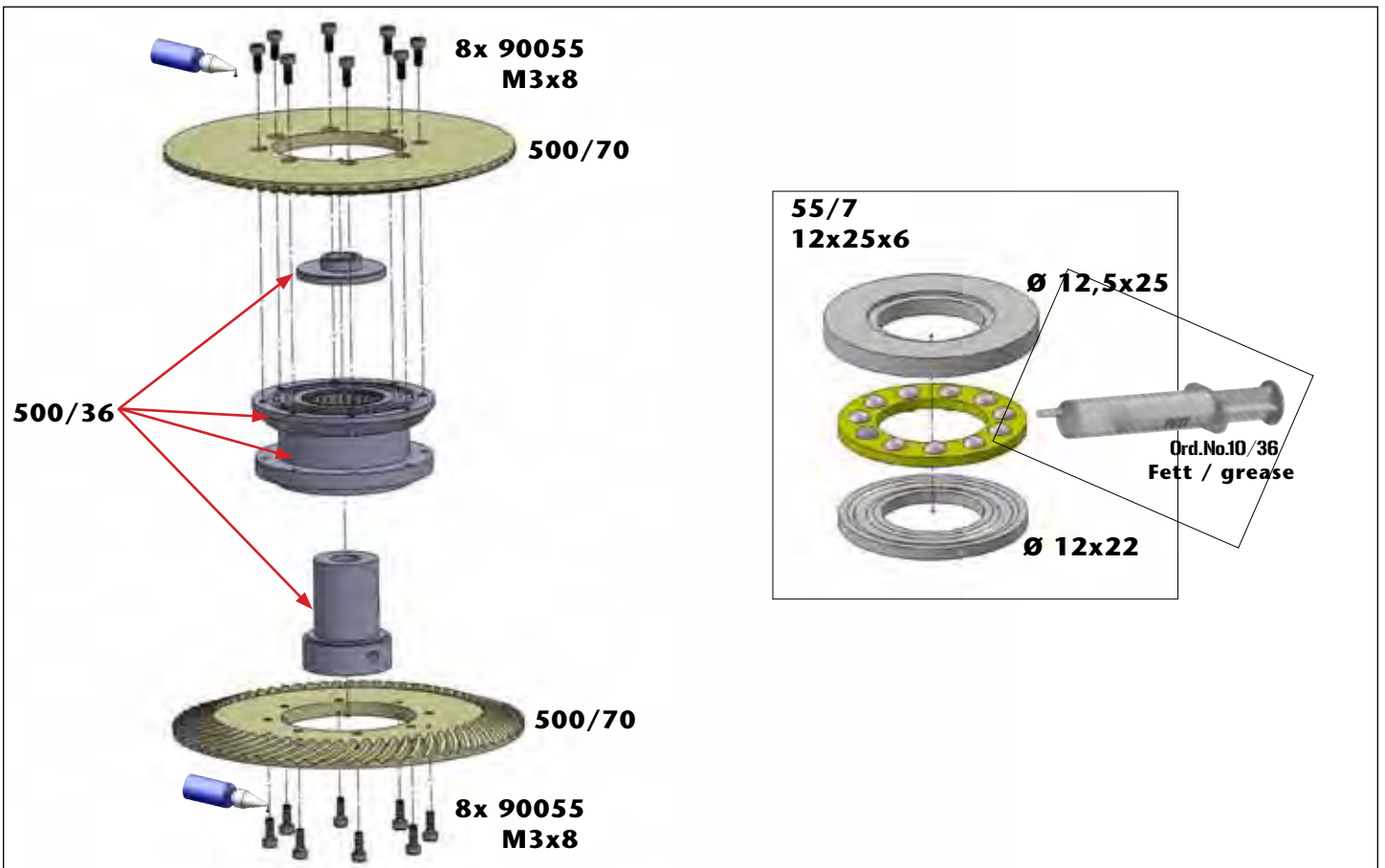
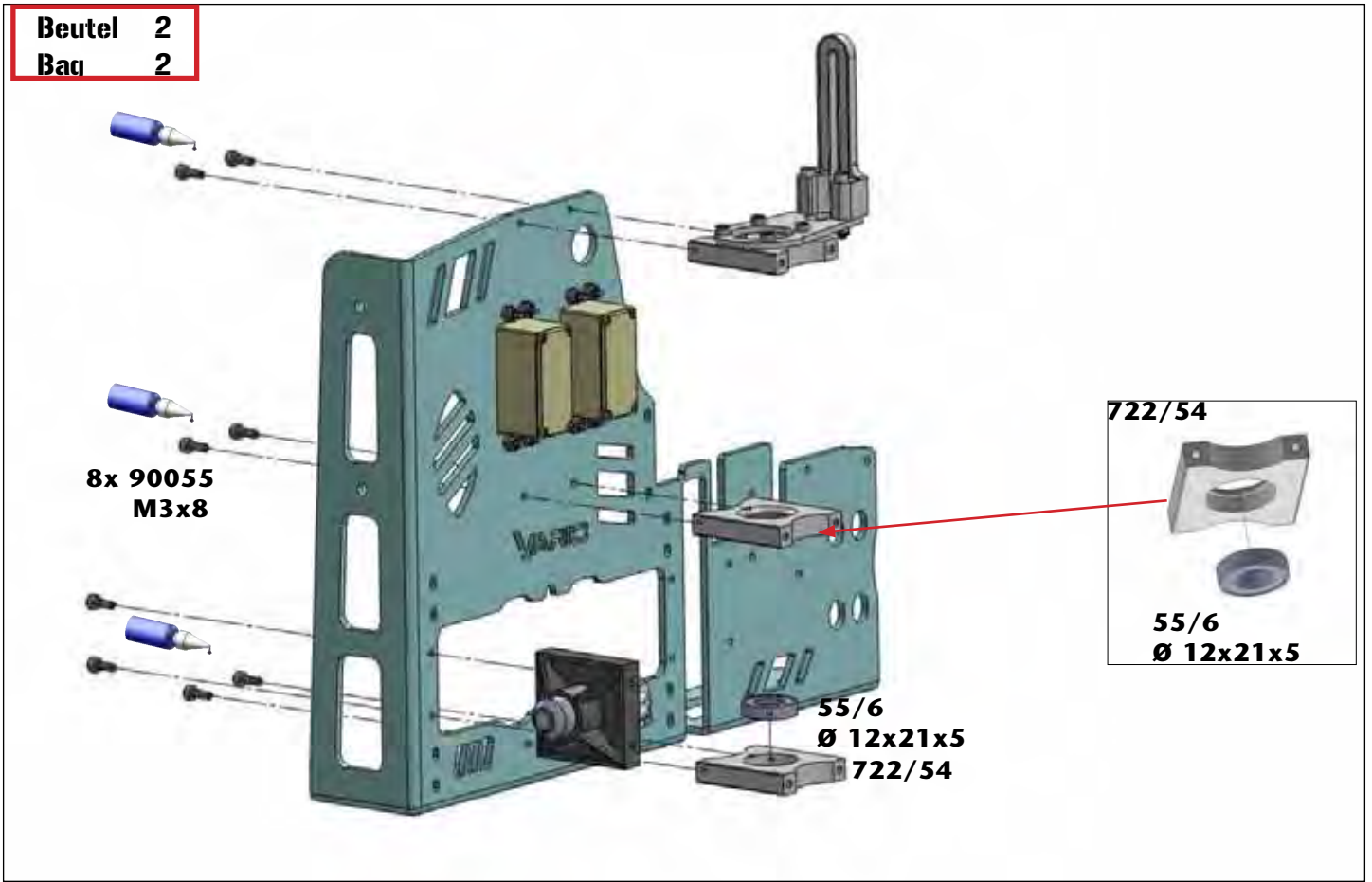
Sekundenkleber / Cyano glue
dünnflüssig / low viscosity
Ord.No.10/127
dickflüssig / high viscosity
Ord.No.10/125




Ord.No.10/37



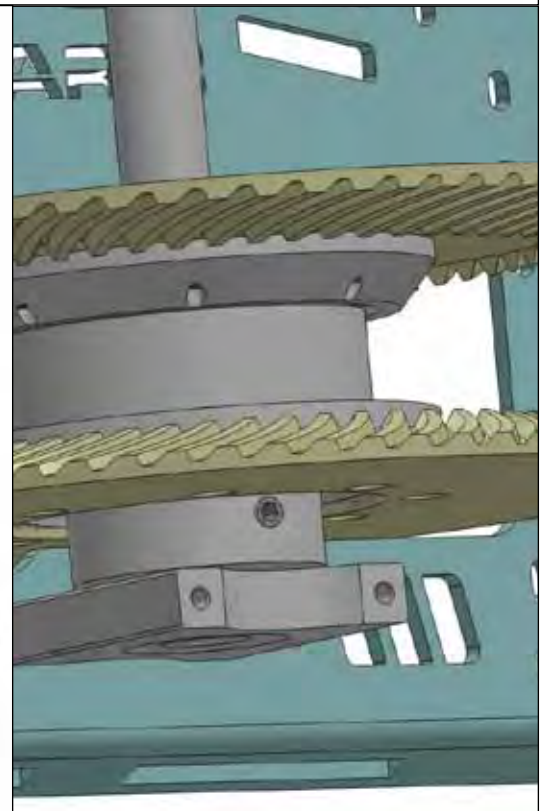
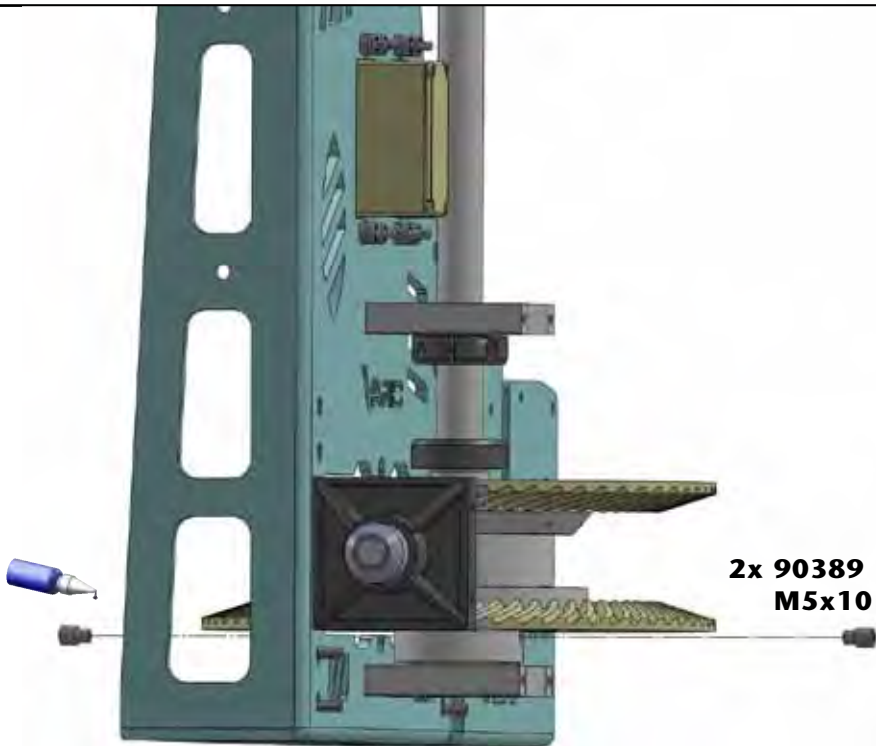
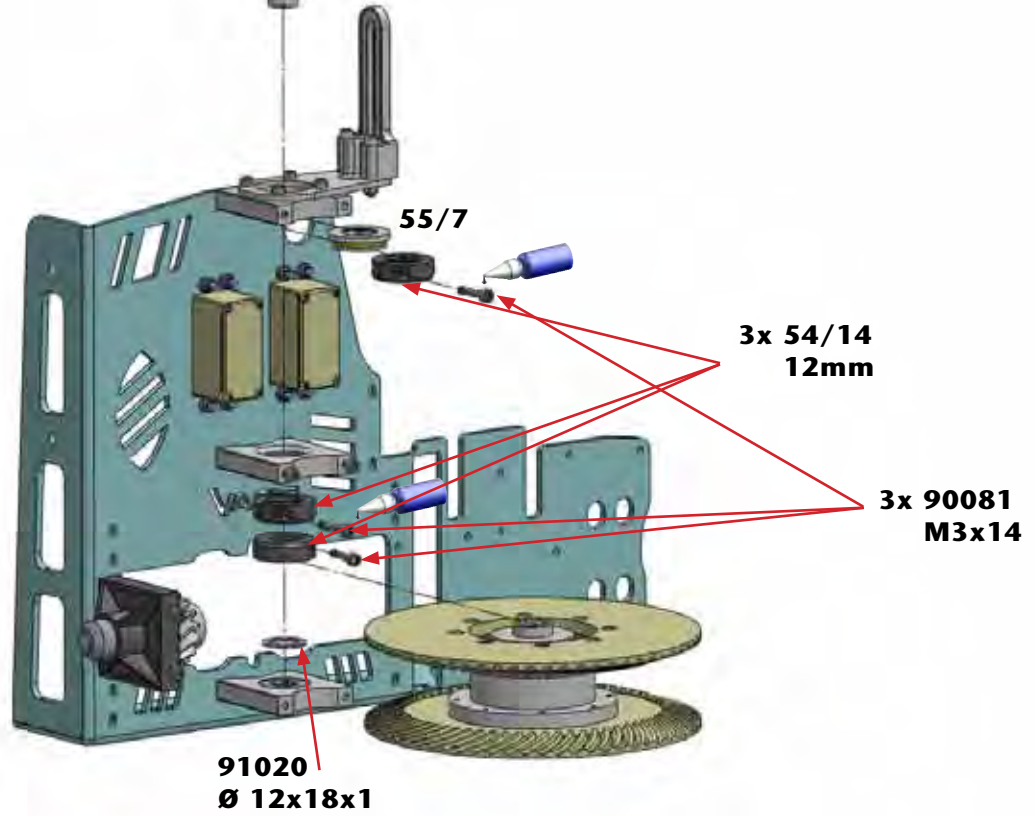
Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml



 Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml

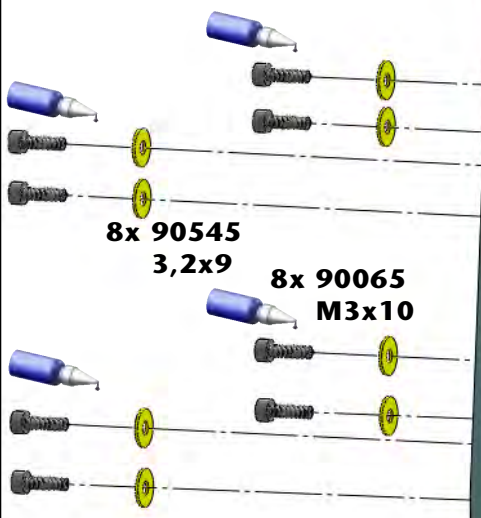
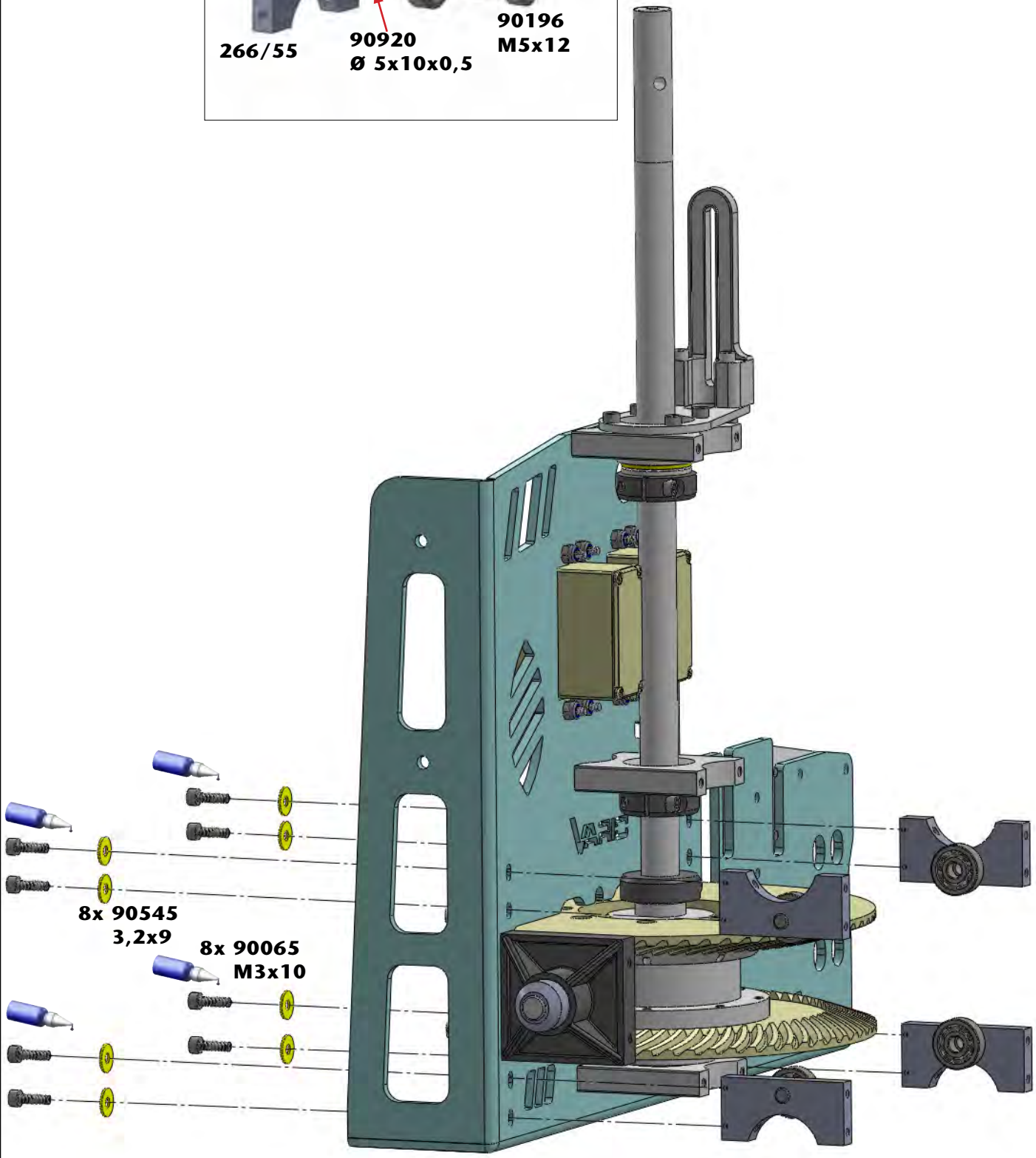
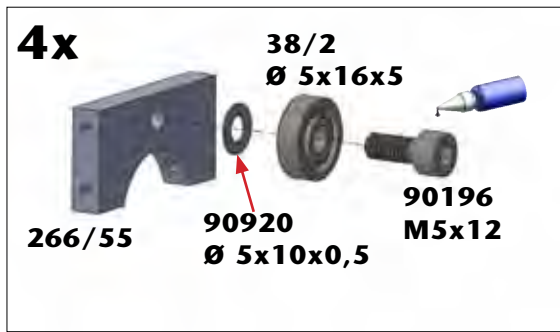
Beutel	3
Bag	3

Rotorwelle Ord.No.429/35



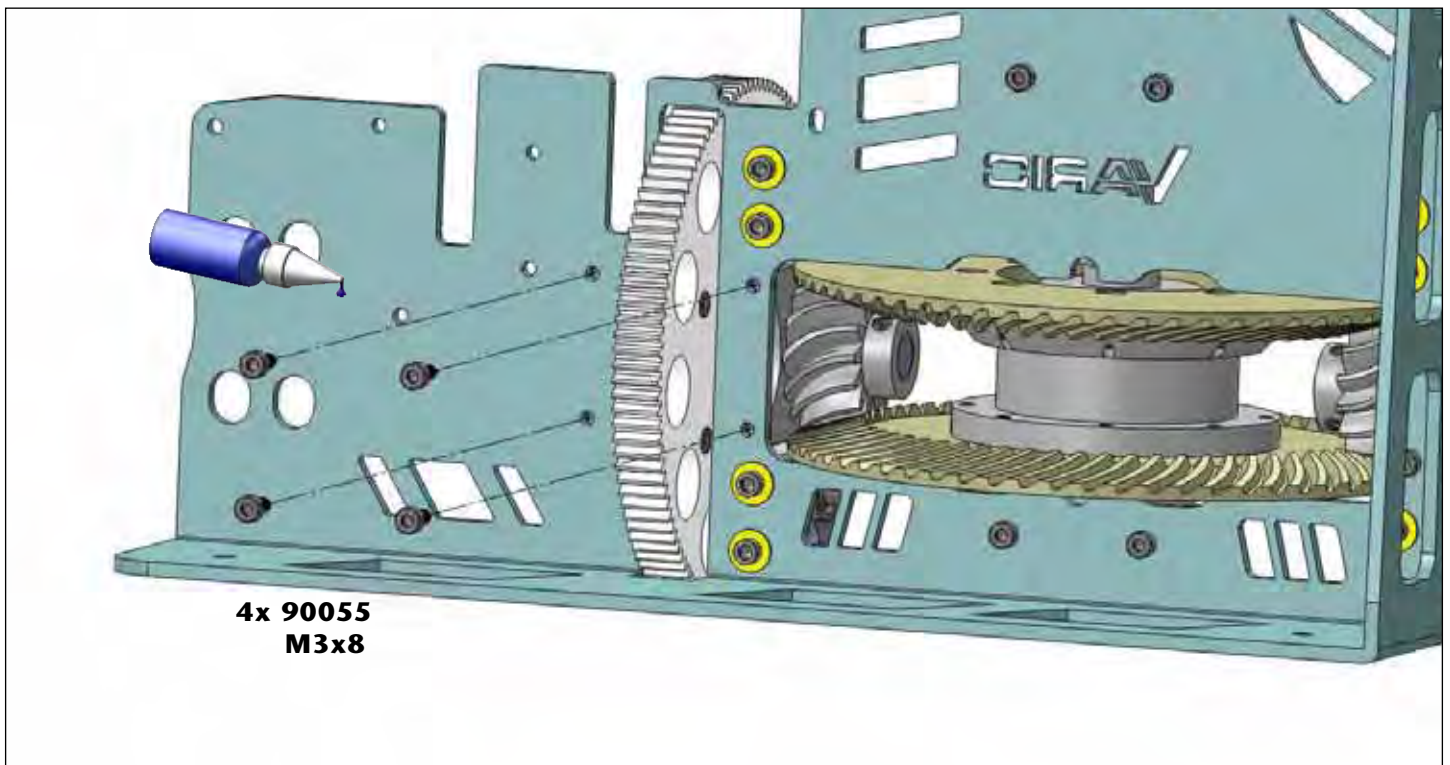
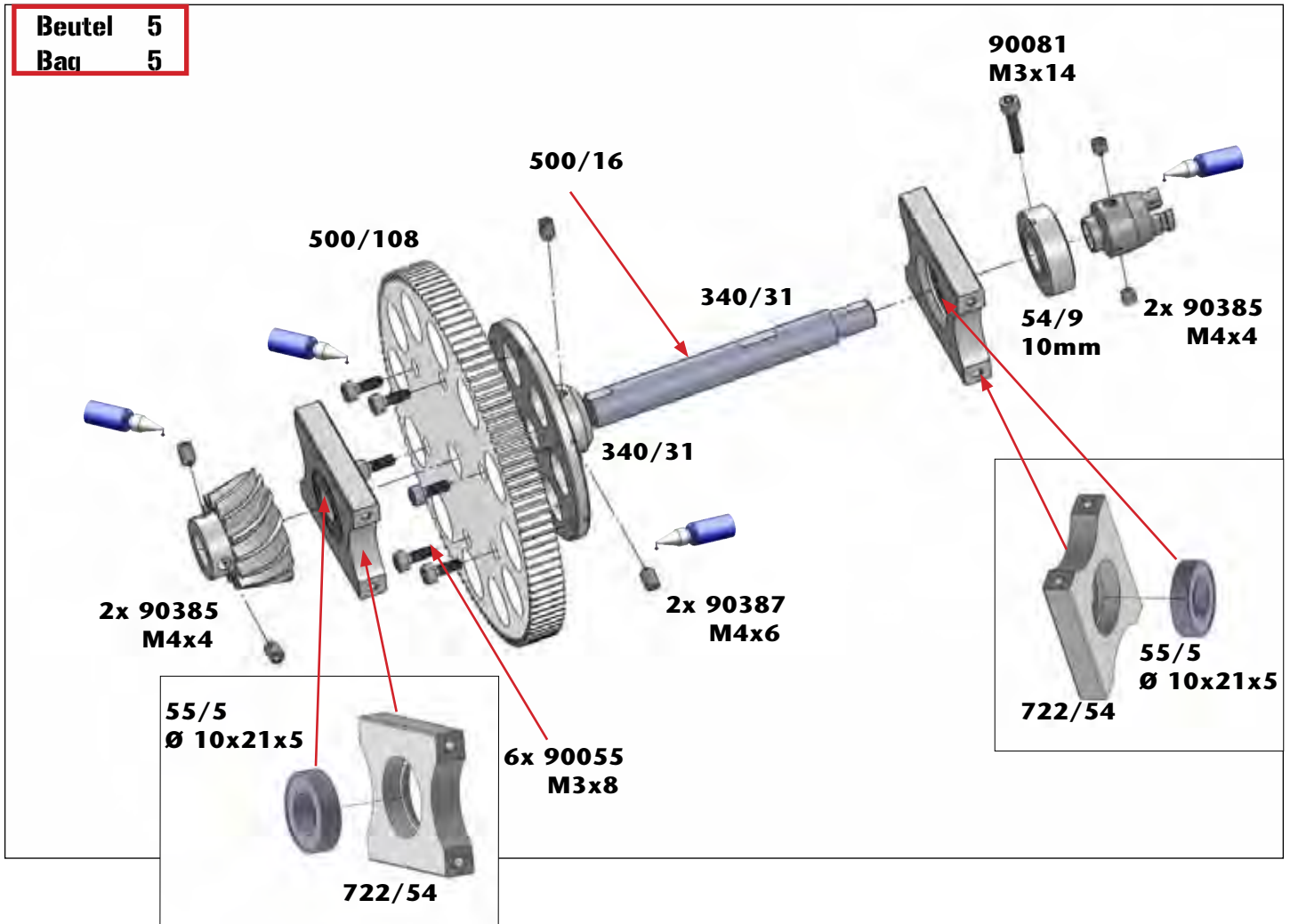
Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml

Beutel 4
Bag 4

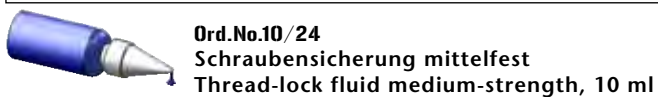
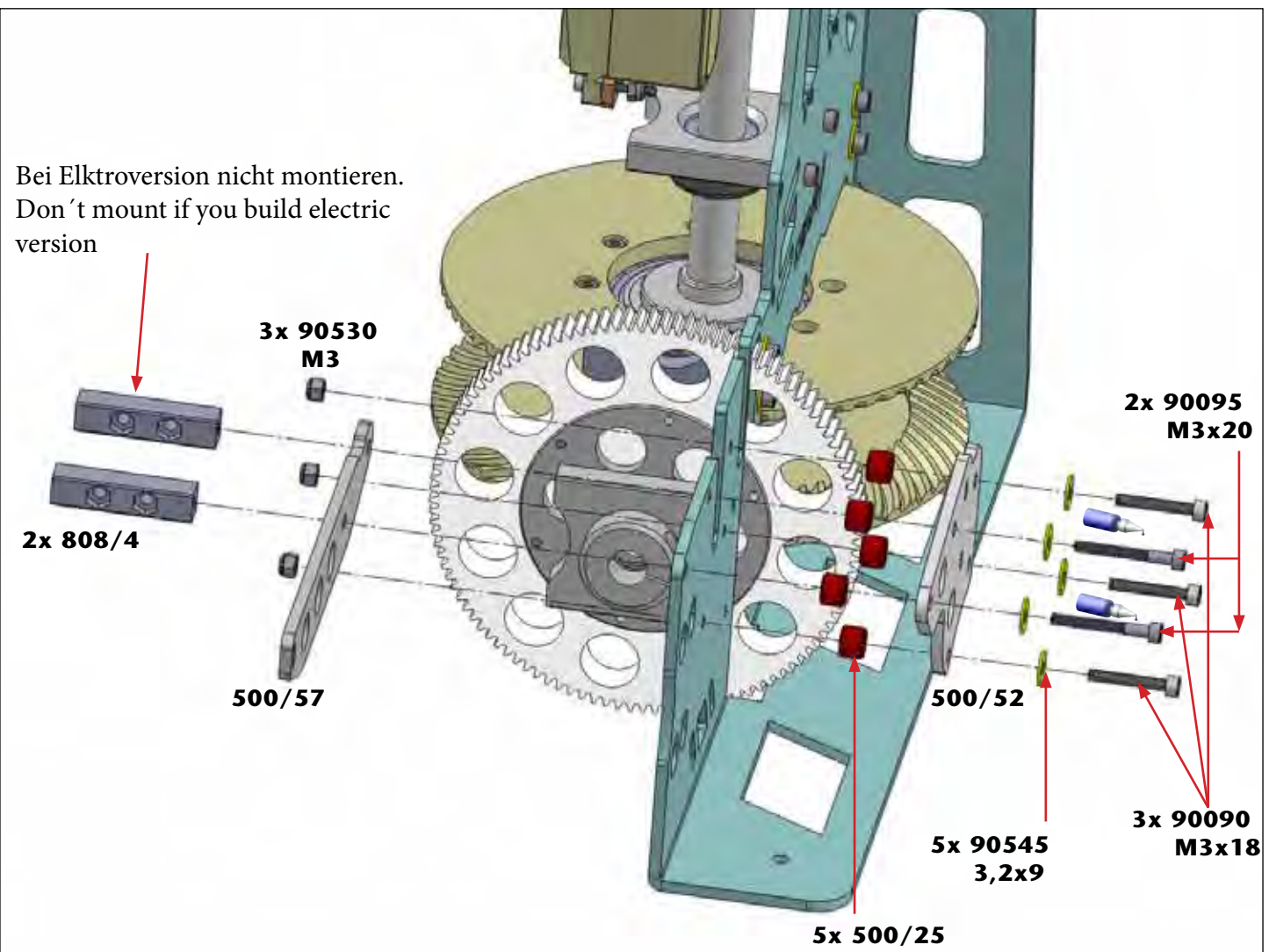
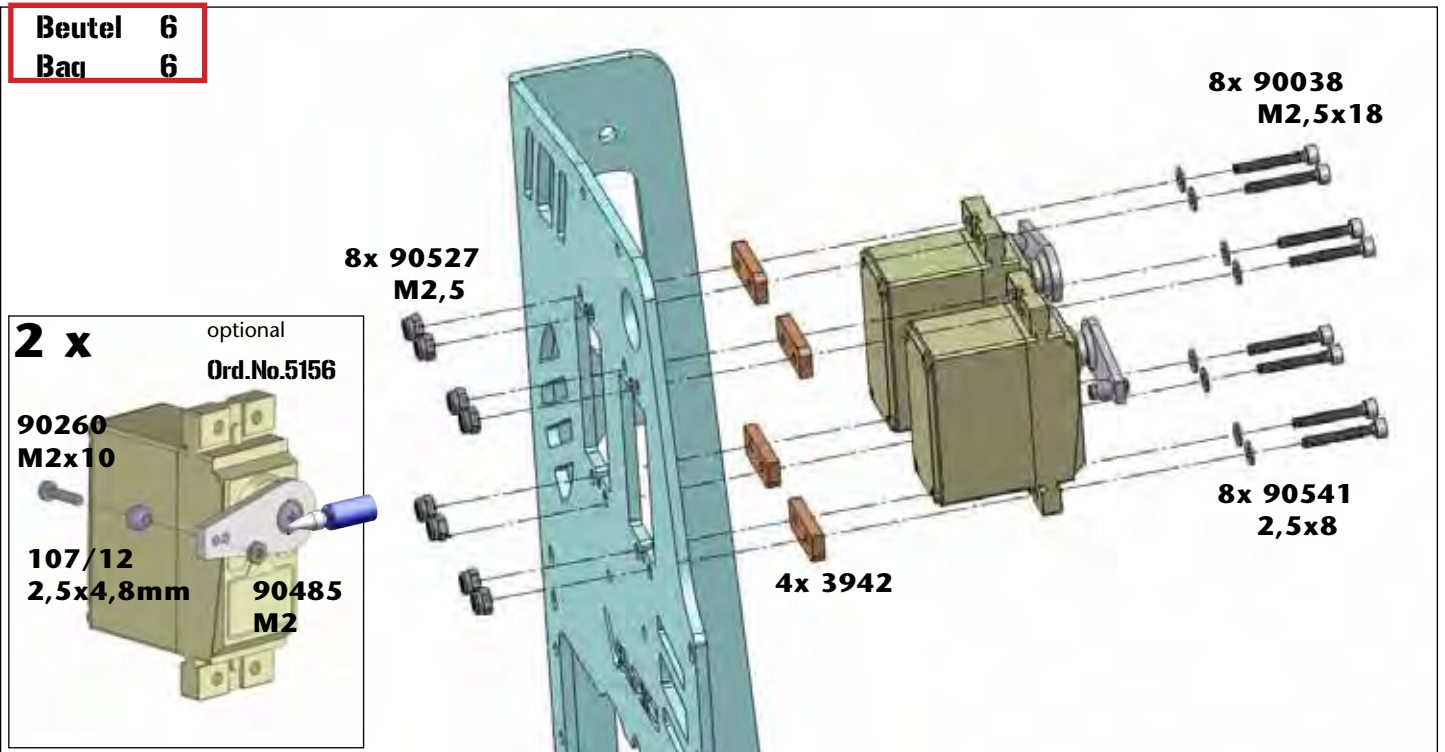


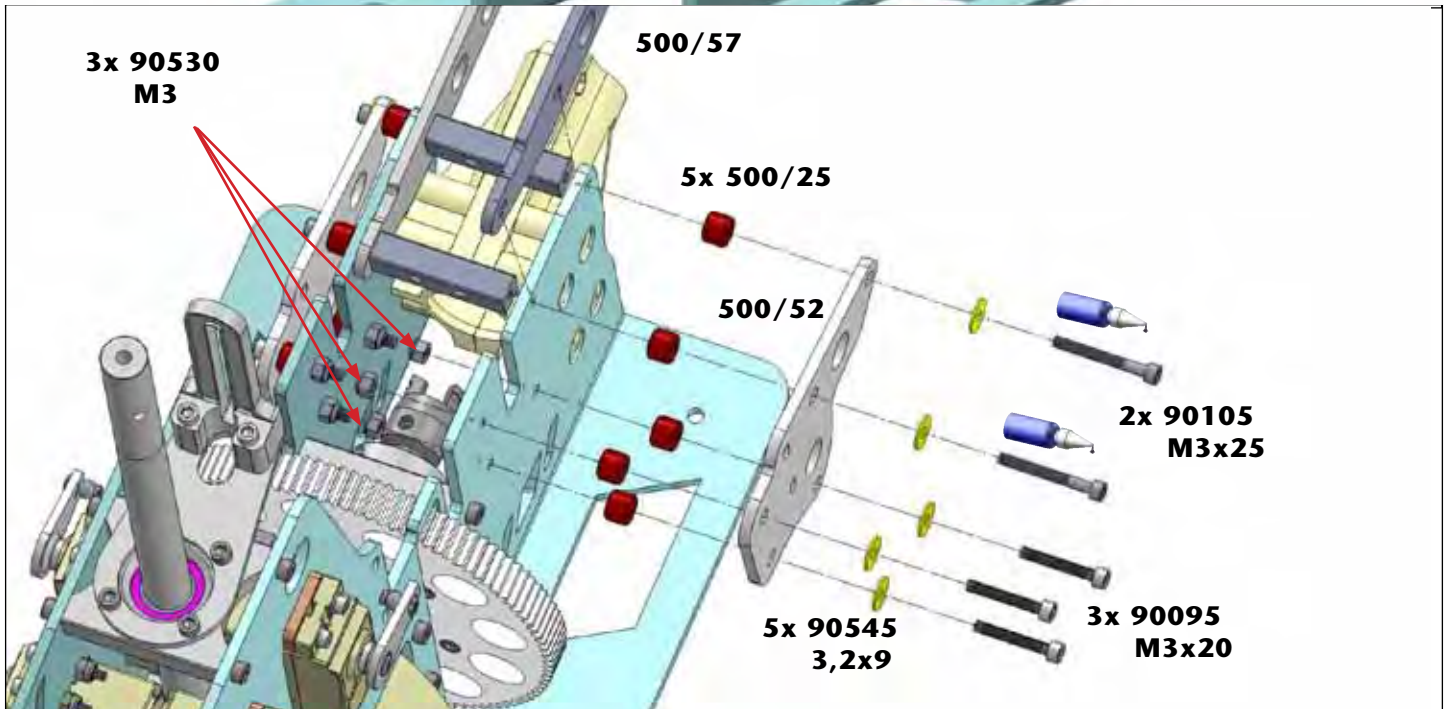
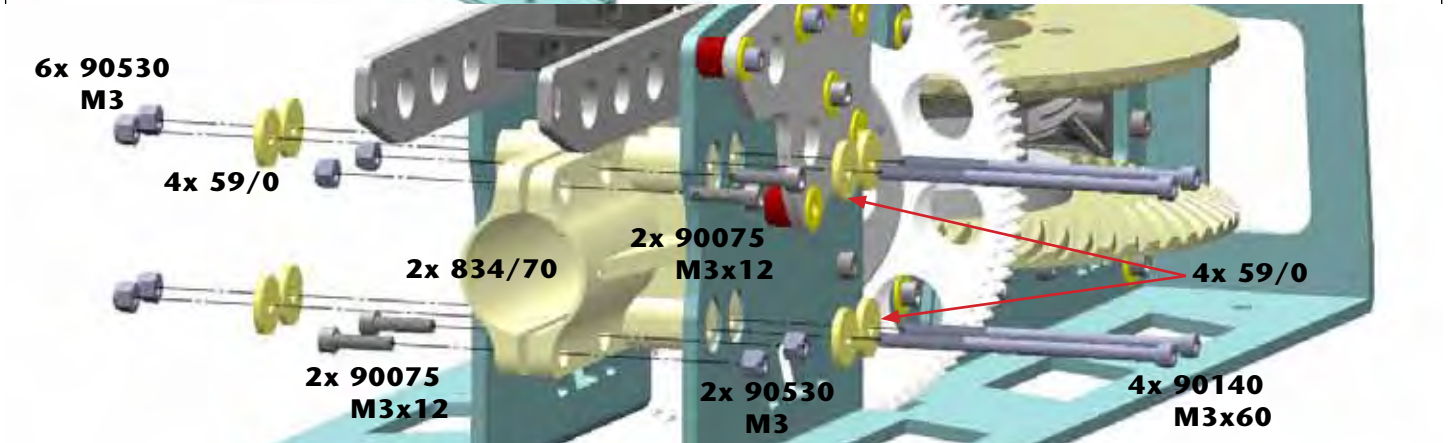
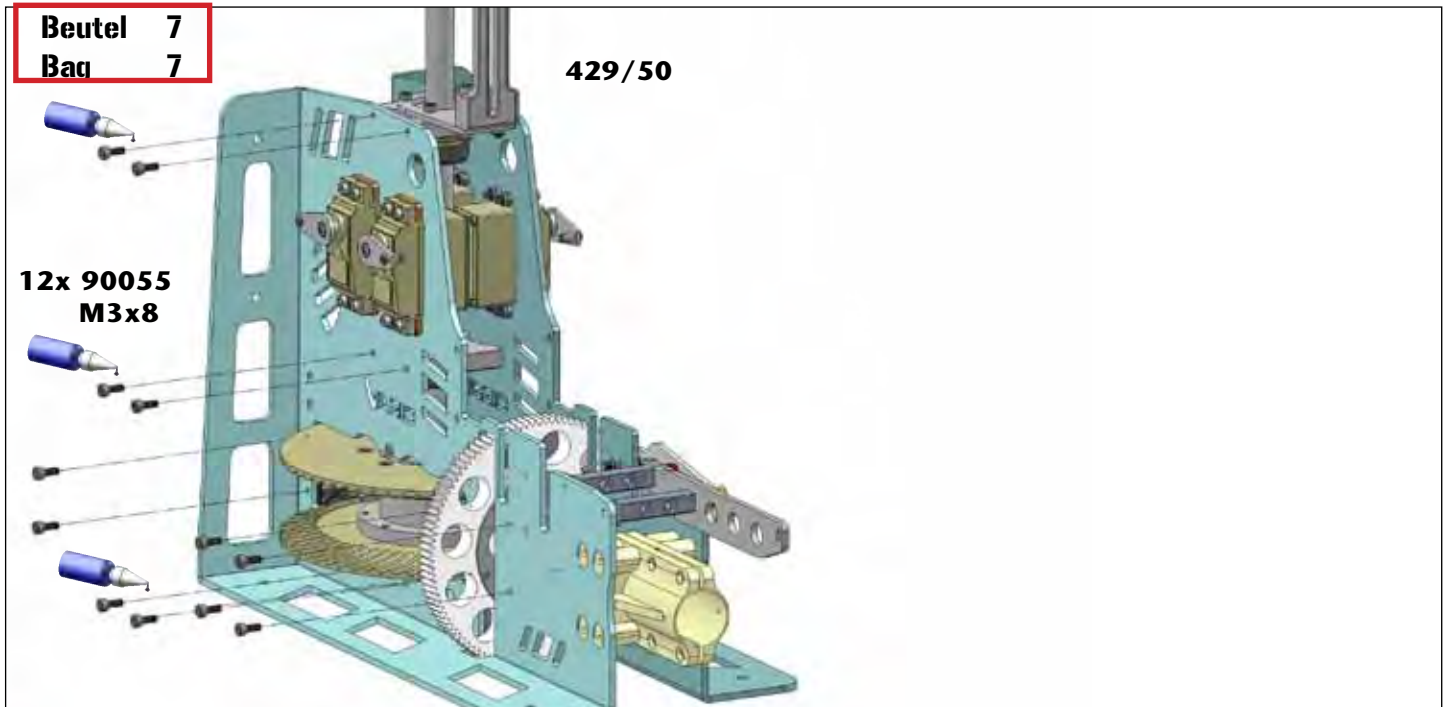
Ord.No.10/24
 Schraubensicherung mittelfest
 Thread-lock fluid medium-strength, 10 ml

Beutel 5
Bag 5



Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml

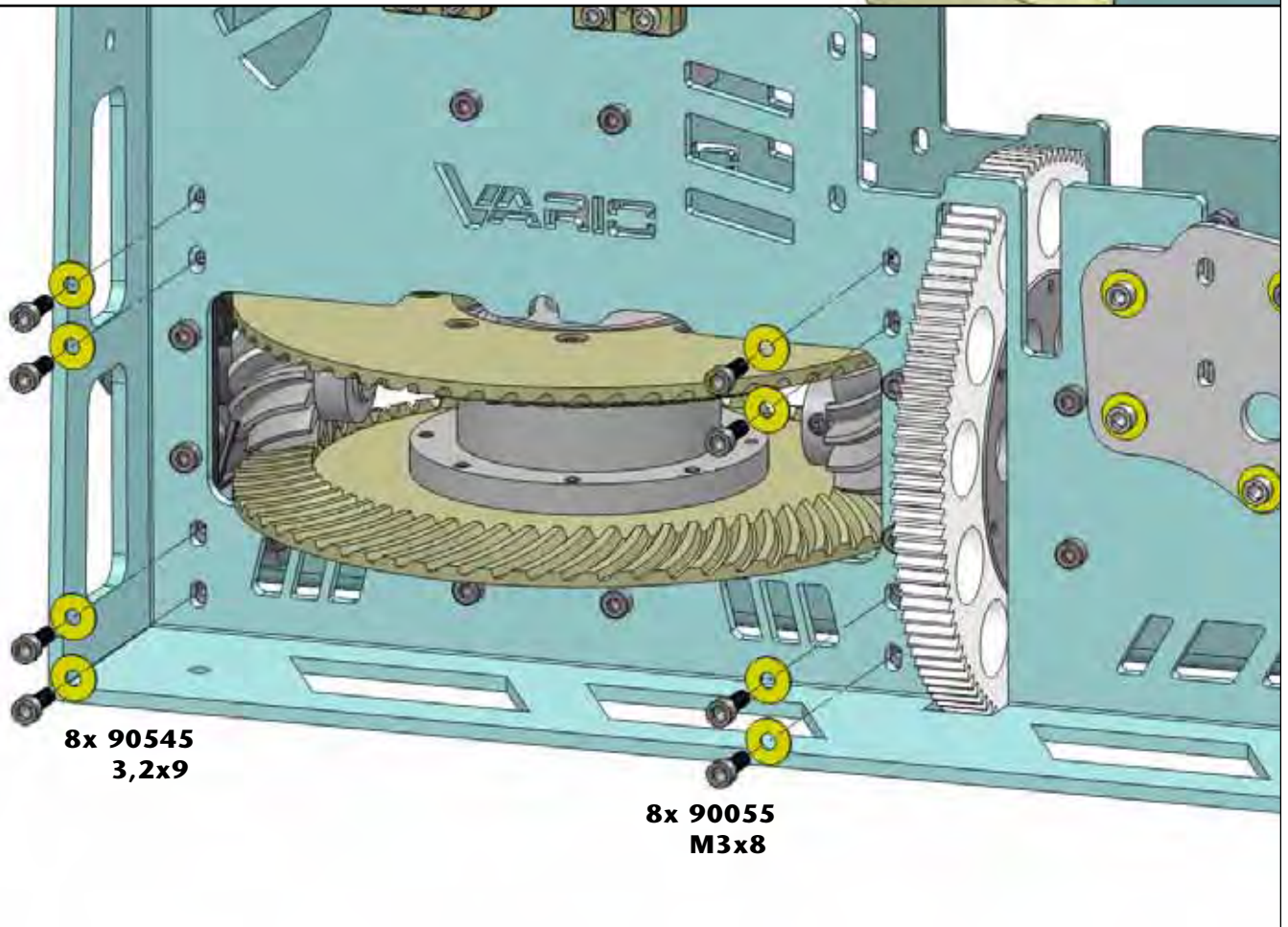
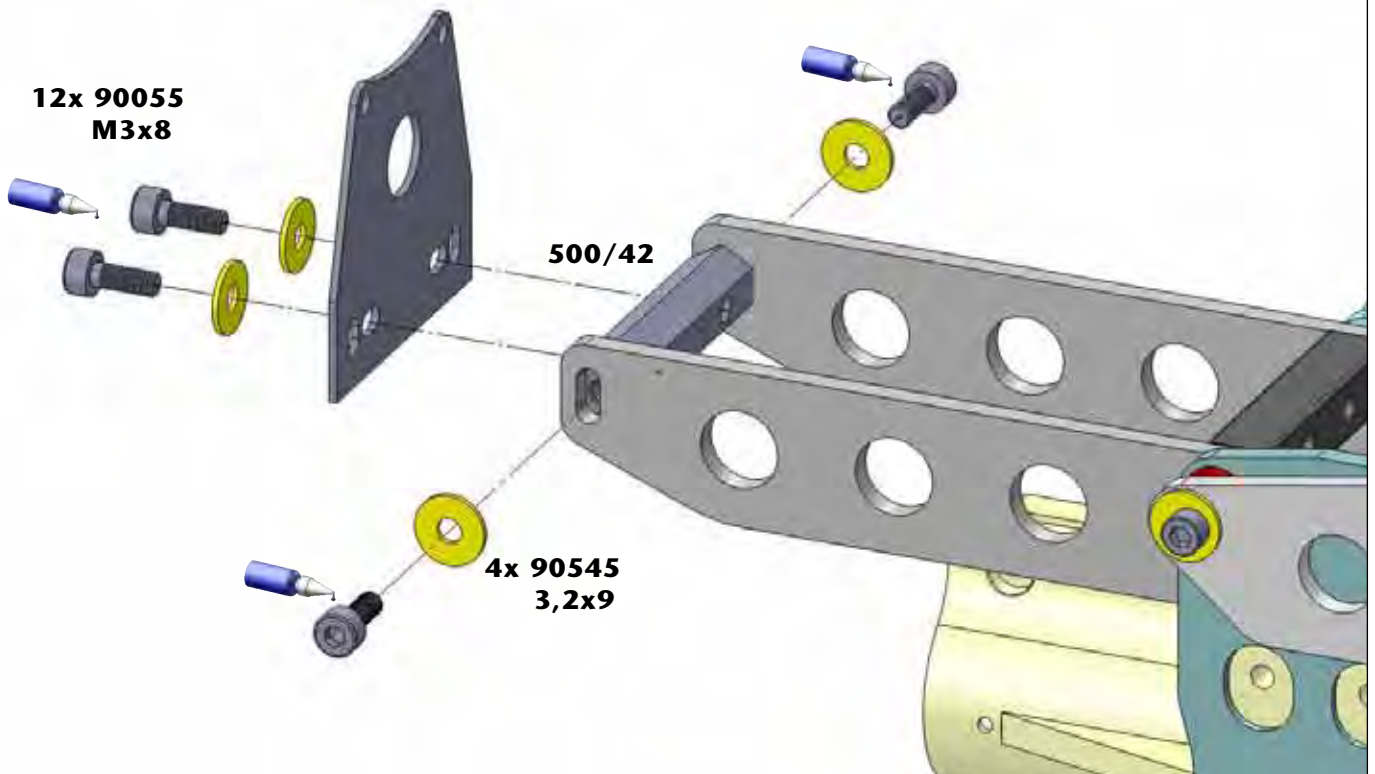




Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml

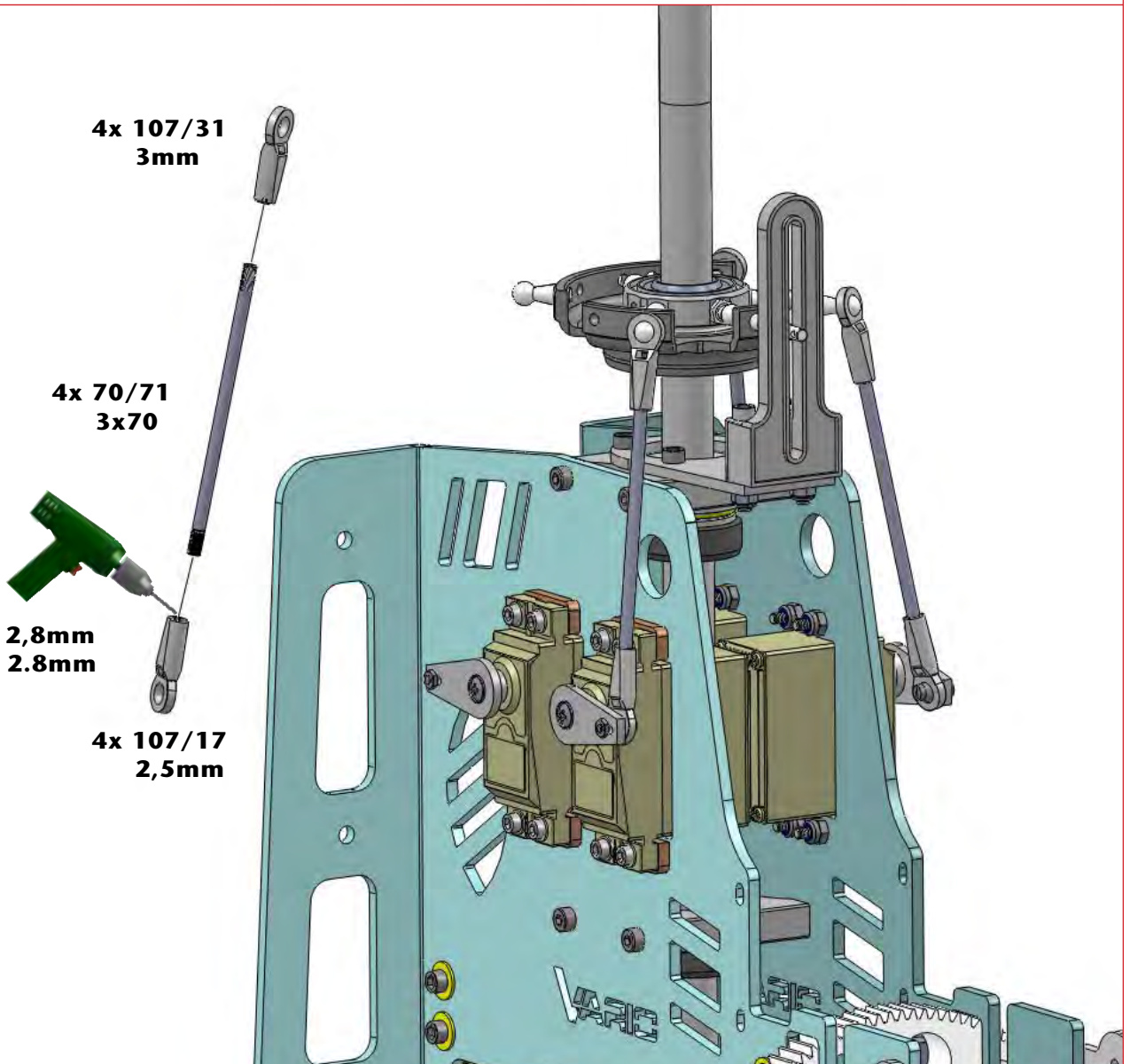
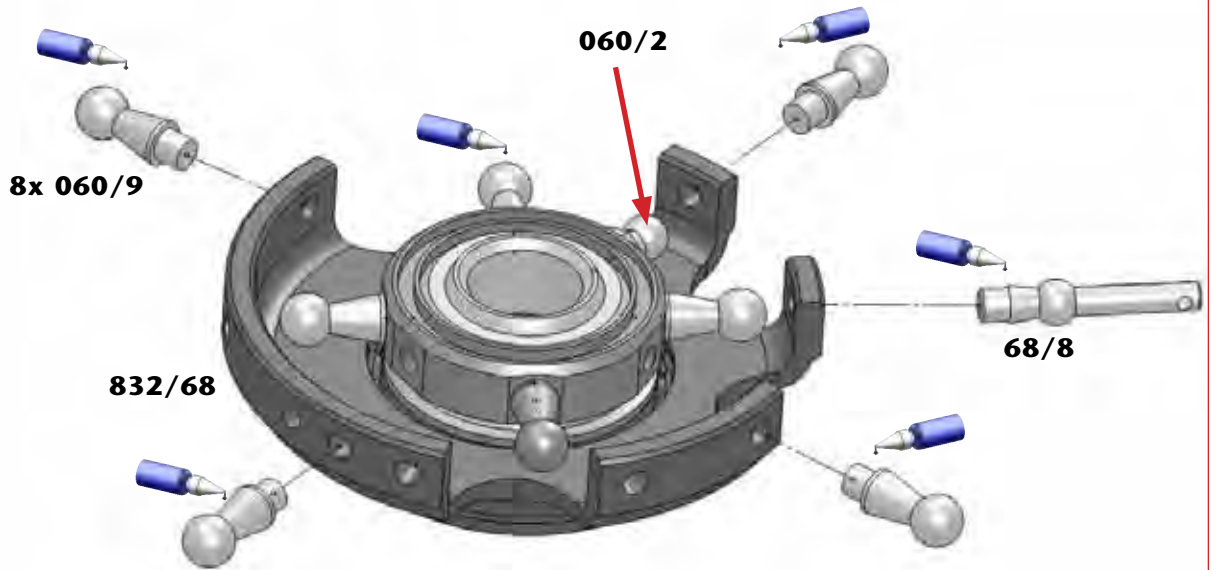
Beutel 8
Bag 8

Nur bei Verwendung von Turbine
mount only if you use turbine



Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml

Beutel 9
Bag 9



Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml



Ord.No. 11/73
Ø 2,8mm

Beutel 10
Bag 10



4x 90476
M4x12

4x 90055
M3x8

6x 90065
M3x10

6x M44-25

6x 90065
M3x10

2x 90387
M4x6

791/41
8x19x6

55/2
8x19x6

2x 90416
M3x10

791/41
8x19x6

2x 90387
M4x6

6x 90480
M3x10

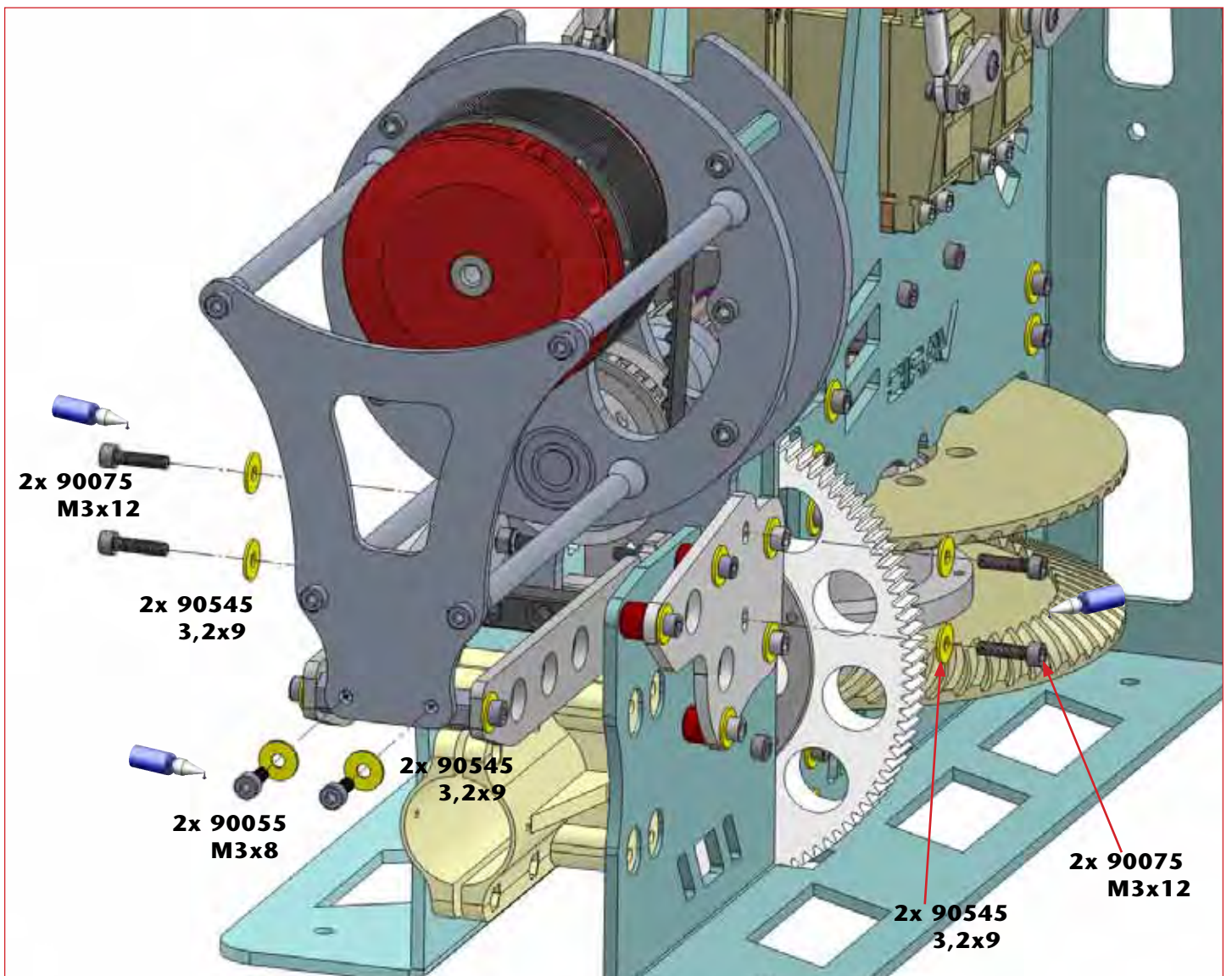
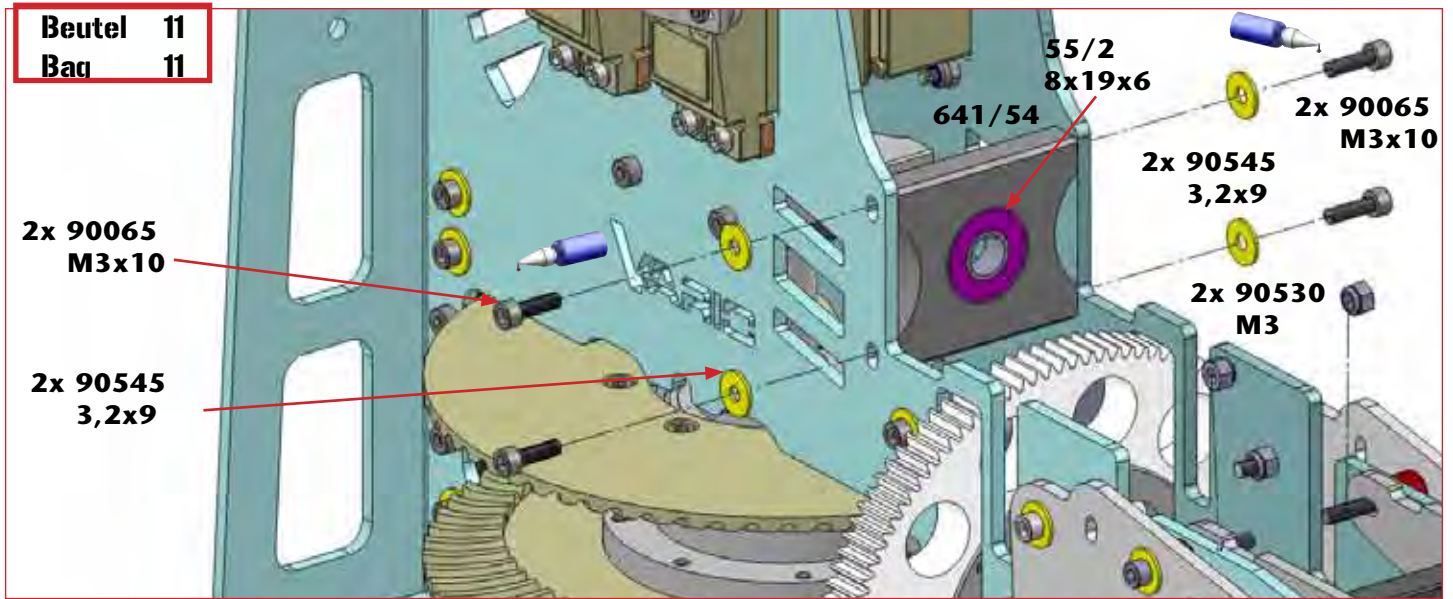
55/2
8x19x6


2x 90385
M4x6

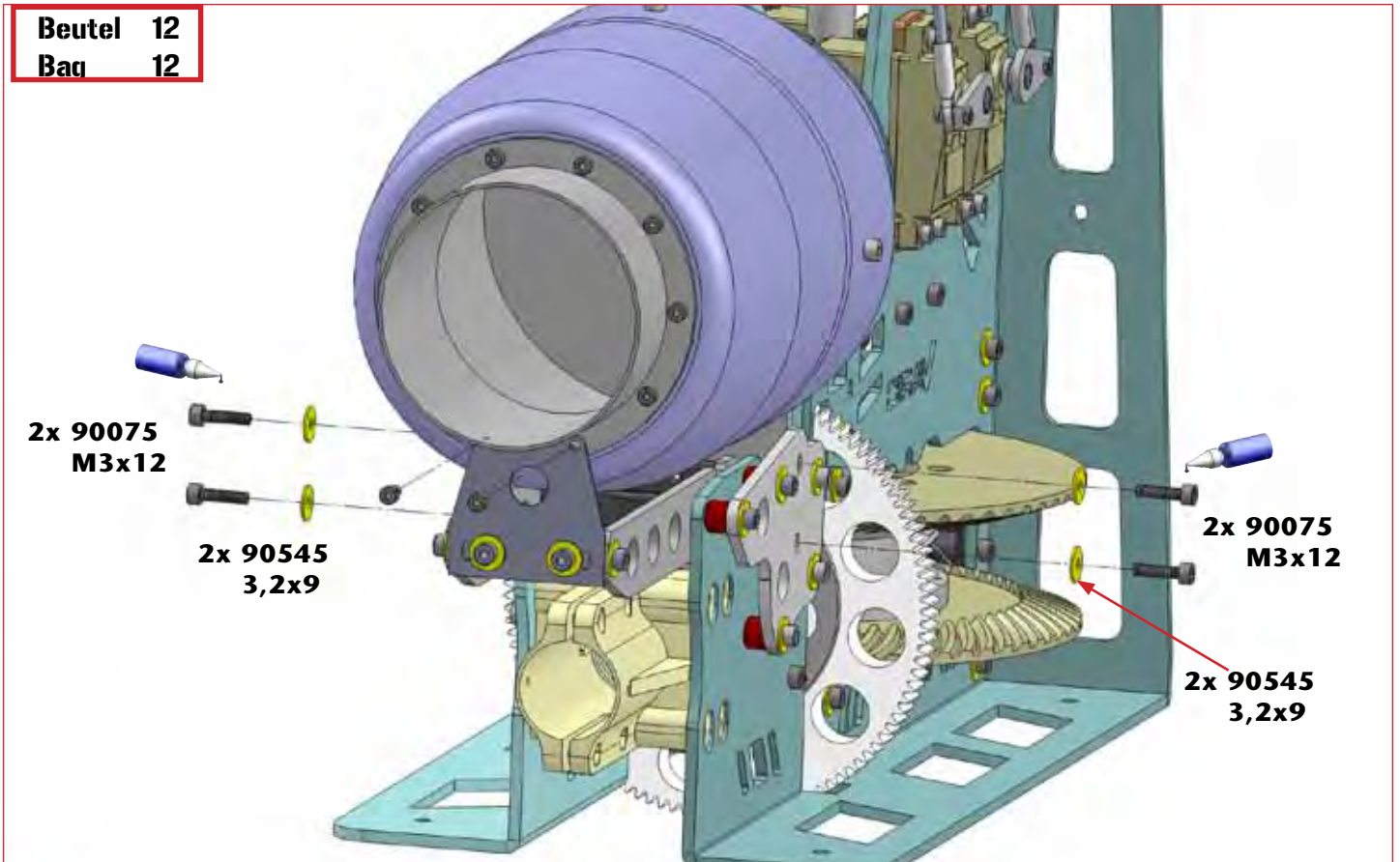
429/24



Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml



 Ord.No.10/24
Schraubensicherung mittelfest
Thread-lock fluid medium-strength, 10 ml



Maximal zulässige Rotordrehzahlen der entsprechenden Rotordurchmesser:

Verwenden Sie nur die für Ihr Modell empfohlenen Rotorblätter - mit entsprechender Getriebeuntersetzung !

Maximum permissible rotor speeds for the corresponding rotor diameter:

Use only the rotor blades recommended for your model - with the appropriate gearbox reduction ratio!

Régime de rotor maximal en fonction du diamètre de rotor:

N'utilisez que les pales conseillés pour votre modèle - avec le rapport de transmission en conséquence!

Numero dei giri massimalmente ammissibili per le rispettive pale:

Osservate di utilizzare per il Vostro modello solo e soltanto le pale consigliate, provvedendo inoltre ad un appropriato riduttore.

La velocidad de rotación máxima admisible del rotor de los correspondientes diámetros del rotor:

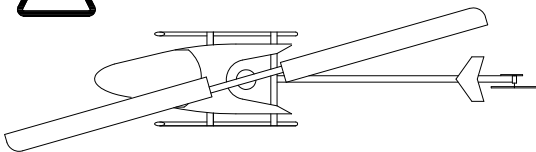
Solamente utiliza usted las palas de rotor recomendadas para su modelo - con la transmisión de reducción correspondiente.

Maximaal toelaatbare rotortoerental afgestemd op de rotordiameter.

Gebruikt U alleen de aanbevolen rotorbladen voor uw model - met de passende aandrijfverbrenings-verhoudin



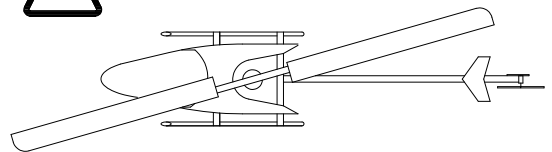
Ø 1300 - Ø 1400mm



max. 1700 U/min (Rpm)



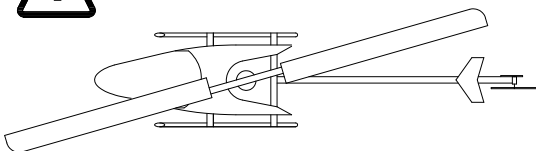
Ø 1500 - Ø 1530mm



max. 1600 U/min (Rpm)



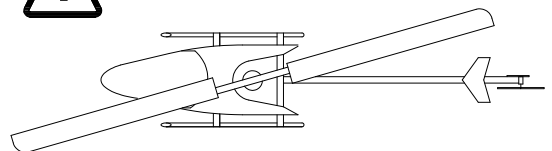
Ø 1580 - Ø 1640mm



max. 1500 U/min (Rpm)



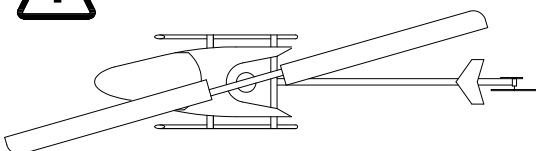
Ø 1670 - Ø 1680mm



max. 1350 U/min (Rpm)



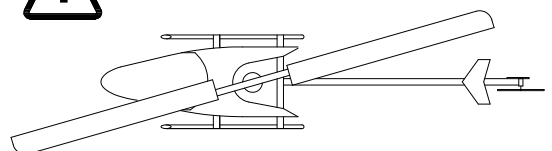
Ø 1780 - Ø 1810mm



max. 1270 U/min (Rpm)



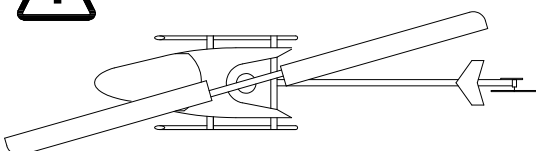
Ø 1880mm



max. 1000 U/min (Rpm)



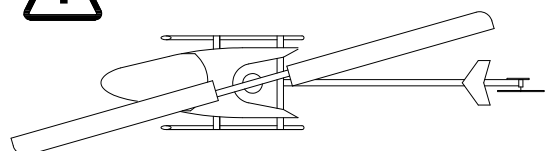
Ø 2160mm



max. 900 U/min (Rpm)



Ø 2500mm



max. 850 U/min (Rpm)