



GILDEMEISTER

GM35-6 AC Hirt



GILDEMEISTER

Wickman



MORI-SAY

INDEX



“La scelta ideale per il vostro plurimandrino”

L'azienda viene fondata nel 1972 come “Turlo&Delvecchio Srl” in Borgosesia (VC) e nel giro di pochi anni si specializza nella produzione di apparecchiature e di pezzi di ricambio per torni automatici. Dopo essersi trasferita nella sua attuale sede, nel 2019 l'azienda acquisisce la società “Dienne Sas”, specializzata nella revisione e manutenzione di torni automatici, la cui opera viene proseguita dalla Dienne-Turlo Srl, nuova azienda del gruppo, sia nella sede di Varallo (VC), sia nella nuova sede di Filago (BG).

Oggi, rappresentiamo la miglior scelta per il supporto tecnico ai plurimandrini delle migliori marche mondiali: Gildemeister, Tornos, Wickman, Schutte, etc. La gamma di prodotti e servizi che siamo in grado di offrire è tra le più ampie del mercato: fornitura di ricambi standard o personalizzabili, apparecchiature per le lavorazioni meccaniche, pinze, camme, interventi di manutenzione on site e diversi livelli di revisione macchina, che eseguiamo presso le nostre sedi.

The company was founded in 1972 as “Turlo&Delvecchio Srl” in Borgosesia (VC) and within a few years it specialized in the production of equipments and spare parts for automatic lathes. After having moved to its current location, in 2019 the company acquired the company “Dienne Sas”, specialized in the revision and maintenance of automatic lathes; the business of “Dienne Sas” is continued by Dienne-Turlo Srl, a new company of the group, in both the headquarters at Varallo (VC) and in the new premises in Filago (BG).

Today, we are the best choice for the technical support to multi-spindles lathes manufactured by the most famous brands in the world: Gildemeister, Tornos, Wickman, Schutte, etc. The range of products and services we can offer is among the widest in the market: supply of standard or customizable spare parts, mechanical processing equipment, collets, cams, on-site maintenance and different levels of machine overhaul, which we carry out at our premises.



“Produzione interna sinonimo di know-how, qualità e flessibilità”

La produzione interna all'azienda ci ha permesso di distinguerci dalla concorrenza a livello di sviluppo tecnologico, qualitativo e di flessibilità produttiva, offrendo soluzioni standard o personalizzate e tempi di consegna contenuti. Possiamo contare, infatti, su un fornito magazzino di materie prime, un reparto di tornitura, uno di fresatura e uno di rettifica, con un parco macchine all'avanguardia e personale altamente qualificato.

Abbiamo posto particolare attenzione sulla qualità del prodotto, garantita da continue verifiche nel corso della produzione e da un laboratorio che esegue i controlli finali su ogni singolo lotto, analizzando il rispetto delle tolleranze e la bontà dei trattamenti termici.

I nostri prodotti sono disponibili per i nostri clienti nei magazzini di Varallo Sesia (VC) e di Filago (BG).

The production inside the company has allowed us to distinguish between competition in terms of technological development, quality and production flexibility, offering standard or customized solutions and low delivery times. In fact, we can count on a well stocked warehouse of raw materials, turning, milling and grinding departments, with a cutting-edge machinery and highly qualified personnel.

We pay particular attention to the quality of the products, guaranteed by continuous checks during the production and by a laboratory that performs final checks on each individual batch, analyzing the respect of tolerances and the goodness of thermal treatments.

Our products are available for our customers in the warehouses at Varallo Sesia (VC) and at Filago (BG).



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Machine parts

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03

Apparecchiature Attachments

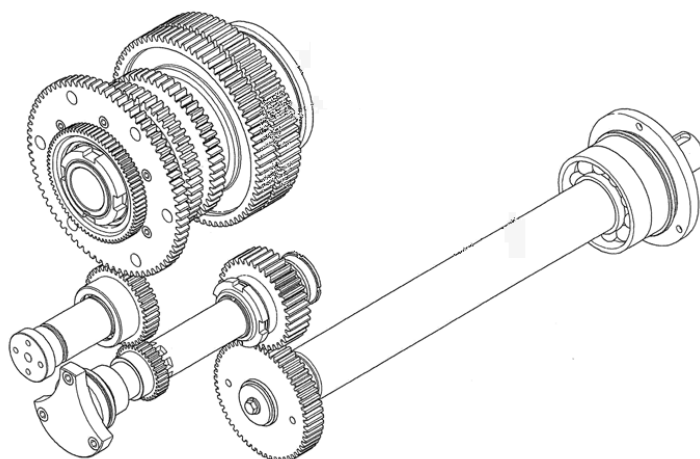
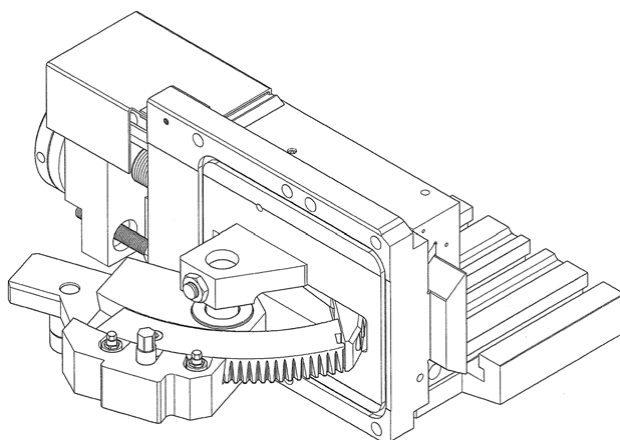
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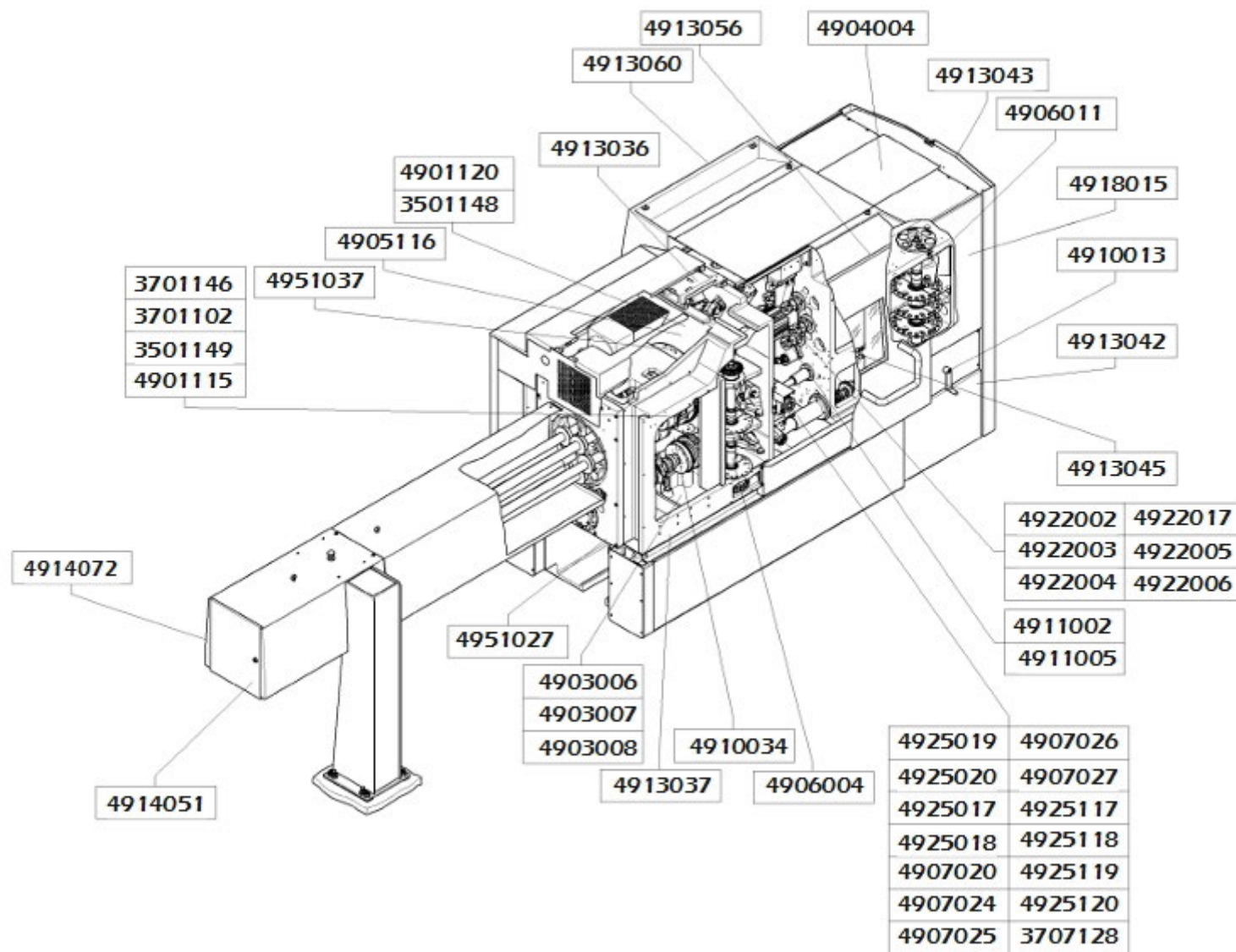
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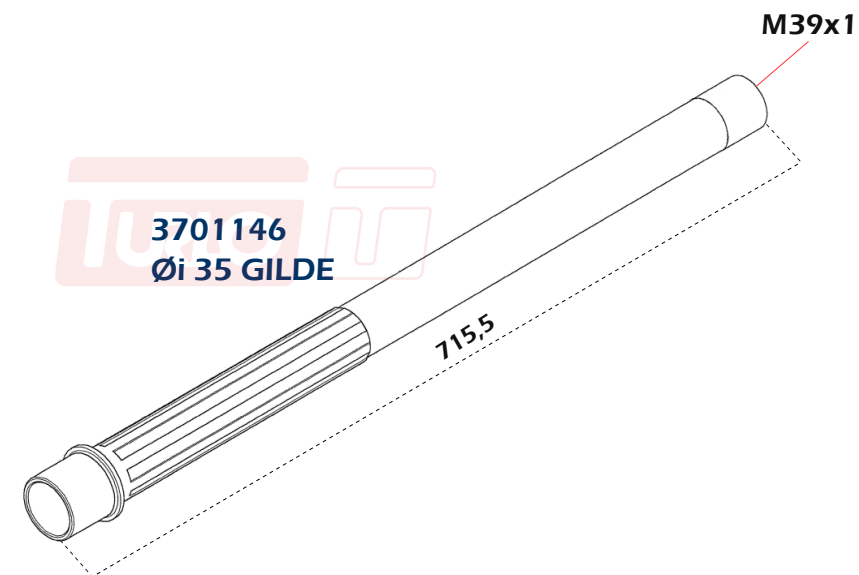
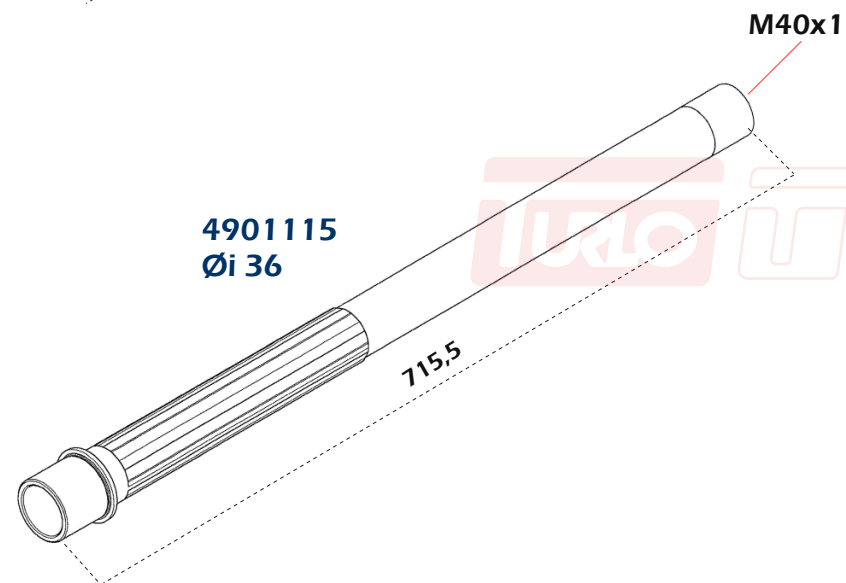
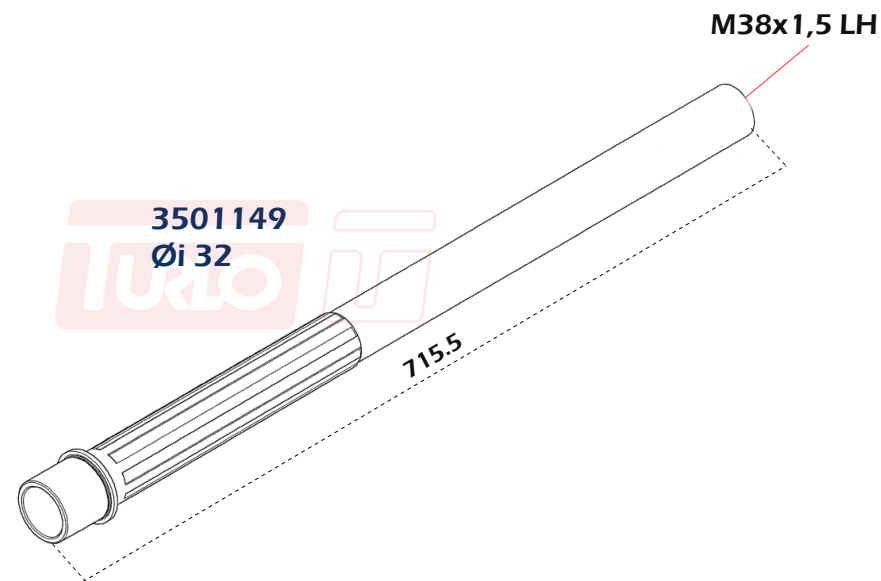
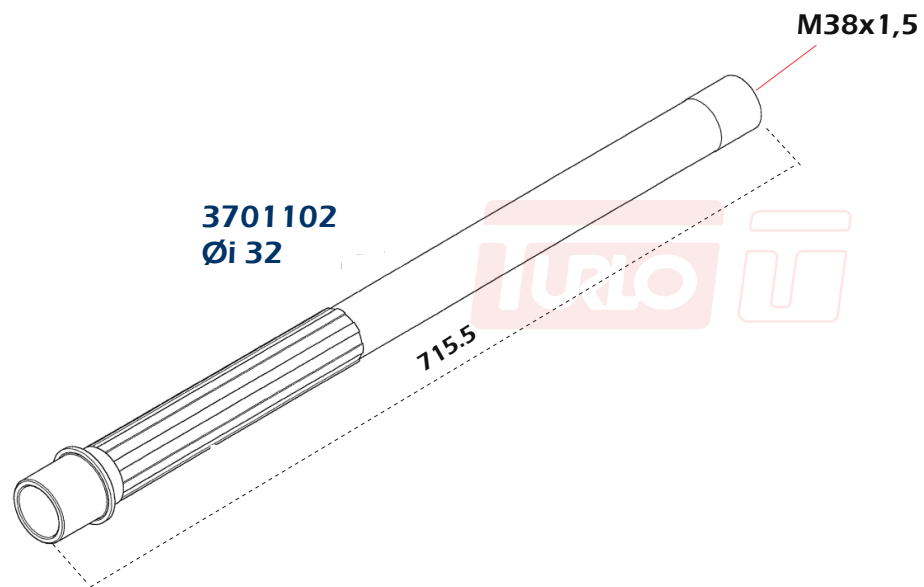


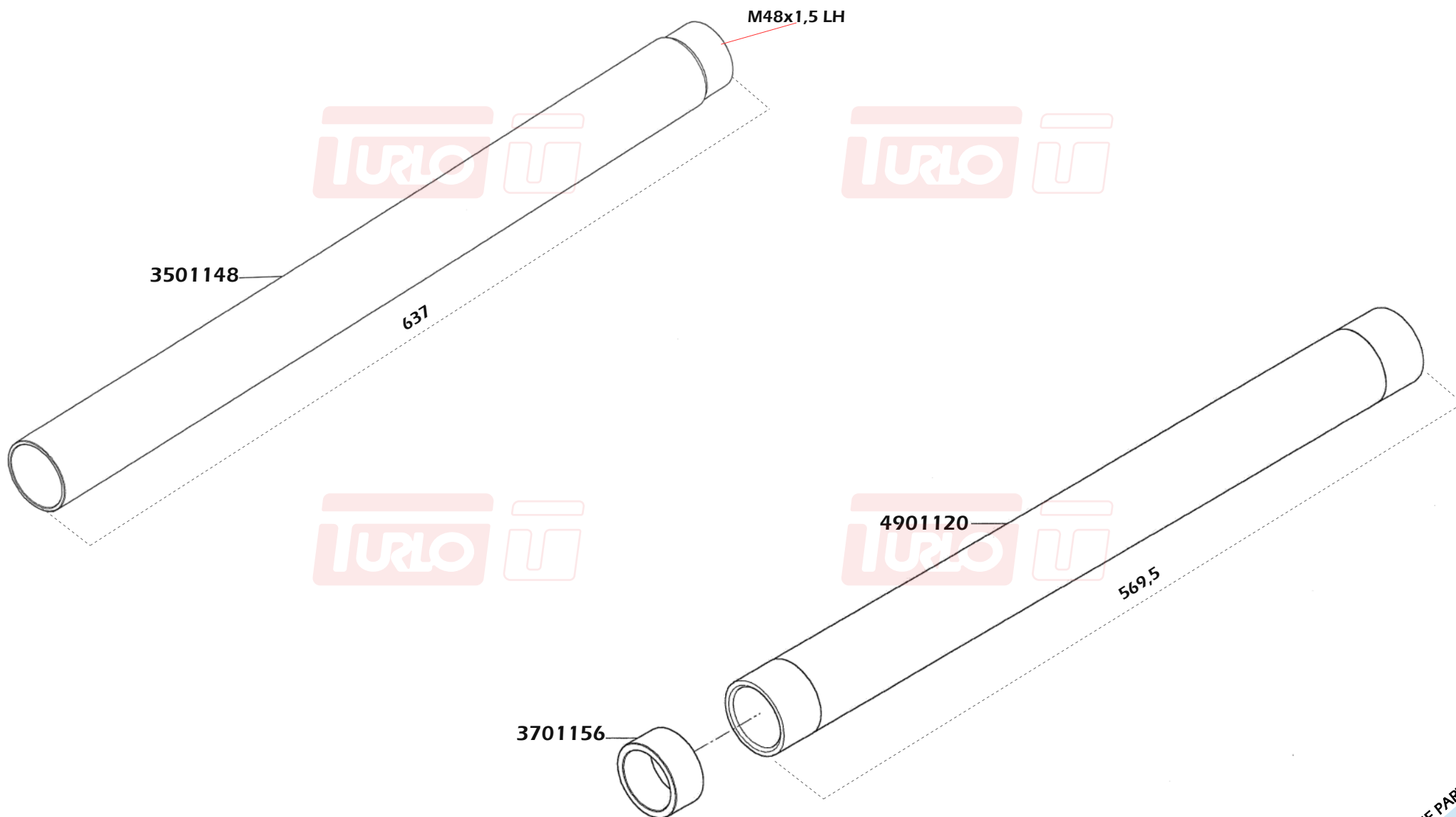
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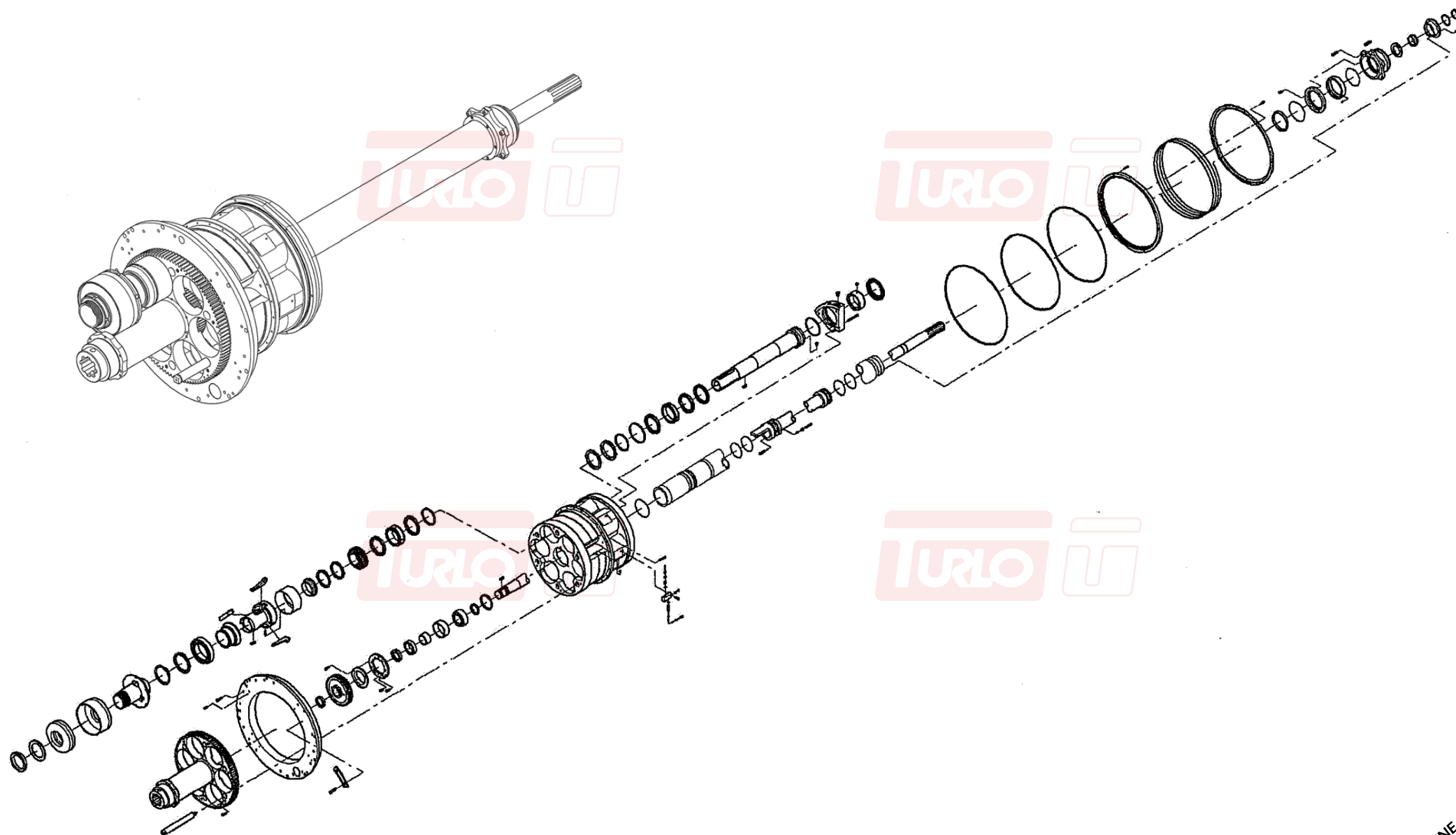
Ricambi macchina
Machine parts

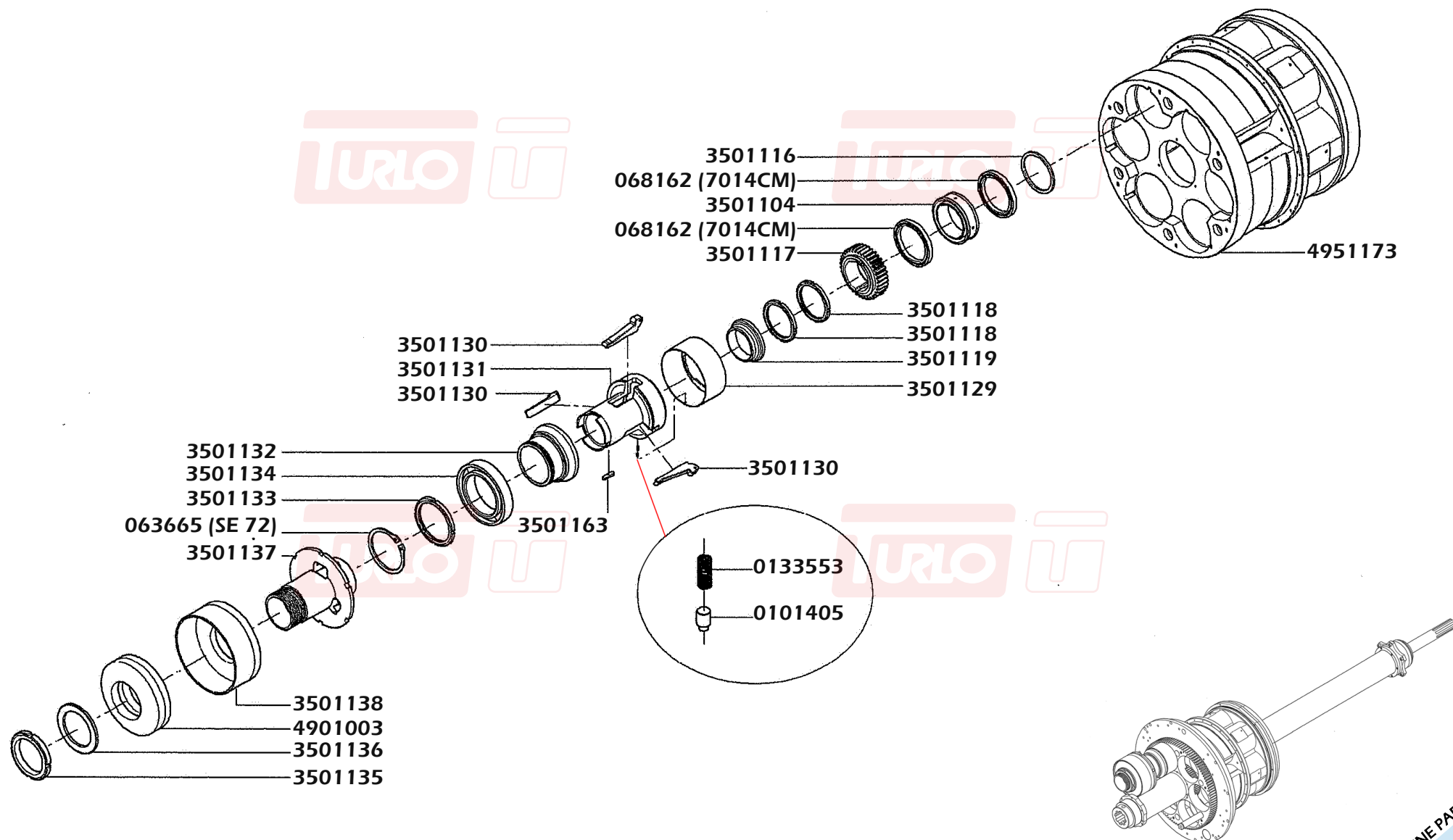


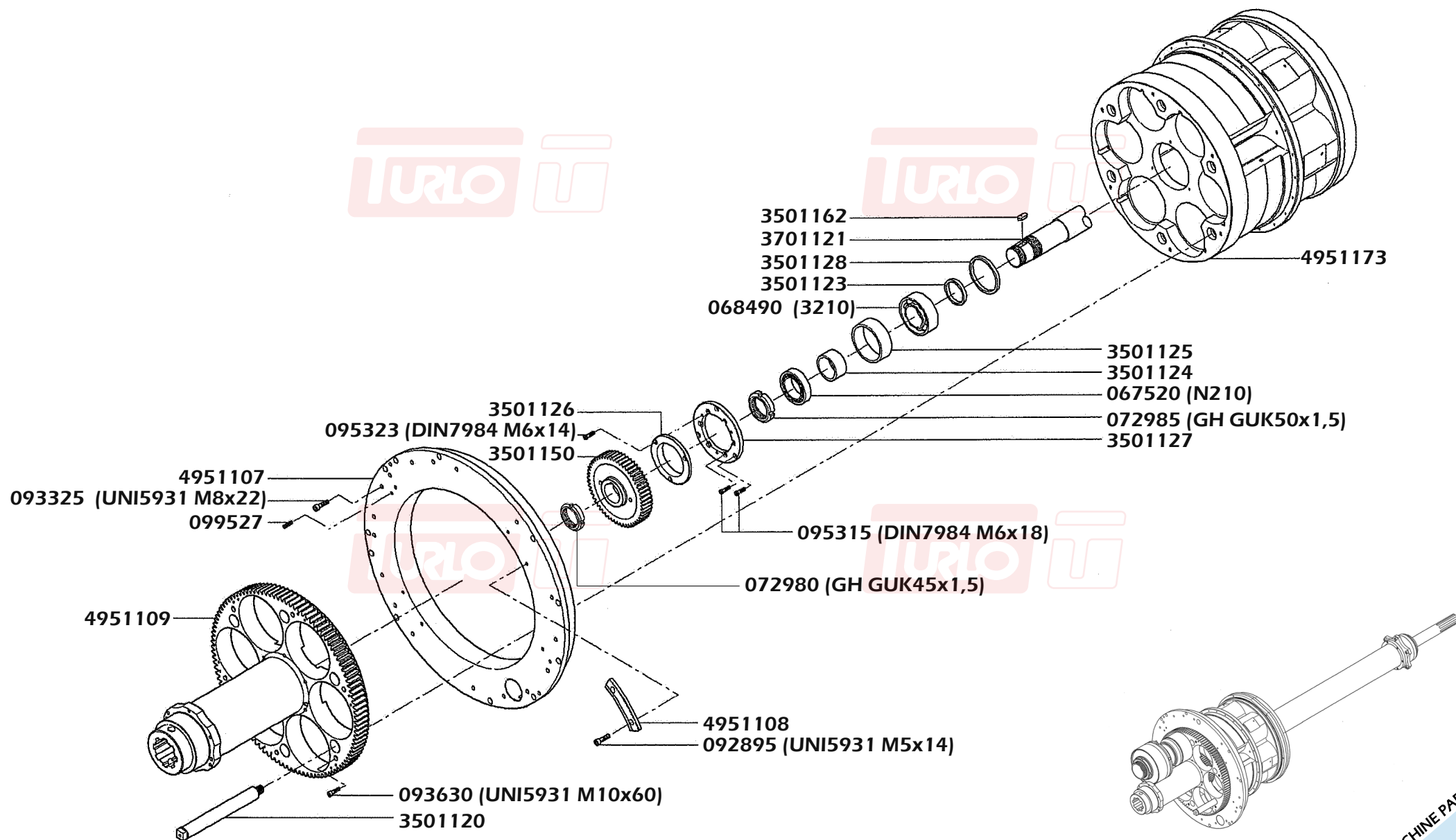


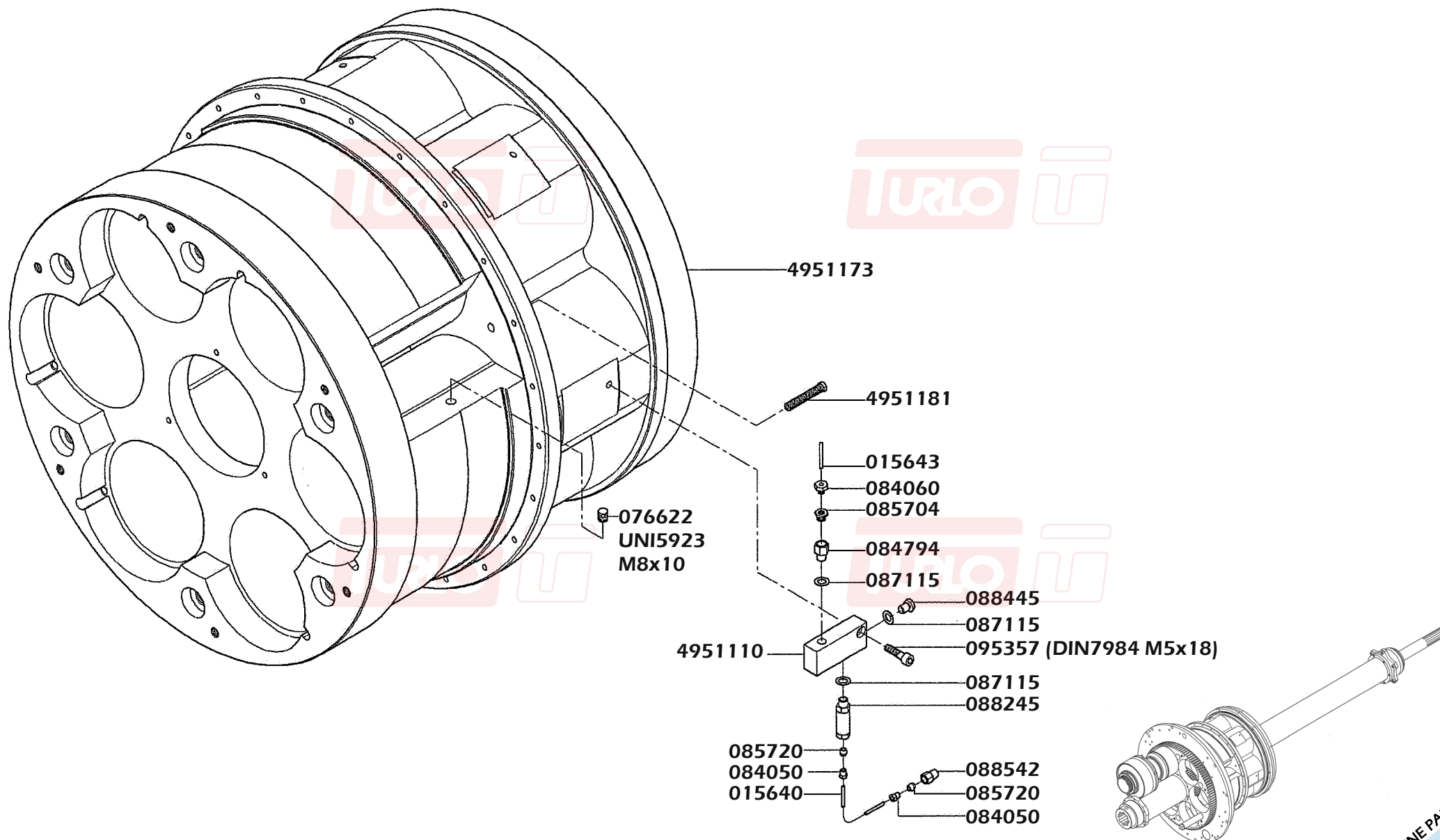


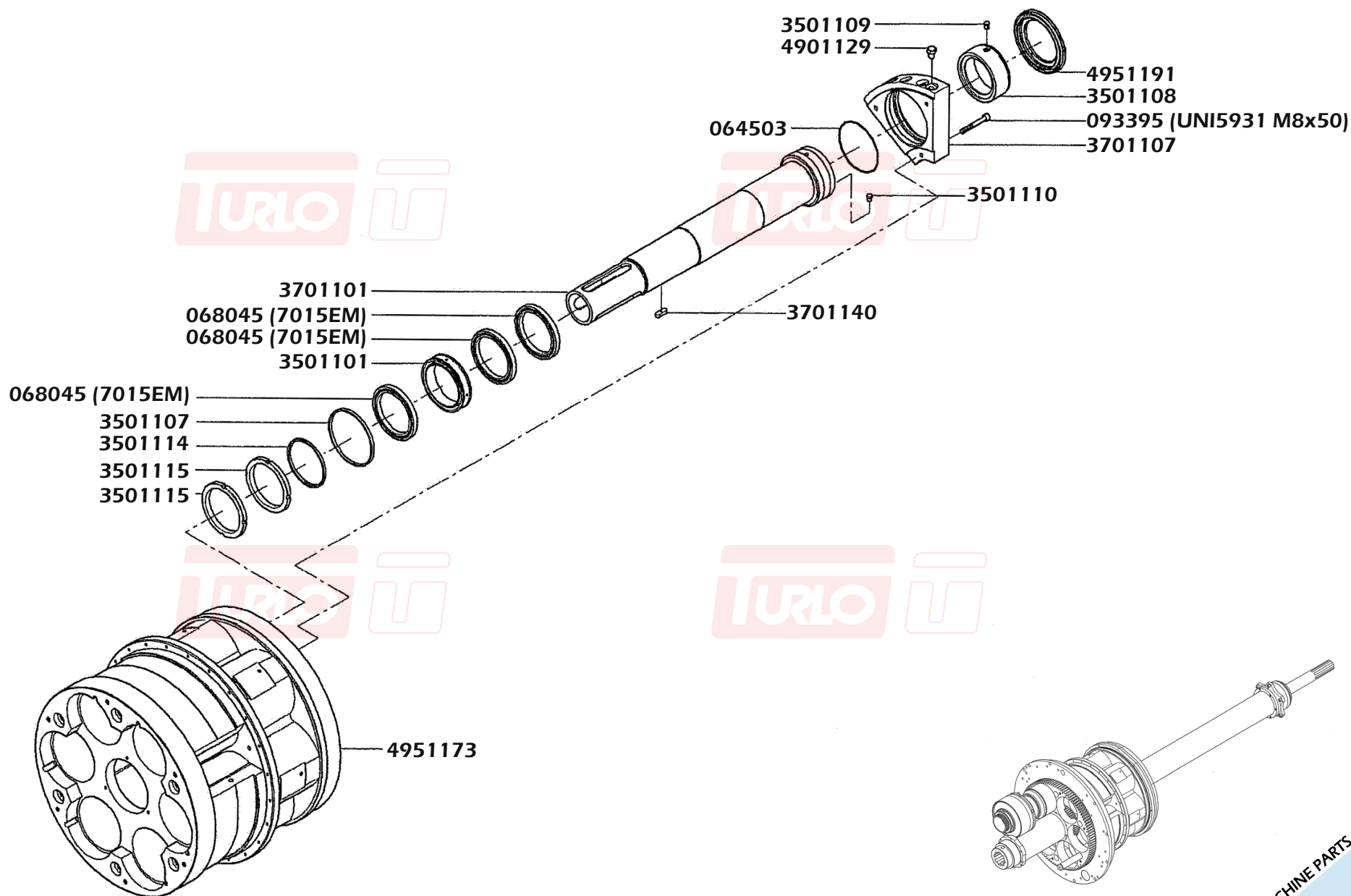


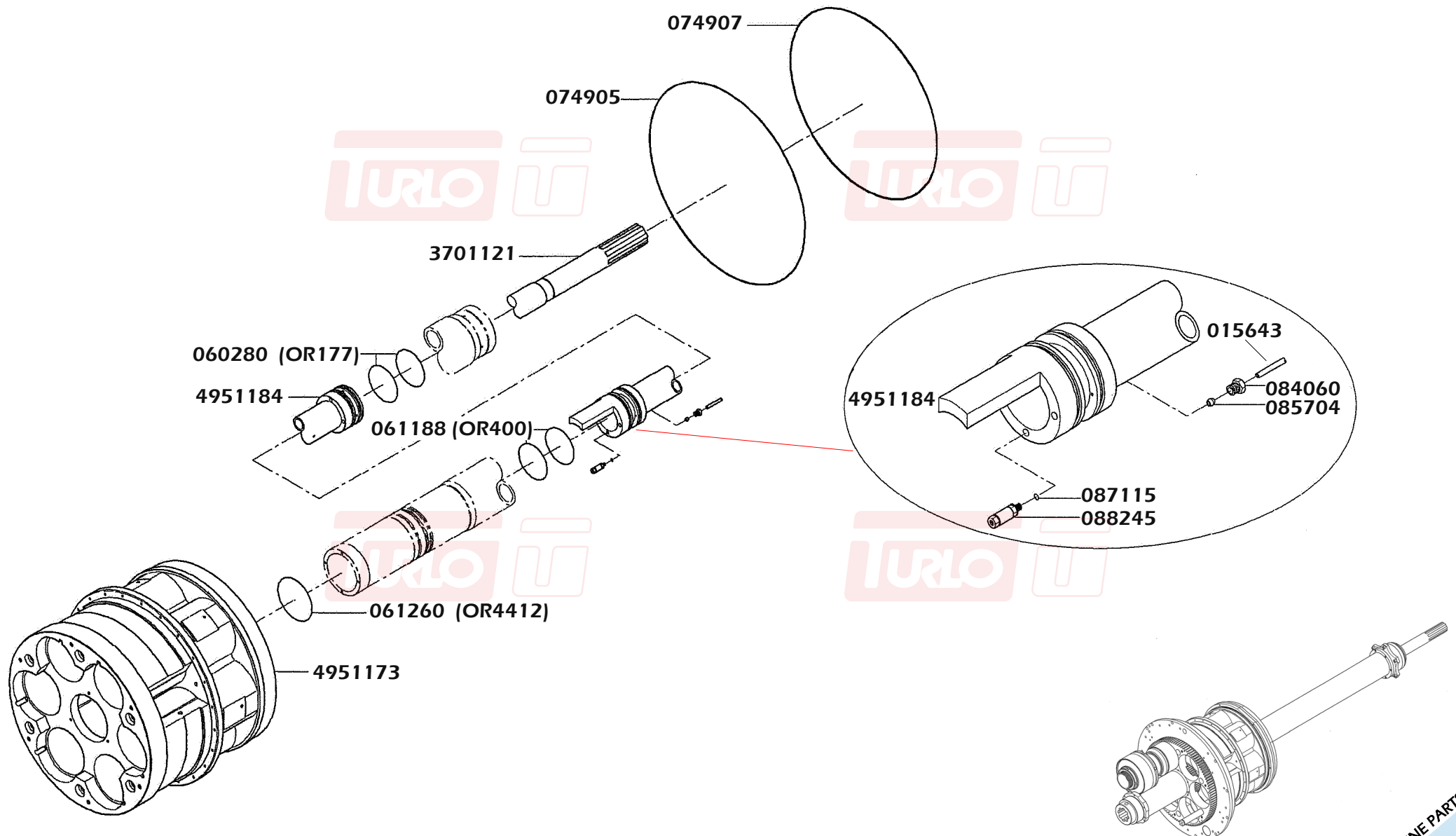


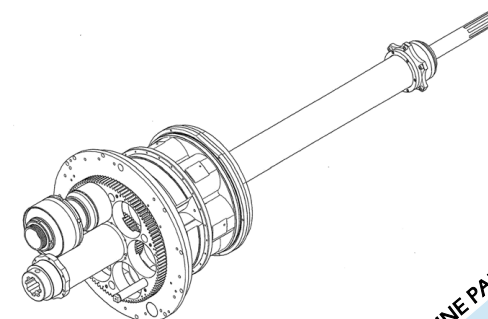
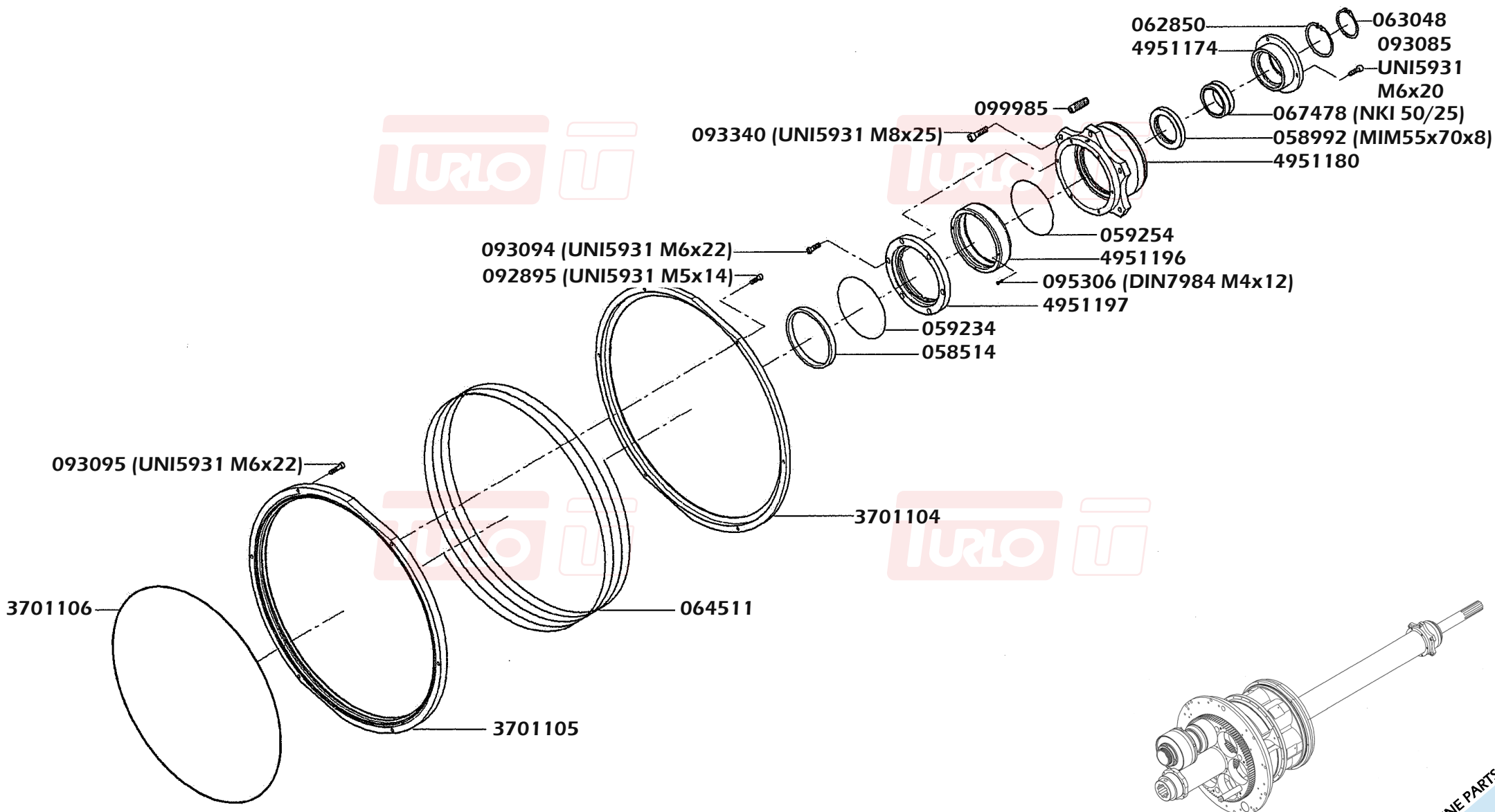


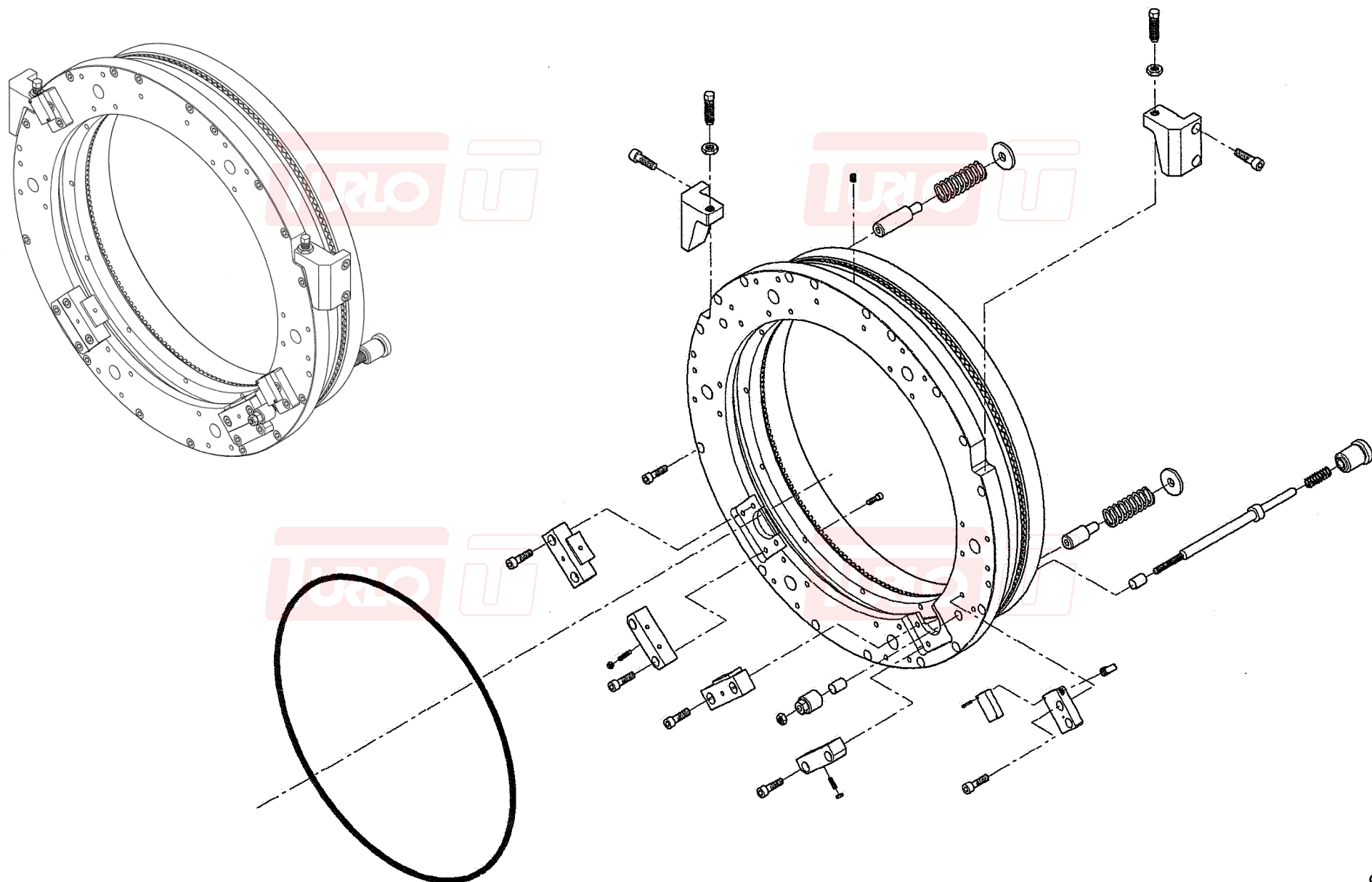


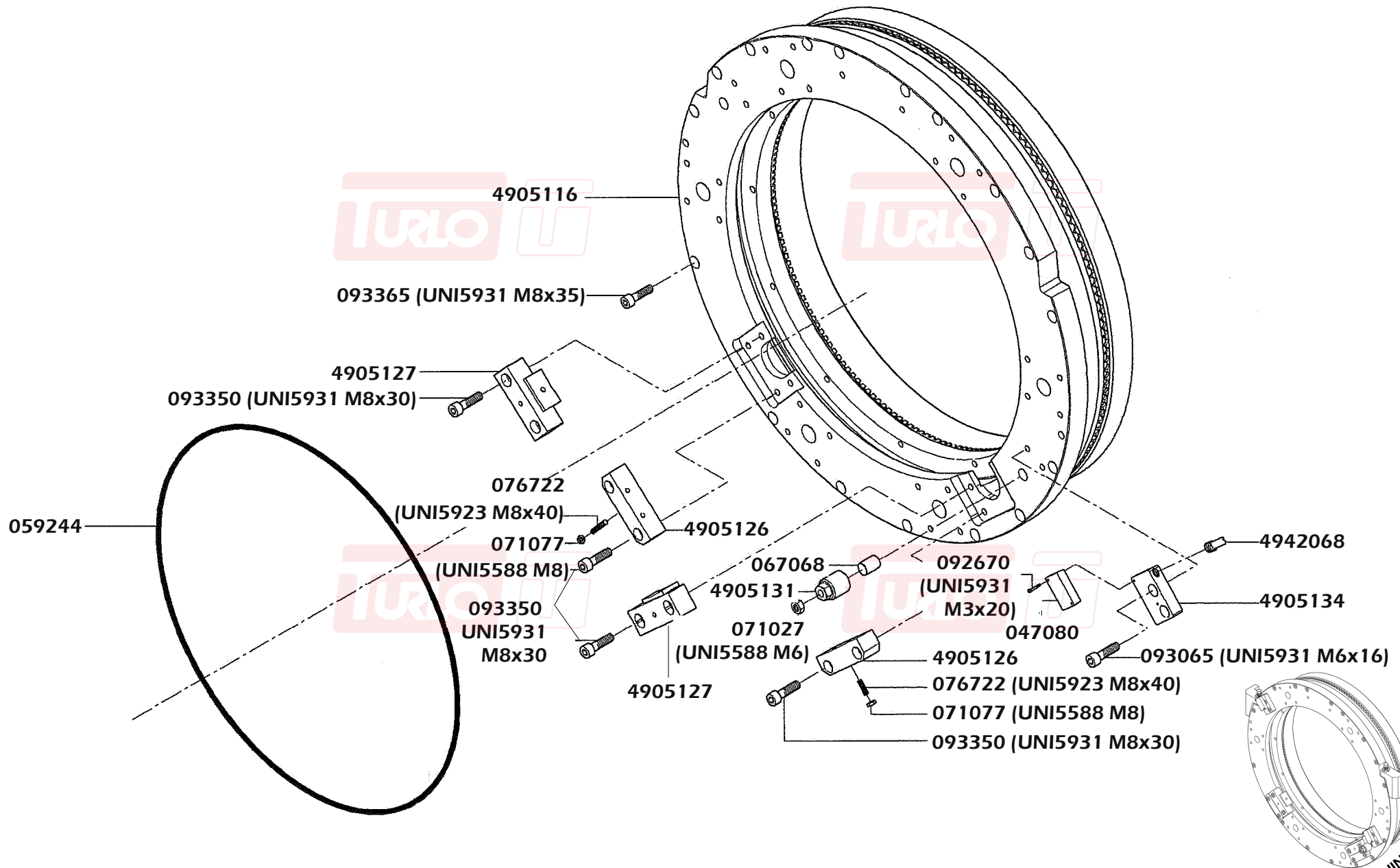


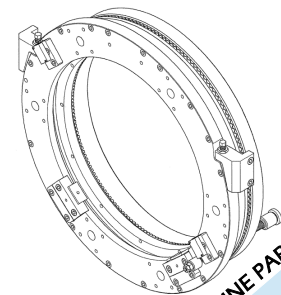
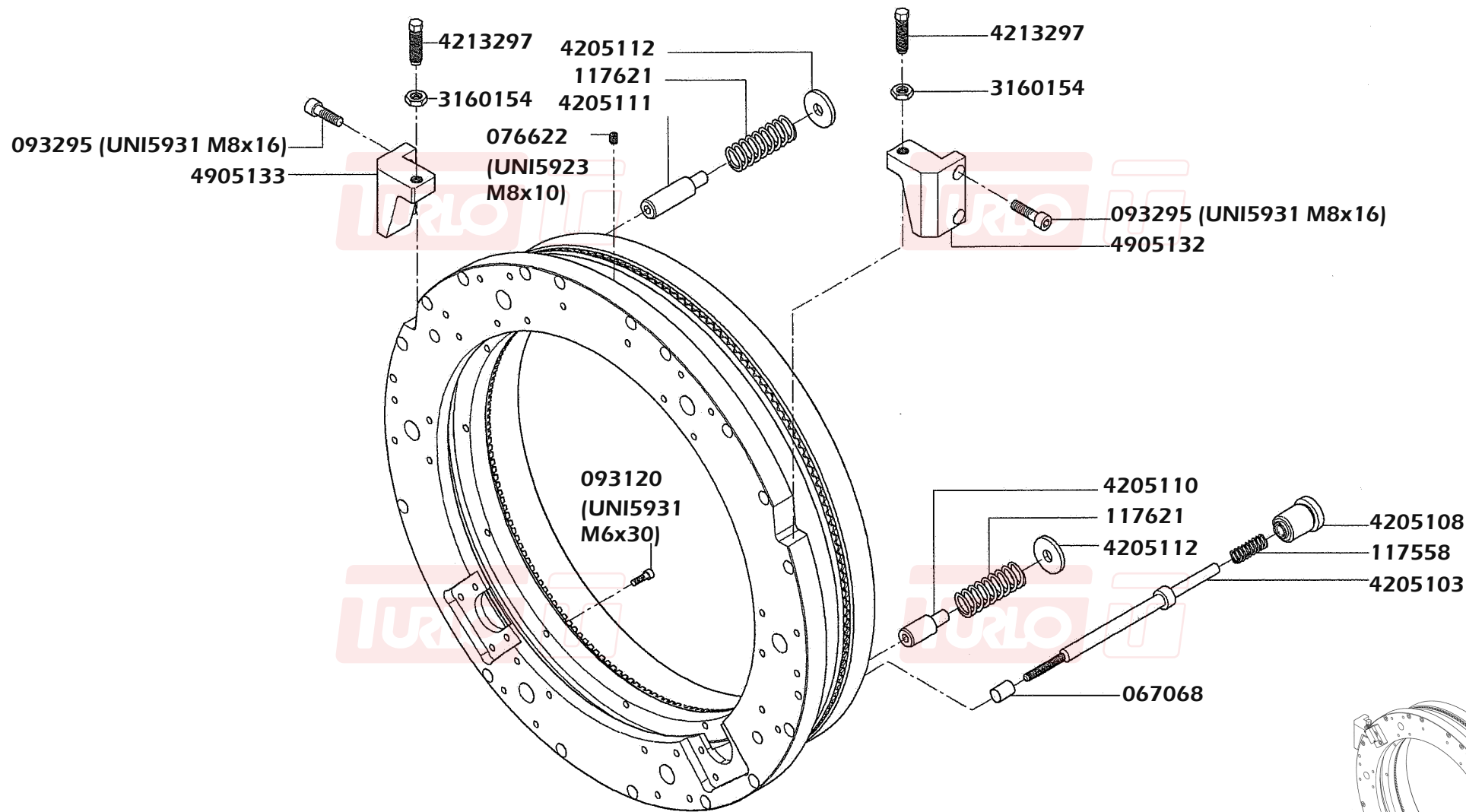


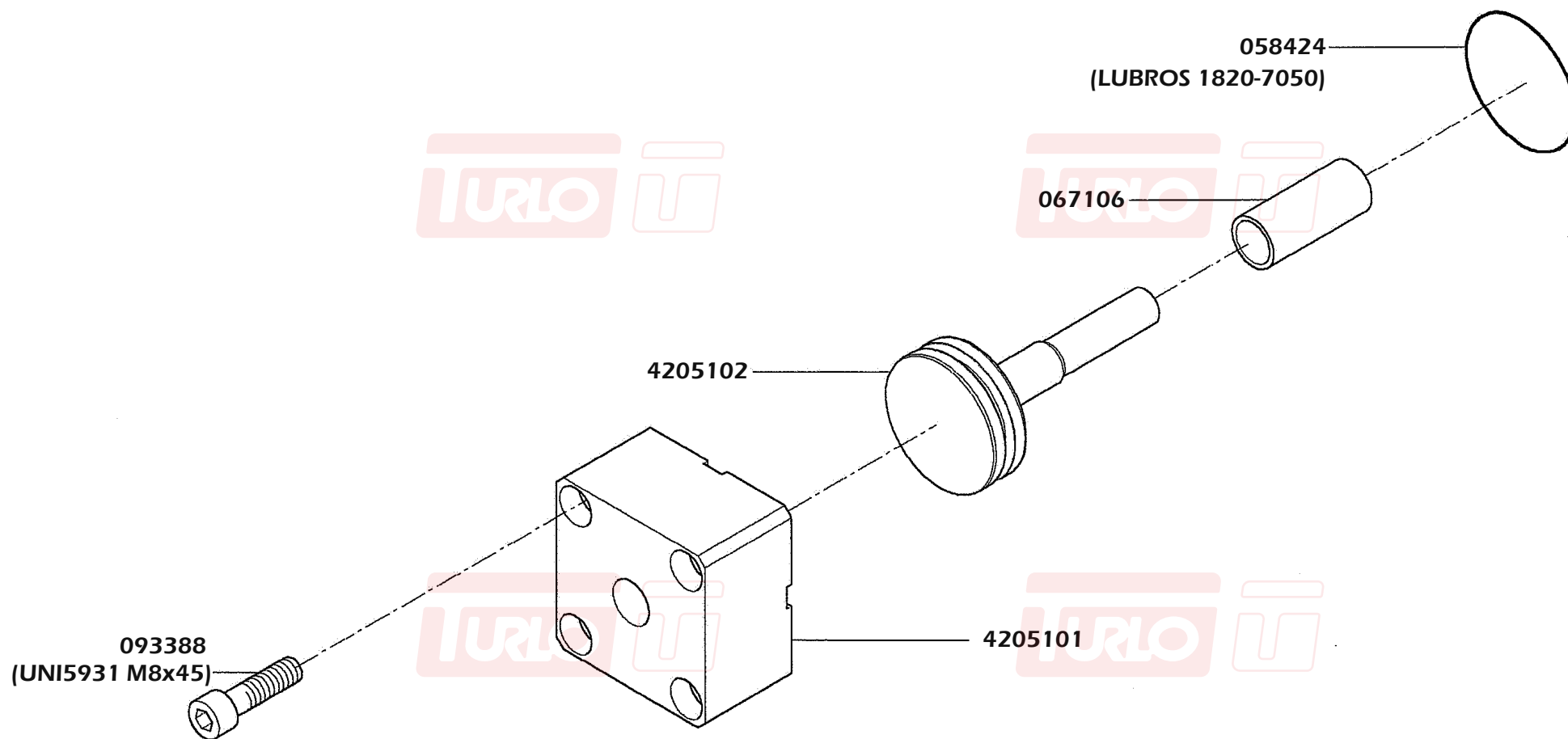


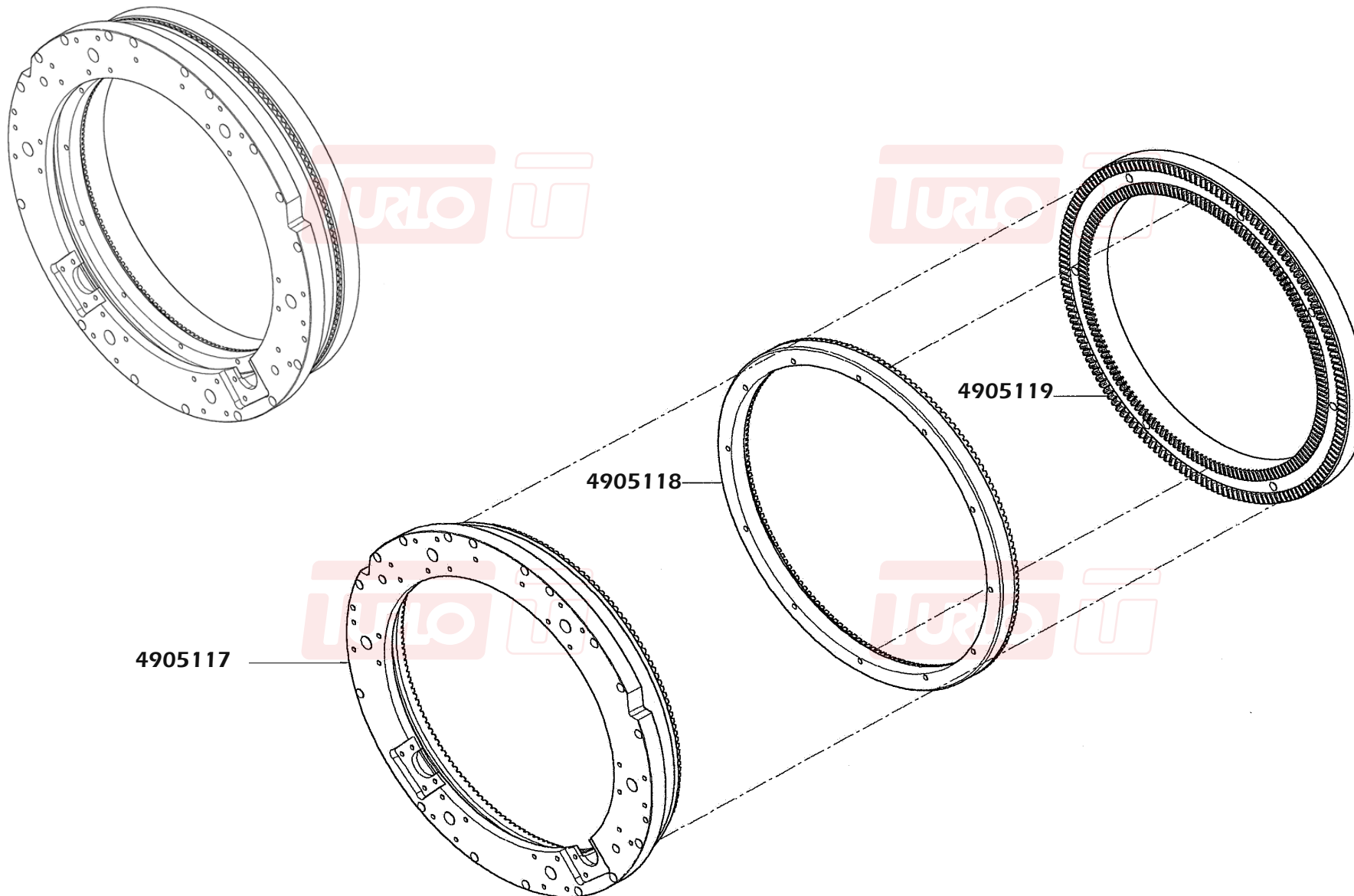


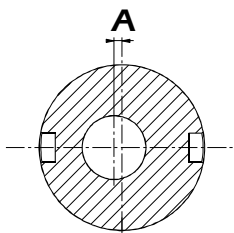




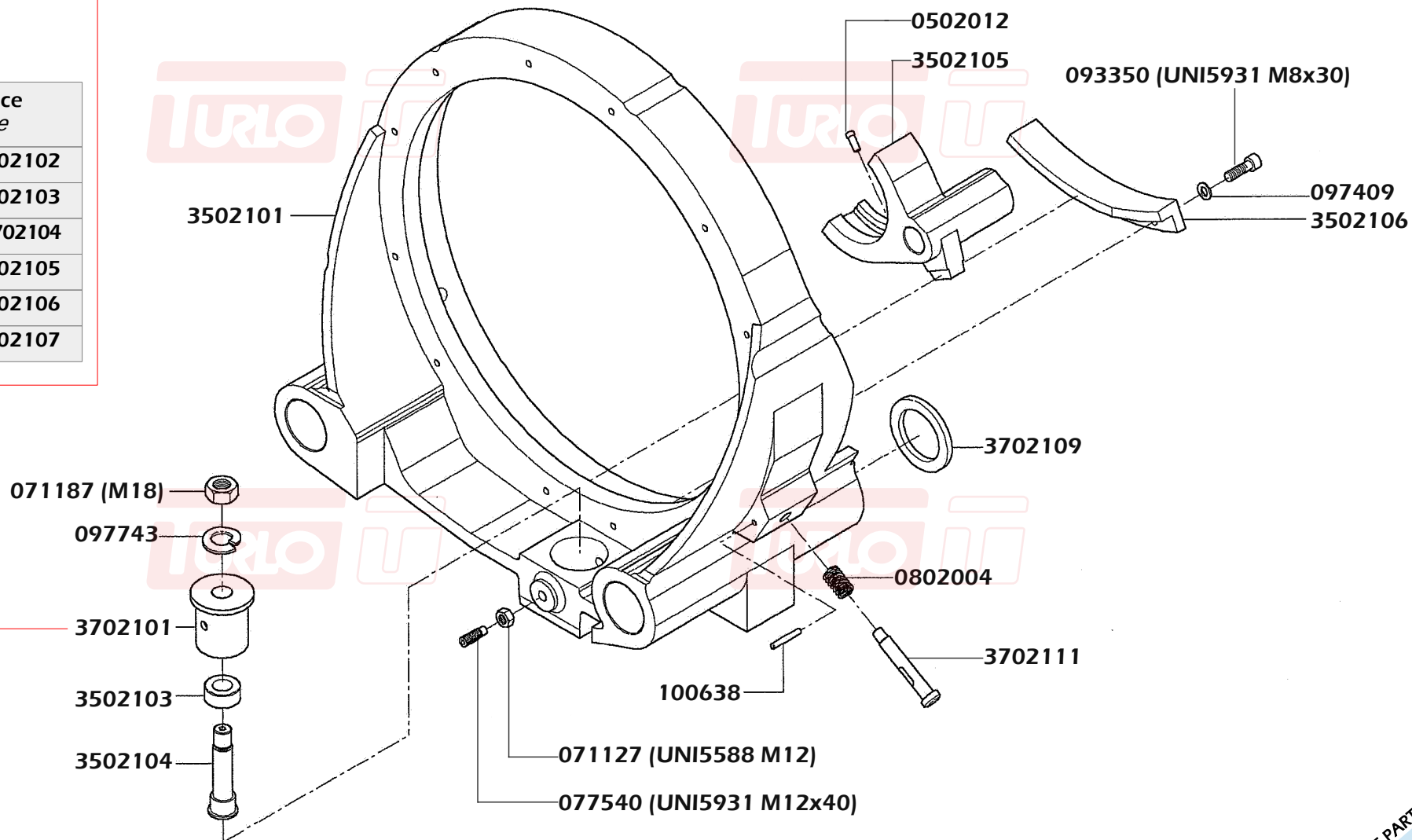


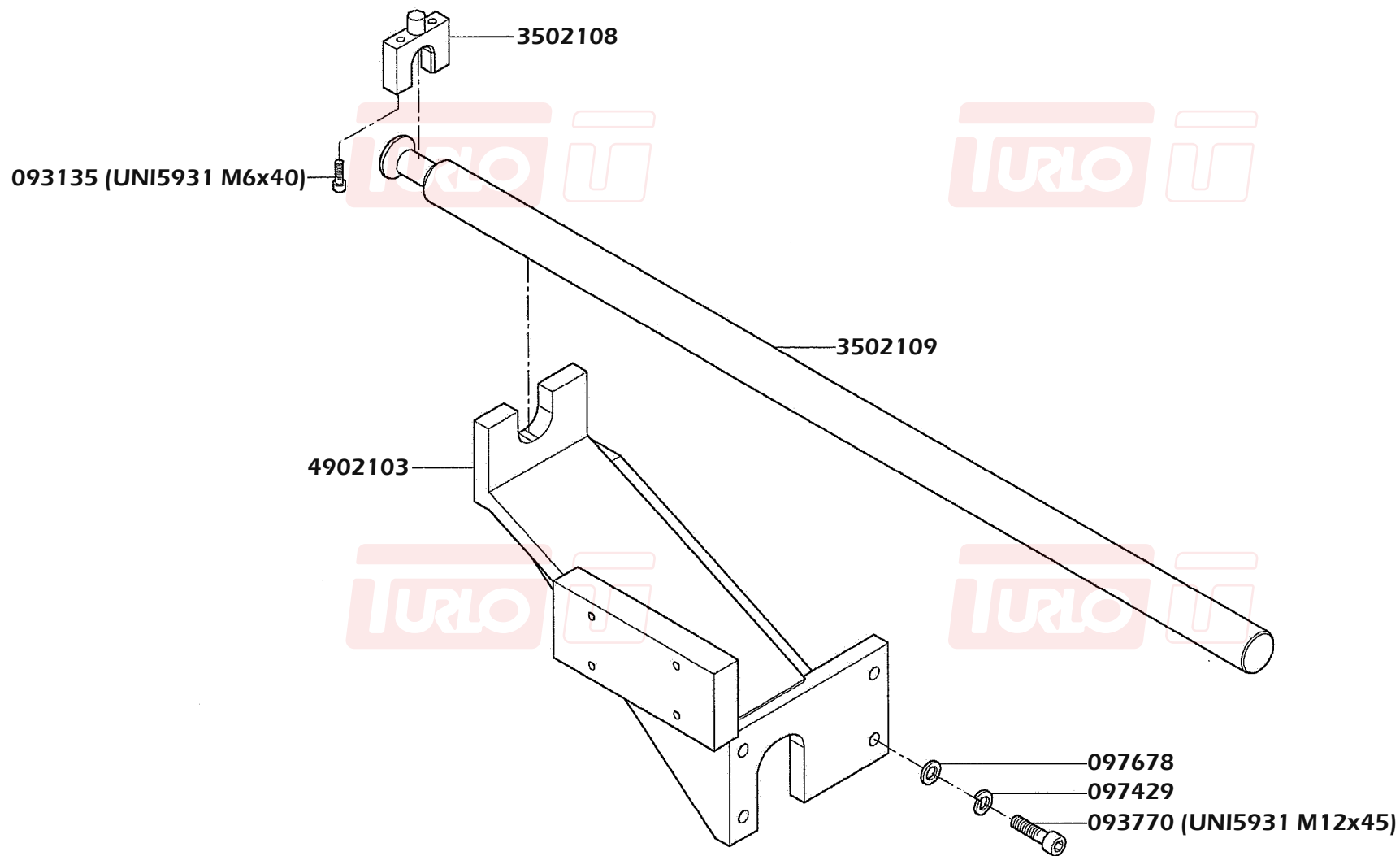


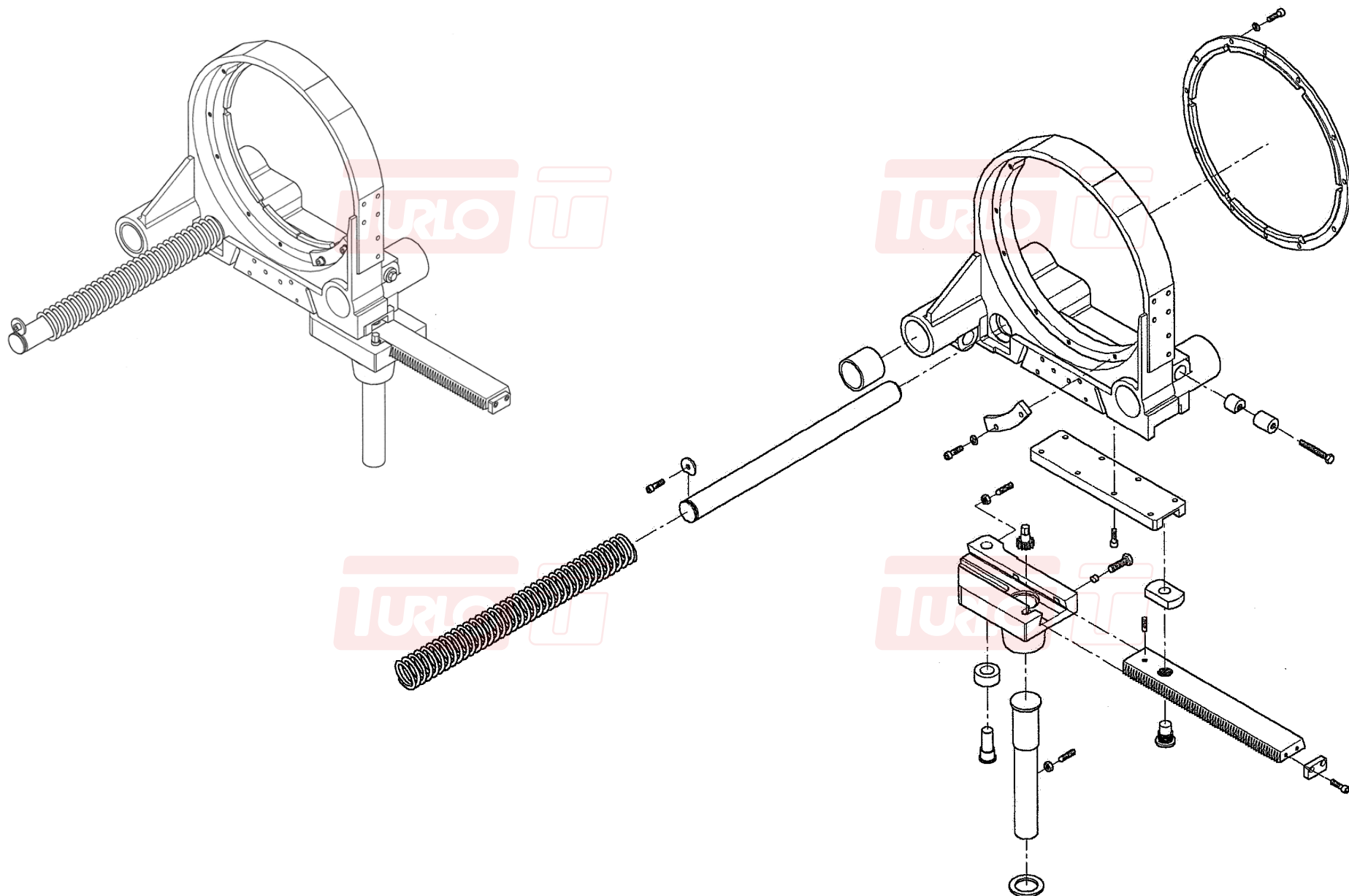


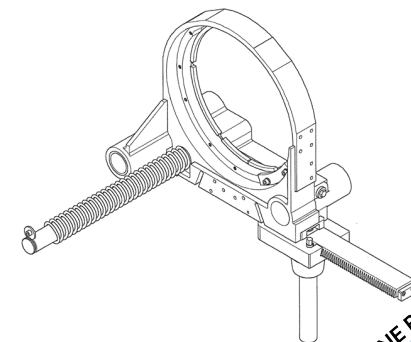
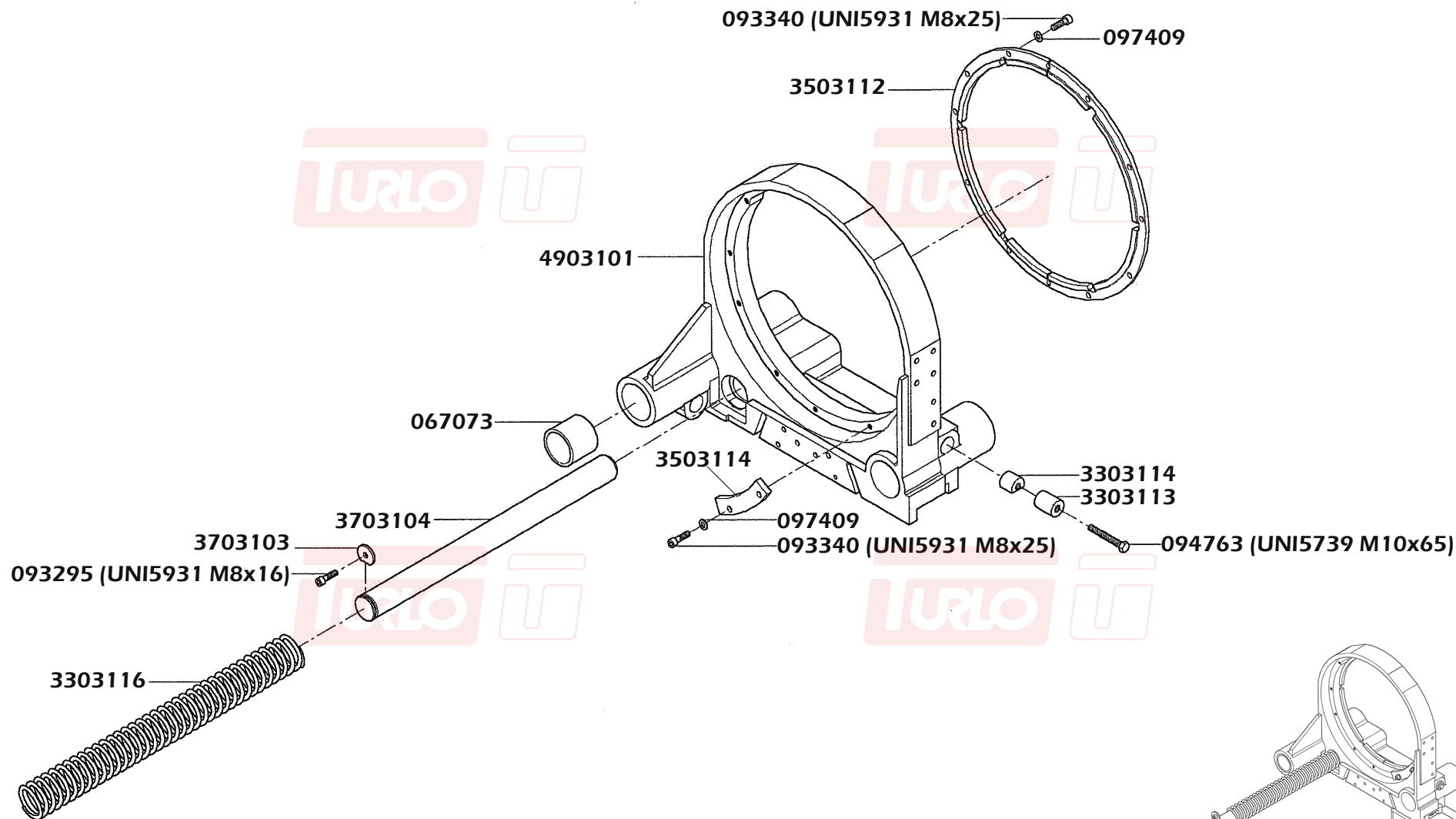


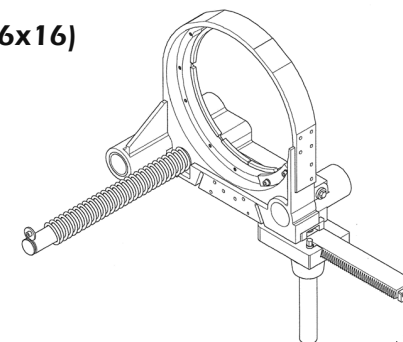
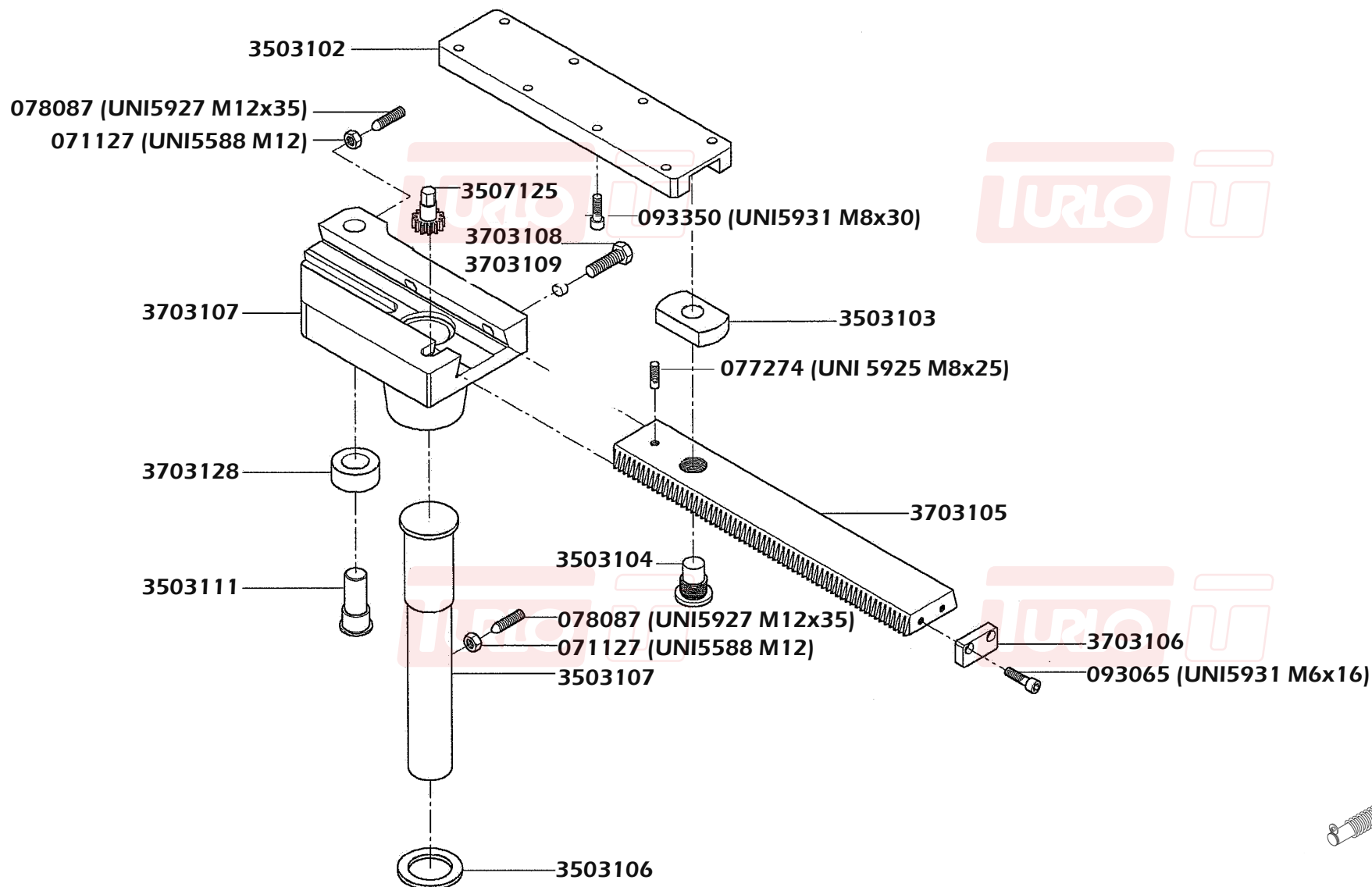
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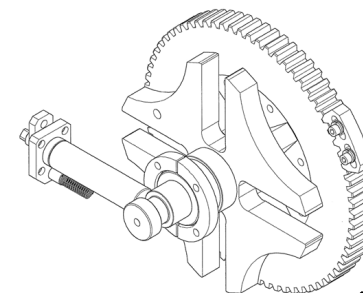
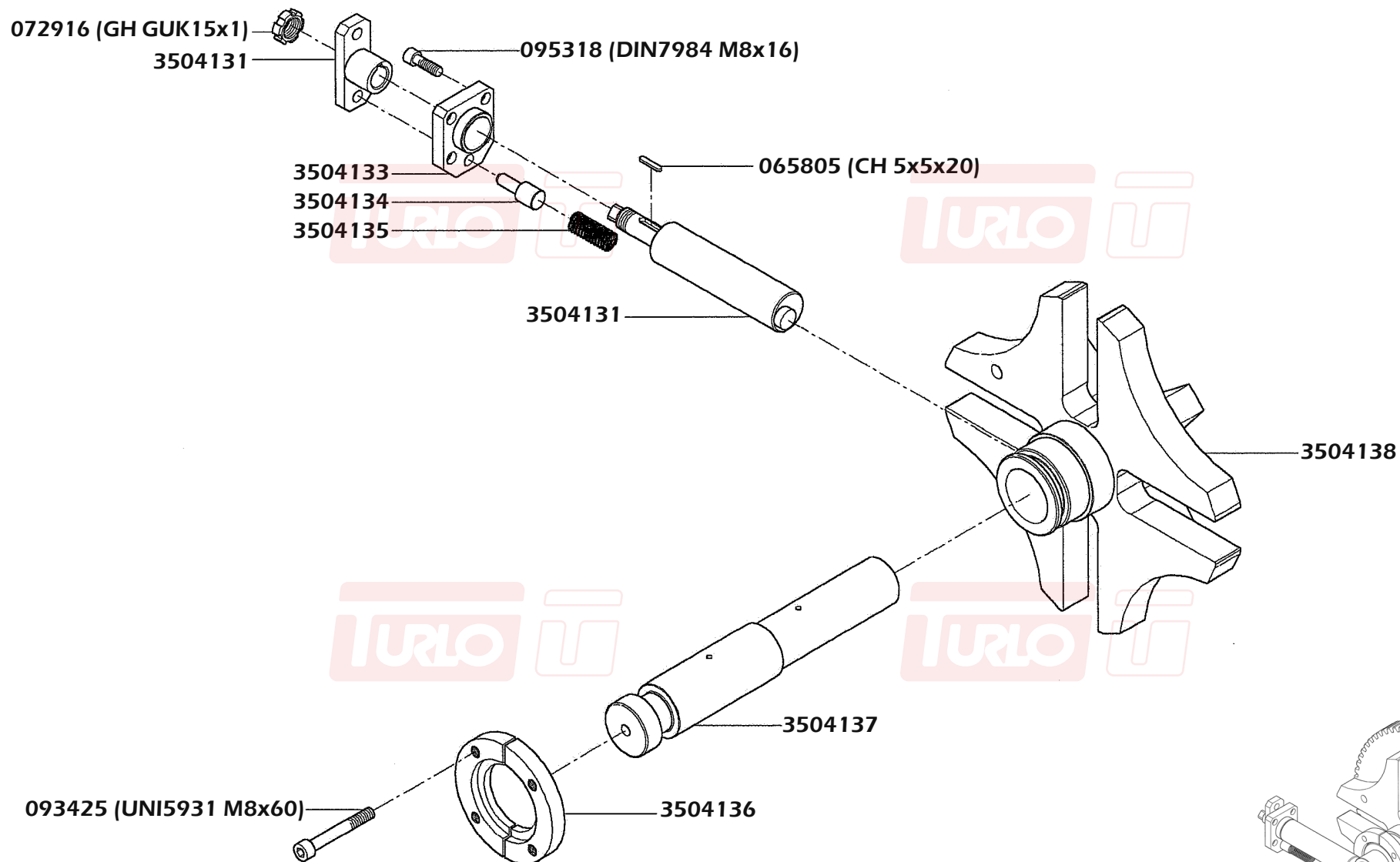


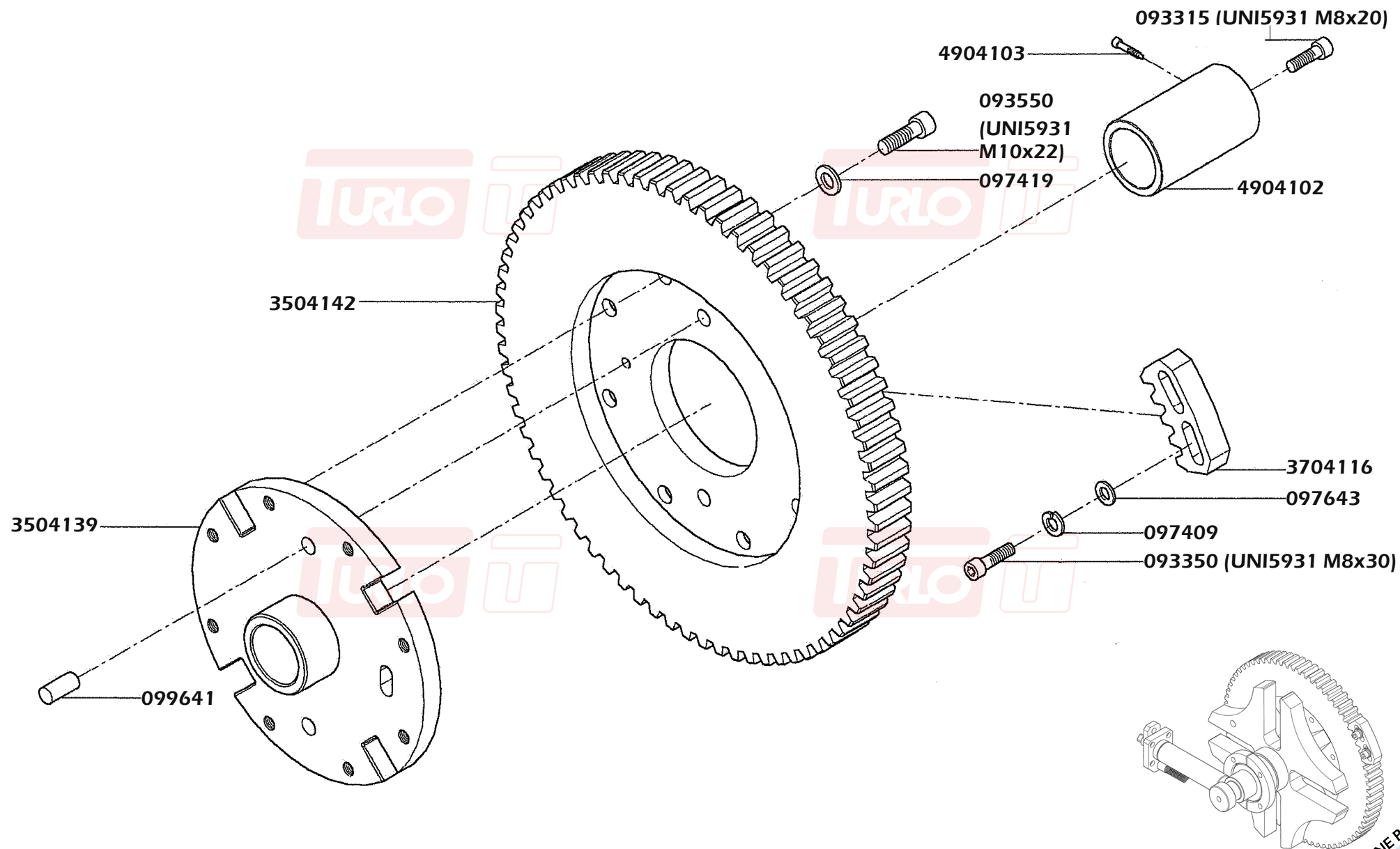


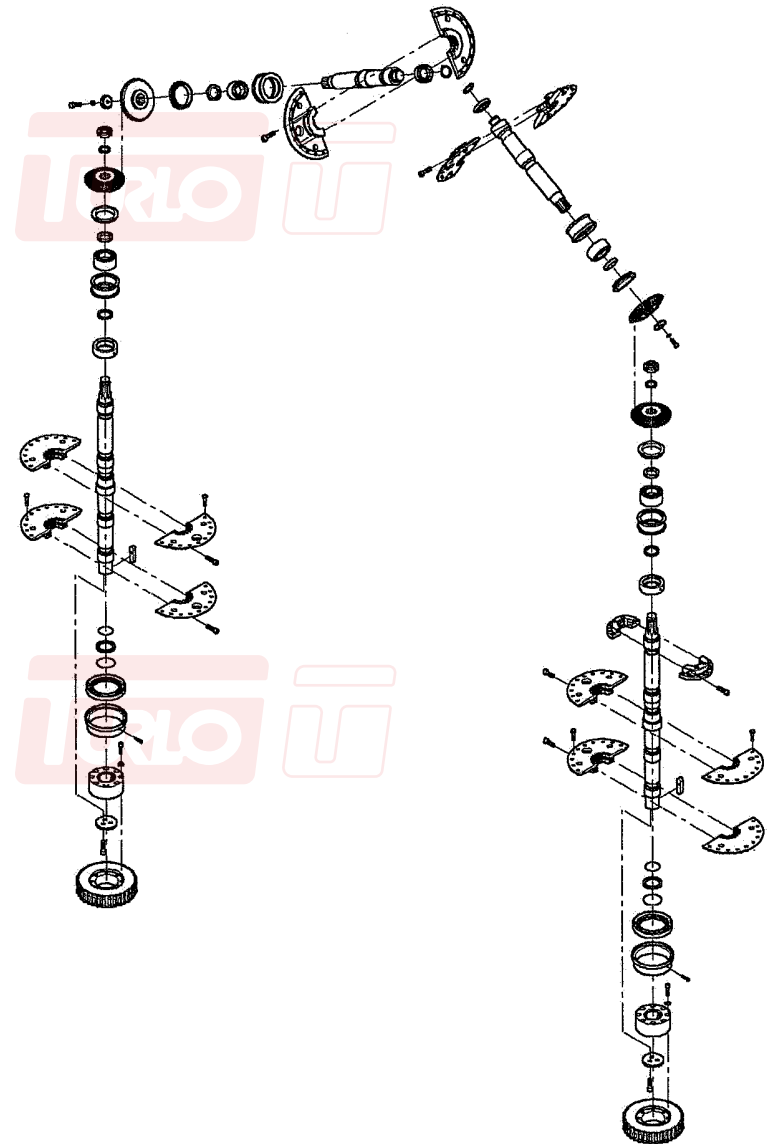
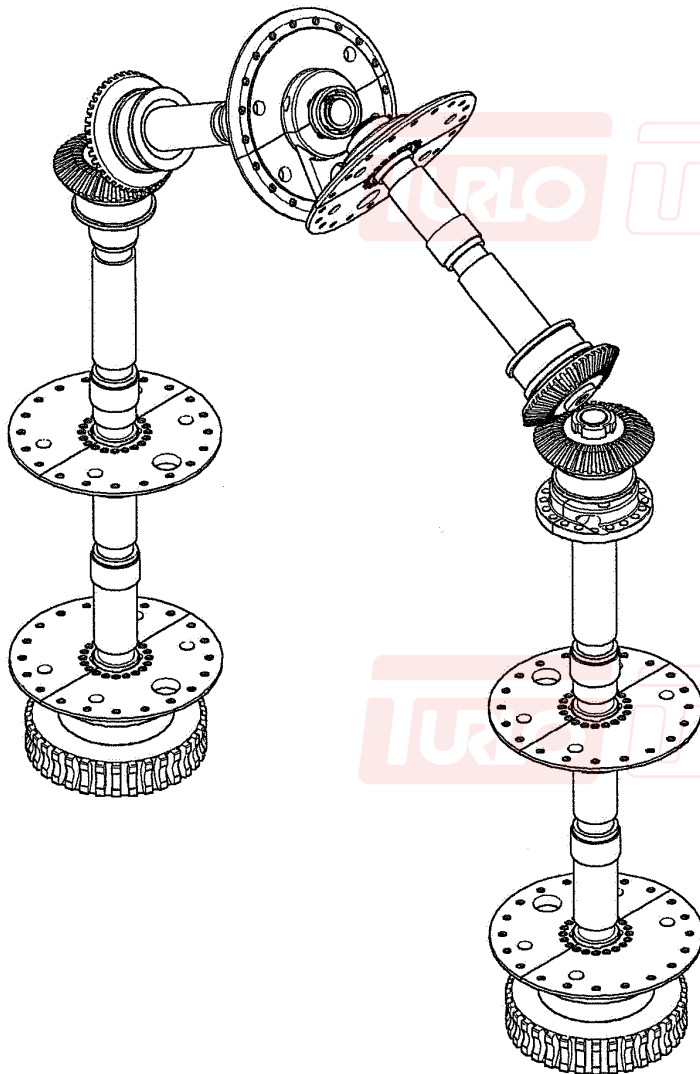






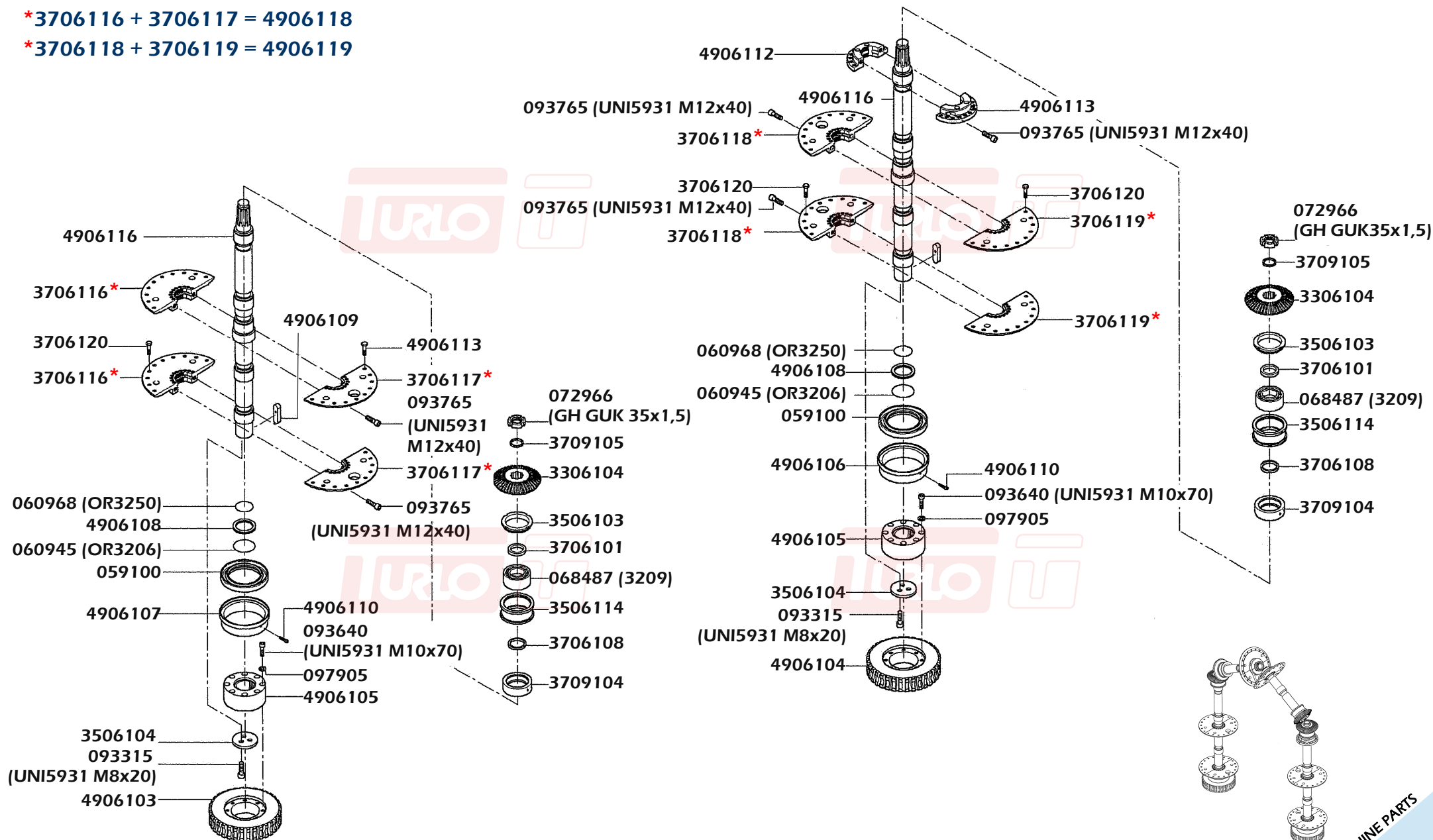


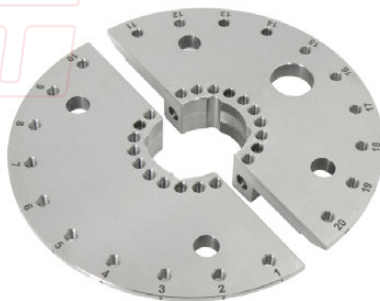
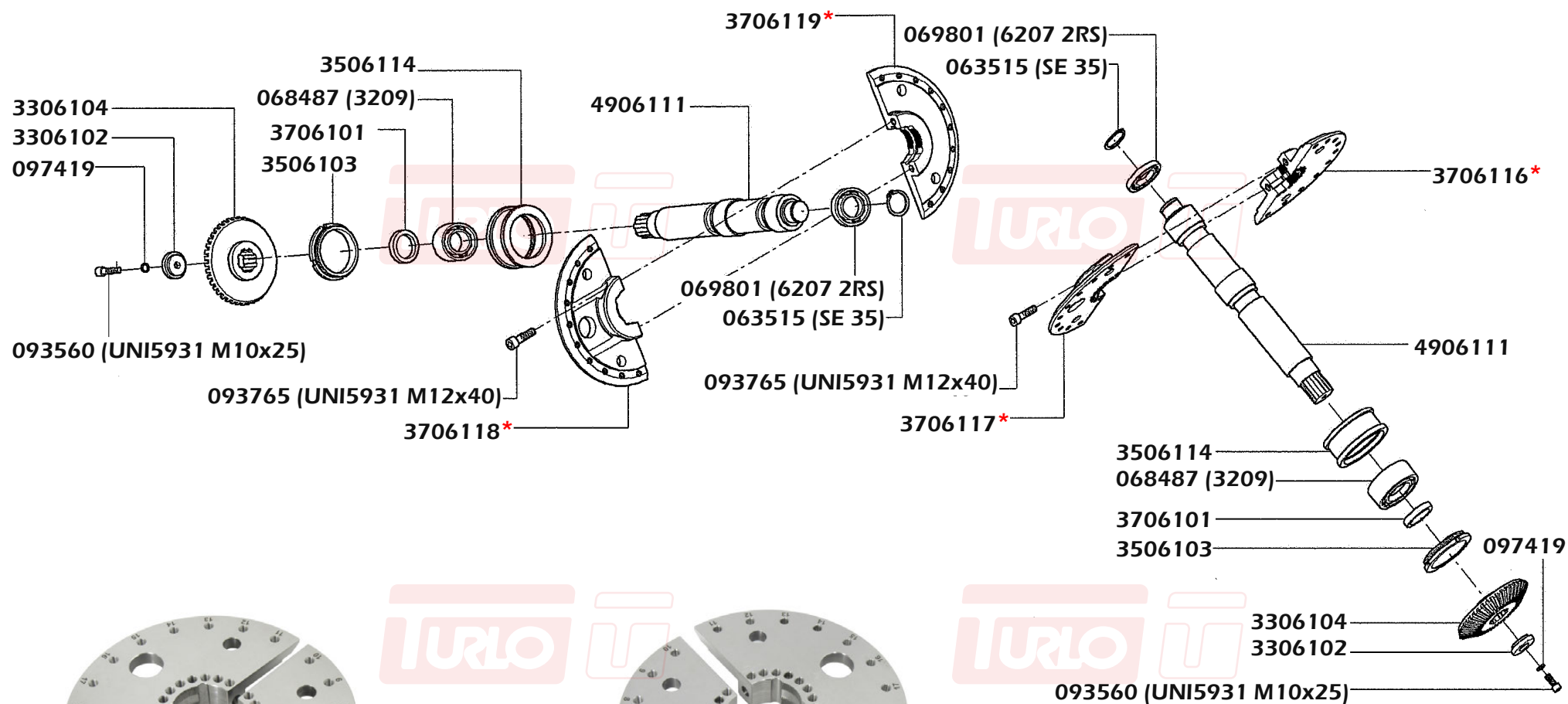




*3706116 + 3706117 = 4906118

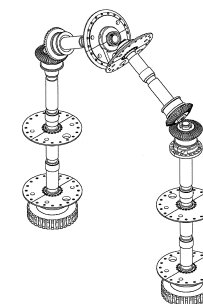
*3706118 + 3706119 = 4906119

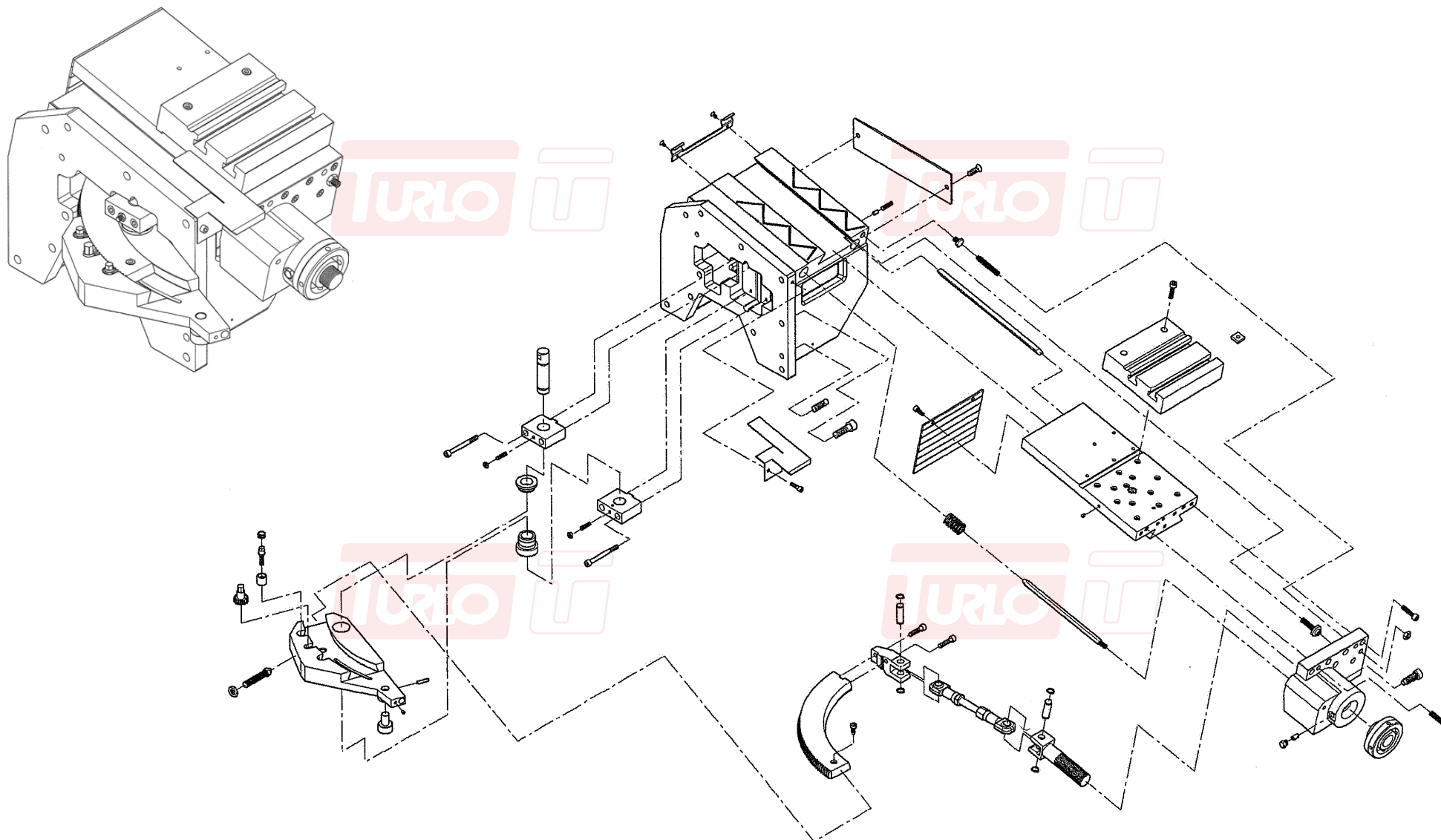


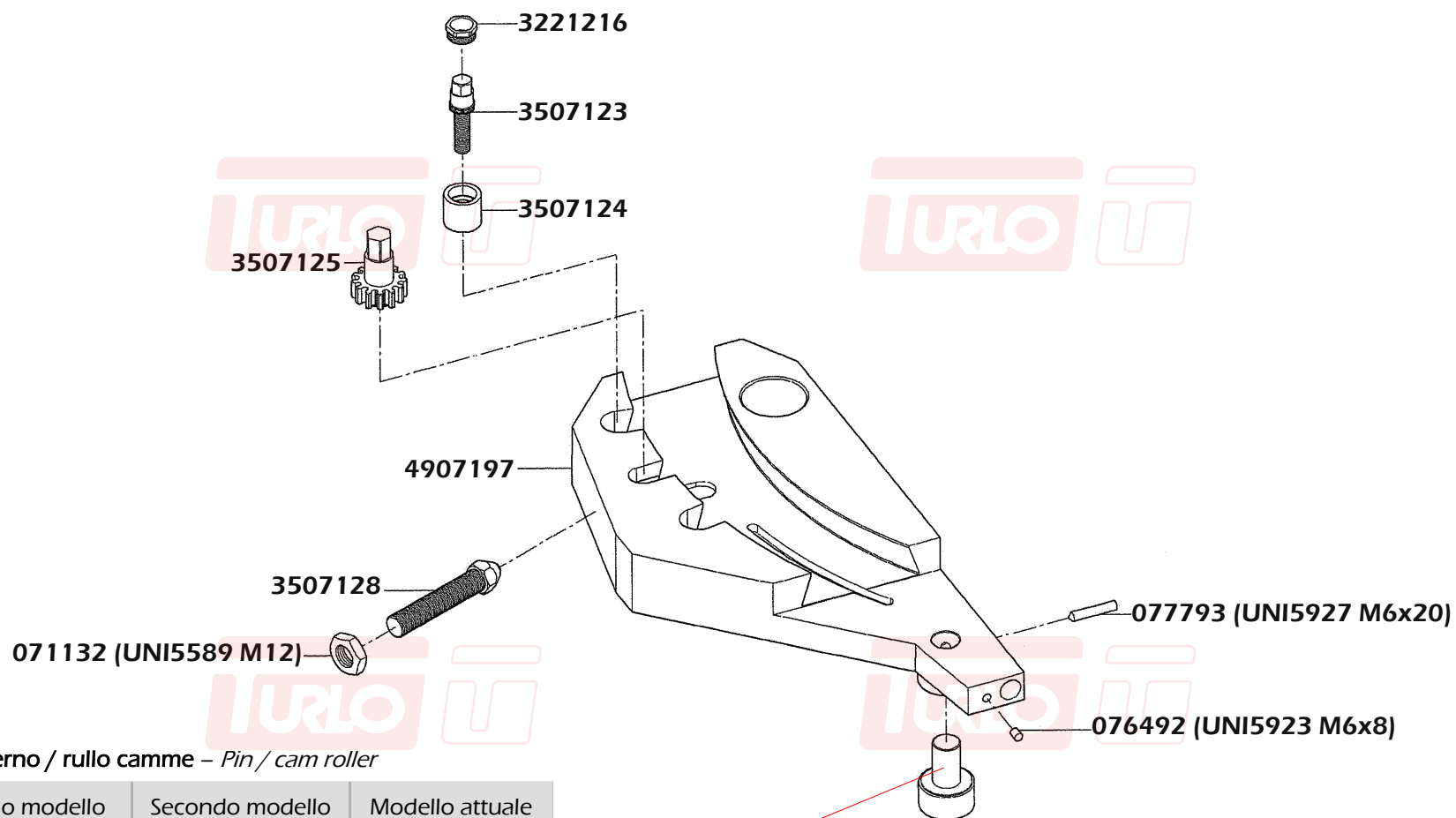


***3706116 + 3706117 = 4906118**

***3706118 + 3706119 = 4906119**

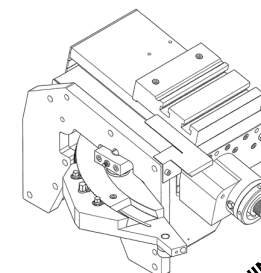


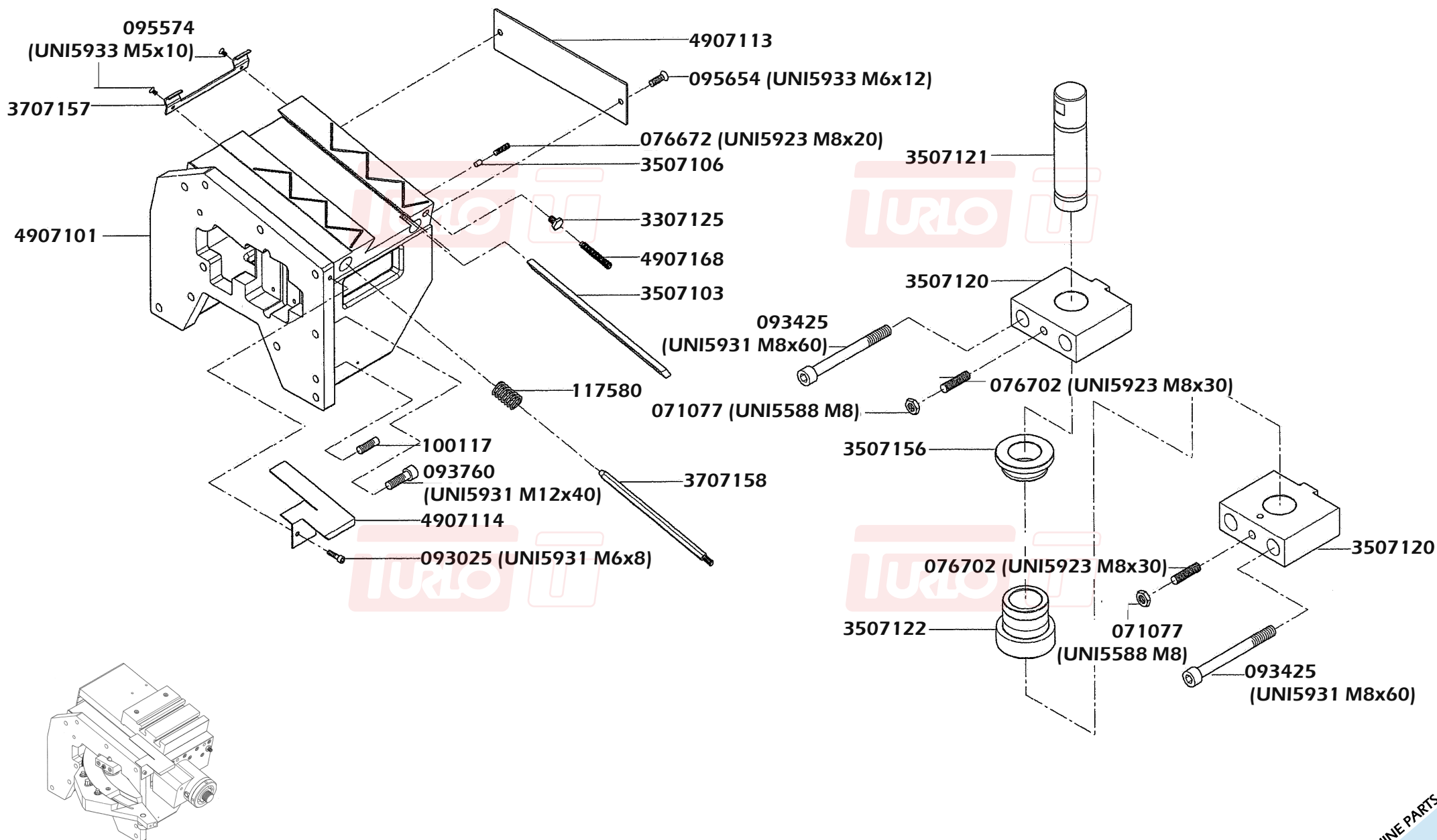


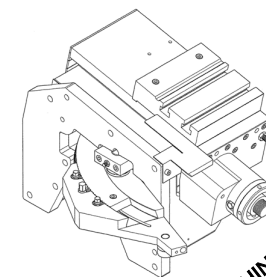
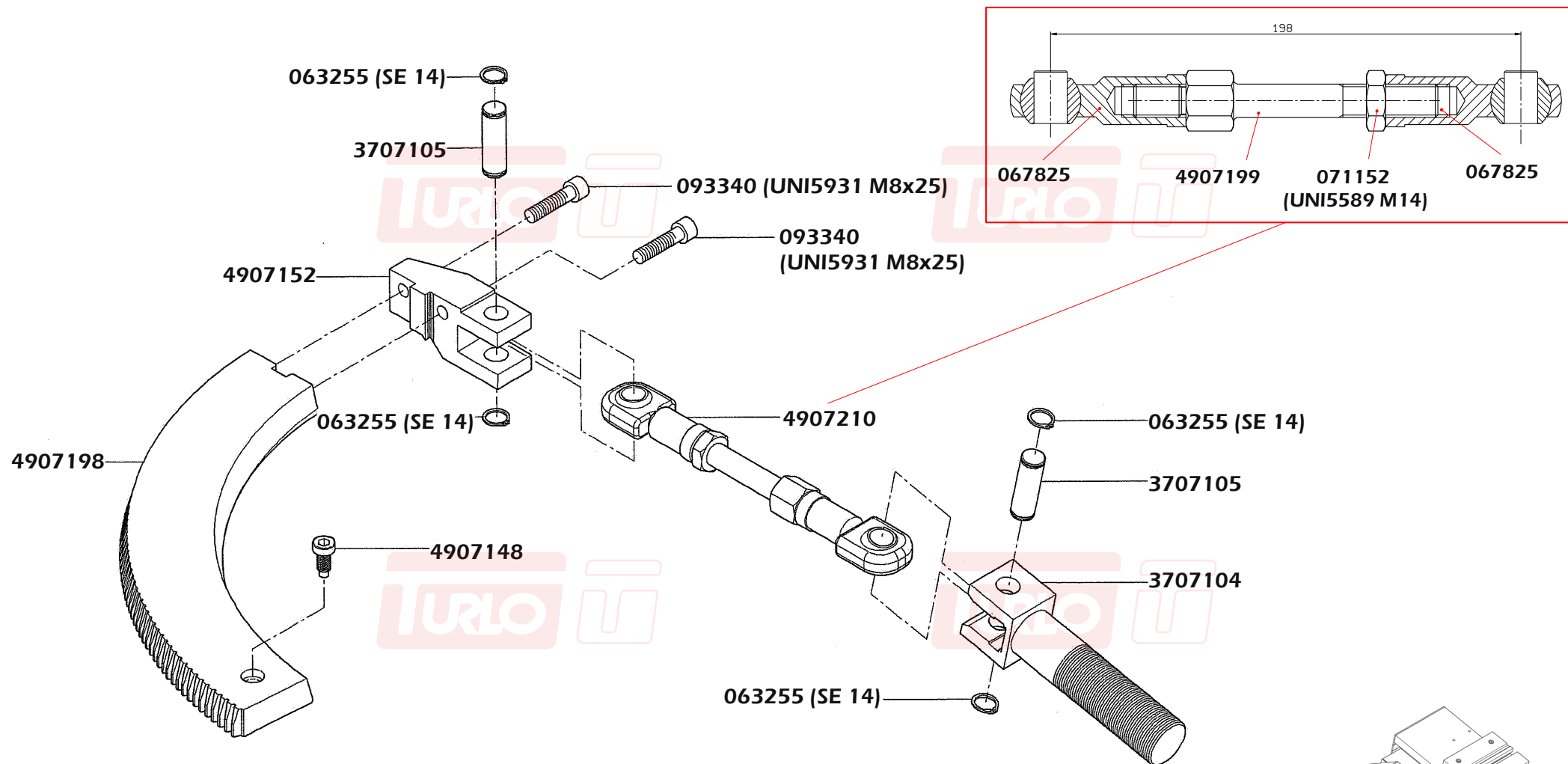


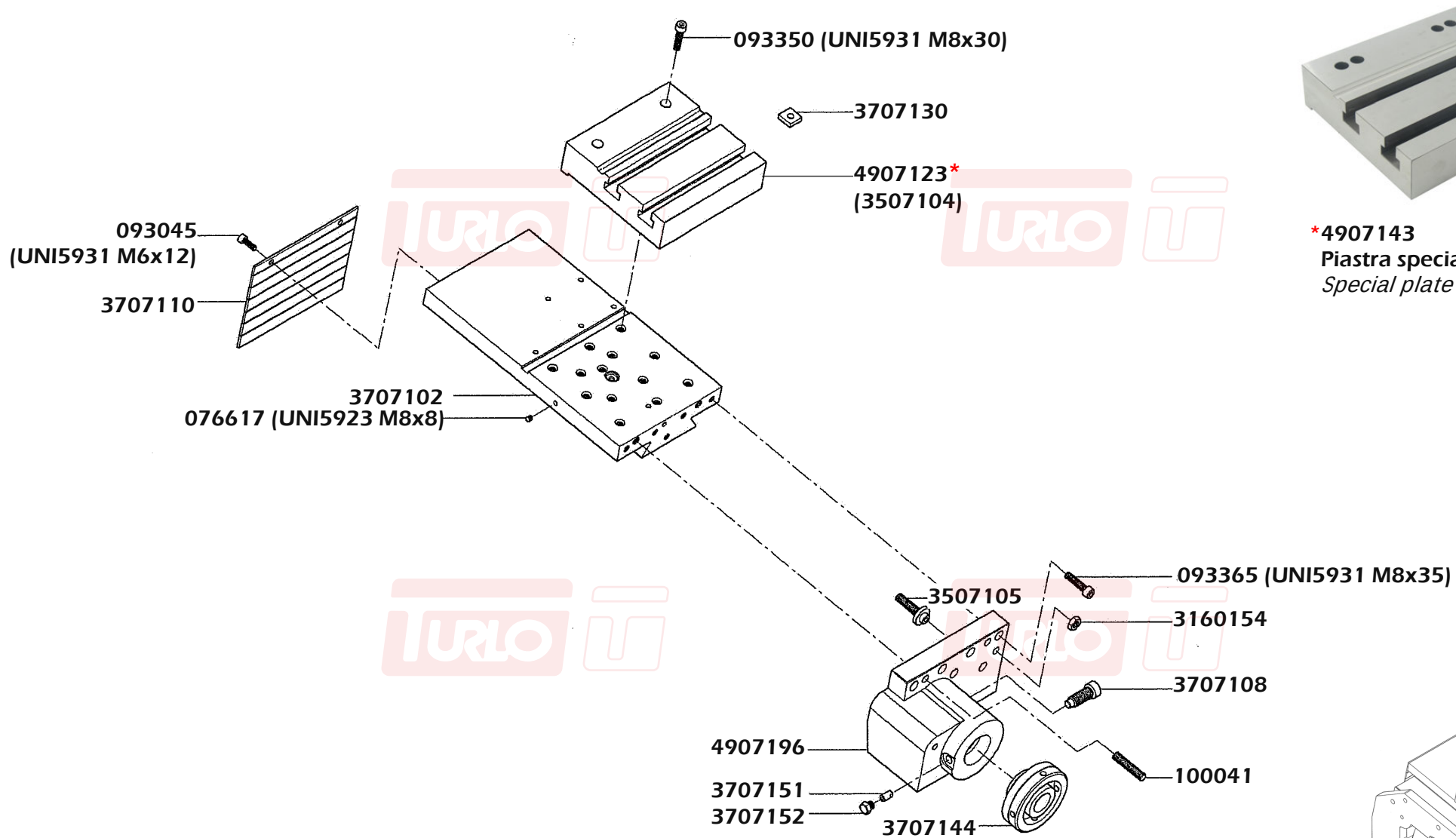
* Perno / rullo camme – Pin / cam roller

	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3507127 	4907111 	066793 
Rullo Roller	3522116 	4907112 	
Spine Needle	Non necessario Not required	106440 (27x) 	Incluse Included

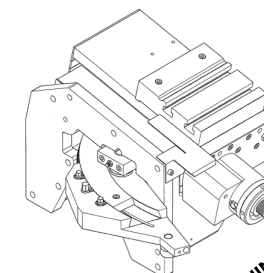


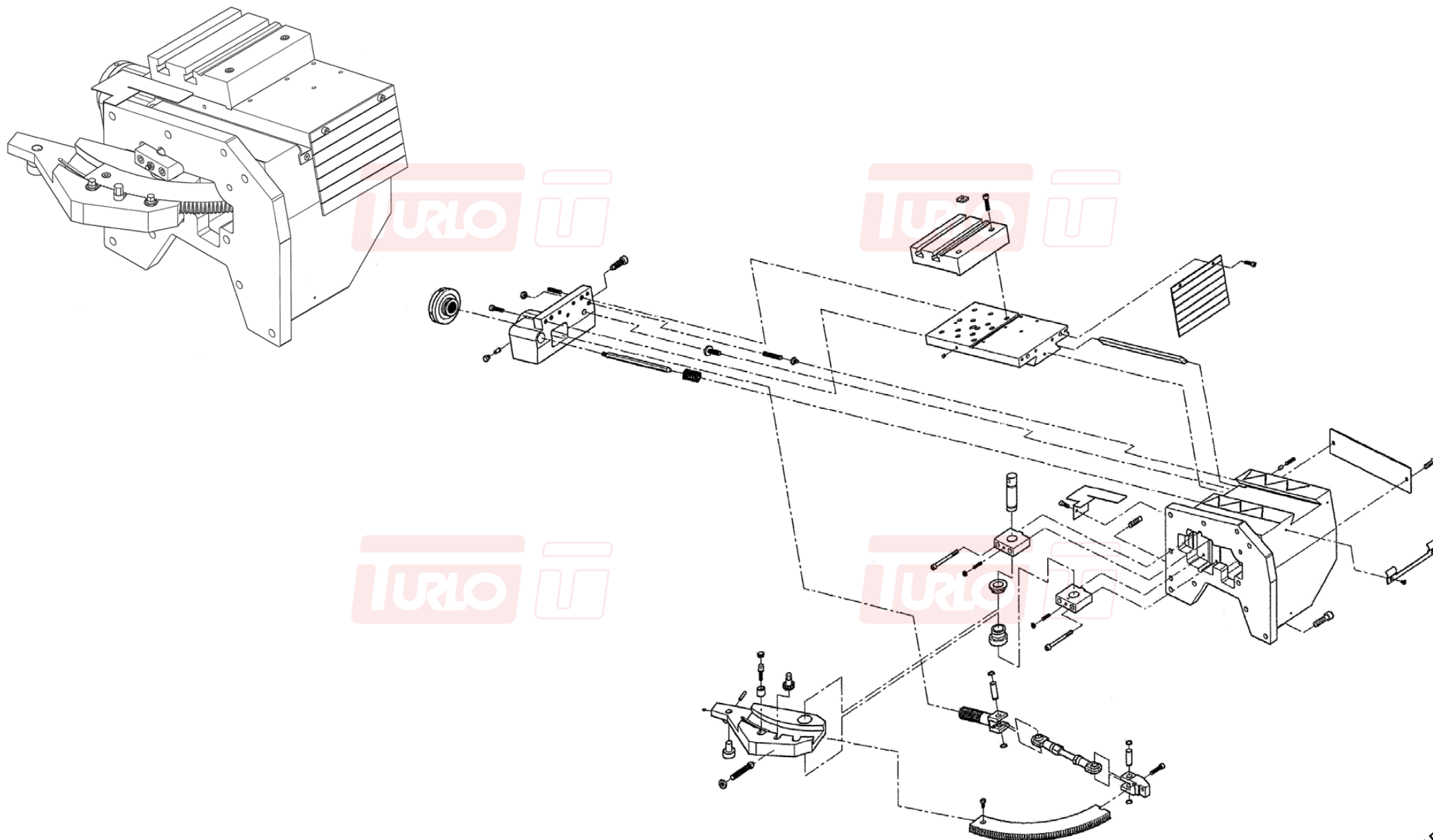


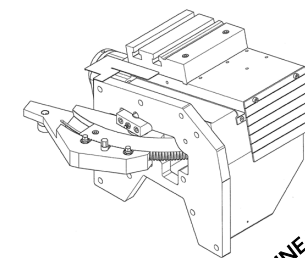
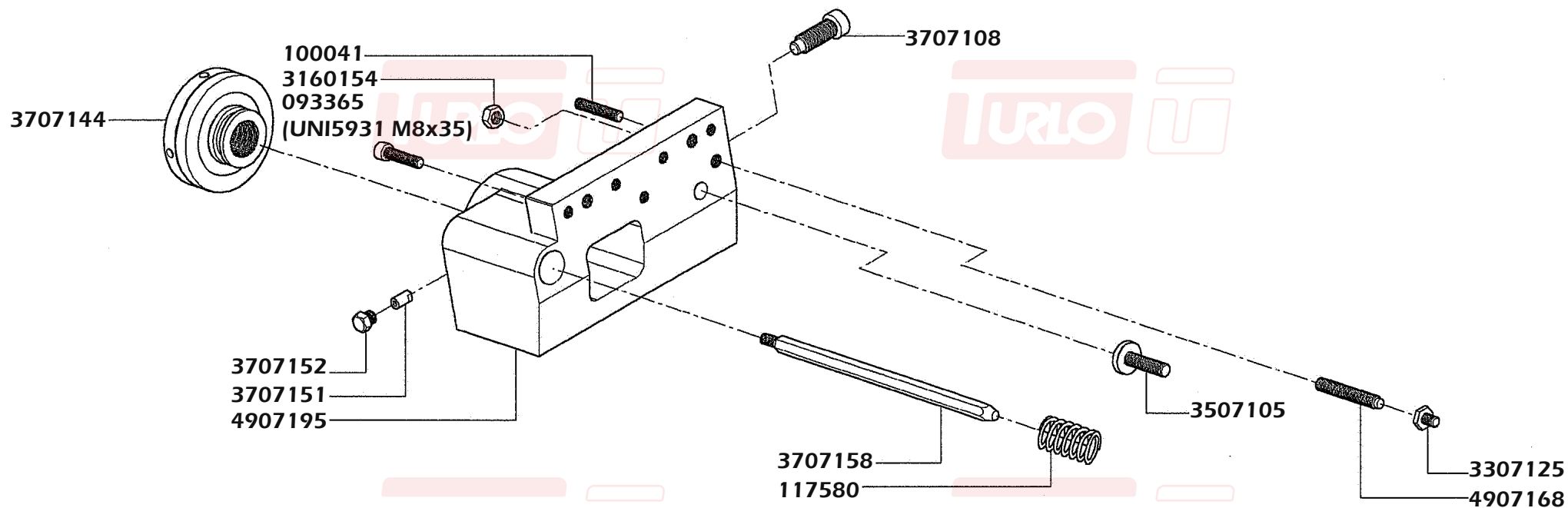


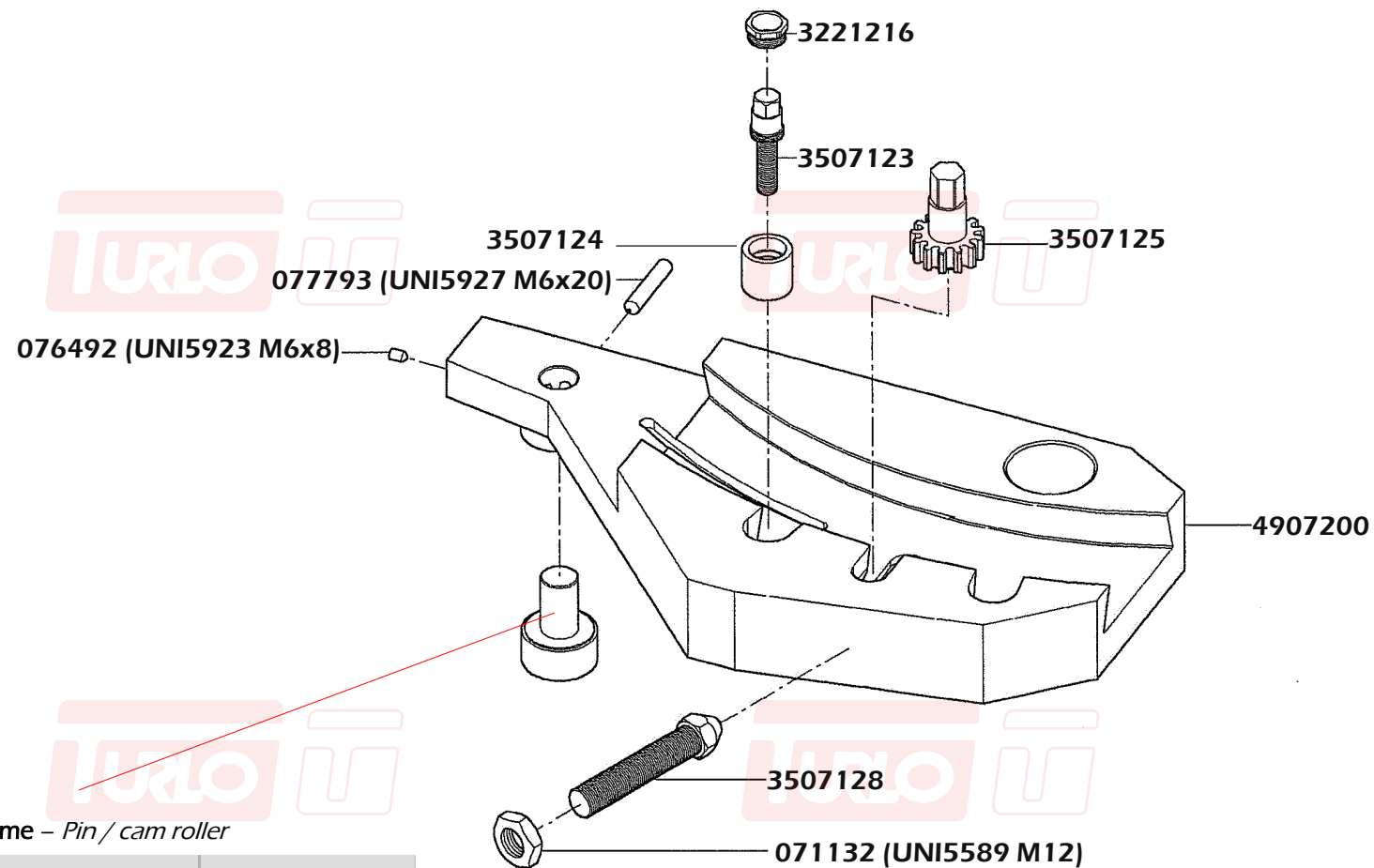


***4907143**
Piastra speciale L=198
Special plate L=198



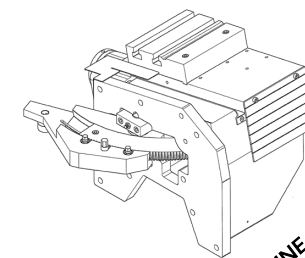


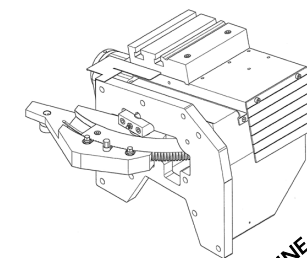
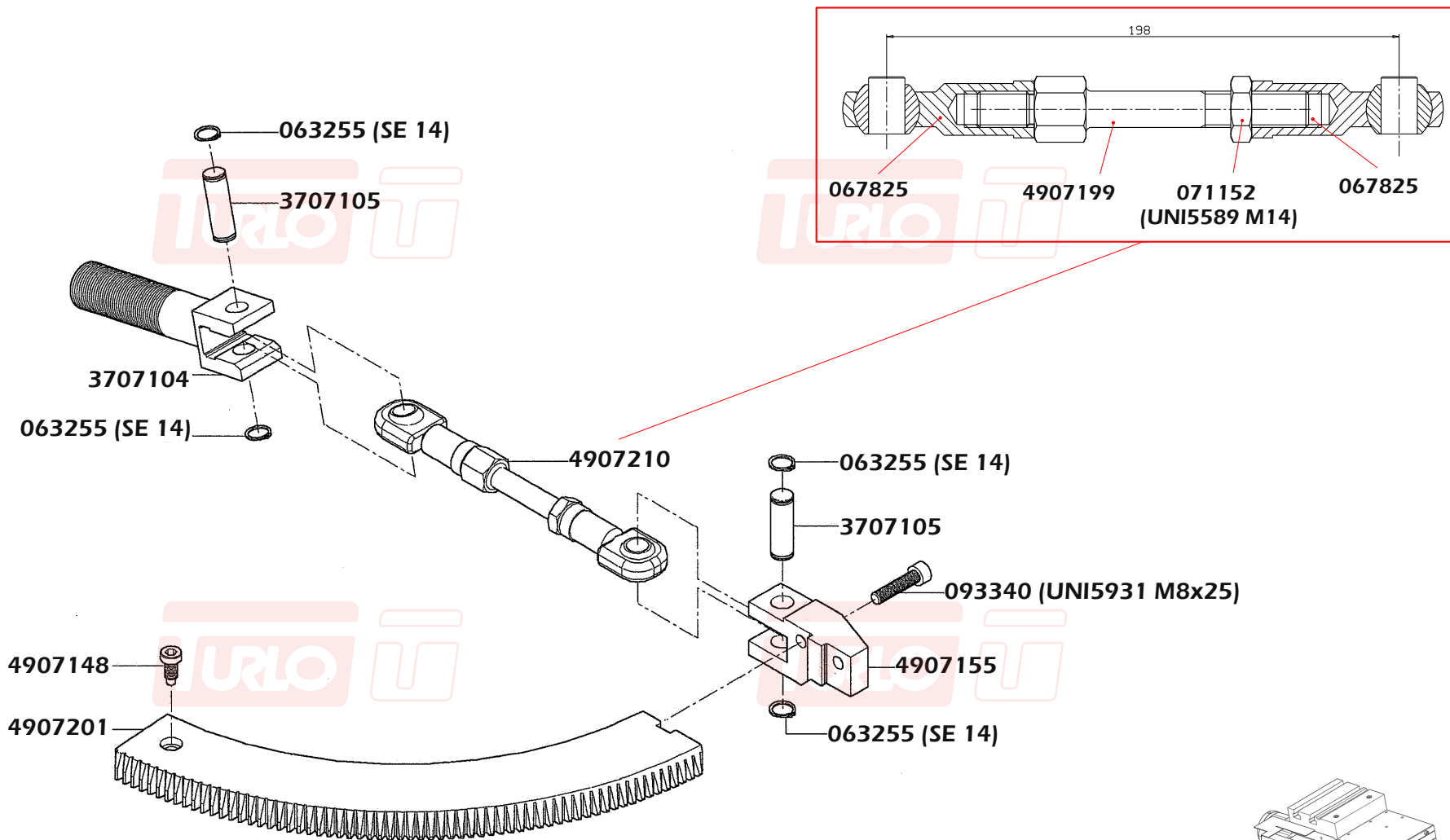


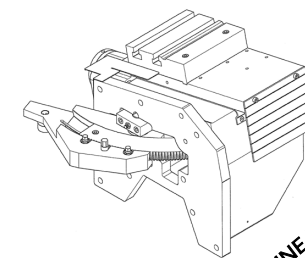
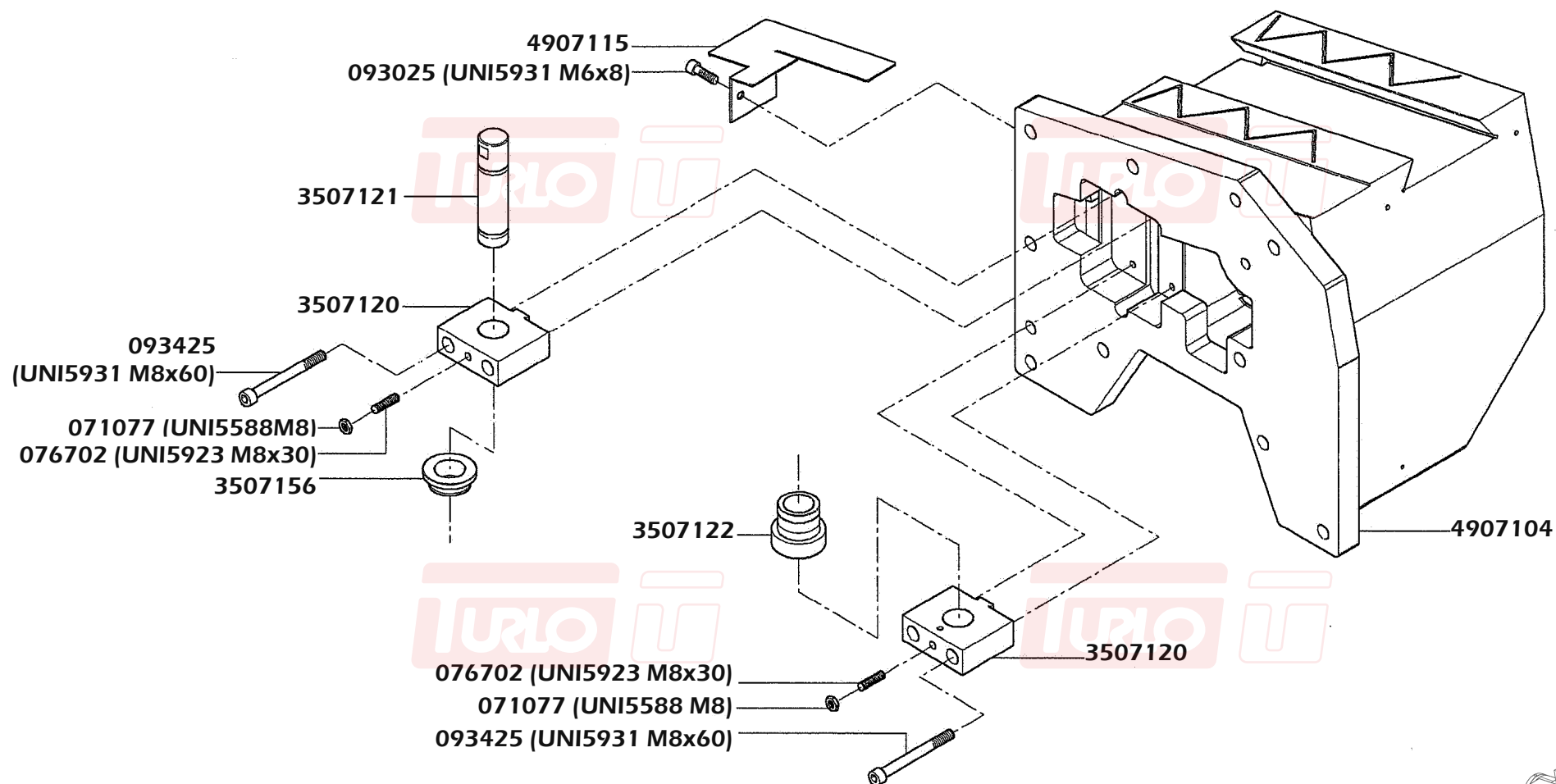


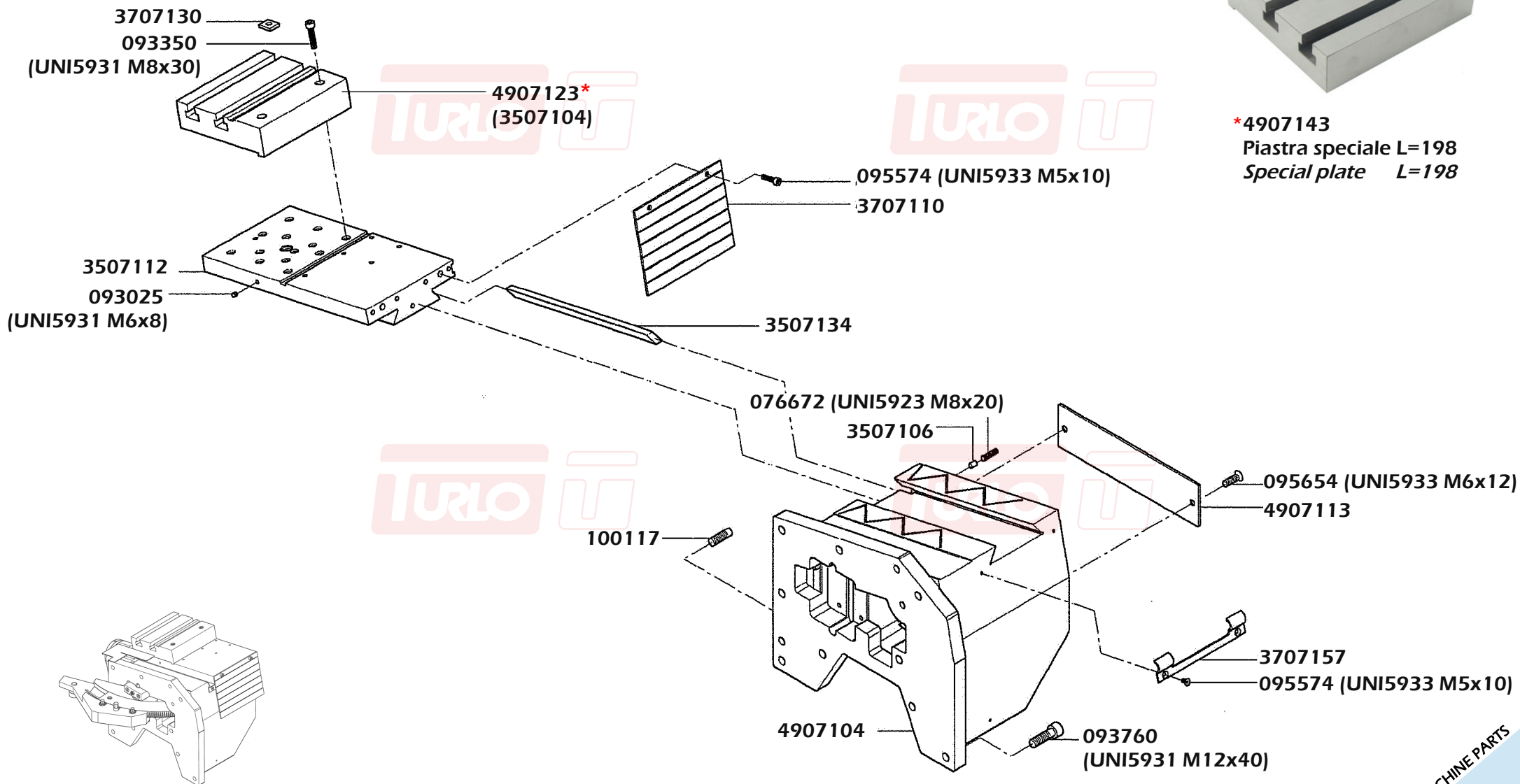
* Perno / rullo camme – Pin / cam roller

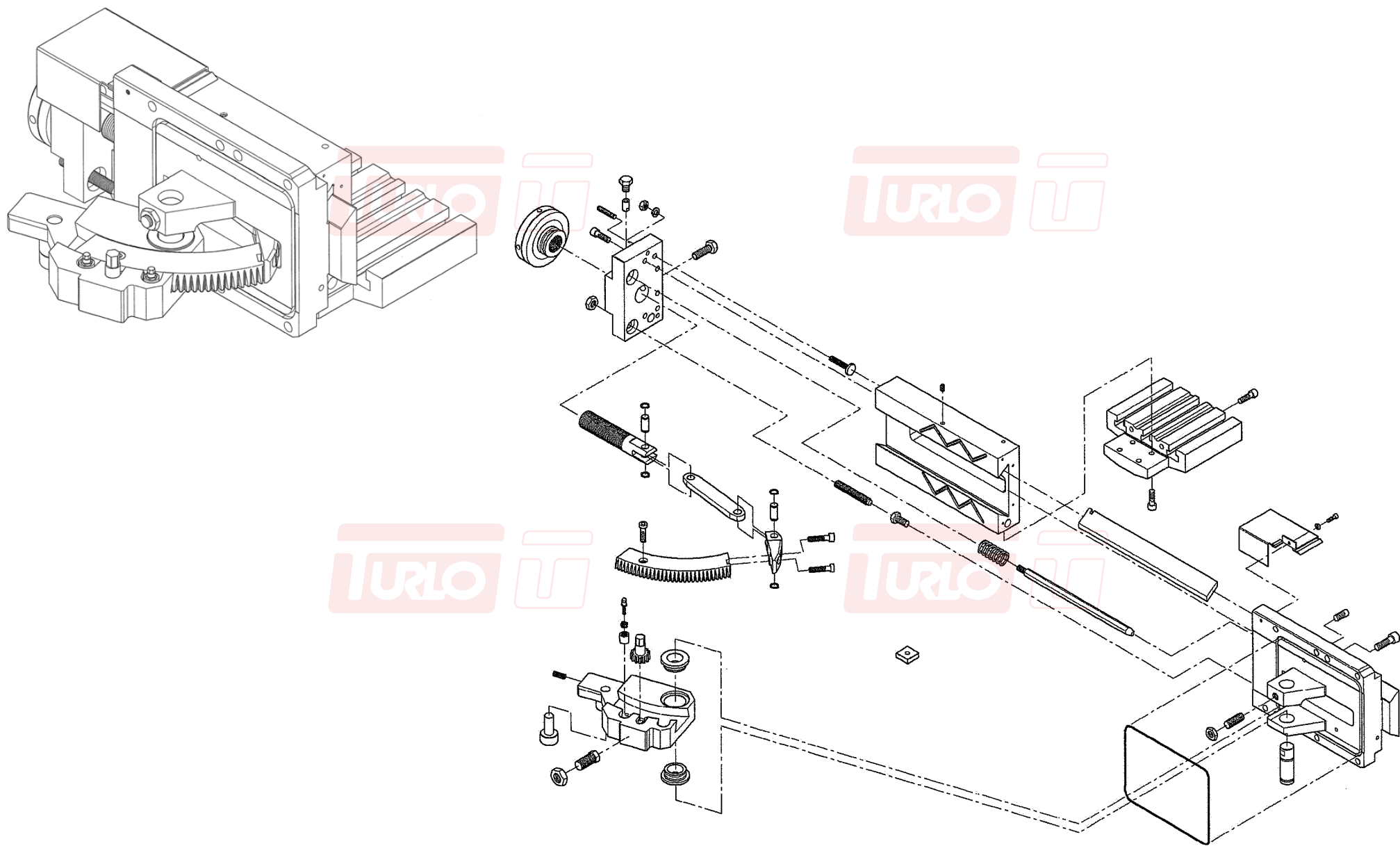
	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3507127 	4907111 	066793 
Rullo Roller	3522116 	4907112 	
Spine Needle	Non necessario Not required	106440 (27x) 	Incluse Included

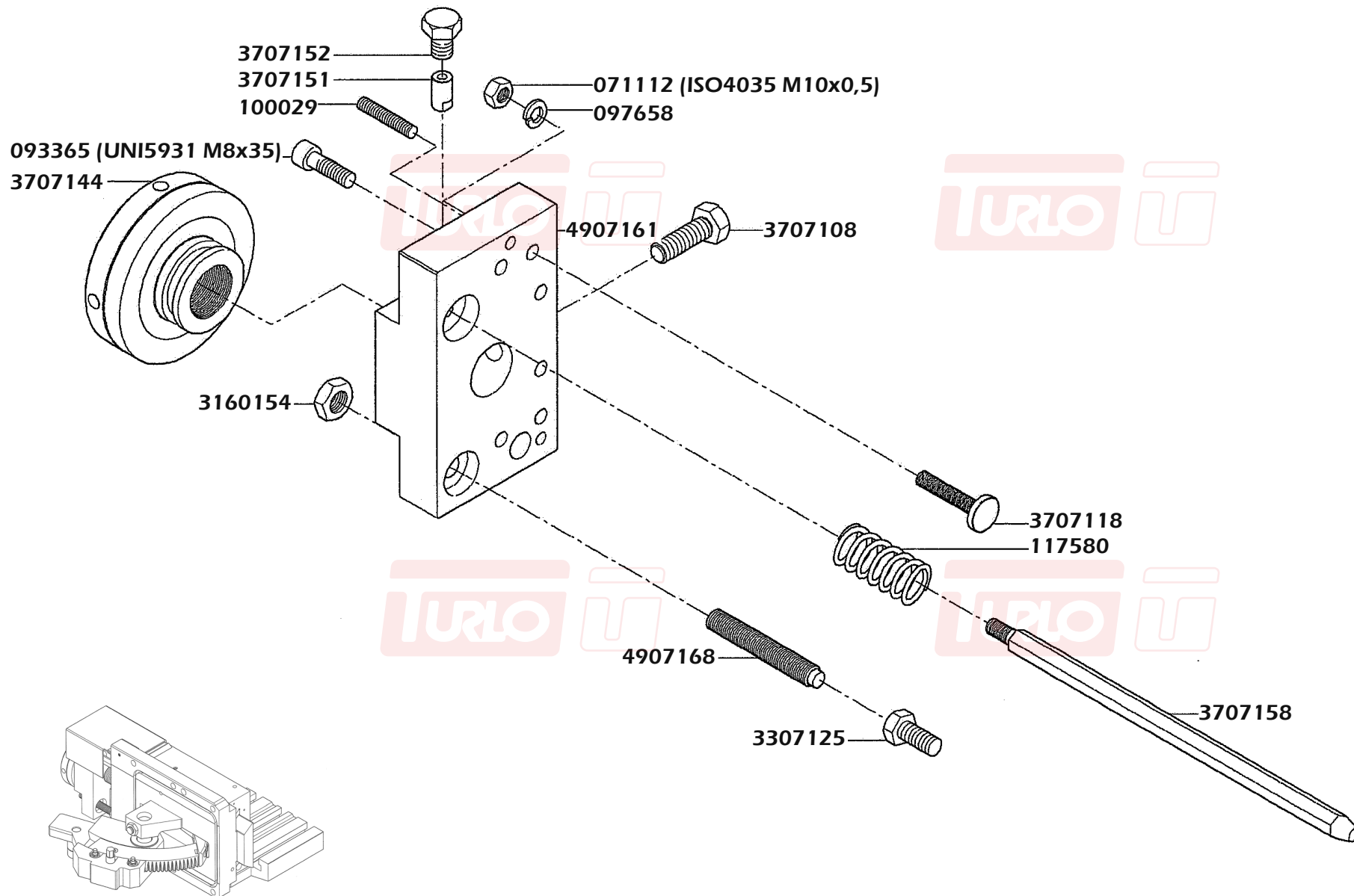


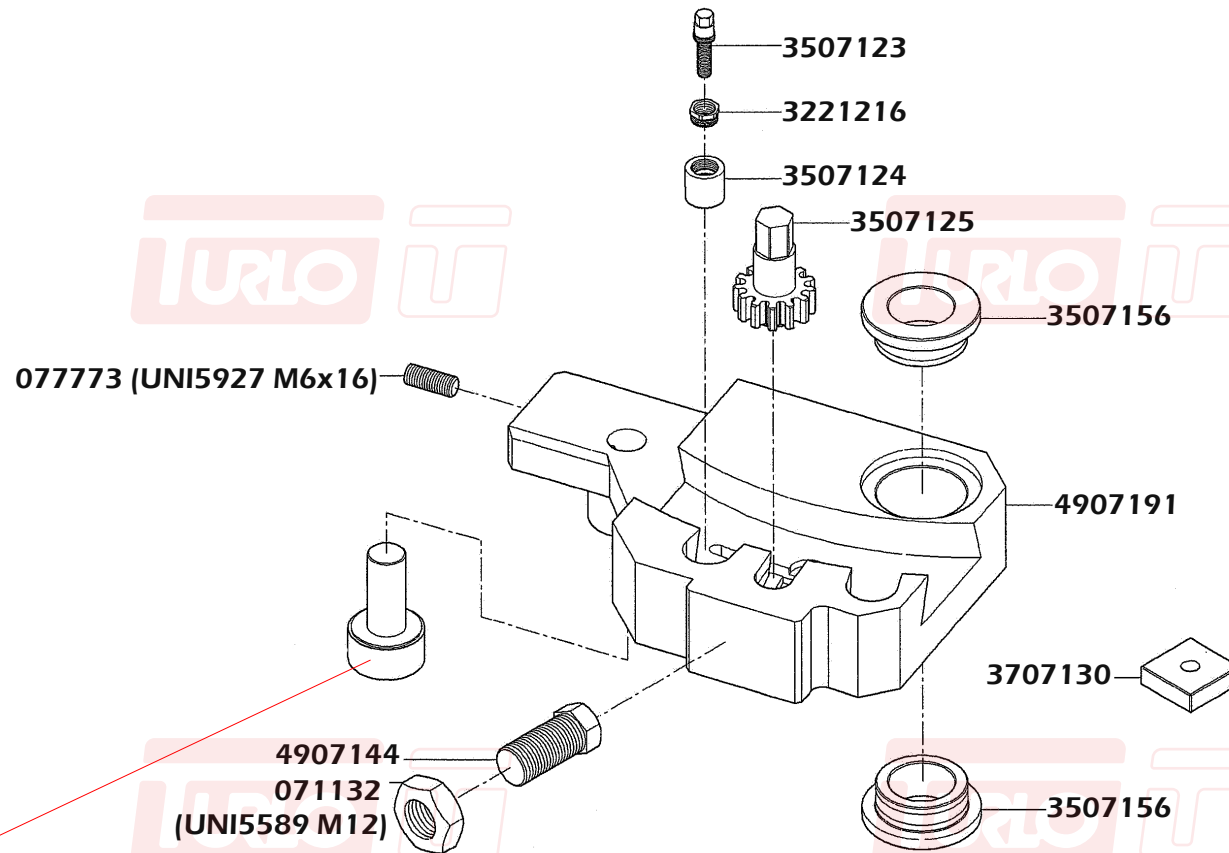






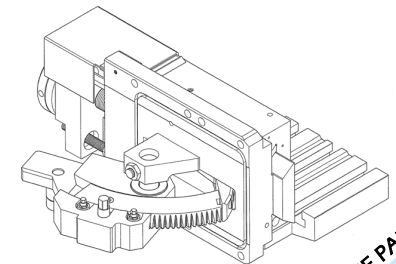


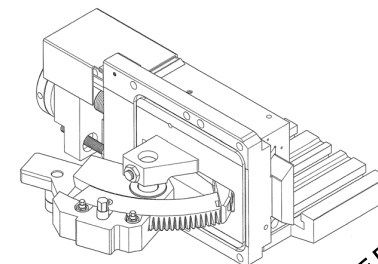
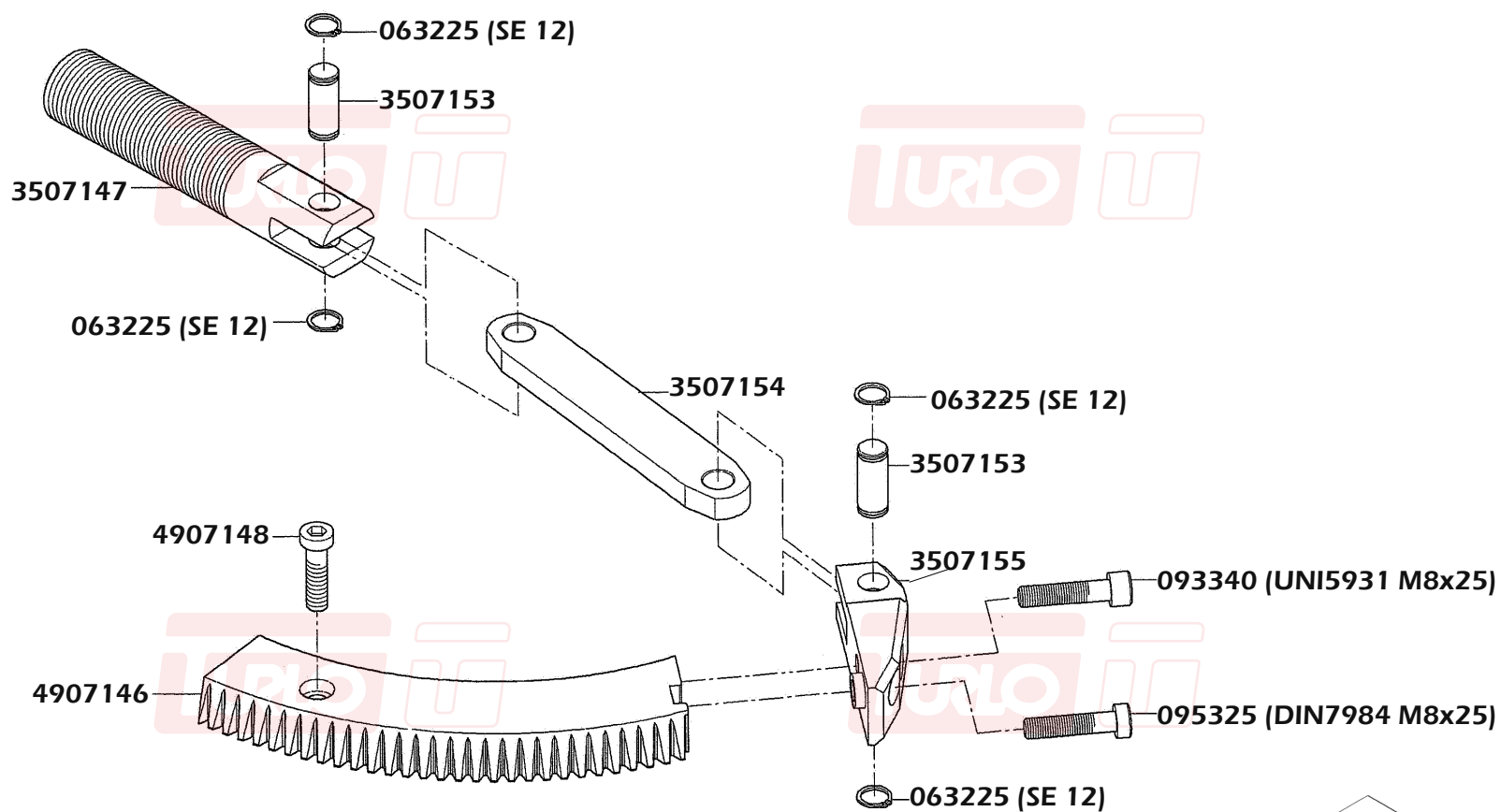


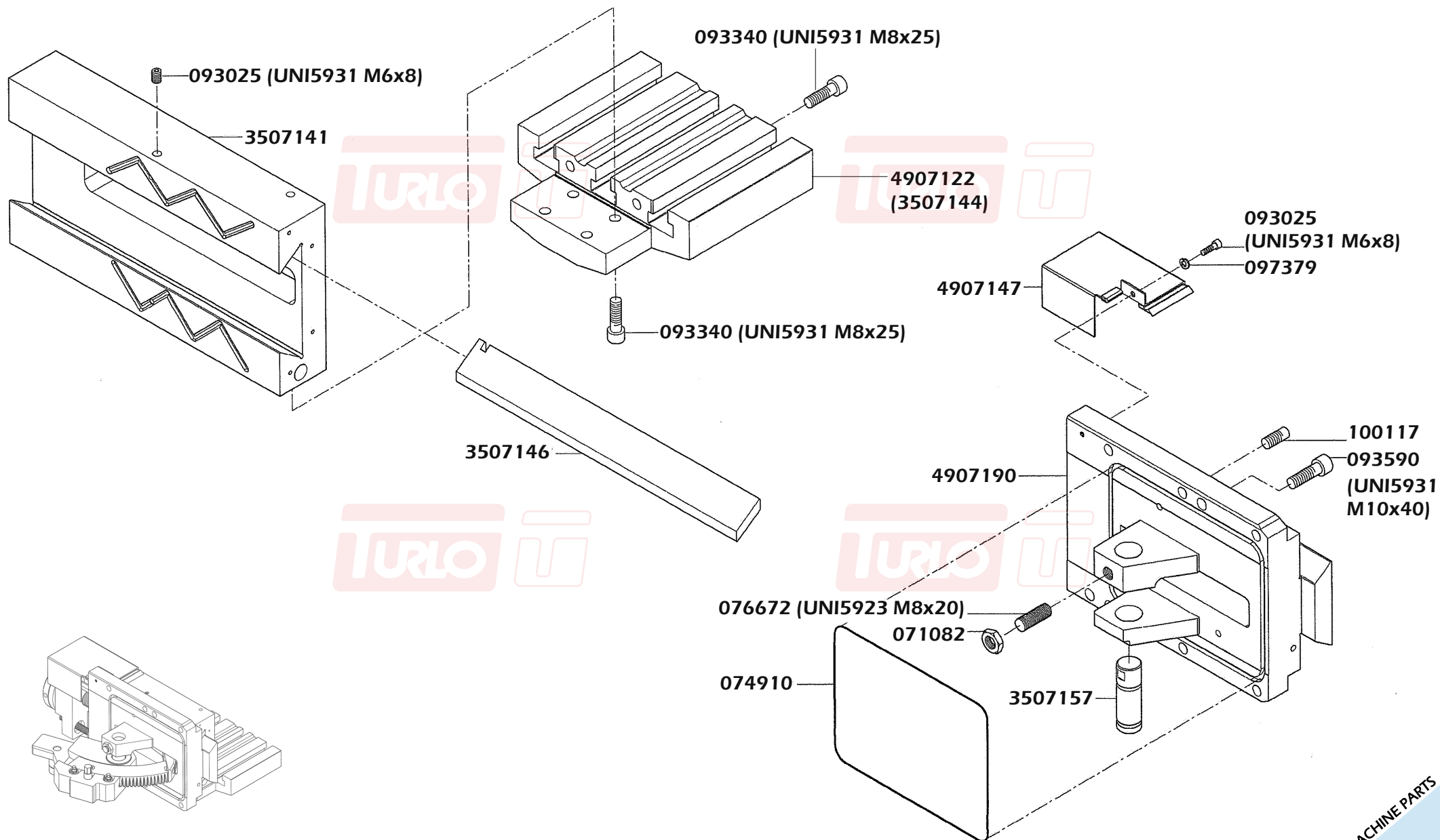


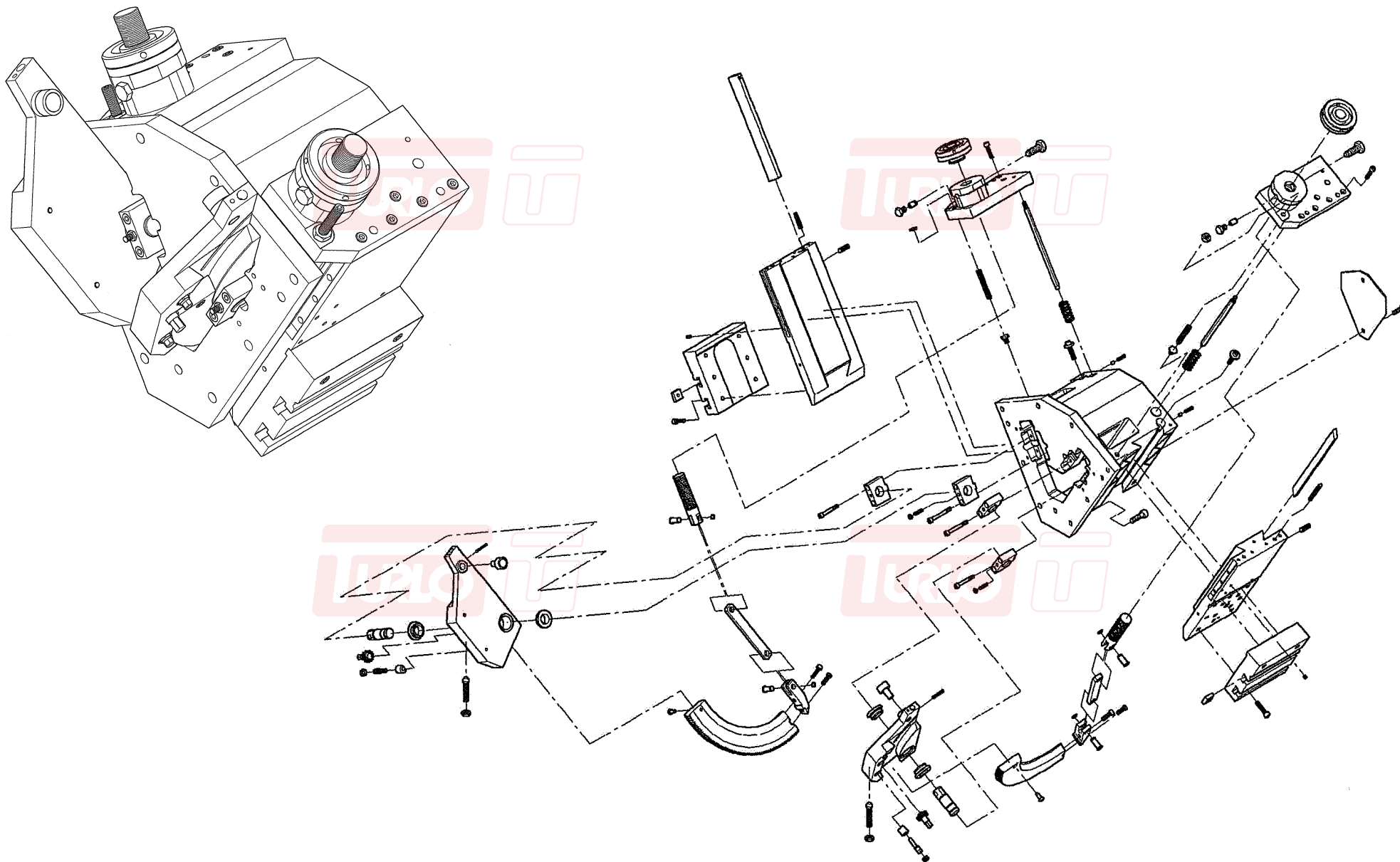
* Perno / rullo camme – Pin / cam roller

	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3507127	4907111	066792
Rullo Roller	3522116	4907112	
Spine Needle	Non necessario Not required	106440 (27x)	Incluse Included



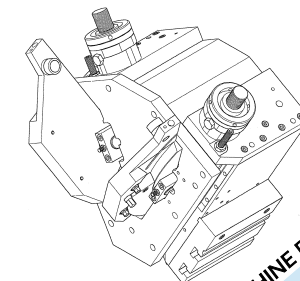
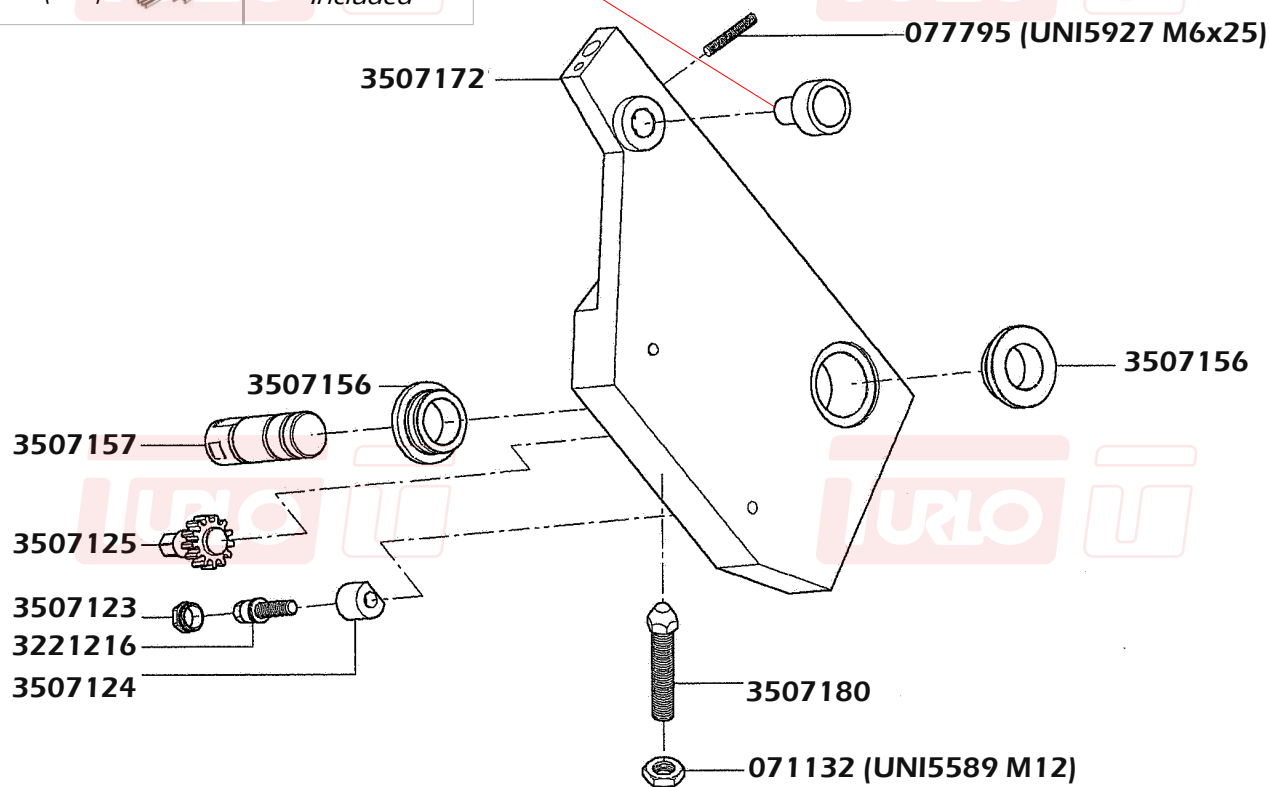


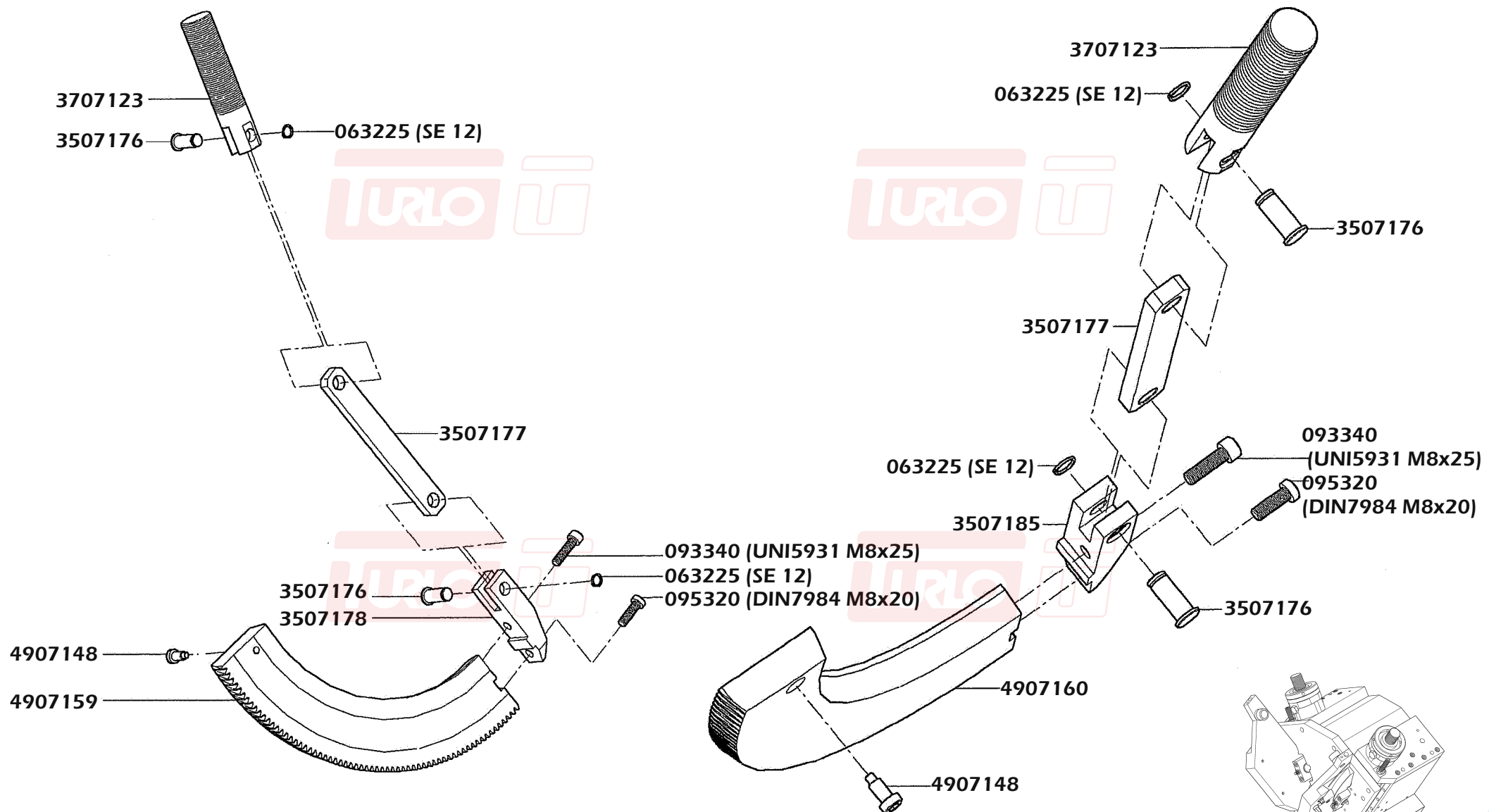


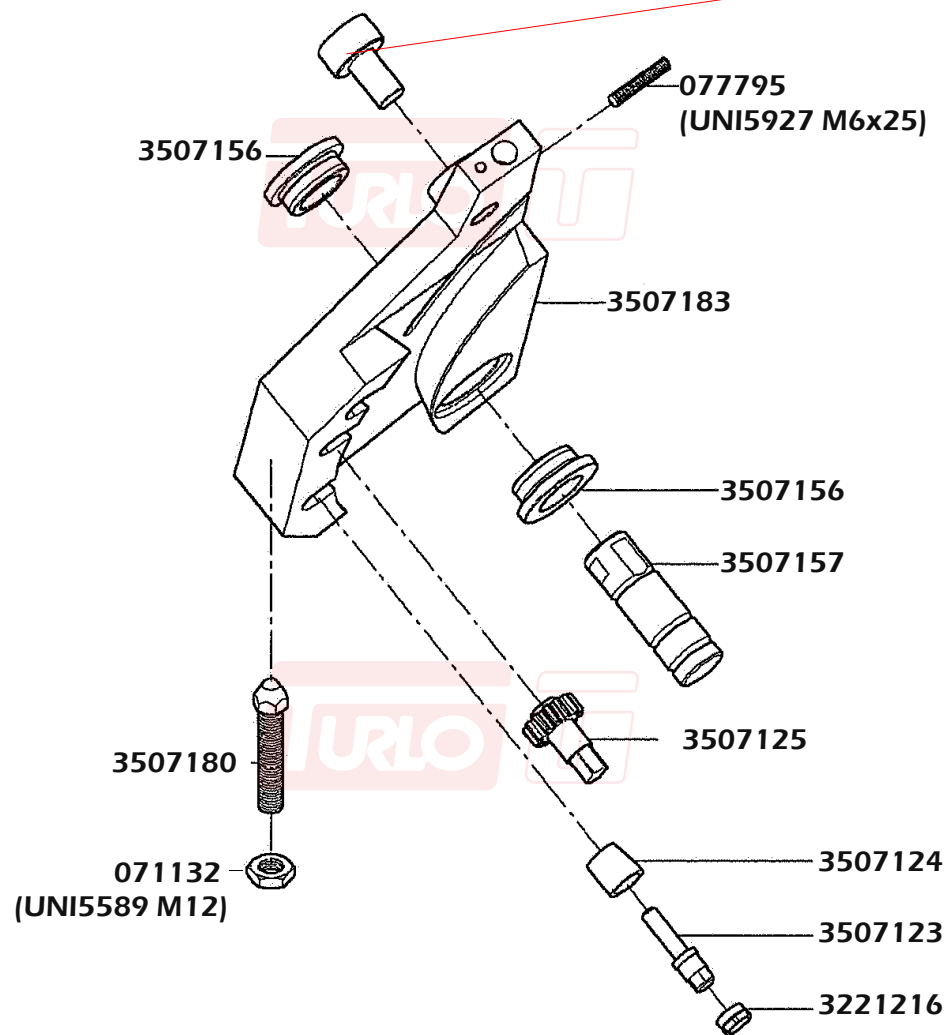


*Perno / rullo camme – Pin / cam roller

	Primo modello <i>First model</i>	Secondo modello <i>Second model</i>	Modello attuale <i>Later model</i>
Perno <i>Pin</i>	3507127 	4907111 	066793 
Rullo <i>Roller</i>	3522116 	4907112 	
Spine <i>Needle</i>	Non necessario <i>Not required</i>	106440 (27x) 	Incluse <i>Included</i>

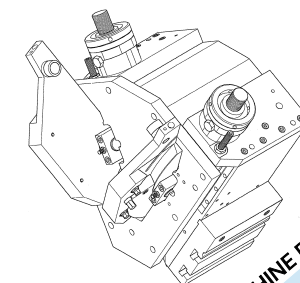


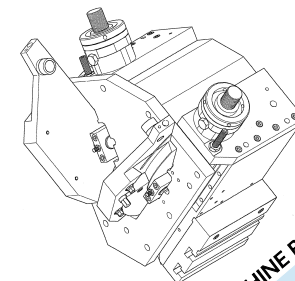
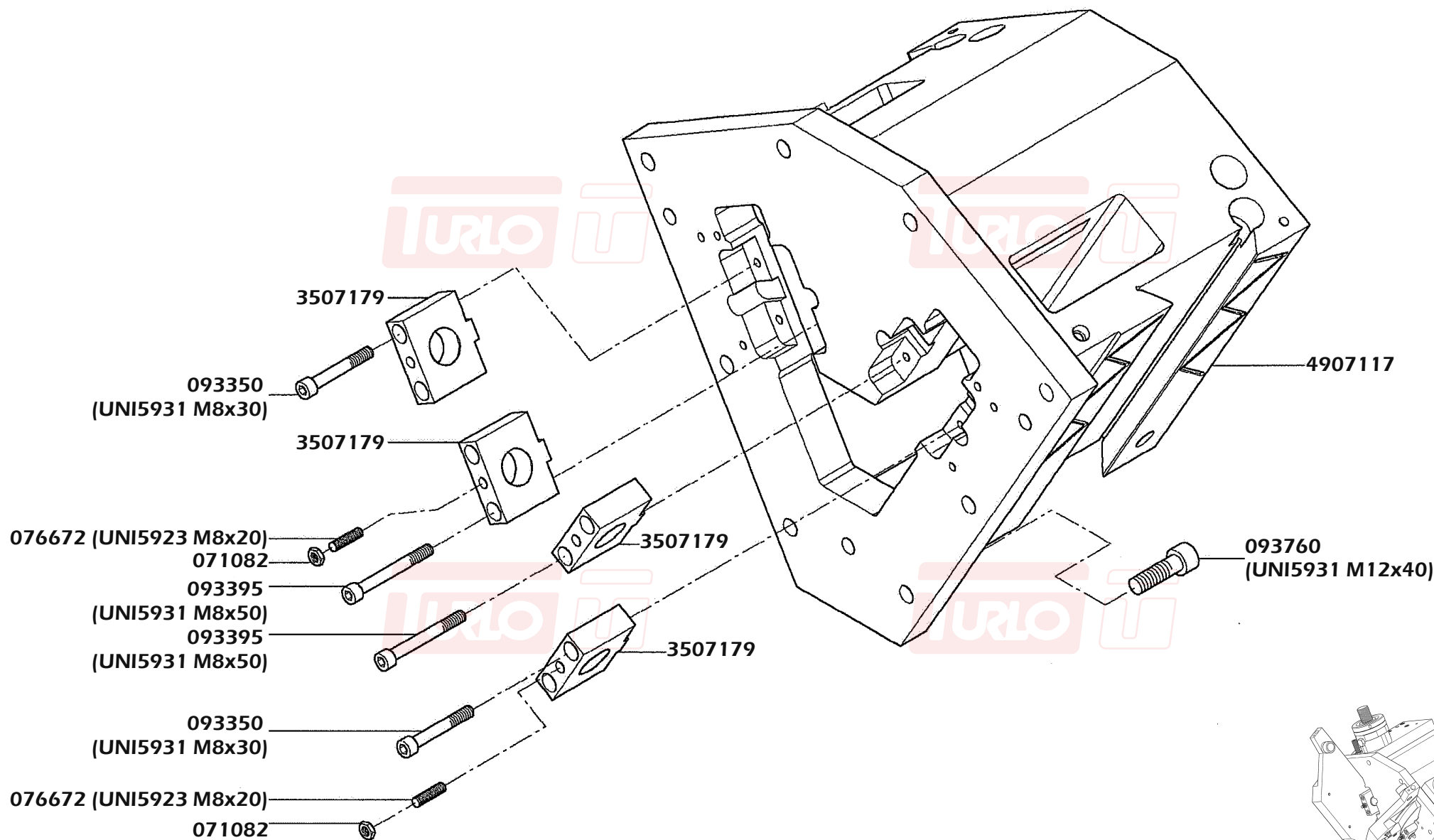




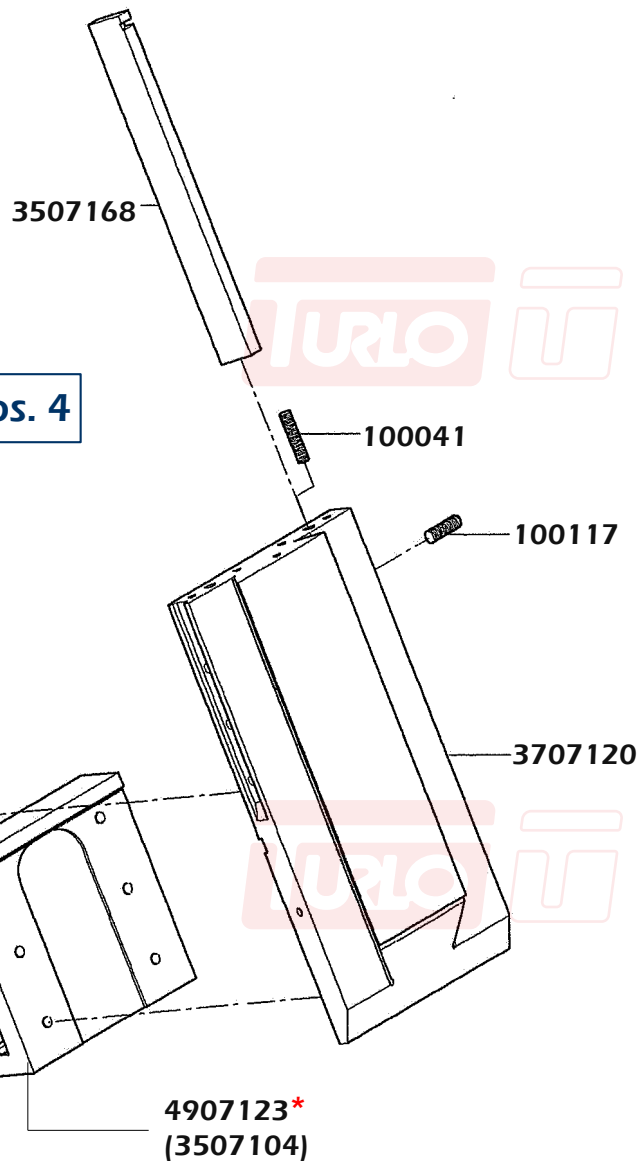
* Perno / rullo camme – Pin / cam roller

	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3507127	4907111	066793
Rullo Roller	3522116	4907112	
Spine Needle	Non necessario Not required	106440 (27x)	Incluse Included

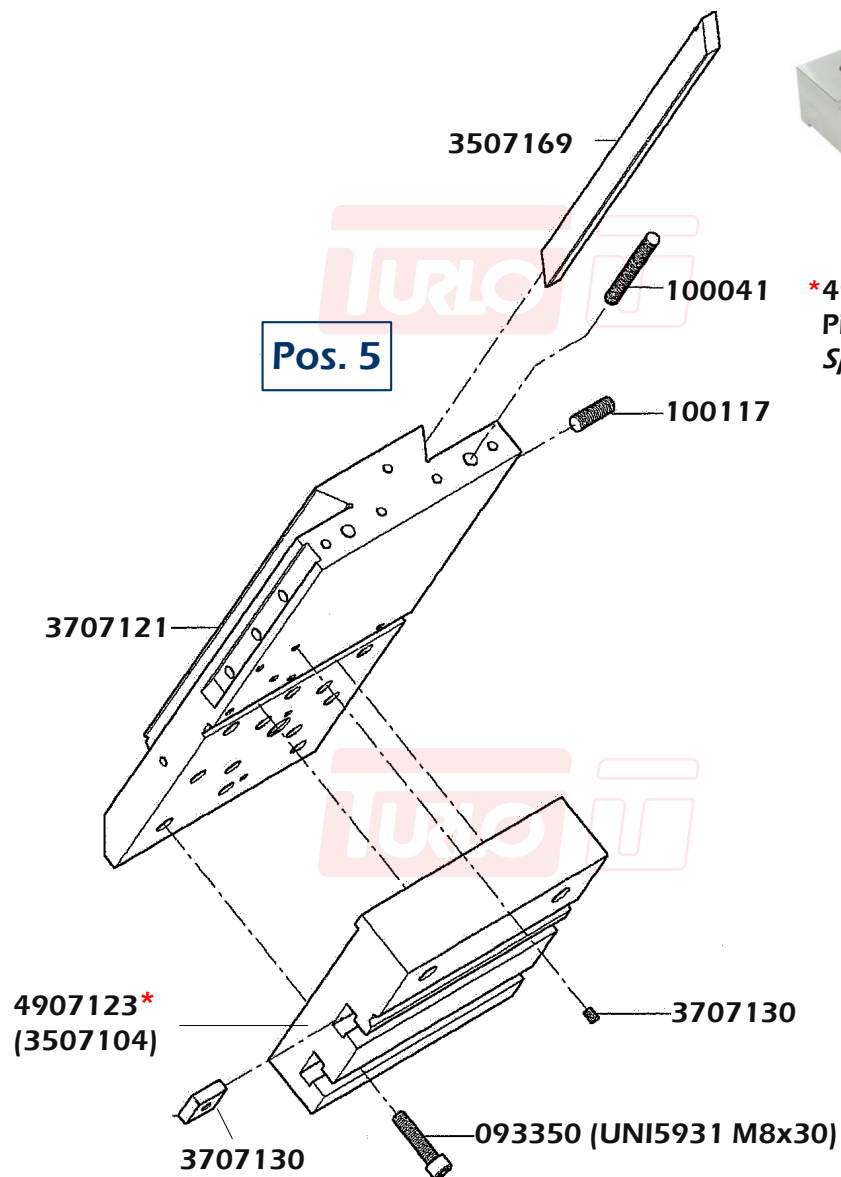




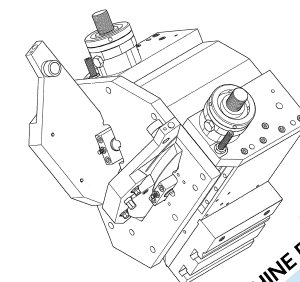
Pos. 4



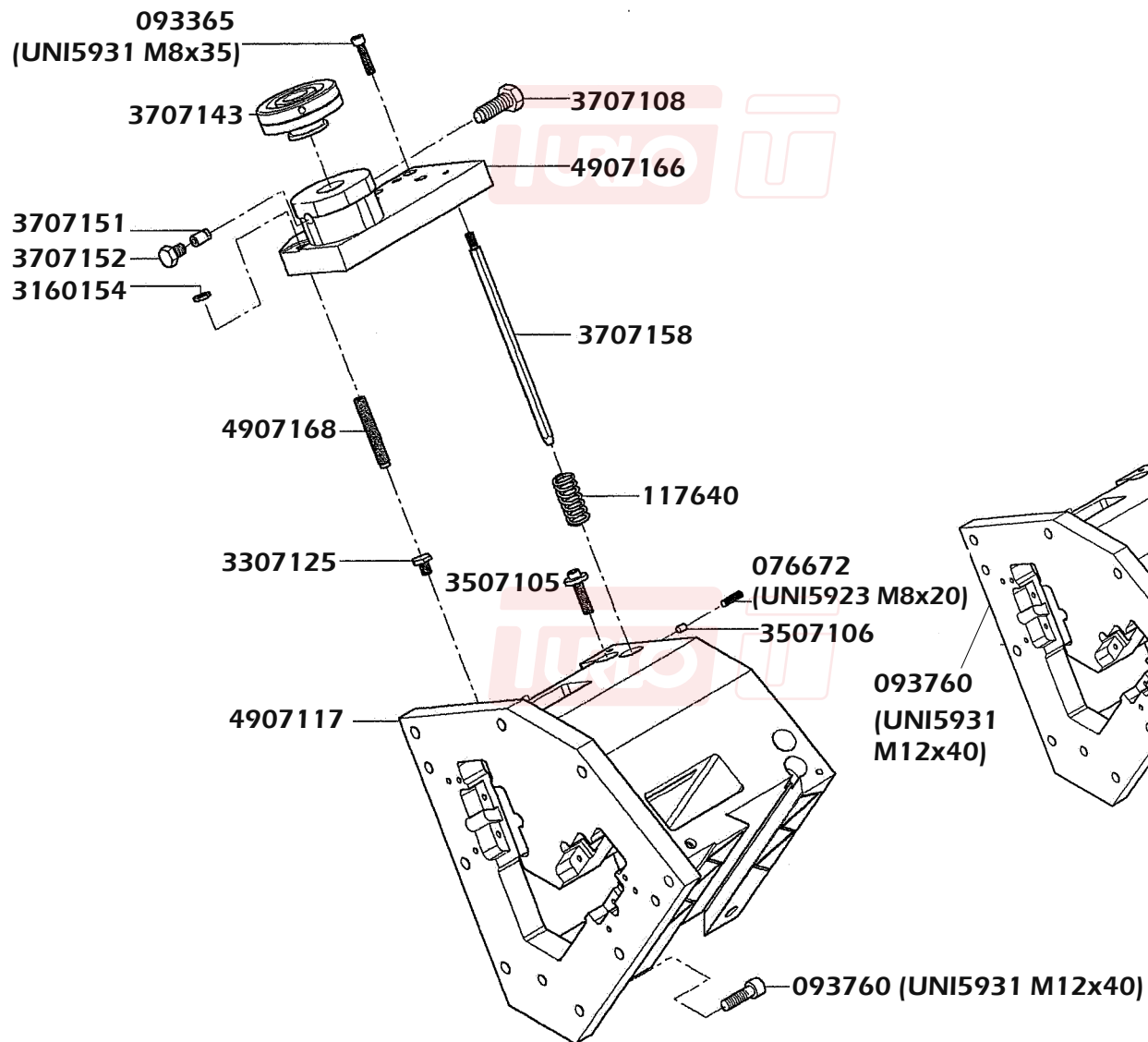
Pos. 5



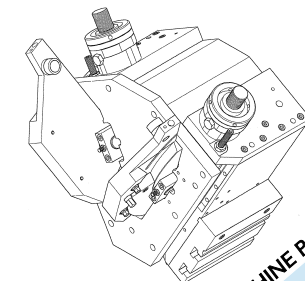
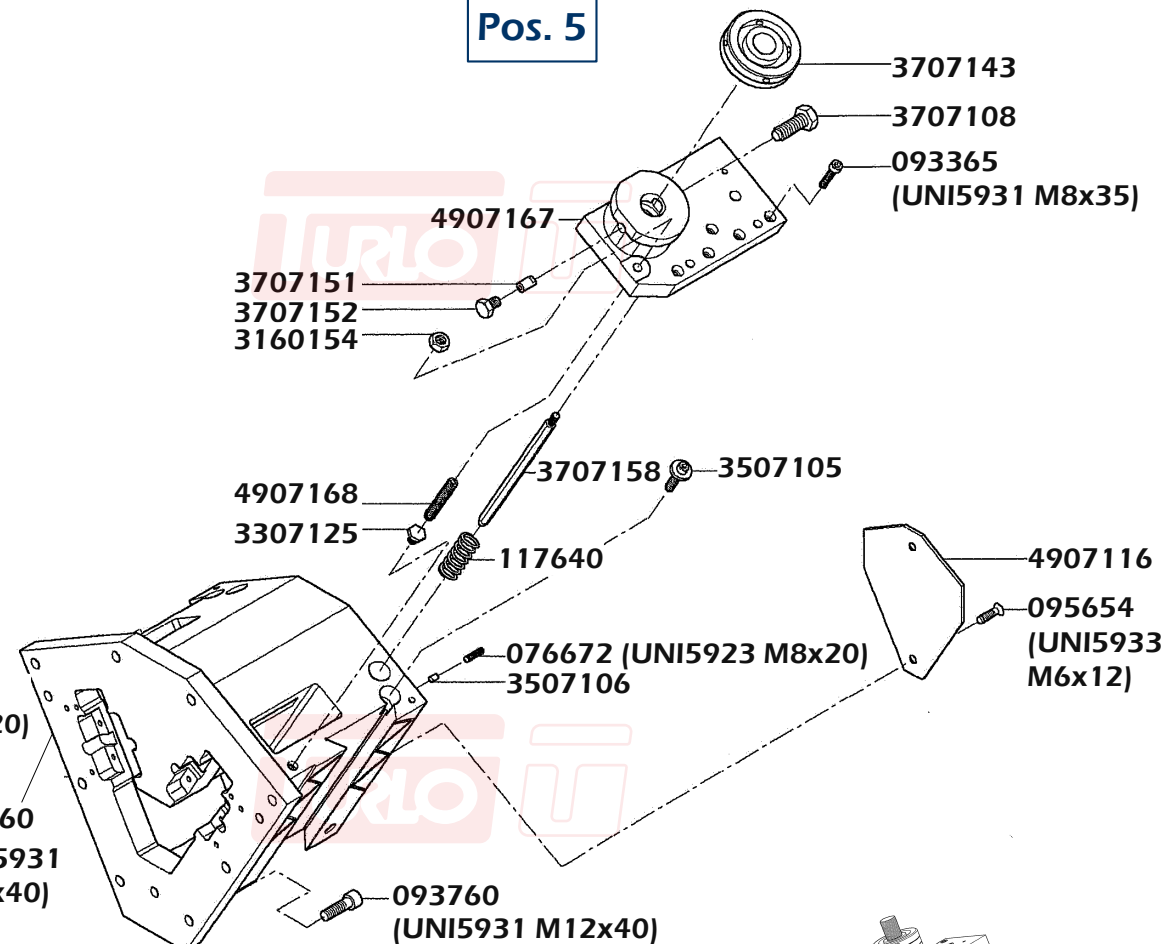
*4907143
Piastra speciale L=198
Special plate L=198

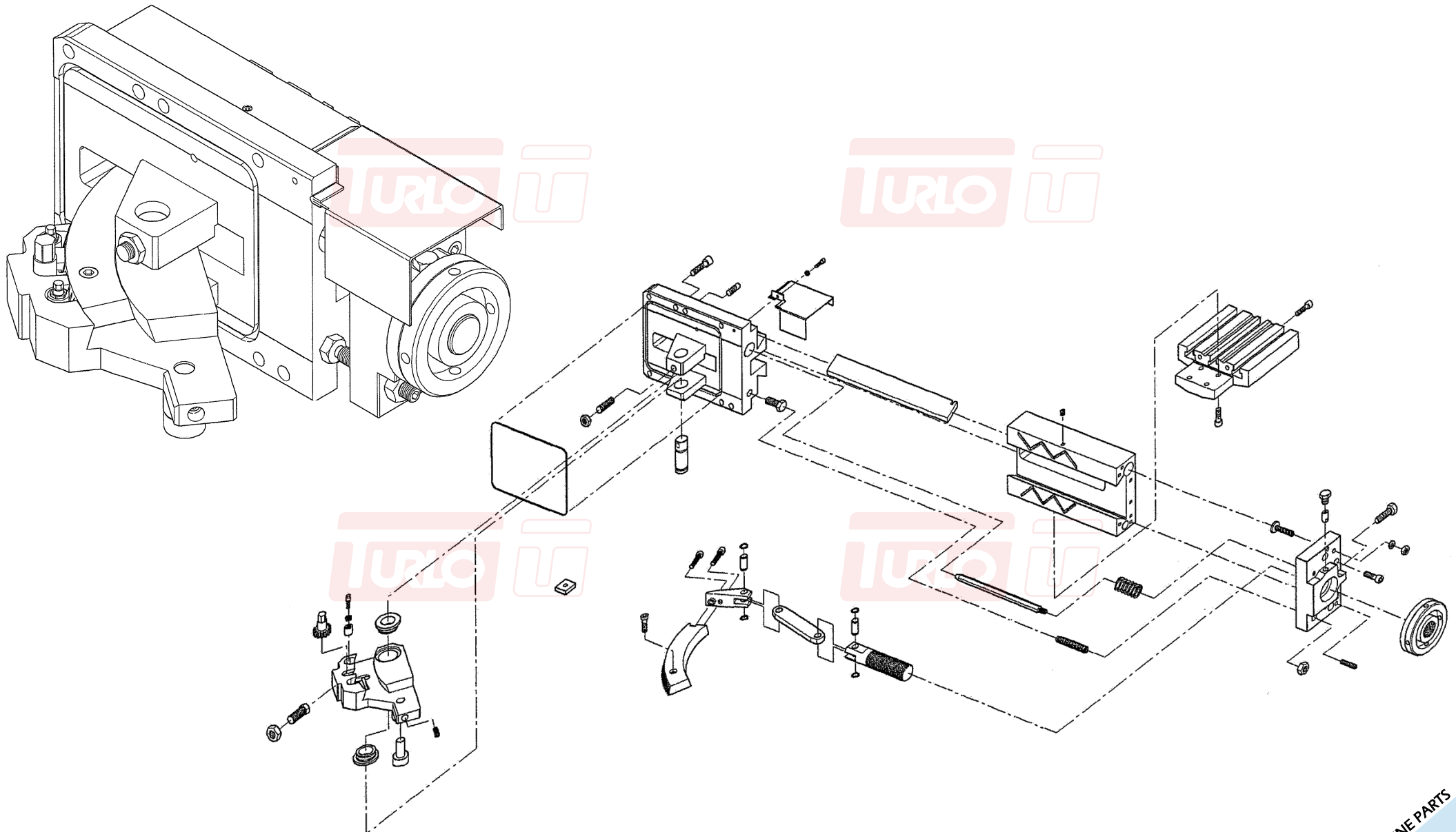


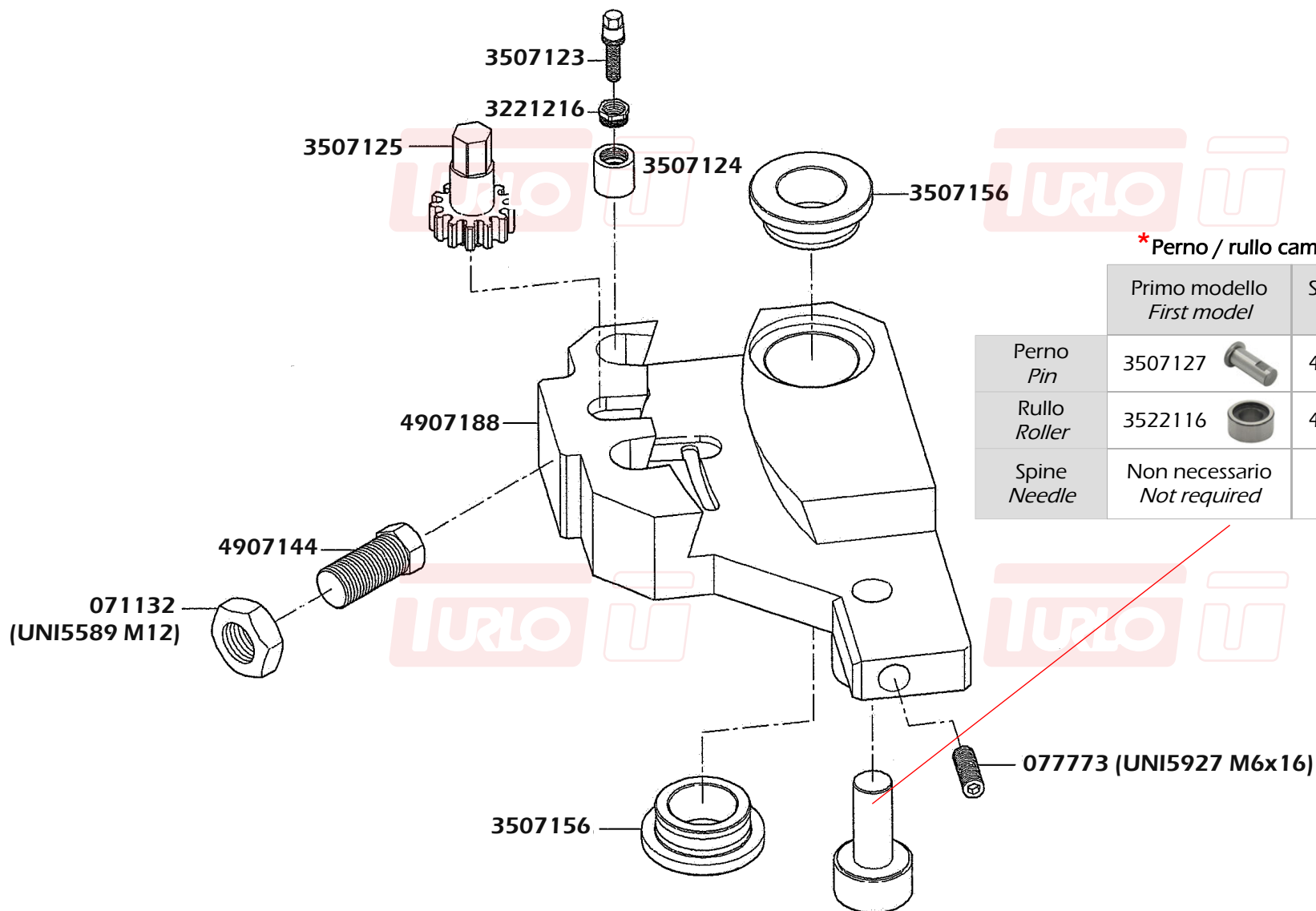
Pos. 4



Pos. 5

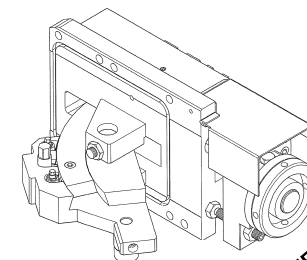


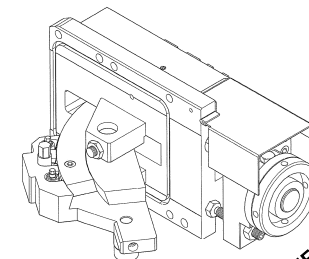
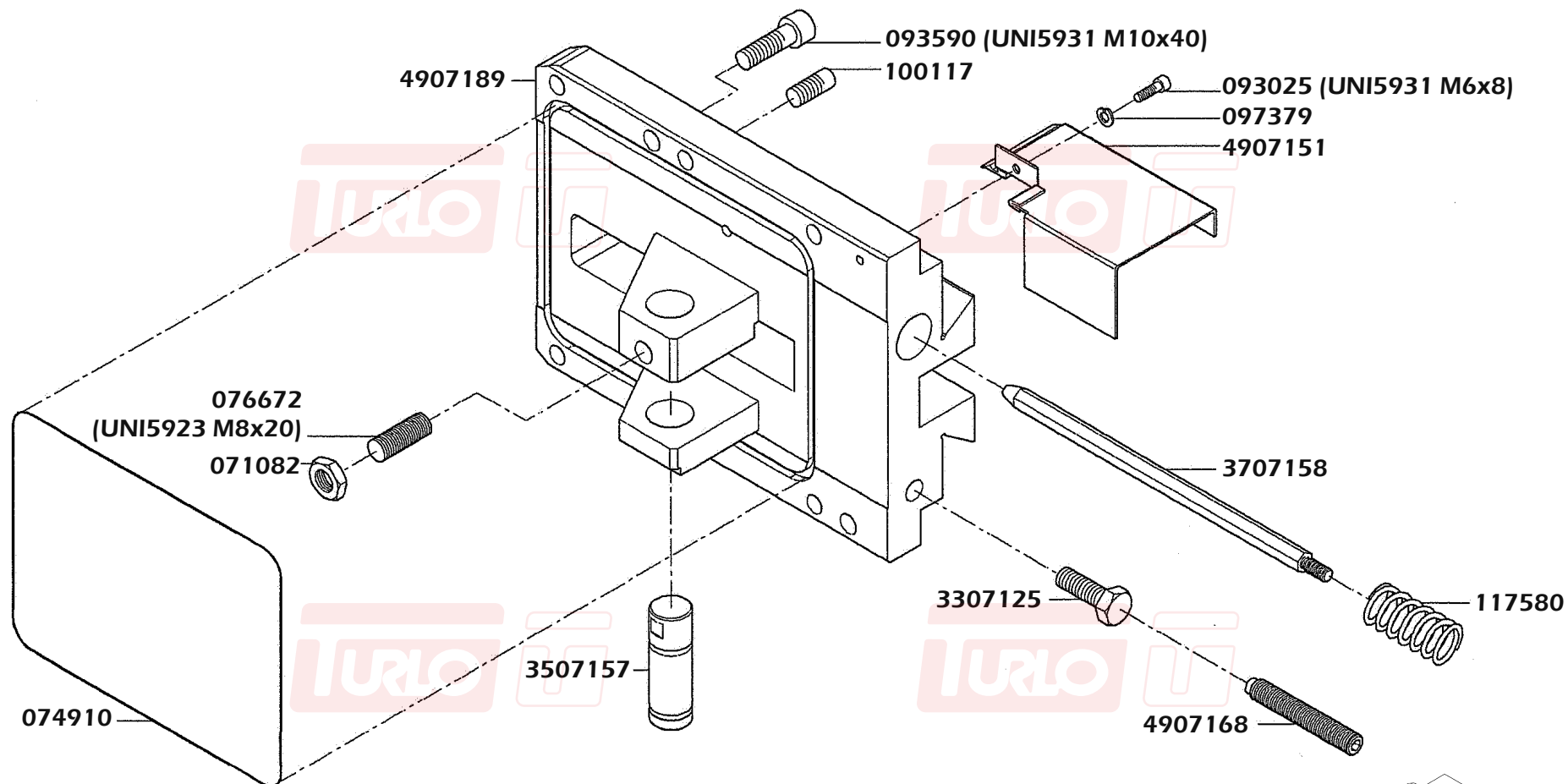


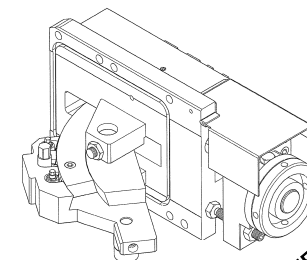
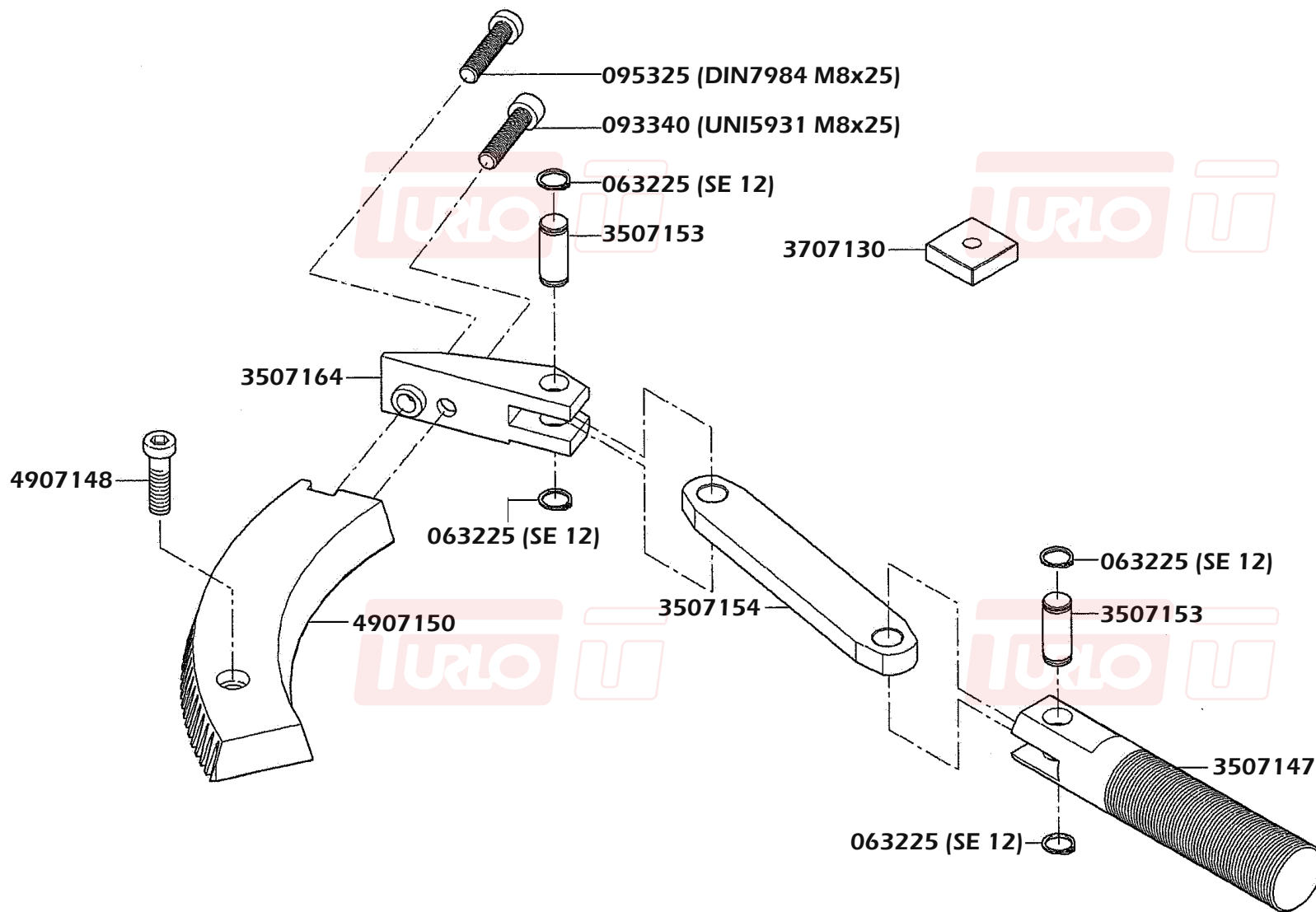


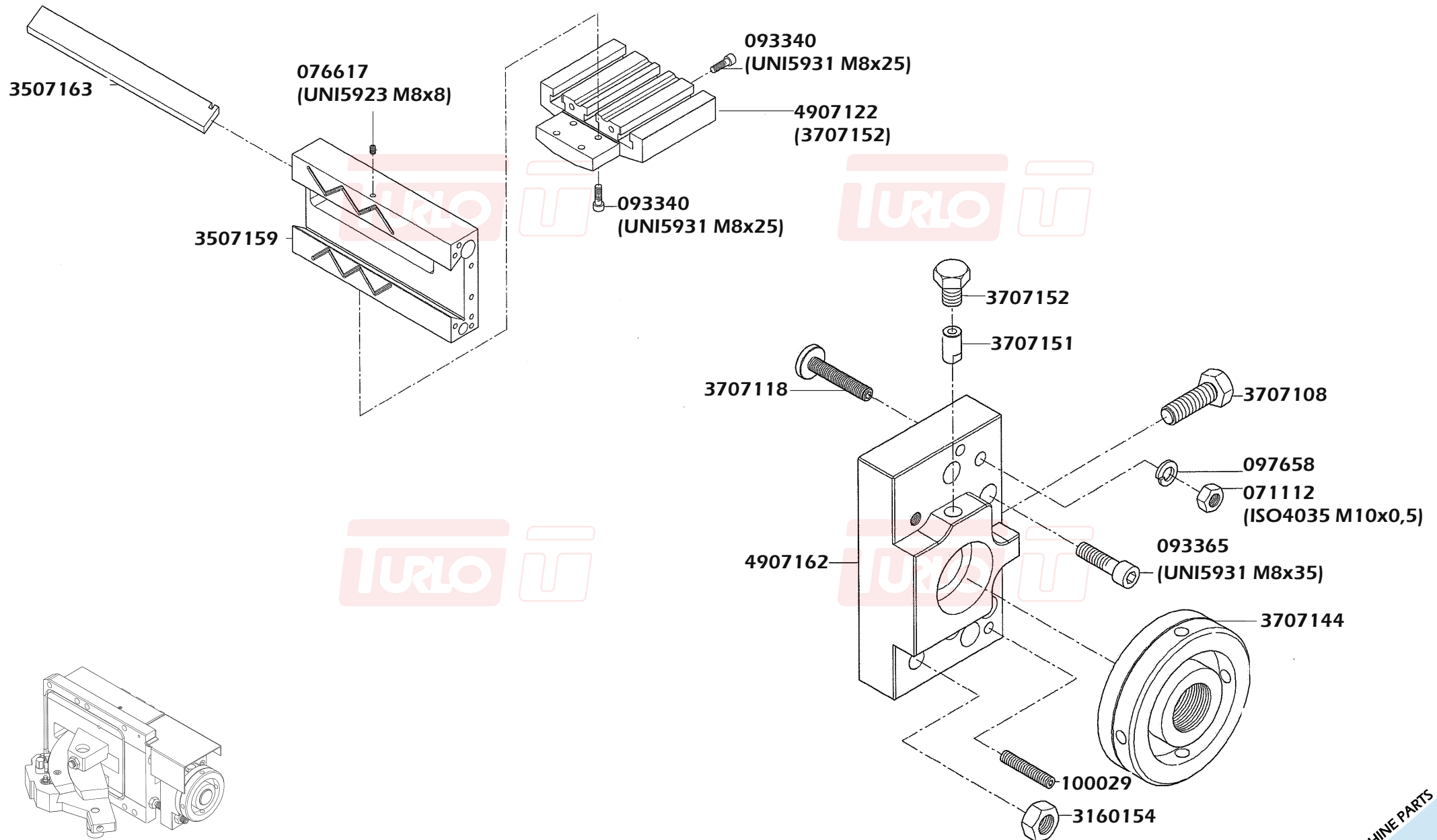
* Perno / rullo camme – Pin / cam roller

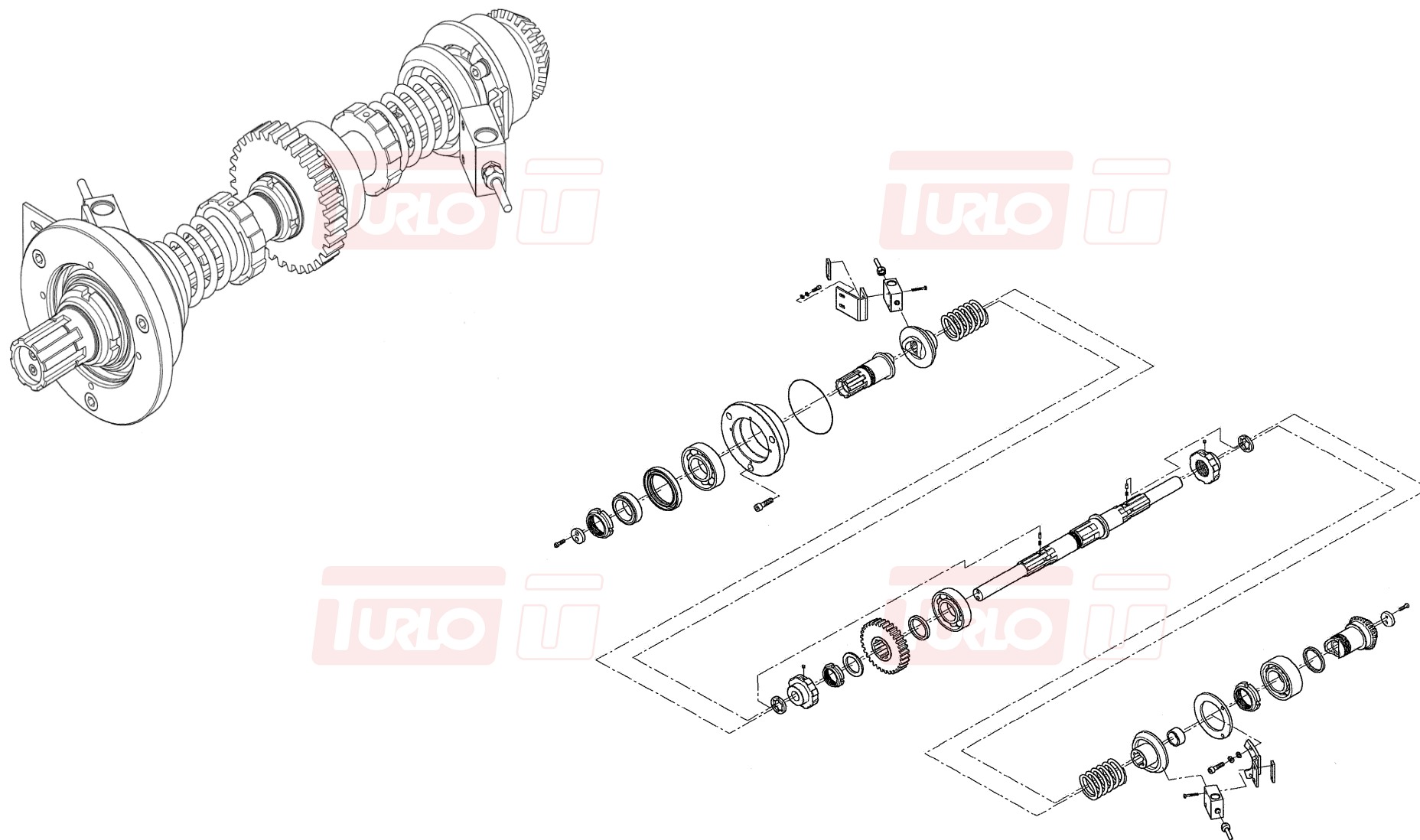
	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3507127	4907111	066792
Rullo Roller	3522116	4907112	
Spine Needle	Non necessario Not required	106440 (27x)	Include Included

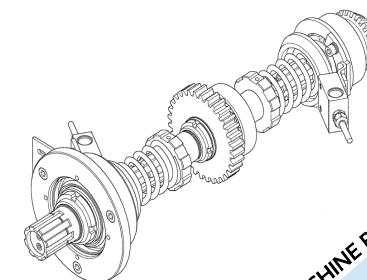
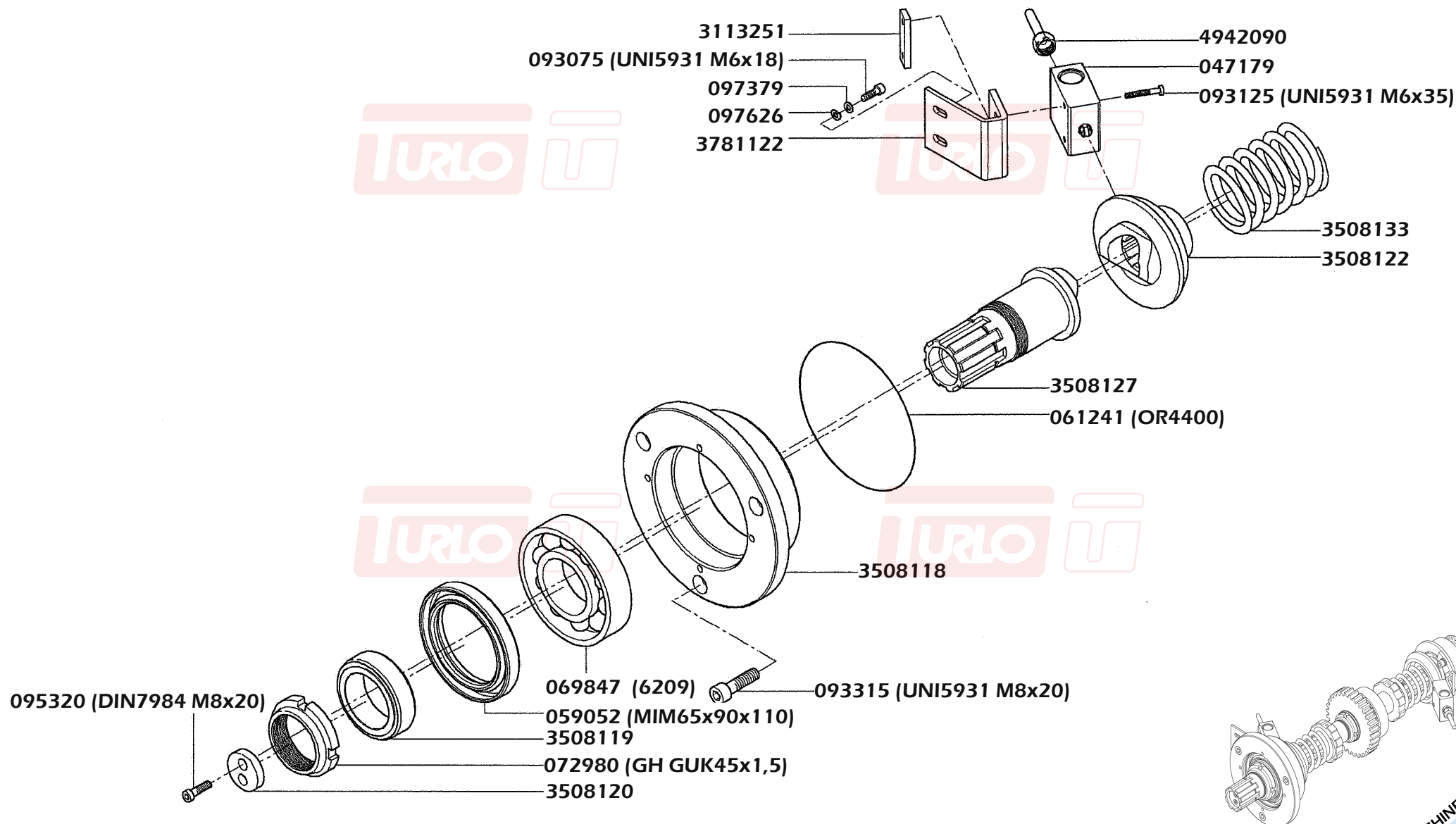


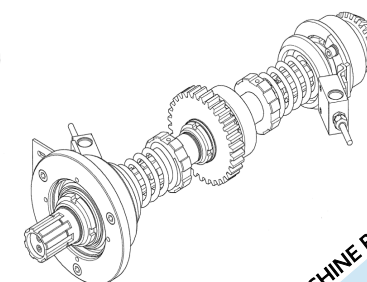
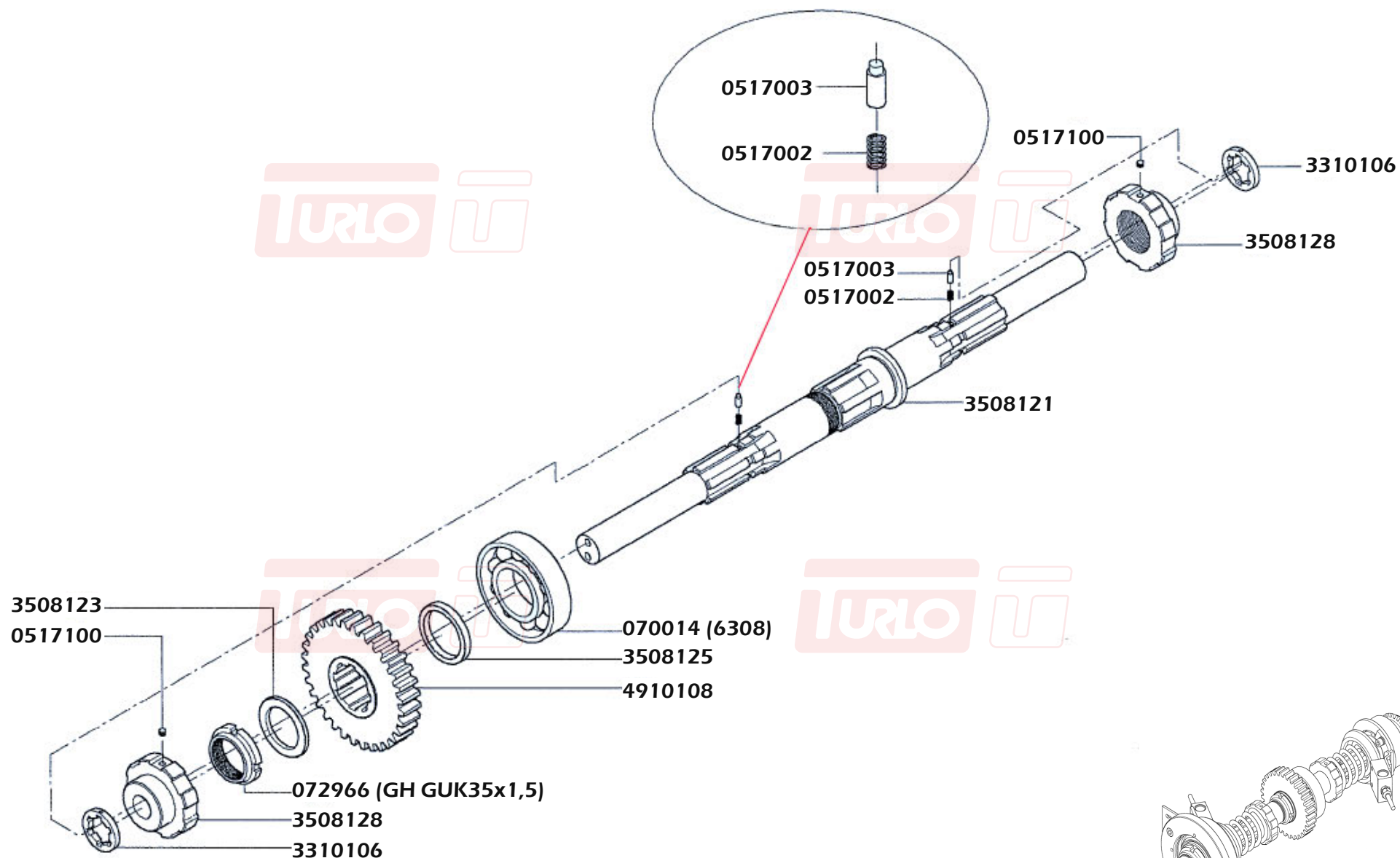


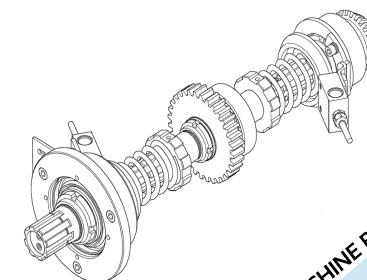
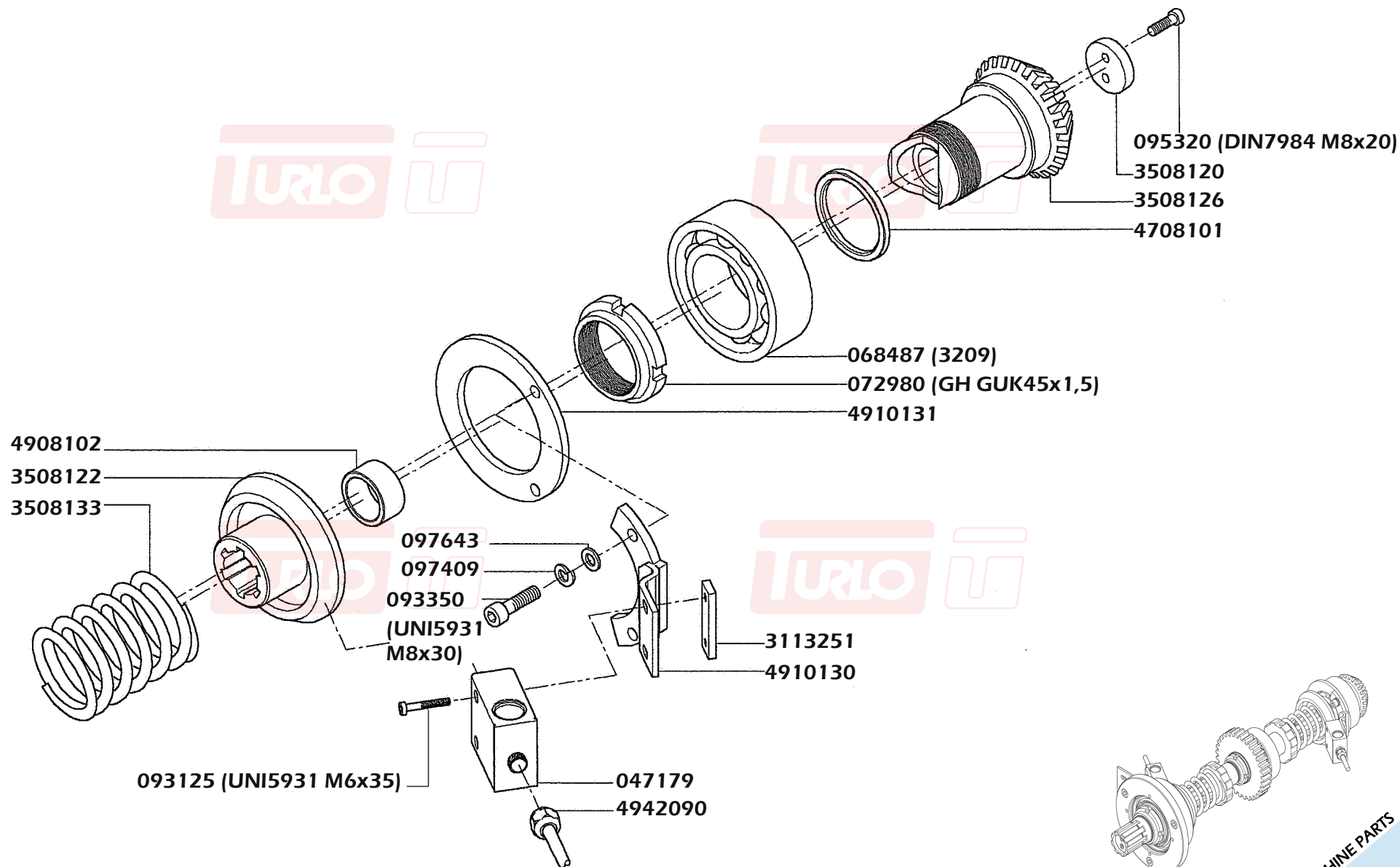


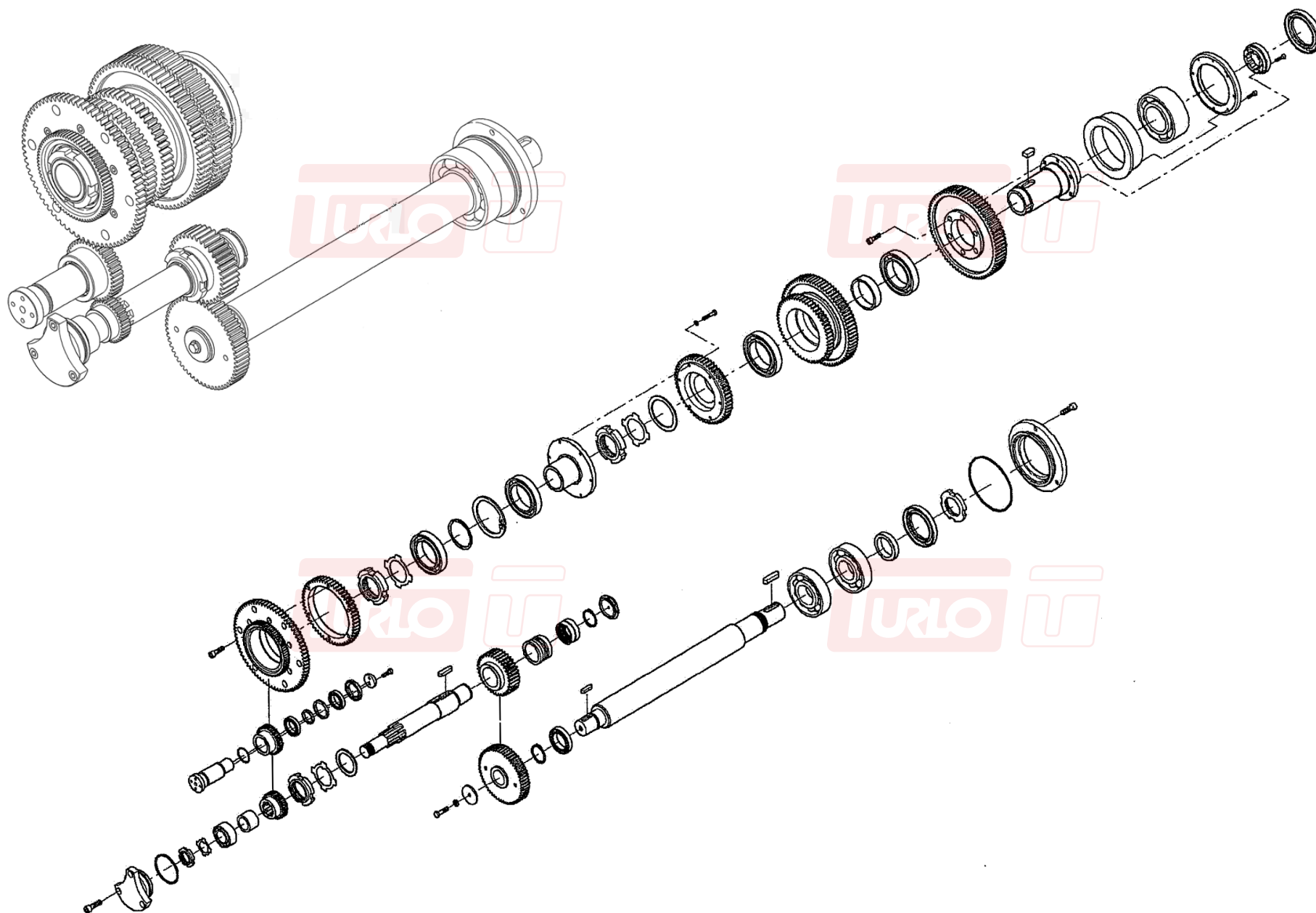












4920103

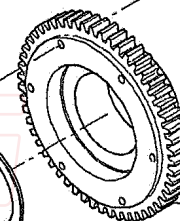
Estrattore anelli WR

WR ring removal tool



094511 (UNI5739 M6x35)

097379



4910162

3510178

106375

073176 (GH65x2 KM13)

4910161

069328 (6013)

064200 (SI 100)

3510177

069328 (6013)

106375

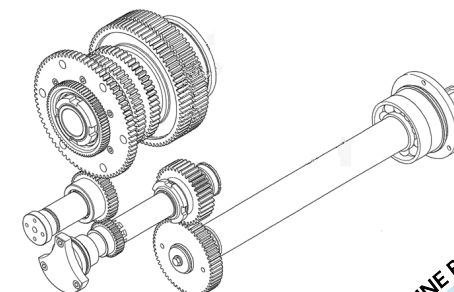
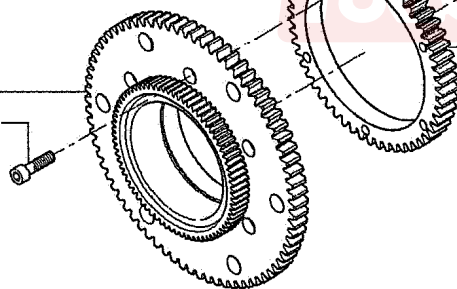
073176 (GH65x2 KM13)

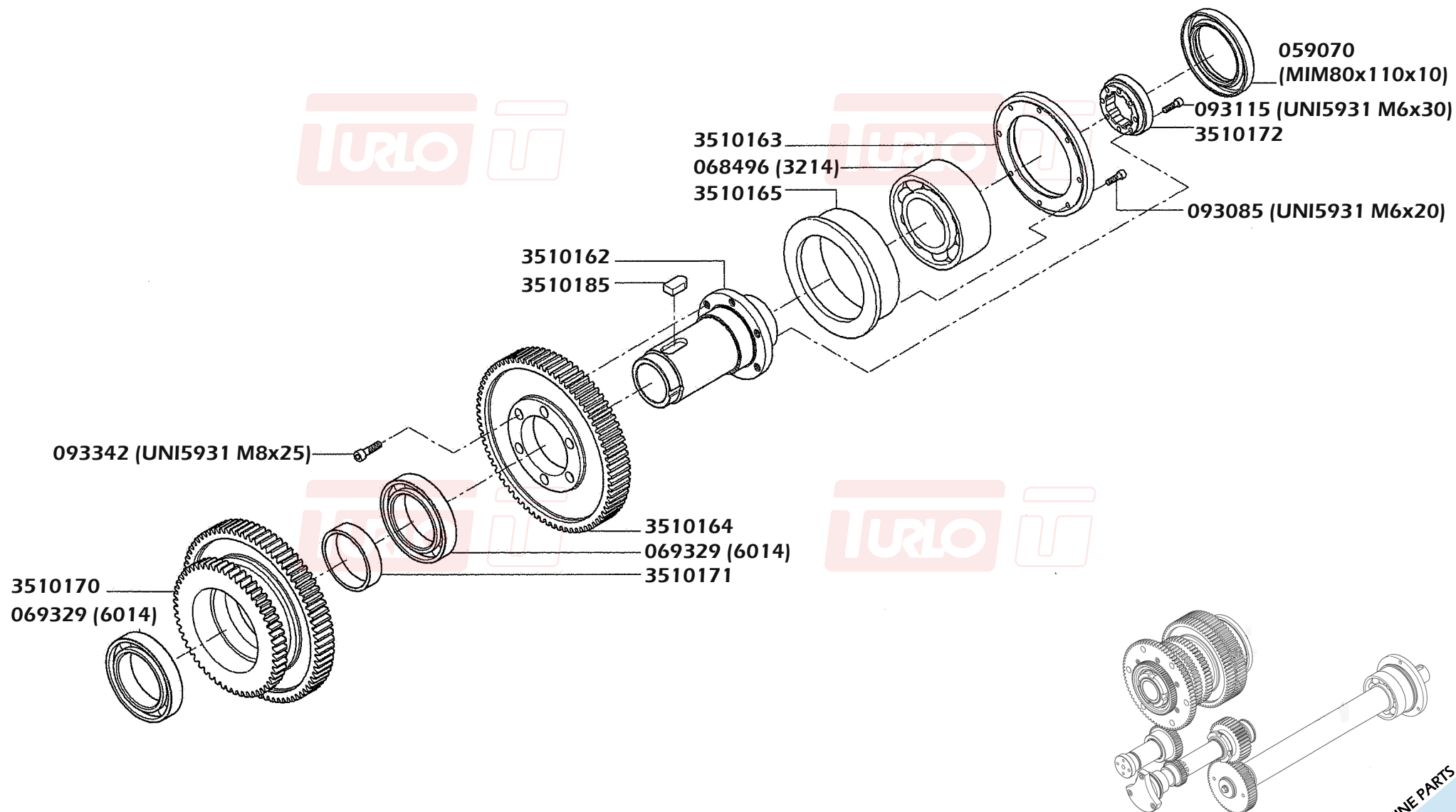
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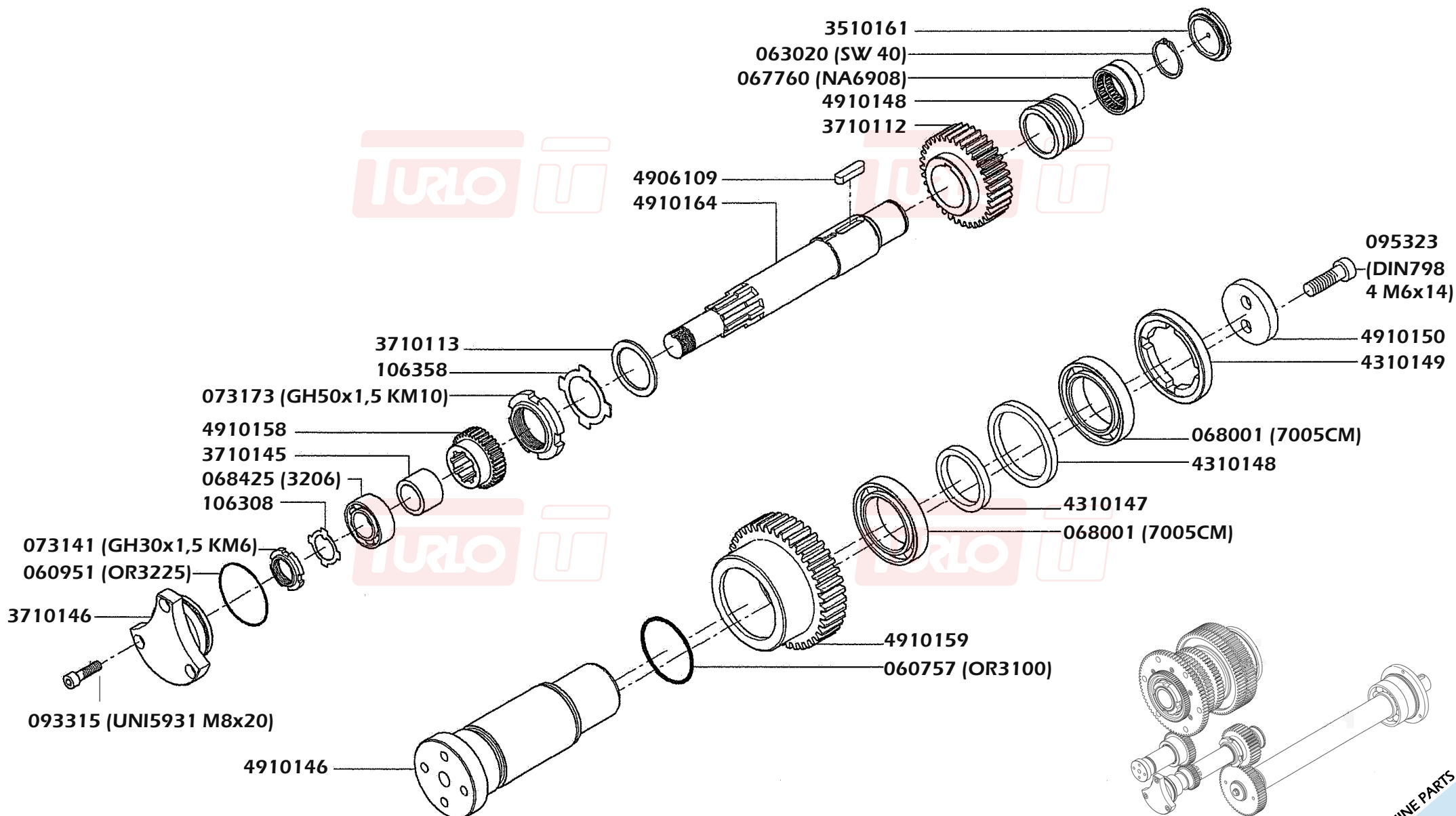
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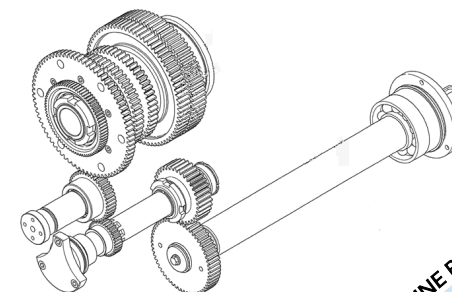
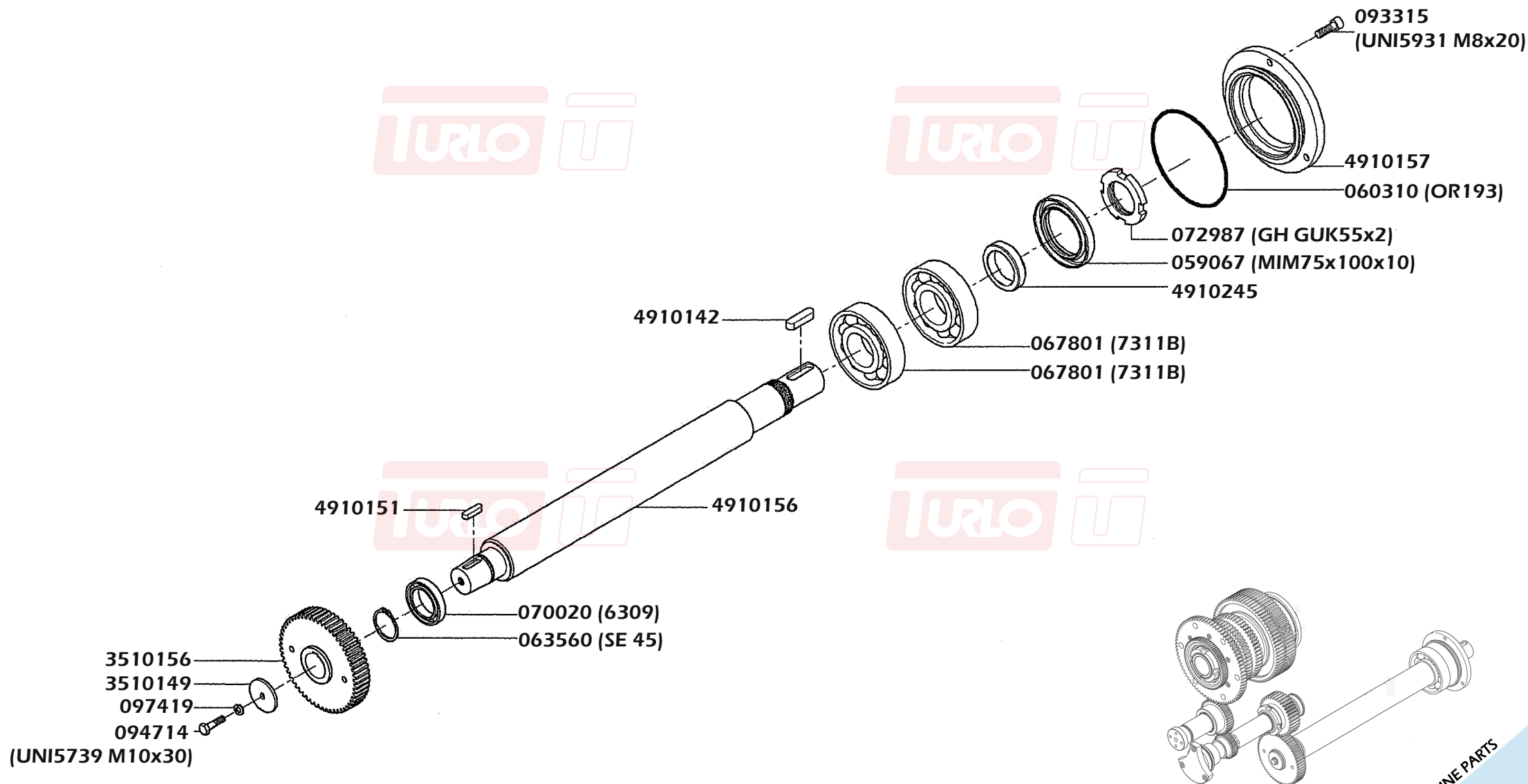
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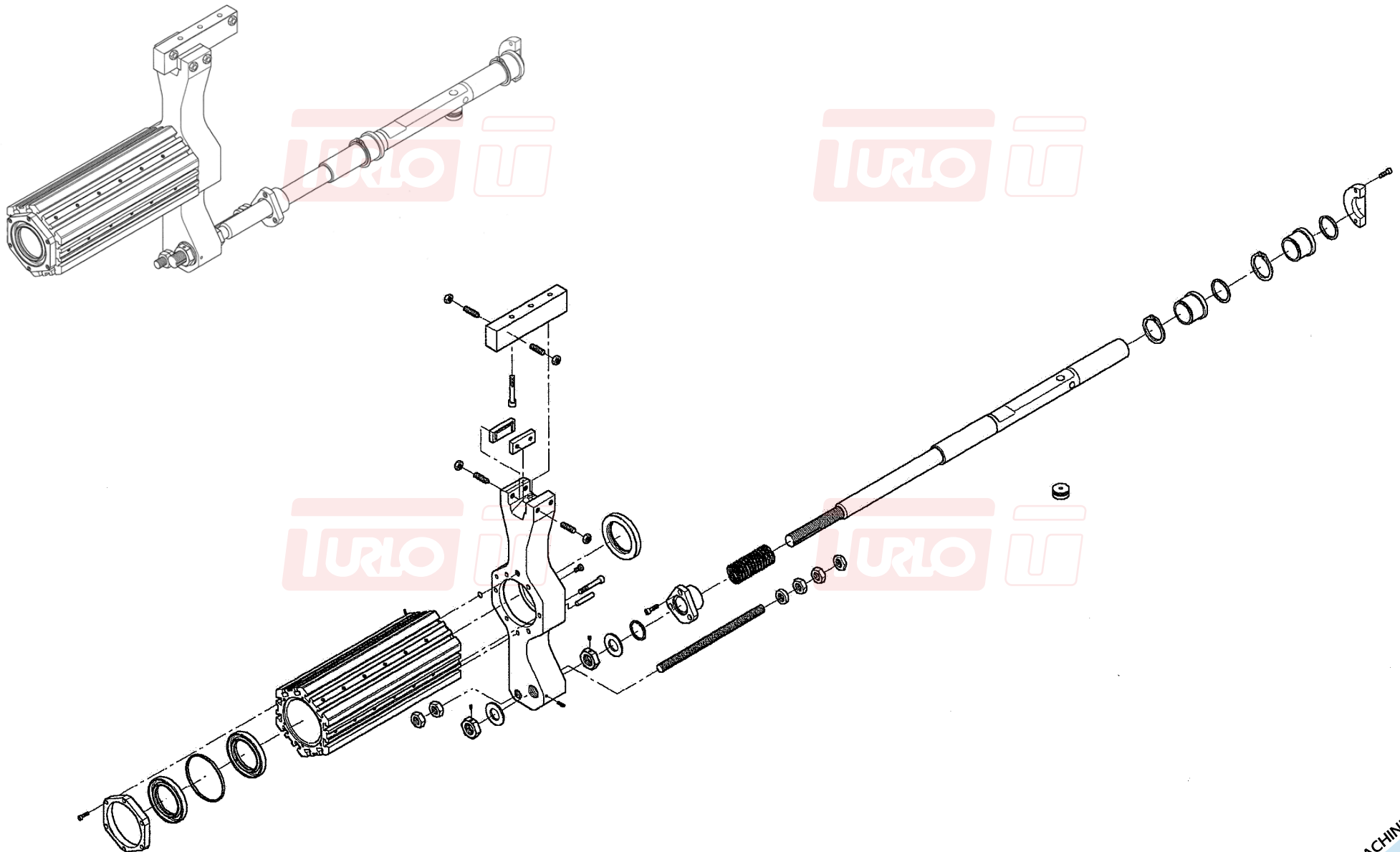
(UNI5931 M8x25)

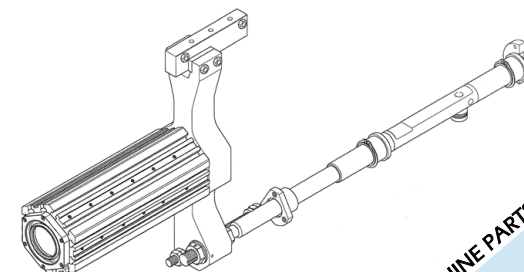
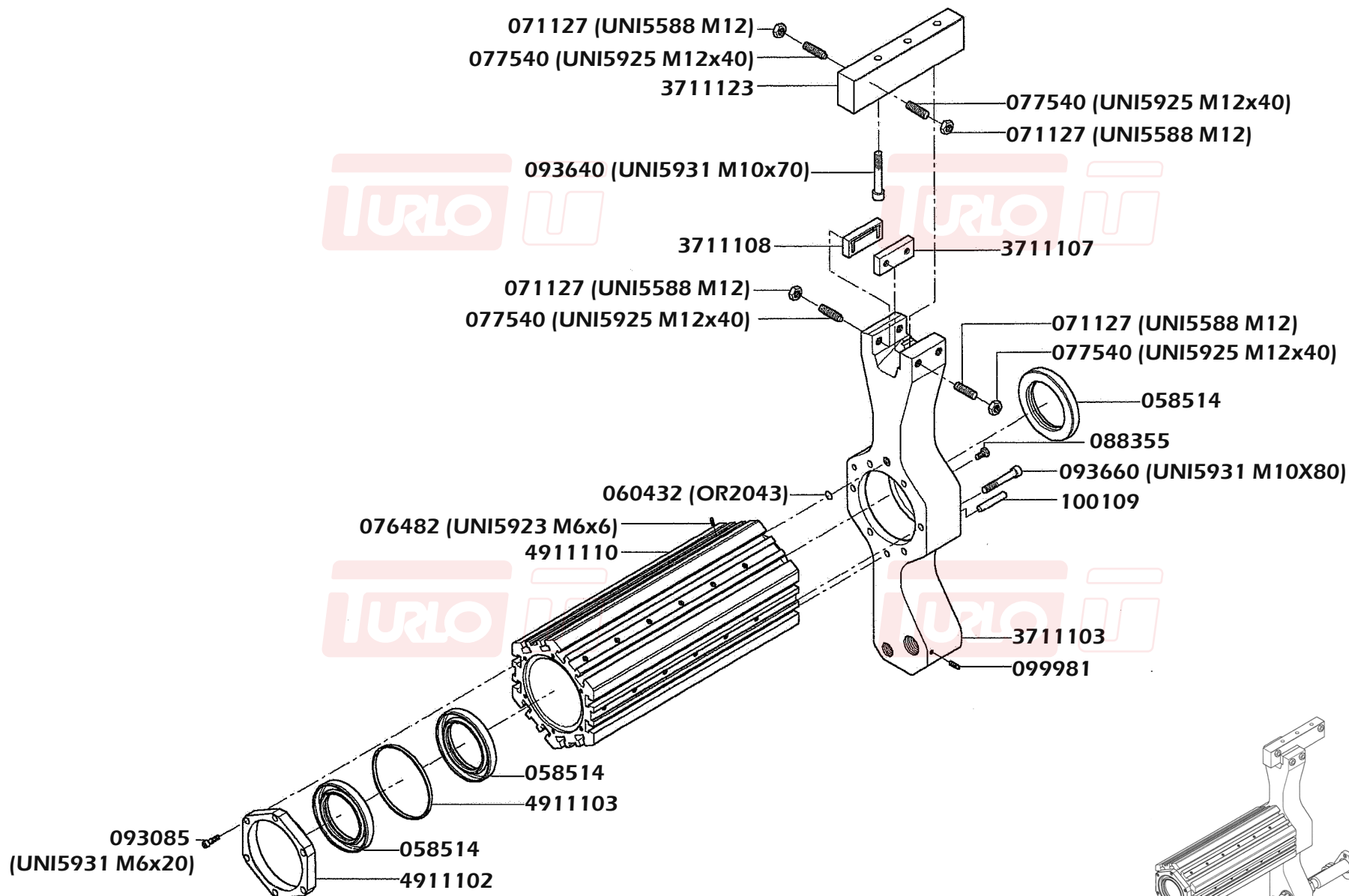


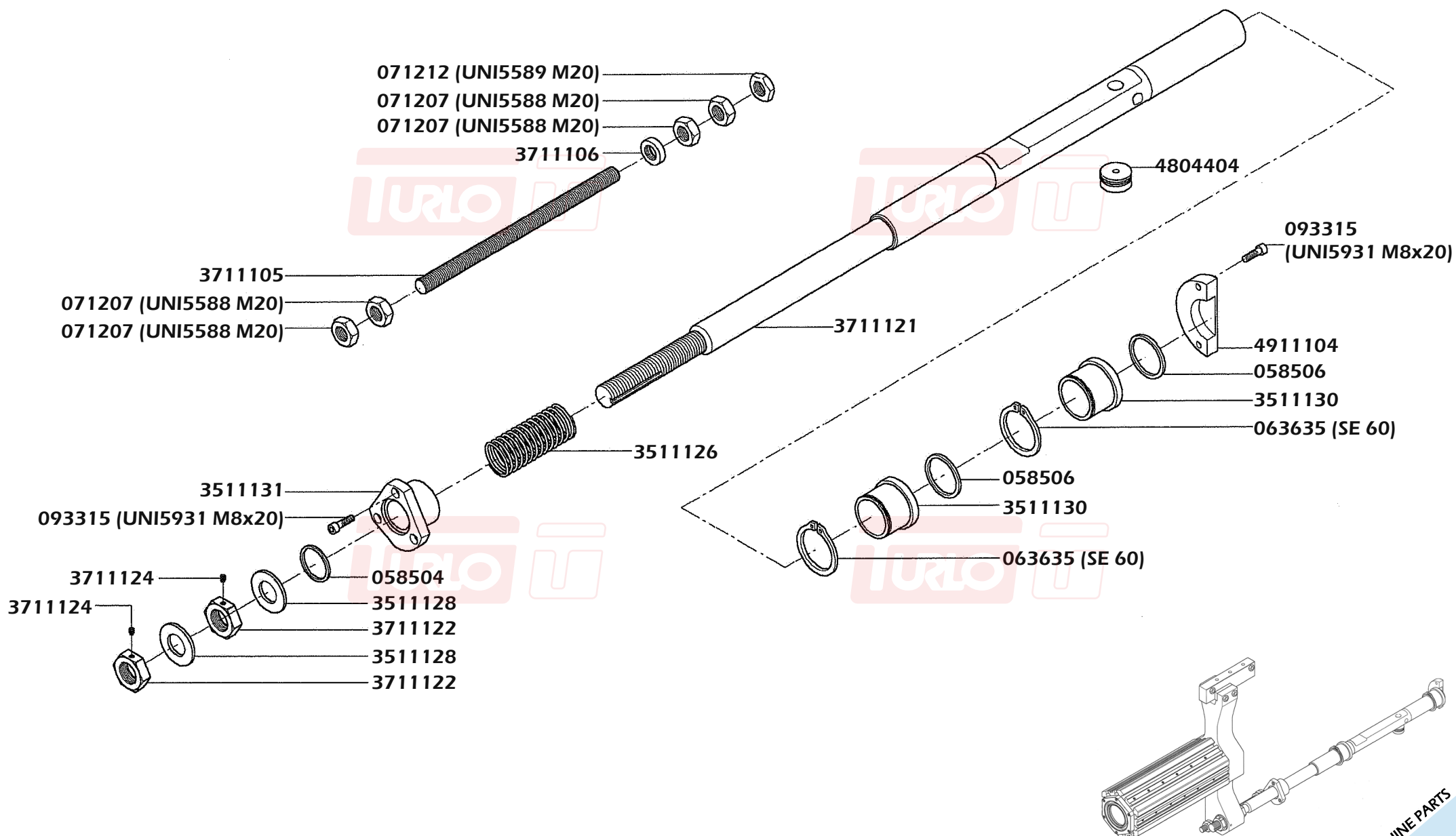


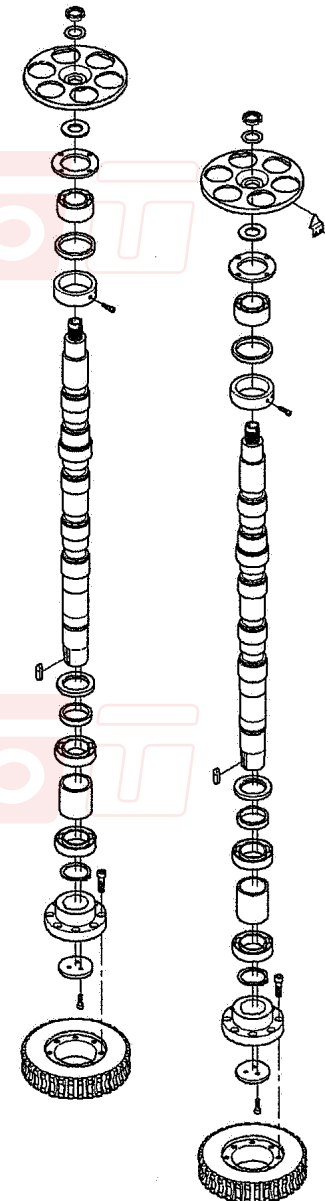
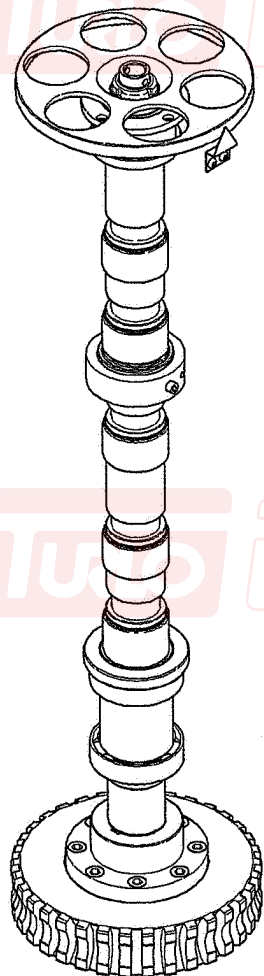
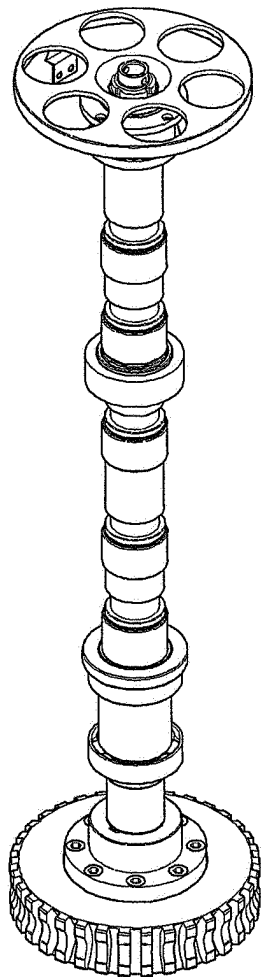


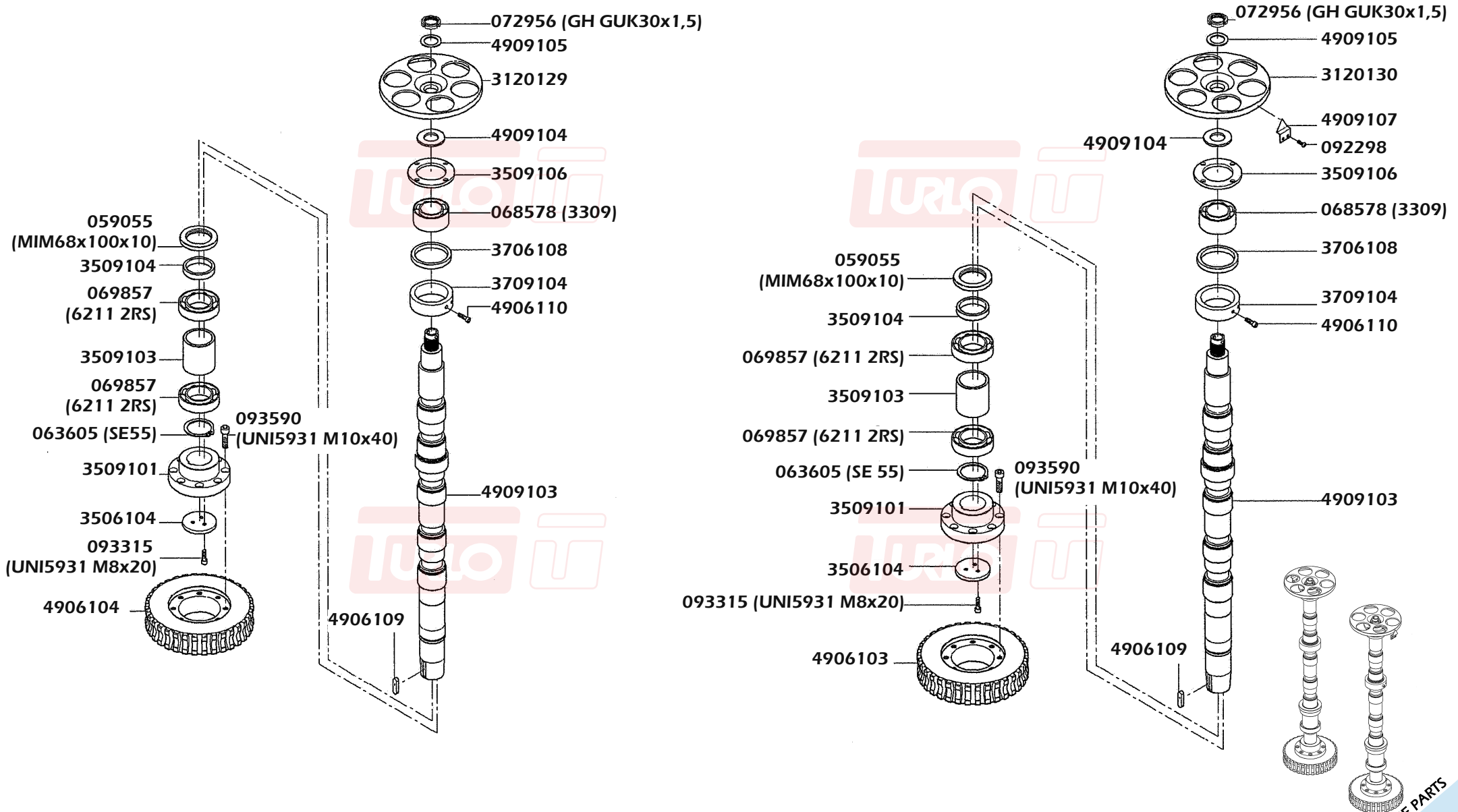


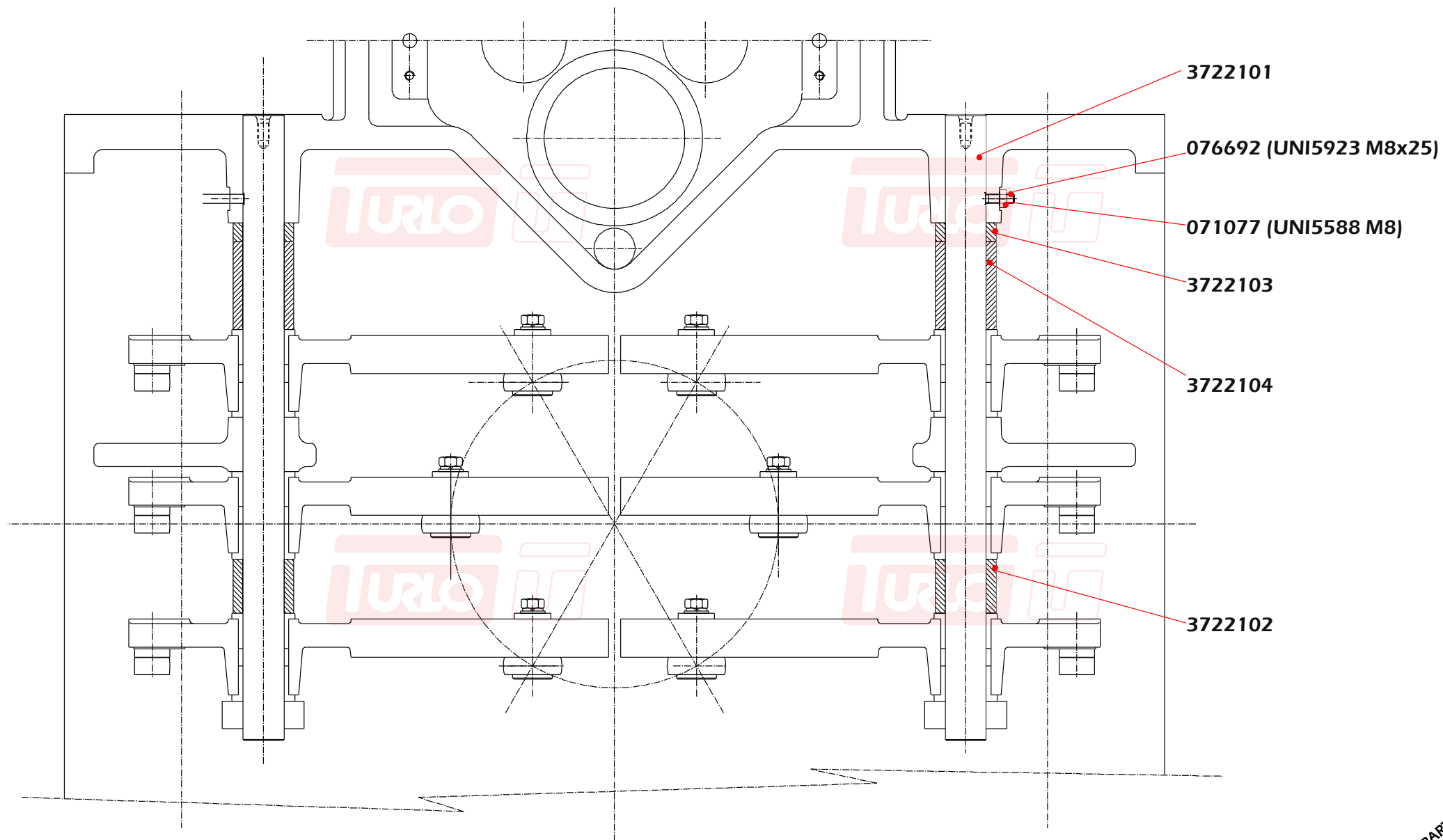


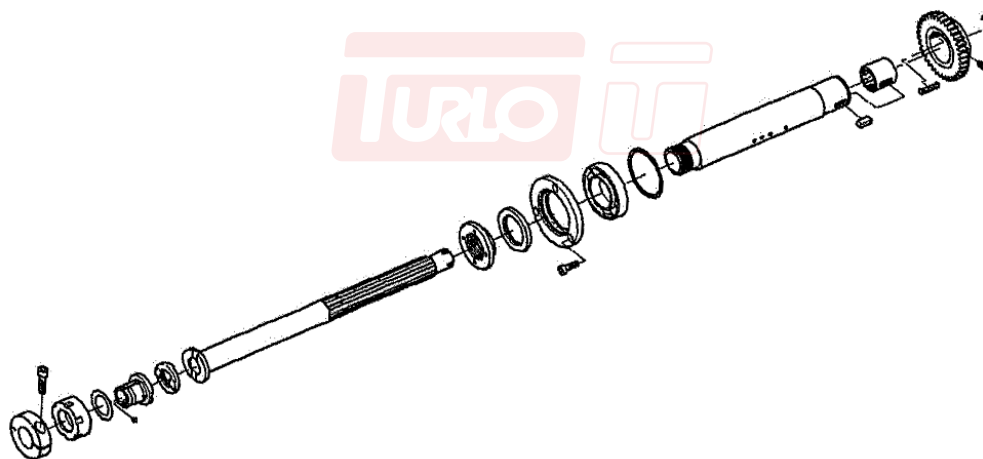
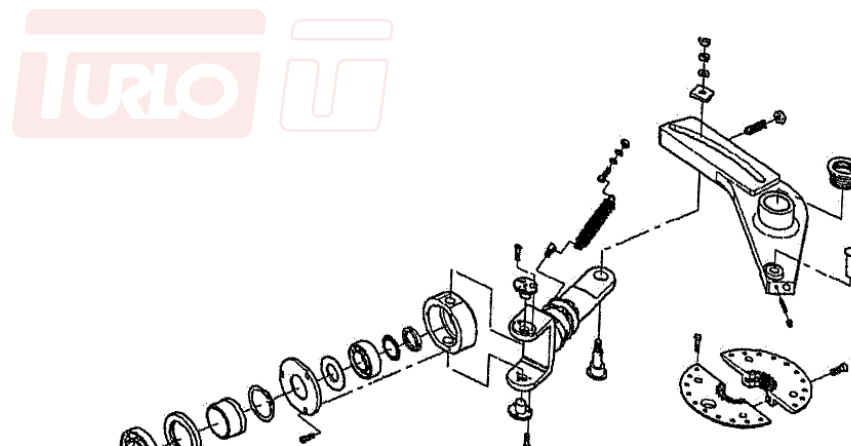
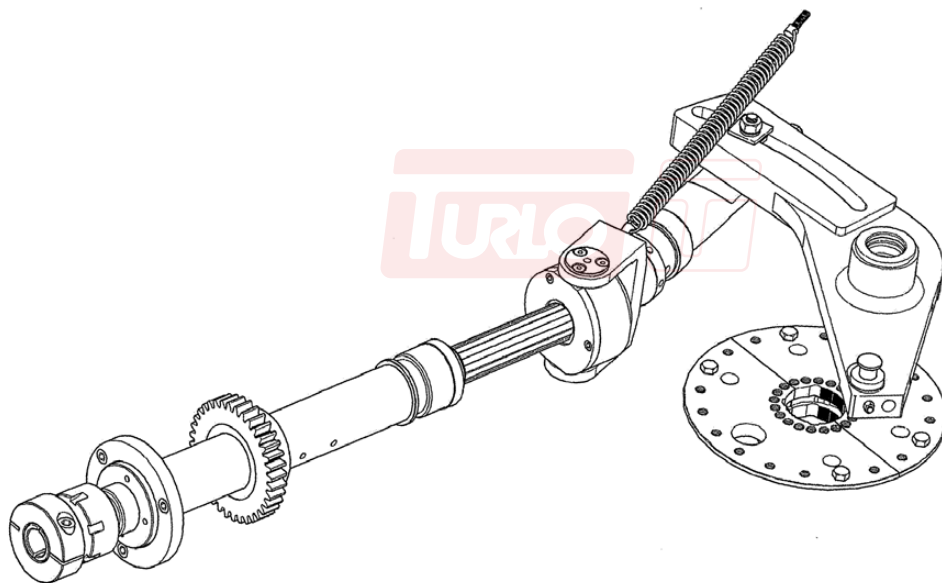


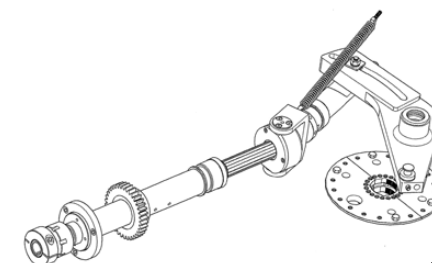
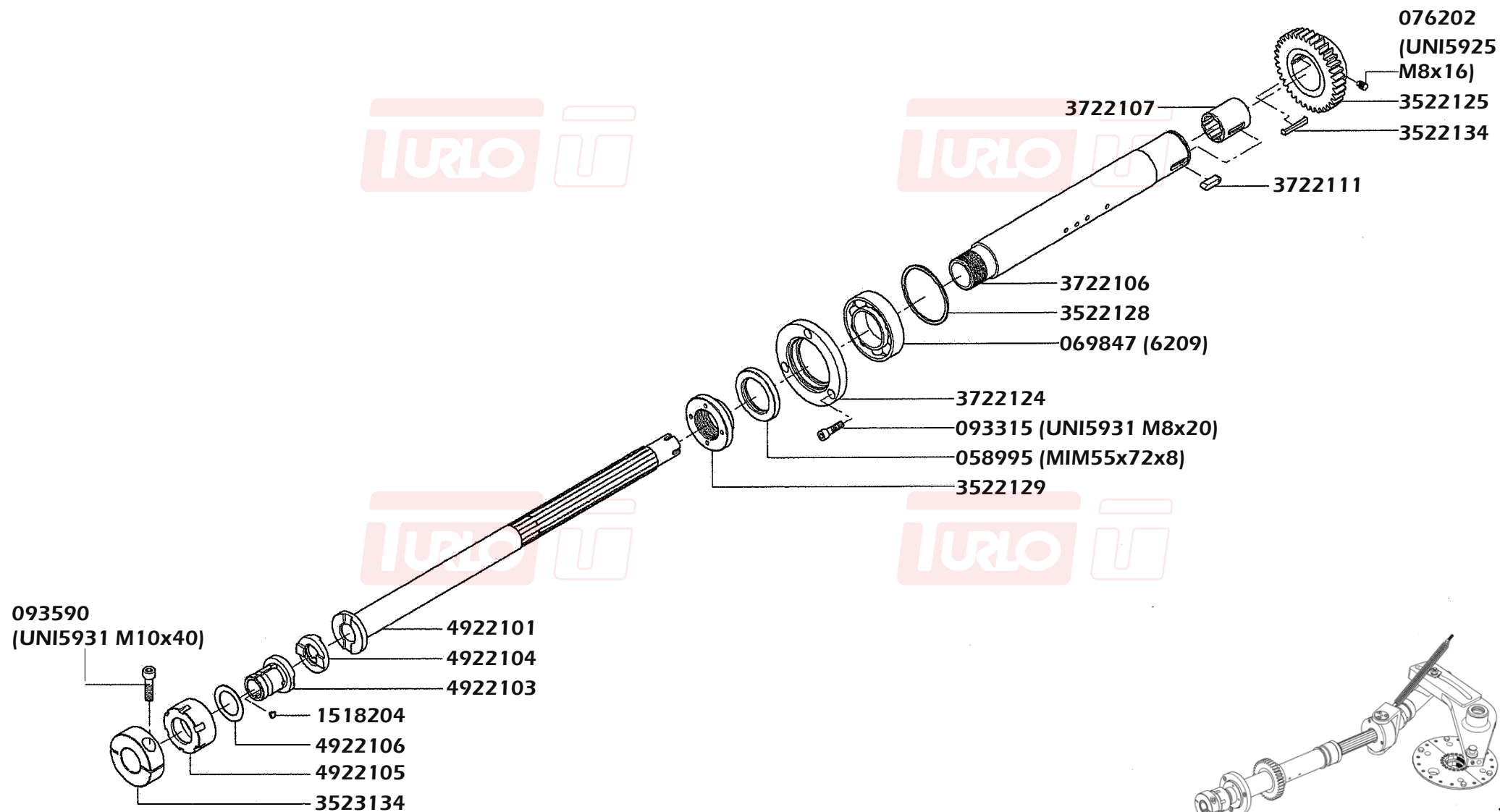


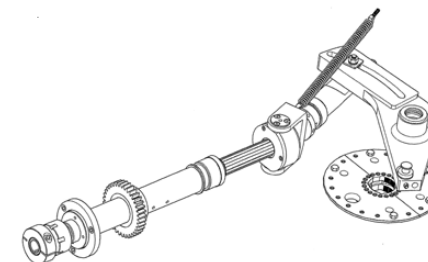
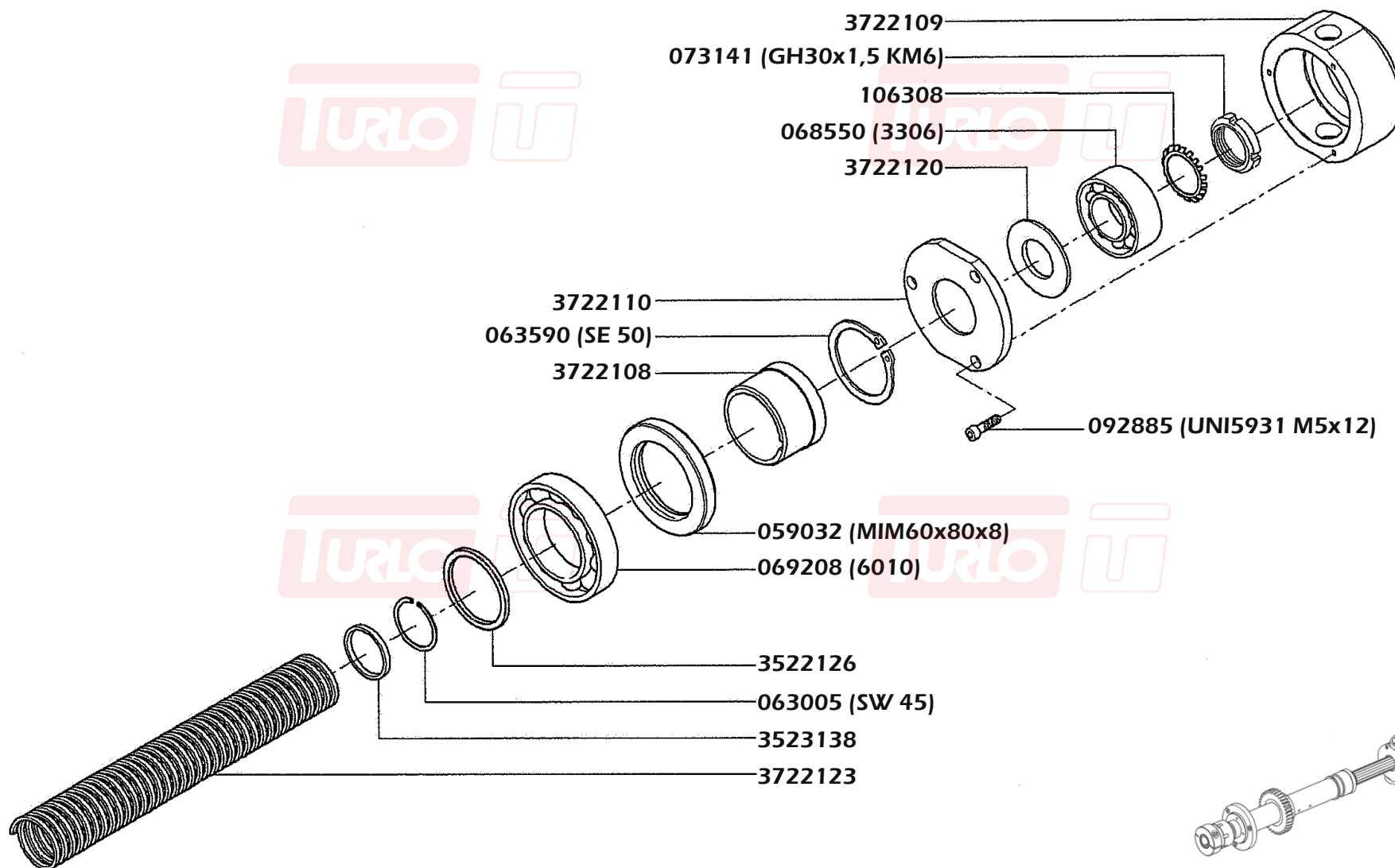


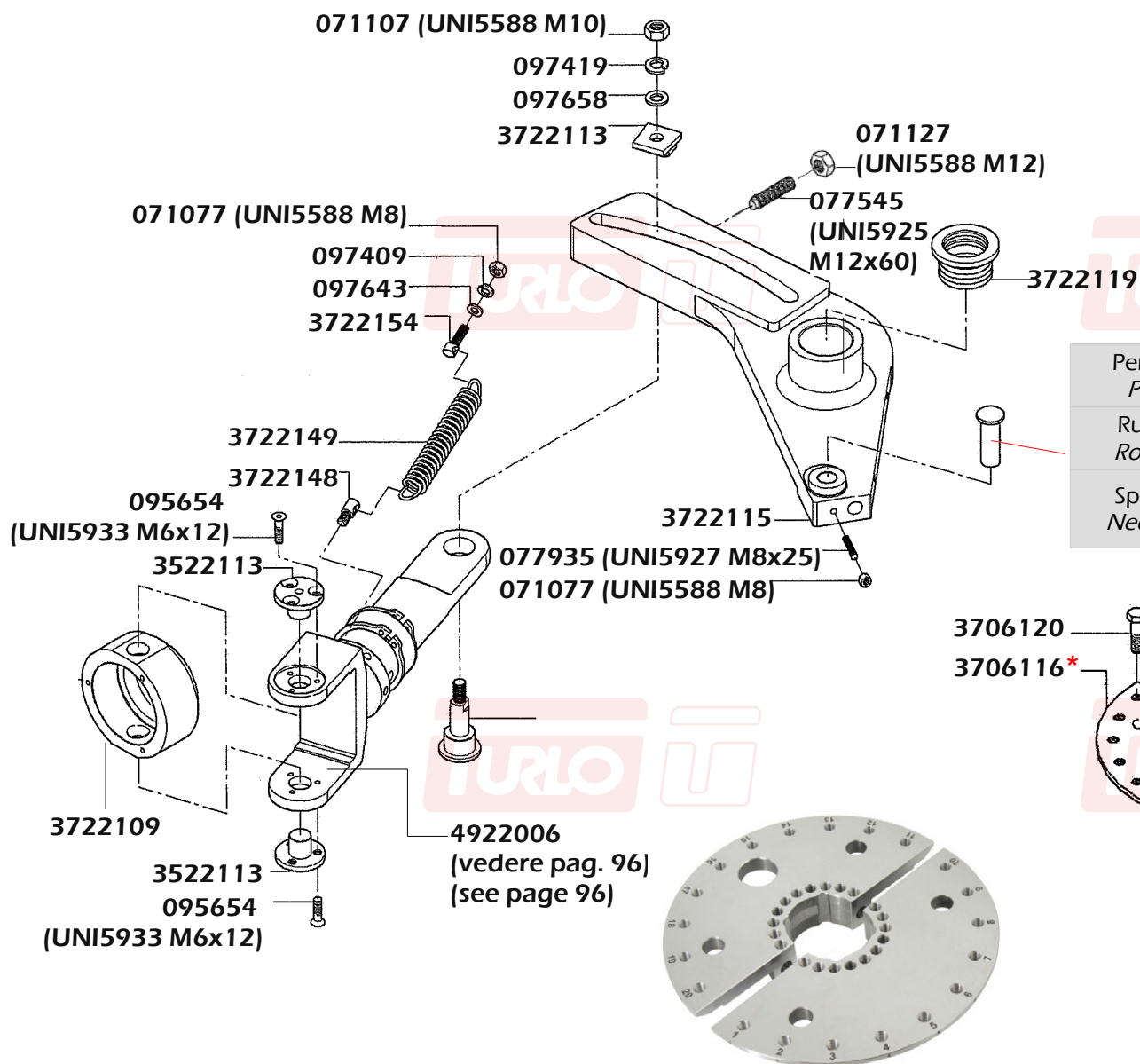








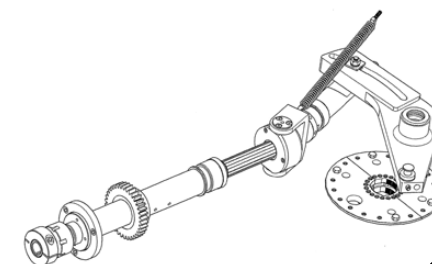


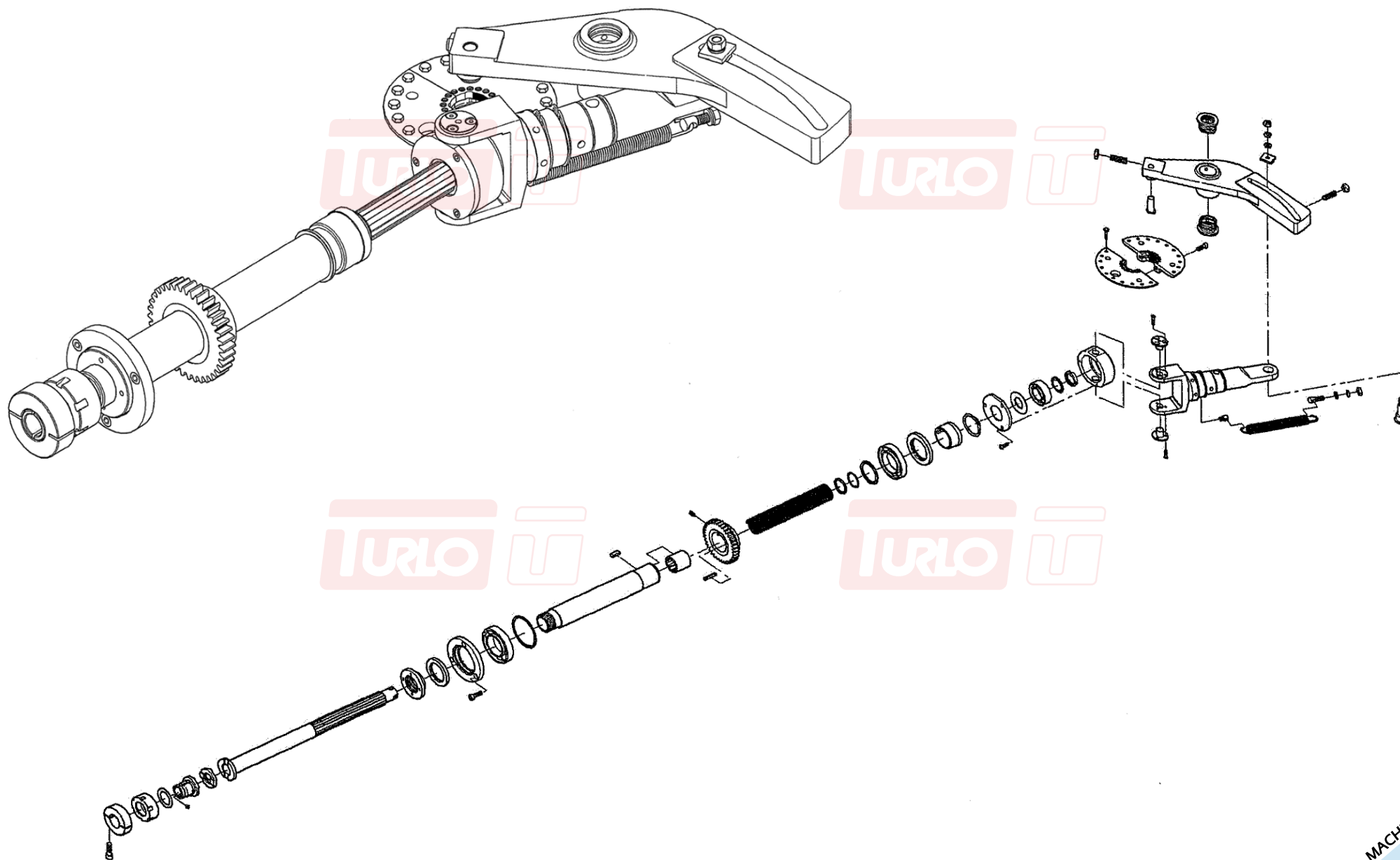


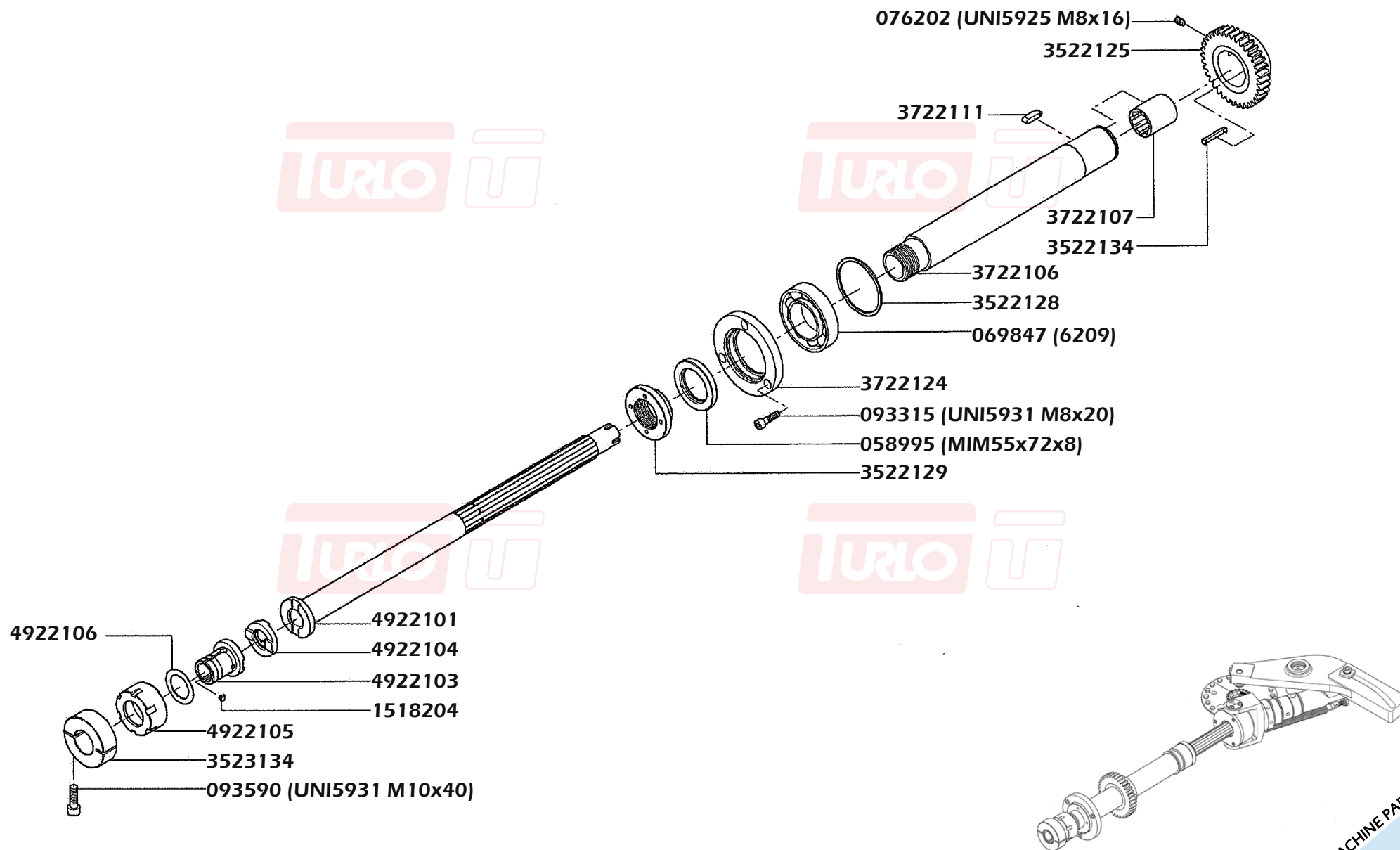
*Perno / rullo camme – Pin / cam roller

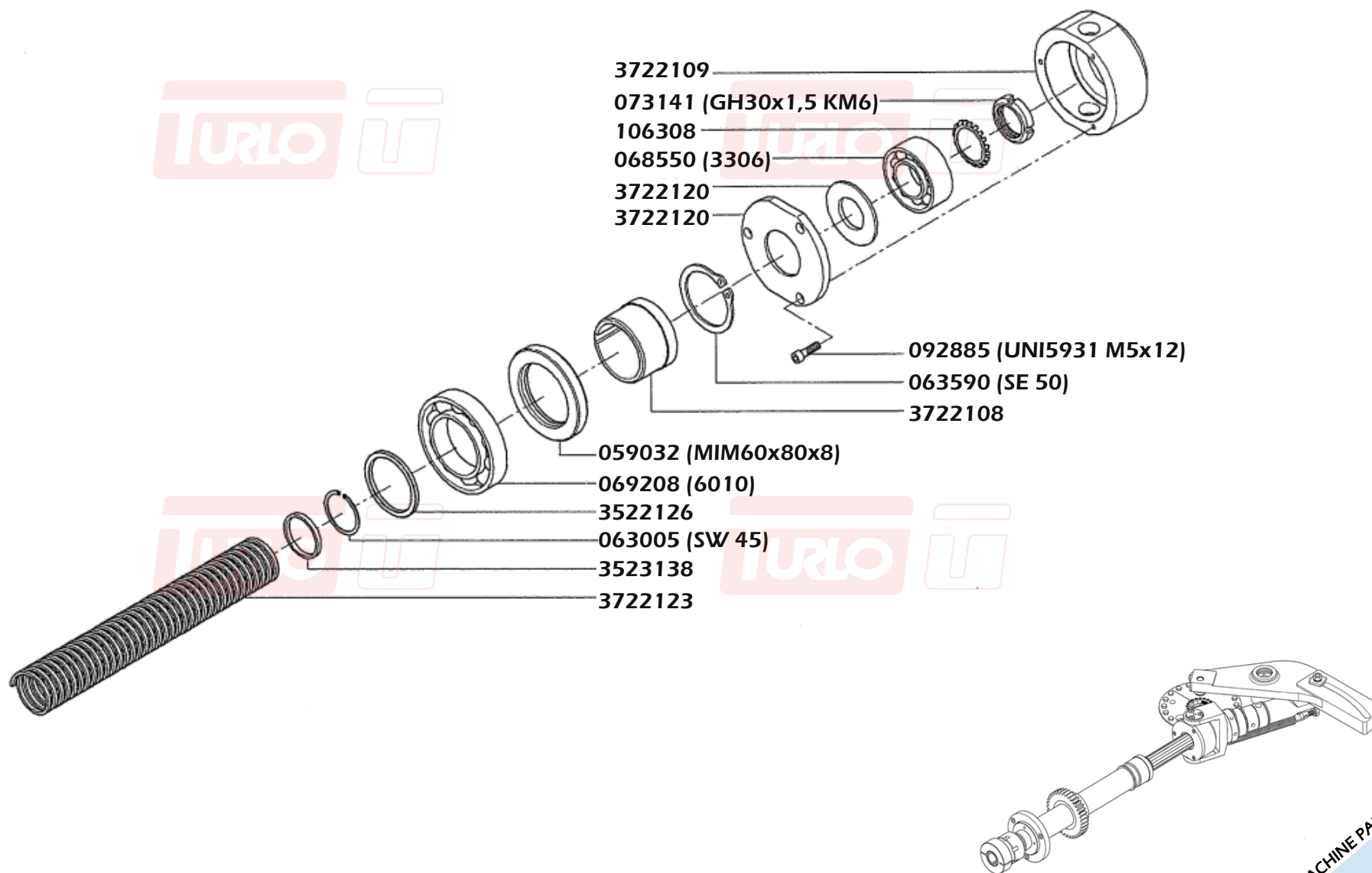
	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3722122 	4922102 	066794 
Rullo Roller	3522116 	4907112 	
Spine Needle	Non necessario Not required	106440 (27x) 	Include Included

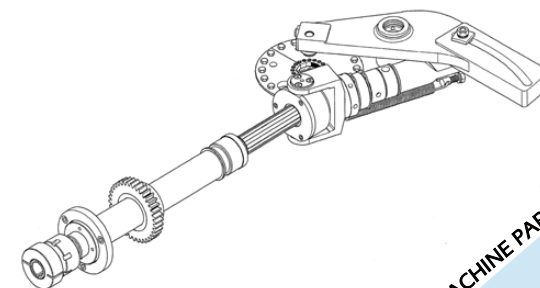
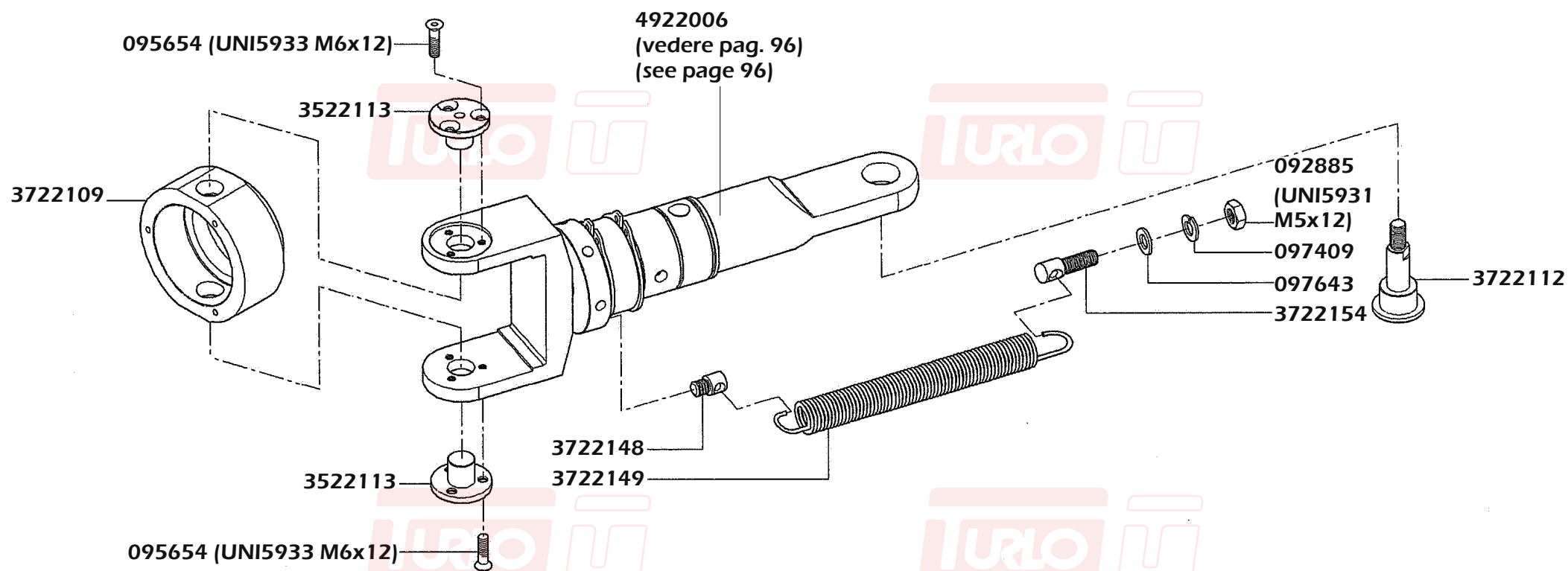
*3706116 + 3706117 = 4906118

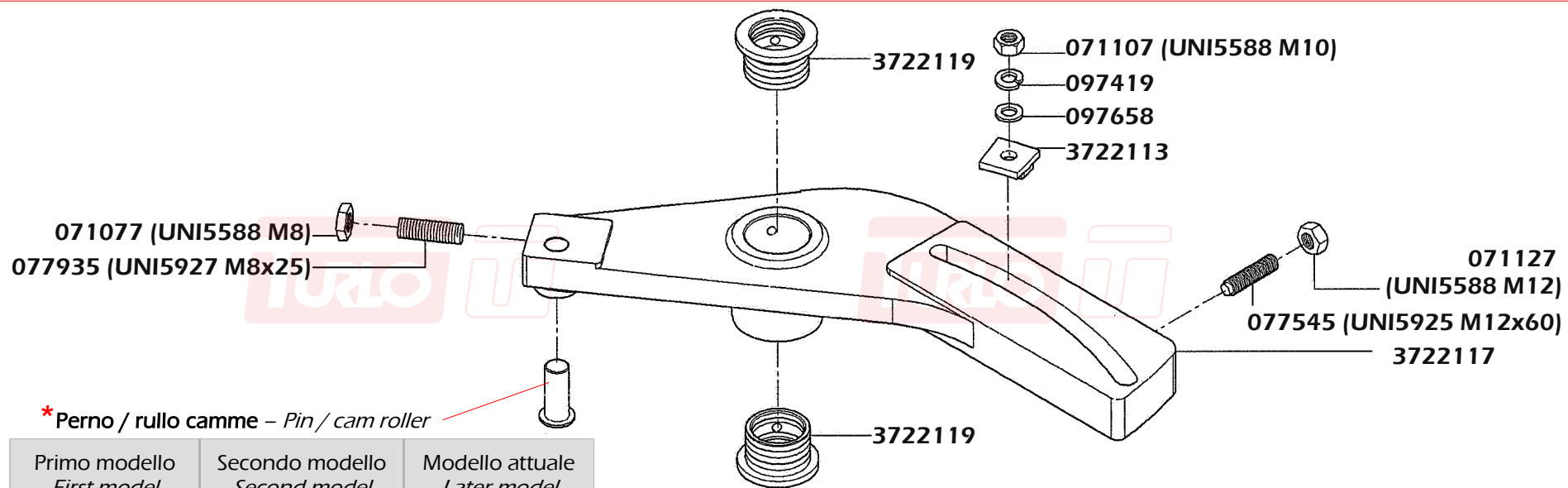






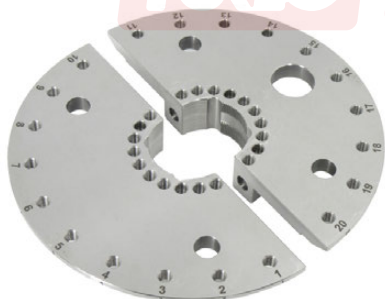
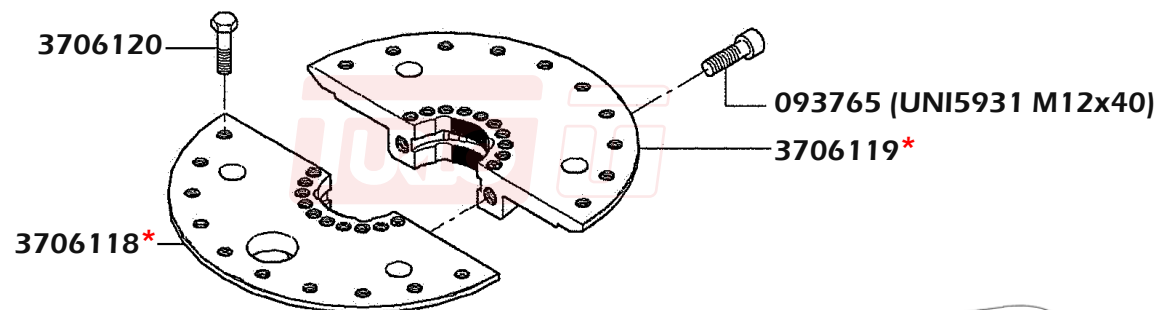




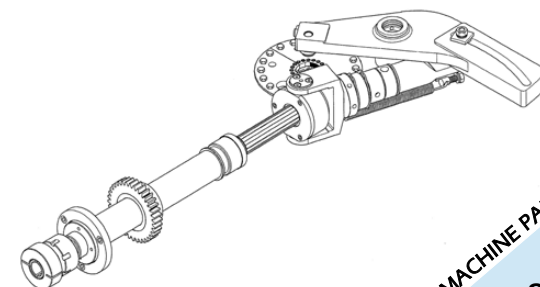


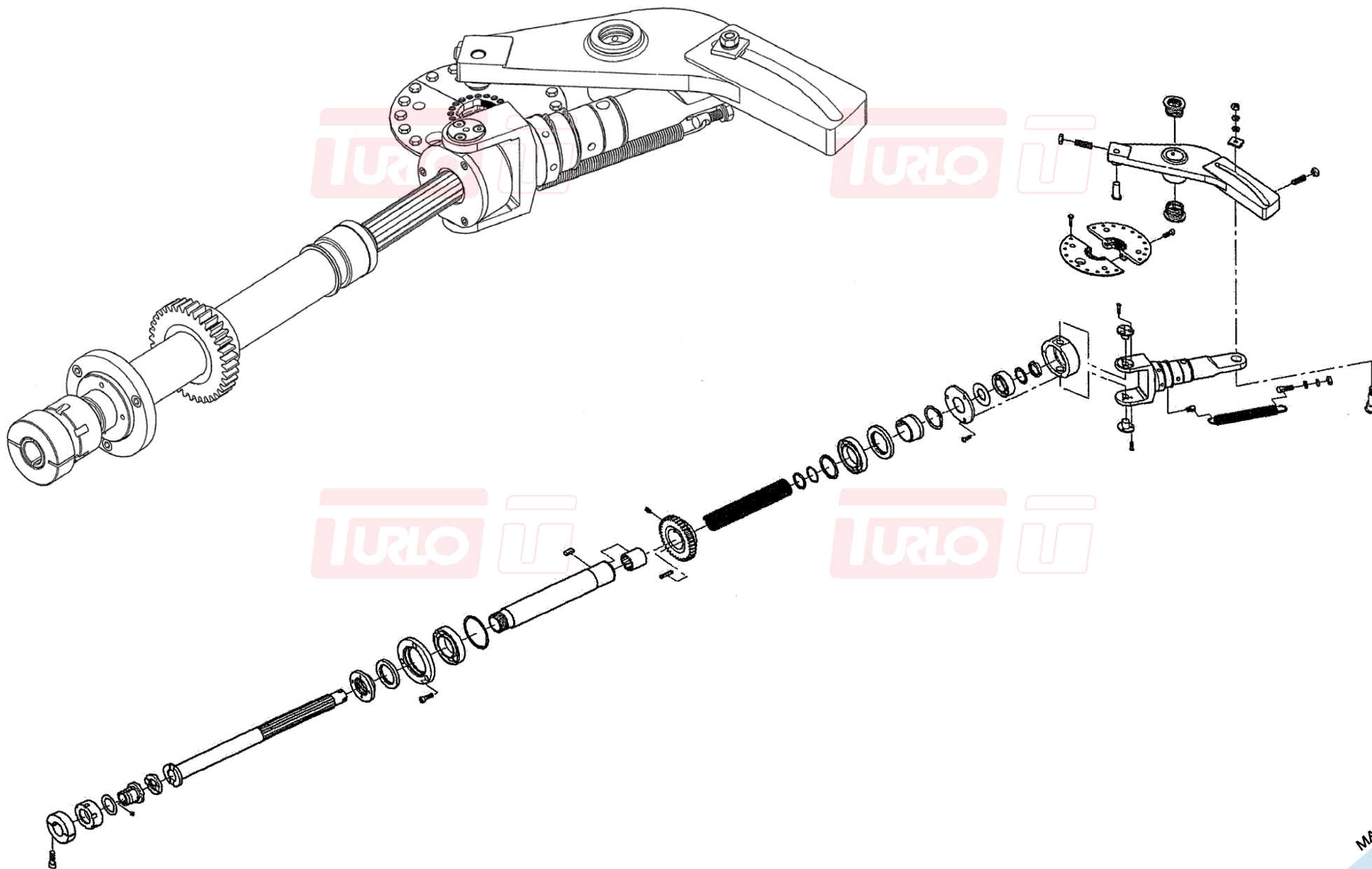
* Perno / rullo camme – *Pin / cam roller*

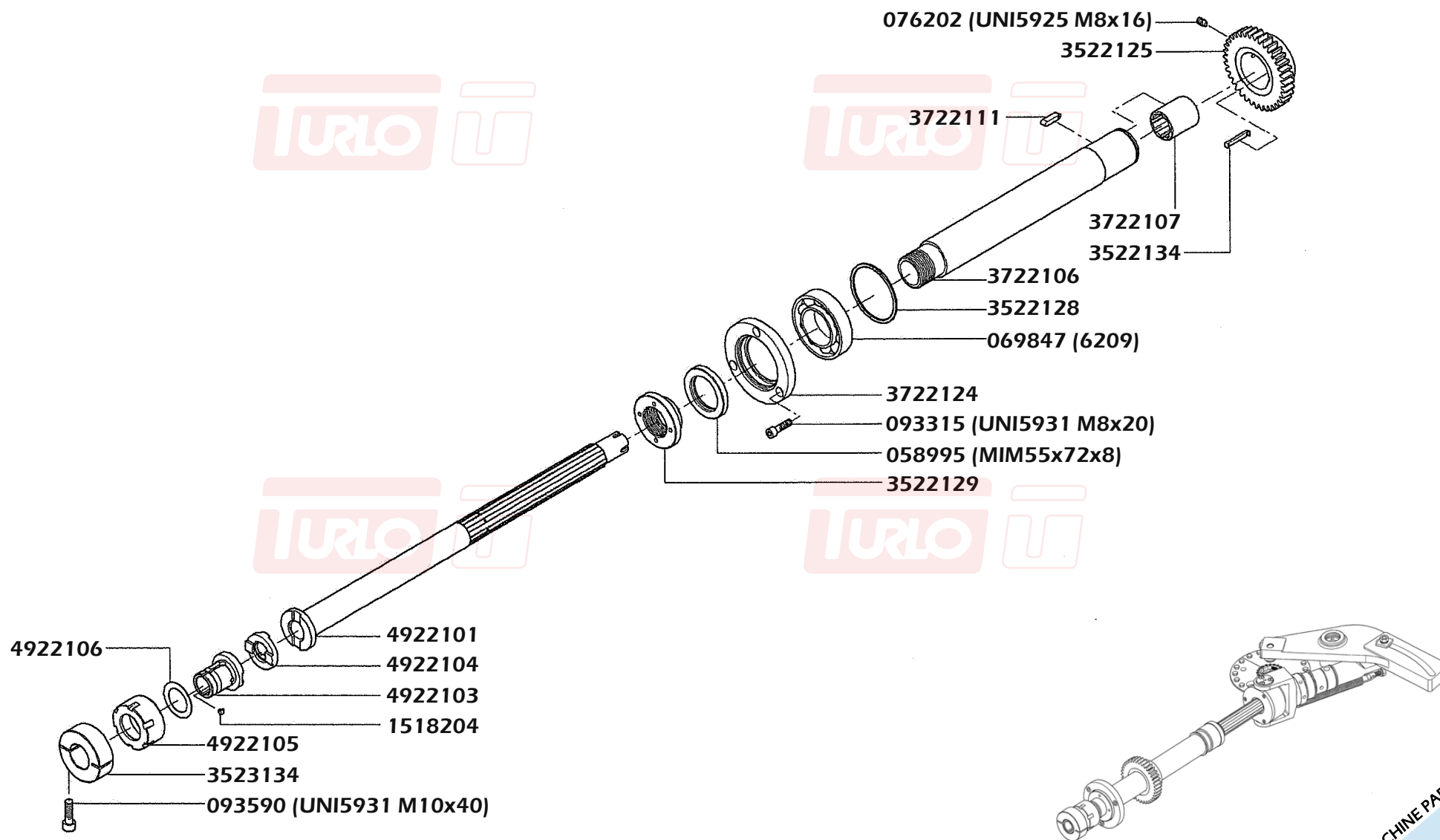
	Primo modello <i>First model</i>	Secondo modello <i>Second model</i>	Modello attuale <i>Later model</i>
Perno <i>Pin</i>	3722122 	4922102 	066794 
Rullo <i>Roller</i>	3522116 	4907112 	
Spine <i>Needle</i>	Non necessario <i>Not required</i>	106440 (27x) 	Incluse <i>Included</i>

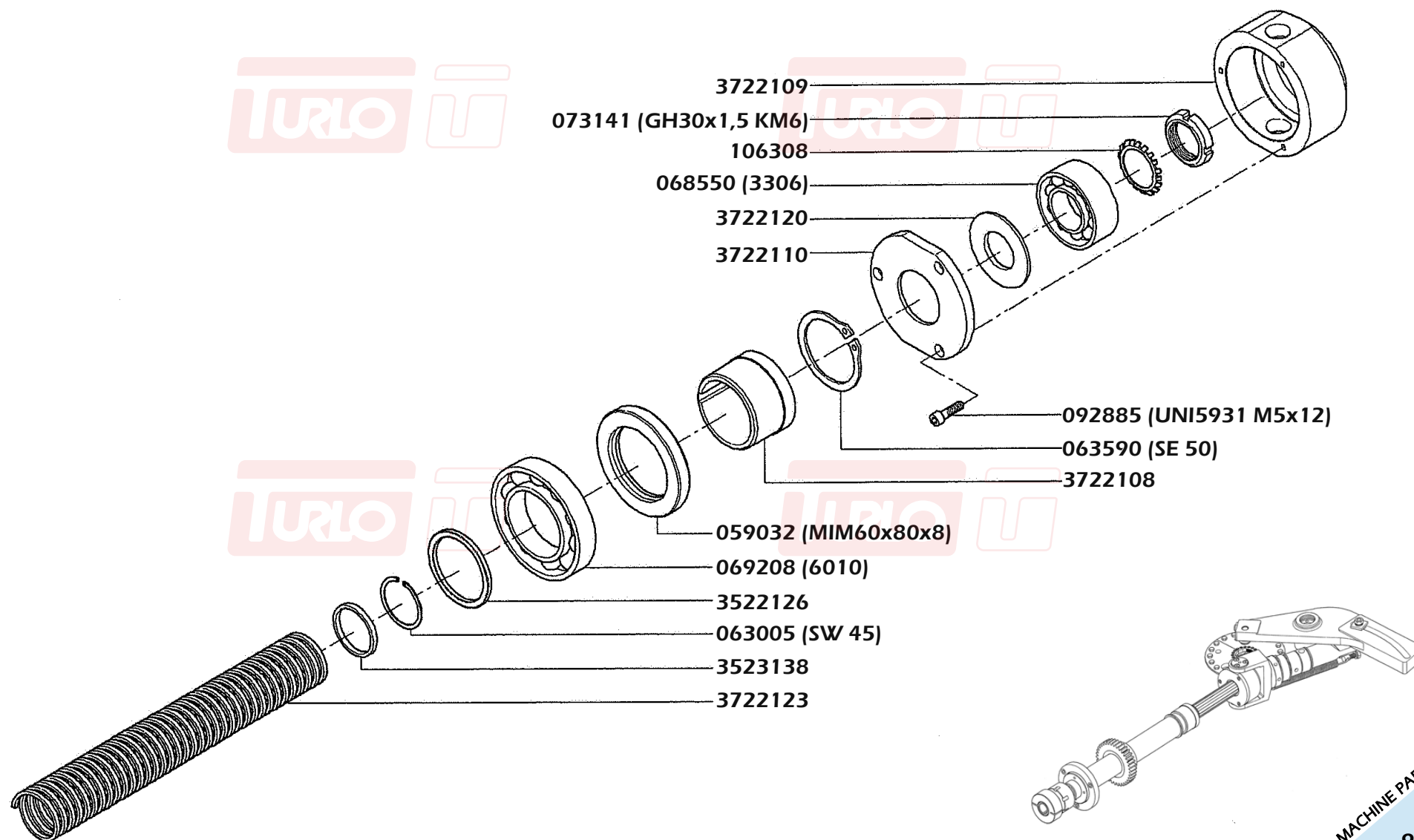


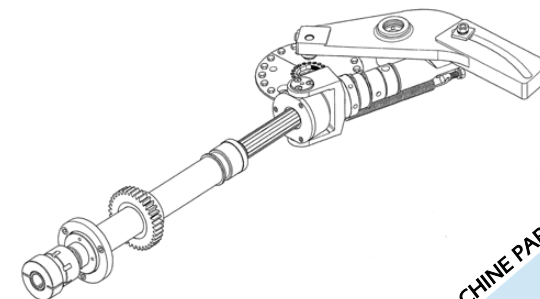
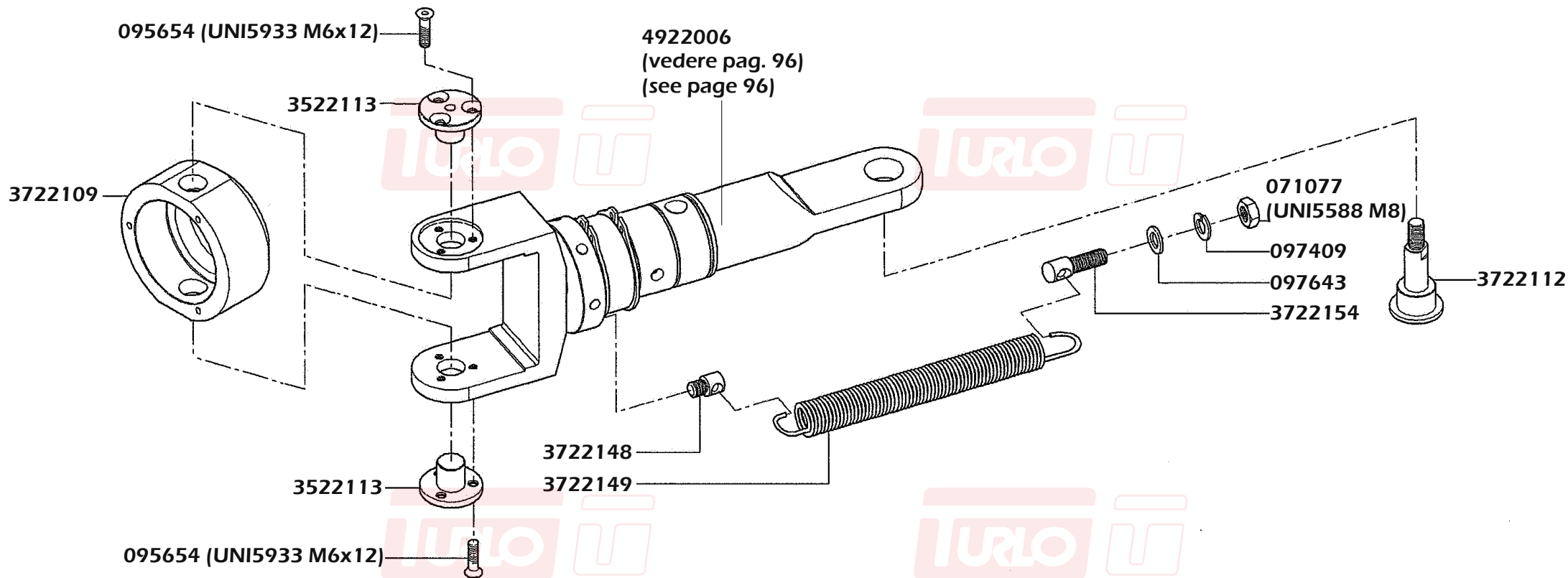
***3706118 + 3706119 = 4906119**

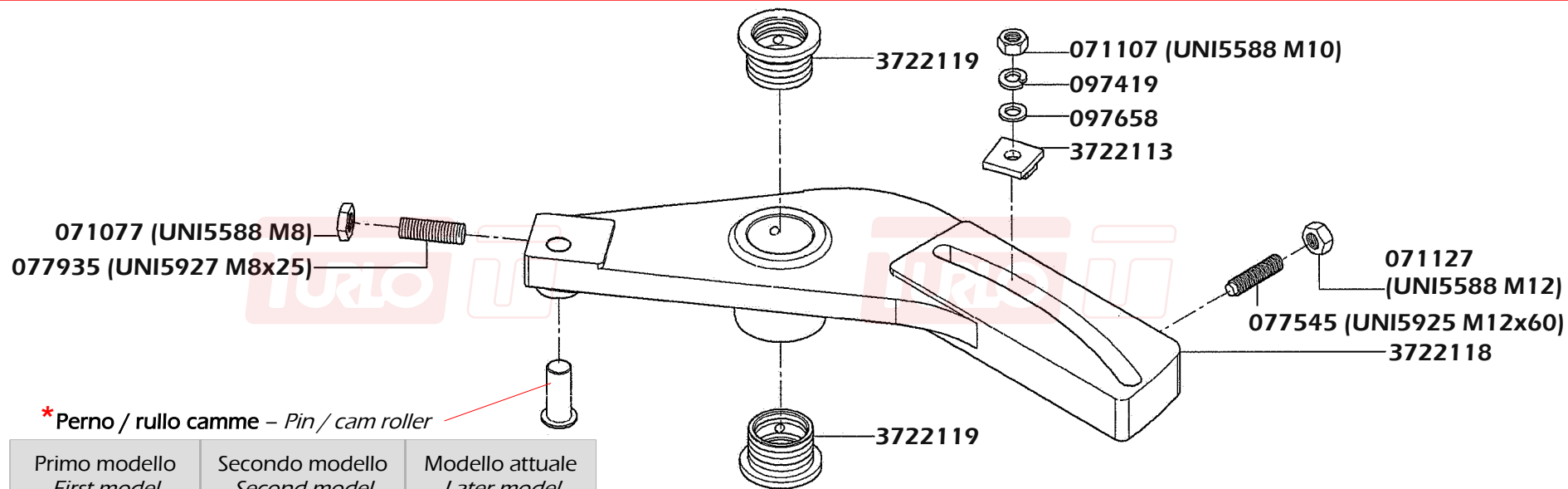






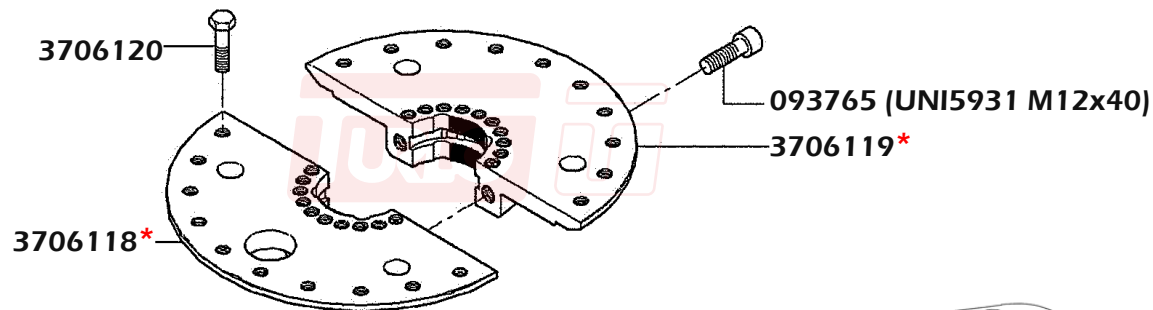
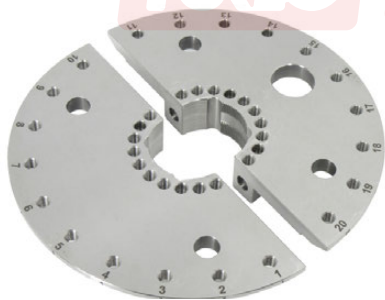




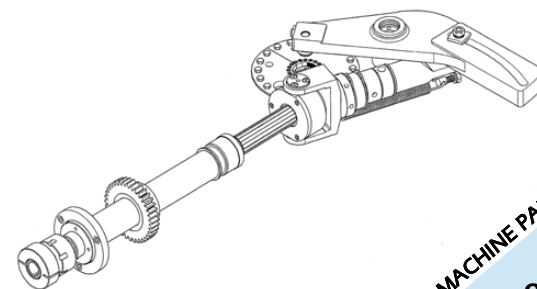


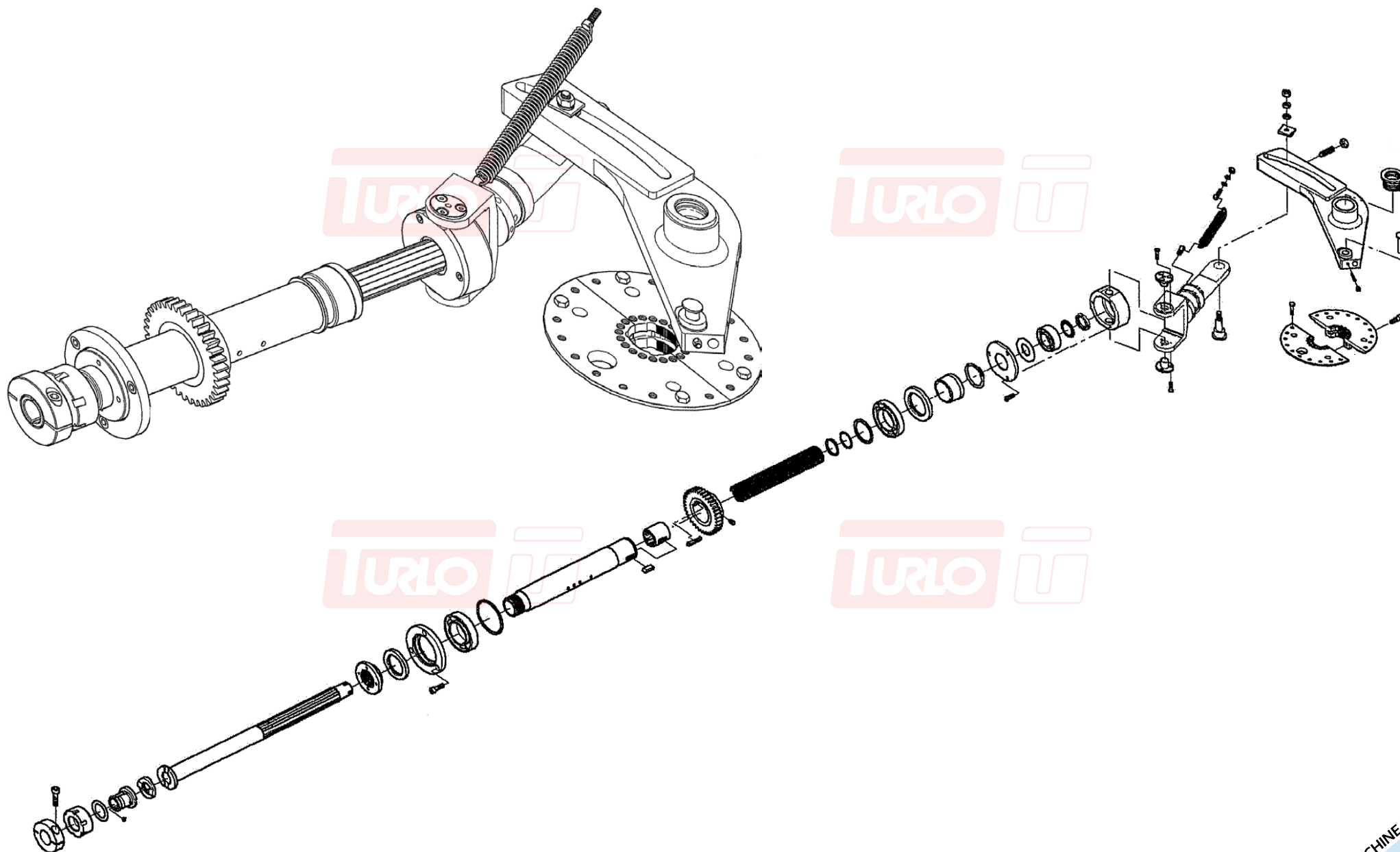
*Perno / rullo camme – Pin / cam roller

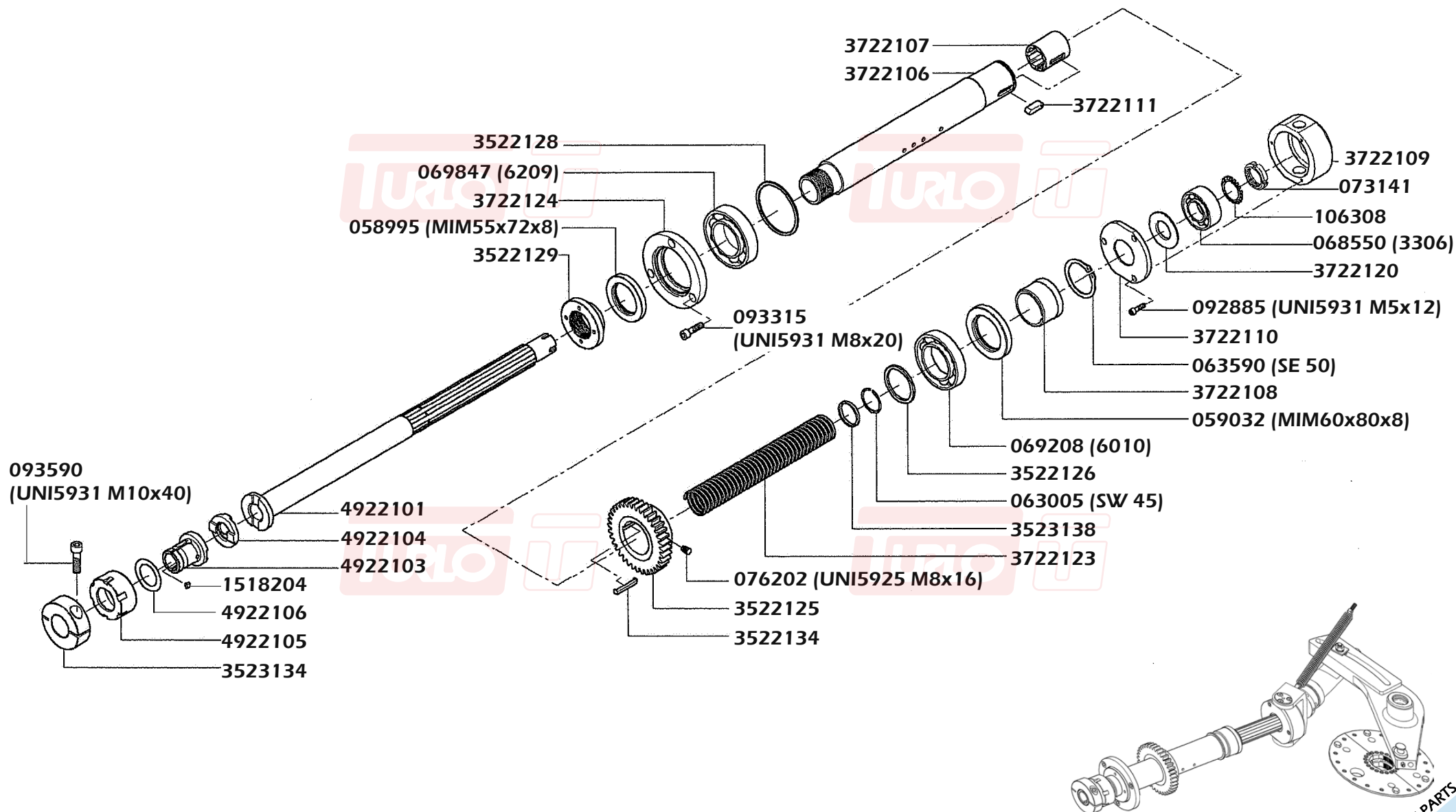
	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3722122 	4922102 	066794 
Rullo Roller	3522116 	4907112 	
Spine Needle	Non necessario Not required	106440 (27x) 	Include Included

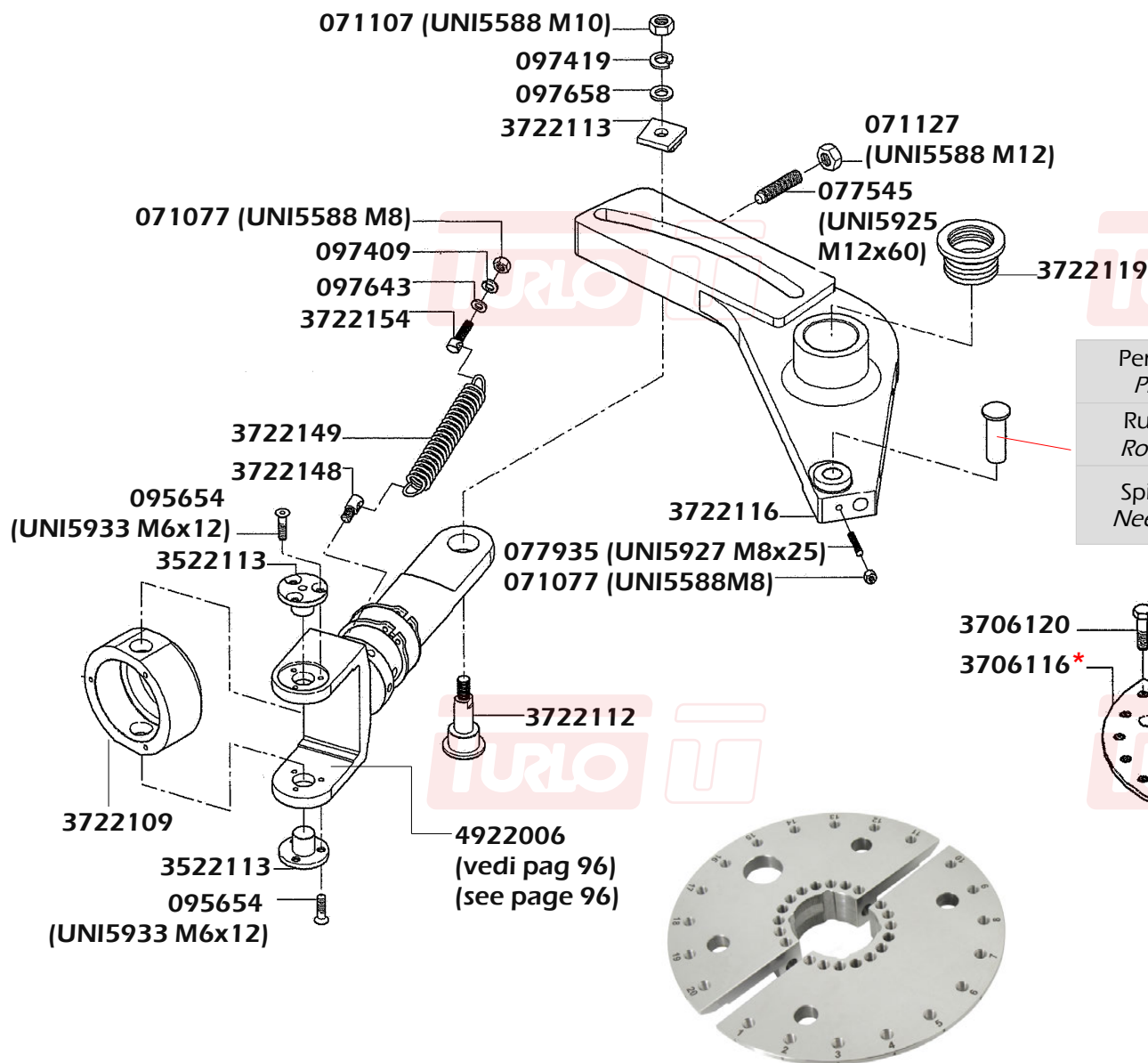


*3706118 + 3706119 = 4906119



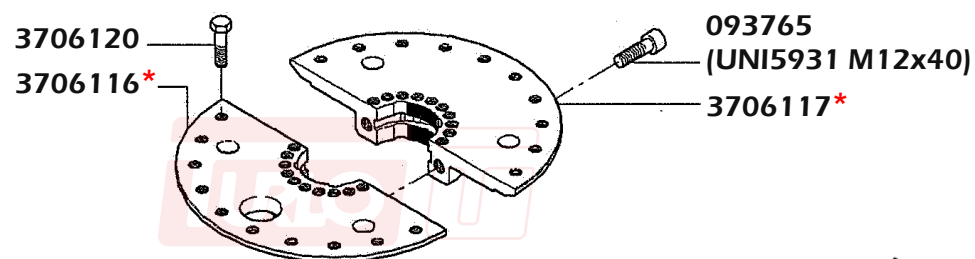




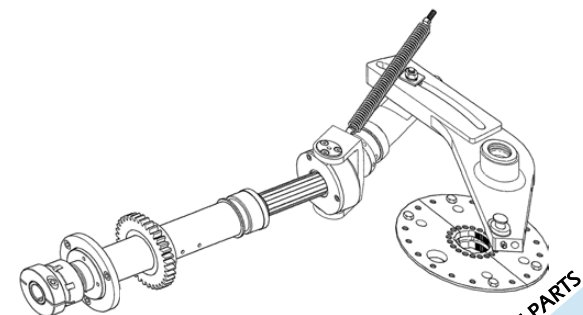


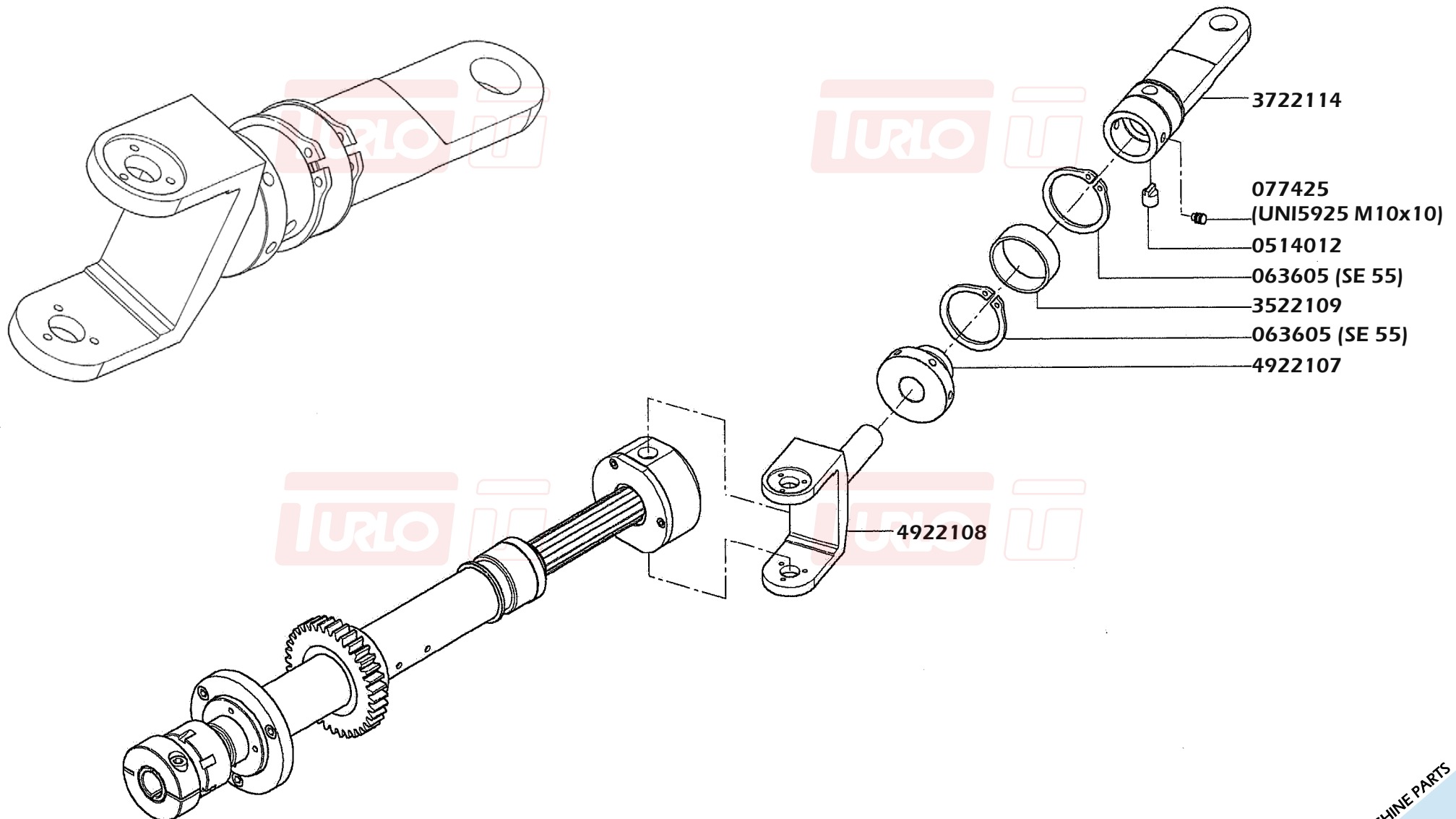
* Perno / rullo camme – Pin / cam roller

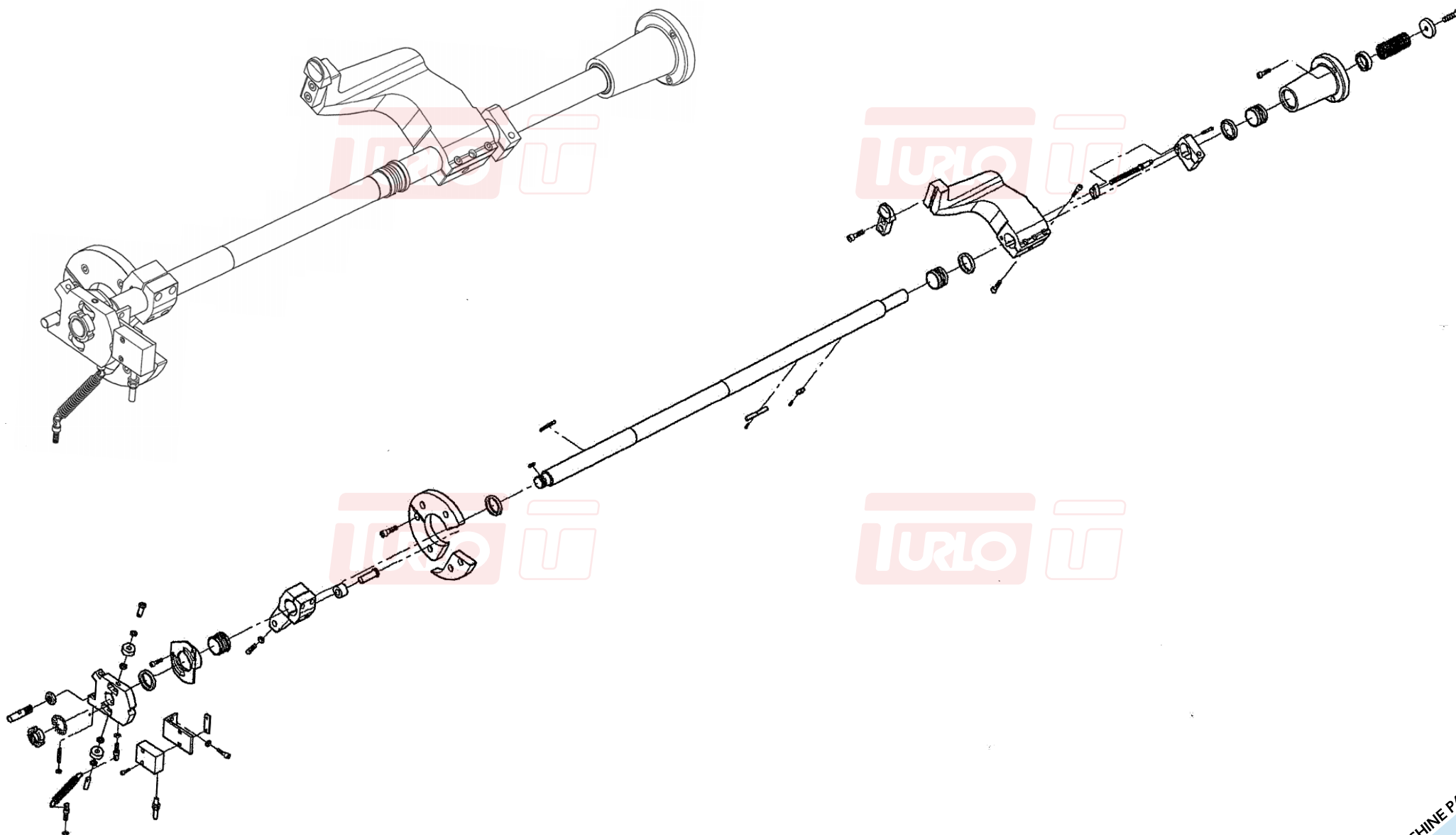
	Primo modello First model	Secondo modello Second model	Modello attuale Later model
Perno Pin	3722122 	4922102 	066794 
Rullo Roller	3522116 	4907112 	
Spine Needle	Non necessario Not required	106440 (27x) 	Include Included

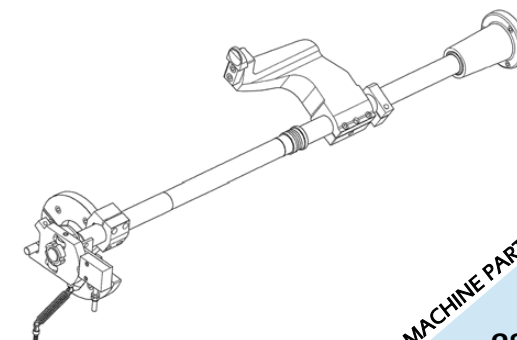
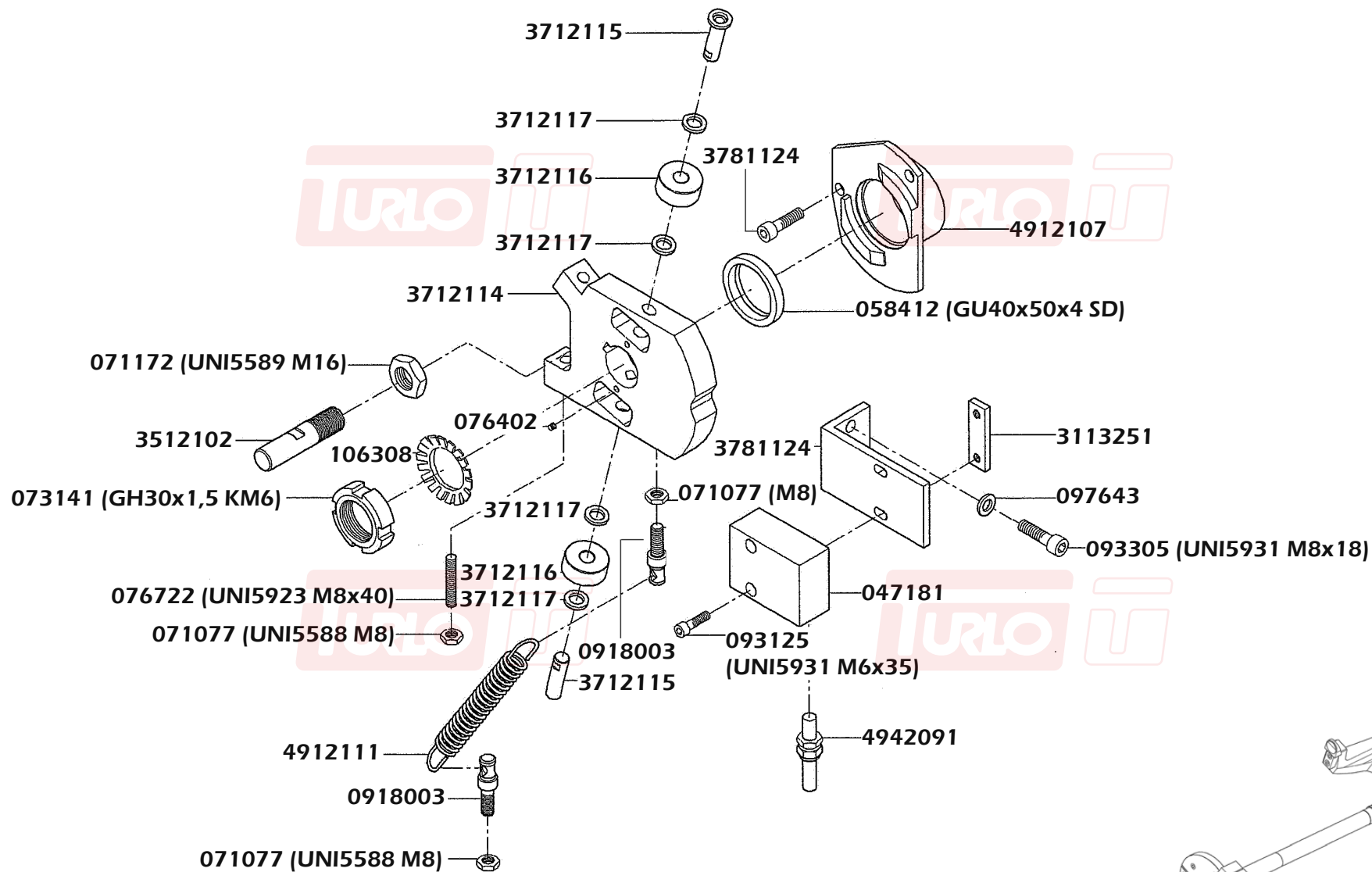


* 3706116 + 3706117 = 4906118



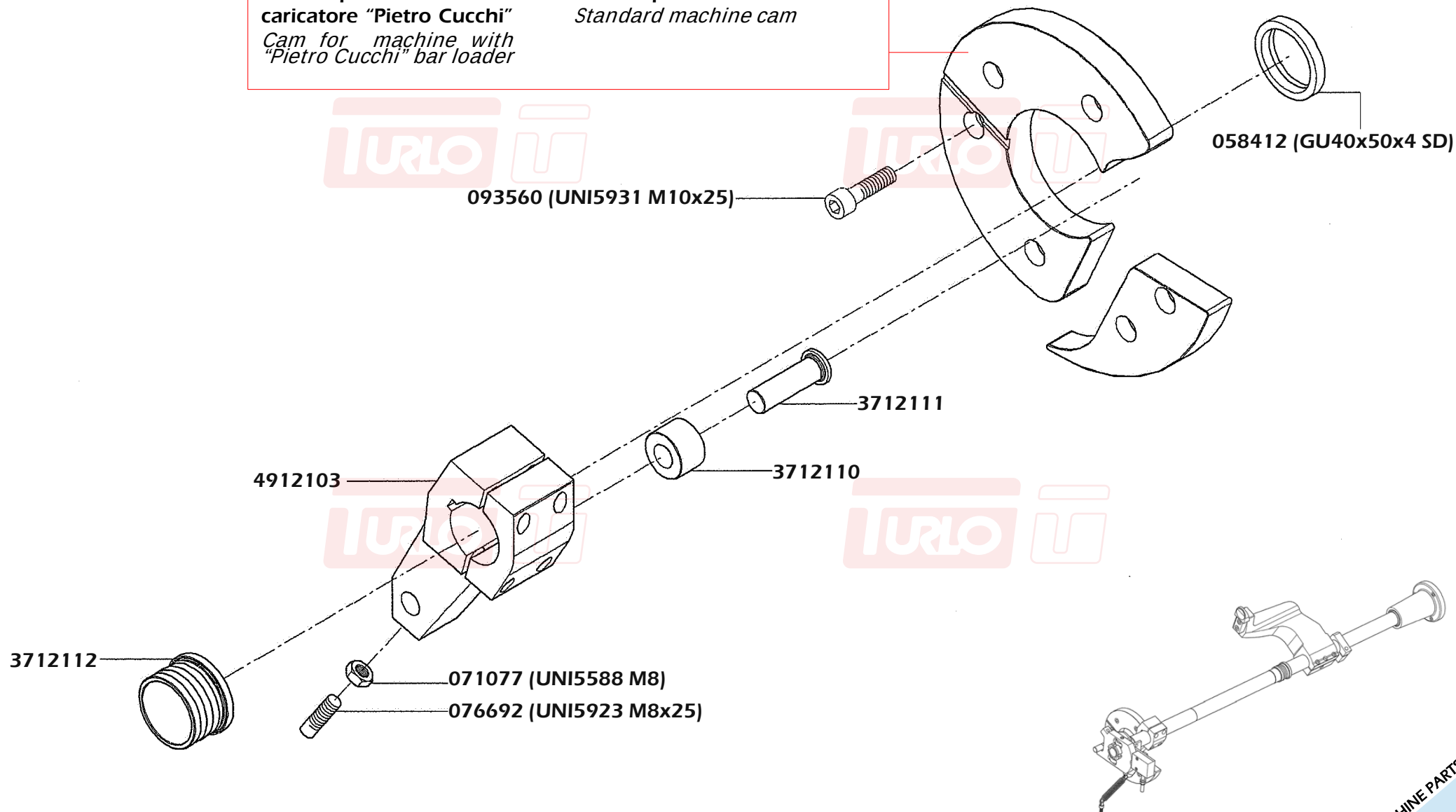


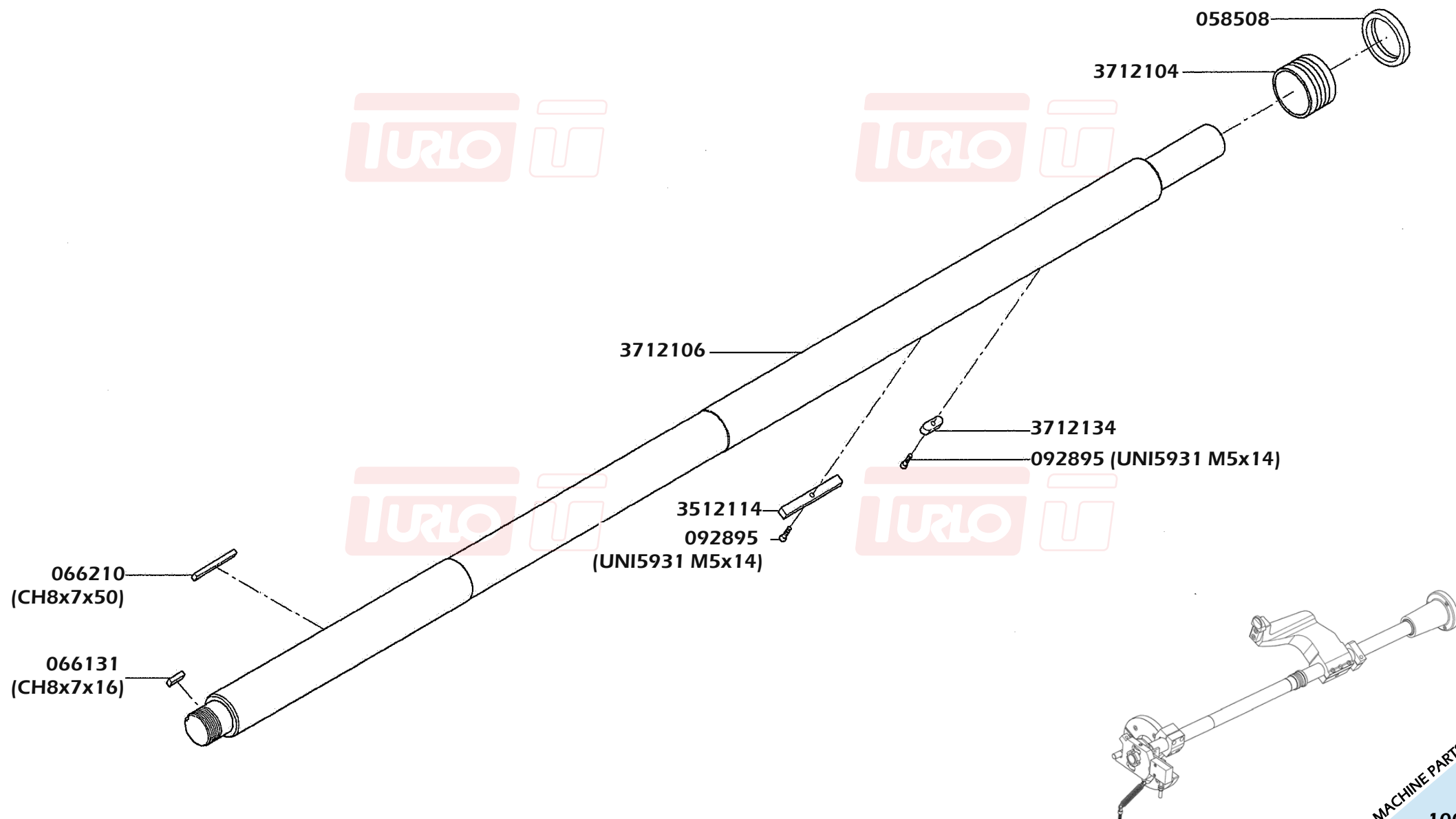




4930104
Camma per macchina con
caricatore "Pietro Cucchi"
*Cam for machine with
"Pietro Cucchi" bar loader*

3730116
Camma per macchina standard
Standard machine cam



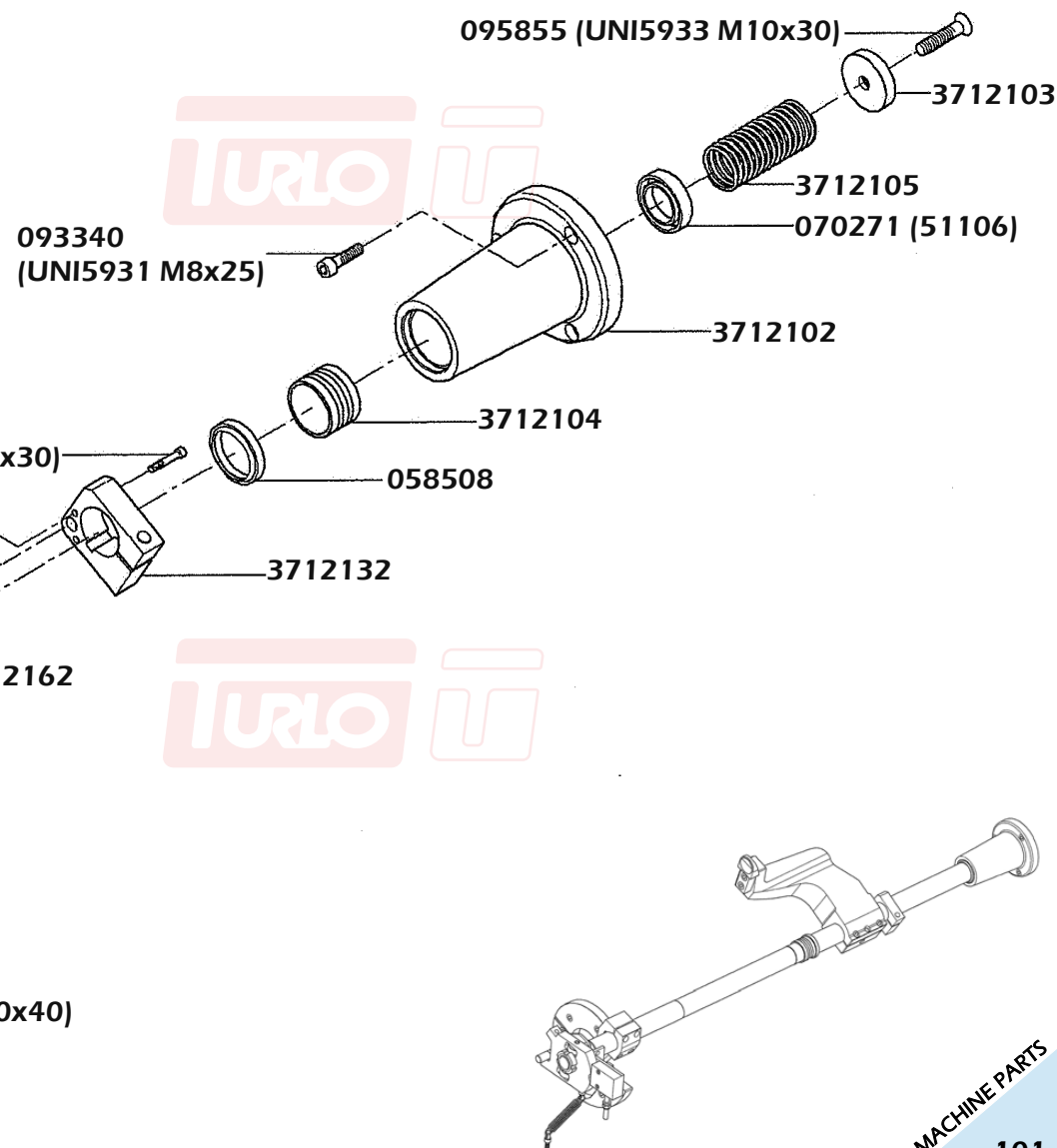


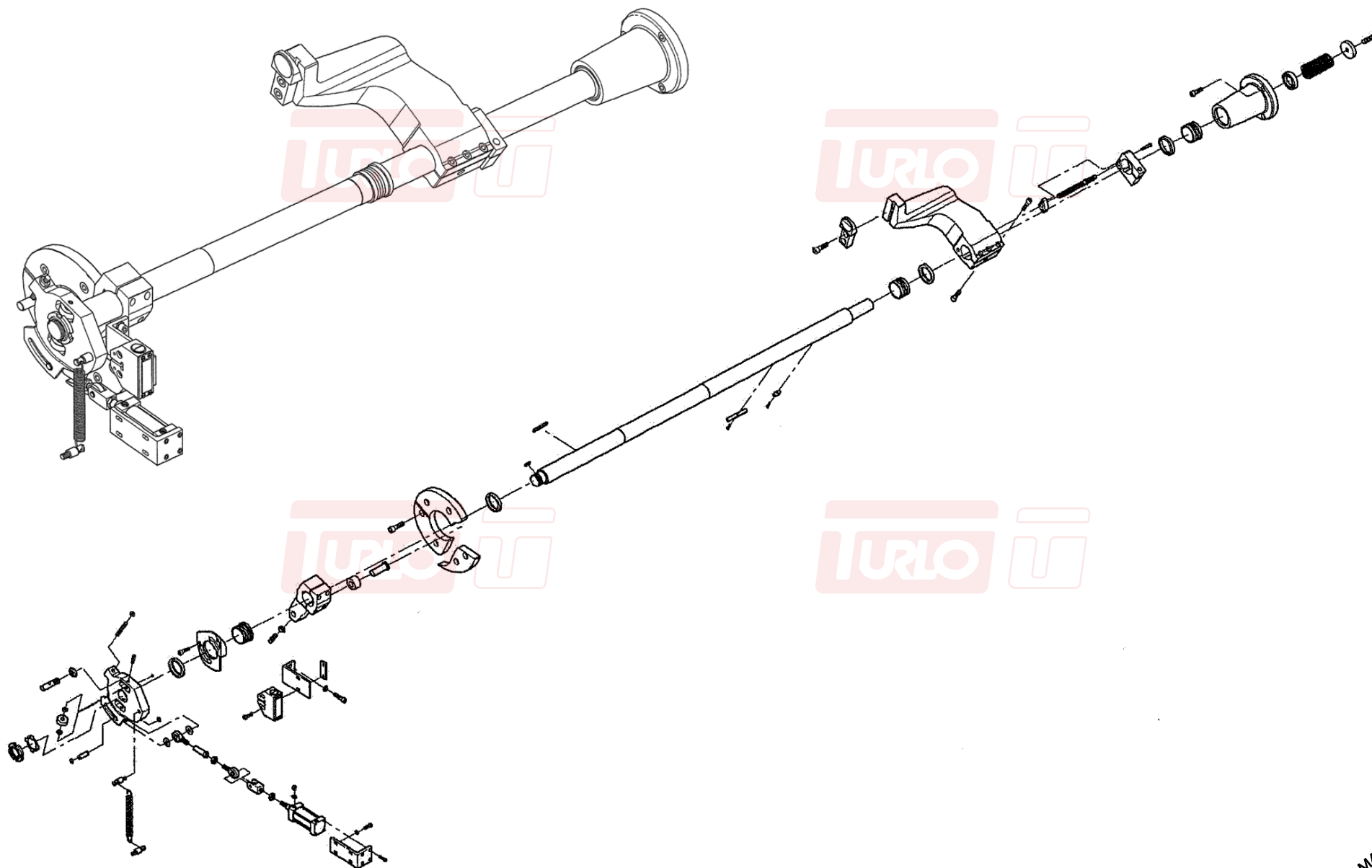


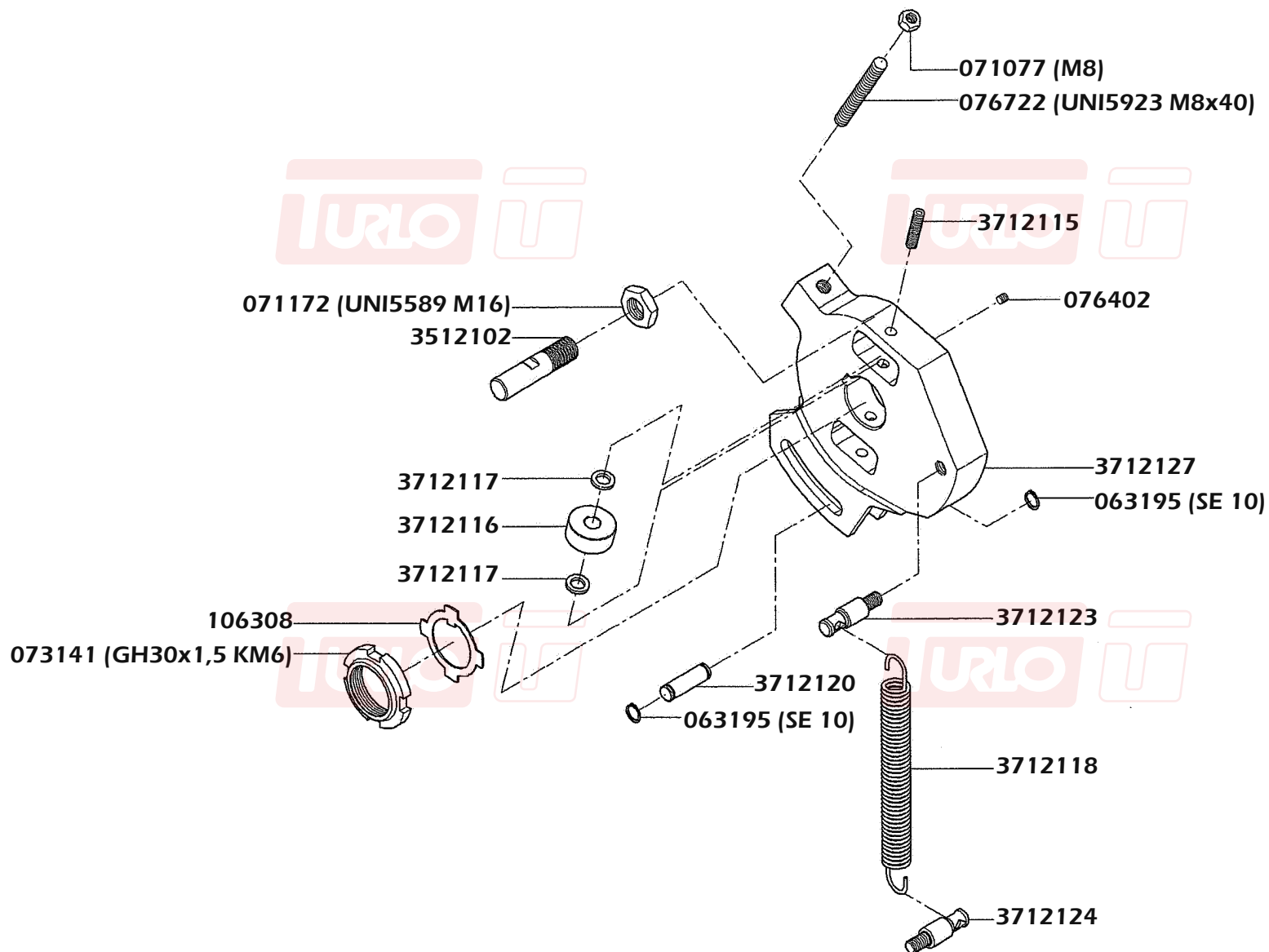
3512116
Staffa fermo barra con inserto
centrato sull'asse della barra
*Bar stop with carbide pad centered
on the bar axis*

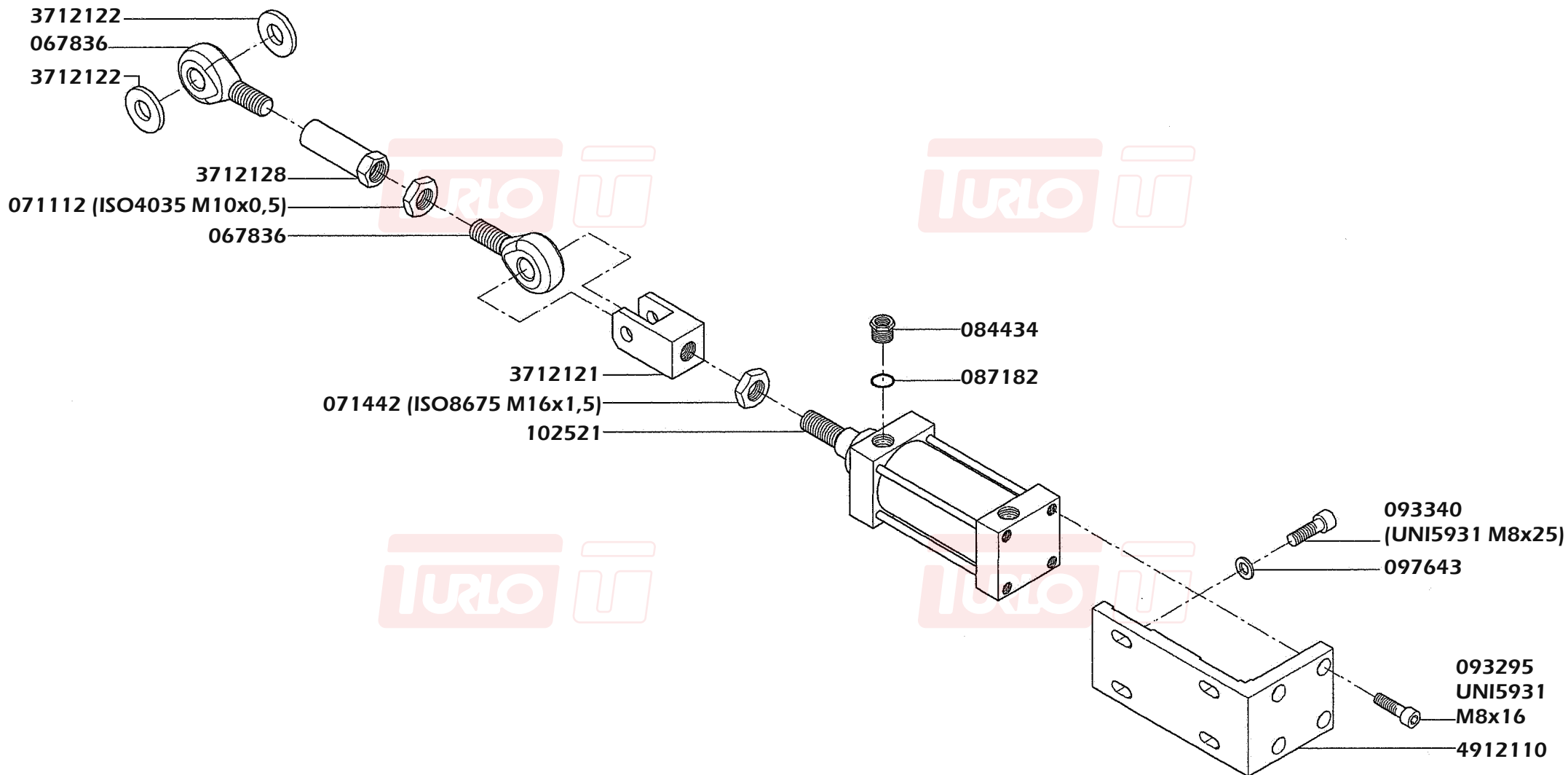


4912101
Staffa fermo barra con inserto disassato di 5
mm dall'asse della barra
*Bar stop with carbide pad offset by 5mm
from the bar axis*









4930104
Camma per macchina con
caricatore "Pietro Cucchi"
*Cam for machine with
"Pietro Cucchi" bar loader*

3730116
Camma per macchina standard
Standard machine cam

093560 (UNI5931 M10x25)

058412 (GU40x50x4 SD)

3712111

3712110

4912103

071077 (M8)

076692 (UNI5923 M8x25)

4912107

095320

(DIN7984 M8x20)

058412

(GU40x50x4 SD)

3712112

3512116

**Staffa fermo barra con inserto
centrato sull'asse della barra**

*Bar stop with carbide pad centered
on the bar axis*



4912101

**Staffa fermo barra con inserto disassato di 5
mm dall'asse della barra**

*Bar stop with carbide pad offset by 5mm
from the bar axis*



066210
(CH8x7x50)

3712106

066131
(CH8x7x16)

3712101

093550 (UNI5931 M10x22)

093375
(UNI5931 M8x40)

093590 (UNI5931 M10x40)

058508

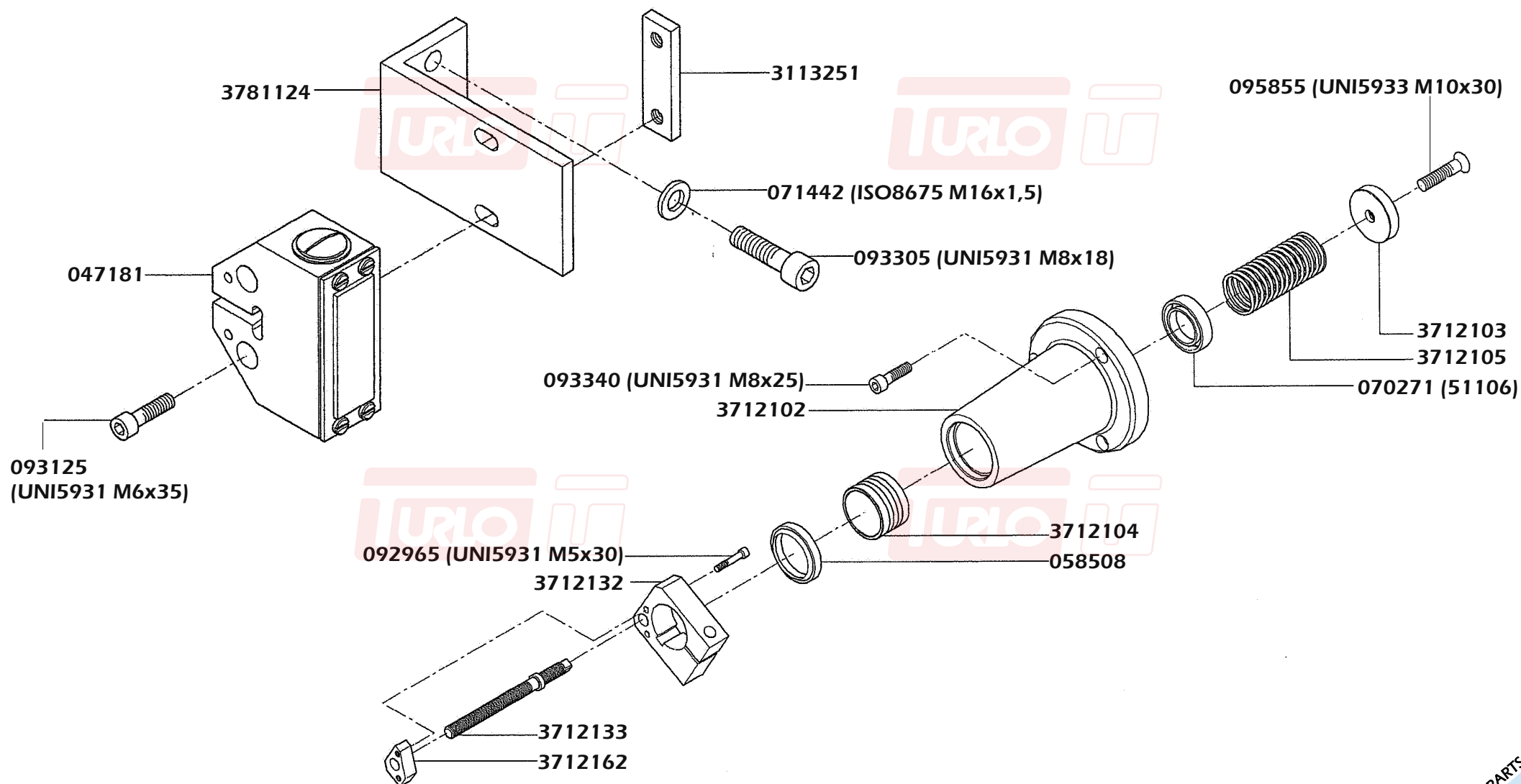
3712104

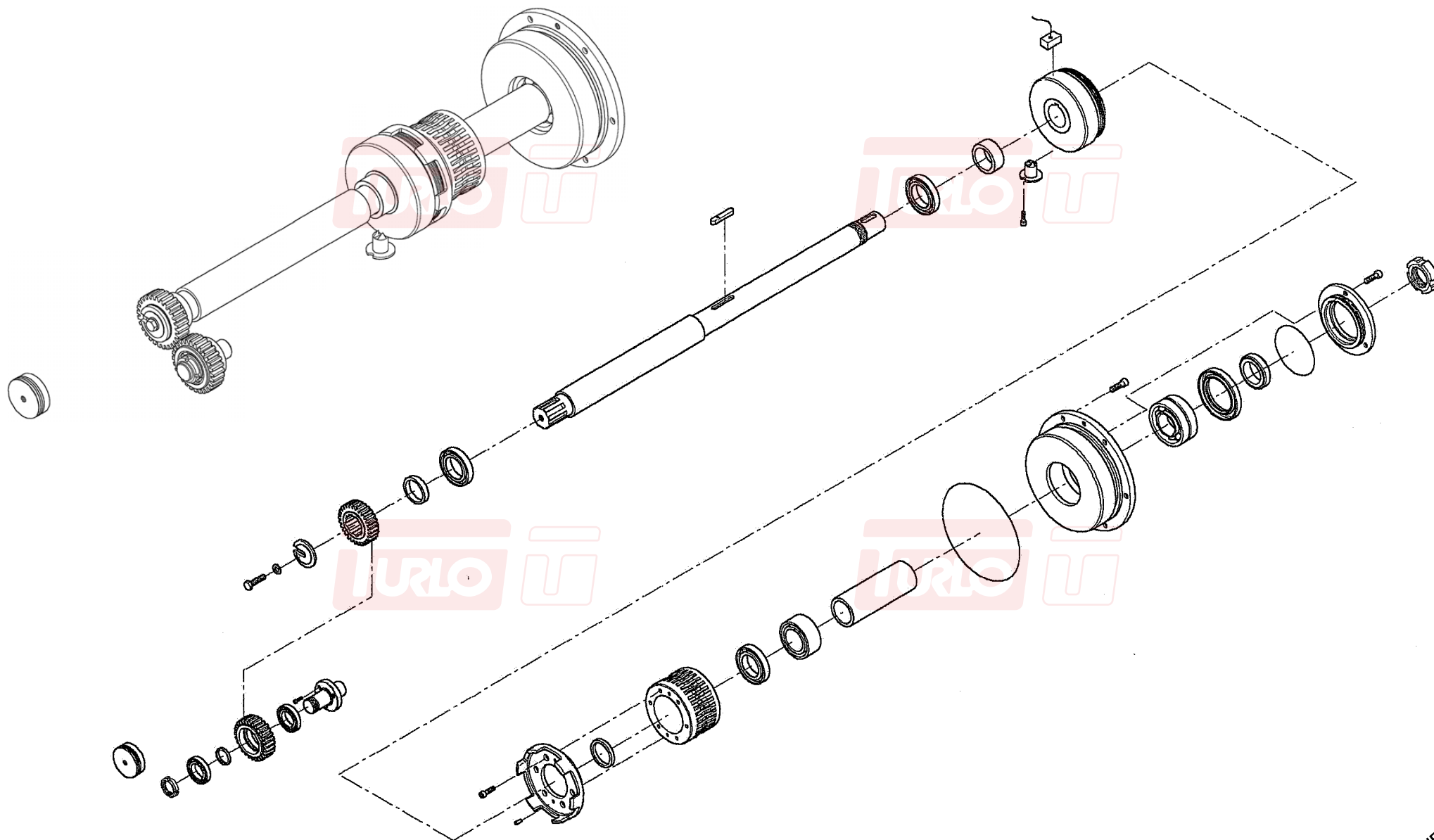
3712134

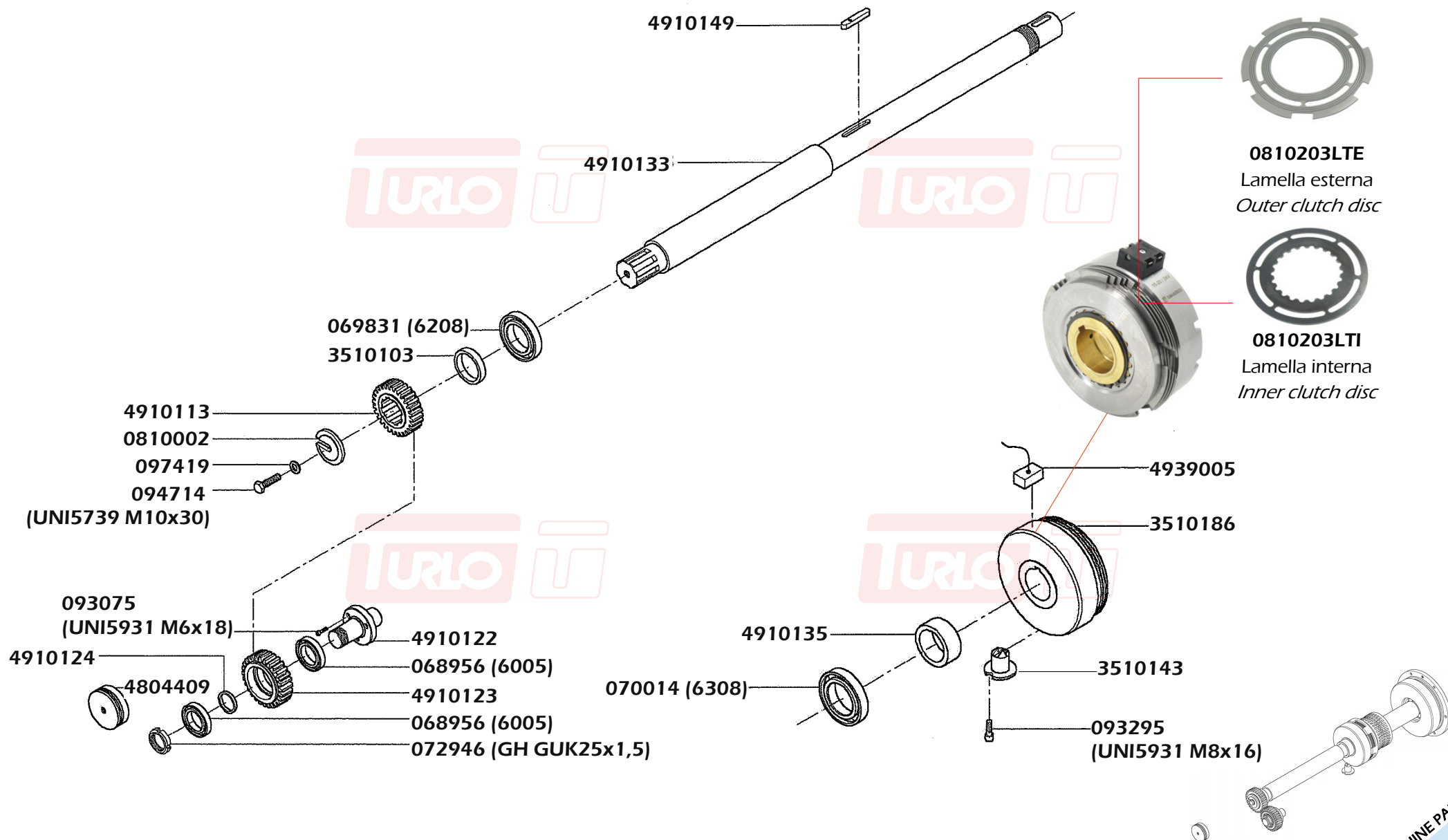
092895 (UNI5931 M5x14)

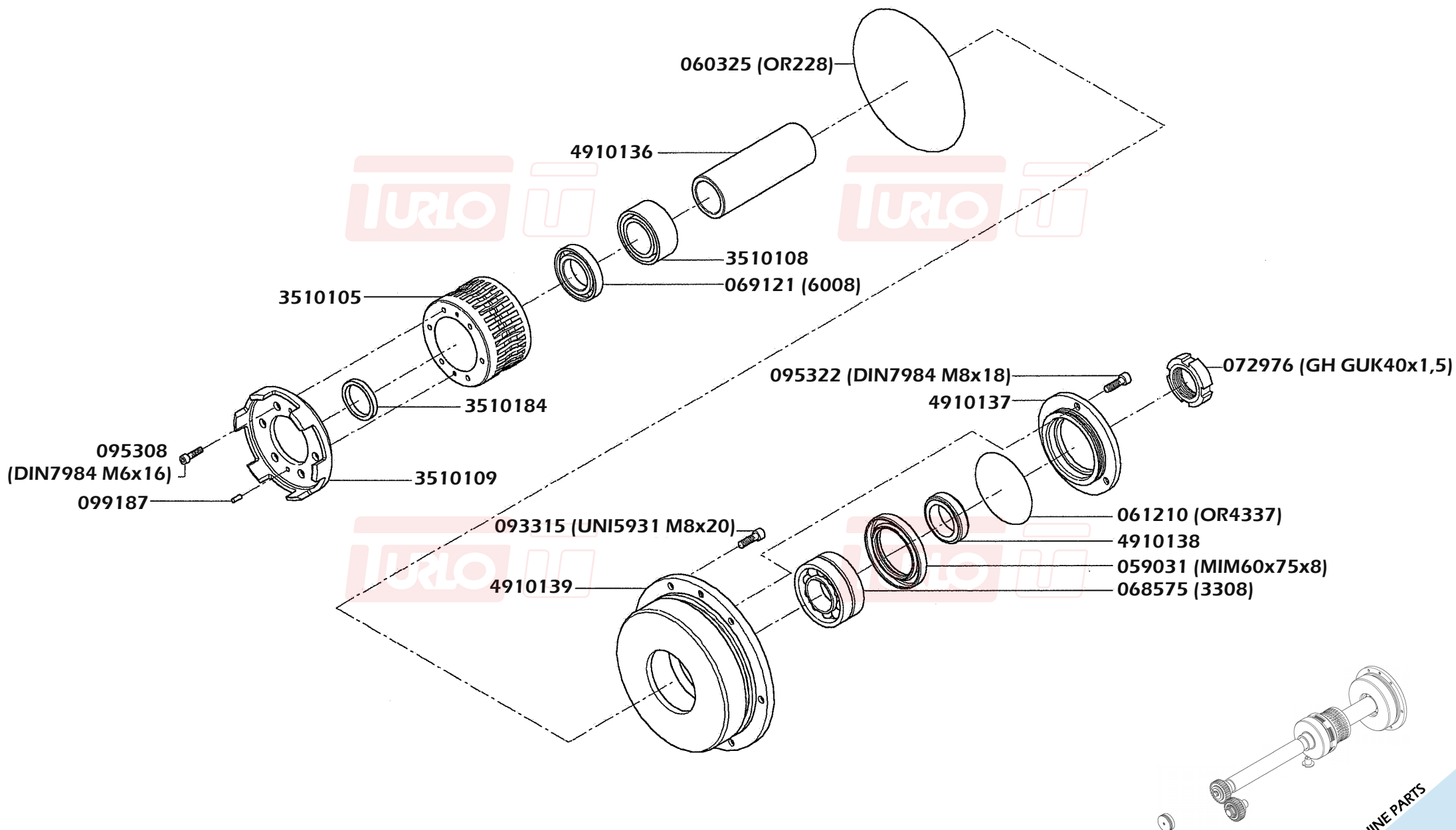
3512114

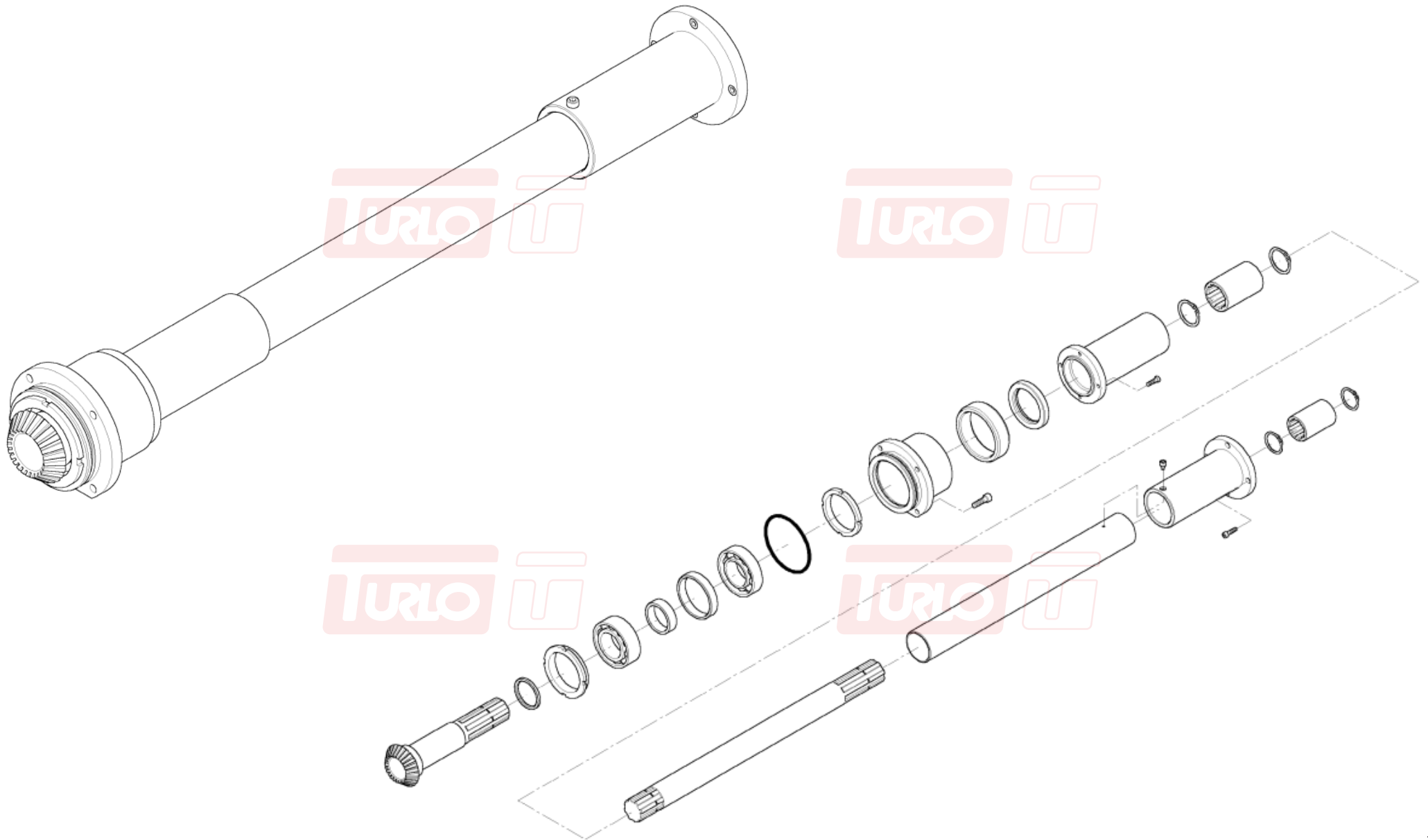
092895 (UNI5931 M5x14)

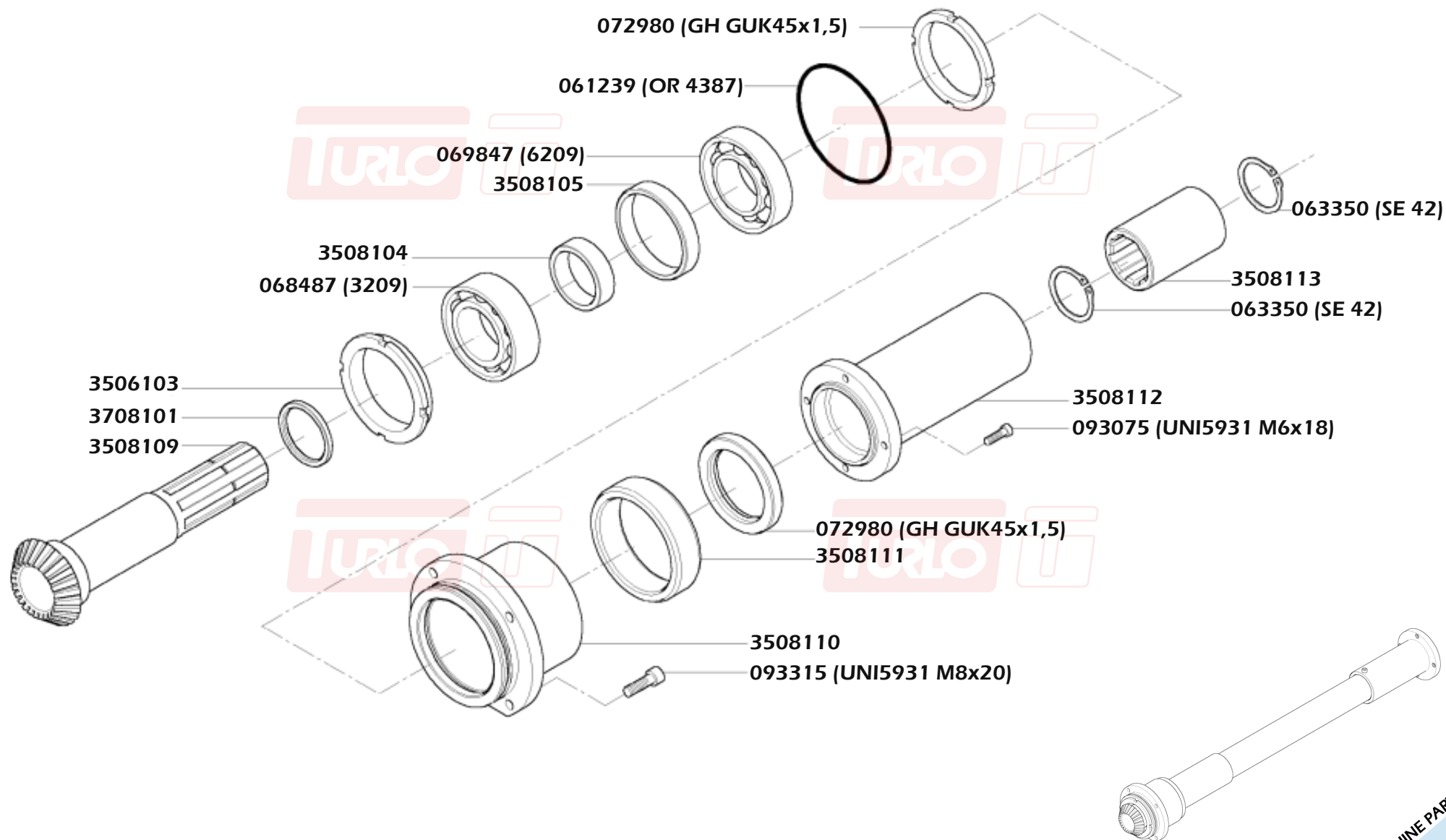


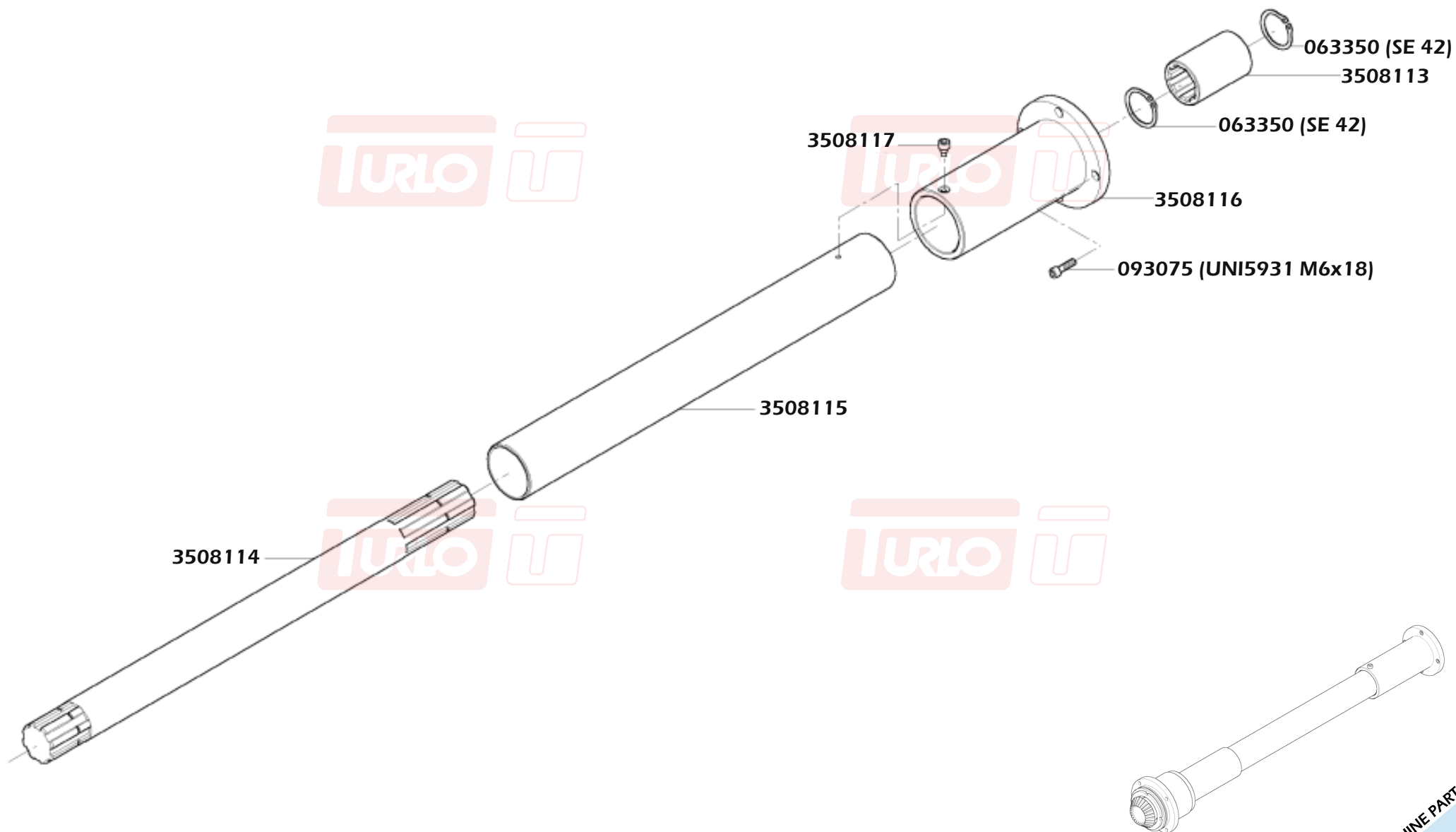


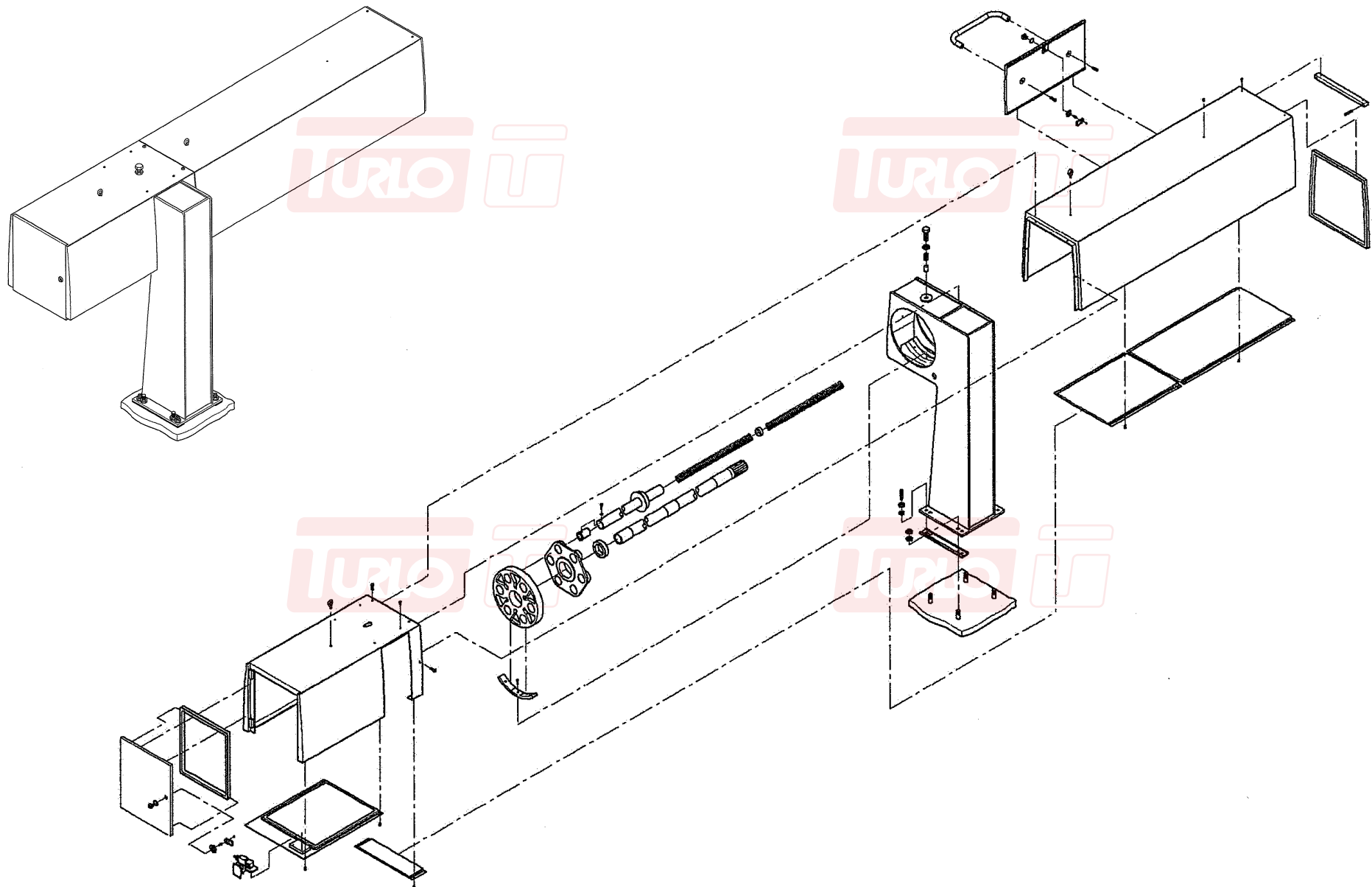












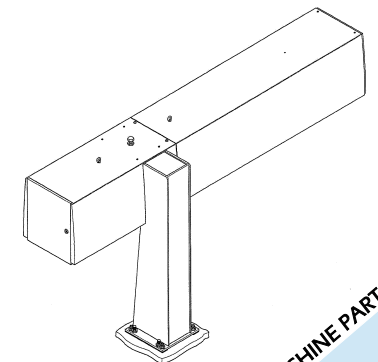
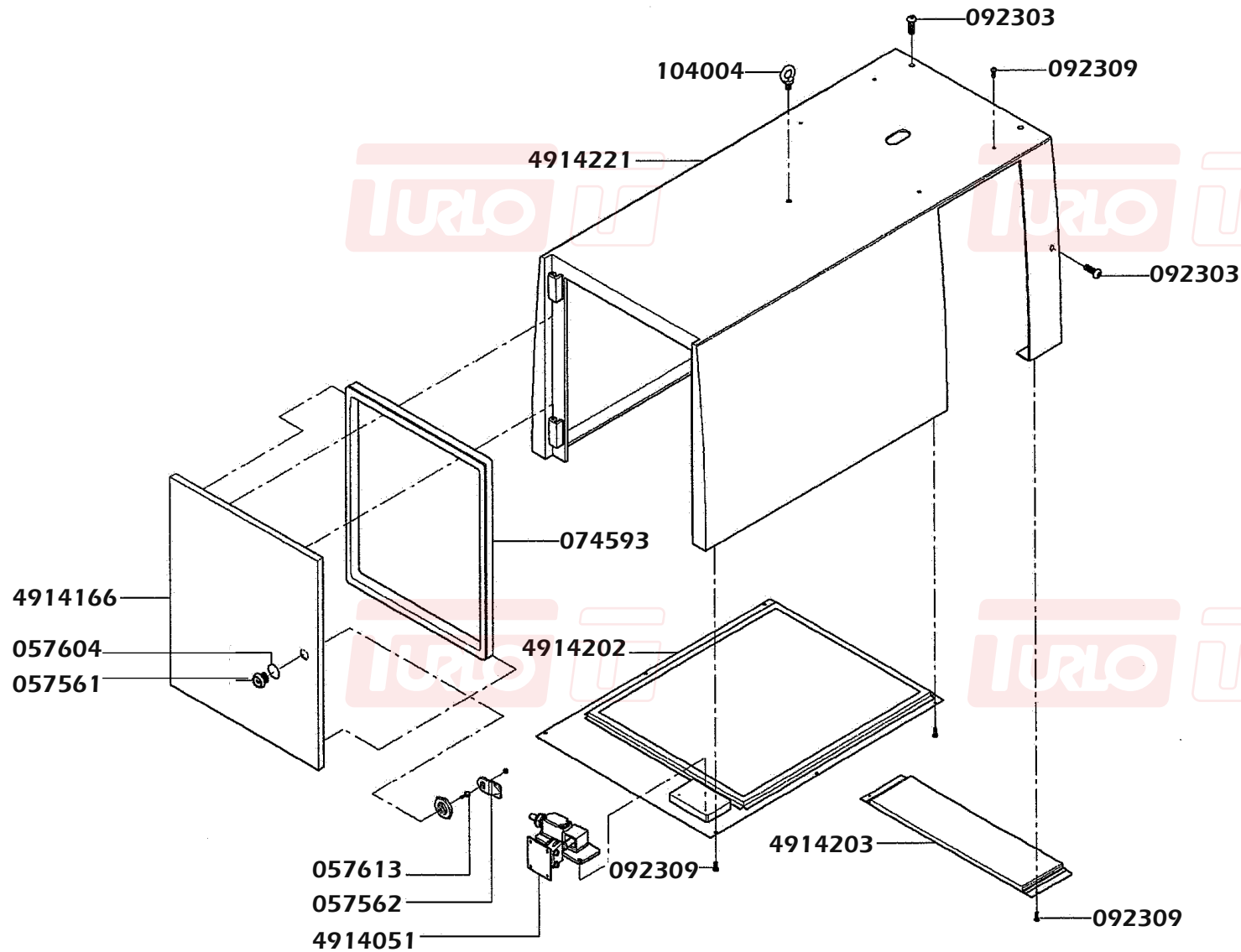
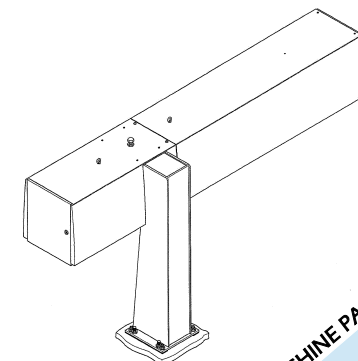
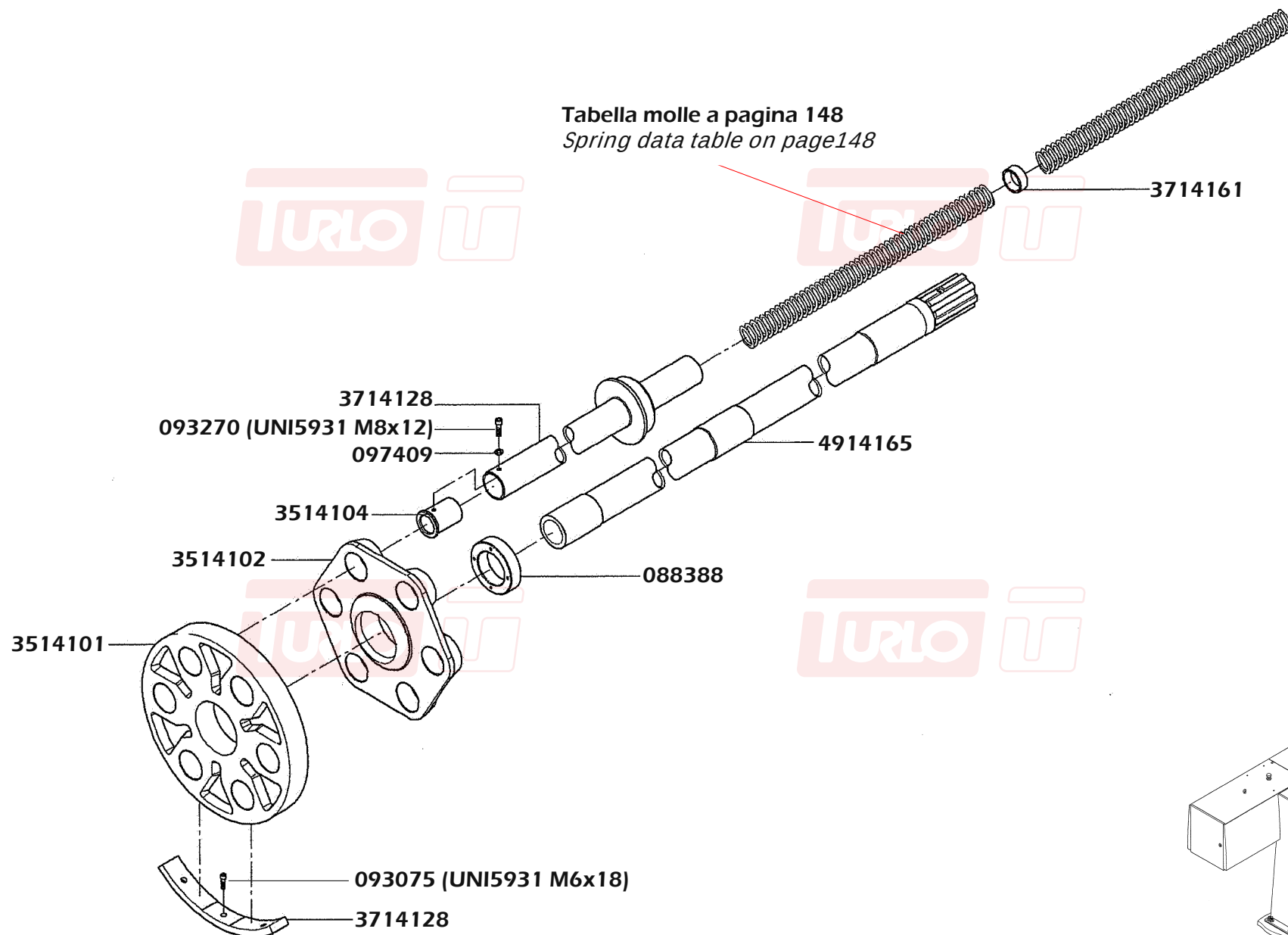
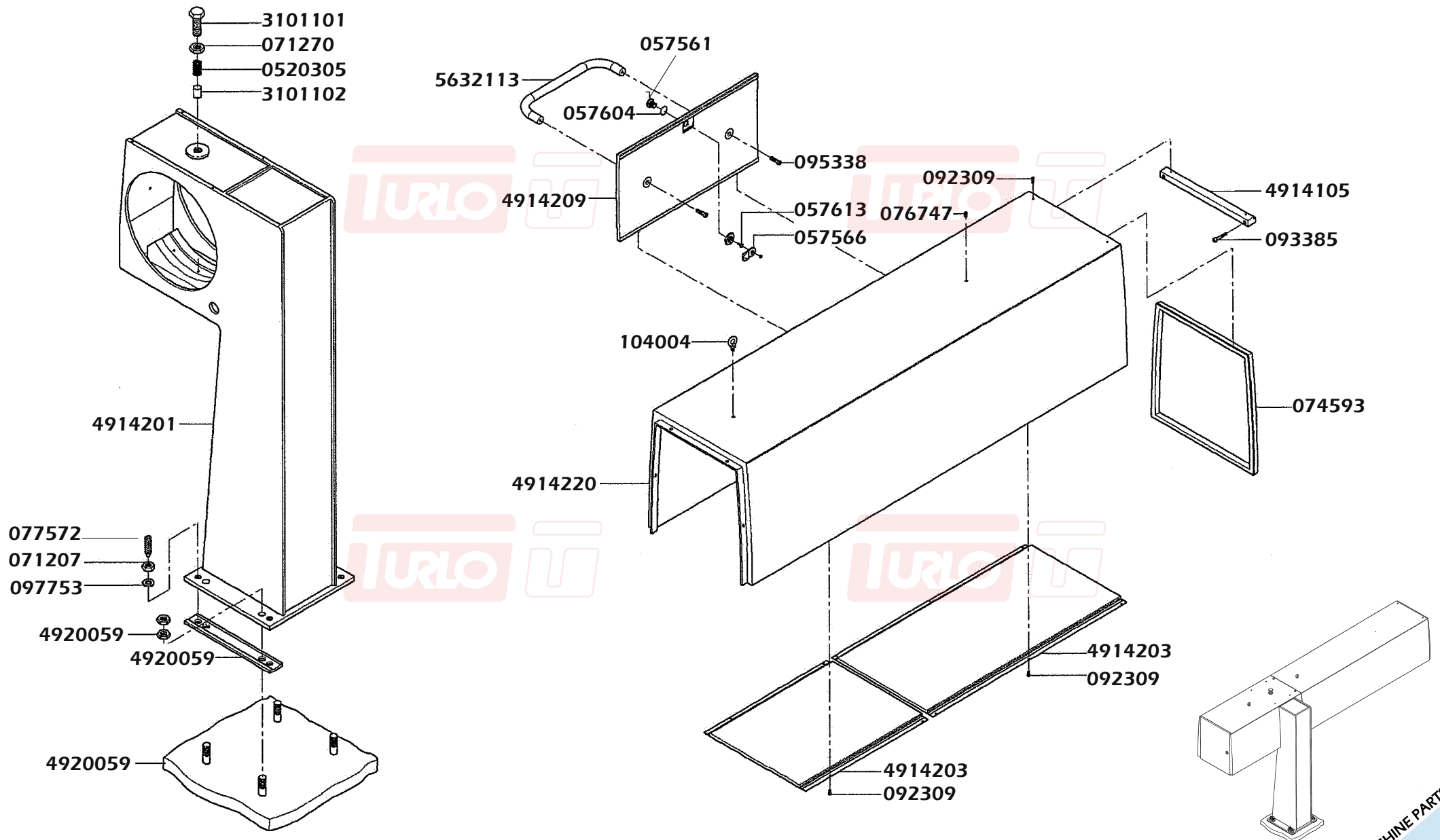
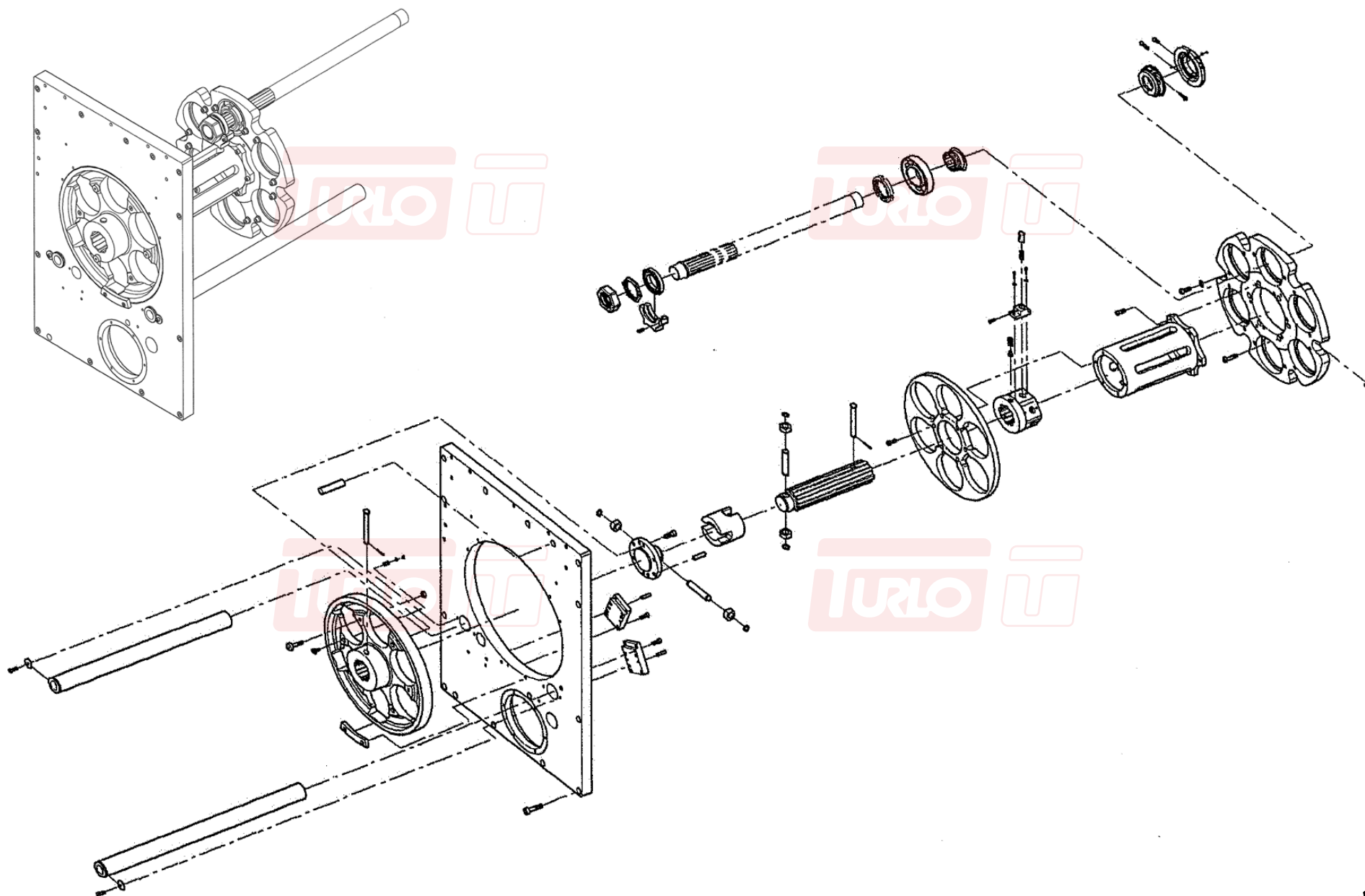
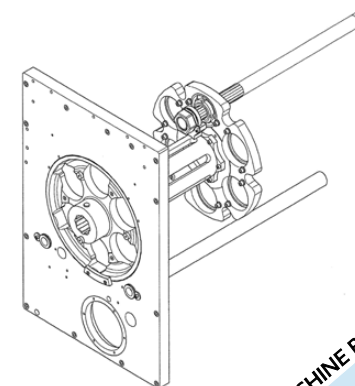
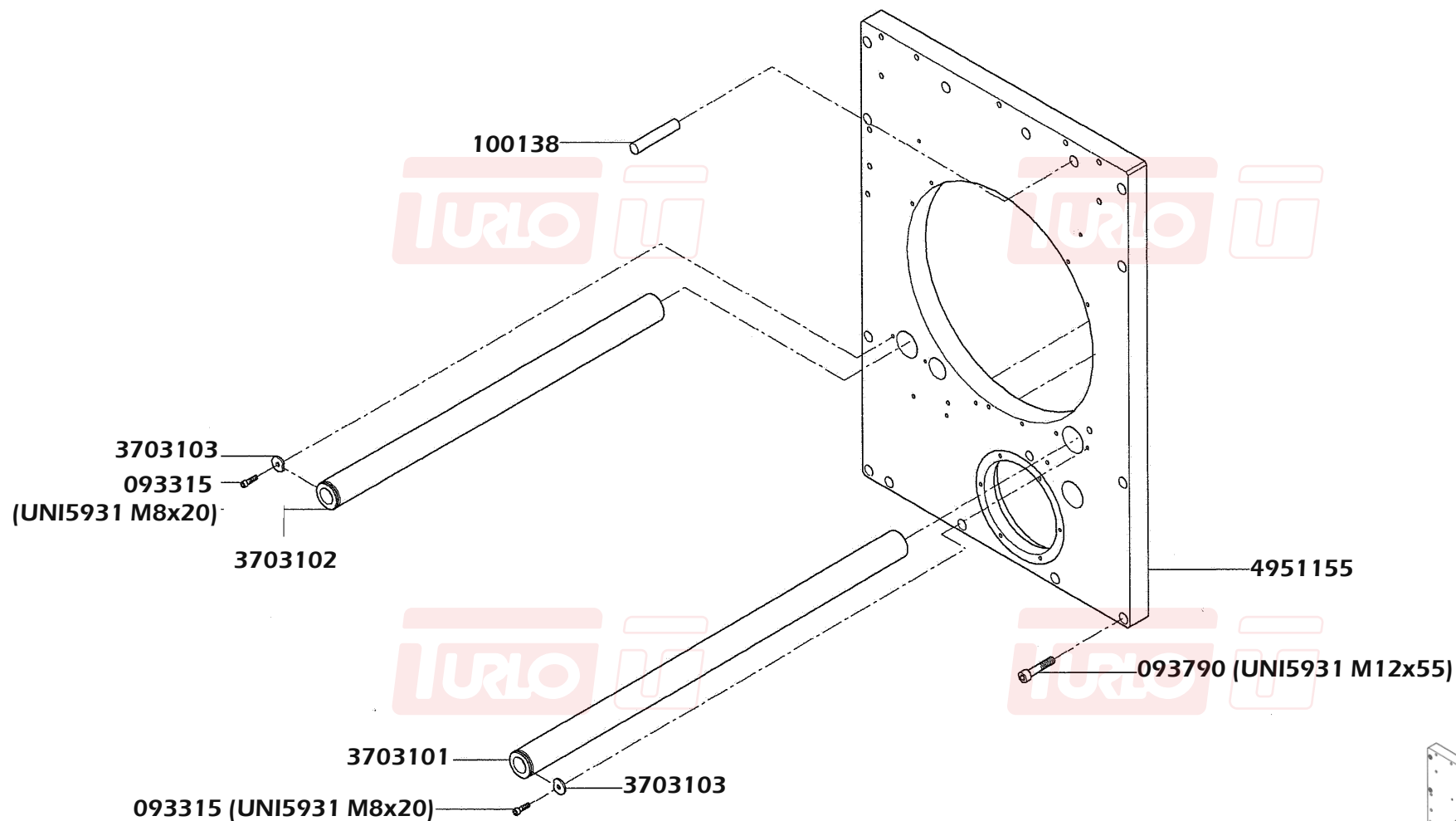


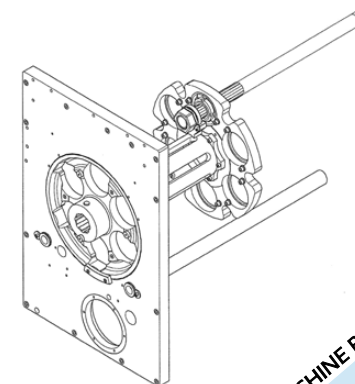
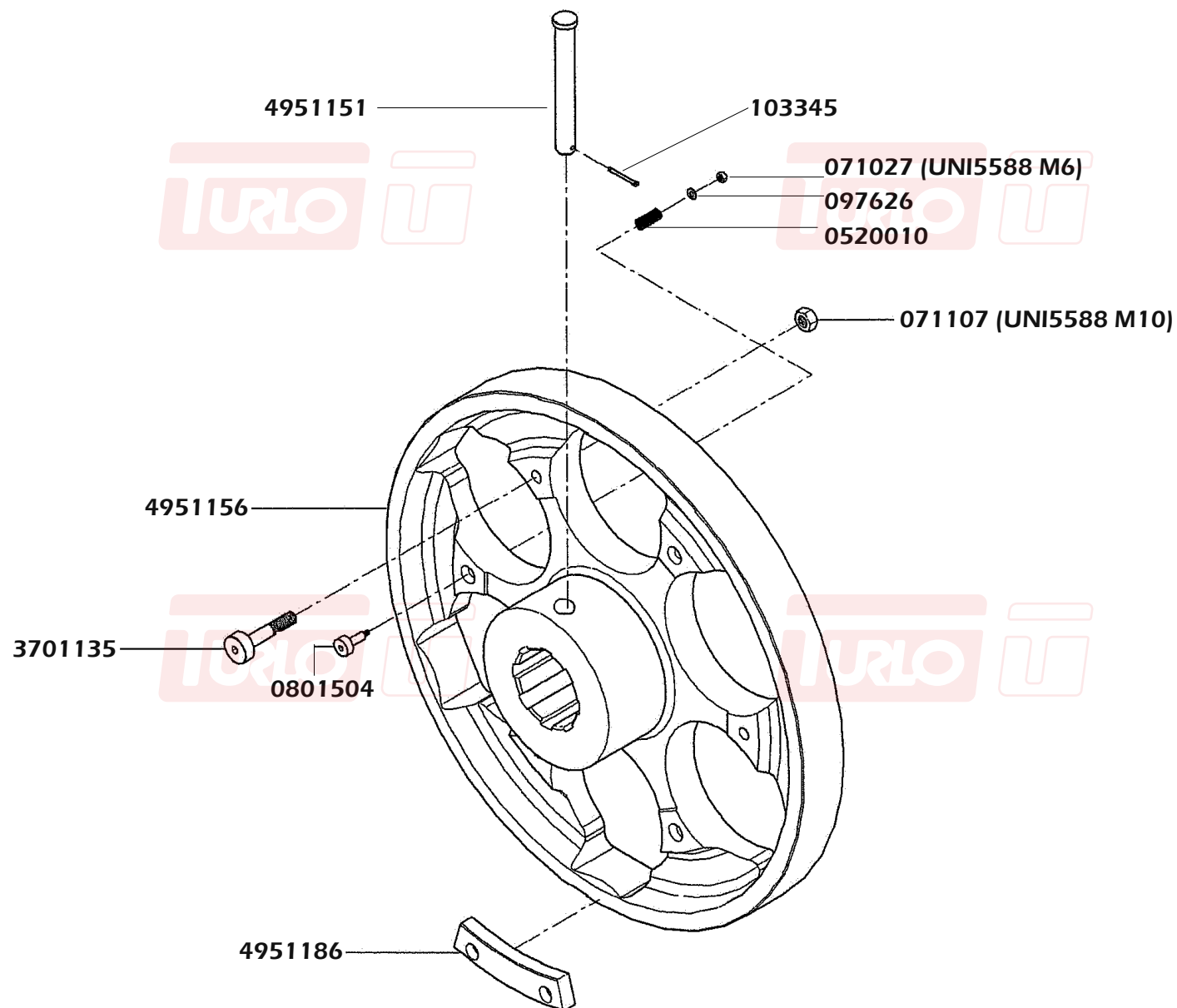
Tabella molle a pagina 148
Spring data table on page 148

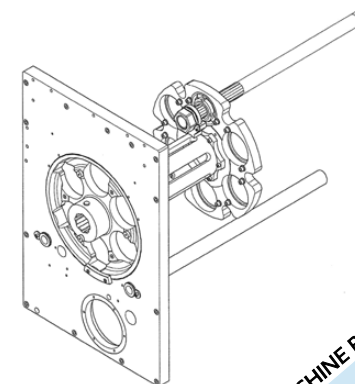
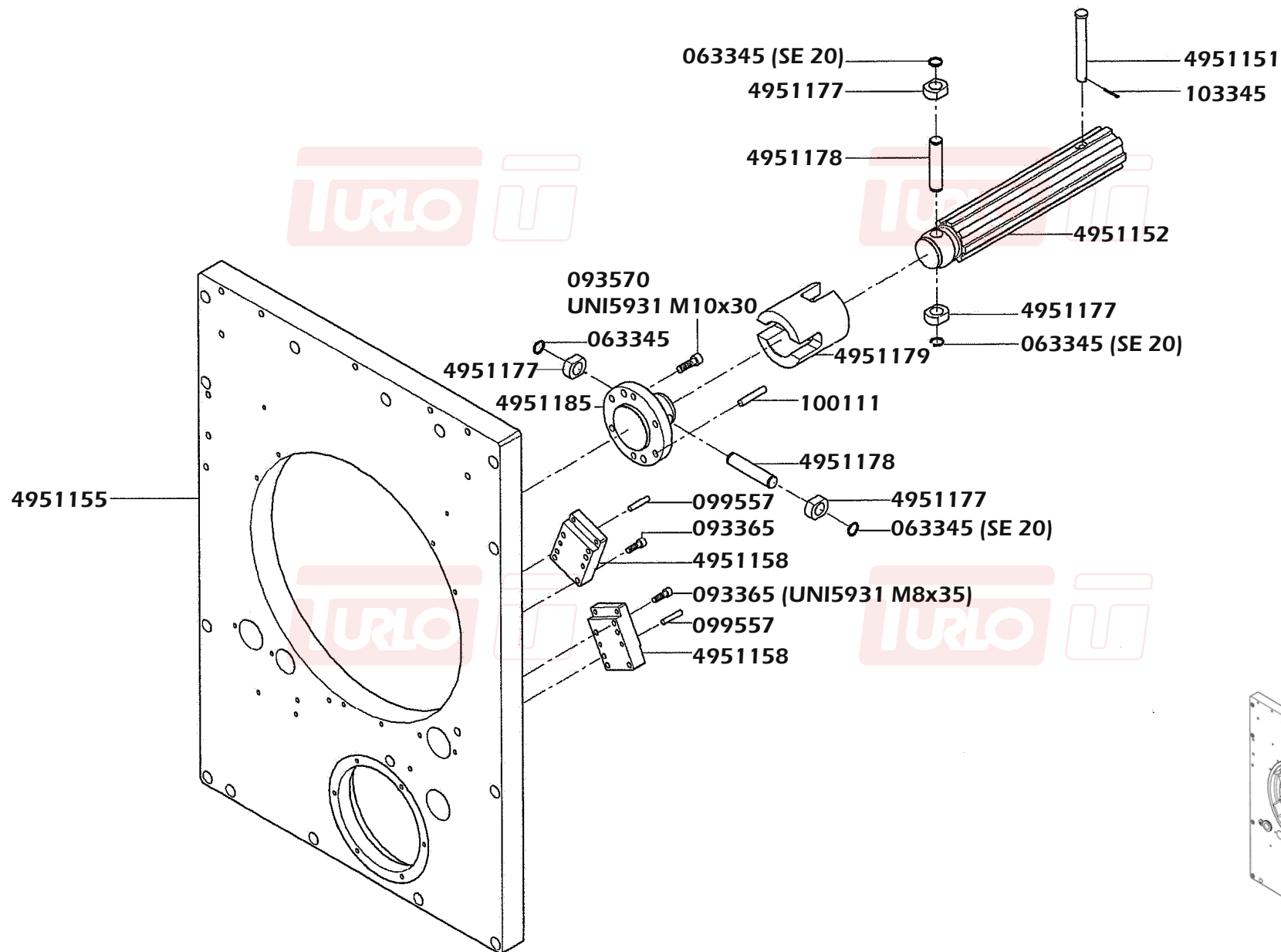


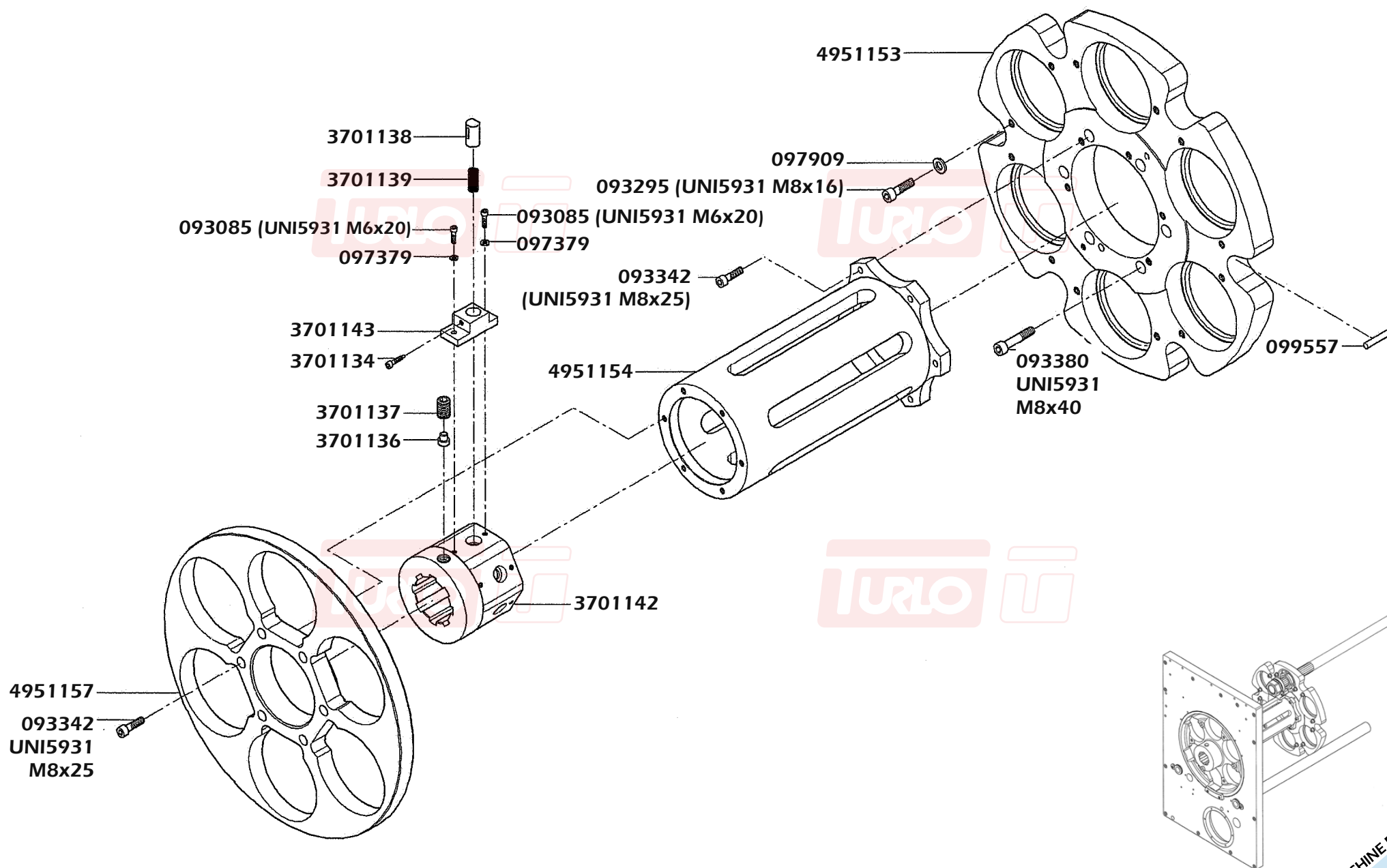












* Tiranti avanzamento barra a pagina 11

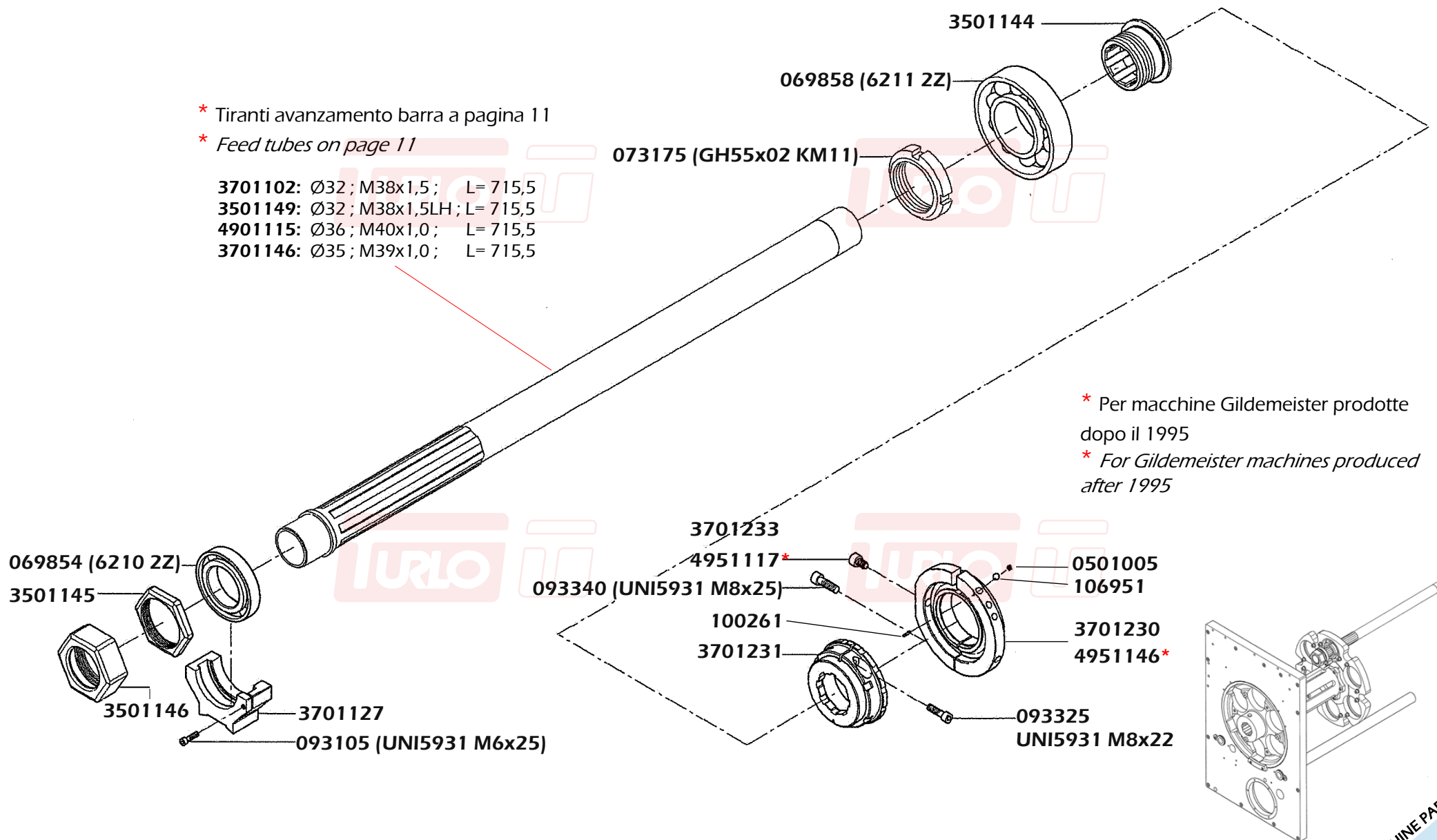
* Feed tubes on page 11

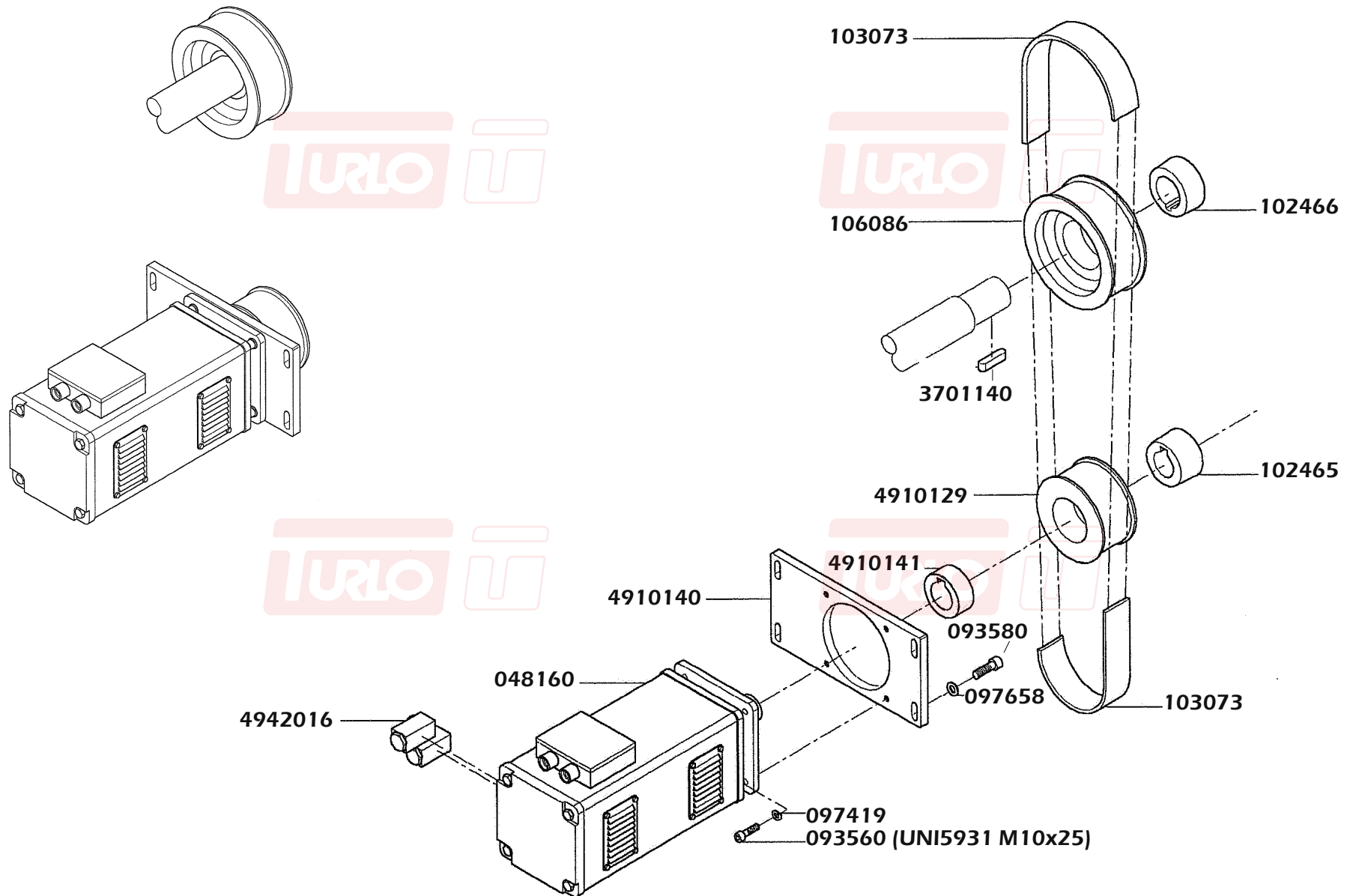
3701102: Ø32 ; M38x1,5 ; L= 715,5

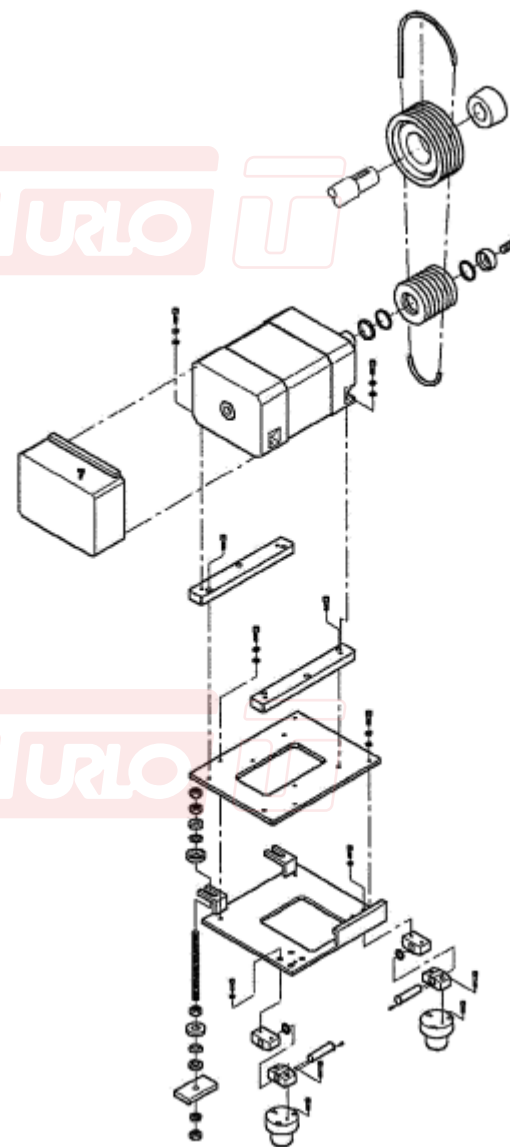
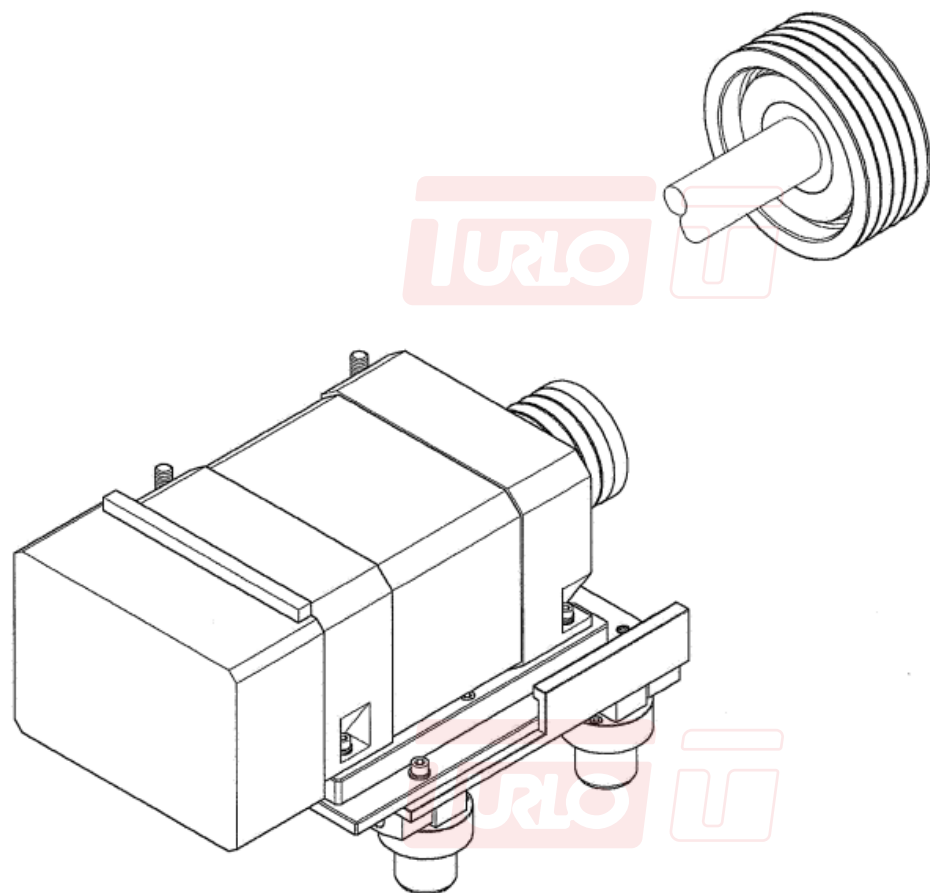
3501149: Ø32 ; M38x1,5LH ; L= 715,5

4901115: Ø36 ; M40x1,0 ; L= 715,5

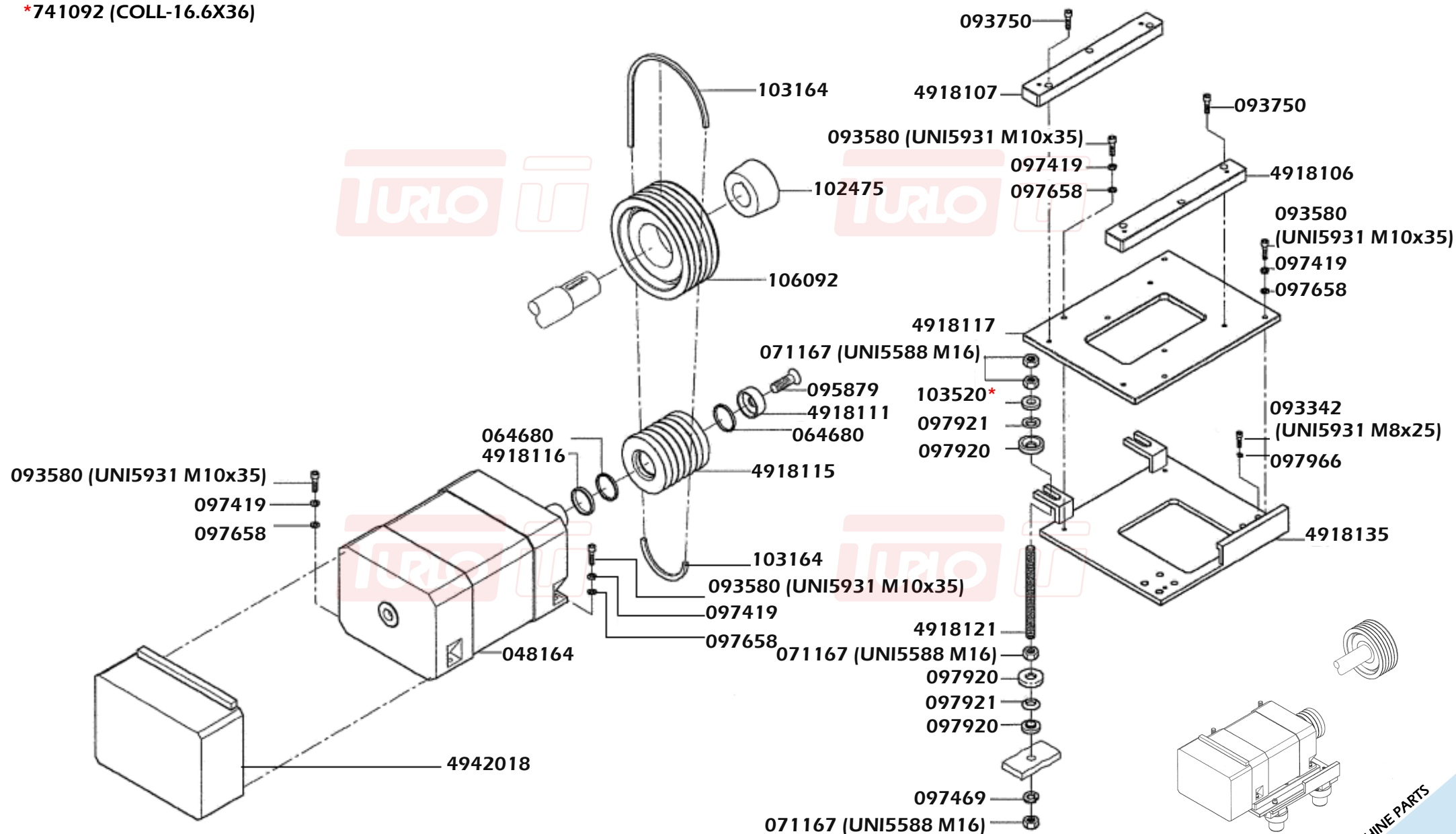
3701146: Ø35 ; M39x1,0 ; L= 715,5

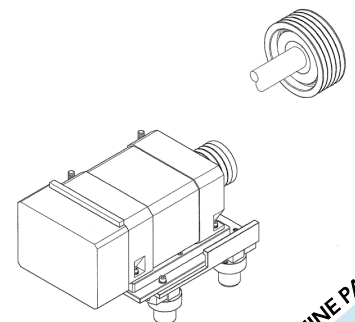
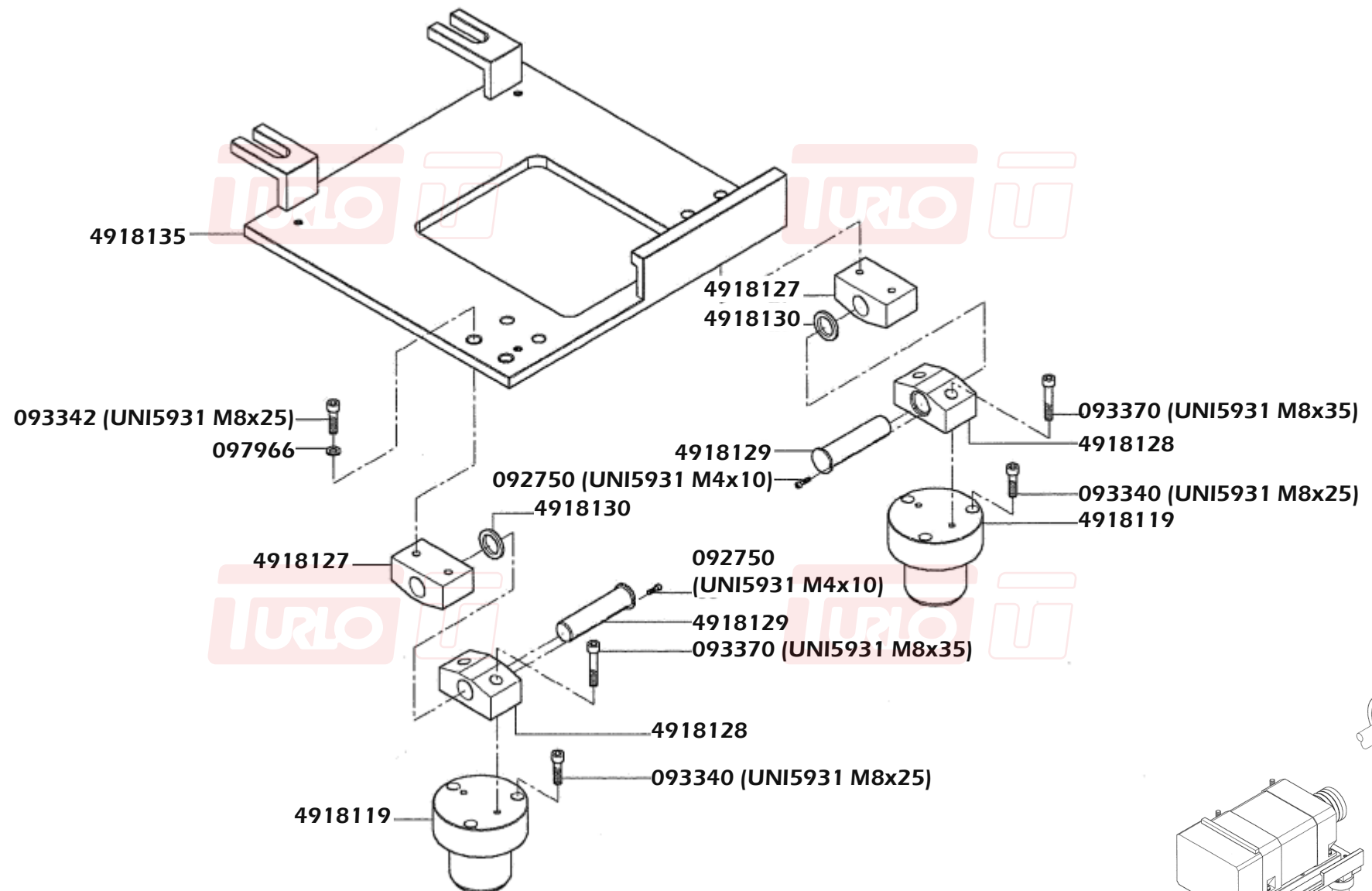


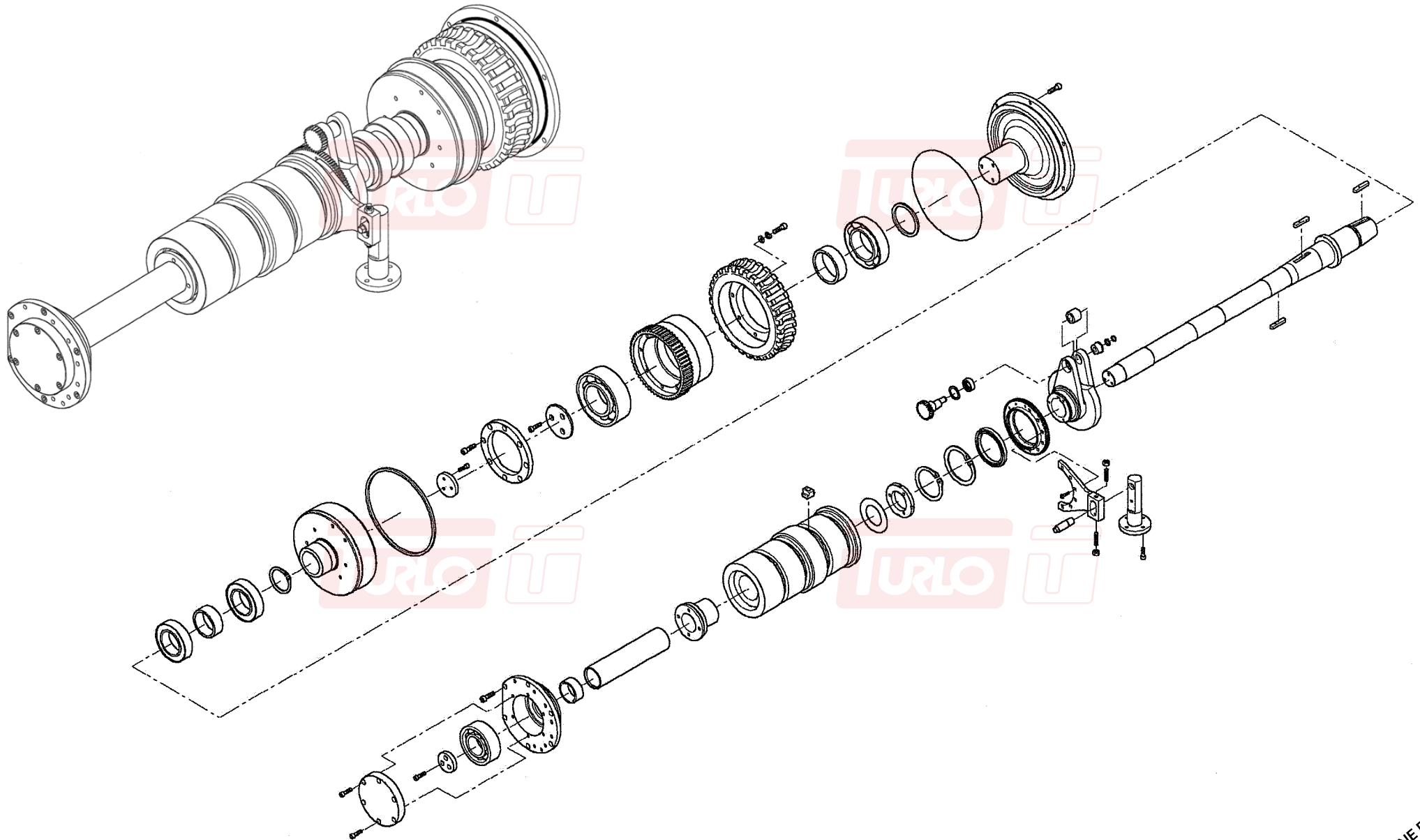


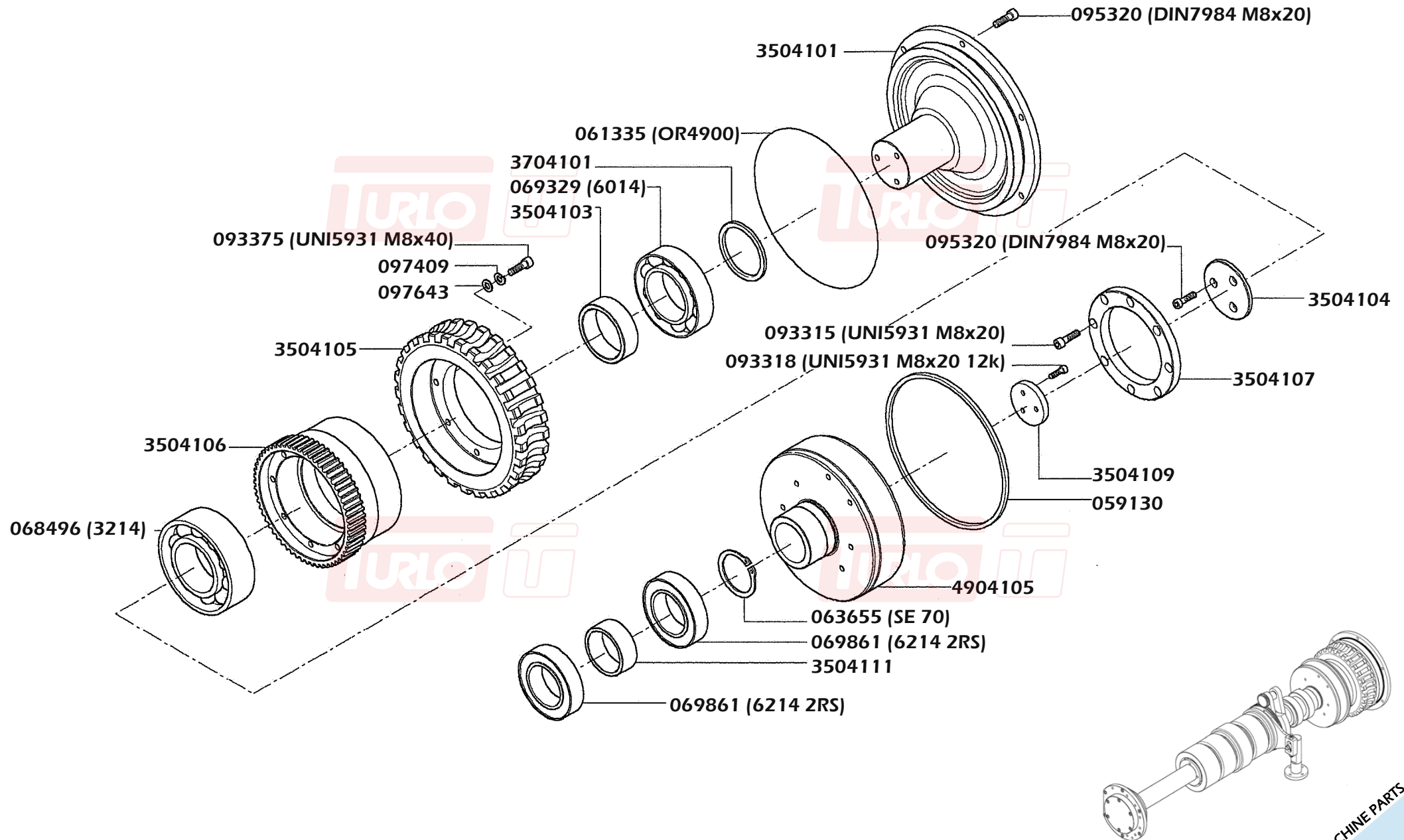


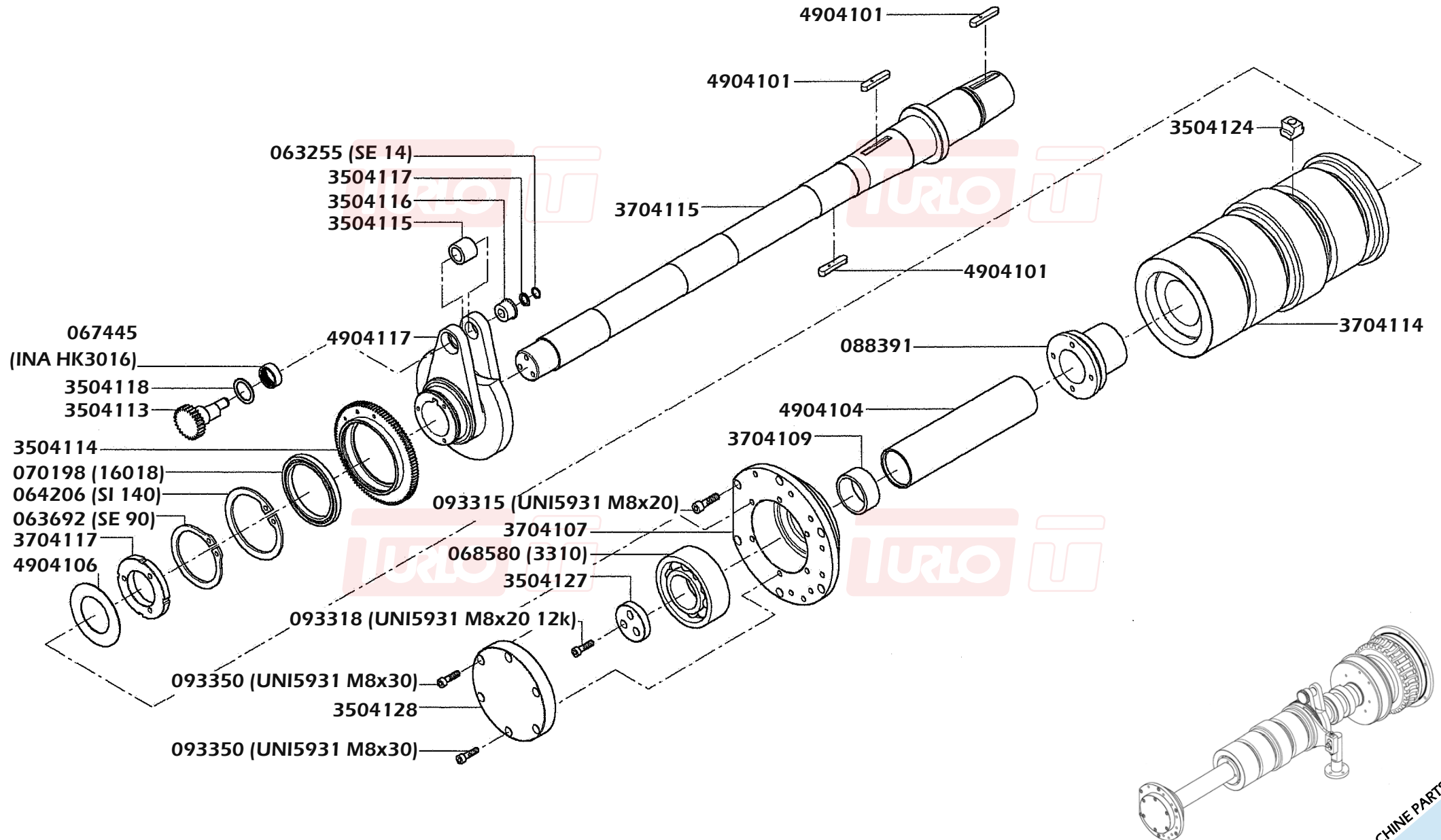
*741092 (COLL-16.6X36)

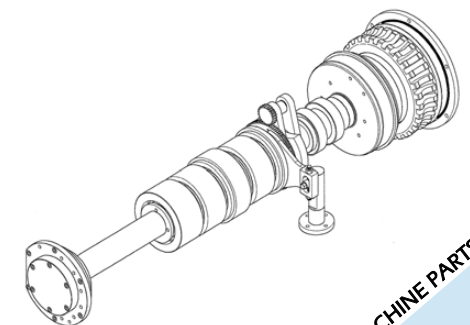
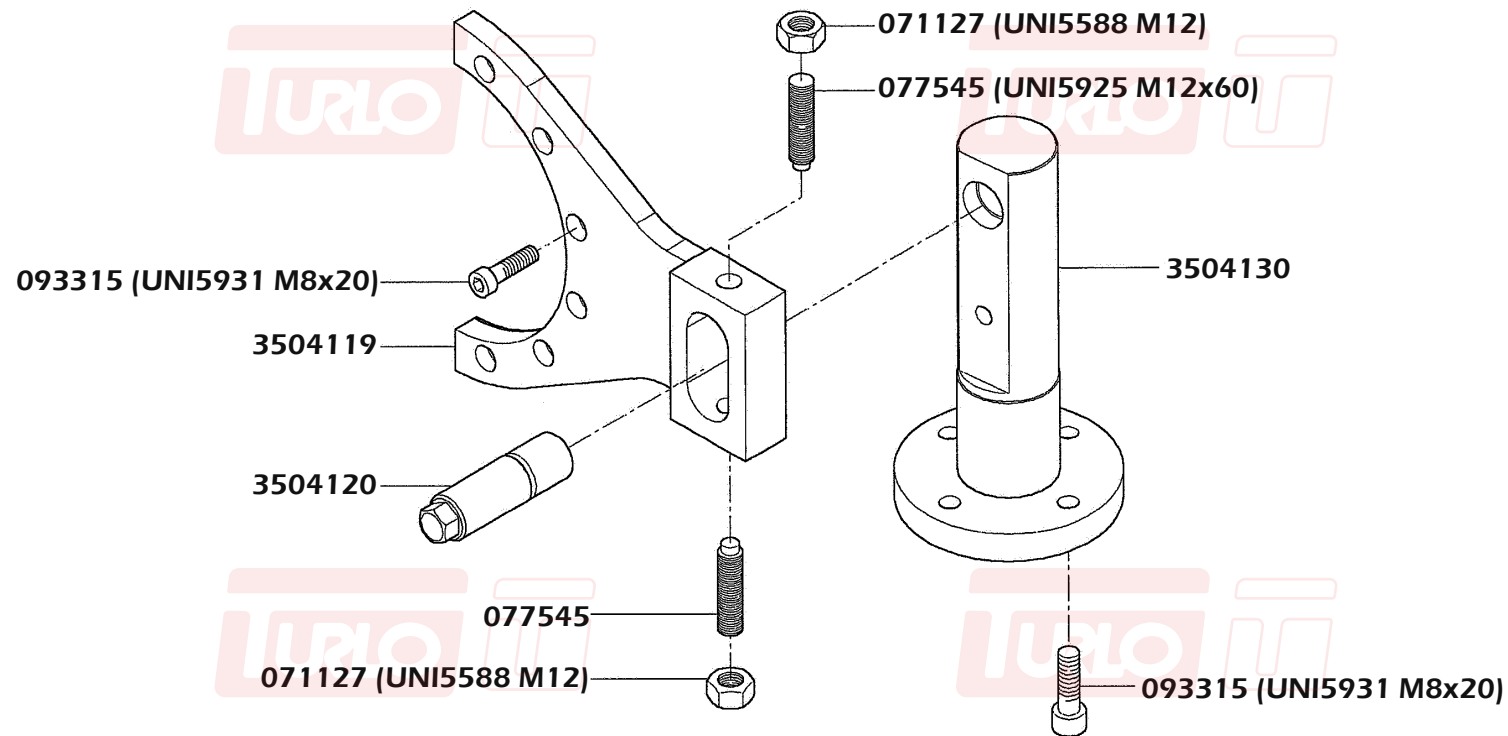


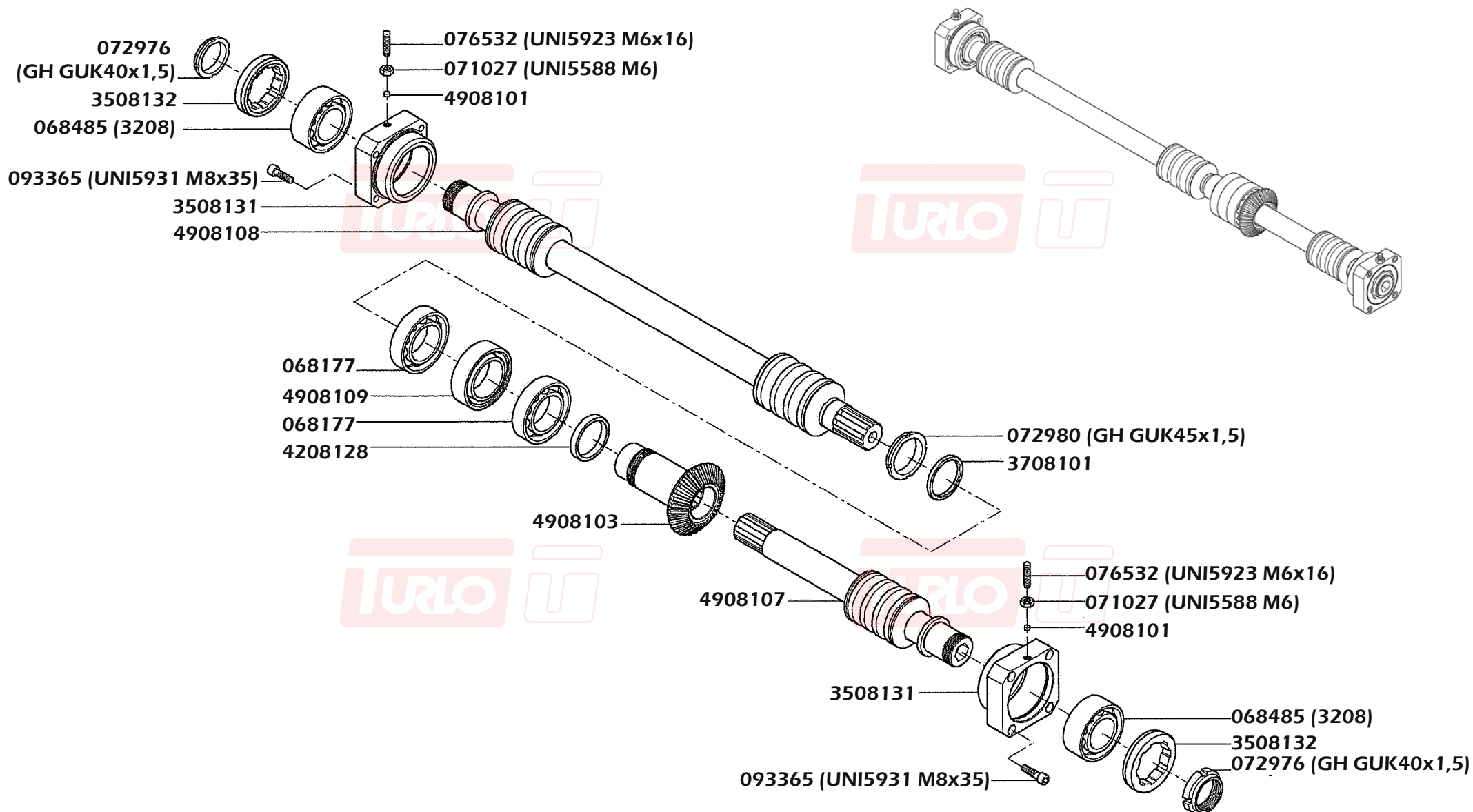


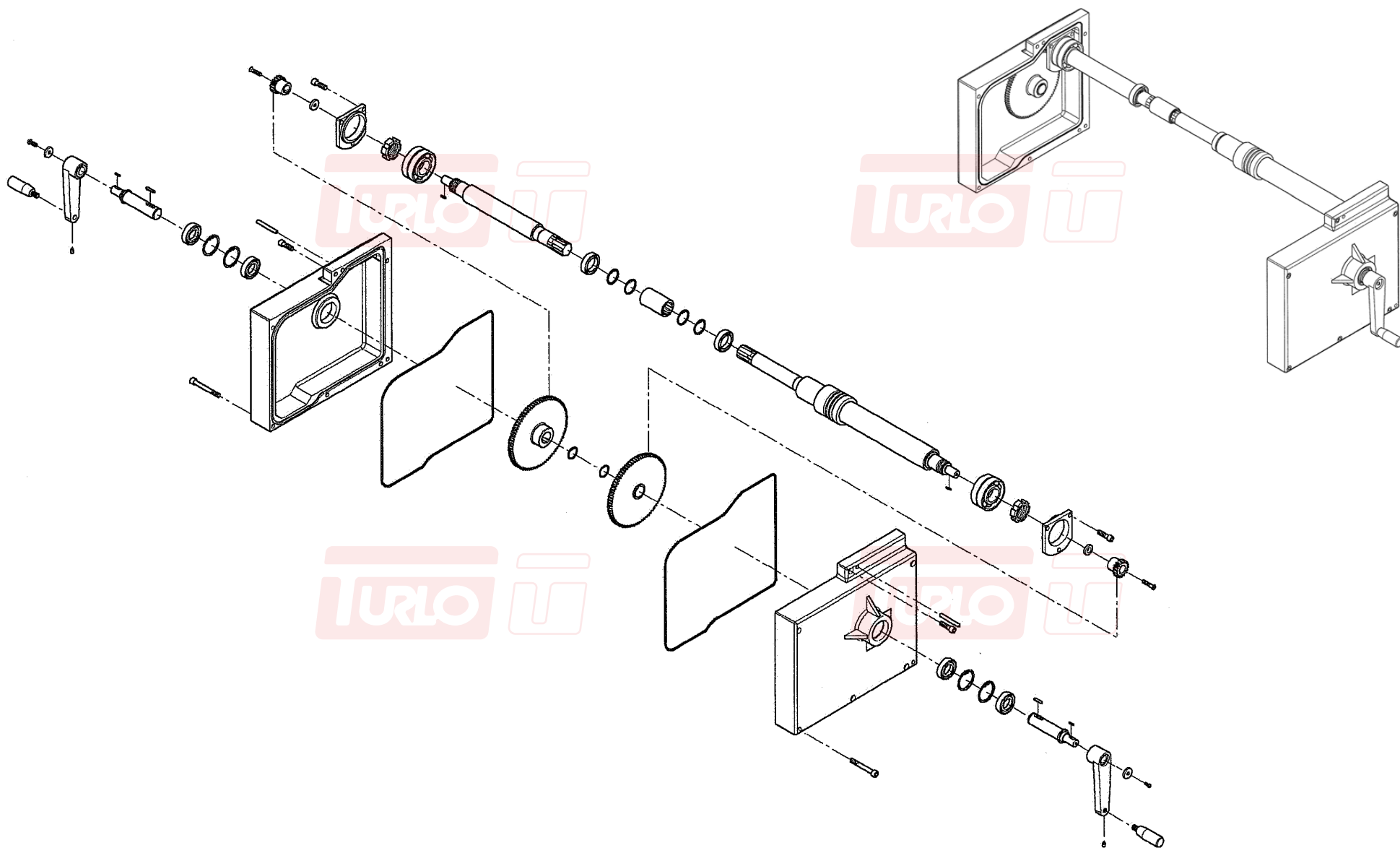


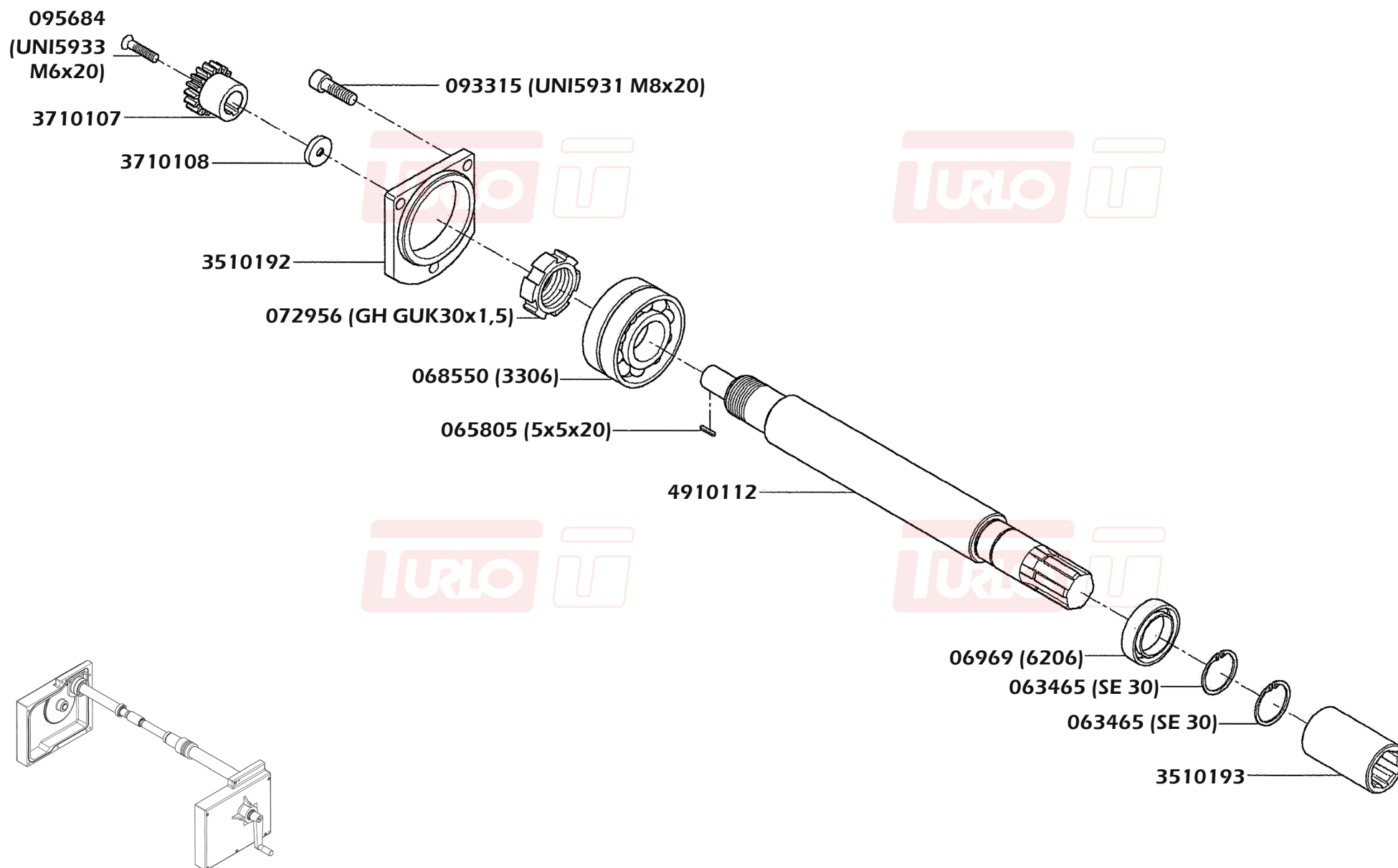


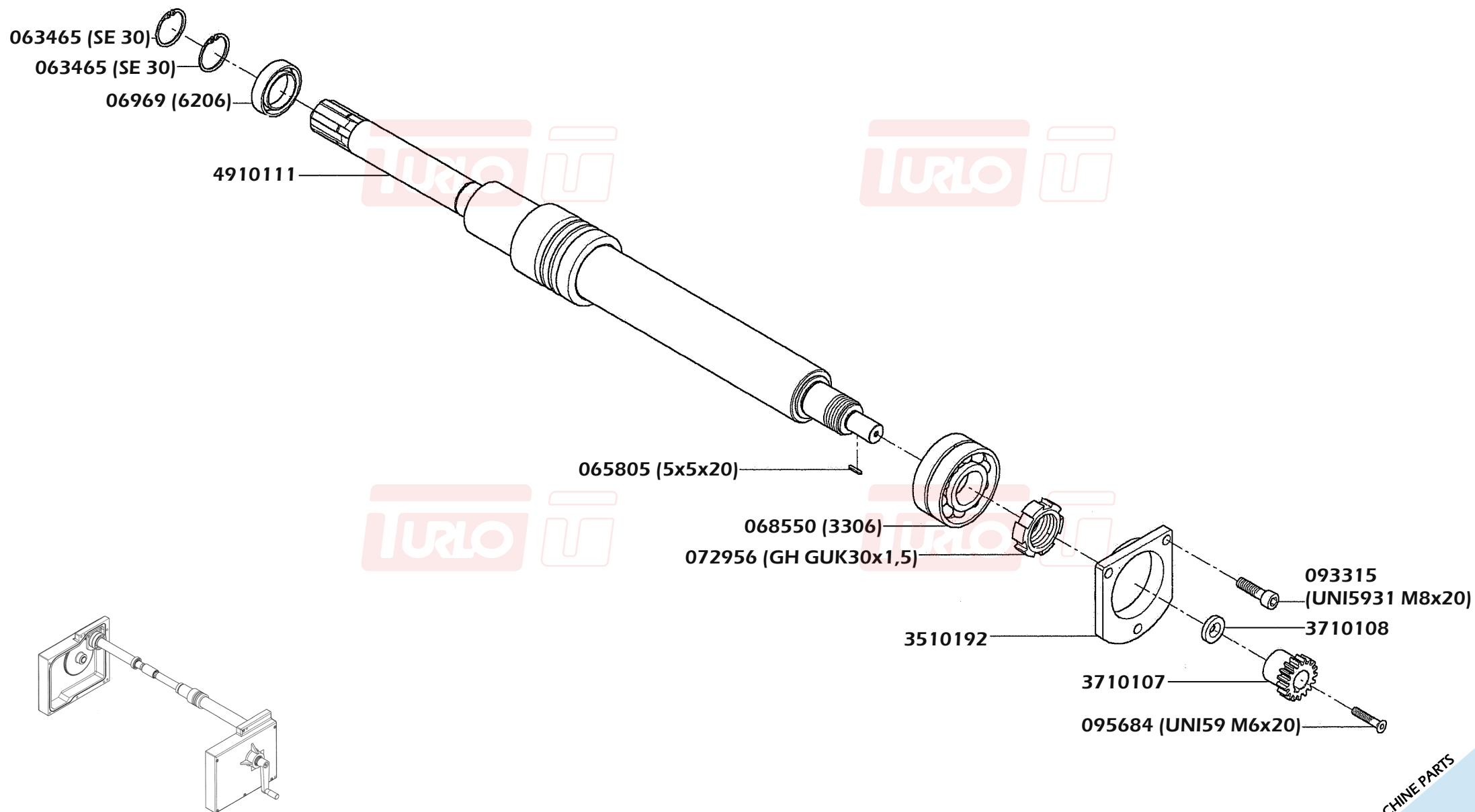


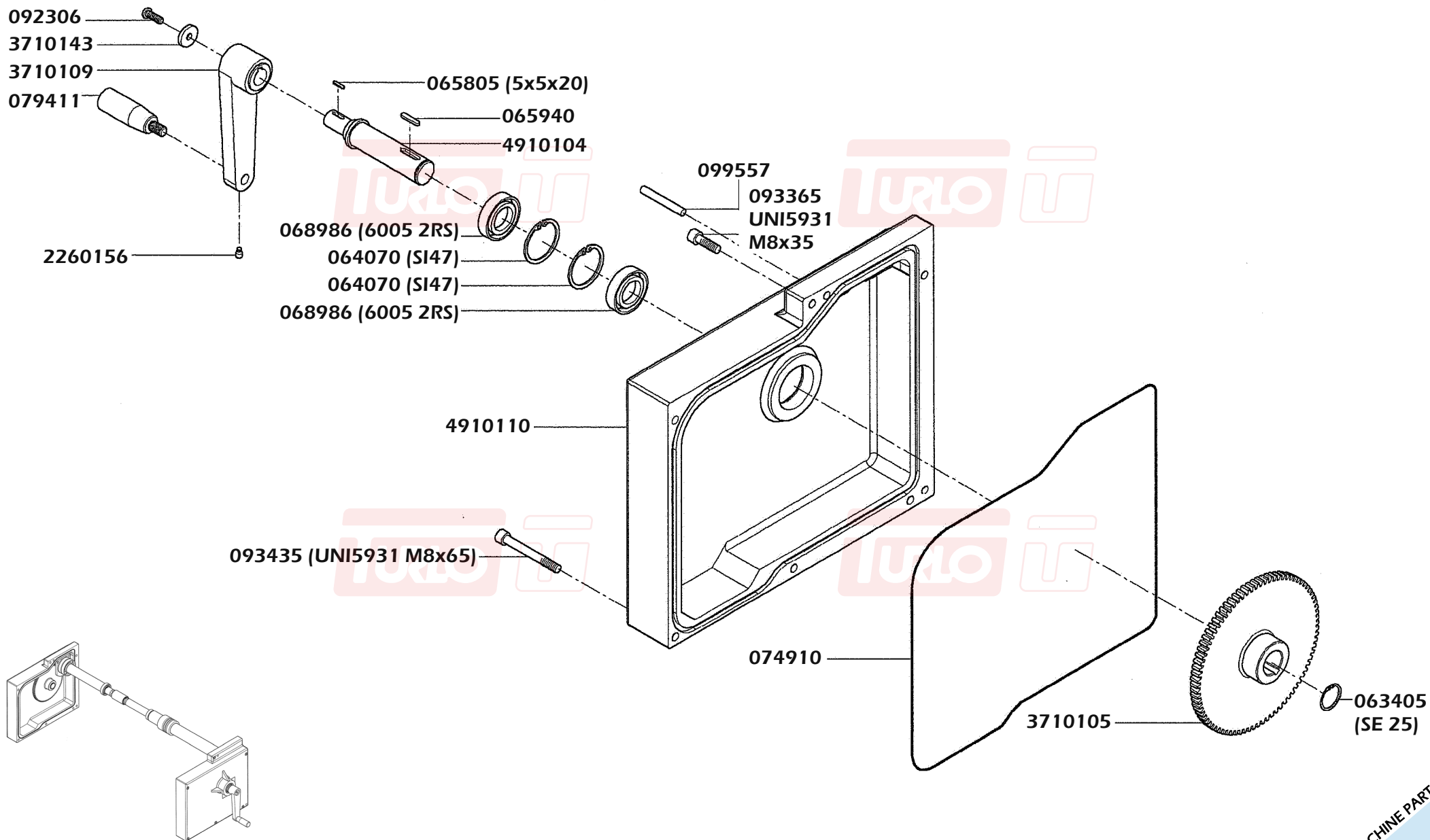


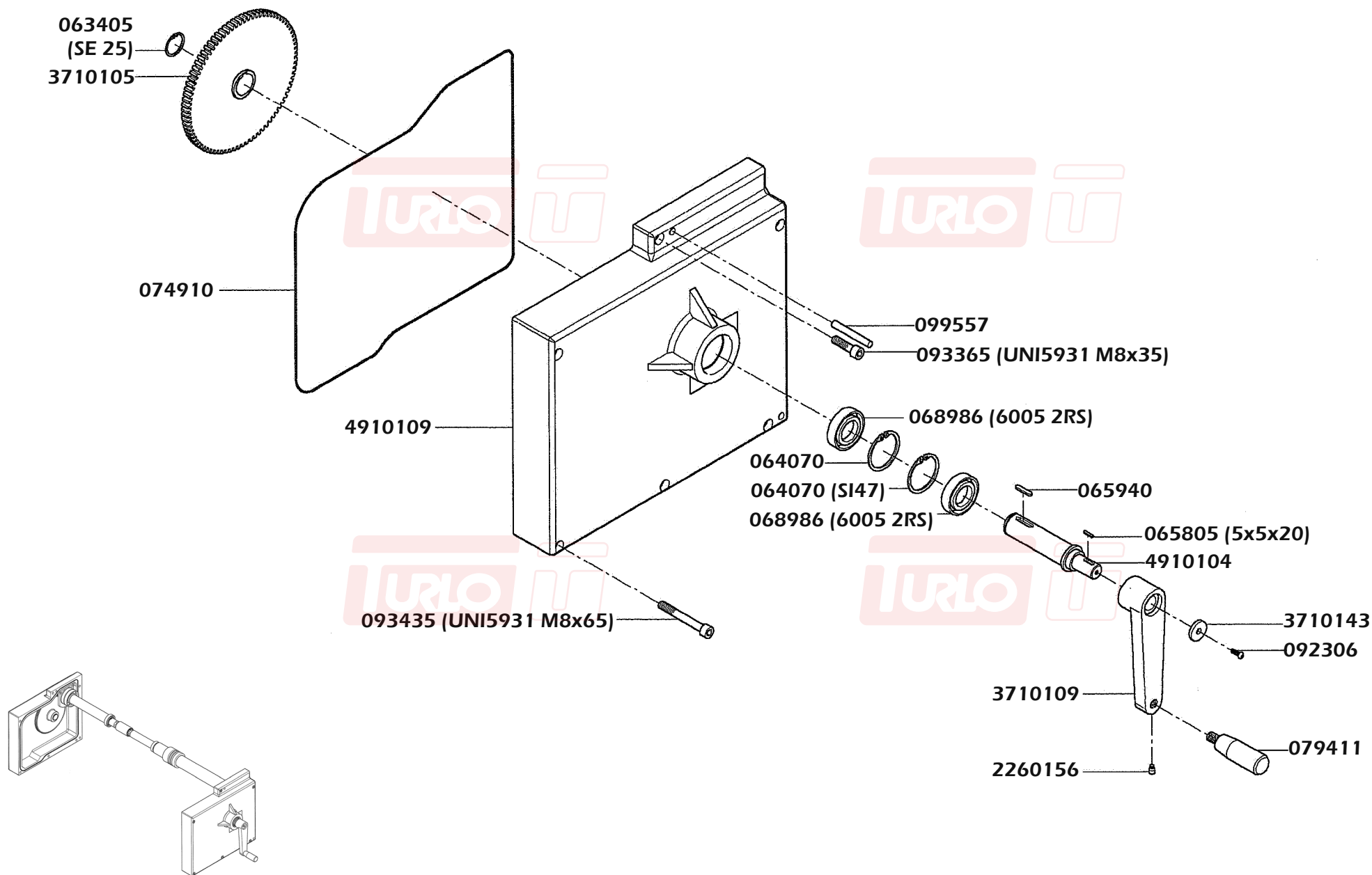


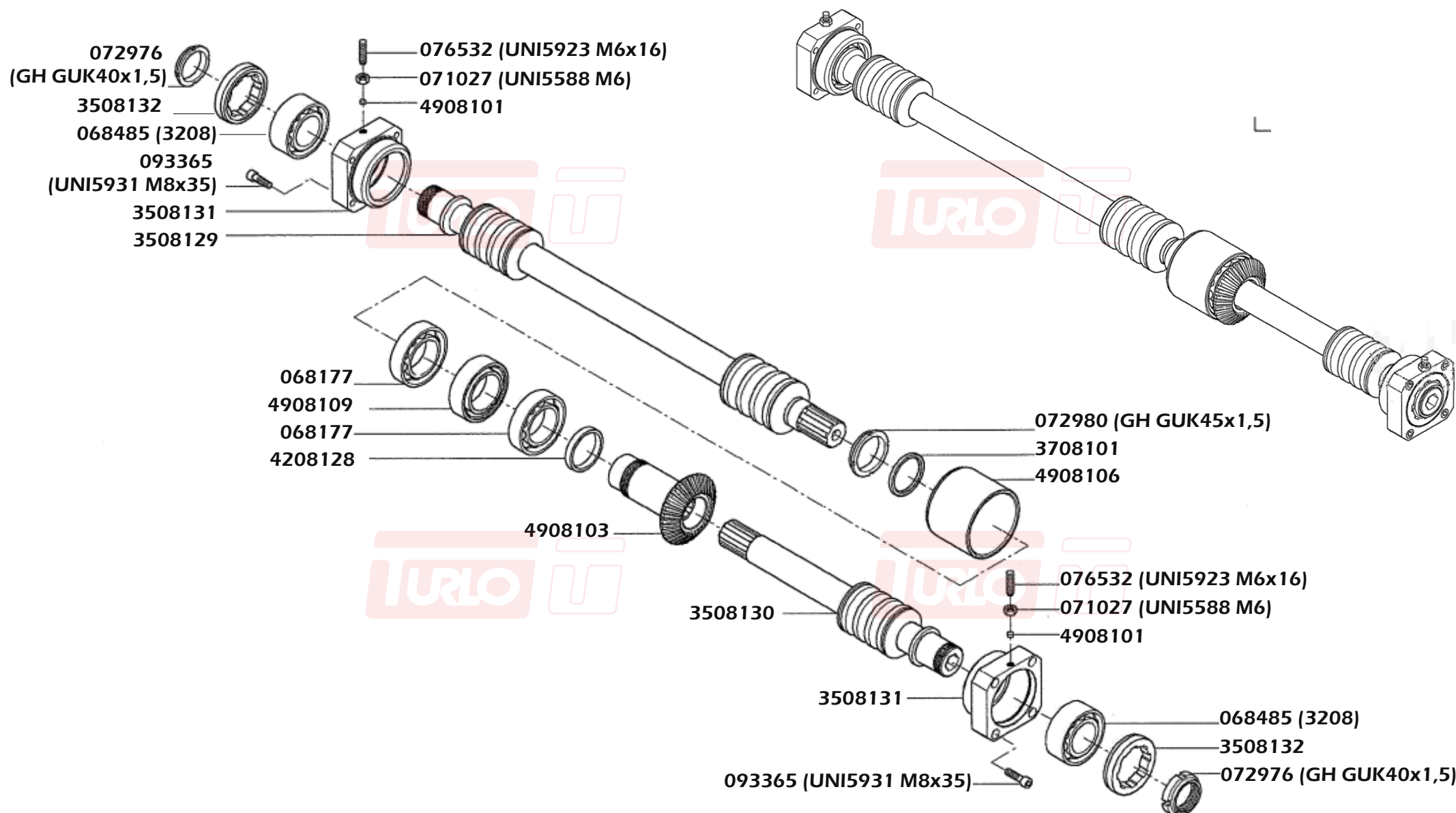


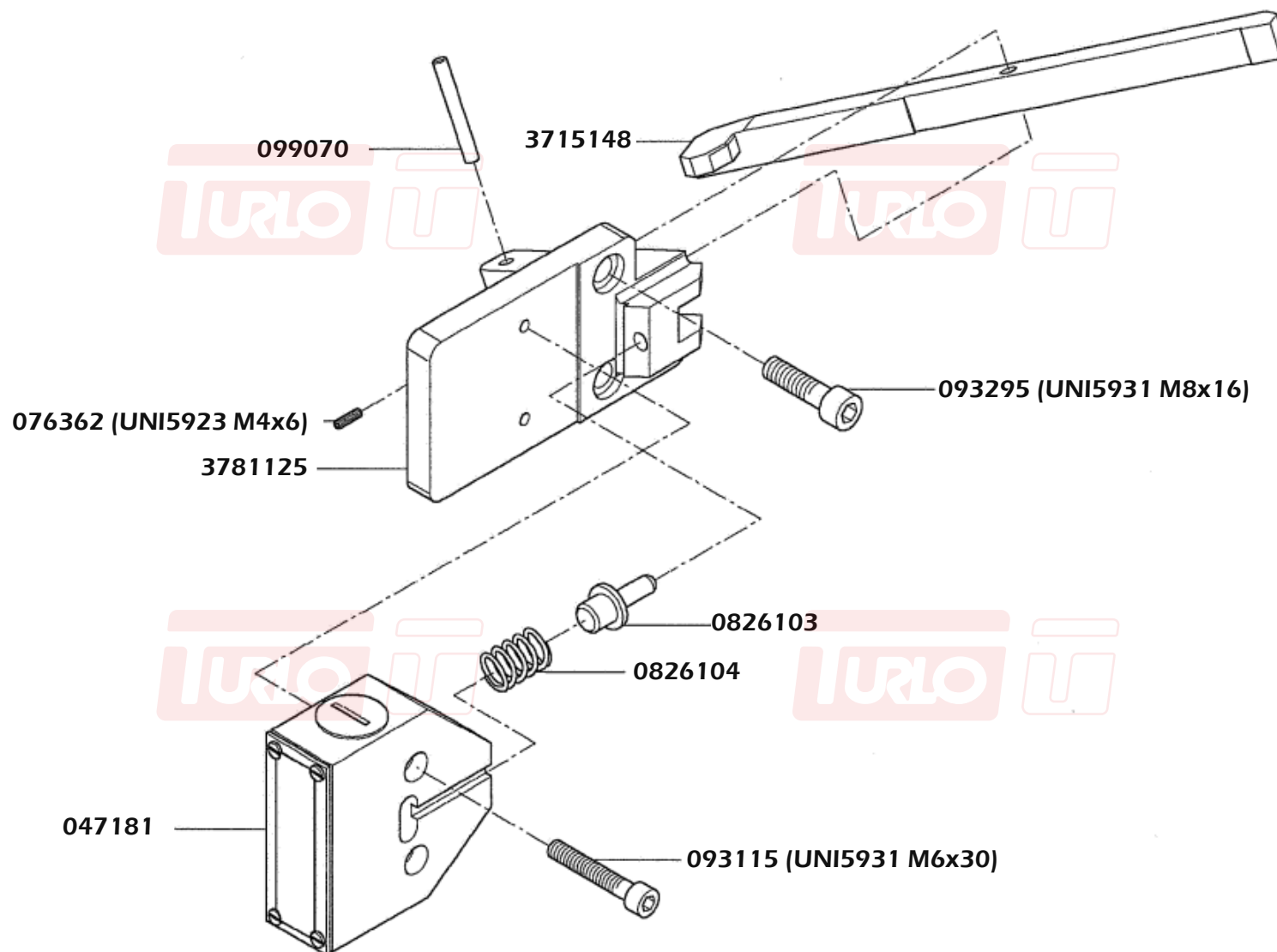


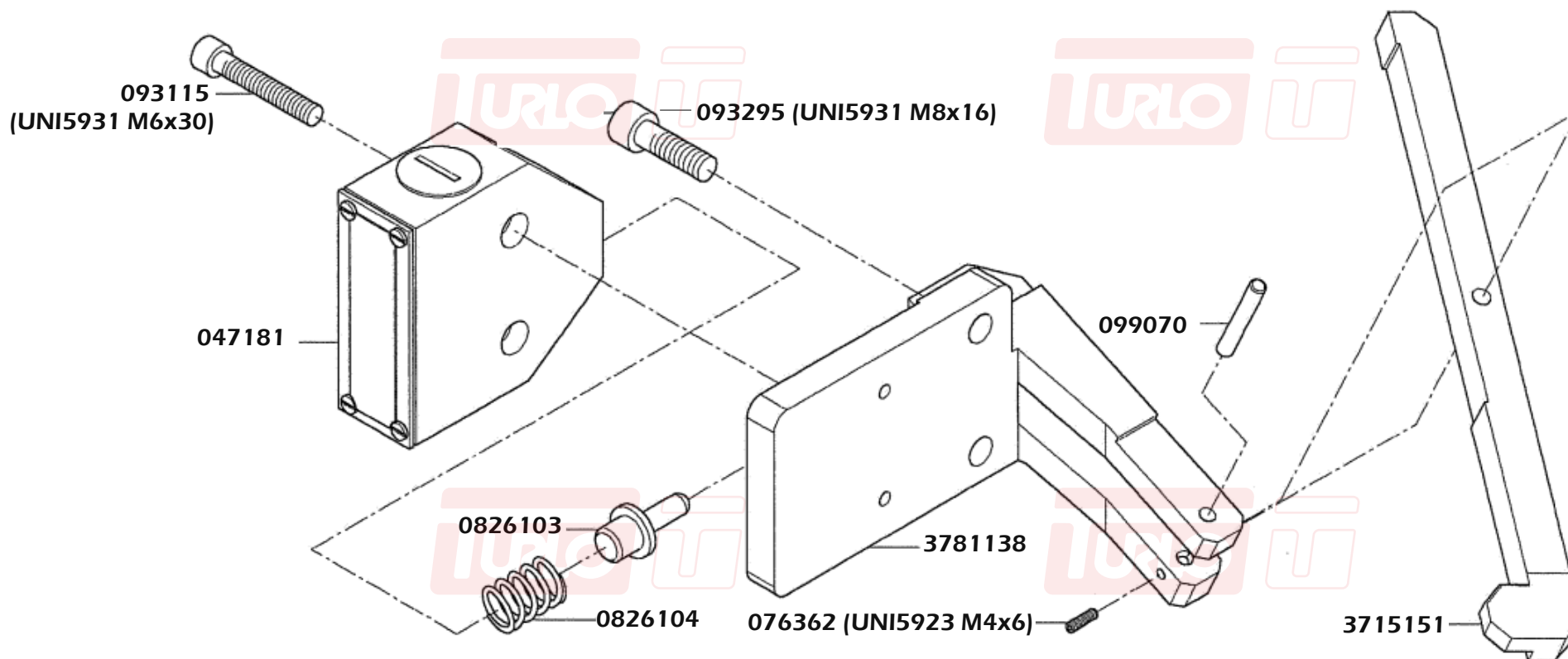


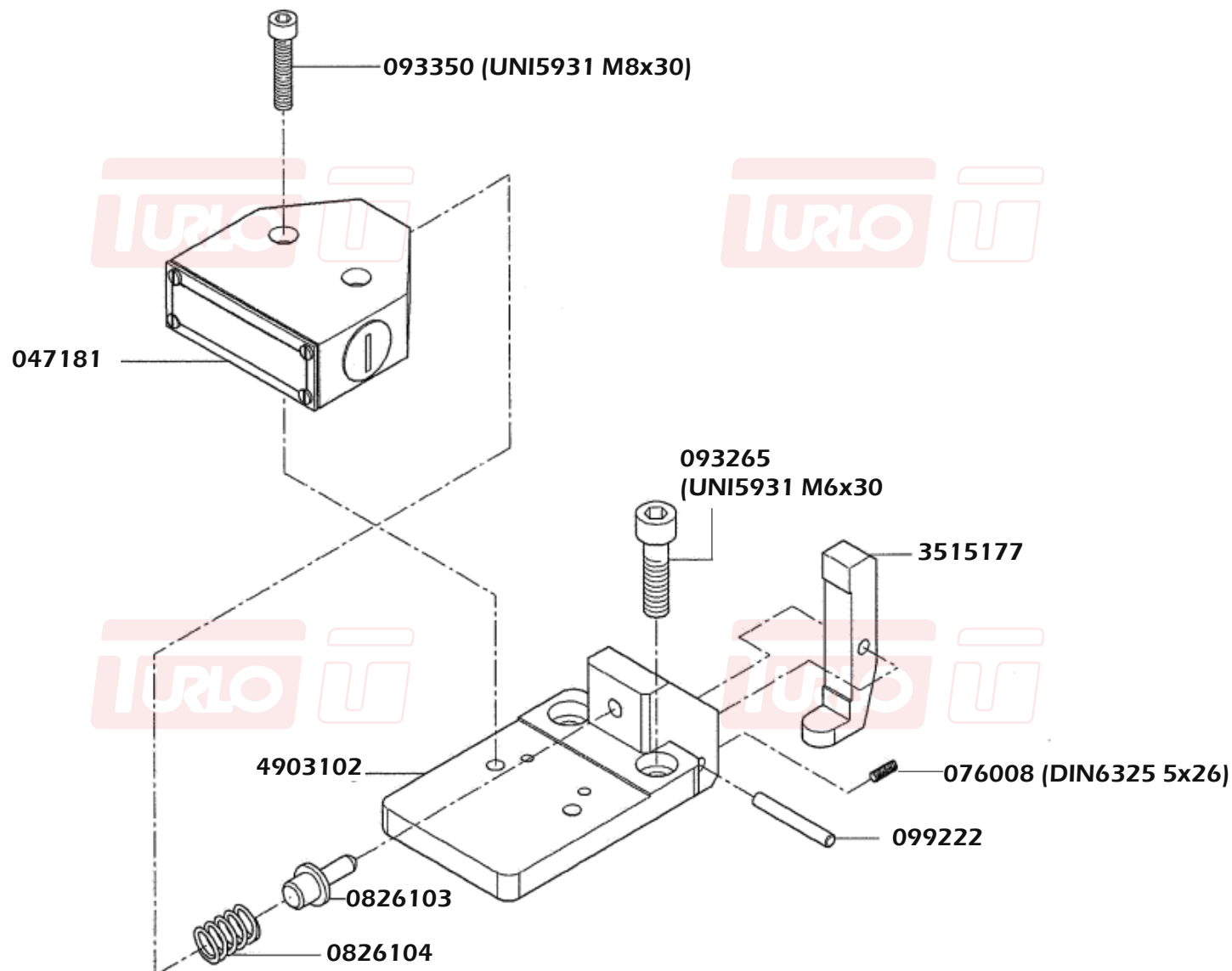














02

Accessori
Accessories



Per maggiori informazioni,
scansionare il QR code
nelle singole pagine.

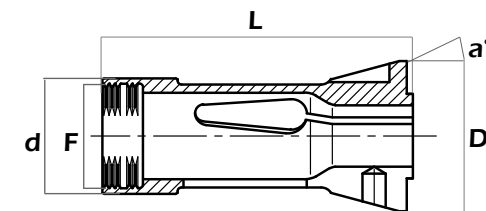
*For more information,
scan the QR code on the
individual pages.*





Pinze stringibarra / Clamping collets

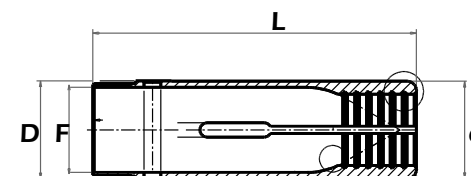
Codice	Codice interno	d	D	L	a	F	Max	
Code	Turlo's code							
9069 E 4801142 C1105300	PST/GM35	53	69,4	137	15°	M48x1,5 sx	35	31



---101512 Gommino per tagli / Rubber seal for cuts

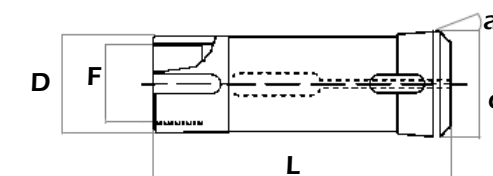
Pinze spingibarra / Feed fingers

Codice	Codice interno	d	D	L	F	Max	
Code	Turlo's code						
9335 E L1104123	PSP/GM35-6/SX	41	41,2	136	M39x 1 sx	35	31
9335 E 3701148 L1104124	PSP/GM35-6/DX	41	41,2	136	M39x 1 dx	35	31



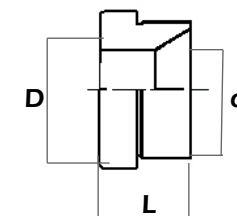
Pinze pick- up / Pick-up collets

Codice	Codice interno	d	D	L	a	F	Max	
Code	Turlo's code							
Q0003900	PPK/GM35/B	39	44	82	8°	AtcB Ø21x4	32	28
Q0003901	PPK/GM35/B-6	39	44	82	8°	AtcB Ø11x4	32	28
C0003900	PPK/GM35/TH	39	44	90	8°	M34x1 sx	32	28



Anelli guidabarra / Guide rings

Codice	Codice interno	d	D	L	Max	
Code	Turlo's code					
T1104201 3701141	BGB/GM35-T4201	42	47,8	43	35	30





Corsa delle slitte radiali con camme standard (Pos. 1-2-3-4-5-6) – Stroke of radial slides with standard cams (Pos. 1-2-3-4-5-6)

Codice	Angolo di lavoro	Angolo di salita	Angolo di discesa	Inizio lavoro	Fine lavoro	Angolo di riposo	Alzata rapida "H"	Alzata lavoro "h"
Code	Working angle	Slide angle	Drop angle	Work start	Work end	Rest angle	Fast Lift "H"	Work lift "h"
3729101	171°	51°	48°	3°	174°	0°	66	0
3729102	165°	51°	48°	3°	168°	6°	63,5	2,5
3729103	165°	51°	48°	3°	168°	6°	61	5
3729104	165°	51°	48°	3°	168°	6°	56	10
3729105	165°	51°	48°	3°	168°	6°	51	15
3729106	165°	51°	48°	3°	168°	6°	46	20
3729107	165°	51°	48°	3°	168°	6°	41	25
3729108	165°	51°	48°	3°	168°	6°	34	32
3729109	165°	51°	48°	3°	168°	6°	26	40



Corsa delle slitte assiali con camme standard (Pos. 1-2-4-5) – Stroke of axial slides with standard cams (Pos. 1-2-4-5)

Codice	Angolo di lavoro	Angolo di salita	Angolo di discesa	Inizio lavoro	Fine lavoro	Angolo di riposo	Alzata rapida "H"	Alzata lavoro "h"
Code	Working angle	Slide angle	Drop angle	Work start	Work end	Rest angle	Fast Lift "H"	Work lift "h"
3732102	159°	0°	48°	9°	165°	12°	66	0



Corsa dei mandrini frontali con camme standard (Pos.1-2-3-4-5-6) – Frontal spindles stroke with standard cams (Pos. 1-2-3-4-5-6)

Codice	Angolo di lavoro	Angolo di salita	Angolo di discesa	Inizio lavoro	Fine lavoro	Angolo di riposo	Alzata rapida "H"	Alzata lavoro "h"
Code	Working angle	Slide angle	Drop angle	Work start	Work end	Rest angle	Fast Lift "H"	Work lift "h"
3729101	171°	51°	48°	3°	174°	0°	66	0
3729102	165°	51°	48°	3°	168°	6°	63,5	2,5
3729103	165°	51°	48°	3°	168°	6°	61	5
3729104	165°	51°	48°	3°	168°	6°	56	10
3729105	165°	51°	48°	3°	168°	6°	51	15
3729106	165°	51°	48°	3°	168°	6°	46	20
3729107	165°	51°	48°	3°	168°	6°	41	25
3729108	165°	51°	48°	3°	168°	6°	34	32
3729109	165°	51°	48°	3°	168°	6°	26	40



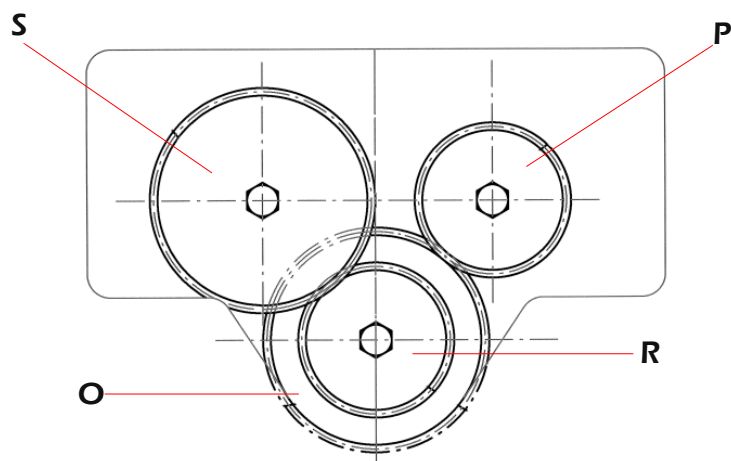
Corsa del supporto centrale con camme standard (Pos.1-2-3-4-5-6) – Stroke of central support with standard cams (Pos.1-2-3-4-5-6)

Codice	Angolo di lavoro	Angolo di salita	Angolo di discesa	Inizio lavoro	Fine lavoro	Angolo di riposo	Alzata rapida "H"	Alzata lavoro "h"
Code	Working angle	Slide angle	Drop angle	Work start	Work end	Rest angle	Fast Lift "H"	Work lift "h"
3733102	165°	51°	48°	3°	168°	6°	64	3
3733103	165°	51°	48°	3°	168°	6°	61	5
3733104	165°	51°	48°	3°	168°	6°	56	10
3733105	165°	51°	48°	3°	168°	6°	51	15
3733106	165°	51°	48°	3°	168°	6°	46	20

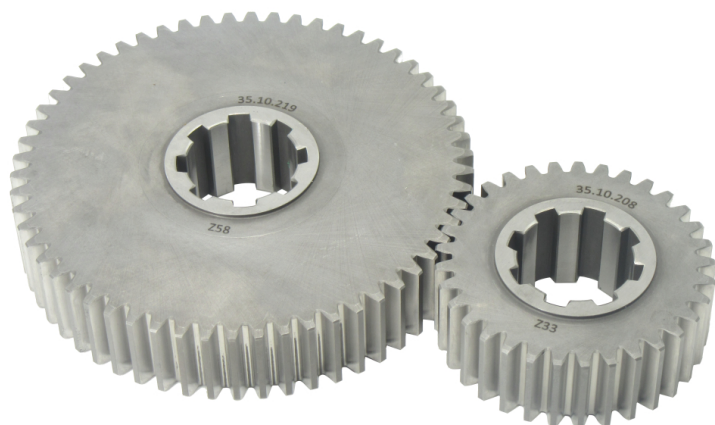




Cambio delle velocità di filettatura – Threading ratios

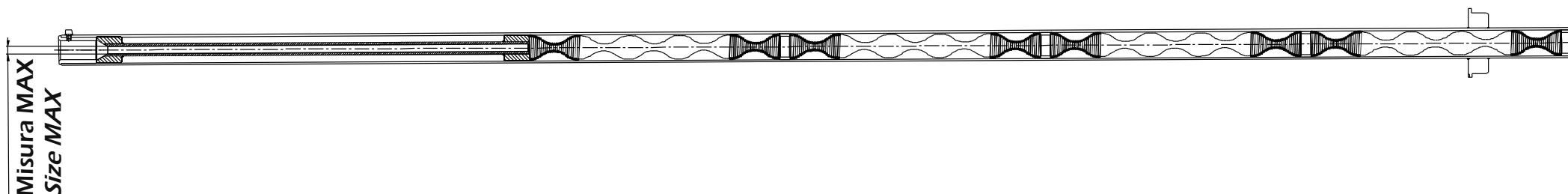


Andata filetto dx - Right-handed in-speed threading ratio					Ritorno filetto dx - Right-handed off-speed threading ratio				
Ingranaggio P Gear P		Ingranaggio O Gear O		Rapporto filettatura Threading ratio	Ingranaggio S Gear S		Ingranaggio R Gear R		Rapporto filettatura Threading ratio
Code	Z	Code	Z		Code	Z	Code	Z	
3510208	33	3510219	58	0,43	3510219	58	3510208	33	0,76
3510209	35	3510218	56	0,37	3510218	56	3510209	35	0,60
3510210	37	3510217	54	0,31	3510217	54	3510210	37	0,47
3510211	39	3510216	52	0,25	3510216	52	3510211	39	0,33
3510212	41	3510215	50	0,18	3510215	50	3510212	41	0,22
3510213	43	3510214	48	0,10	3510214	48	3510213	43	0,11



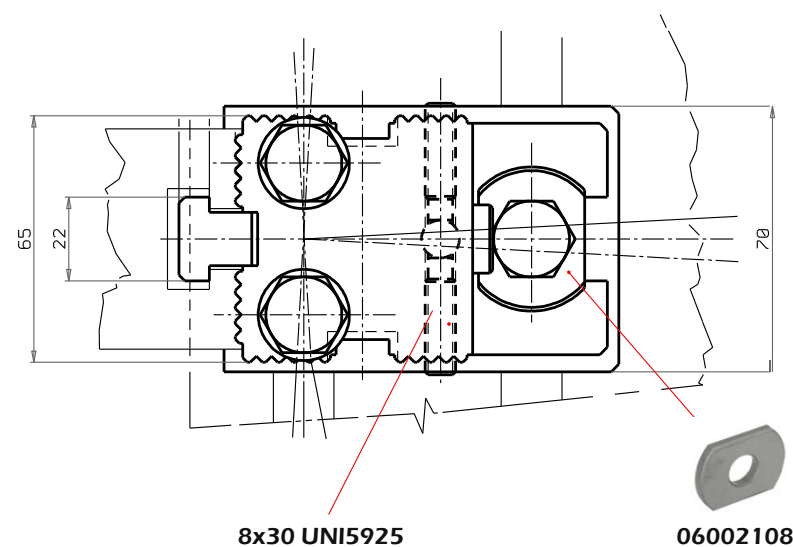
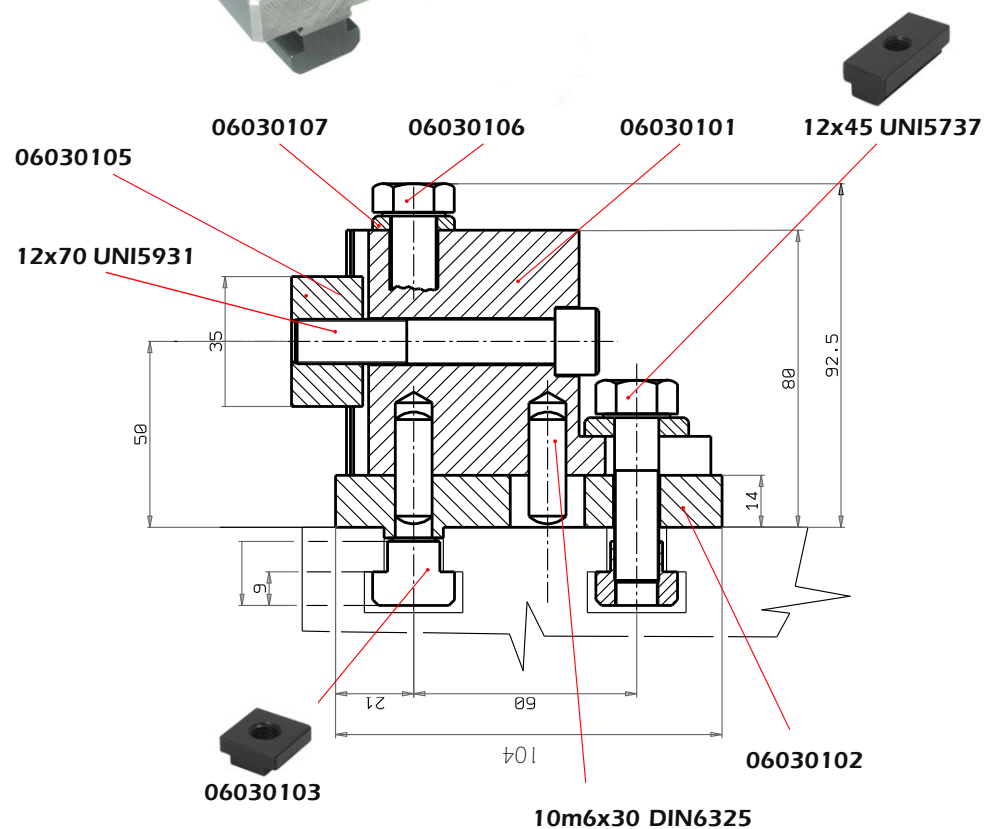
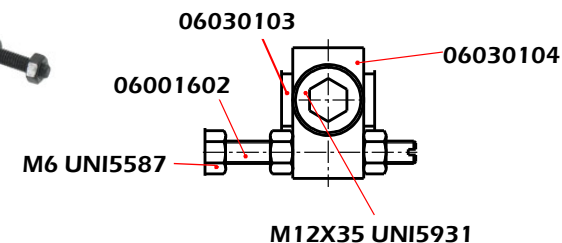
Andata filetto sx - Left-handed in-speed threading ratio					Ritorno filetto sx - Left-handed off-speed threading ratio				
Ingranaggio P Gear P		Ingranaggio O Gear O		Rapporto filettatura Threading ratio	Ingranaggio S Gear S		Ingranaggio R Gear R		Rapporto filettatura Threading ratio
Code	Z	Code	Z		Code	Z	Code	Z	
3510219	58	3510208	33	0,76	3510208	33	3510219	58	0,43
3510218	56	3510209	35	0,60	3510209	35	3510218	56	0,37
3510217	54	3510210	37	0,47	3510210	37	3510217	54	0,31
3510216	52	3510211	39	0,33	3510211	39	3510216	52	0,25
3510215	50	3510212	41	0,22	3510212	41	3510215	50	0,18
3510214	48	3510213	43	0,11	3510213	43	3510214	48	0,10

	3714005	3714006	3714007	3714008	3714012
	< 8	8,1 : 14	14,1 : 21	21,1 : 32	32,1 : 35
	< 7	7,1 : 12	12,1 : 18	18,1 : 27	27,1 : 30
	< 5	5,1 : 10	10,1 : 14	14,1 : 22	22,1 : 24



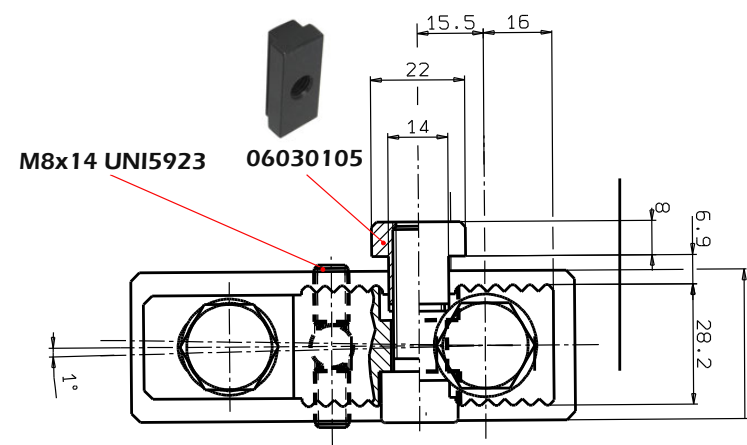
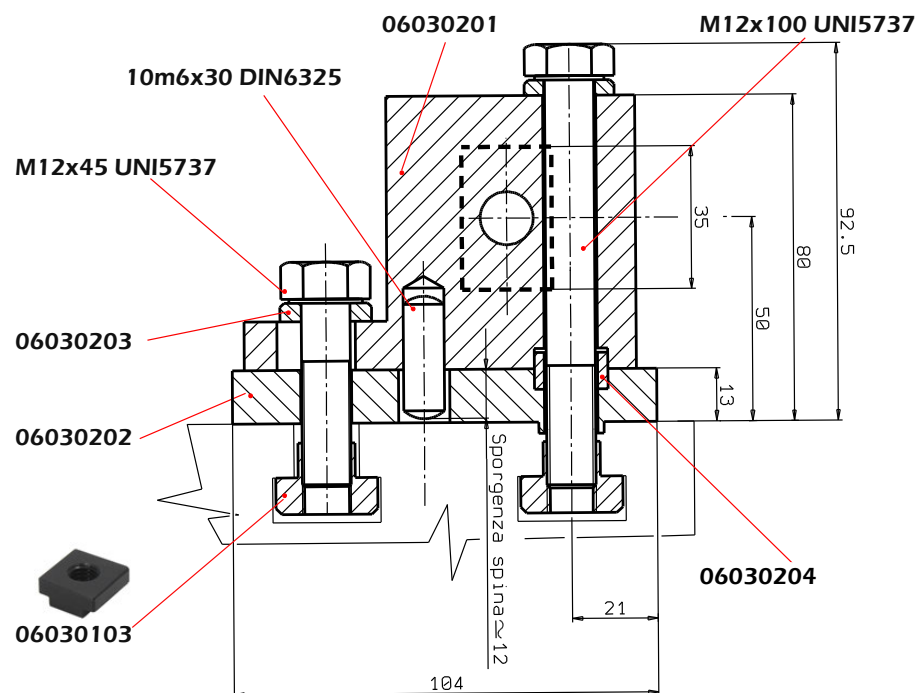
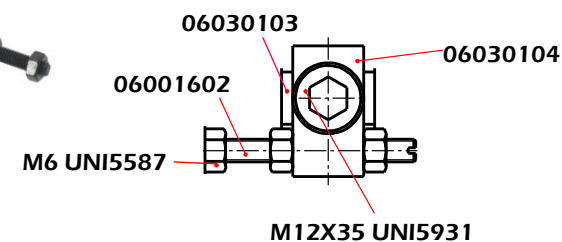


3734001R (Optional) Kit di registrazione posizione *Position adjusting kit*





3734001R (Optional)
 Kit di registrazione posizione
Position adjusting kit





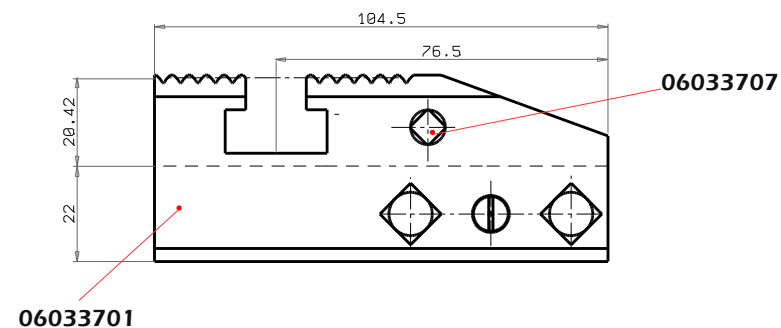
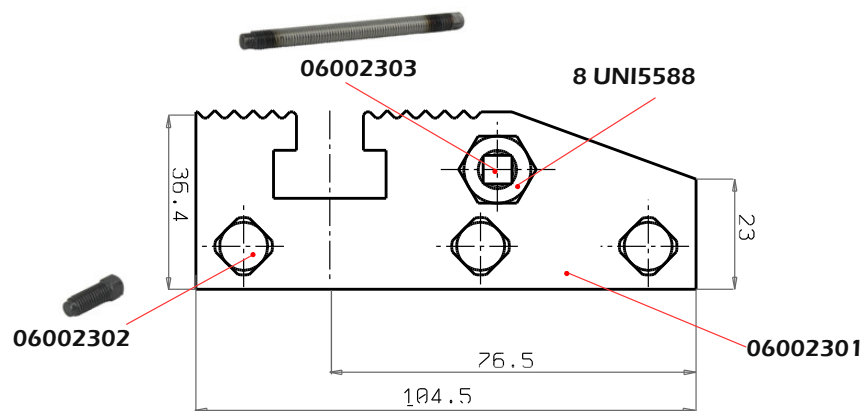
3734008

Portautensile a barretta 16x16 mm
16x16 mm square tool bit holder



06033900

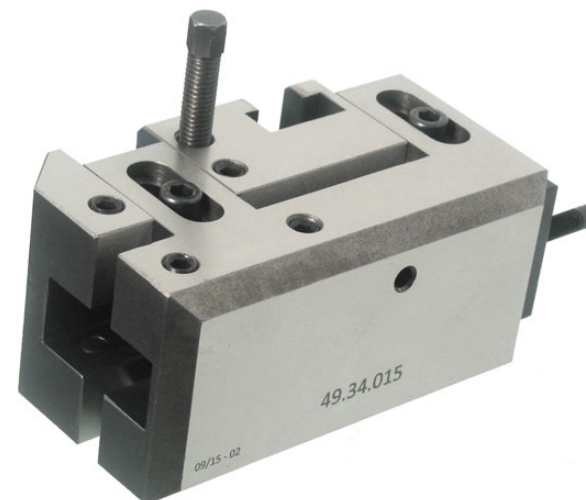
Portautensile a barretta 20x20 mm
20x20 mm square tool bit holder





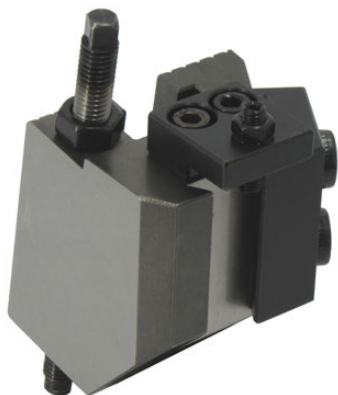
3734029 (06032700)

Portautensile a barretta 16x16 mm doppio
Double 16x16 mm square tool bit holder



4934015

Portautensile a barretta doppio con registrazione assiale
Double tool bit holder with axial adjusting



3734002

Portautensile prismatico L=20 mm

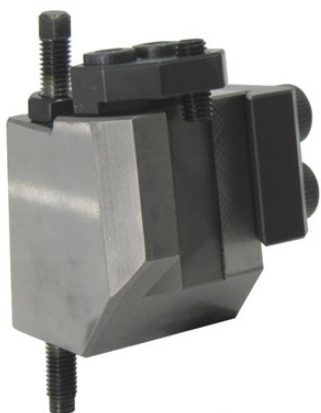
L=20 mm prismatic tool holder



3734006

Portautensile prismatico L=28 mm

L=28 mm prismatic tool holder



3734007

Portautensile prismatico L=40 mm

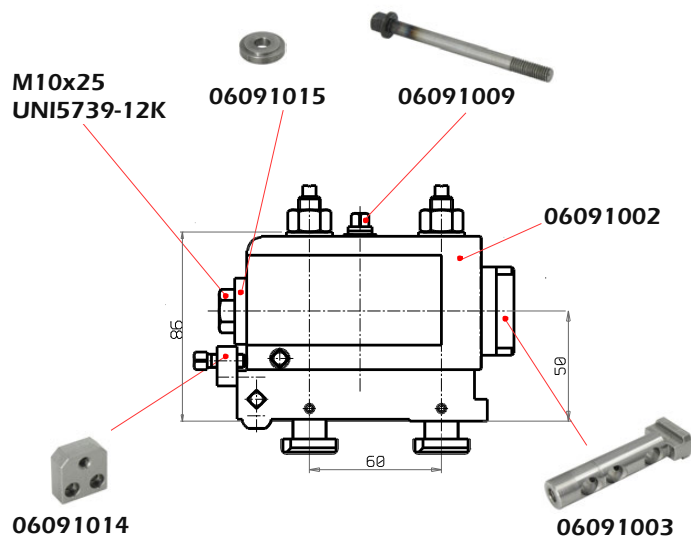
L=40 mm prismatic tool holder



3734004 (06003600)

Portautensile prismatico piatto L=66.5 mm

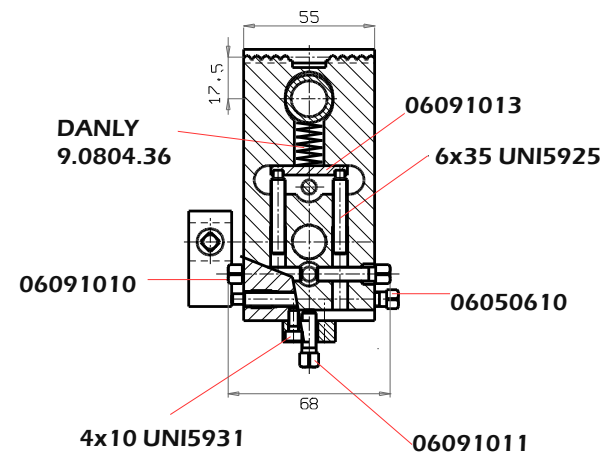
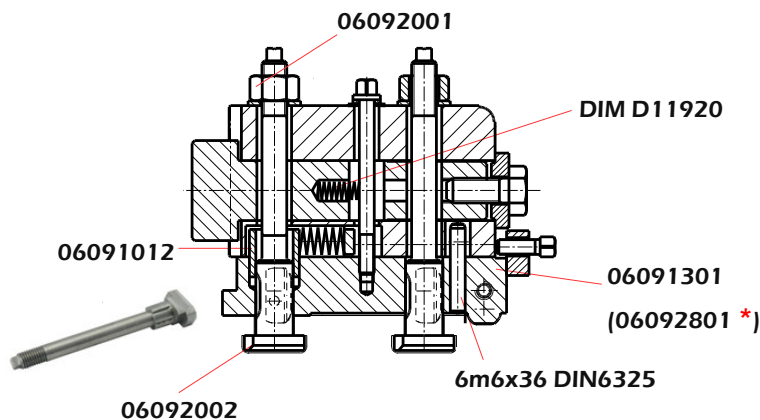
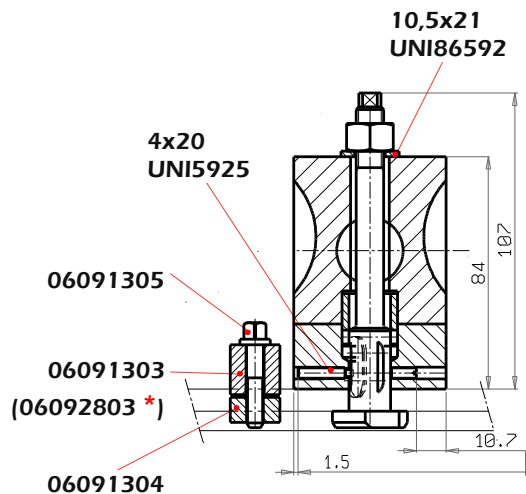
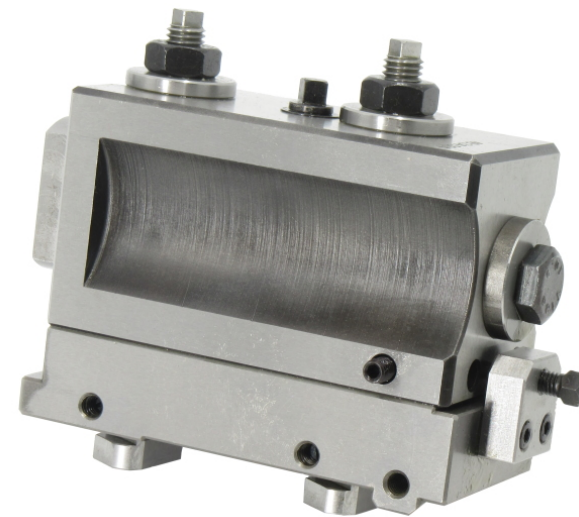
L=66.5 mm flat prismatic tool holder



(06092802 senza viti 4x10 UNI5931 *)

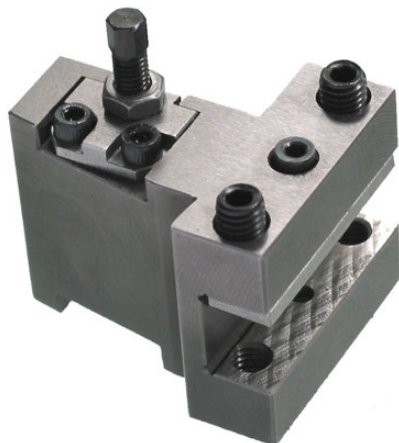
REGOLAZIONI TORRETTA

Radiale	± 1 mm
Assiale	± 2 mm
Angolare	± 1°



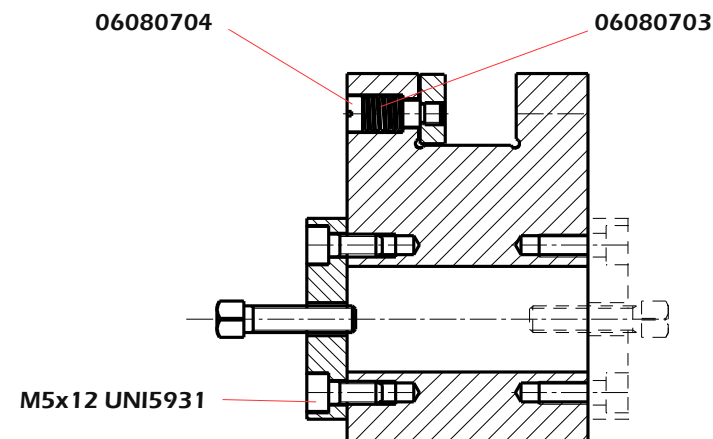
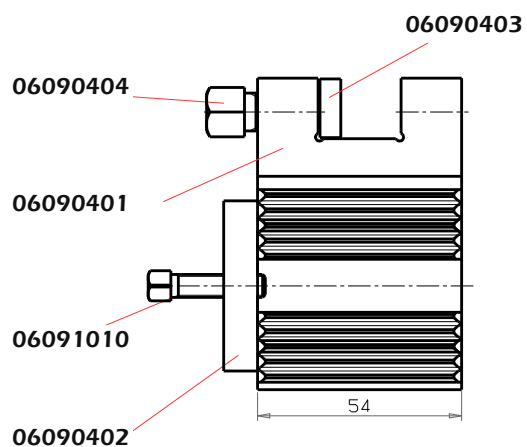
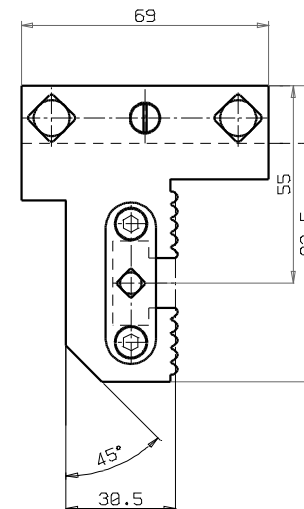
* Componenti presenti nel modello con impronta elastica (06092800 - fornibile su richiesta), che differisce principalmente per la base (06092801) per altri componenti.

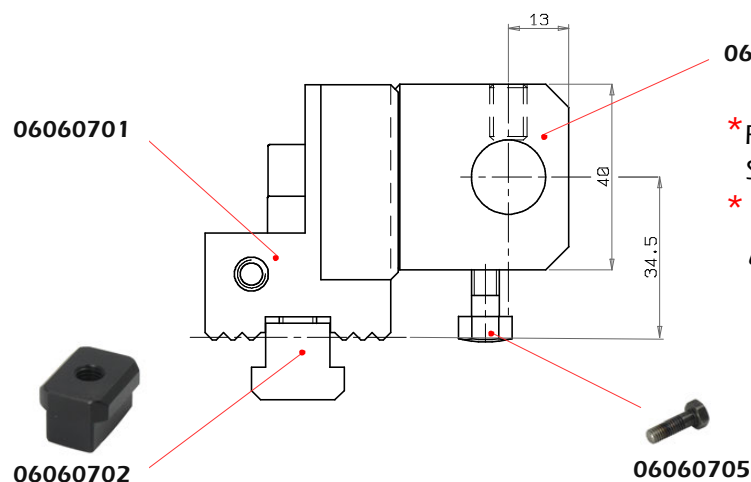
* Parts of another model (06092800 - available upon request), that differs mainly from the base (06092801) and other components.



06090400

Portautensile SST Gr.3 a barretta 16x16 mm
SST Gr.3 16x16 mm square tool bit holder



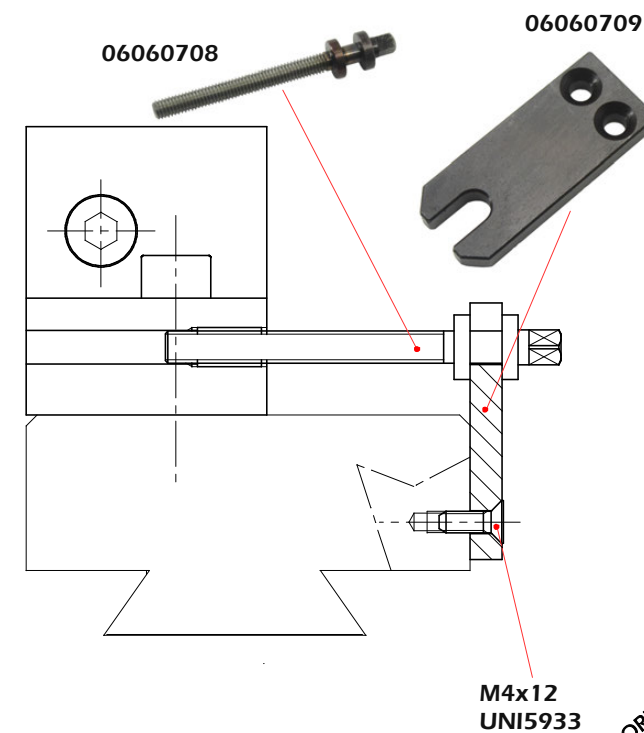
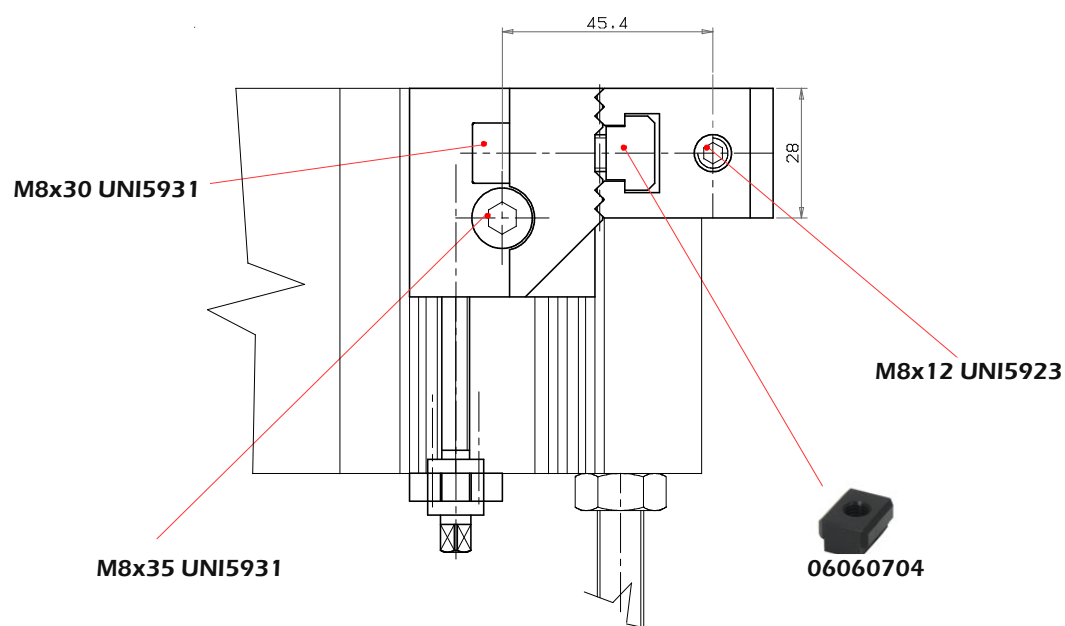


06060703*

* Foro standard da 16 mm.
Su richiesta, possiamo fornire la versione con diametro 20 mm.

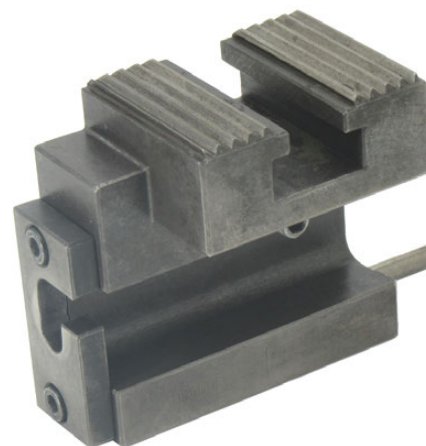
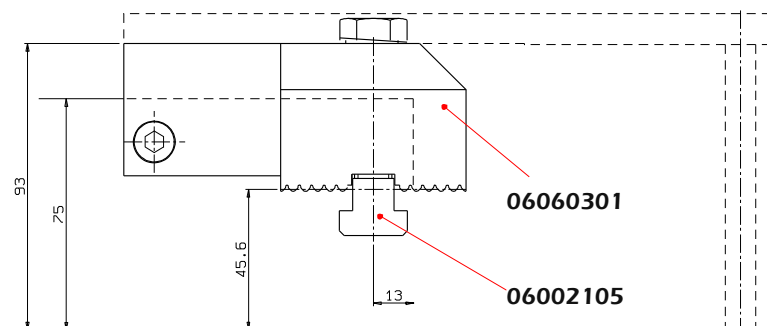
* 16 mm standard bore.

Upon request, we can supply a model with 20 mm bore.

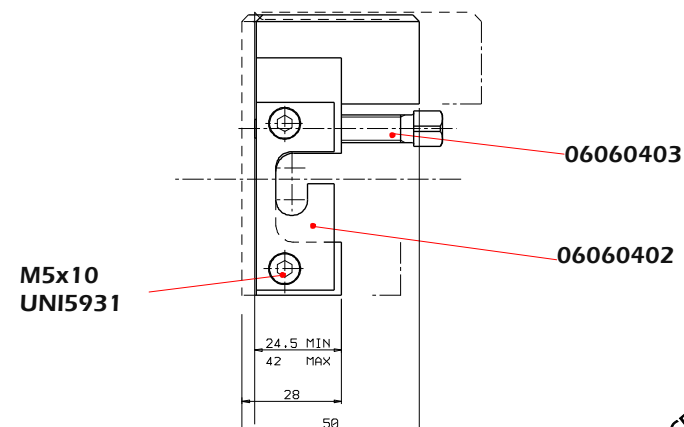
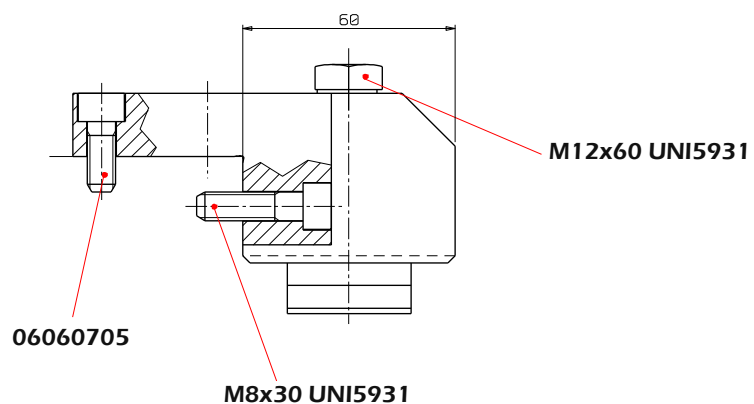
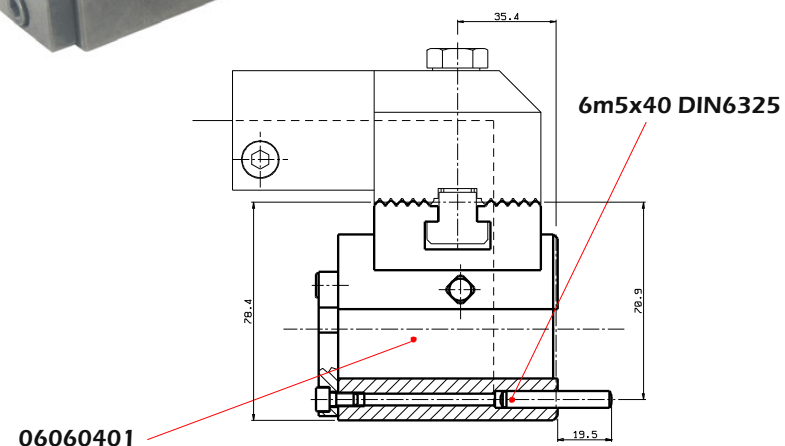




06060300
Supporto per torretta pos. 6
Pos. 6 support for turret



06060400
Torretta per portautensili da taglio
Turret for cutting tool holders





06062300

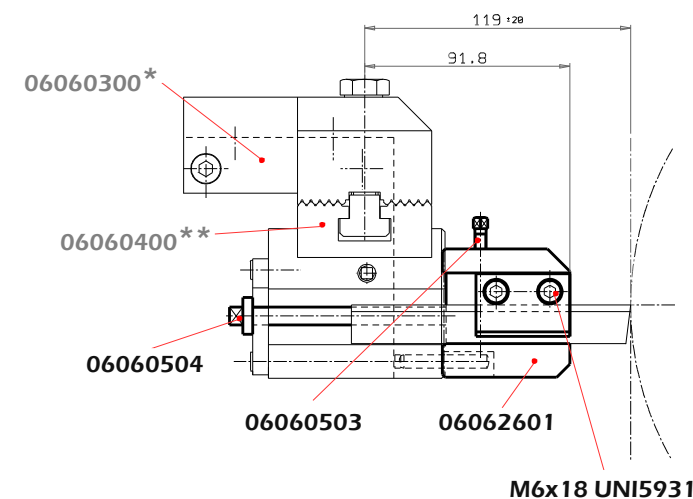
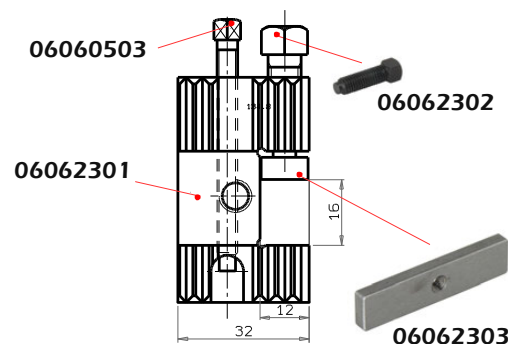
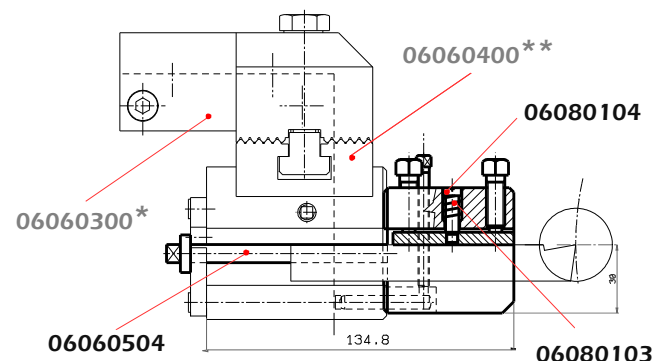
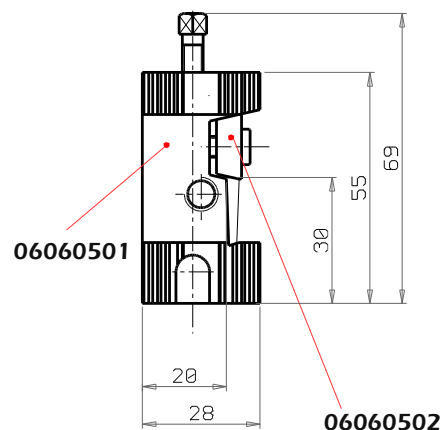
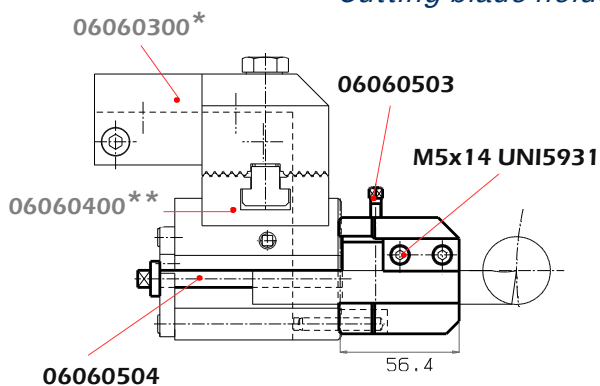
Portabarretta da taglio 16x12 mm
16x12 mm cutting tool bit holder



06062600

Portalama da taglio PM3 pos. 6
Pos.6 PM3 cutting blade holder

06060500
Portalama da taglio
Cutting blade holder



* 06060300
Supporto per torretta pos.6
Pos.6 support for turret

** 06060400
Torretta per portautensili da taglio
Turret for cutting tool holders



Applicazione pinza
Collet holder

4923019 ISO40-ER25
4923020 ISO40-ER32
4923002 ISO40-ER40



Applicazione pinza prolungata
Extended collet holder

4923012 ISO40-ER20 (H=78.3 mm)
4923013 ISO40-ER25 (H=79.0 mm)
4923014 ISO40-ER32 (H=77.5 mm)



Applicazione pinza prolungata speciale
Special extended collet holder

4923015 ISO40-ER20 (H=136.3 mm)

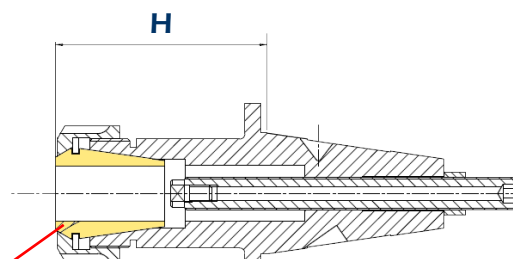
Su richiesta possiamo fornire altre versioni con attacco ISO40 e pinza ER / lunghezza di lavoro H da comunicare.

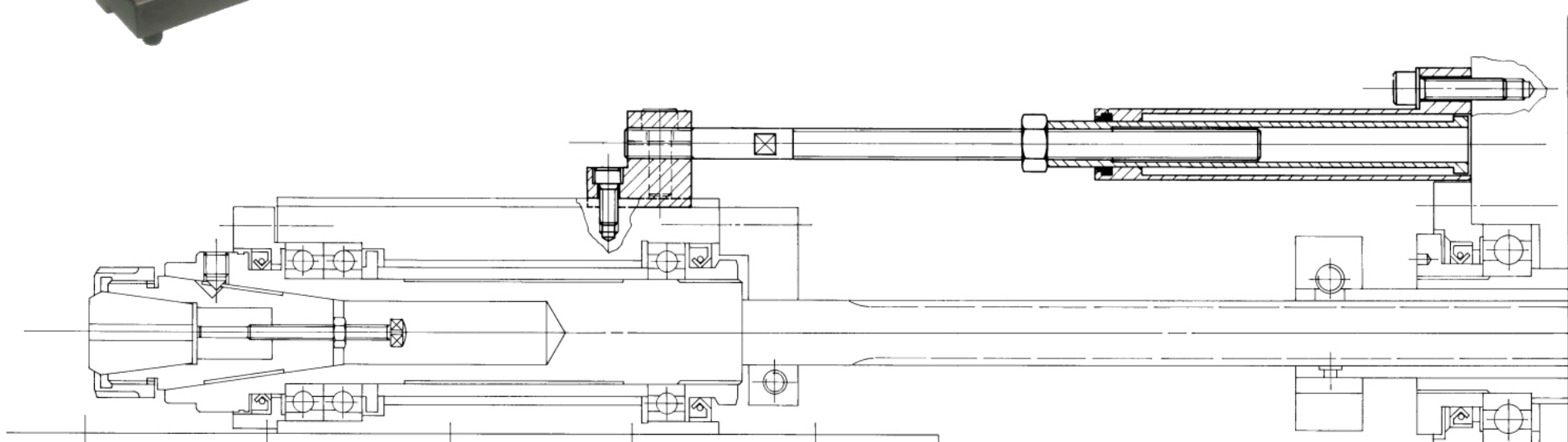
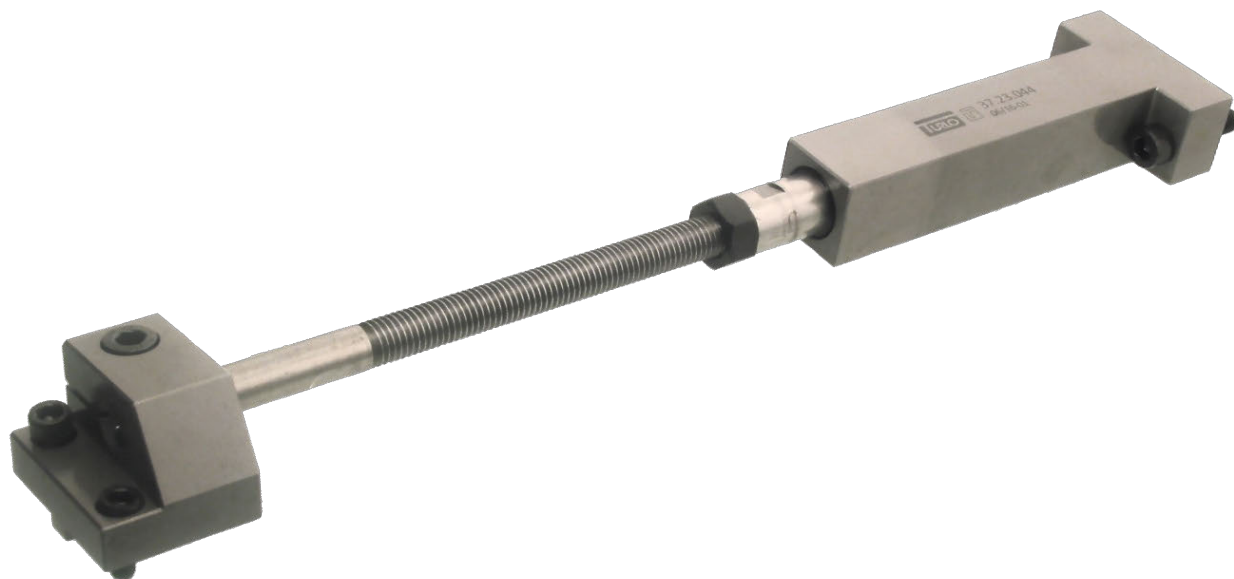
Upon request, we can supply other models having an ISO40 mounting taper and ER collet / customized work length H to be communicated.

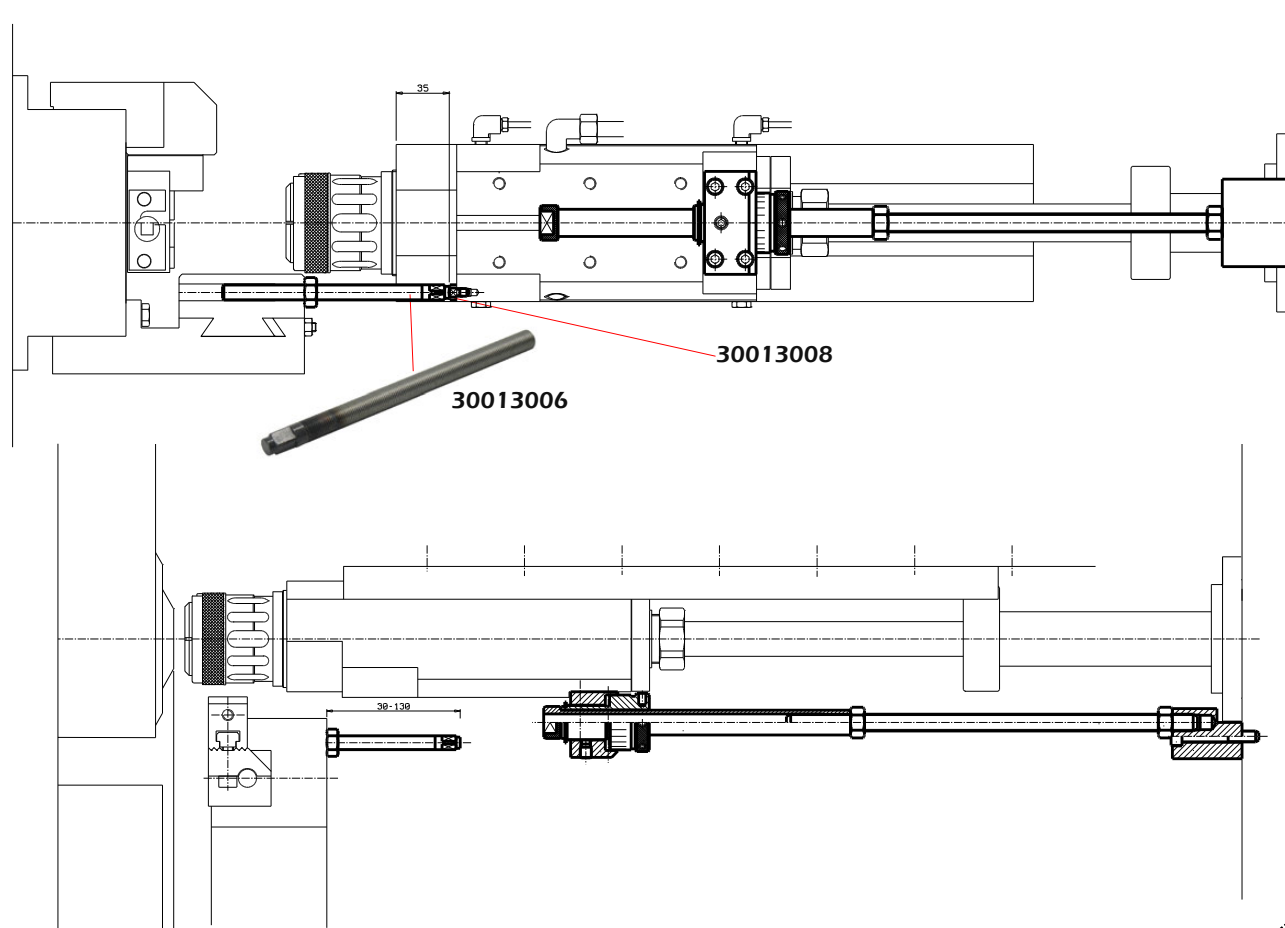
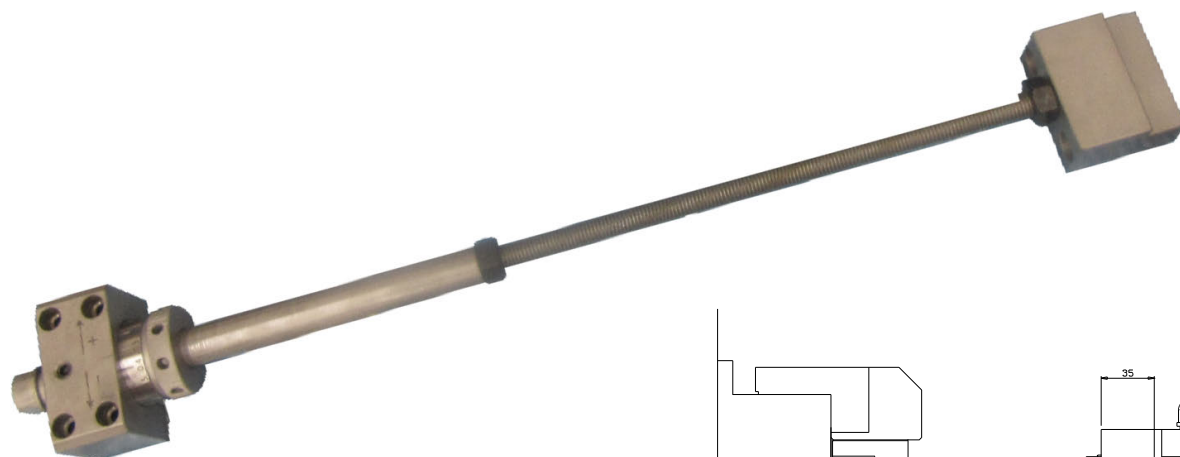


4923102-CM2
ISO40-Cono Morse 2

Pinza ER / ER collet

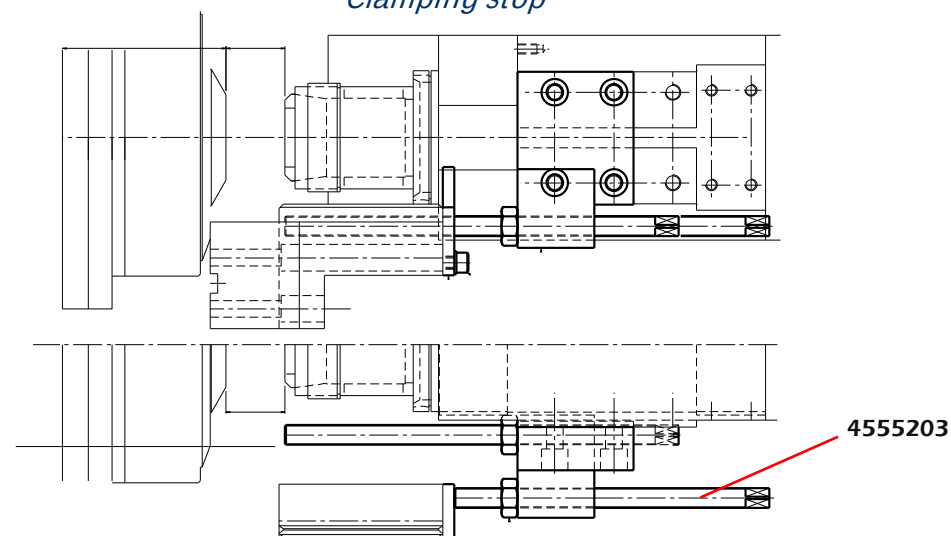




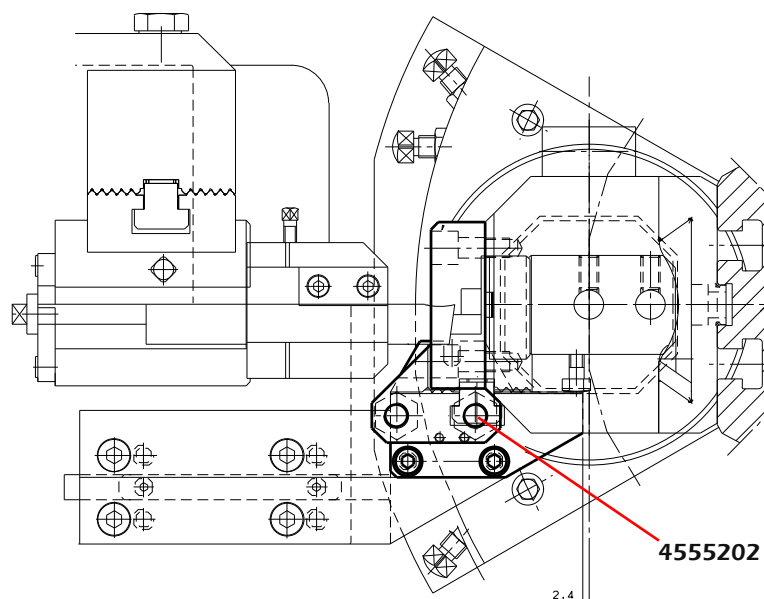
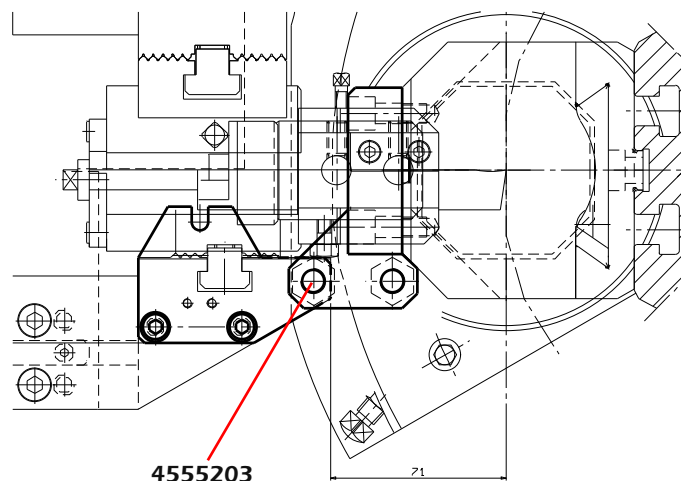
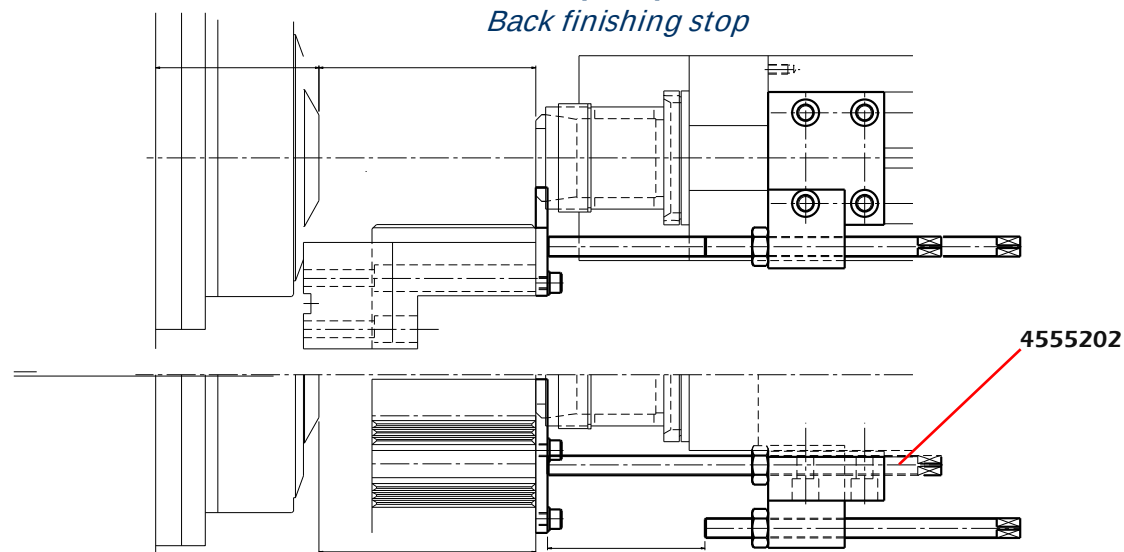




Fermo per presa pezzo
Clamping stop



Fermo per ripresa con slitta
Back finishing stop



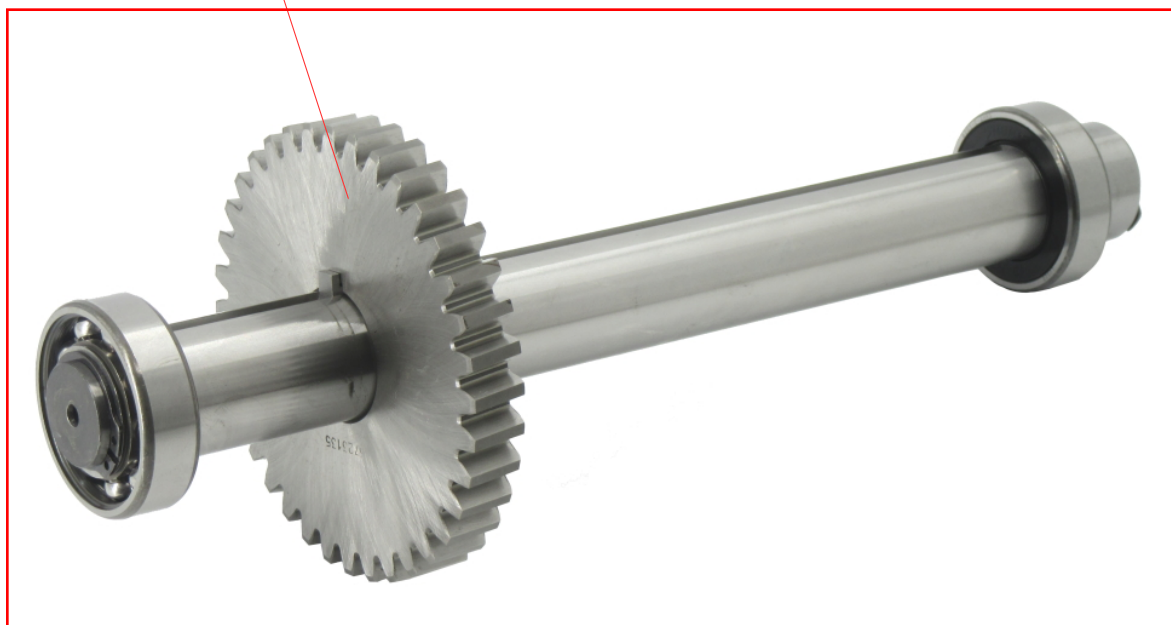


3723005

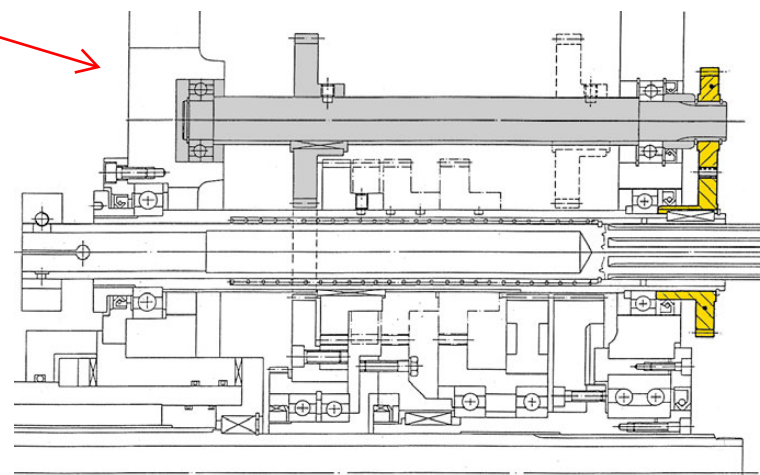
Albero intermedio con ingranaggio di
presamoto Z36 **(con estremità scanalata)**
Intermediate shaft with Z36 driving gear
(with splined end)

3723135

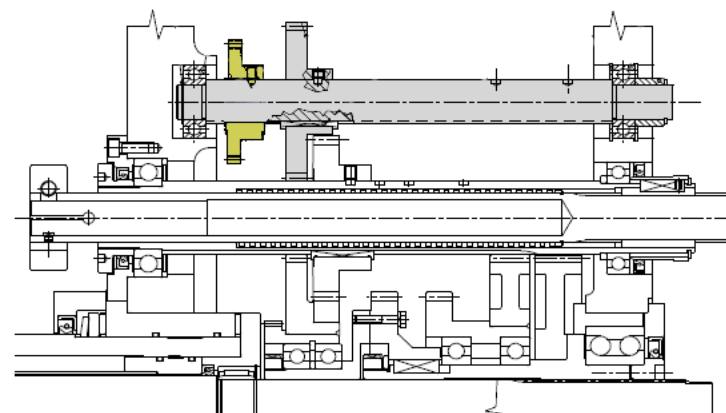
Ingranaggio di presamoto Z36
Driving gear Z36



Foratura veloce e recessitura
High speed drilling and recessing

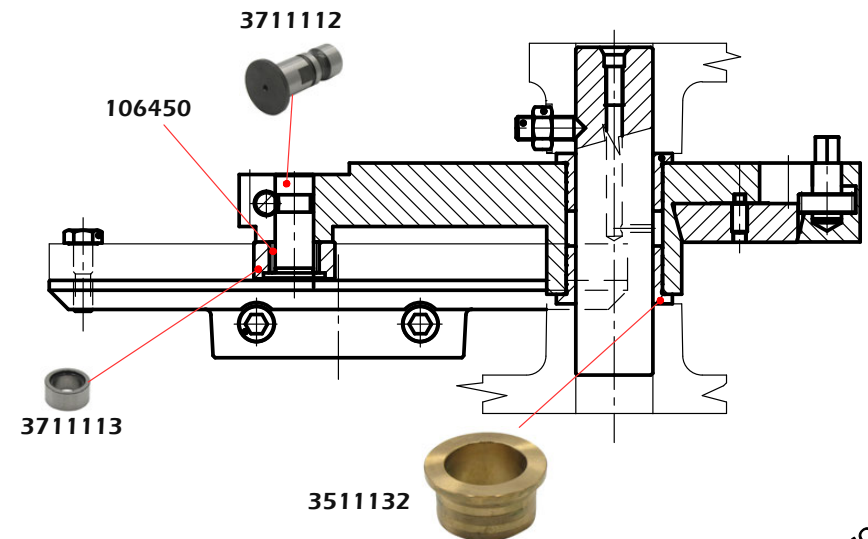
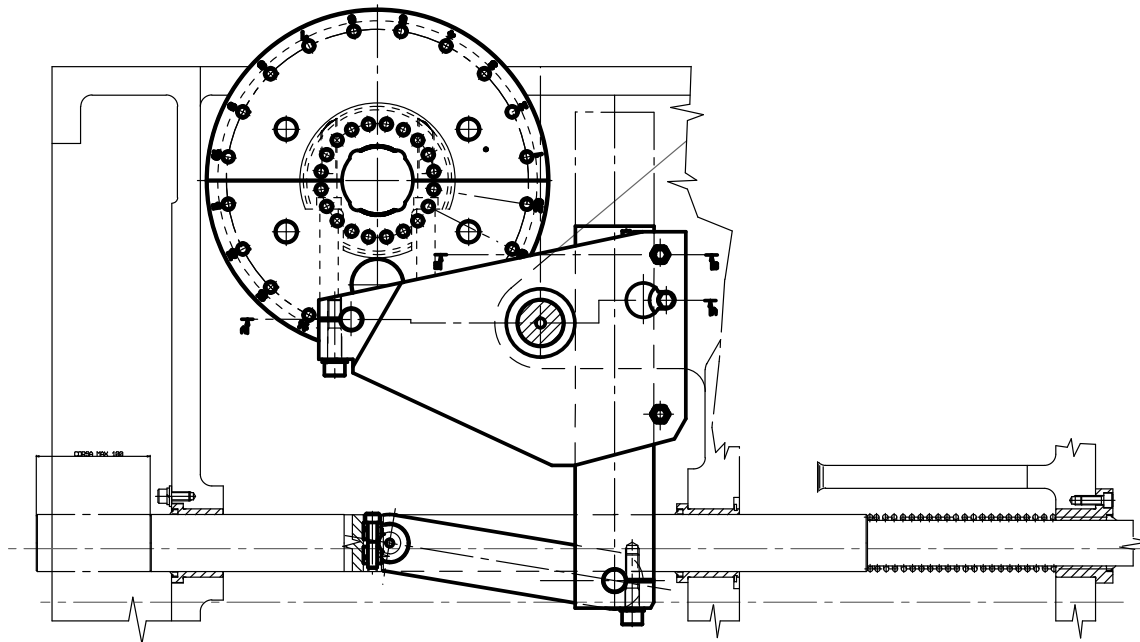
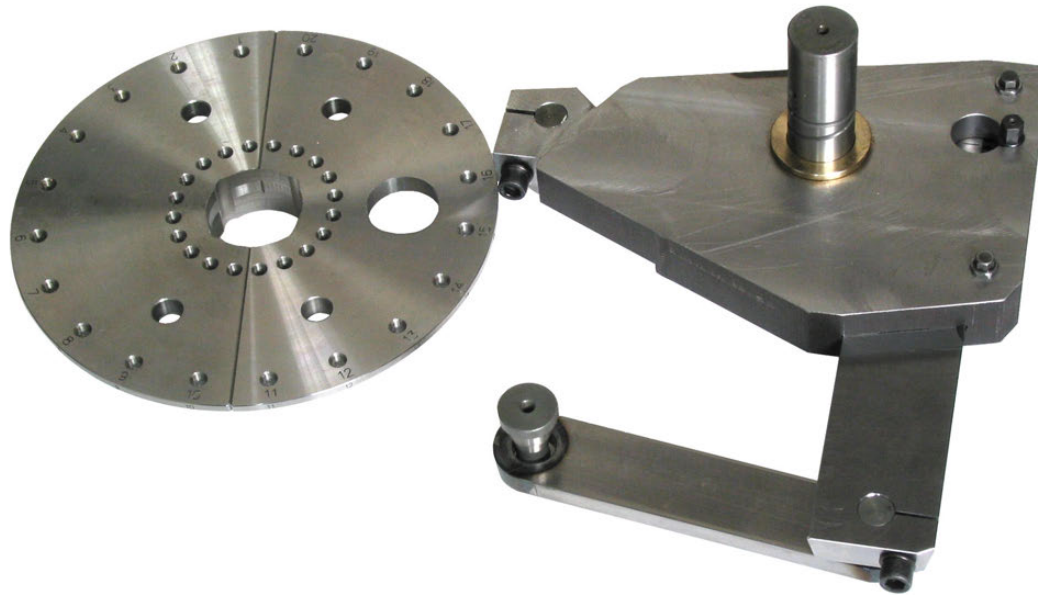


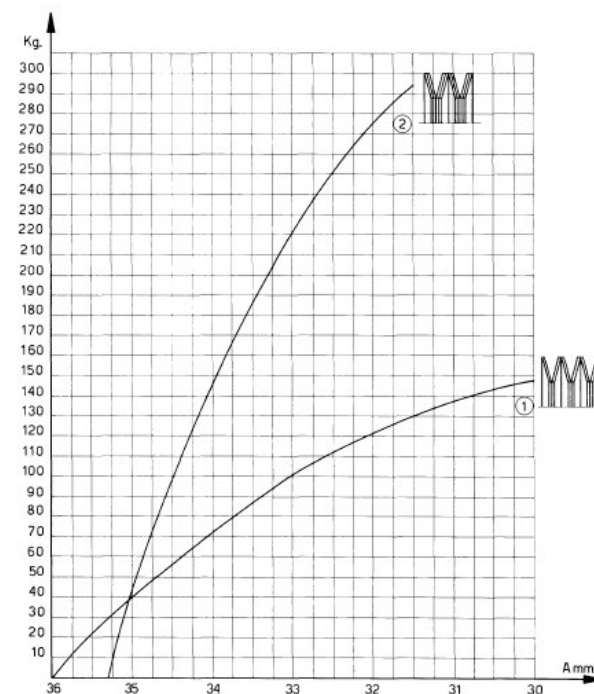
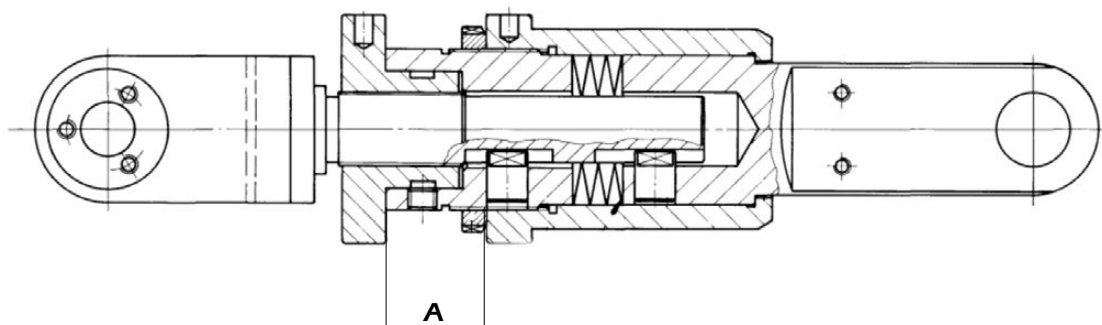
Poligonatura, fresatura e pettinatura di filetti
Polygon-generating, thread milling and thread chasing



3723005S

Albero intermedio con ingranaggio di
presamoto Z36 **(senza estremità scanalata)**
Intermediate shaft with Z36 driving gear
(without splined end)





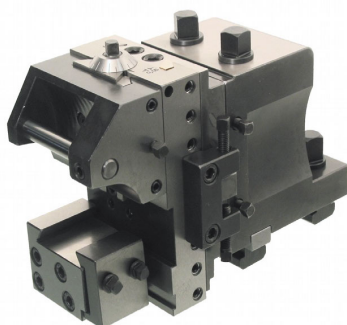
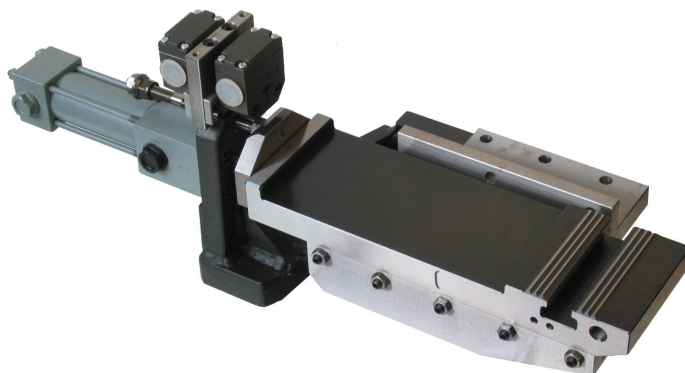
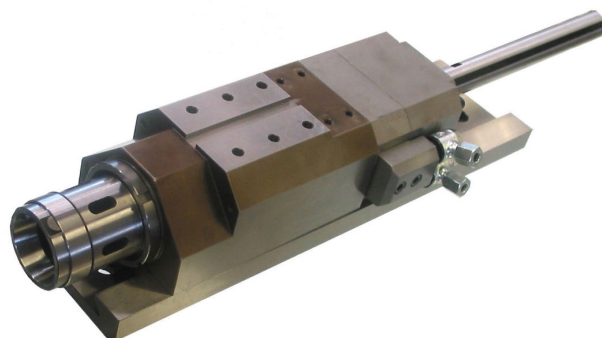
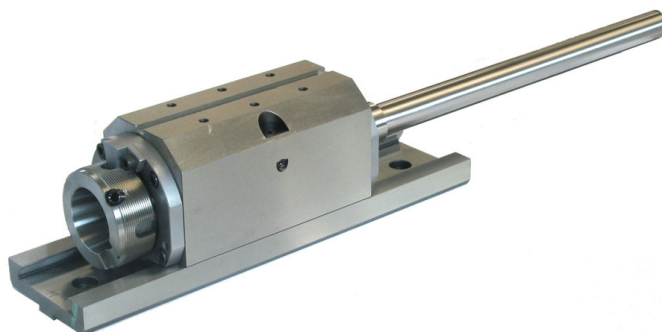
03

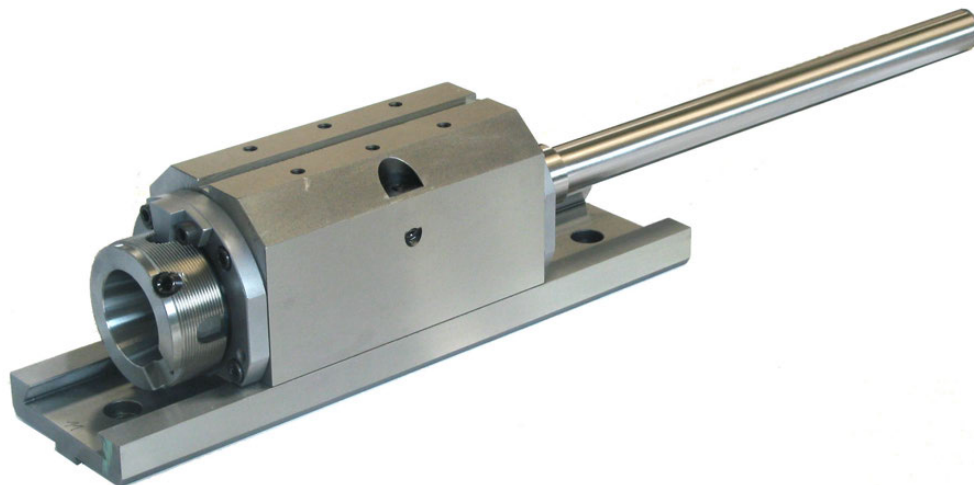
Apparecchiature
Attachments



**Per maggiori informazioni,
scansionare il QR code
nelle singole pagine.**

*For more information,
scan the QR code on the
individual pages.*





4923023

Mandrino frontale rotante
Rotating toolspindle

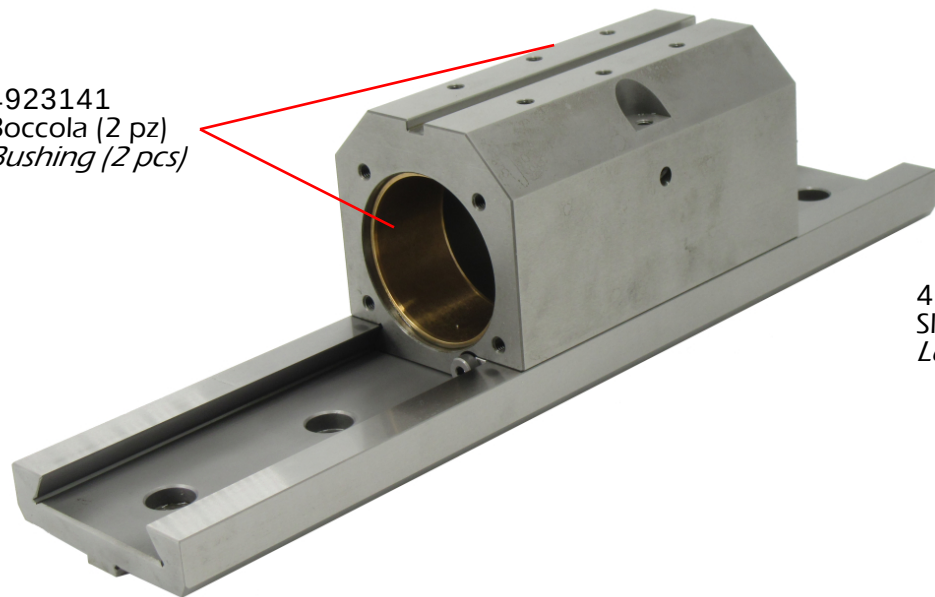


4923025

Mandrino frontale rotante con refrigerazione interna
Rotating toolspindle with coolant through



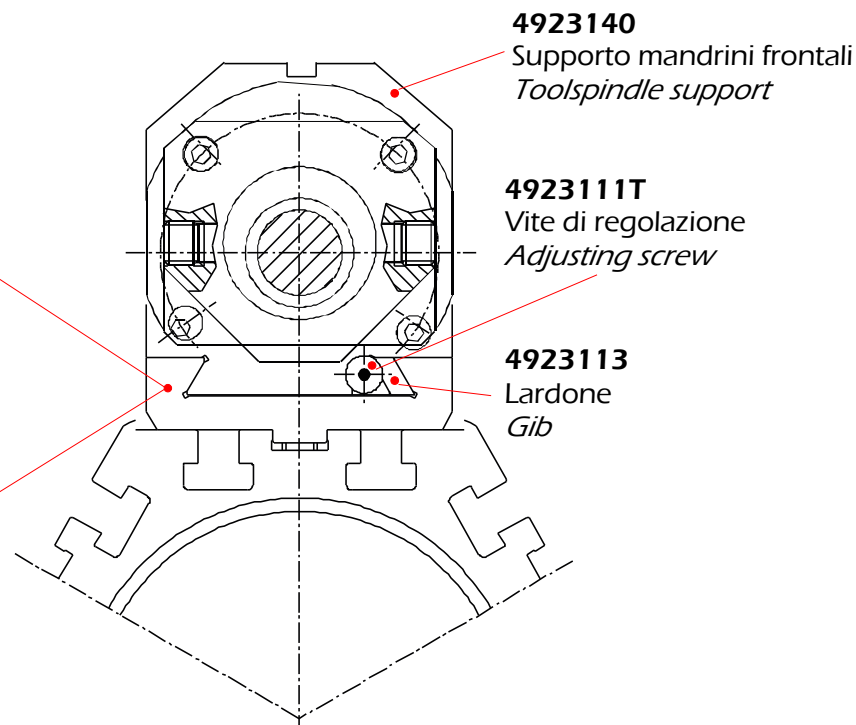
4923141
Boccola (2 pz)
Bushing (2 pcs)



4923348 L=410mm
Slitta lunga
Long base



4923349 L=340mm
Slitta corta
Short base





4923023CSC: versione con slitta corta (L=340) / *Short slide version (L=340)*

4923023CSL: versione con slitta lunga (L=410) / *Long slide version (L=410)*

Caratteristiche:

Attacco frontale con ISO 40 (applicazione pinza non inclusa).

Predisposizione per refrigerazione interna ad alta pressione.

Chiavetta per bloccaggio rotazione inclusa.

Specifications:

ISO 40 nose taper (collet holder not included).

Toolspindle ready for high pressure coolant through.

Anti-rotation key included.

Note:

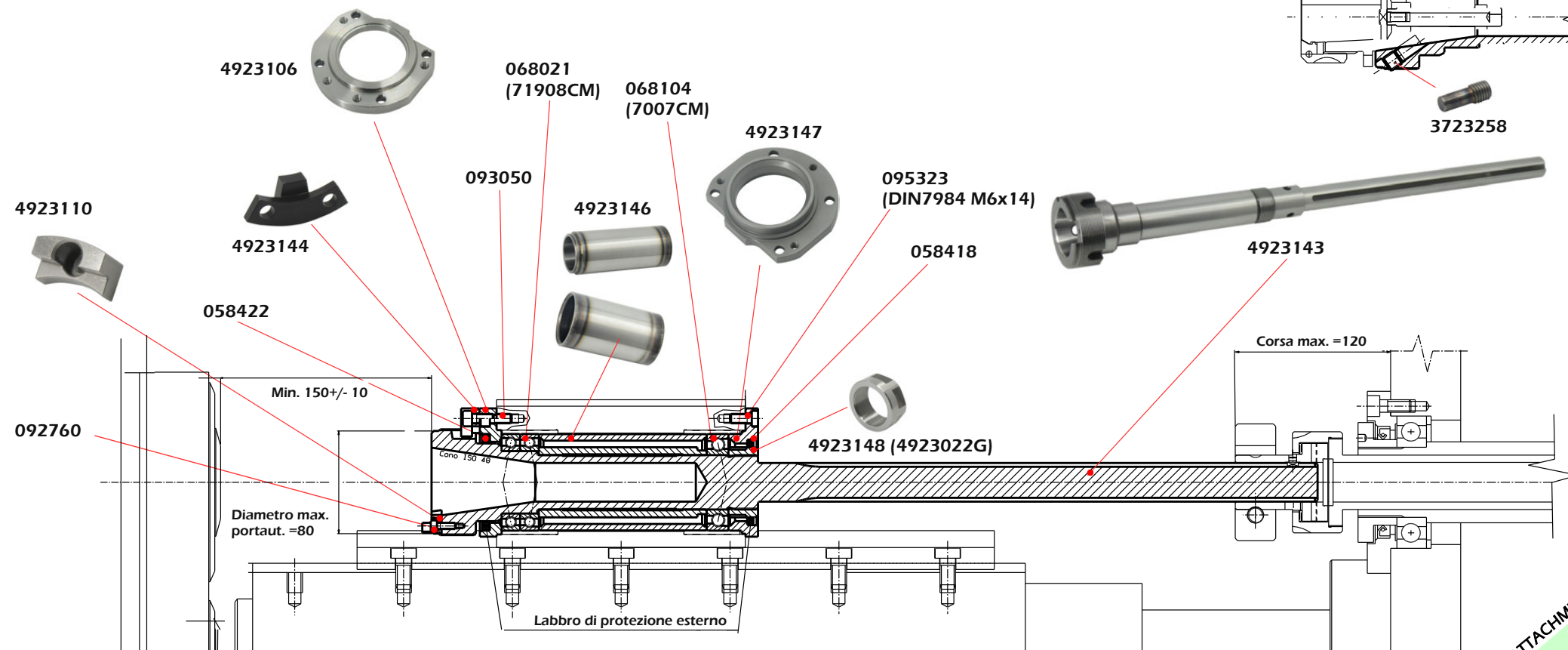
In fase di ordine, si richiede di specificare la posizione in macchina, per consentire il montaggio del lardone sulla slitta nel lato corretto.

Note:

When issuing an order, please specify the machine position to grant the assembly of the gib on the correct side of the slide.



Applicazioni pinza a pag. 159
Collet holder on page 159





4923025CSC: versione con slitta corta (L=340) / *Short slide version (L=340)*

4923025CSL: versione con slitta lunga (L=410) / *Long slide version (L=410)*

Caratteristiche:

Attacco frontale cono ISO 40 (applicazione pinza non inclusa).

Predisposizione per refrigerazione interna ad alta pressione

Chiavetta per bloccaggio rotazione inclusa.

Specifications:

ISO 40 nose taper (collet holder not included).

Toolspindle ready for high pressure coolant through.

Anti-rotation key included.

Note:

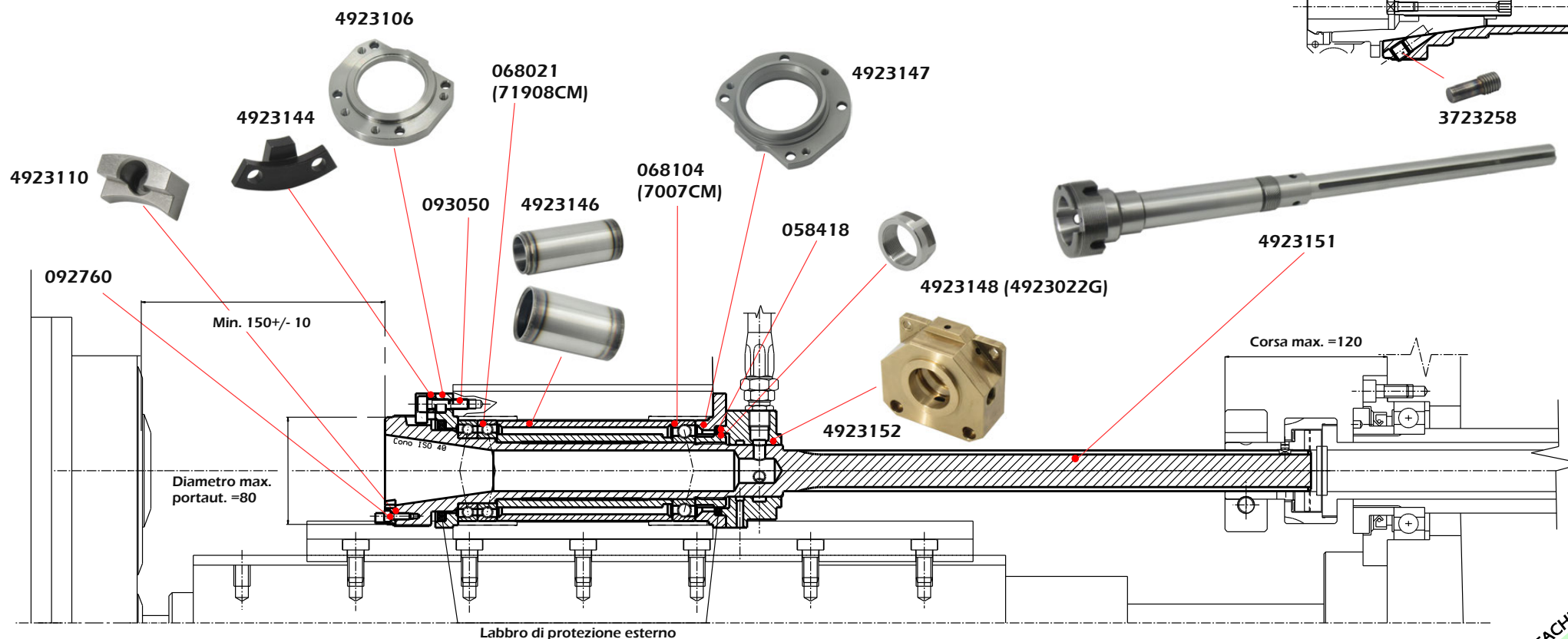
In fase di ordine, si richiede di specificare la posizione in macchina, per consentire il montaggio del lardone sulla slitta nel lato corretto.

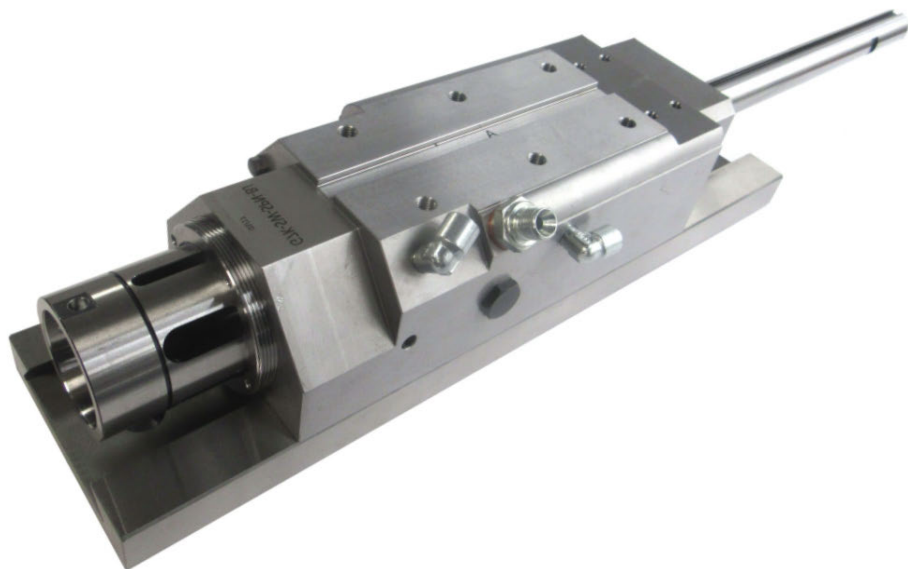
Note:

When issuing an order, please specify the machine position to grant the assembly of the gib on the correct side of the slide.



Applicazioni pinza a pag. 159
Collet holder on page 159





Accessori disponibili su richiesta / Accessories available on request

Codice Code	Descrizione Descriptions
G7K-DRV	Comando mandrino da ripresa (camma esclusa) <i>Pick-up control (cam not included)</i>
30013000	Fermo per pick-up (vedere pagina 161) <i>Pick-up stop (see page 161)</i>
30011300	Gruppo di orientamento <i>Angular phasing device</i>
2340H013/A+RID	Centralina idraulica standard <i>Standard hydraulic unit</i>
C0003900	Pinza attacco filettato (vedere pagina 144) <i>Threaded collet (see page 144)</i>
Q0003900 Q0003901	Pinza attacco a baionetta (vedi pagina 144) <i>Bayonet style pick-up collet (see page 144)</i>

• G7K-SW-SPN-TH

Modello con attacco filettato per pinze C0003900
Model with threaded connection for collet C0003900

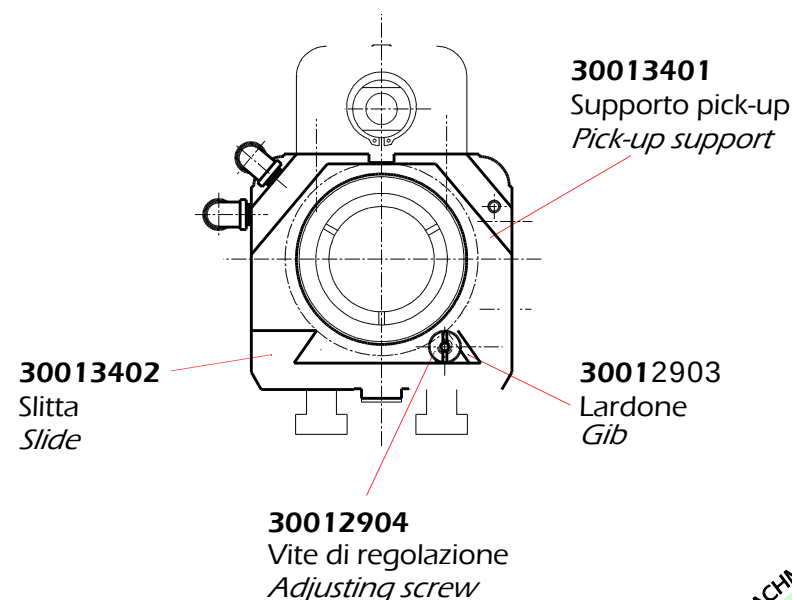
• G7K-SW-SPN-BJ

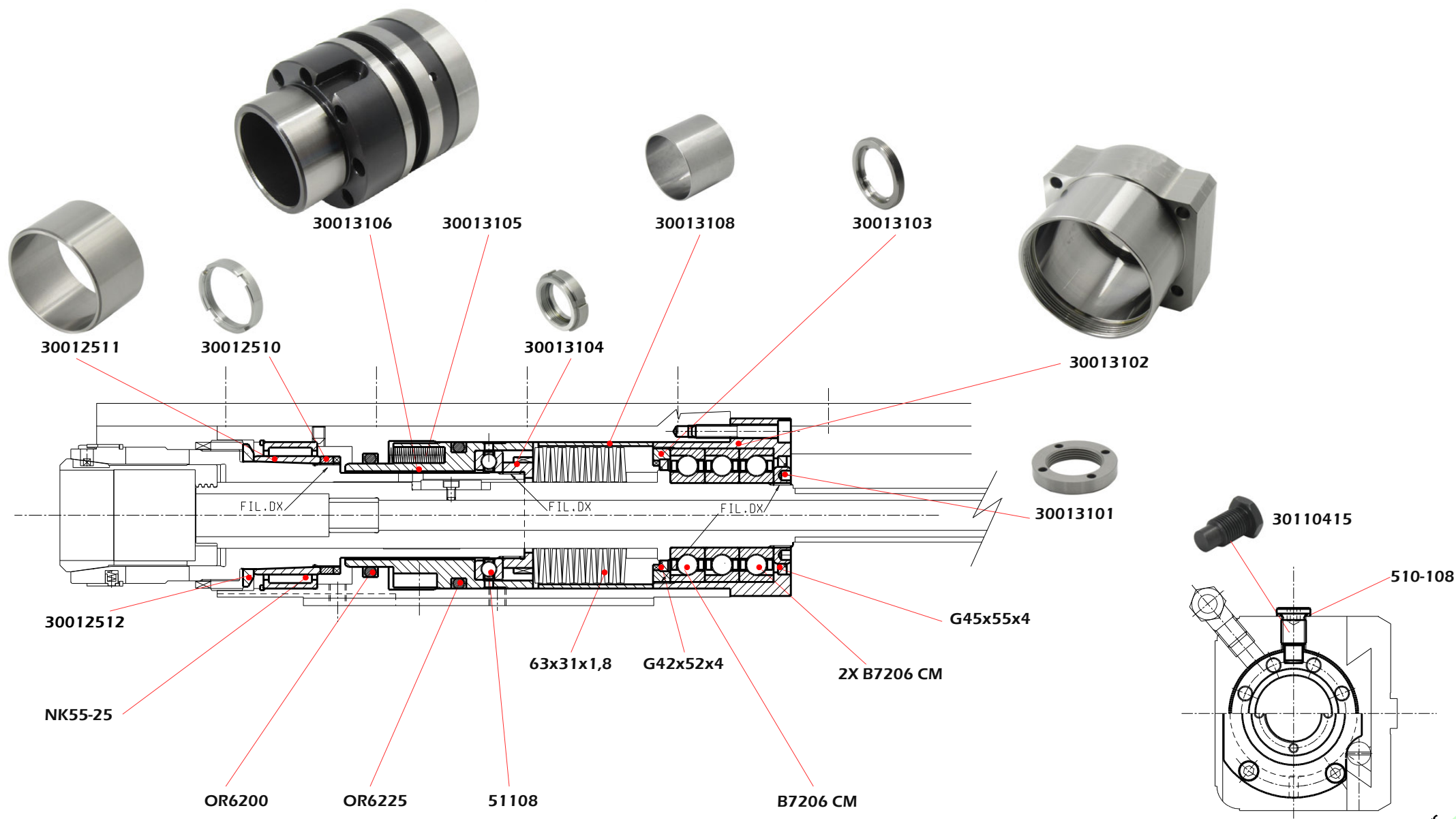
Modello con attacco a baionetta per pinze Q0003900 e Q0003901
Model with bayonet style connection for collet Q0003900 and Q0003901

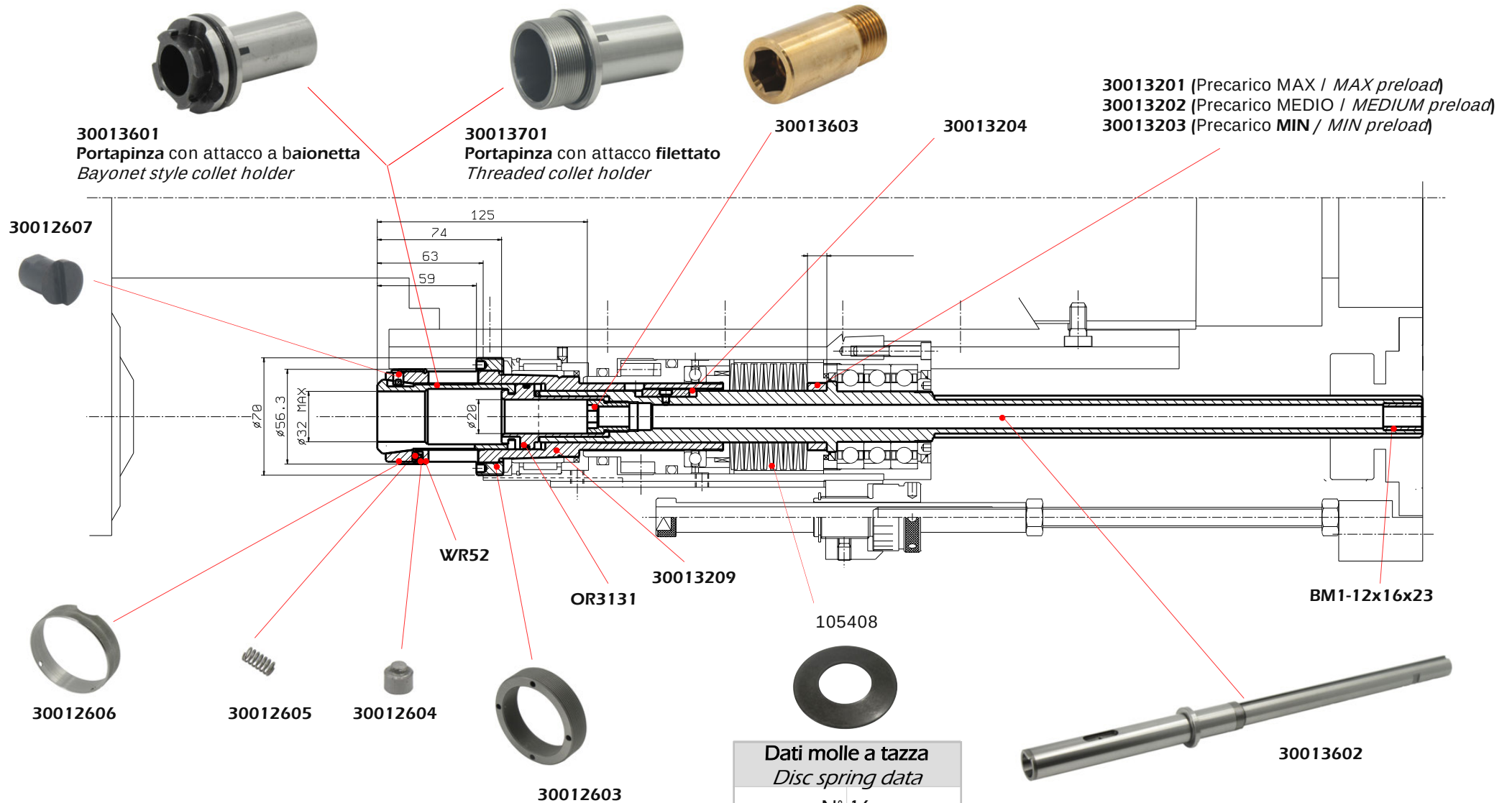
Questa è la versione del mandrino da ripresa con chiusura pinza meccanica, tramite molle a tazza, e apertura pinza di tipo idraulico. Possiamo fornire l'unità idraulica di apertura pinza, qualora non sia presente in macchina.

Siamo, inoltre, in grado di fornire sia apparecchi nuovi completi sia pezzi di ricambio per i vostri pick-up originali, o di effettuare revisioni degli stessi.

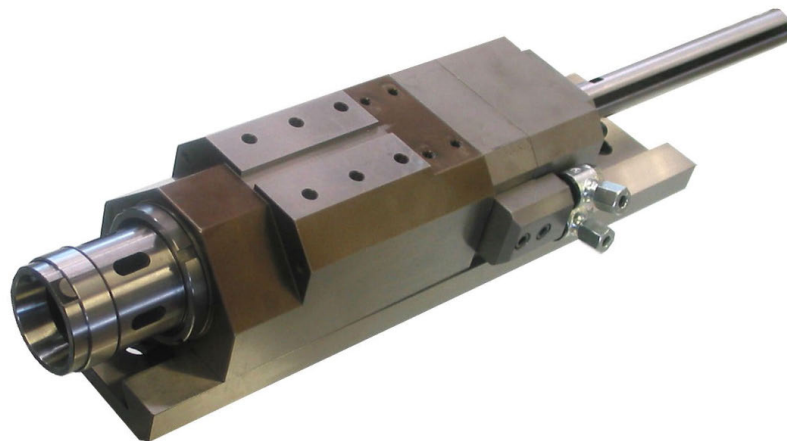
*This version of the pick-up attachment features a mechanical collet closing by means of disc springs and a collet opening by means of a hydraulic unit. We can supply the hydraulic unit of the collet opening in case it is missing in the machine.
We can also supply both new complete attachments and spare parts for your original ones, or we can refurbish both of them.*







Dati molle a tazza
Disc spring data
N° 16
Øint. 31 mm
Øest. 63 mm
Spessore S 1.8 mm



Accessori disponibili su richiesta / Accessories available on request

Codice Code	Descrizione Descriptions
G7K-DRV	Comando mandrino da ripresa (camma esclusa) <i>Pick-up control (cam not included)</i>
4555017	Fermo per pick-up (vedere pagina 162) <i>Pick-up stop (see page 162)</i>
30011300	Gruppo di orientamento <i>Angular phasing device</i>
2340H013/A+RID	Centralina idraulica standard <i>Standard hydraulic unit</i>
C0003900	Pinza attacco filettato (vedere pagina 144) <i>Threaded collet (see page 144)</i>
Q0003900 Q0003901	Pinza attacco a baionetta (vedi pagina 144) <i>Bayonet style pick-up collet (see page 144)</i>

- G7K-SW-SPN-TH**

Modello con attacco filettato per pinze C0003900
Model with threaded connection for collet C0003900

- G7K-SW-SPN-BJ**

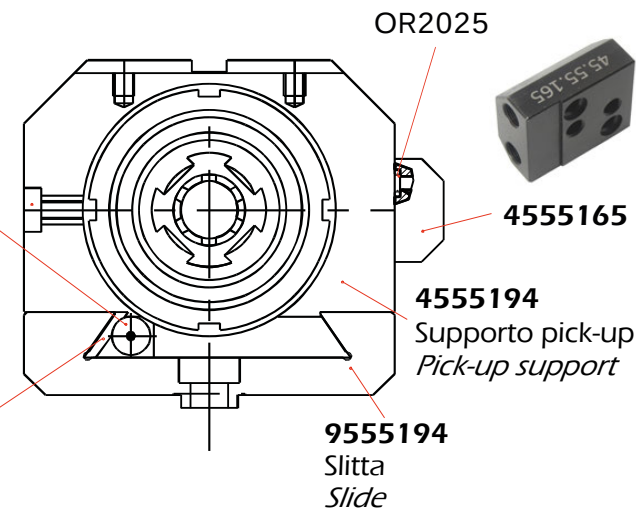
Modello con attacco a baionetta per pinze Q0003900 e Q0003901
Model with bayonet style connection for collet Q0003900 and Q0003901

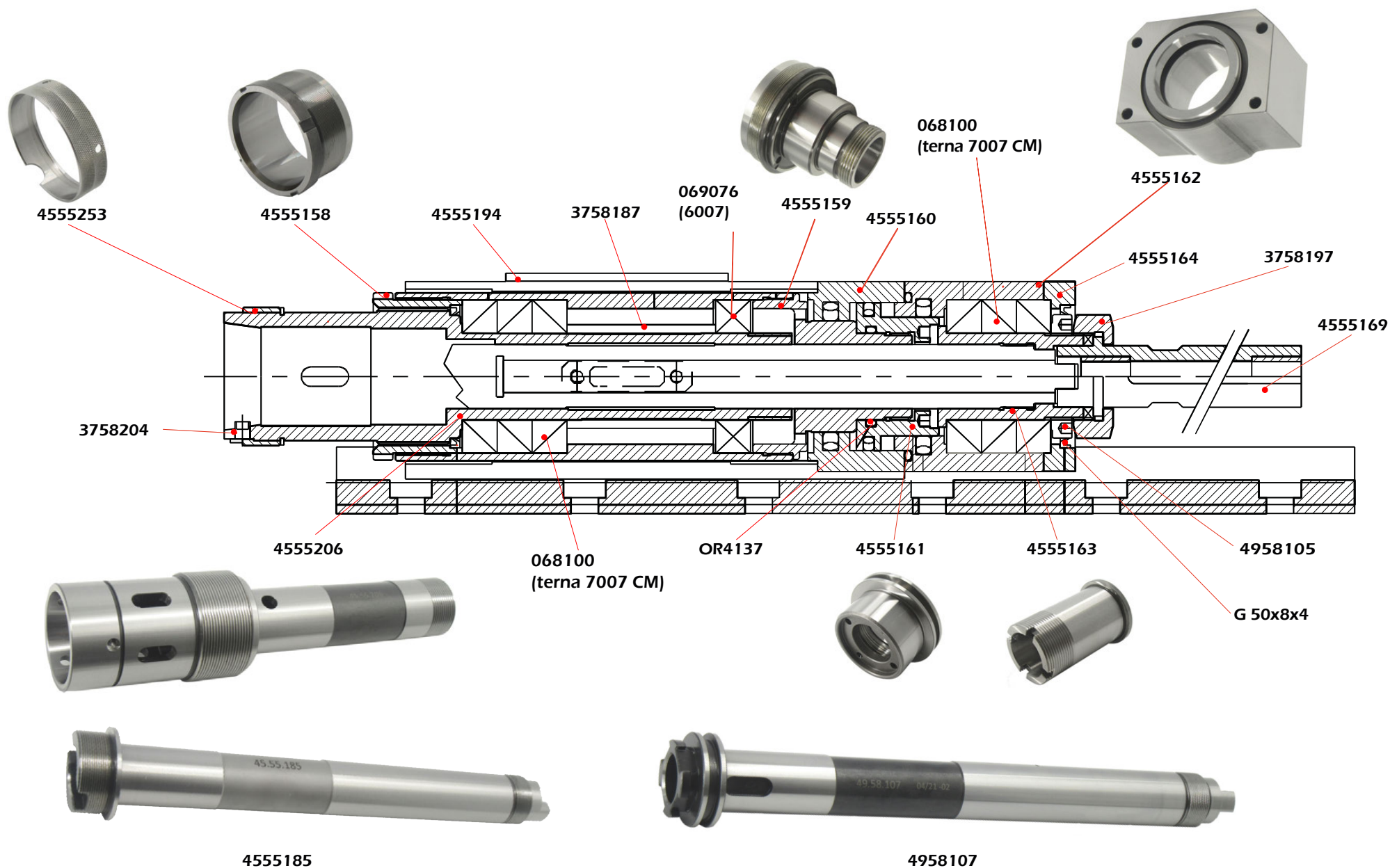
Questa è l'ultima versione del mandrino da ripresa con chiusura e apertura della pinza di tipo idraulico. Possiamo fornire l'unità idraulica di chiusura e apertura pinza, qualora non sia presente in macchina.

Siamo, inoltre, in grado di fornire sia apparecchi nuovi completi sia pezzi di ricambio per i vostri pick-up originali, o di effettuare revisioni degli stessi.

This is the latest version of the pick-up attachment that features both the collet closing and the collet opening by means of a hydraulic unit. We can supply the hydraulic unit of the collet closing and opening in case it is missing in the machine. We can also supply both new complete attachments and spare parts for your original ones, or we can refurbish both of them.

4555156
Vite di regolazione
Adjusting screw







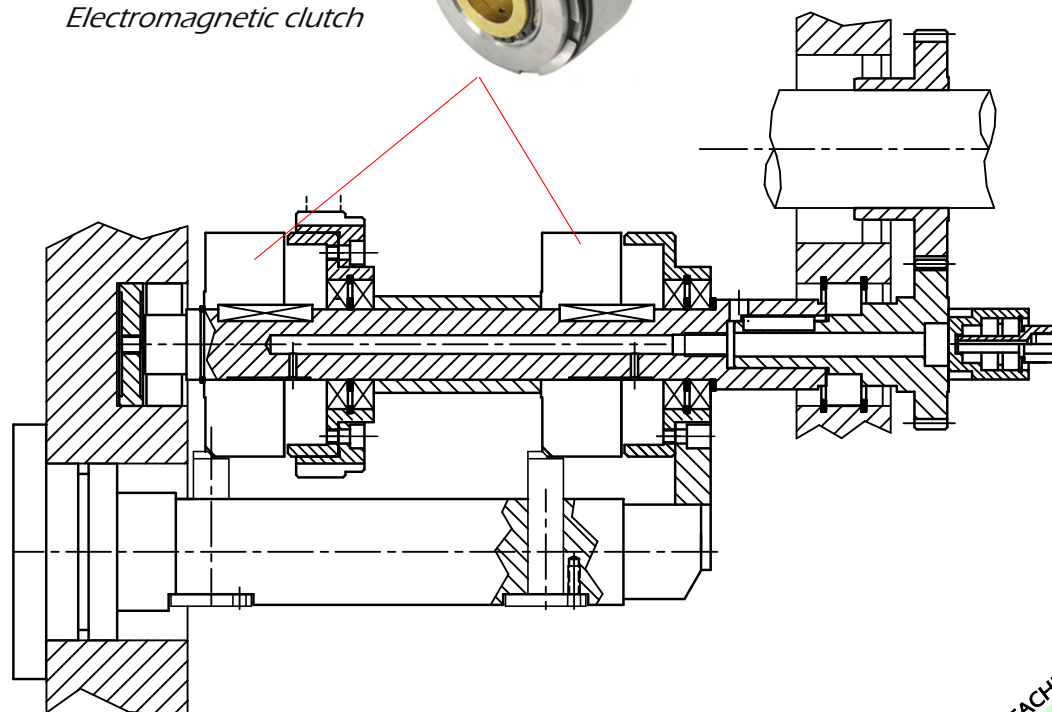
FORT11LTE
Lamella esterna
Outer clutch disc



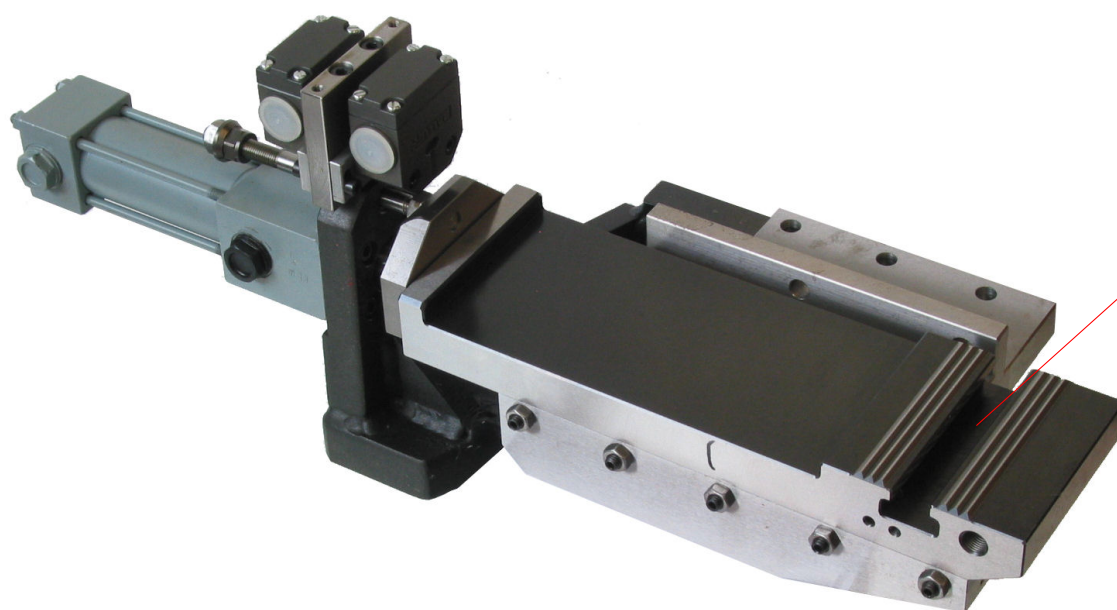
FORT11LTI
Lamella interna
Inner clutch disc



FORT11-D30x8
(072349 - 2245H200)
Frizione elettromagnetica
Electromagnetic clutch



Velocità massima mandrini principali "g/min" <i>Max. toolspindle rotating speed "g/min"</i>	Tempo minimo di produzione "s" <i>Minimum production time "s"</i>
2500	3
3000	5
3500	8
4000	10

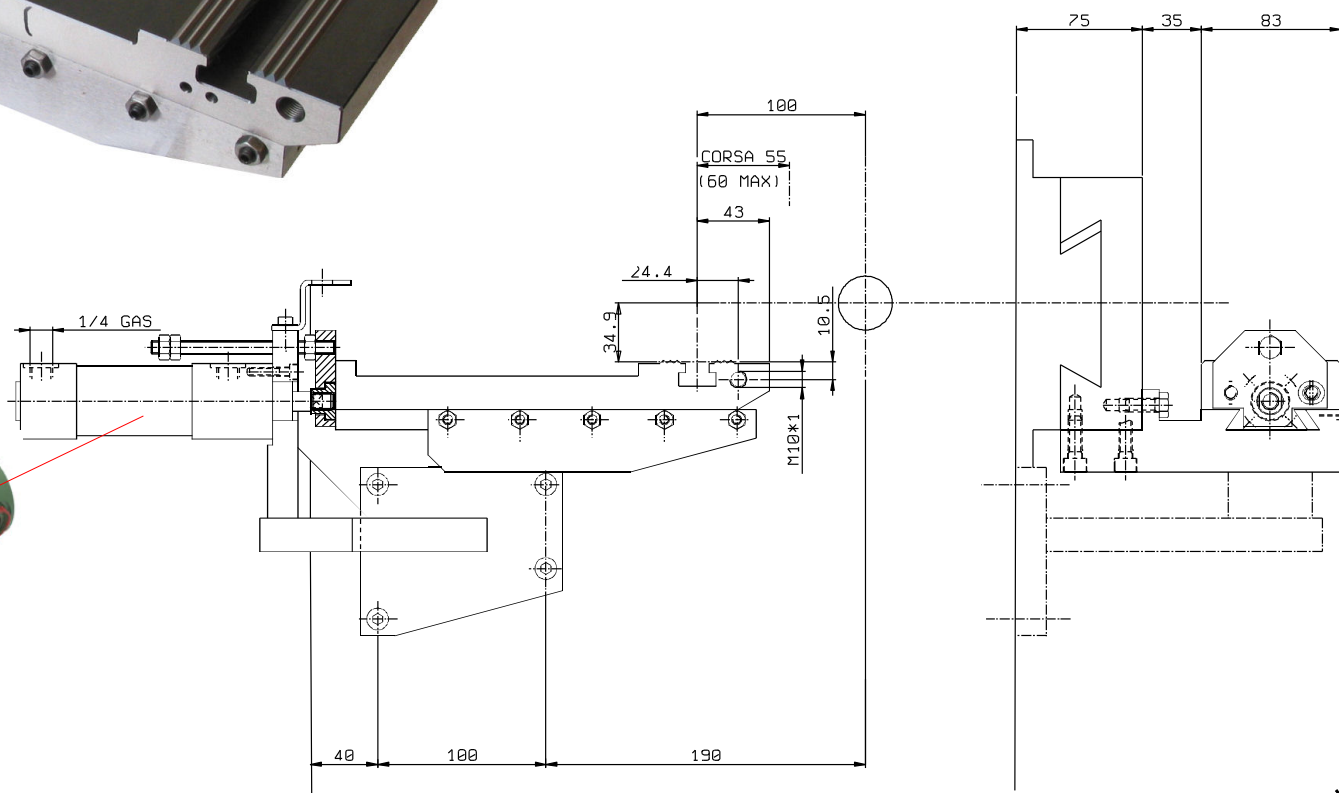


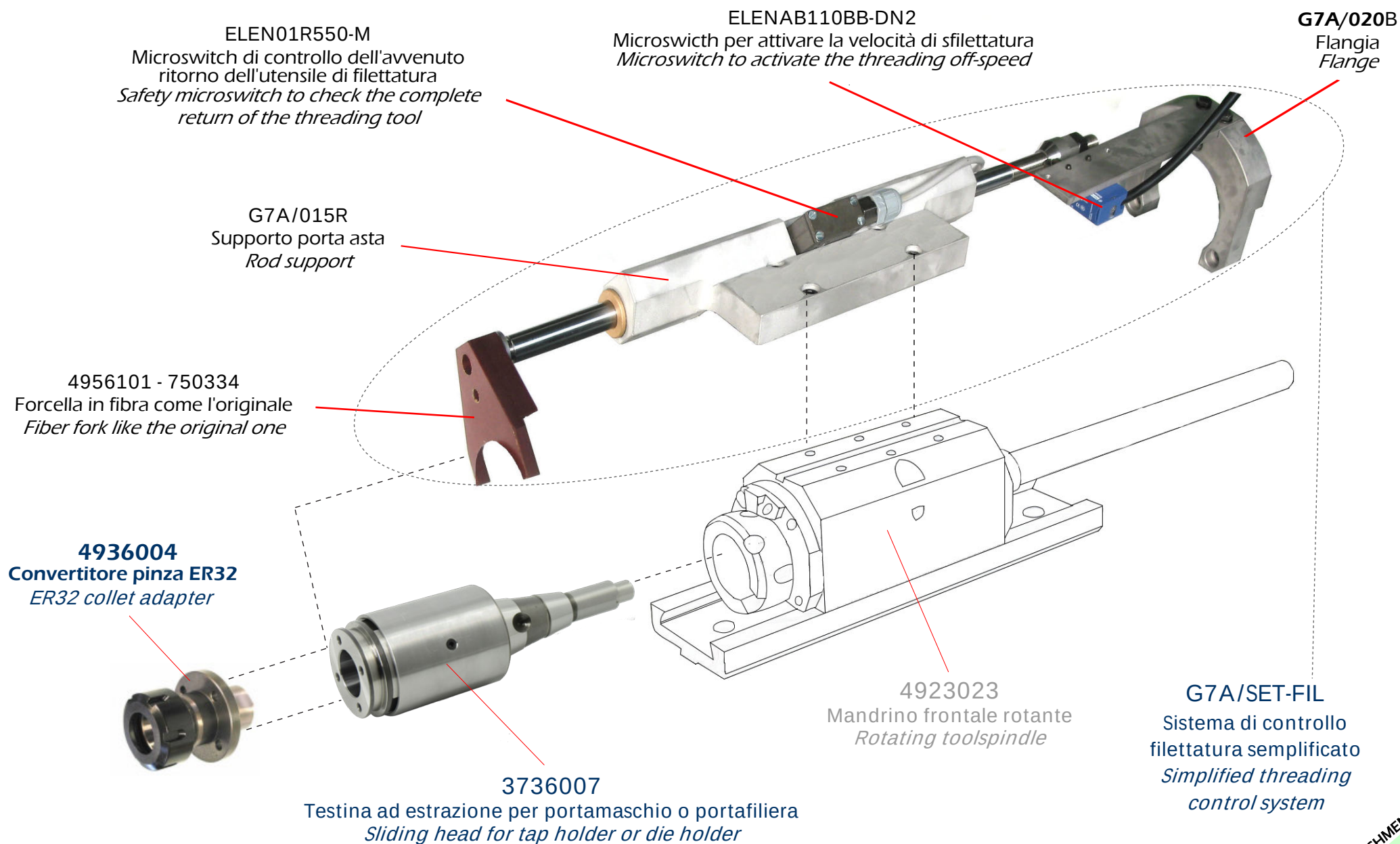
06060700

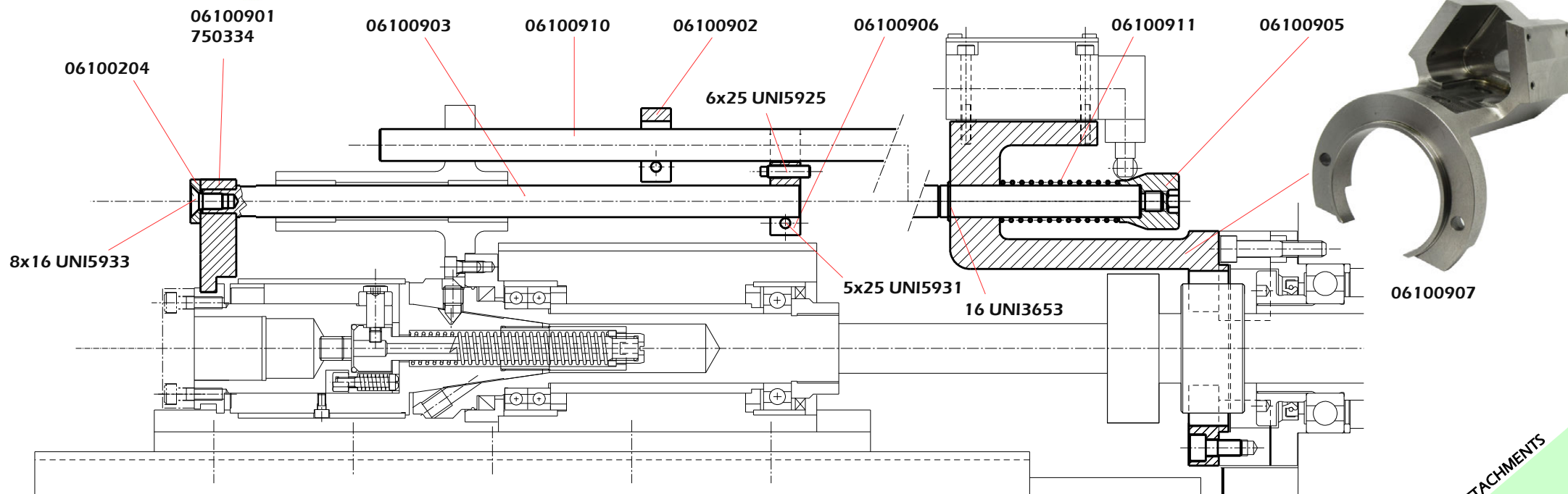
Portautensile da ripresa (vedere pagina 156)
Back-finishing tool holder (see page 156)

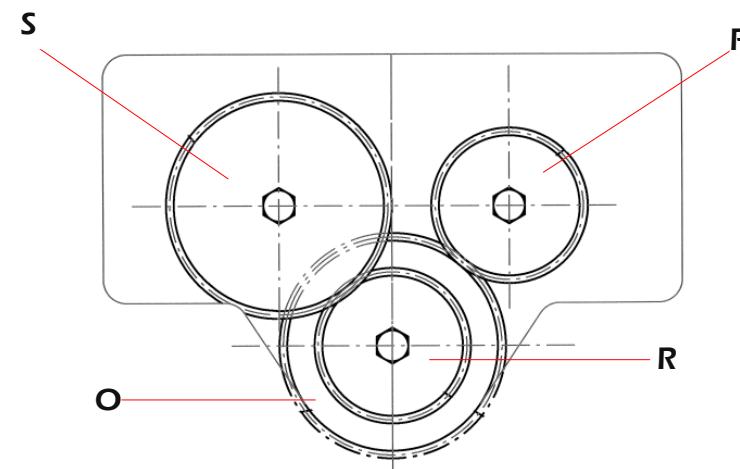
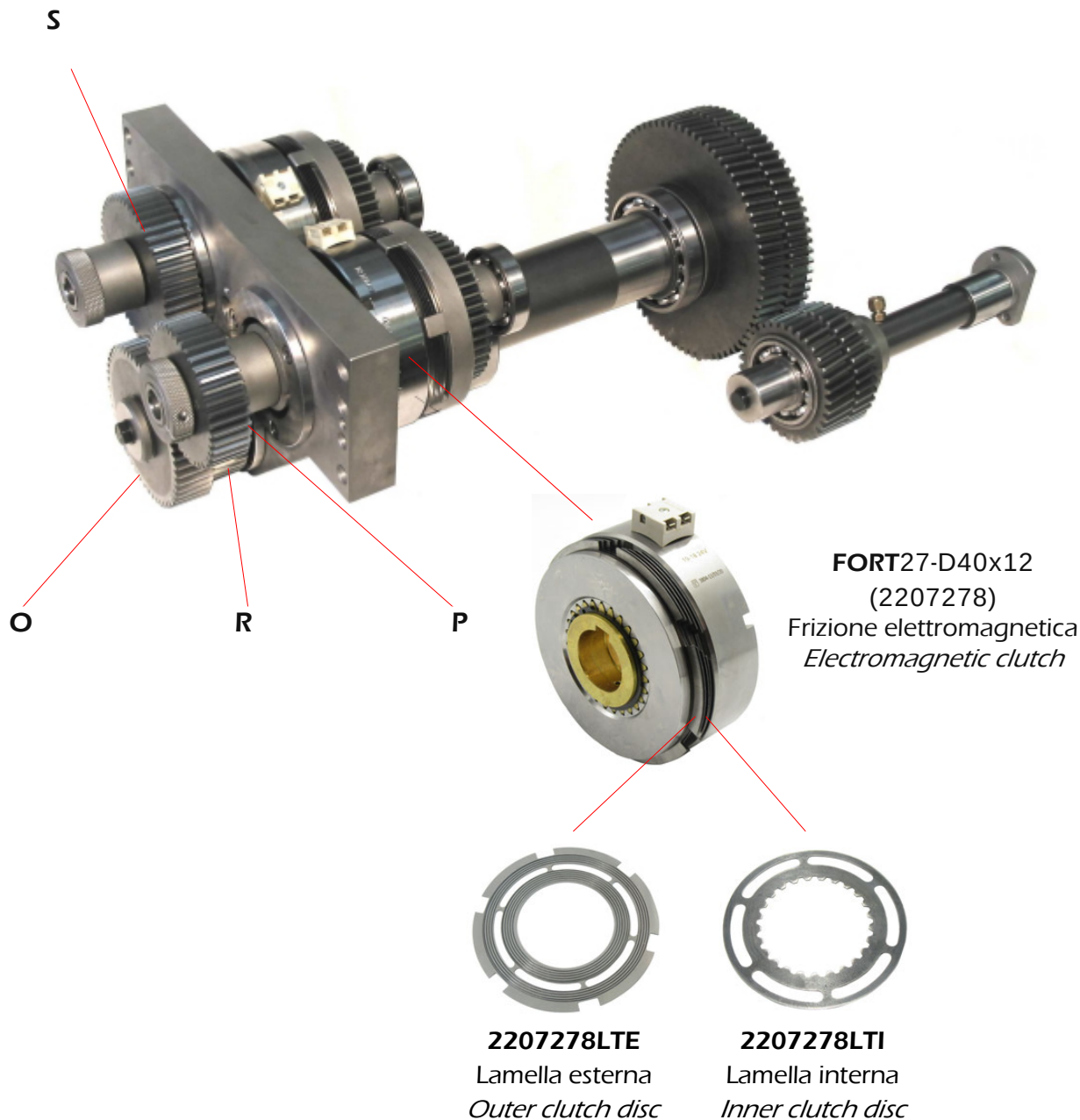


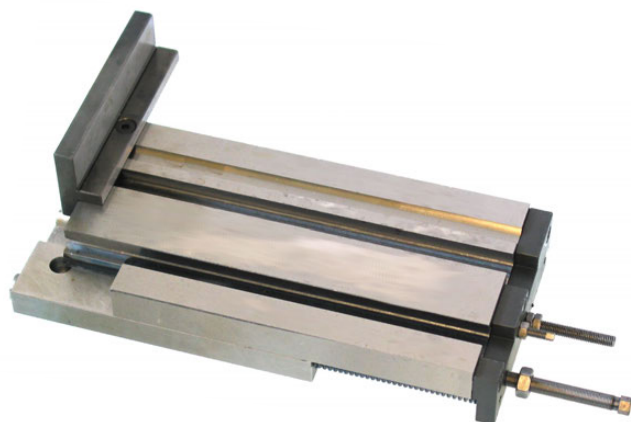
IDR-CL25-C60









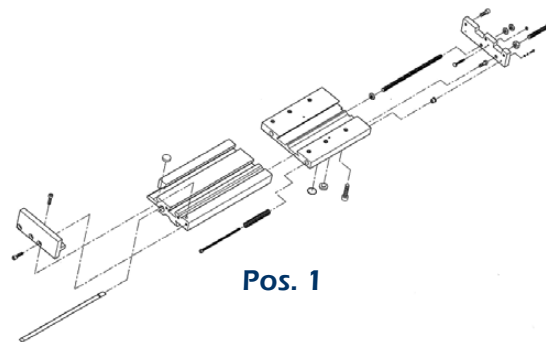
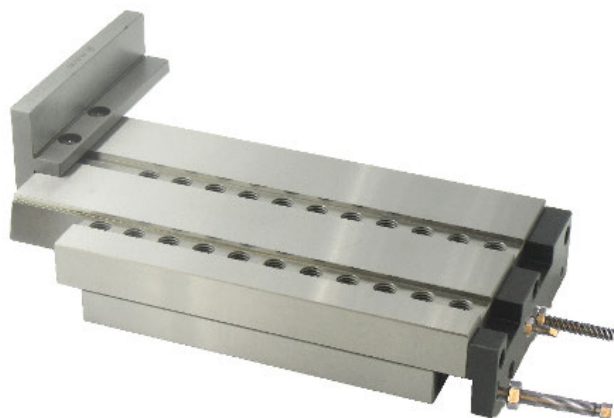


Slitta con cave a "T"
Slide with "T" shape slots

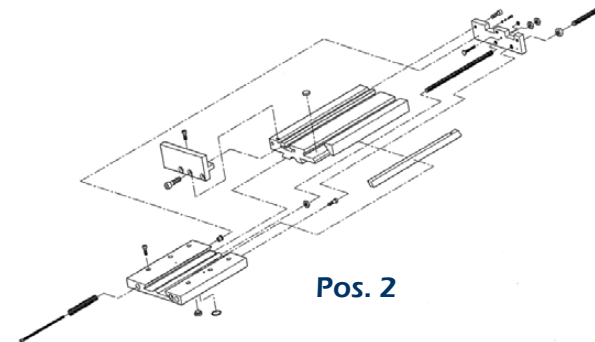
Codice Code	Posizione Position
4925019	1
4925020	2
4925017	4
4925018	5

Slitta con fori M12
Slide with M12 threaded holes

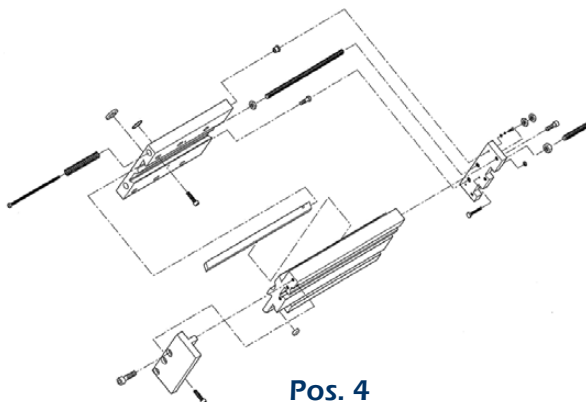
Codice Code	Posizione Position
4925023	1
4925024	2
4925021	4
4925022	5



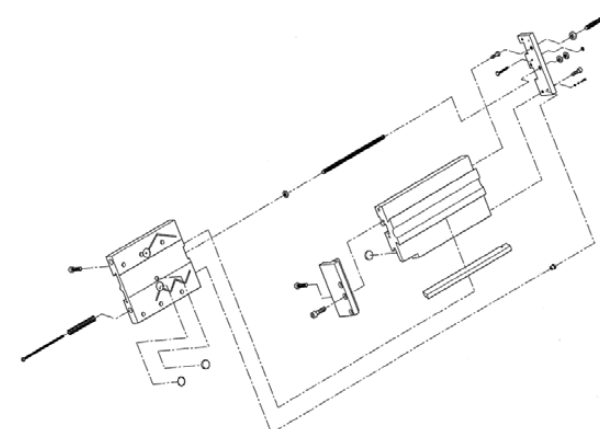
Pos. 1



Pos. 2

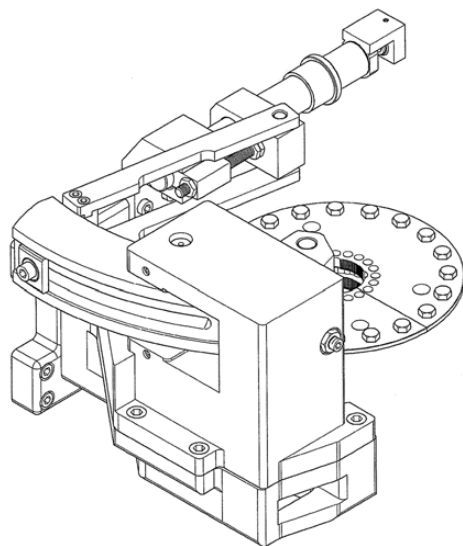


Pos. 4

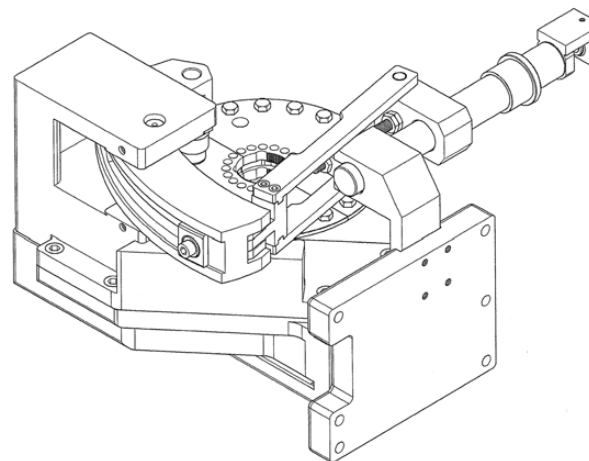


Pos. 5

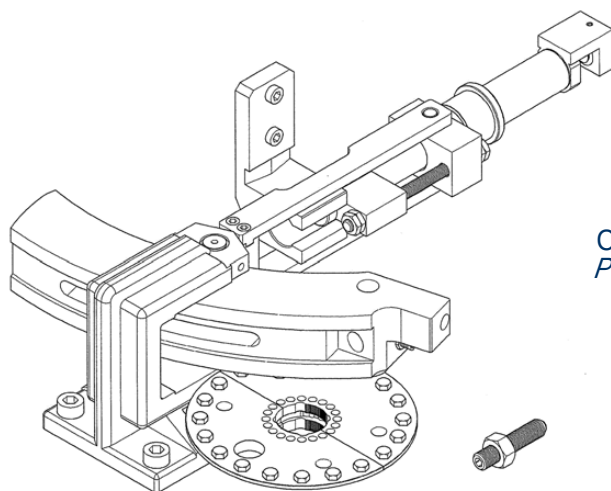




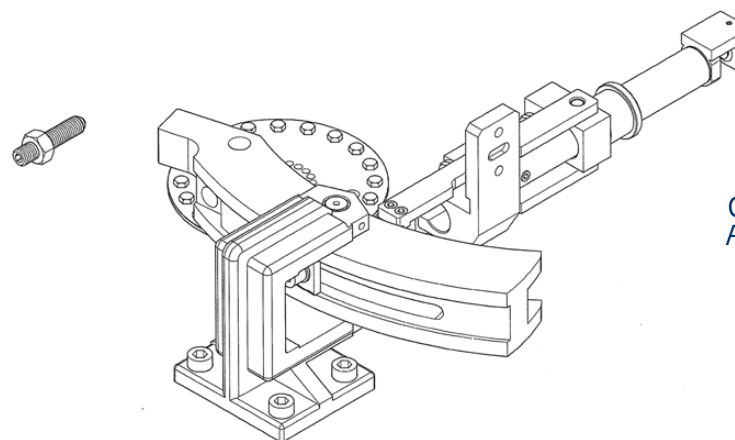
4925013
Comando assiale pos.1
Pos.1 axial slide control



4925014
Comando assiale pos.2
Pos.2 axial slide control



4925015
Comando assiale pos.4
Pos.4 axial slide control

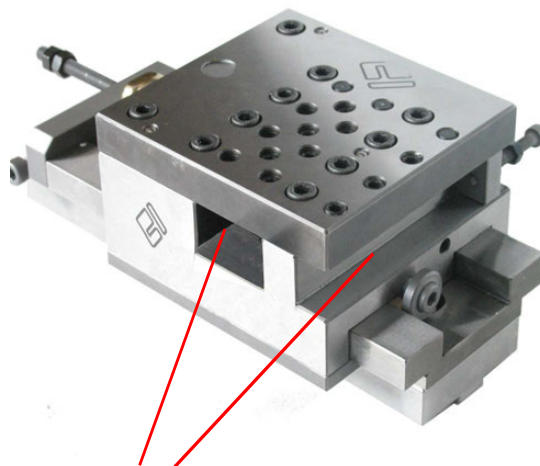
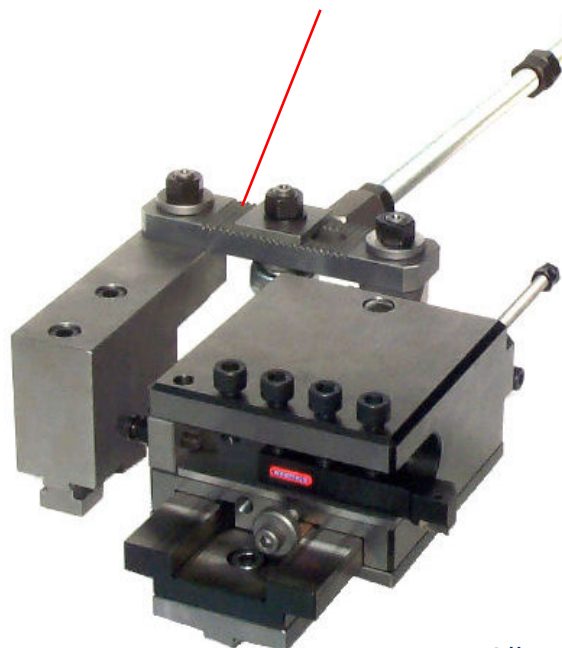


4925016
Comando assiale pos.5
Pos.5 axial slide control

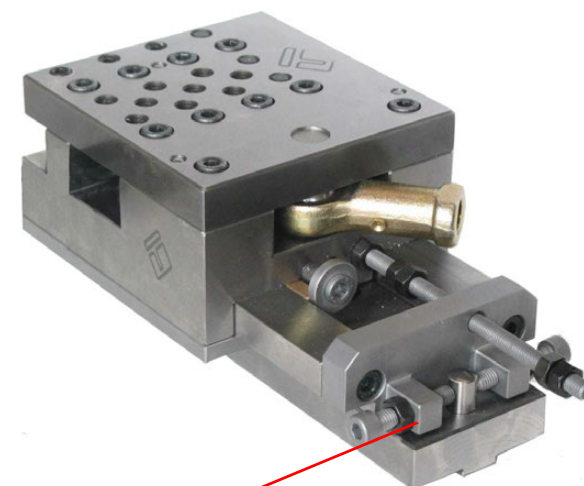




Leva regolabile di moltiplicazione dell'avanzamento
Adjustable feed multiplier lever



Alloggiamenti per il **montaggio di due utensili**
Places for the fitting of two turning tools



Inclinazione della base inferiore regolabile tramite viti
Inclination of the lower base adjustable by means of screws

Il carro tornitore può essere utilizzato sulle slitte trasversali della macchina, per effettuare operazioni di tornitura in passata, anche conica.

L'avanzamento avviene montando una staffa di spinta sul mandrino frontale della stessa stazione ove è fissato il carro tornitore.

L'inclinazione della base inferiore è regolabile tramite viti.

Su richiesta, possiamo fornire un carro tornitore provvisto di leva regolabile di moltiplicazione dell'avanzamento.

The longitudinal turning slide is placed on the cross slides of the machine, and it can perform pass turning operations, including taper ones.

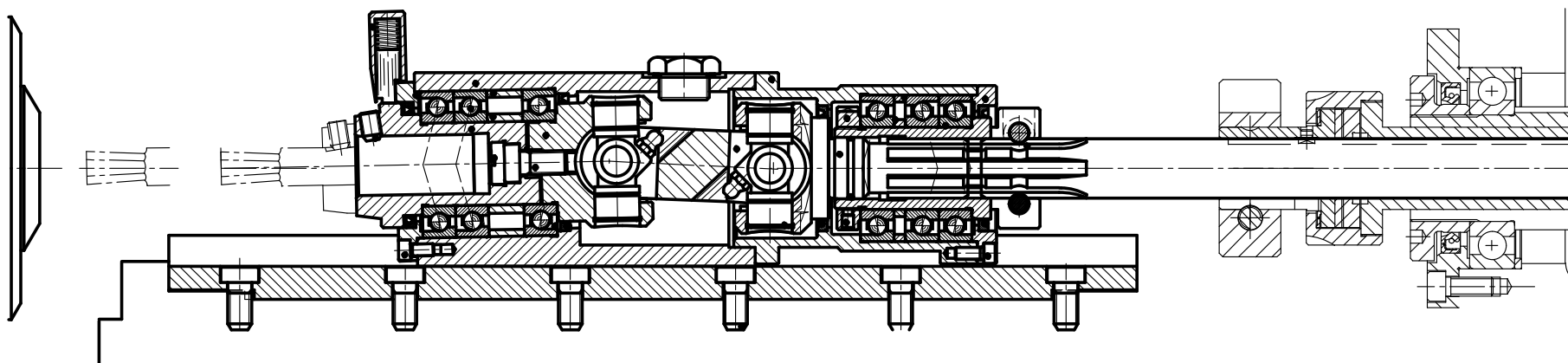
The feed of the attachment is provided by a pushing bracket fixed to the rotating toolspindle in the same position where the longitudinal turning slide is placed. The inclination of the lower base is adjustable by means of screws.

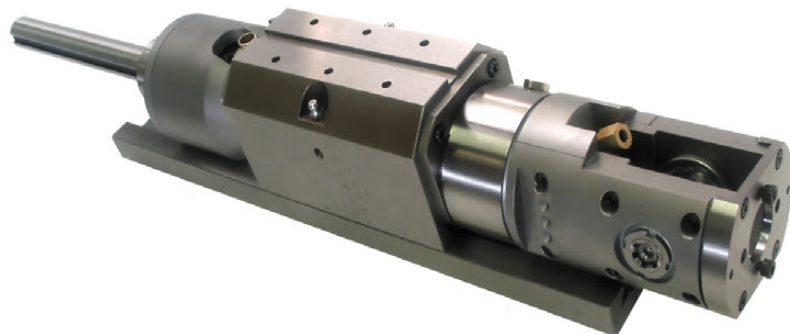
Upon request, we can supply a longitudinal turning slide having an adjustable feed multiplier lever.



Accessori disponibili su richiesta / Accessories available on request

Codice / Code	Descrizione / Description
9554002	Portabroccia per interni Ø16 <i>Internal broach holder Ø16</i>
9554003	Portabroccia per esterni Ø38 <i>External die holder Ø38</i>
33010200	Freno per brocciatore <i>Brake for broaching attachment</i>
30011300 or 3758042	Gruppo di orientamento <i>Angular phasing device</i> Ingranaggio orientabile <i>Angular phasing gear</i>





Accessori disponibili su richiesta / Accessories available on request

Codice / Code	Descrizione / Description
G1S/002	Set di chiavi per smontaggio e registrazione <i>Set of tools for disassembly and adjustment</i>
G1S-DIST	Set distanziali pacco fresa <i>Set of spacers for the milling disc</i>
G1S-BD	Boccola guidapezzo <i>Guide bushing</i>
30011300	Gruppo di orientamento <i>Angular phasing device</i>
35094100	Gruppo di lubrificazione a nebbia d'olio <i>Oil mist lubrication unit</i>

Questo fresatore frontale monta una testa di tipo GR1 (come sulla GM20).

Il dispositivo scorre su una coulisse fissata all'esagono centrale, che quindi può rimanere fermo durante la operazioni di fresatura; ne consegue che non è necessario che la macchina sia equipaggiata con la camma necessaria a muovere il movimento centrale.

La rotazione sincrona della testa permette di eseguire lavorazioni con il pezzo in rotazione (tipo taglio cacciavite e altre).

This frontal milling attachment is supplied with a GR1 head (like in the GM20 machine).

The attachment slides on its base fixed to the central block, that can remain stationary during the frontal milling operations; therefore the machine doesn't need to be equipped with the cam that moves the central block.

The synchronized rotation of the head of the frontal milling attachment allows the machine to execute frontal milling operations on rotating parts (such as the screwdriver slot milling etc.).

CARATTERISTICHE TECNICHE / TECHNICAL FEATURES:

- | | |
|--|----------------------|
| • Posizione di montaggio / <i>Mounting positions</i> | tutte / all |
| • Velocità massima della macchina / <i>Max machine rotating speed</i> | 3000 rpm |
| • Regolazione trasversale pacco frese / <i>Cross adjustment of milling disc position</i> | +/- 0,5 mm |
| • Diametro massimo fresa / <i>Max milling disc diameter</i> | 70 mm |
| • Diametro massimo del pezzo / <i>Max piece diameter</i> | 25 mm |
| • Diametro standard dei distanziali delle frese / <i>Standard diameter of the spacers for the milling disc</i> | 35 mm |
| • Massimo spessore del pacco frese / <i>Max distance between 2 milling discs</i> | 22 mm |
| • Rapporto di fresatura / <i>Milling ratio</i> | 0,39 acciaio / steel |
| | 0,61 ottone / brass |



Accessori disponibili su richiesta / Accessories available on request

Codice / Code	Descrizione / Description
G7S-B-Ø	Boccola guida pezzo / Guide bushing
G7S-SD	Set distanziali pacco fresa / Set of spacers for milling disc
30011300	Gruppo di orientamento / Angular phasing device
35094100	Gruppo di lubrificazione a nebbia d'olio / Oil mist lubrication unit
4911002*	Comando supporto centrale / Central block control
	Camma per comando supporto centrale (vedere pagina 146) Cam for central block control (see page 146)

* Necessario per il funzionamento (vedere pagina 164)

Required for operation (see page 164)

Fresatore frontale con rotazione sincrona della testa, in grado di eseguire lavorazioni con il pezzo in rotazione (tipo taglio cacciavite e altre).

Poiché ogni singolo componente è intercambiabile con quelli originali, siamo in grado di revisionare i vostri fresatori frontali originali Saco o di fornirvi i ricambi richiesti. **ATTENZIONE:** poiché questo tipo di apparecchio non scorre su una coulisse, ma viene fissato direttamente sul blocco centrale, la macchina deve essere equipaggiata con la camma necessaria all'avanzamento del blocco centrale.

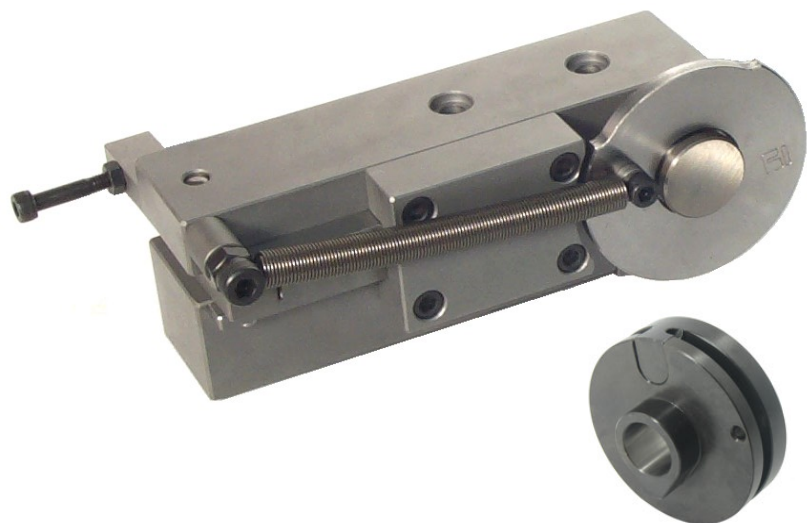
Frontal milling attachment with synchronized rotation of the head, suitable for executing frontal milling operations on rotating parts (such as the screwdriver slot milling etc.).

As every single part is interchangeable with the original ones, we can repair your SACO original frontal milling attachments, or supply the requested spare parts.

REMARK: as this kind of attachment doesn't slide on its base, but it must be fixed to the central block, the machine must be equipped with the cam that moves the central block.

CARATTERISTICHE TECNICHE / TECHNICAL FEATURES:

- | | |
|--|-------------------------------------|
| • Posizione di montaggio / <i>Mounting positions</i> | 3 - 4 - 5 |
| • Velocità massima della macchina / <i>Max machine rotating speed</i> | 2000 rpm |
| • Distanza massima tra pinza e fresatore / <i>Max distance between collet and milling unit</i> | 225 mm |
| • Diametro massimo fresa / <i>Max milling disc diameter</i> | 80 mm |
| • Diametro massimo del pezzo / <i>Max piece diameter</i> | 35 mm |
| • Diametro standard dei distanziali delle frese / <i>Standard diameter of the spacers for the milling disc</i> | 35 mm |
| • Rapporto di fresatura / <i>Milling ratio</i> | Da concordare / <i>To be agreed</i> |



Dischi marcatori grezzi o con incisione / Blank or engraved marker discs

Codice / Code	Descrizione / Description
G3L011	Disco marcatore spessore 6 mm / 6 mm wide marker disc
G3L011/12	Disco marcatore spessore 12 mm / 12 mm wide marker disc
G3L011/15	Disco marcatore spessore 15 mm / 15 mm wide marker disc
G3L/011-RPL	Disco marcatore a caratteri mobili / Marker disc with interchangeable letters
G3L/011-CHR	Carattere mobile per disco marcatore / Interchangeable letter for marker disc

Questo apparecchio viene utilizzato per marcare i componenti meccanicamente in modo semplice e veloce.

La slitta trasversale, su cui è montato il timbratore radiale, avanza fino a quando il disco inciso tocca il pezzo da marcare: a causa dell'attrito tra disco e superficie del pezzo, il disco inizia a girare, andando a realizzare progressivamente l'incisione richiesta sul pezzo.

Dopo una rotazione, l'incisione è finita ed un chiavistello ferma il disco in una posizione di riposo, dove non può toccare nuovamente il pezzo appena marcato. Quando la slitta radiale ritorna indietro, un perno, presente sulla parete della macchina, tocca una vite fissata alla leva posteriore del timbratore, che sblocca il chiavistello, consentendo al disco marcatore di tornare nella sua posizione di partenza grazie ad una molla di richiamo.

Il nostro timbratore radiale può essere montato al contrario, per adattarsi a tutte le stazioni della macchina.

Siamo in grado di fornire sia dischi grezzi sia già incisi secondo la richiesta del cliente; è anche disponibile un disco marcatore a caratteri mobili.

This cross marking attachment is used mark pieces mechanically in an easy and quick way.

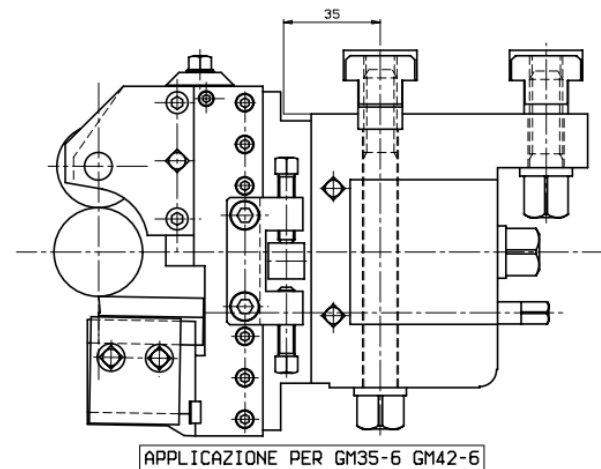
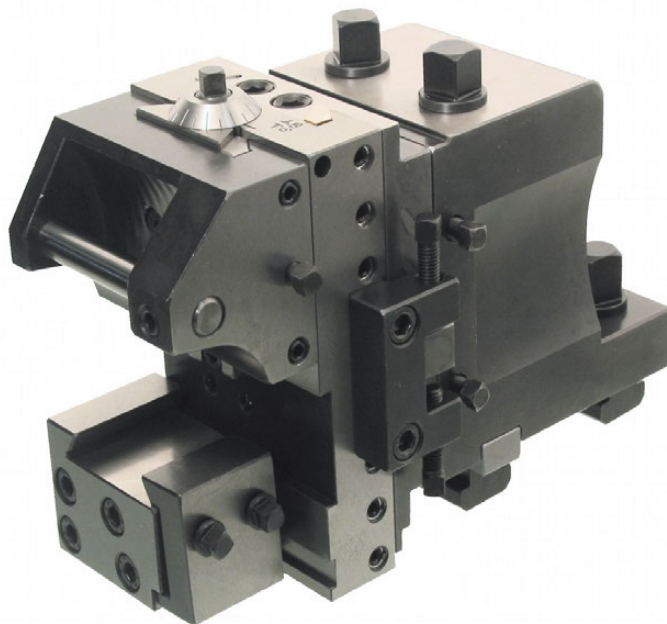
The cross slide, where the attachment has been fixed, moves forward till the engraved marker disc hits the piece to be marked: because of the friction between the disc and the piece, the marker disc starts to rotate, progressively creating the required engraving on the piece.

After one rotation, the engraving is over, and a locking pin blocks the marker disc in a rest position, where it cannot touch the already engraved piece again.

When the cross slide returns back, a pin on the machine wall touches a screw fixed to the rear lever of the attachment, that releases the locking pin and allows the marker disc to return to its home position by means of a return spring.

Our cross marking attachment can be fixed to the cross slide in reverse, in order to fit all the positions in the machine.

We can supply both blank discs and engraved discs, following the customer's request; it's also available a marker disc with interchangeable letters.



Il calibratore è un dispositivo in grado di realizzare diametri molto precisi.
Va montato su una slitta radiale della macchina, in qualsiasi posizione.
Viene fornito senza rullo e senza utensile, in quanto variano col tipo di lavorazione da eseguire.

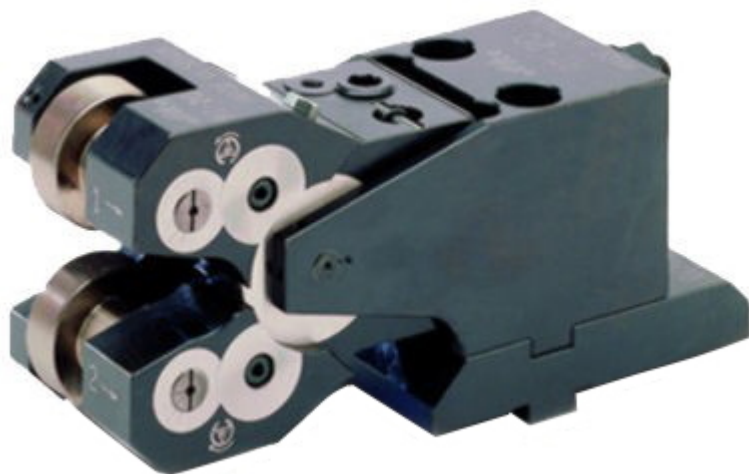
ATTENZIONE:

I ricambi del nostro apparecchio sono intercambiabili con quelli dell'originale SACO GR.3

*The shaving tool holder is used to make very precise diameters.
It has to be fixed to a cross slide of the machine, at any positions.
The roller and shaving tool are not included with the device, because they vary according to the type of machining required.*

REMARK

The spares of our shaving tool holder are interchangeable with the ones of the SACO GR.3 original one.

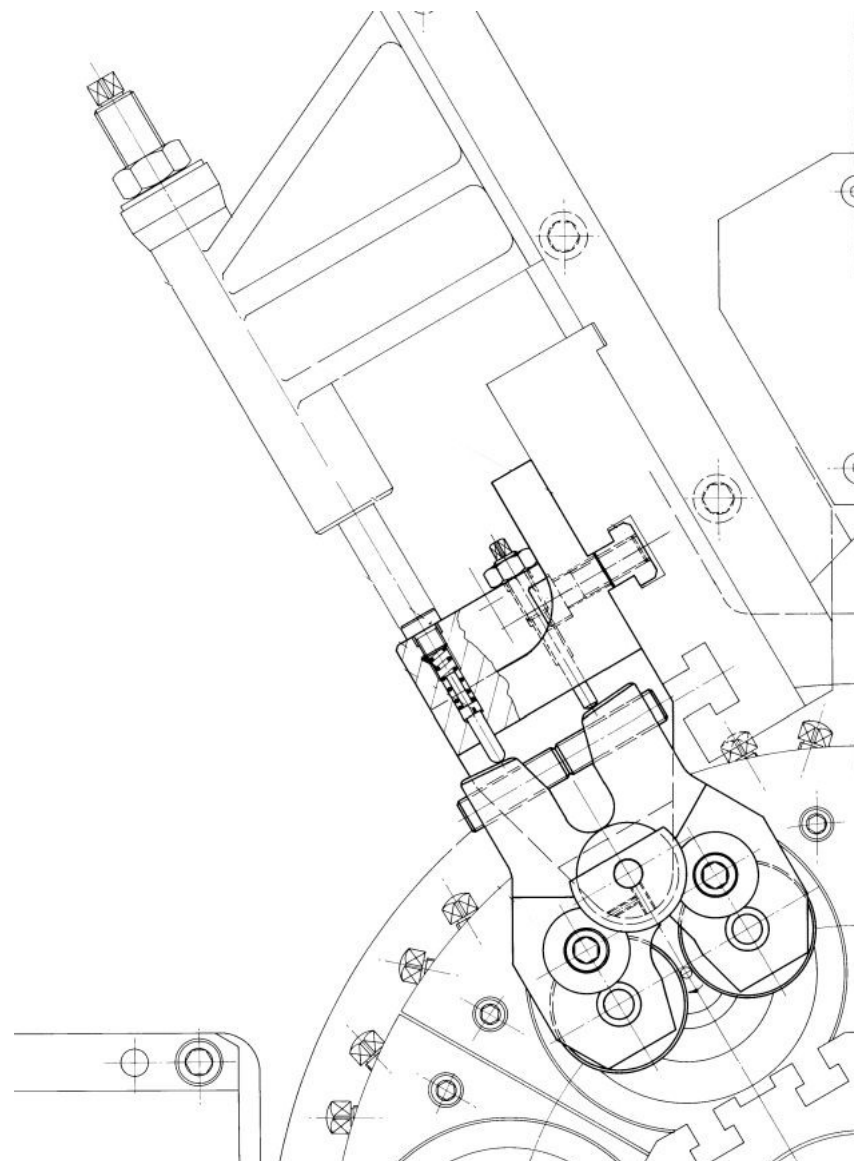


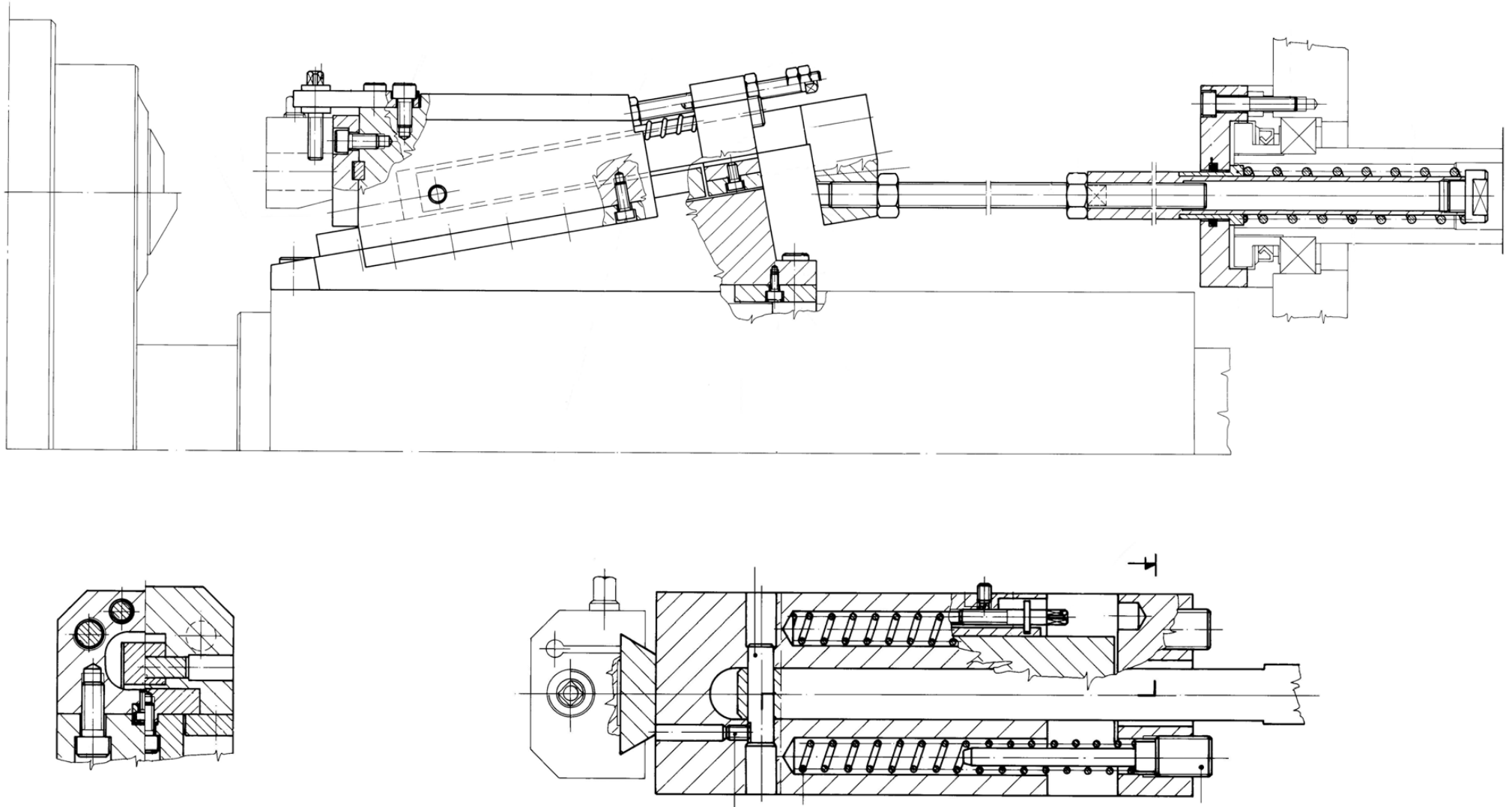
Siamo in grado di fornire rullatori di filetti tangenziali "Fette" usati/revisionati.
I modelli utilizzati su questa macchina sono T18 e T27

*We can supply used / refurbished "Fette" thread rolling attachments.
The models suitable for the GM35 machine are the T18 and T27*

Accessori disponibili su richiesta / *Accessories available on request*

Codice / Code	Descrizione / Description
FETTE/T18	Testa per rullatore di filetti modello "Fette" T18 <i>Head for "Fette" T18 thread rolling attachment</i>
3743020	Supporto per rullatore di filetti modello "Fette" T18 <i>Support for Fette" T18 thread rolling attachment</i>
FETTE/T27	Testa per rullatore di filetti modello "Fette" T27 <i>Head for "Fette" T27 thread rolling attachment</i>
3743021	Supporto per rullatore di filetti modello "Fette" T27 <i>Support for Fette" T27 thread rolling attachment</i>







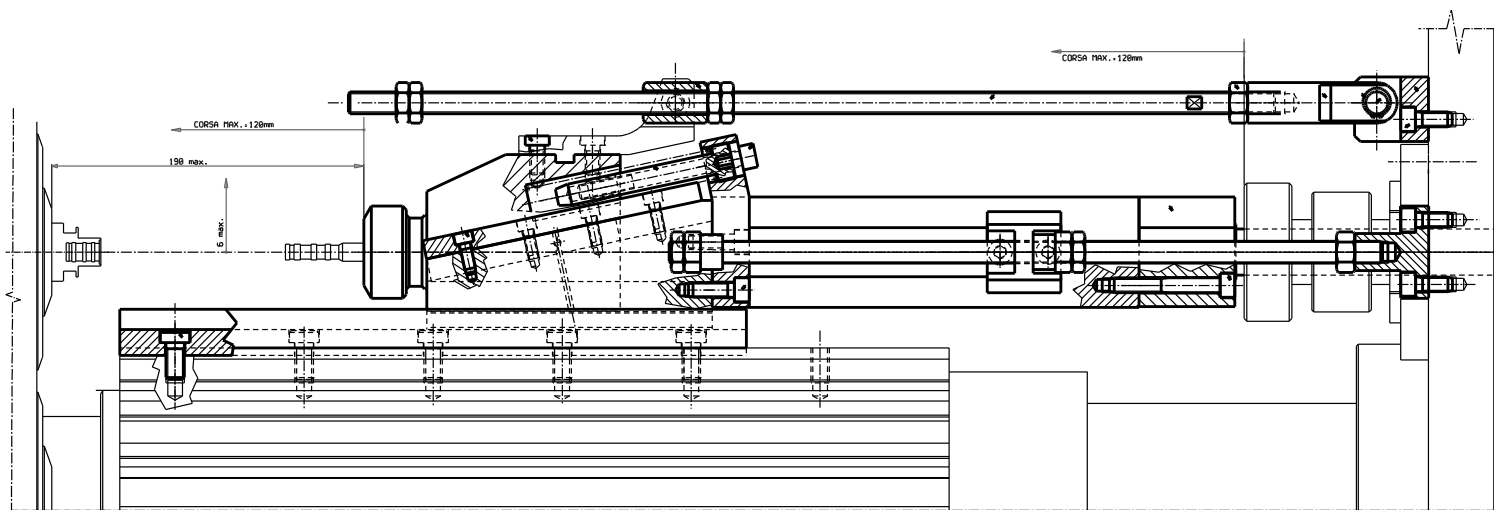
CARATTERISTICHE TECNICHE / TECHNICAL FEATURES:

- Base a coda di rondine per fissaggio a supporto centrale.
Dove-tail base to be fixed on the central block
- Mandrino utensile per pinza ER32
Toolspindle for ER32 collet
- Inclinazione rampa 12°
Ramp slope at 12°

Accessori disponibili su richiesta / Accessories available on request

Codice / Code	Descrizione / Description
3723005*	Albero intermedio + ingranaggio Z36 (con estrem. scanalata) <i>Intermediate shaft + Z36 driving gear (with splined end)</i>

* Necessario per il funzionamento (vedere pagina 163)
Required for operation (see page 163)

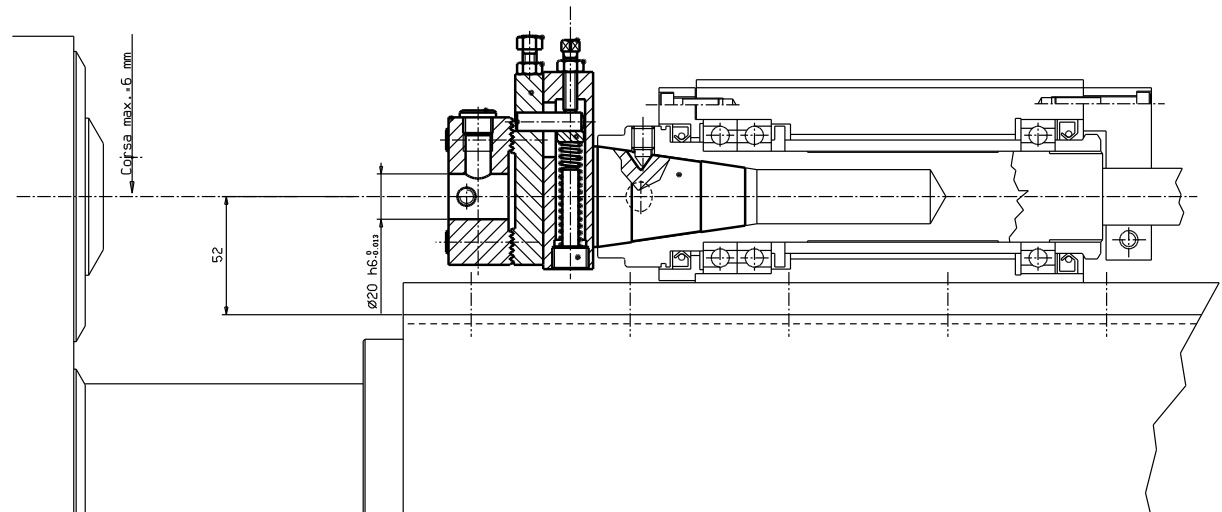
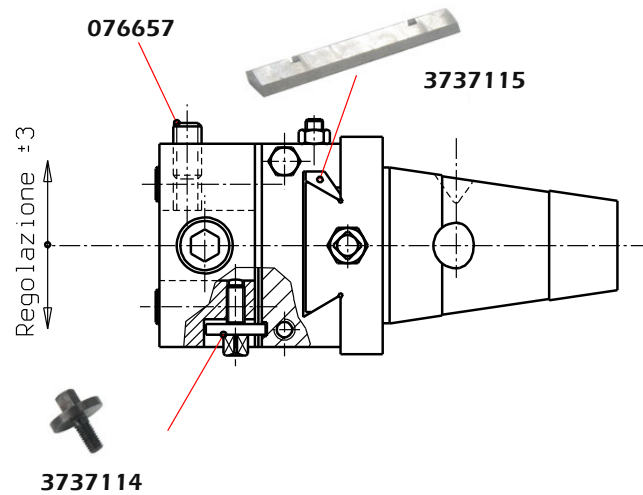
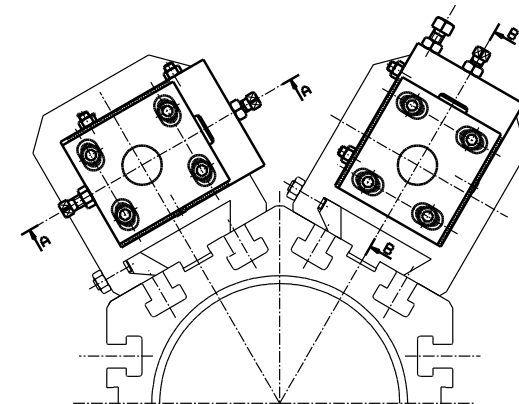


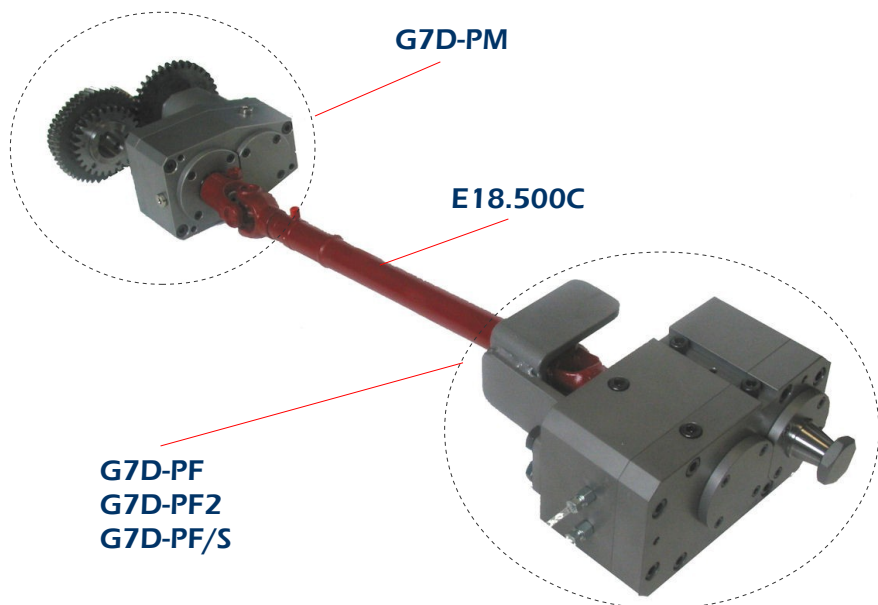


Fornibile su richiesta
Supplied upon request

3737016

Dima per testina per recesso a spinta
Bracket for push-recessing head





Codice / Code	Descrizione / Description
G7D-PM	Scatola di presamoto (ingranaggi di trasmissione inclusi) <i>Driving gear-box (driving gears included)</i>
E18.500C	Albero cardanico / <i>Cardan shaft</i>
G7D-PF	Scatola fresapoligoni / fresafilietti (tipo pesante) <i>Polygon generating / thread milling tool-box (heavy-duty model)</i>
G7D-PF2	Scatola fresapoligoni / fresafilietti (tipo compatto) <i>Polygon generating / thread milling tool-box (compact model)</i>
G7D-PF/S	Scatola fresapoligoni con corsa assiale dell'utensile <i>Polygon generating tool-box with axial travel of the tool</i>

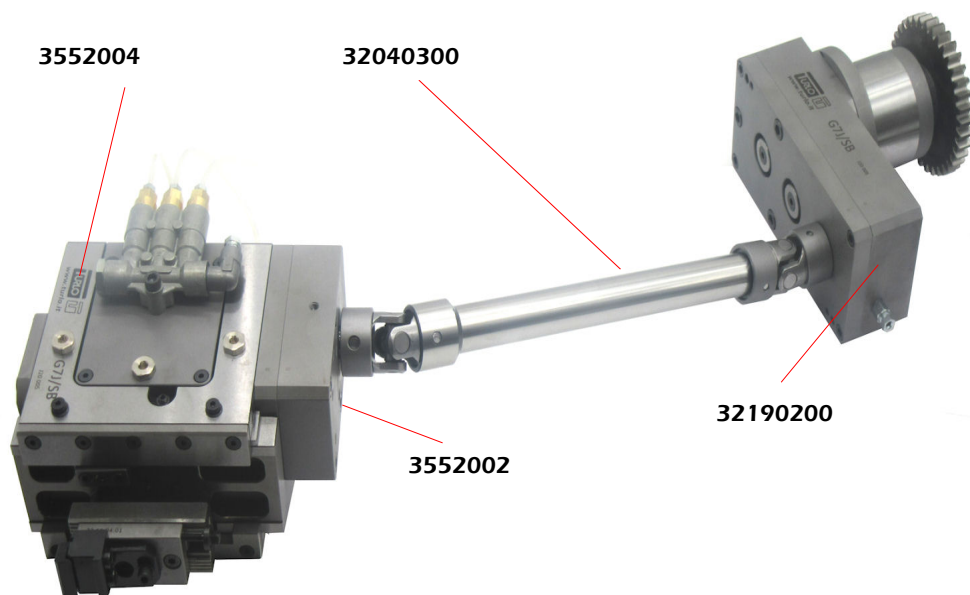
Accessori disponibili su richiesta / Accessories available on request

Codice / Code	Descrizione / Description
3723005S*	Albero intermedio + ingranaggio Z36 (senza estremità scanalata) <i>Intermediate shaft + Z36 driving gear (without splined end)</i>
PLAT3	Platorello Ø96 mm - foro conico 8°32' - 3 sedi inserti a 120° - 1 sede contrappeso <i>Ø96 polygon tool - 8°32' taper bore - 3 insert seats at 120° - 1 counterbalance seat</i>
PLAT3B	Platorello Ø96 mm - attacco conico 8°32' - 4 sedi inserti a 90° <i>Ø96 polygon tool - 8°32' taper bore - 4 insert seats at 90°</i>

* Necessario per il funzionamento (vedere pagina 163)
Required for operation (see page 163)

Il rapporto di velocità è determinato dagli ingranaggi montati sull'albero che esce dalla scatola di presamoto: la loro sostituzione è quindi semplice, non essendo necessario smontare la scatola di presamoto.
Per poter effettuare poligonature in passata (come ad esempio su parti in acciaio inox), la macchina deve essere provvista di slitta assiale e del relativo comando.

The speed ratio is determined by the gears fitted on the back of the driving gear-box shaft: their change is easy because it is not necessary to open the driving gear-box.
Polygon generating operations with axial travel of the tool (such as the ones executed on stainless steel parts) might be performed if the machine is equipped with axial slides and axial slide control.

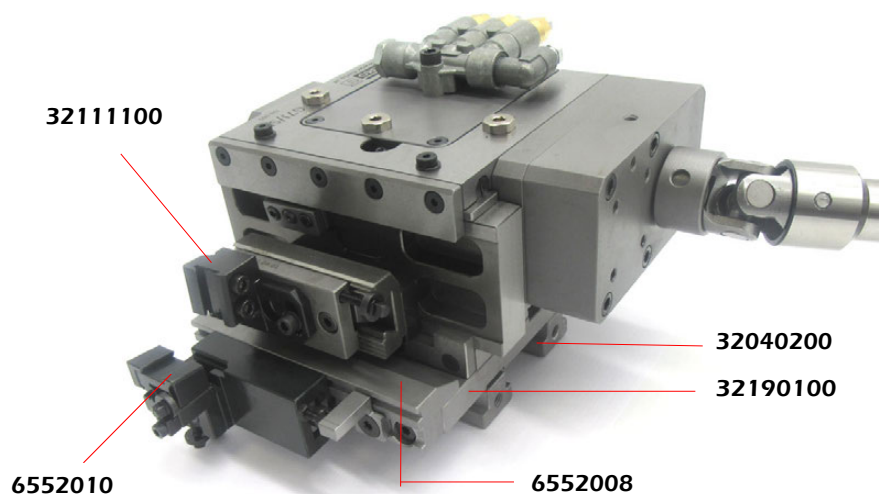


Codice / Code	Descrizione / Description
3552004	Testa filettatore a pettine / <i>Thread chasing head</i>
3552002	Scatola rapporto 1:3 con albero portacamma / <i>Ratio 1:3 box with cam shaft</i>
32040300	Albero cardanico / <i>Cardan shaft</i>
32190200	Scatola presamoto (ingranaggi esclusi) / <i>Driving gear-box (gears not included)</i>
32040200	Fissaggio a cuneo / <i>Wedge shape fixing</i>
32190100	Piastra di adattamento con cave a T / <i>Adapting plate with T slots</i>

Accessori disponibili su richiesta / *Accessories available on request*

Codice / Code	Descrizione / Description
32111100	Portautensile prismatico L=8,2mm / <i>L=8,2mm prismatic tool holder</i>
32111400	Portautensile prismatico L=15mm / <i>L=15mm prismatic tool-holder</i>
6552012	Portaut. prismatico per inserti PH-HORN / <i>Tool holder for PH-HORN inserts</i>
6552010	Portautensile sbavatore pos.4-5 / <i>Pos.4-5 deburring tool holder</i>
6552009	Adattamento portaut. sbavatore pos.4/ / <i>Pos.4 deburring tool adapter</i>
6552008	Adattamento portaut. sbavatore pos.5 / <i>Pos.5 deburring tool adapter</i>
TC-CAM	Doppia camma combinata / <i>Double chasing cam</i>
32110700	Quaterna ruote dentate intercambiabili / <i>Set of 4 gears for driving gear-box</i>
G1J-LUBR	Impianto di lubrificazione / <i>Lubrication unit</i>
3723005S *	Albero inter. + ingr. Z36 (no scanal) / <i>Inter. shaft + Z36 gear (no splined end)</i>
3723006	Ingranaggio Z27 per albero intermedio / <i>Z27 gear for intermediate shaft</i>

* Necessario per il funzionamento (vedere pagina 163)
Required for operation (see page 163)



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