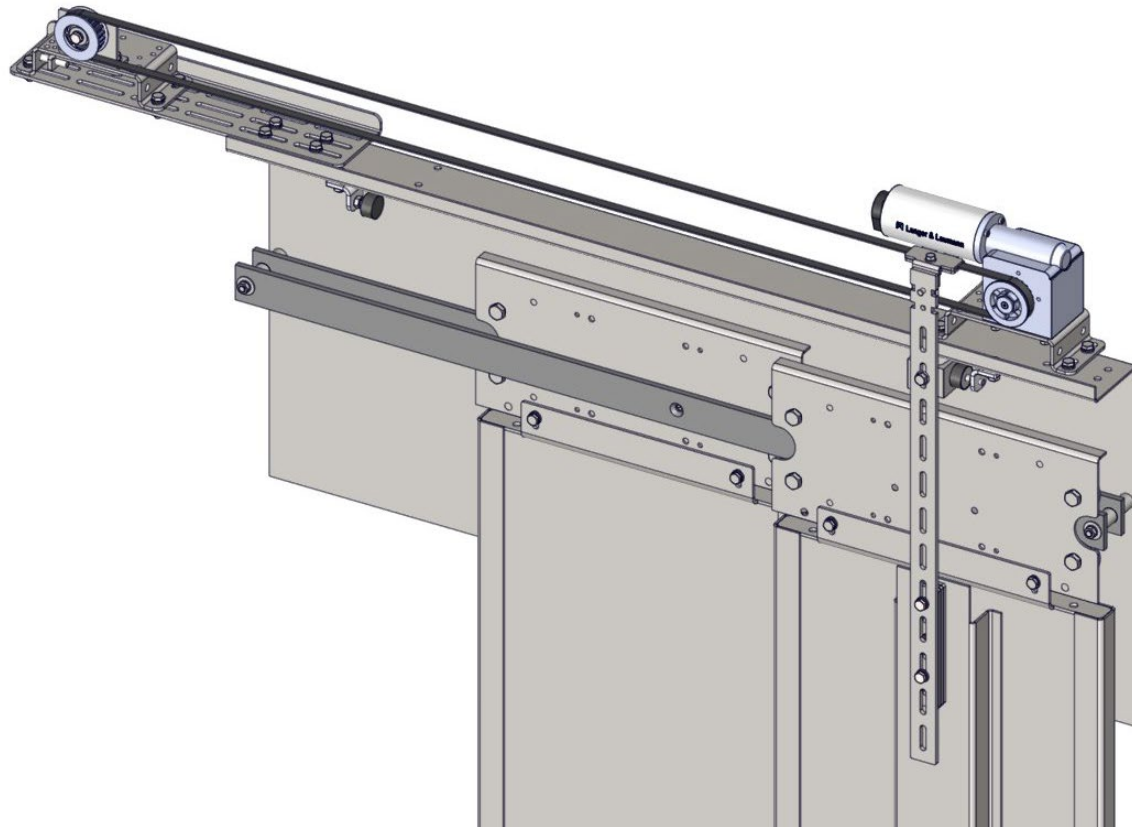


Montageanleitung **Assembly Instruction**

TSG in Canossa – **TSG in Canossa**

TSG in Canossa – TSG in Canossa



Lieferumfang – scope of supply



picture	Number	description DE	description EN	quantity
	8.20.00101.04	TSG V4 Lift Door Operator -Electronic extern-	TSG V4 lift door operator -electronic extern- 230[VAC]/50-60	1
	8.20.4000x.X1	Motor Gross Links/ Rechts & Getriebe, 24V/4,9A/1:15	motor large left & gearbox, 24V/4,9A/1:15	1
	1.20.92110	Adapterplatte	adapter plate	1
	1.20.60069	TSG Türflügelmitnehmer, extra lang (ca. 67,5cm)	TSG door panel coupler, XL (ca. 67,5cm)	1
	1.20.60060	TSG Kombiwinkel, Ausführung 'Hut', für TSG Motor oder Umlenkrad	TSG universal bracket, version 'hat', for TSG motor or counter roller	2
	1.20.60046	Futterblech für Türflügelmitnehmer	distance sheet metal for door coupler	4
	1.20.60030	TSG Anschlagsatz Puffer inkl. Halterung	TSG stopper kit buffer incl. holder	1
	1.20.60020	TSG Anschlag für Türflügelmitnehmer	TSG stopper for door coupler	1

picture	Number	description DE	description EN	quantity
	1.20.60013	TSG Halter für Umlenkrad	TSG bracket for counter roller	1
	1.20.60005	TSG Zahnriemenschloß, Stahl	TSG toothed belt lock, steel	1
	1.20.60003	TSG Umlenkrad	TSG counter roller	1
	1.20.59070	Halterung Puffer für M3TK	rectangular stop for M3TK	2
	8.20.60002.40	TSG Zahnriemen [4,0m]	TSG toothed belt [4,0m]	1
	1.36.00501	Sperrzahnmutter, ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	8
	1.36.00440	Scheibe DIN125A vz - 8,4	washer DIN125A vz - 8,4	18
	1.36.00176	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x25	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x25	16
	1.36.00430	Sechskantmutter DIN934-8 vz 8.8 - M8	hexagon nut DIN934-8 vz 8.8 - M8	8

picture	Number	description DE	description EN	quantity
	1.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	2
	1.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	18
	1.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	hexagon head serrated screw WN0274 A2C 8.8 - M8x20	2
	8.20.13330	Schraubentüte	screw bag	1

Vor Umbau – before conversion

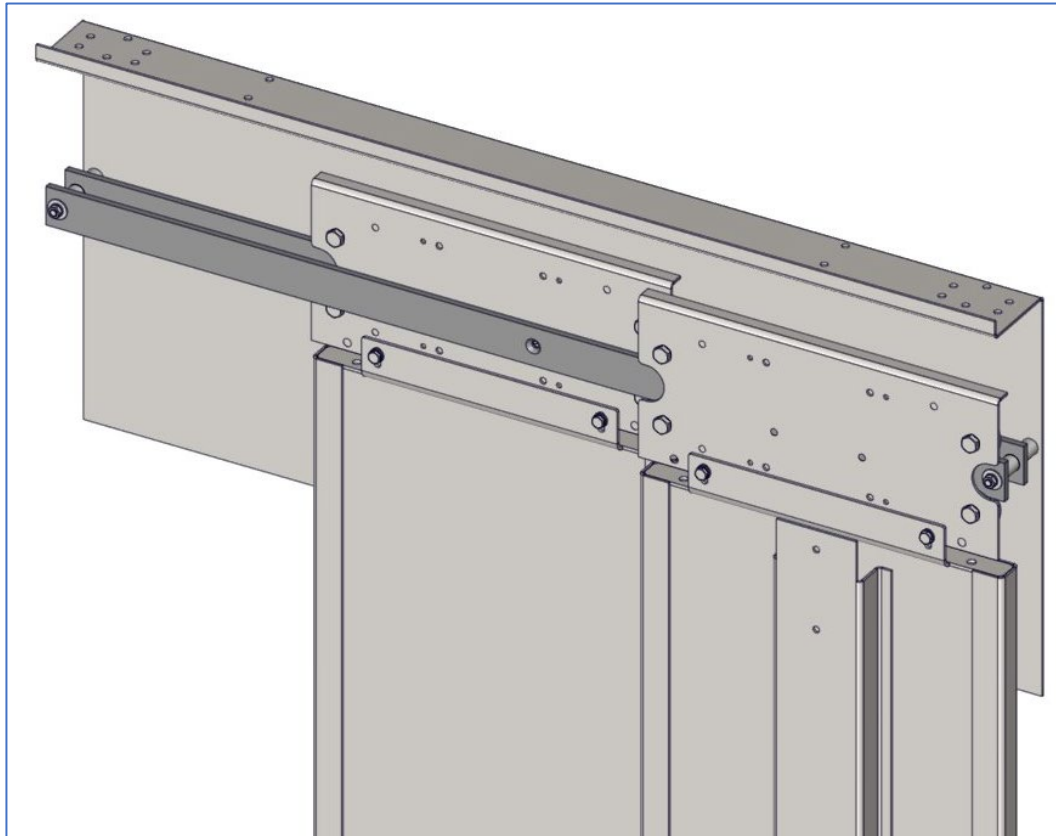
TL



**TR spiegelbildlich –
TR mirrored**

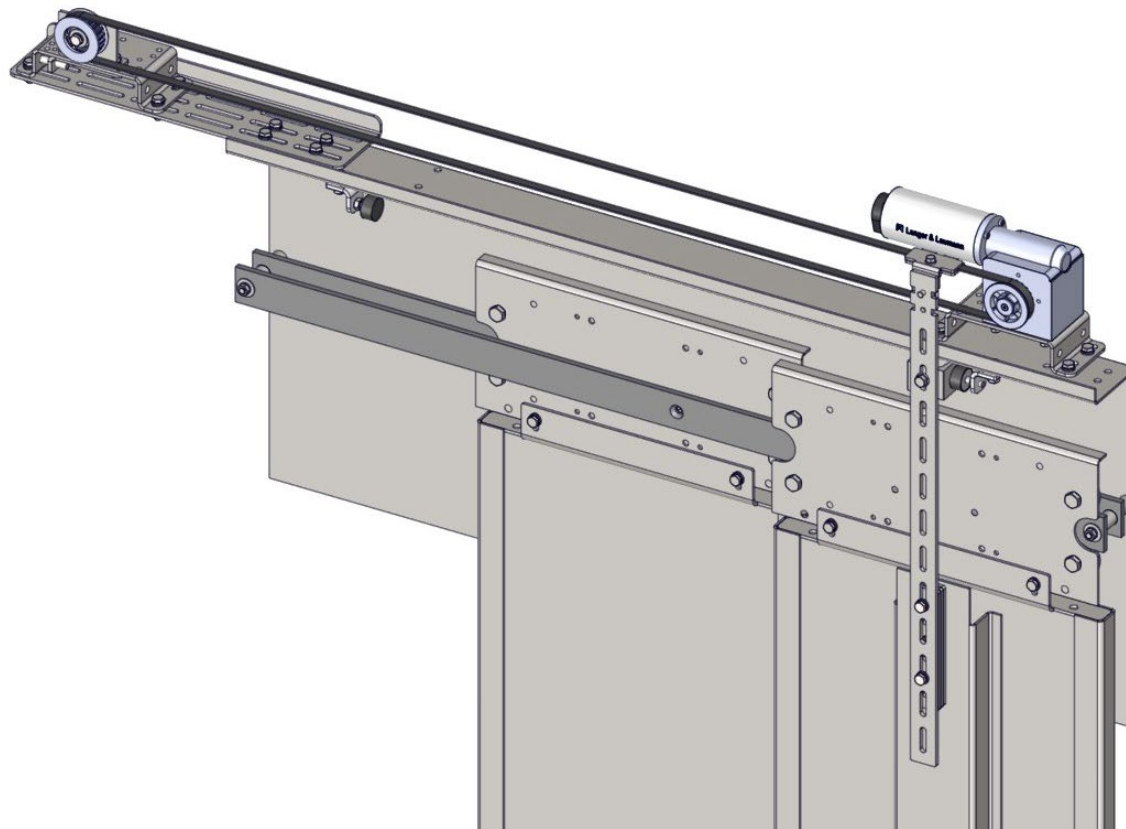
Nach Demontage – after disassembly

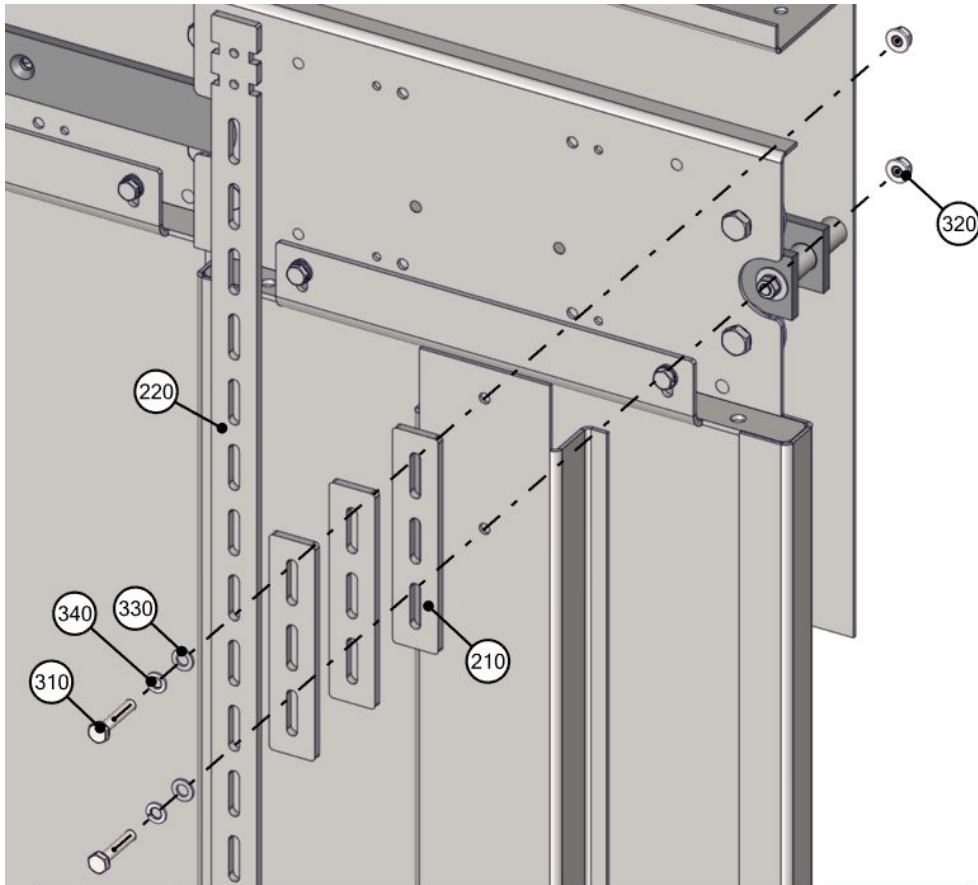
TL



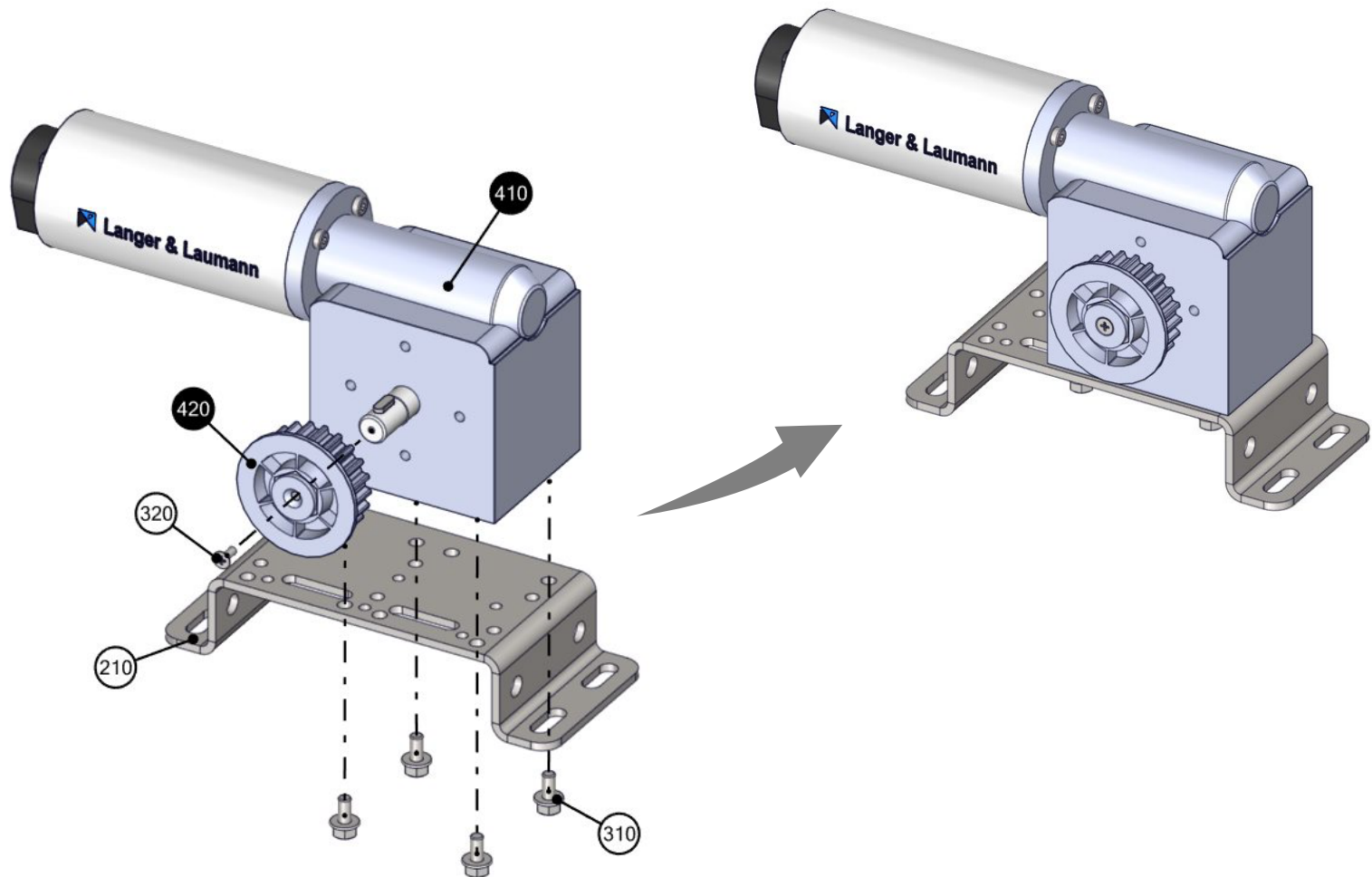
**TR spiegeltbildlich –
TR mirrored**

Montage TSG – assembly of the TSG

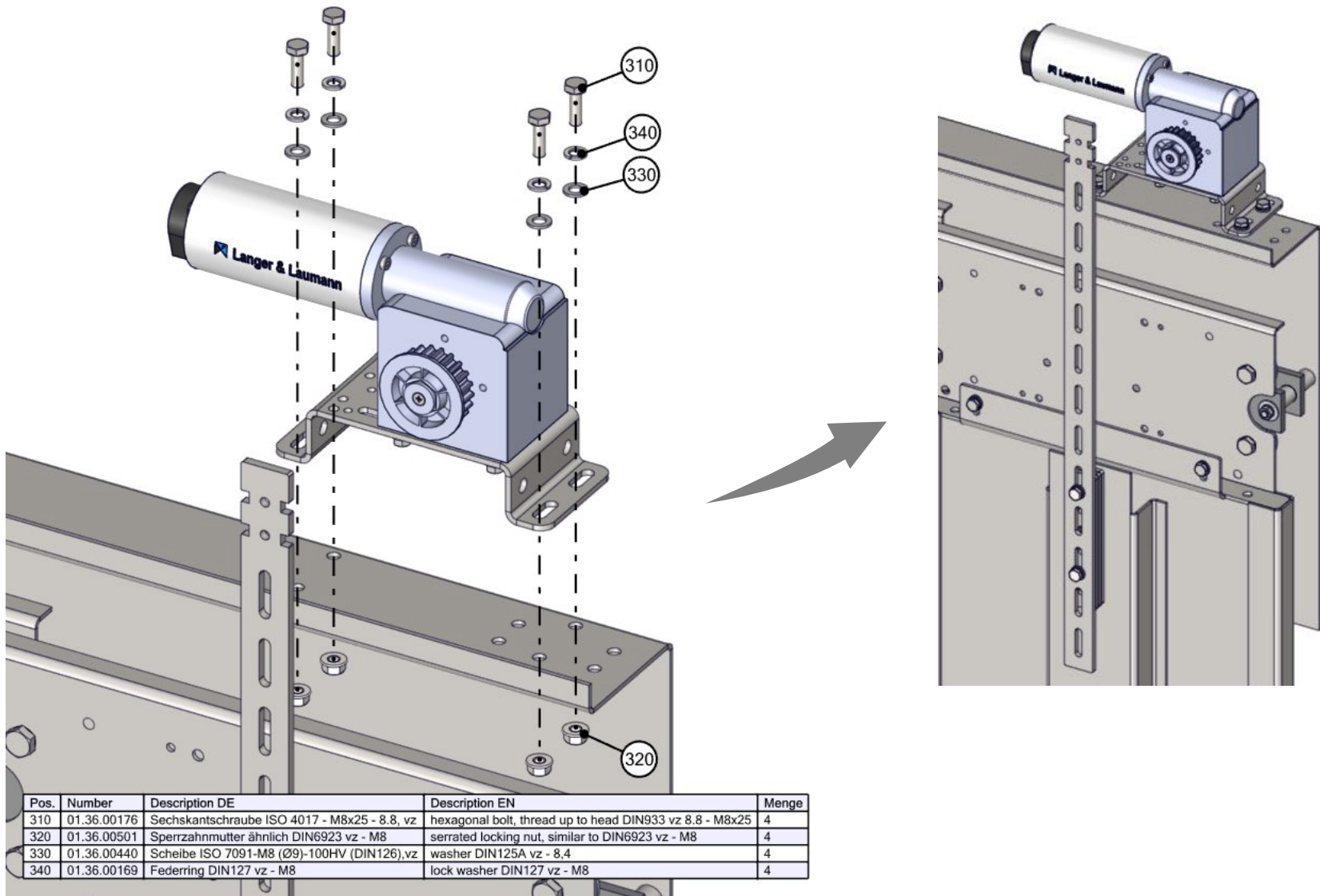




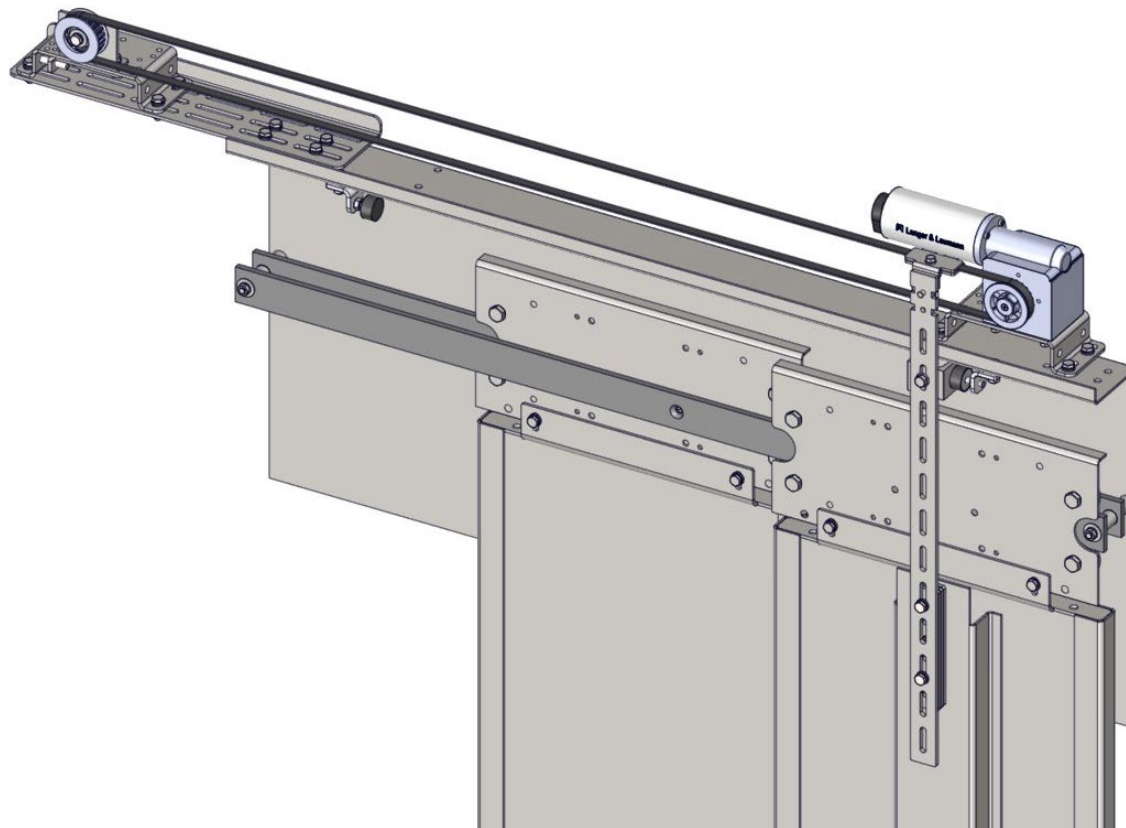
Pos.	Number	Description DE	Description EN	Menge
210	01.20.60046	Futterblech für Türflügelnehmer	distance sheet metal for door coupler	3
220	01.20.60069	Türflügelmitnehmer 675x35x6	door panel coupler 675x35x6	1
310	01.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	2
320	01.36.00501	Sperrzahnmutter ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	2
330	01.36.00440	Scheibe ISO 7091-M8 (Ø9)-100HV (DIN126),vz	washer DIN125A vz - 8,4	2
340	01.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	2

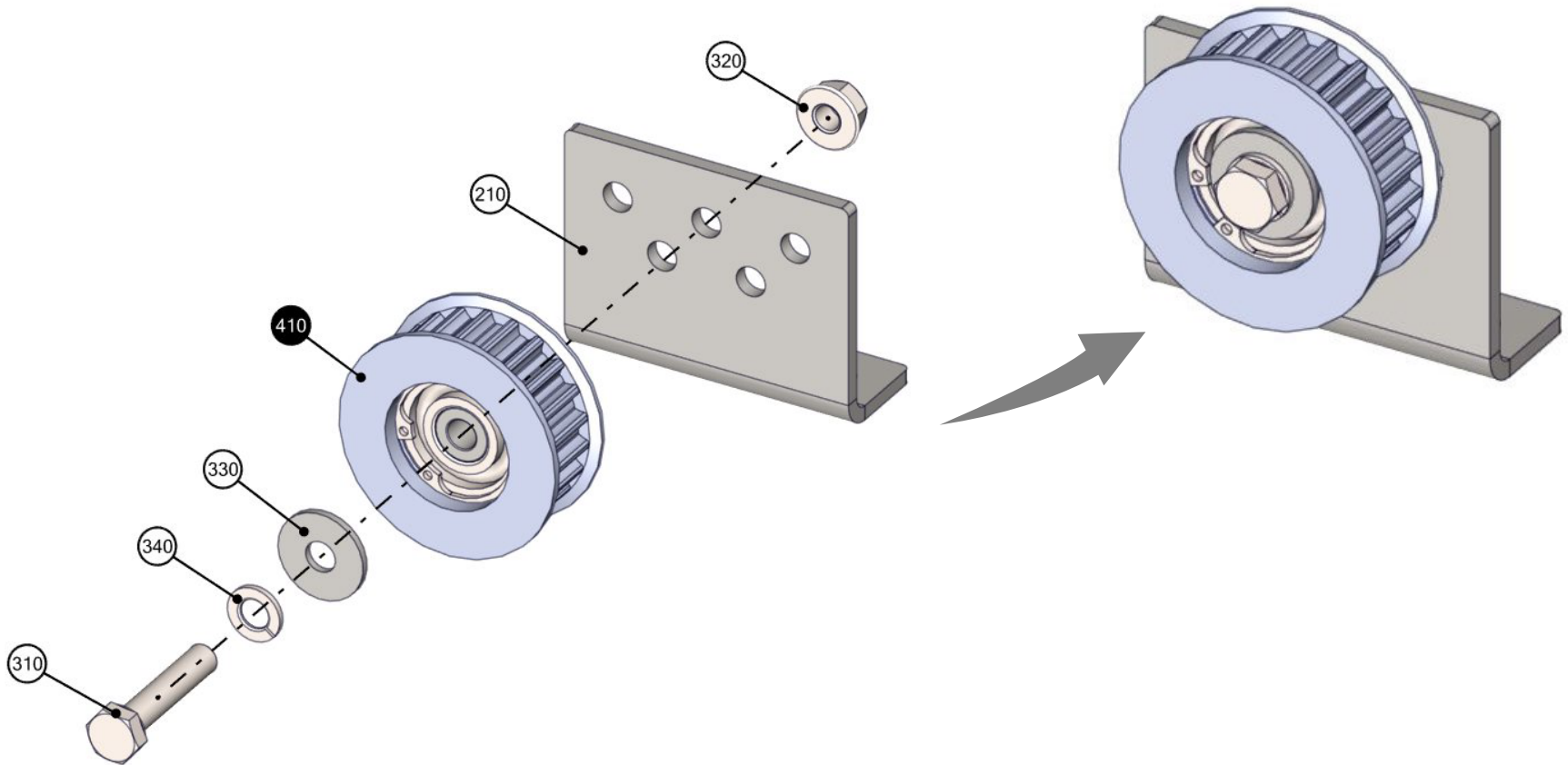


Pos.	Number	Description DE	Description EN	Menge
210	01.20.60060	TSG Kombiwinkel, Ausführung "Hut", für TSG Motor oder Umlenkrad	TSG universal bracket, version "hat"	1
310	01.36.00135	Sperrzahnschraube DIN 6921 M6x12 verz.	hexagon head serrated screw WN0274 A2C 8.8 - M6x12	4
320	01.36.00332	Senkschraube vz 4.8 DIN965 - M4x10	countersunk screw w. cross recess DIN965 vz 4.8 - M4x10	1
410	08.20.40000.X1	Motor Gross Links & Getriebe, 24V/4,9A/1:15	motor large left & gearbox, 24V/4,9A/1:15	1
420	01.20.60160	Zahnriemenrad, STD8M, d=14H7, D=56[mm], B=15[mm], mit Nut, mit 1 Bordscheibe	timing belt pulley, STD8M, d=14H7, D=56[mm], B=15[mm]	1

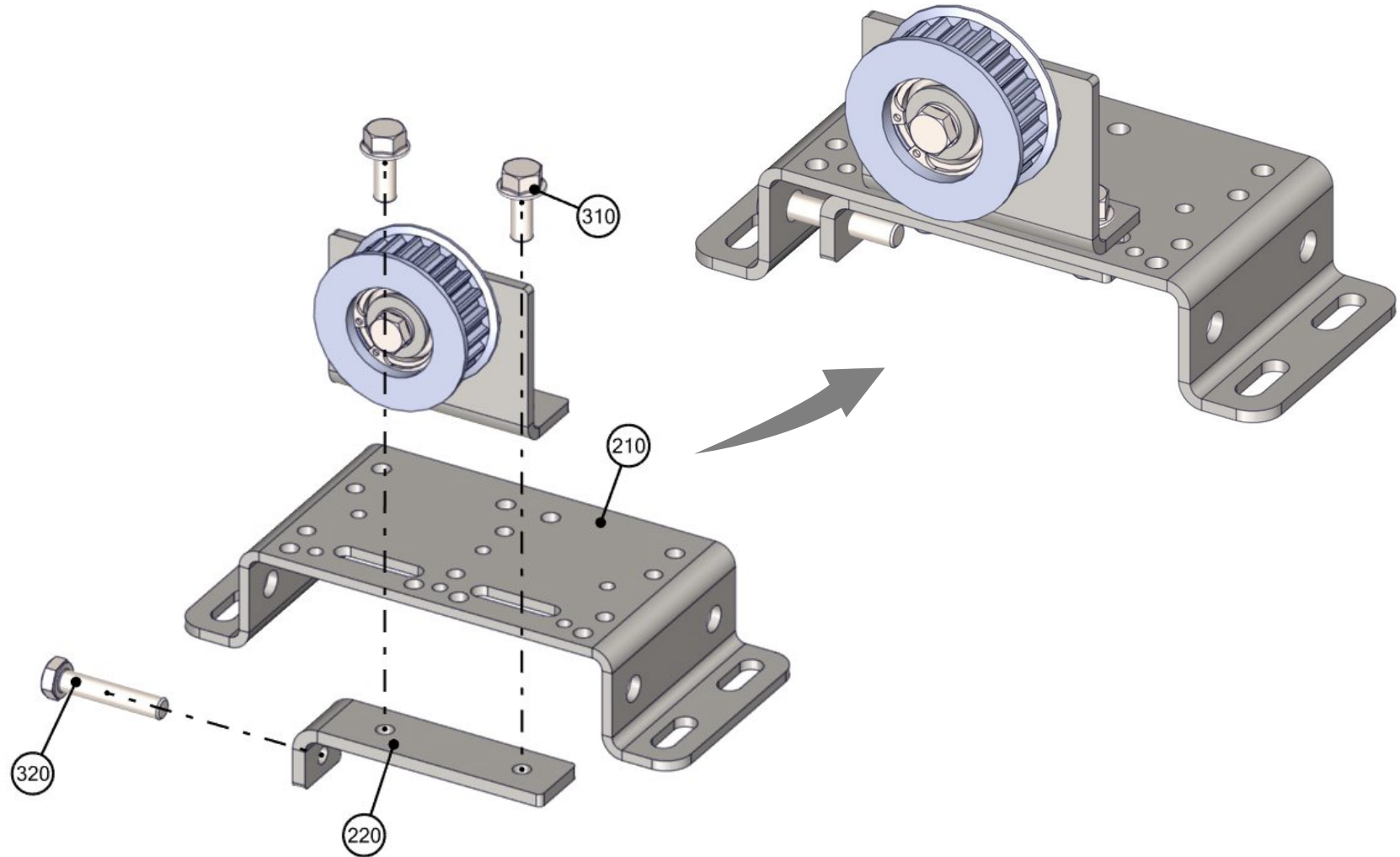


Montage Umlenkrolle – assembly of the counter roller

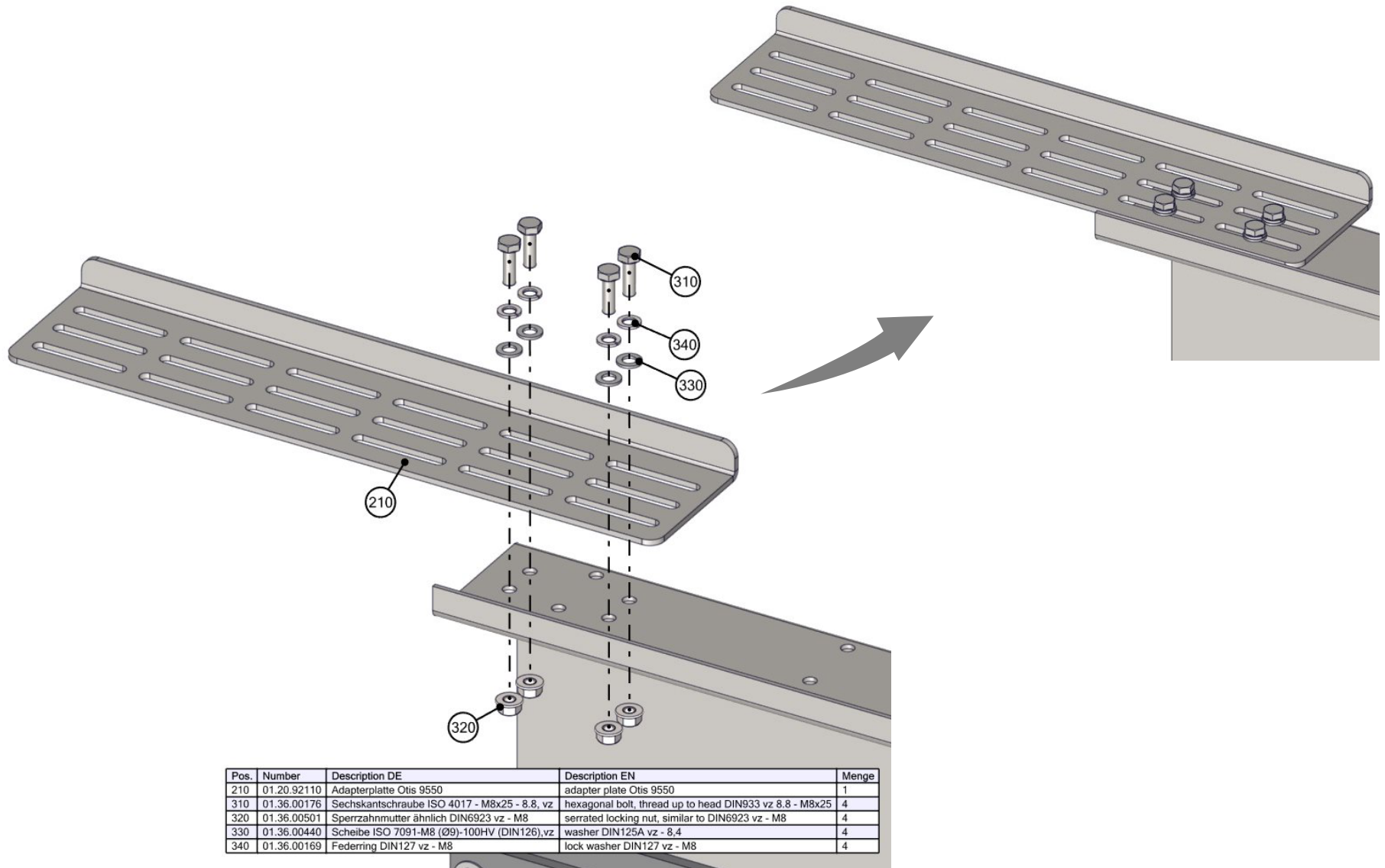


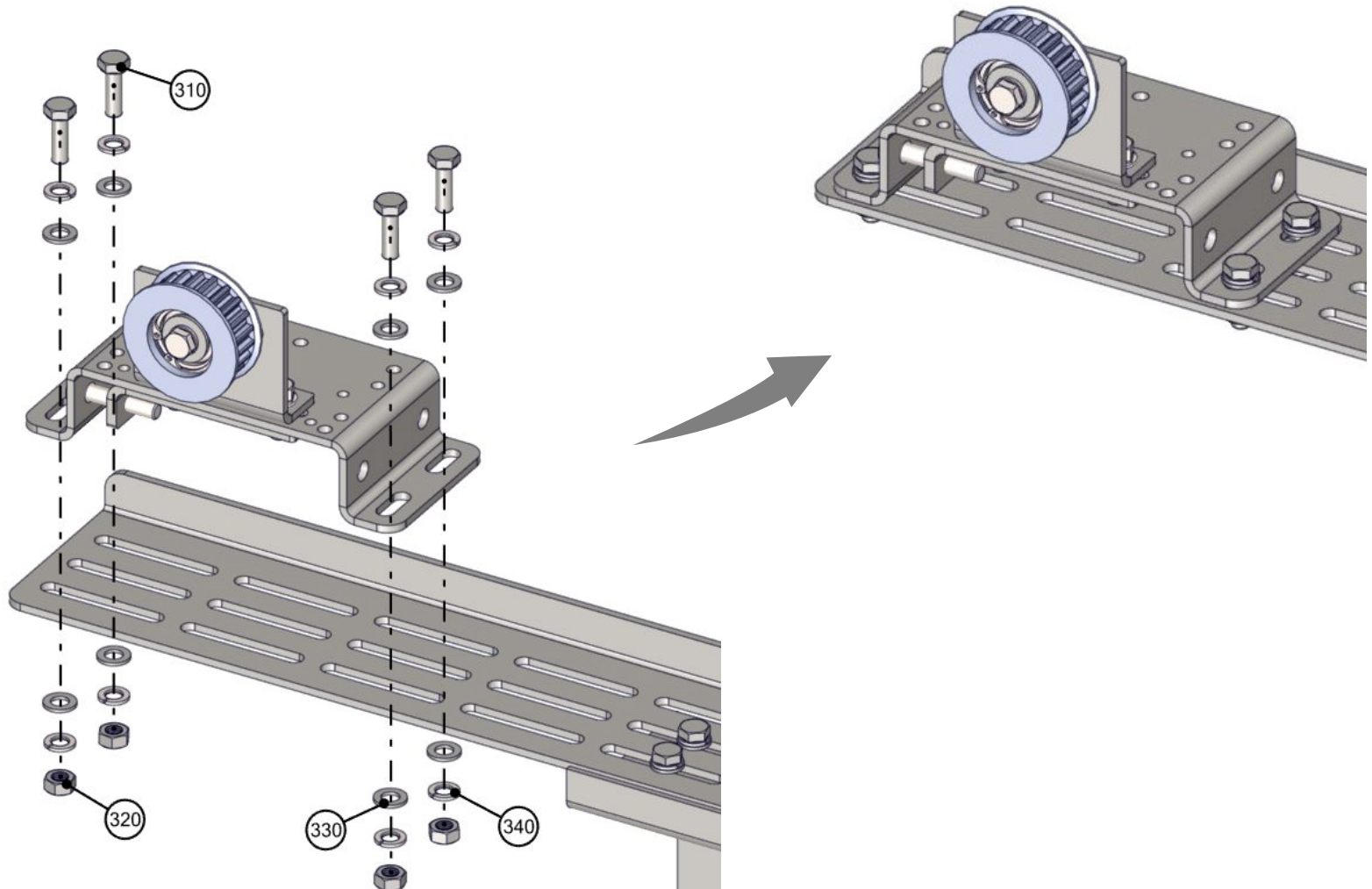


Pos.	Number	Description DE	Description EN	Menge
210	01.20.60013	Halterung Umlenkrolle für Spannstation	TSG bracket for counter roller	1
310	01.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	1
320	01.36.00501	Sperrzahnmutter ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	1
330	01.36.00450	Kotflügelscheibe DIN522 vz - 8,4x20x1,25	wing repair washer DIN522 vz - 8,4x20x1,25	1
340	01.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	1
410	01.20.60003	Tüte Umlenkrad	TSG counter roller	1



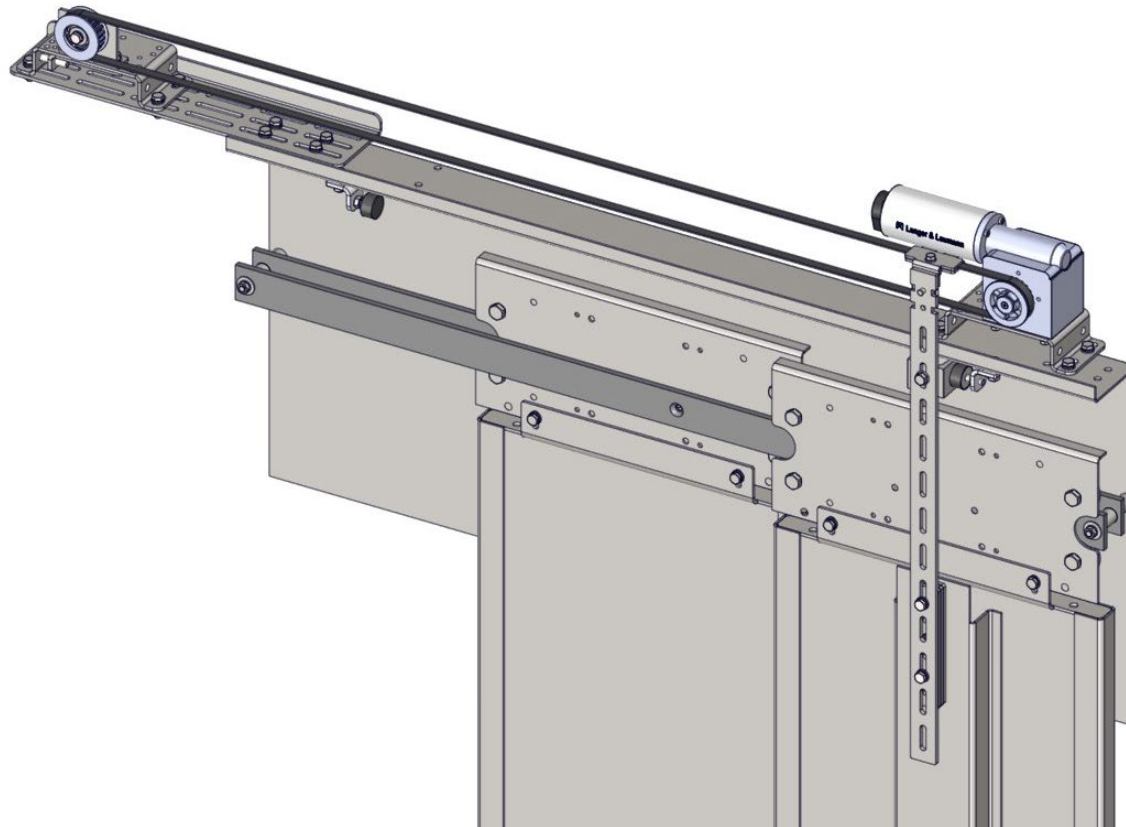
Pos.	Number	Description DE	Description EN	Menge
210	01.20.60060	TSG Kombiwinkel, Ausführung "Hut", für TSG Motor oder Umlenkrad	TSG universal bracket, version "hat"	1
220	01.20.60110	Spannlasche für Spannstation	clamping tab for clamping station, normal execution	1
310	01.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	hexagon head serrated screw WN0274 A2C 8.8 - M8x20	2
320	01.36.00115	Sechskantschraube Vollgewinde DIN933 vz 8.8 - M8x40	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x40	1

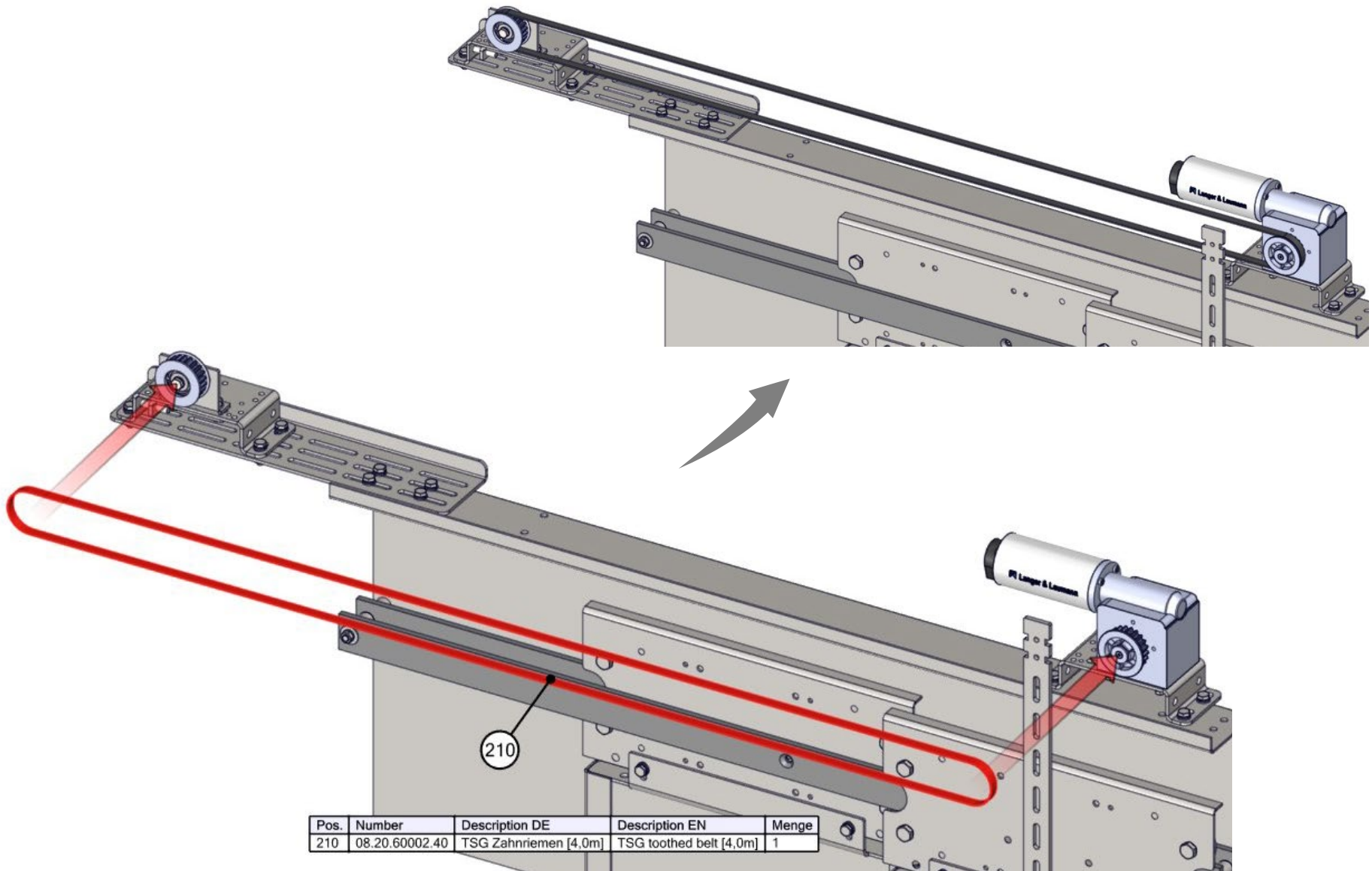


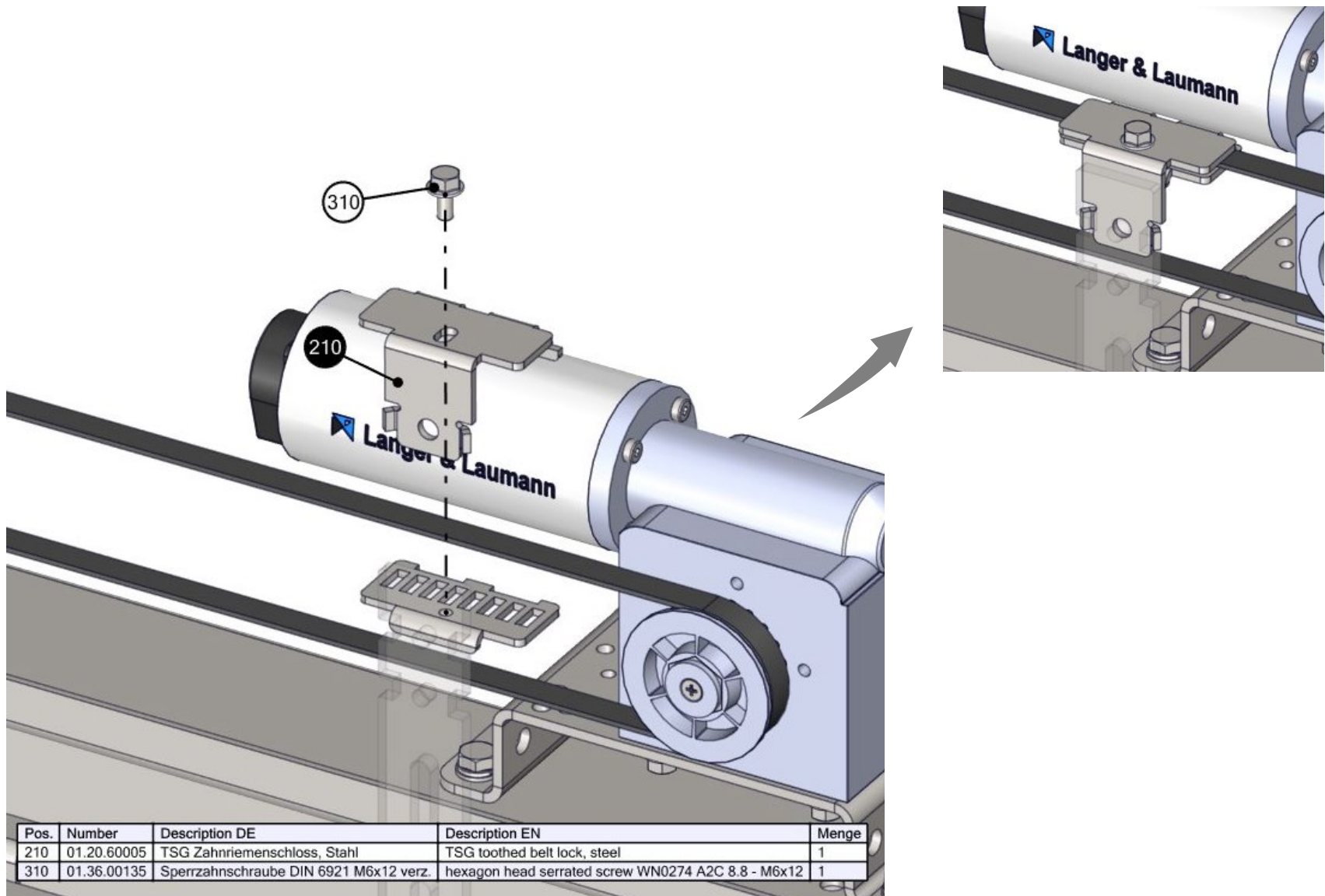


Pos.	Number	Description DE	Description EN	Menge
310	01.36.00176	Sechskantschraube ISO 4017 - M8x25 - 8.8, vz	hexagonal bolt, thread up to head DIN933 vz 8.8 - M8x25	4
320	01.36.00430	Sechskantmutter ISO 4032 - M8 - 8, vz	hexagon nut DIN934-8 vz 8.8 - M8	4
330	01.36.00440	Scheibe ISO 7091-M8 (Ø9)-100HV (DIN126),vz	washer DIN125A vz - 8,4	8
340	01.36.00169	Federring DIN127 vz - M8	lock washer DIN127 vz - M8	8

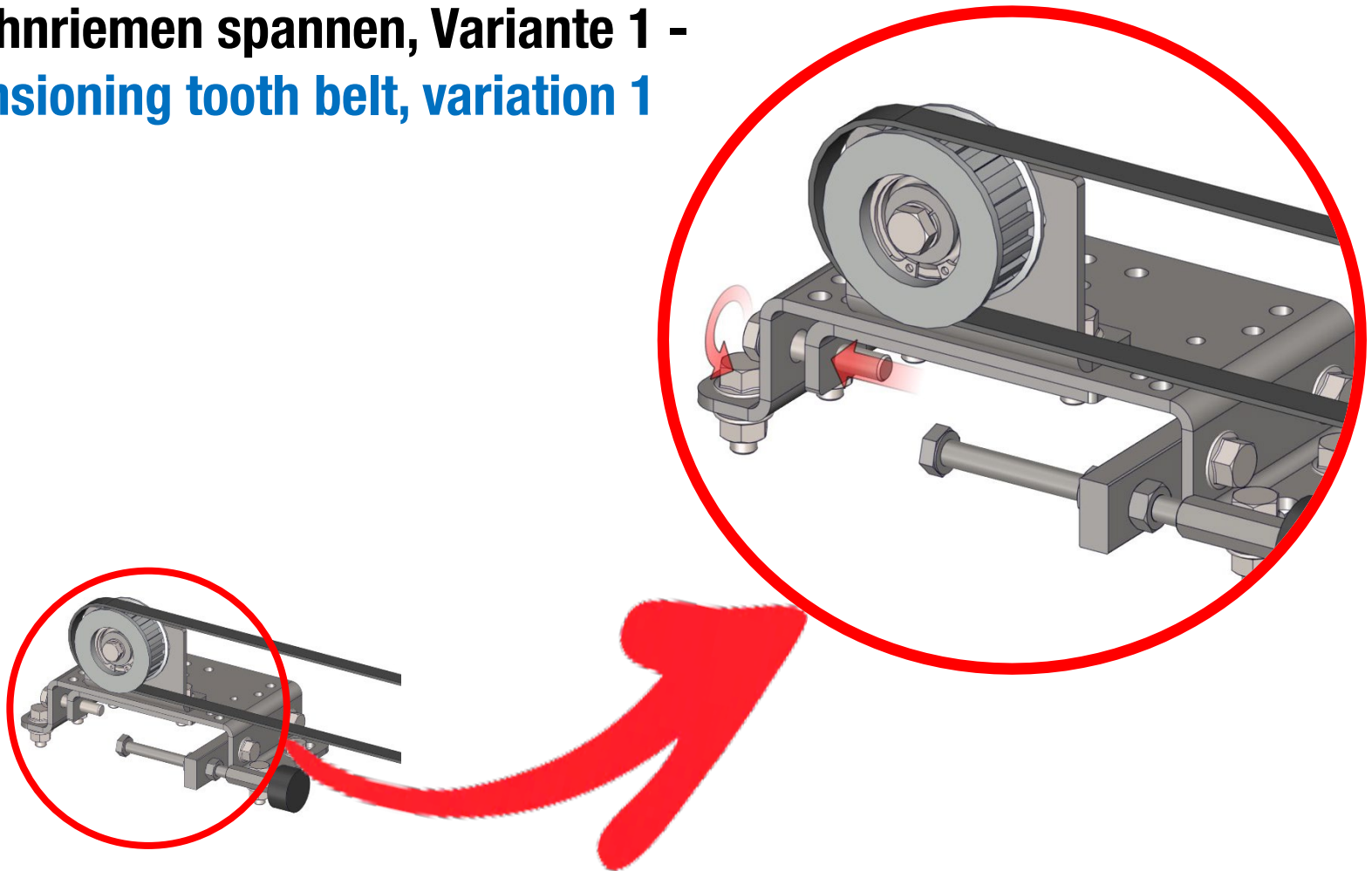
Montage Zahnriemen – assembly of the toothed belt



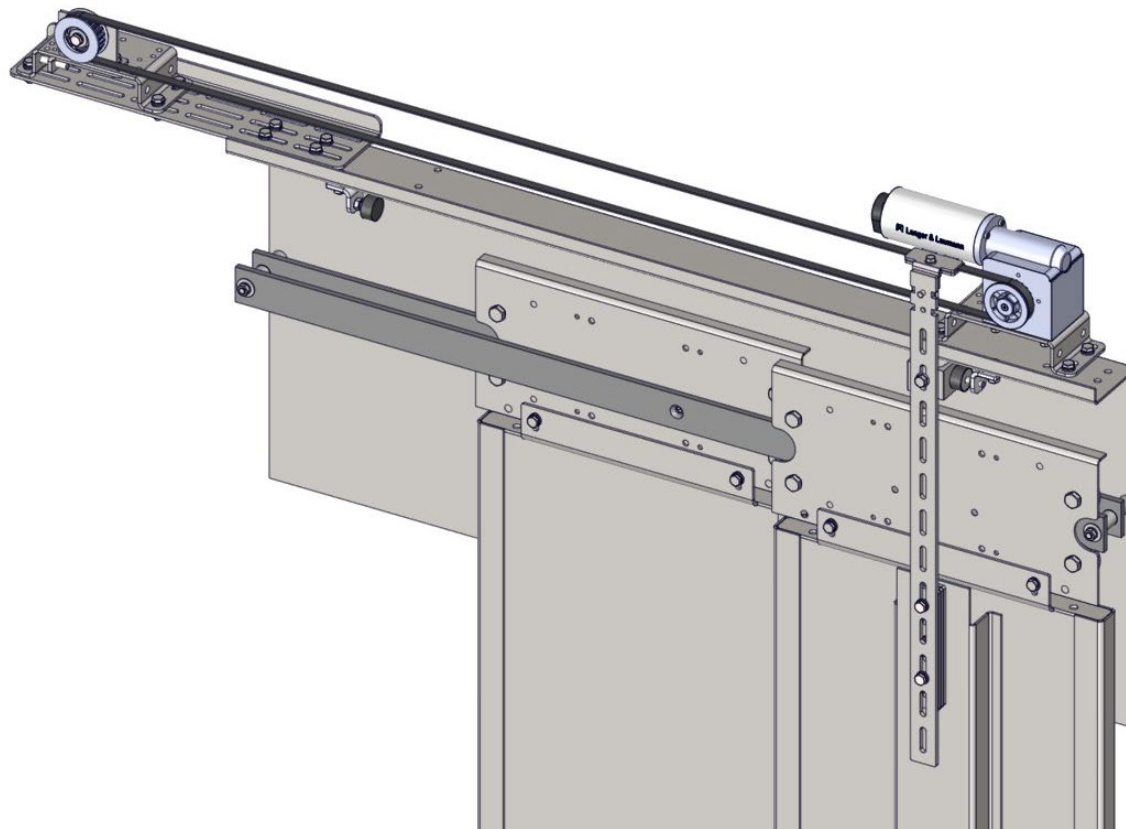


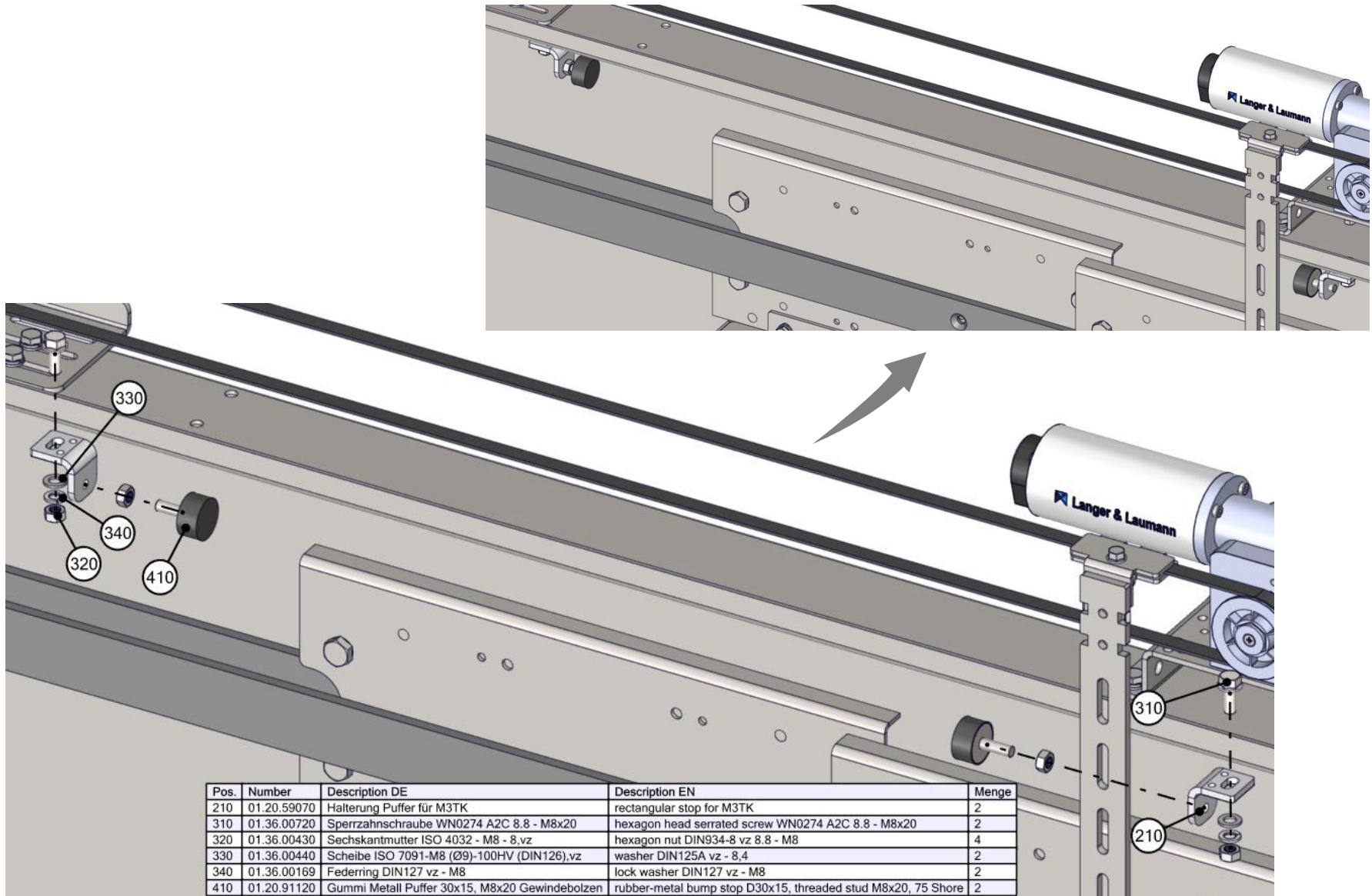


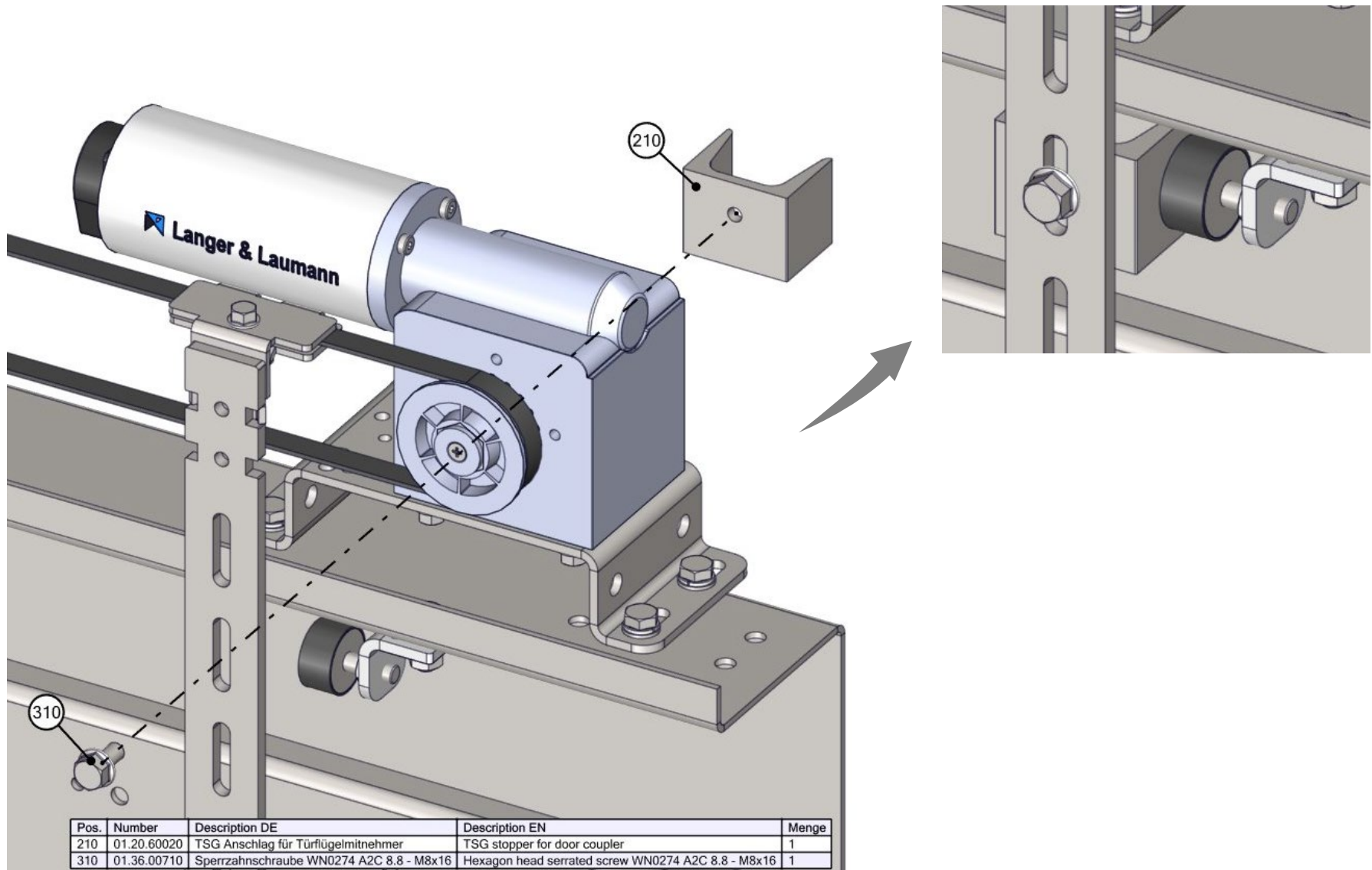
Zahnriemen spannen, Variante 1 - tensioning tooth belt, variation 1

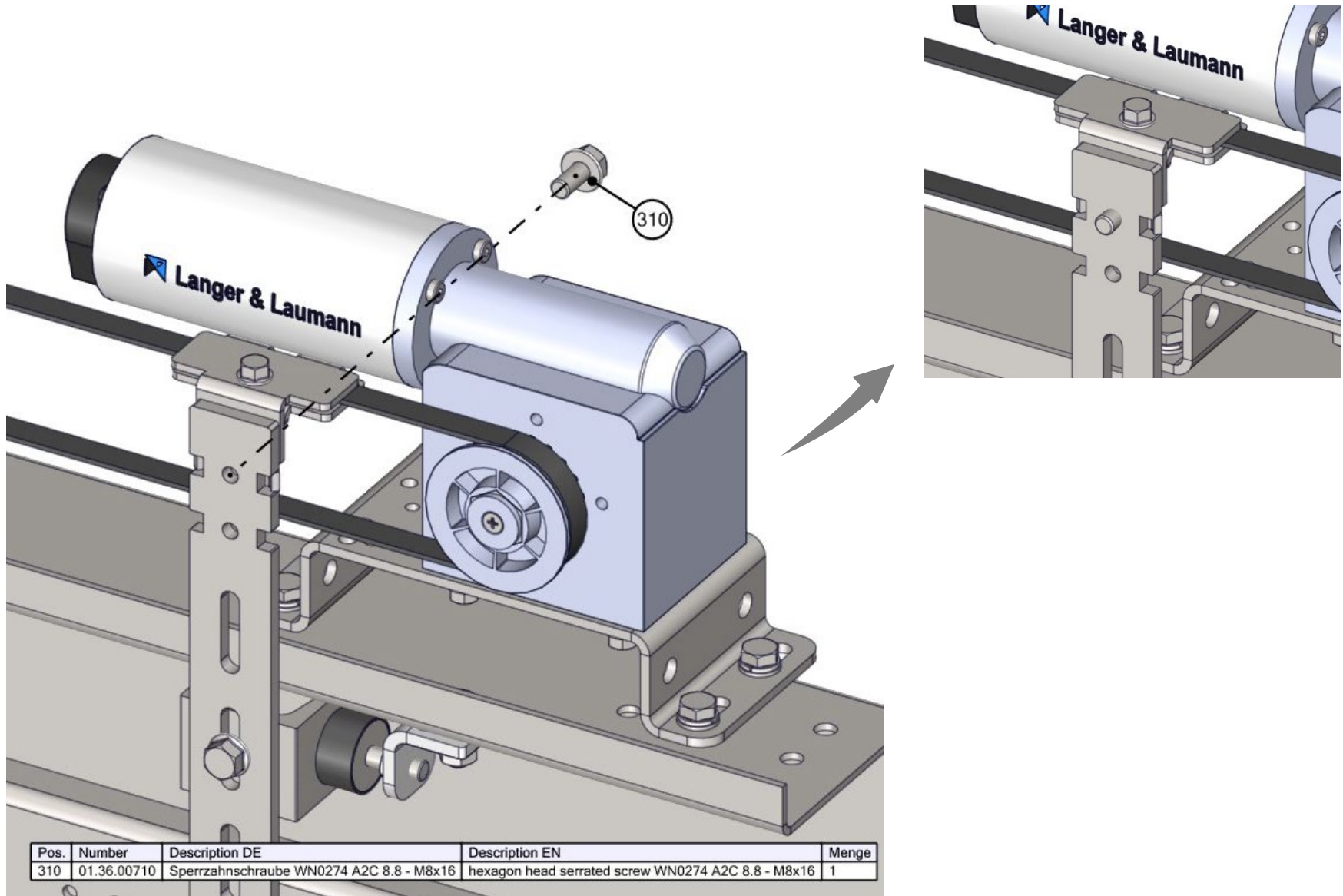


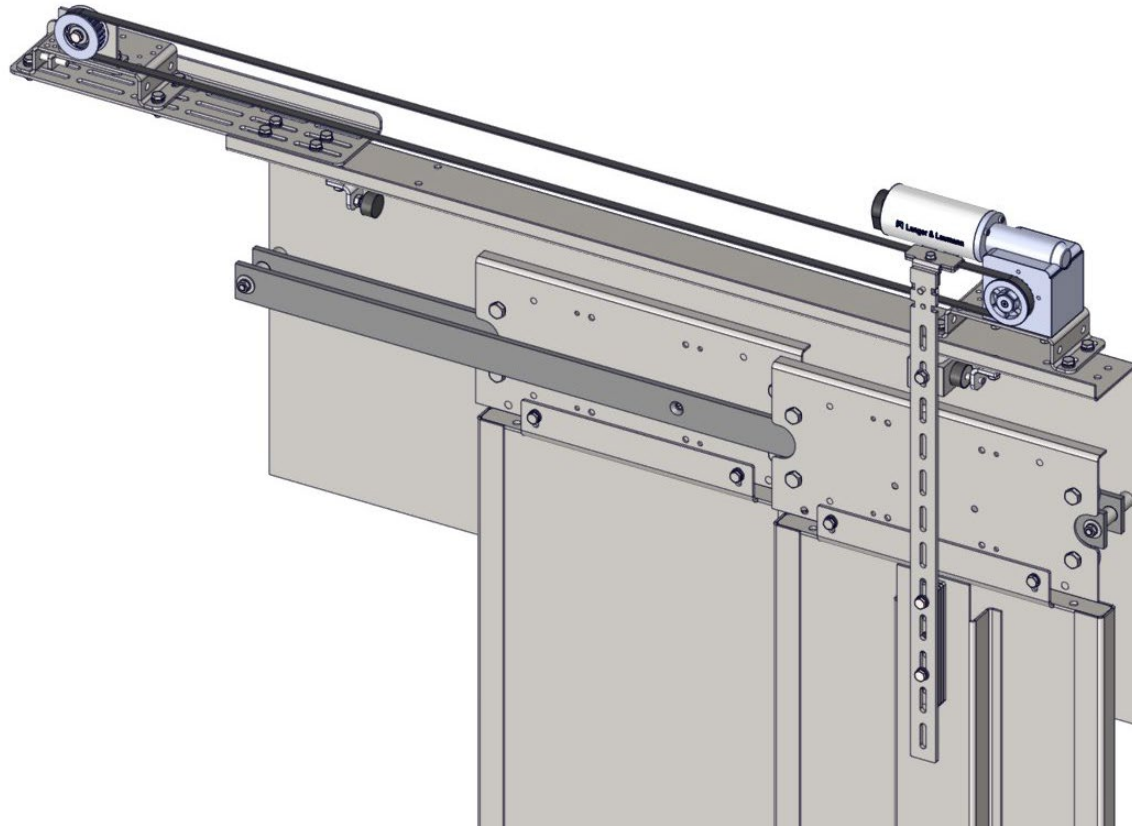
Montage Anschlagpuffer – assembly of the bump stops

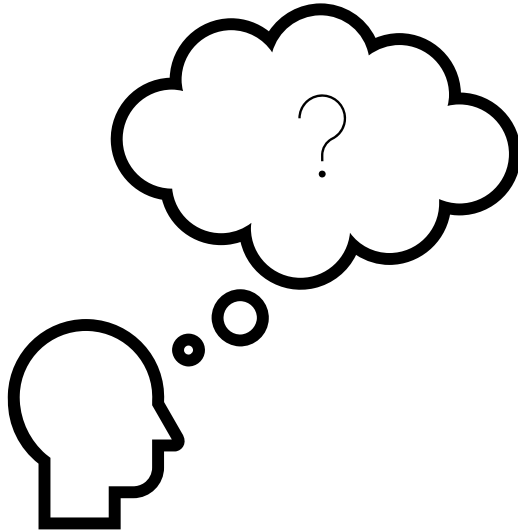












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