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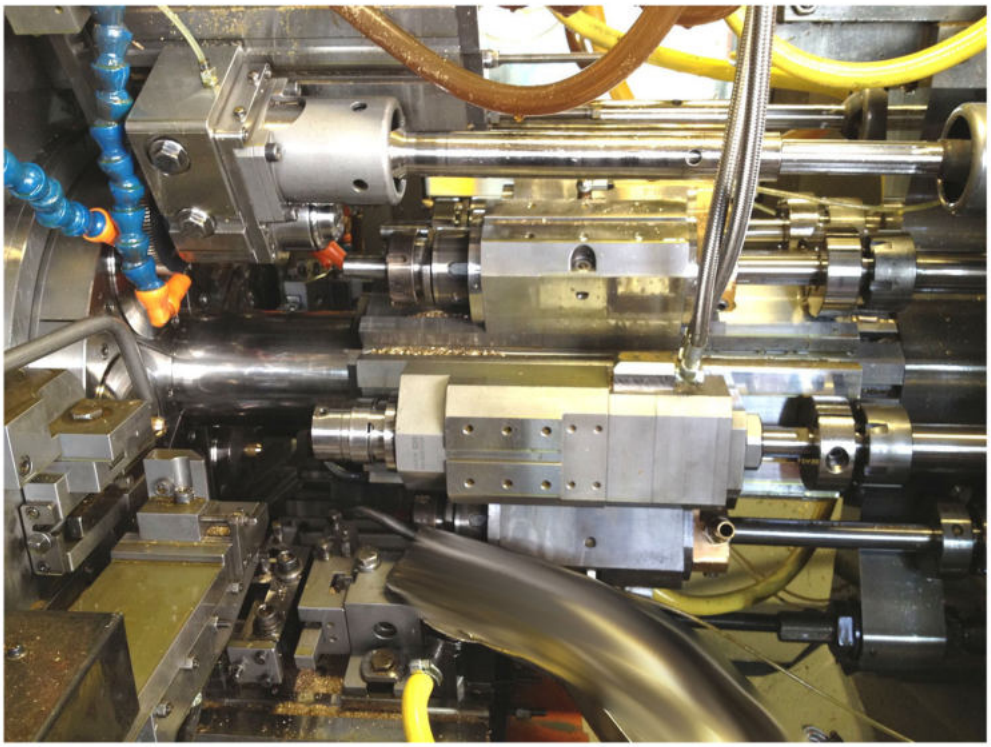
SPARE PARTS AND ATTACHMENT FOR MULTISPINDLE MACHINES

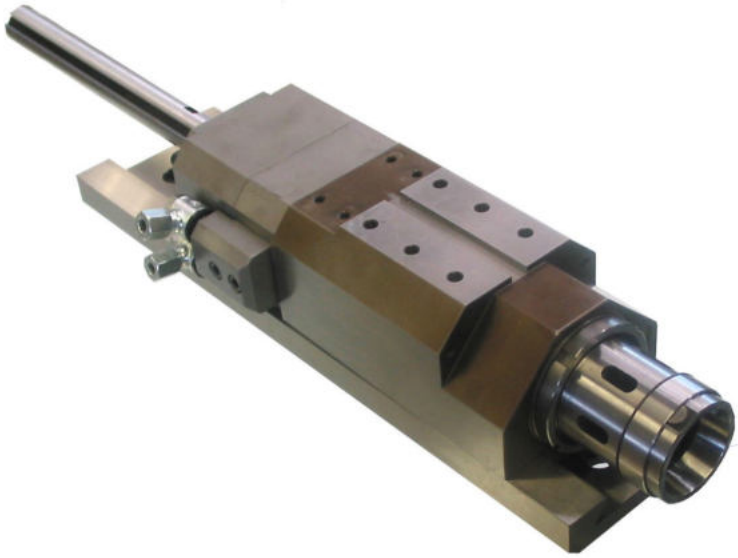


GITAL
GILDEMEISTER GM32 GM35 GM42

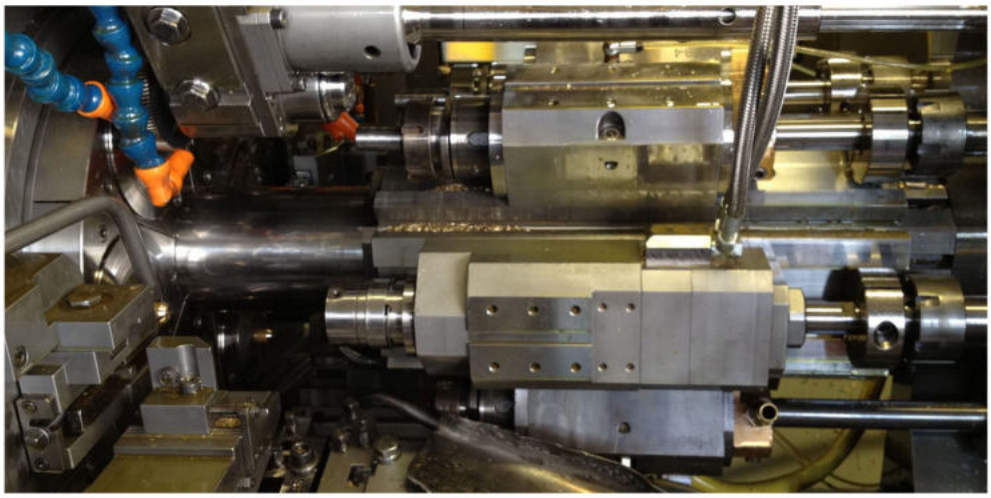
Attachments and spare parts

Catalogue issue: 09/2017

49.58.003 POS.6 HYDRAULIC PICK-UP ATTACHMENT

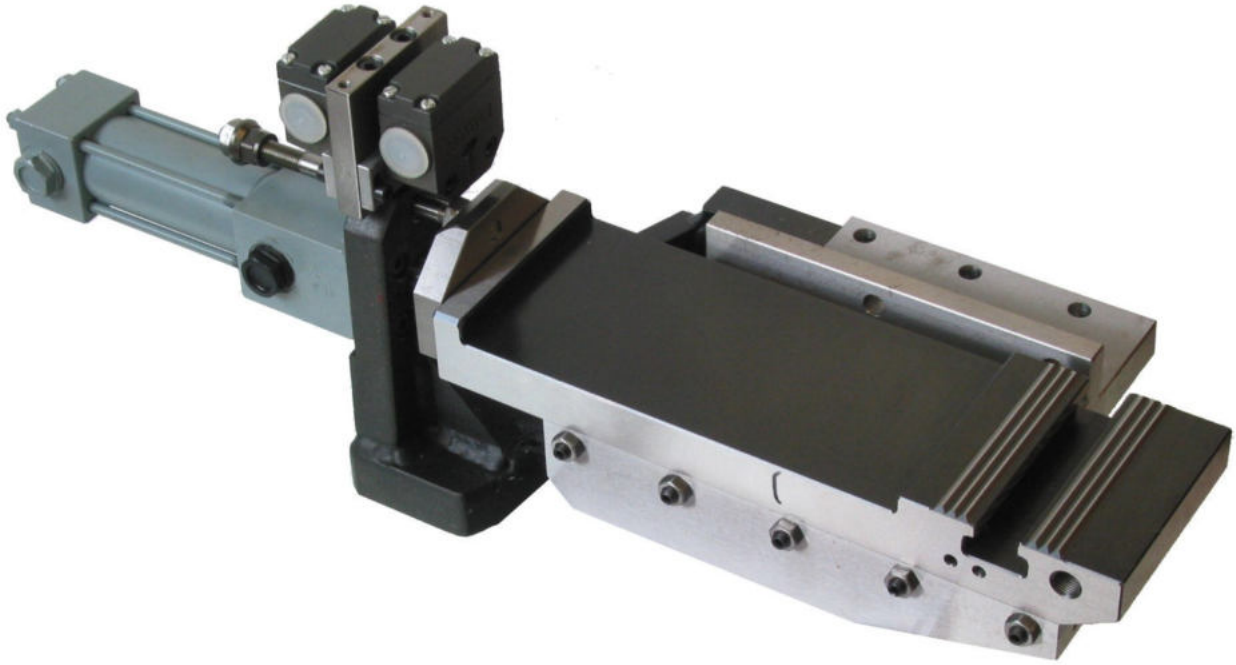


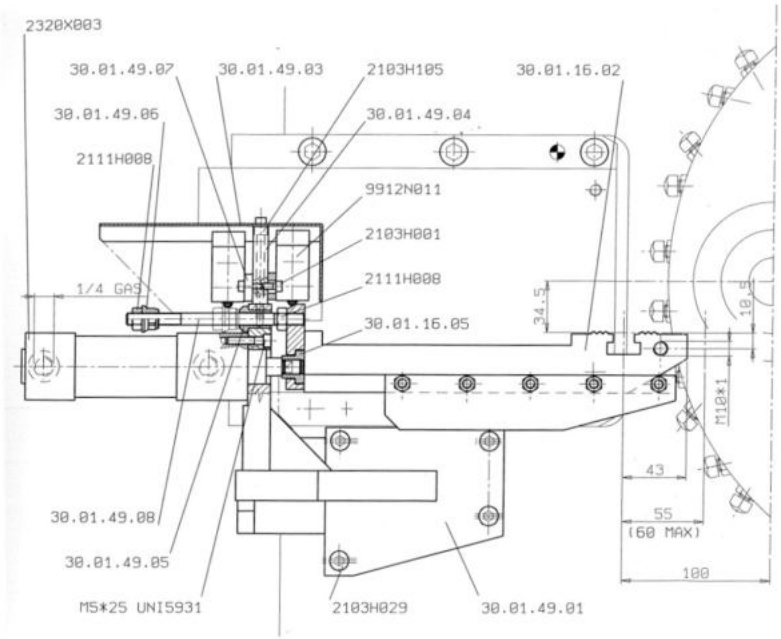
Pick-off spindle collet

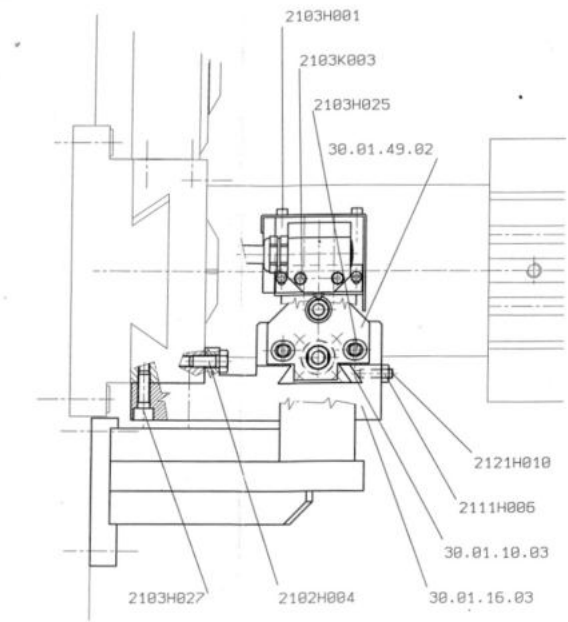


The pick-up attachment is used on cutting-off position frontal slide.
Its spindle rotates at the same speed than the bar, it clamps the part with the collet during the cutting-off.
Still with the part in the collet, it goes backward, allowing the positioning of the reprise tool-holder in front.
Going forward against the reprise tool it makes the finishing of the part on the back side.
The last phase is the opening of the collet and the expulsion of the part.
The opening and closing of the collet is fully hydraulic.
We can supply the hydraulic unit in case it is missing in the machine.
We can supply new complete attachments or spare parts for your original attachments
or we can rebuild your old attachments

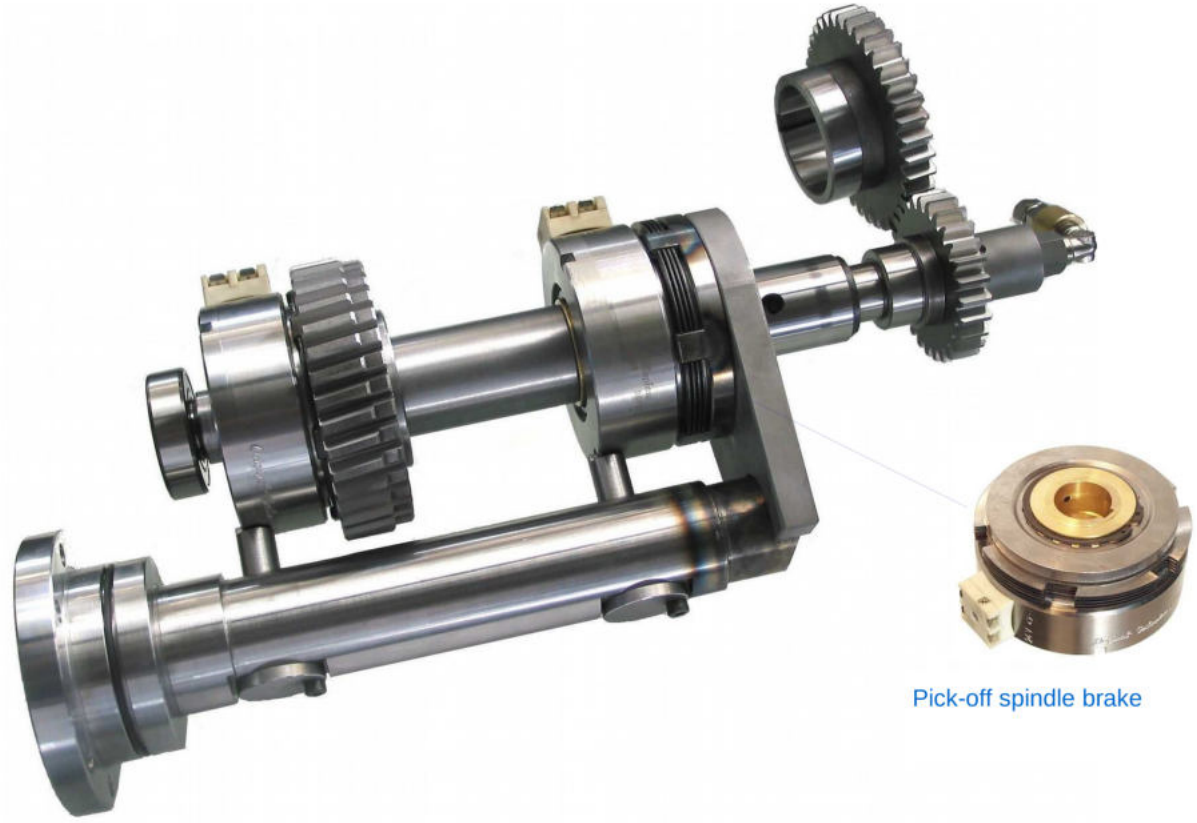
49.79.005 POS.6 ADDITIONAL CROSS SLIDE for rear machining Z



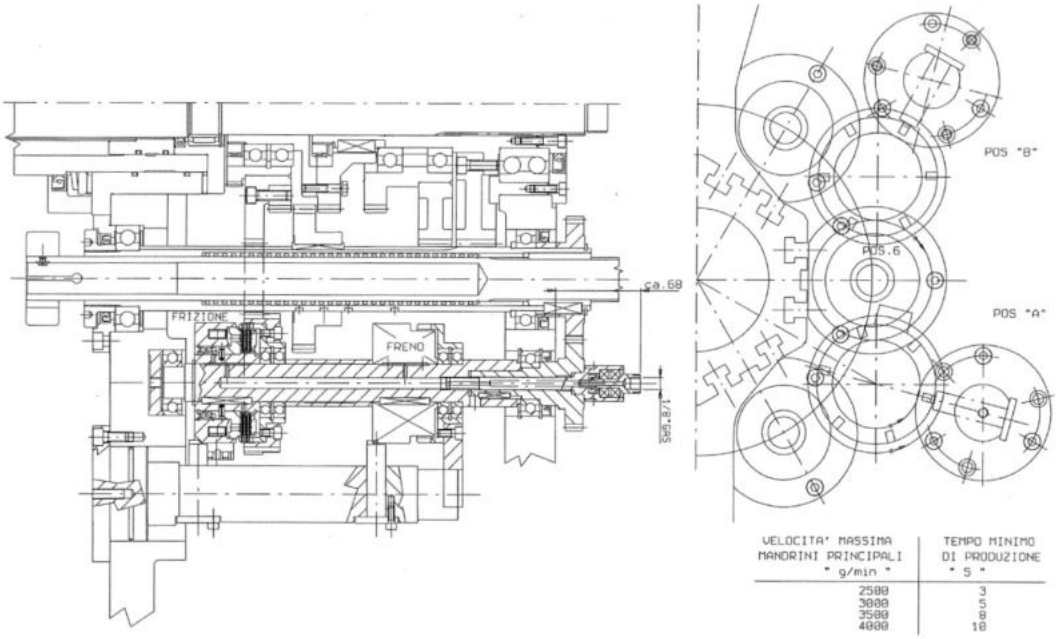




37.58.004 POS.6 PICK-UP SPINDLE STOPPING ATTACHMENT

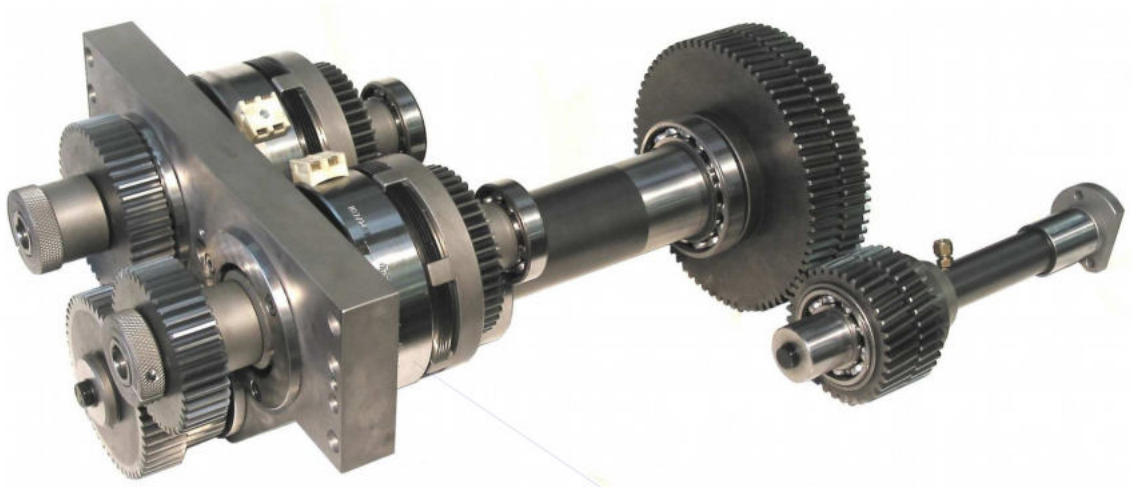


Pick-off spindle brake

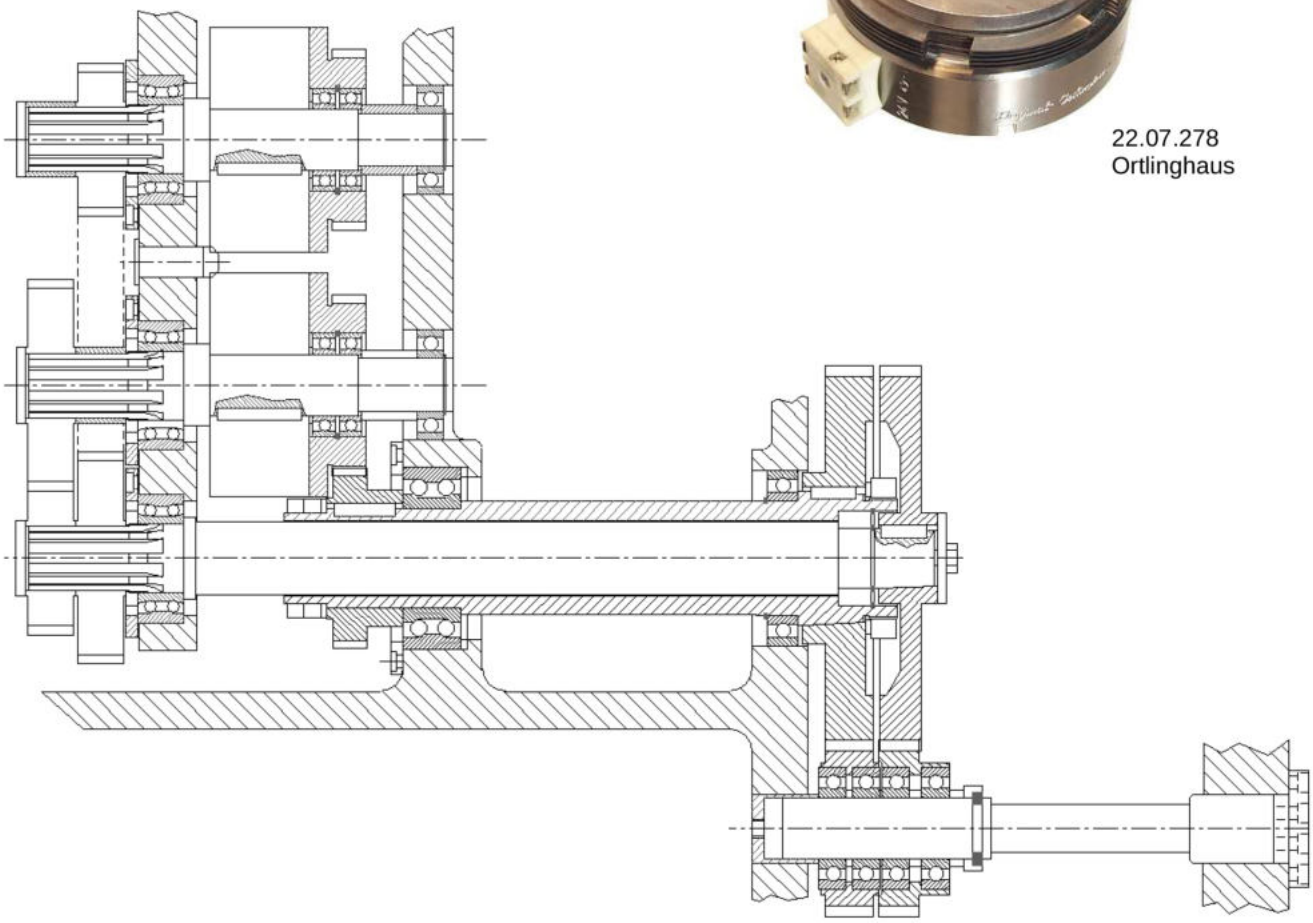


VELOCITA' MASSIMA MANDRINI PRINCIPALI " g/min "	TEMPO MINIMO DI PRODUZIONE " S "
2500	3
3000	5
3500	8
4000	10

37.23.004 THREADING CLUTCH ASSEMBLY



22.07.278
Ortlinghaus



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SIMPLIFIED THREADING CONTROL

ORIGINAL-LIKE THREADING CONTROL SET

75.03.34
(06.10.09.01) FIBER FORK

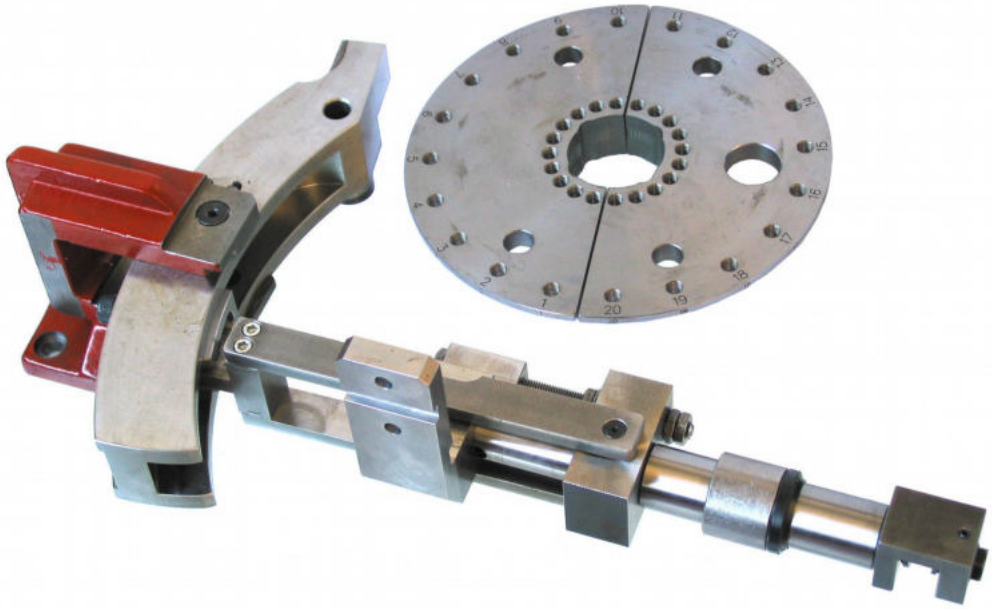
37.36.007
TAP-HOLDER WITH EXTRACTION

05.74.93

ER32 COLLET HOLDER

OPTIONAL ITEM:

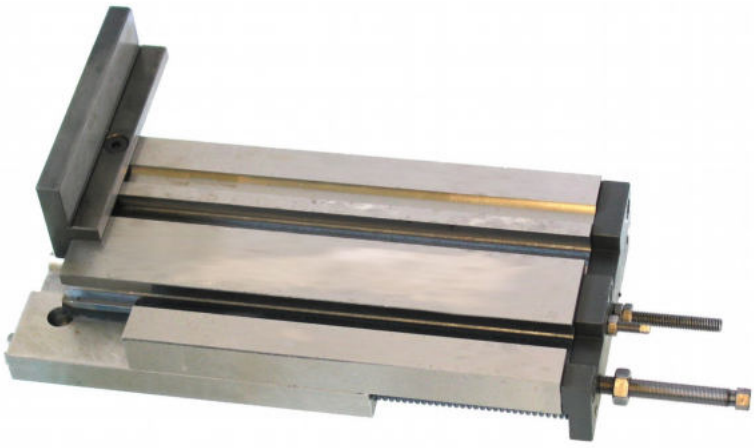
CONTROL AXIAL SLIDE



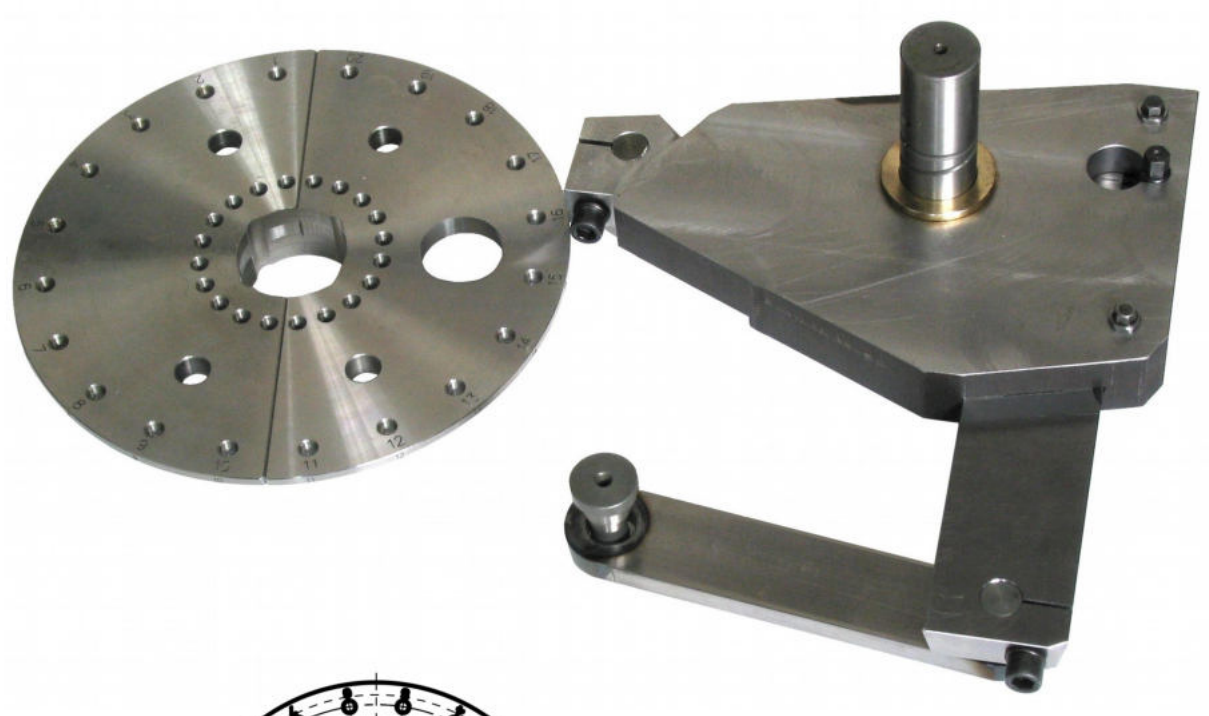
OPTIONAL ITEM:

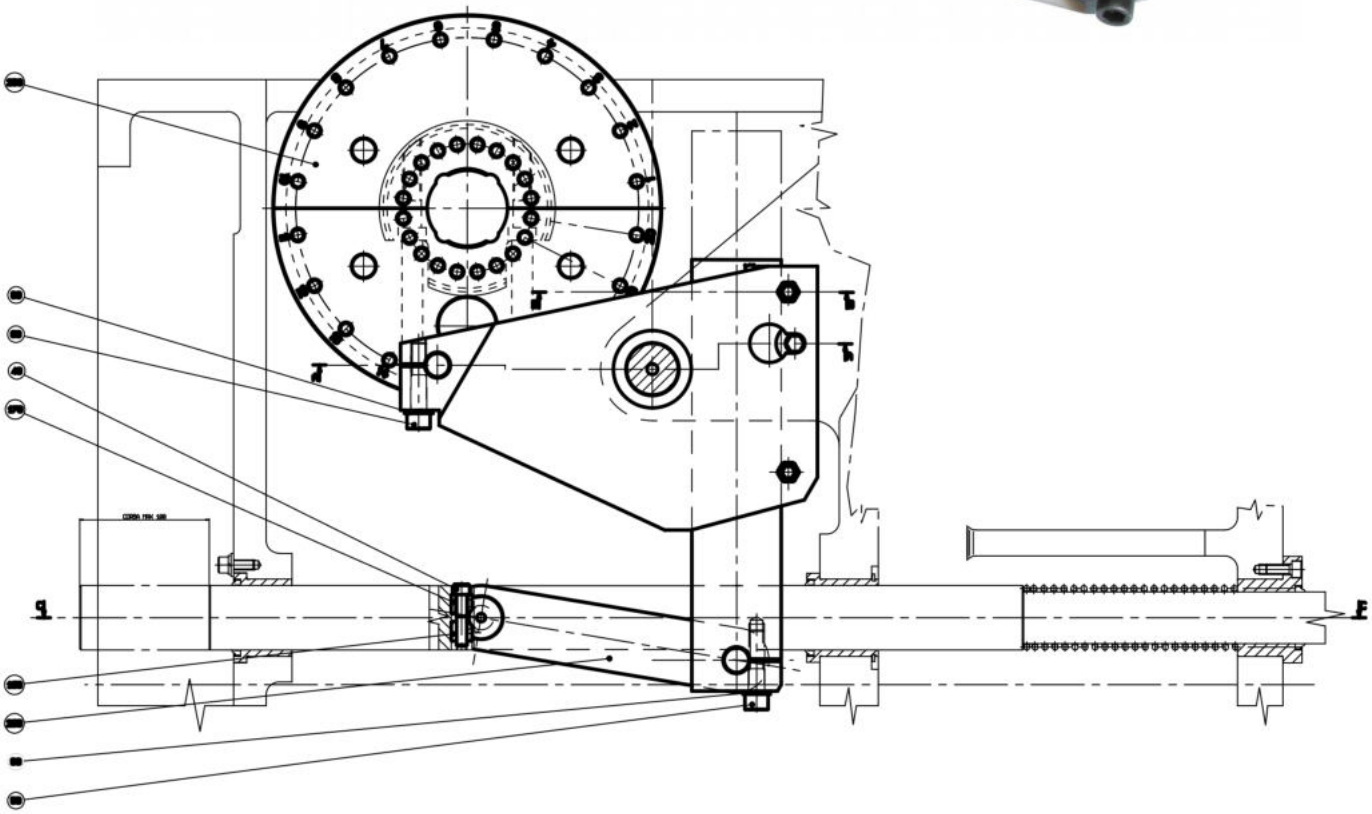
AXIAL SLIDE WITH TEE SLOTS

49.25.019 Pos.1
49.25.020 Pos.2
49.25.017 Pos.4
49.25.018 Pos.5



49.11.002
CENTRAL BLOCK INDIPENDENT MOVEMENT (by cam)





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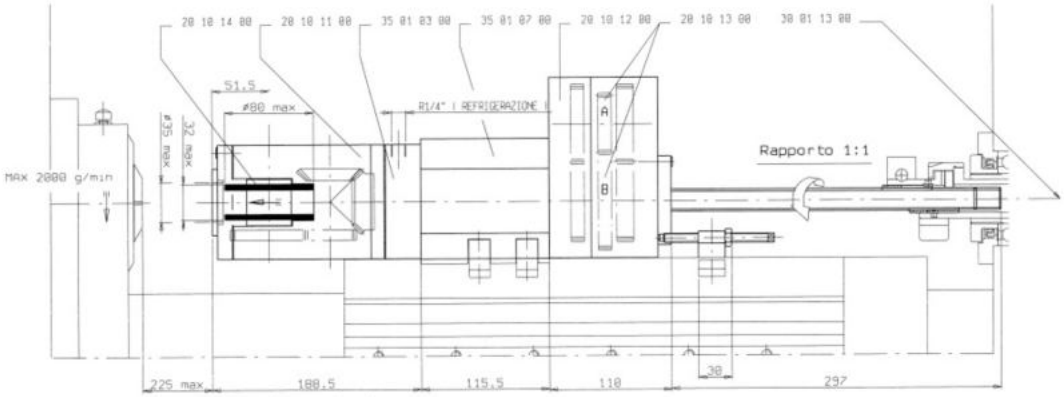
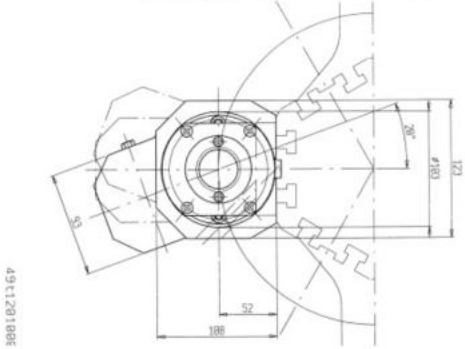
37.55.001 FRONTAL MILLING ATTACHMENT

Max machine speed = 2000rpm
Max dia. For the milling disk = 80mm
Max distance between 2 milling disks (ext side to ext side) = 33,5mm
Tool rotation speed can be changed by replacing ratio gears in the back box
Please note: this kind of attachment must be fixed to the centre block,
therefore the machine must be equipped with the cam to move the centre block





RUOTE INTERCAMBIABILI 20 10 13 00				
N° DISEGNO RUOTA "A"	Z A	N° DISEGNO RUOTA "B"	Z B	RAPPORTO MANDRINO/FRESA
20 10 13 01	25	20 10 13 18	44	1 : 3.74
20 10 13 02	26	20 10 13 17	43	1 : 4.11
20 10 13 03	27	20 10 13 16	42	1 : 4.60
20 10 13 04	28	20 10 13 15	41	1 : 5.23
20 10 13 05	29	20 10 13 14	40	1 : 6.13
20 10 13 06	30	20 10 13 13	39	1 : 7.46
20 10 13 07	31	20 10 13 12	38	1 : 9.70
20 10 13 00	32	20 10 13 11	37	1 : 14.00

We can supply the complete new attachment, based on GR3 Saco model.
Every single part is intercheangeble with original ones,
and that allows us to repair old original units with our spare parts.

G7S-G1 FRONTAL MILLING ATTACHMENT

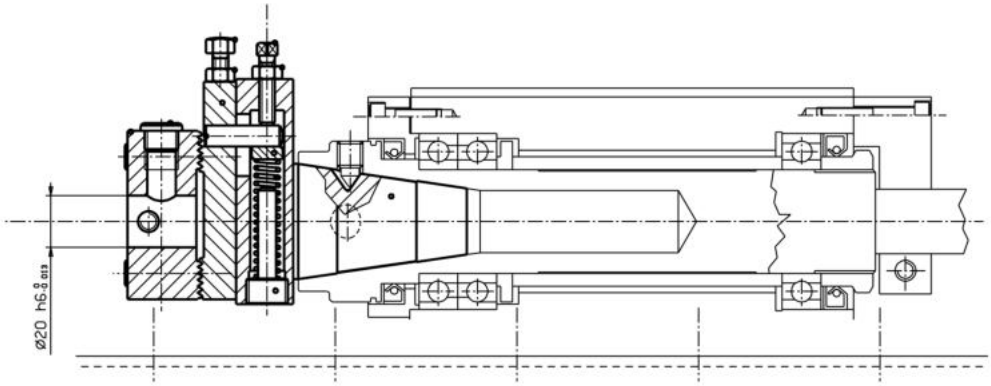
Max machine speed = 3000rpm

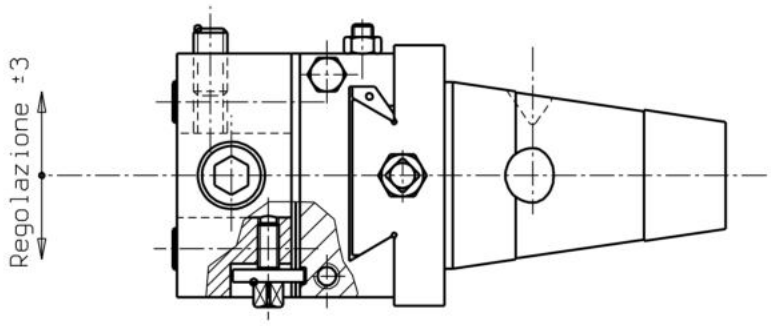
Max dia. for the milling disk = 70mm

Max distance between 2 milling disks (ext side to ext side) = 23,5mm

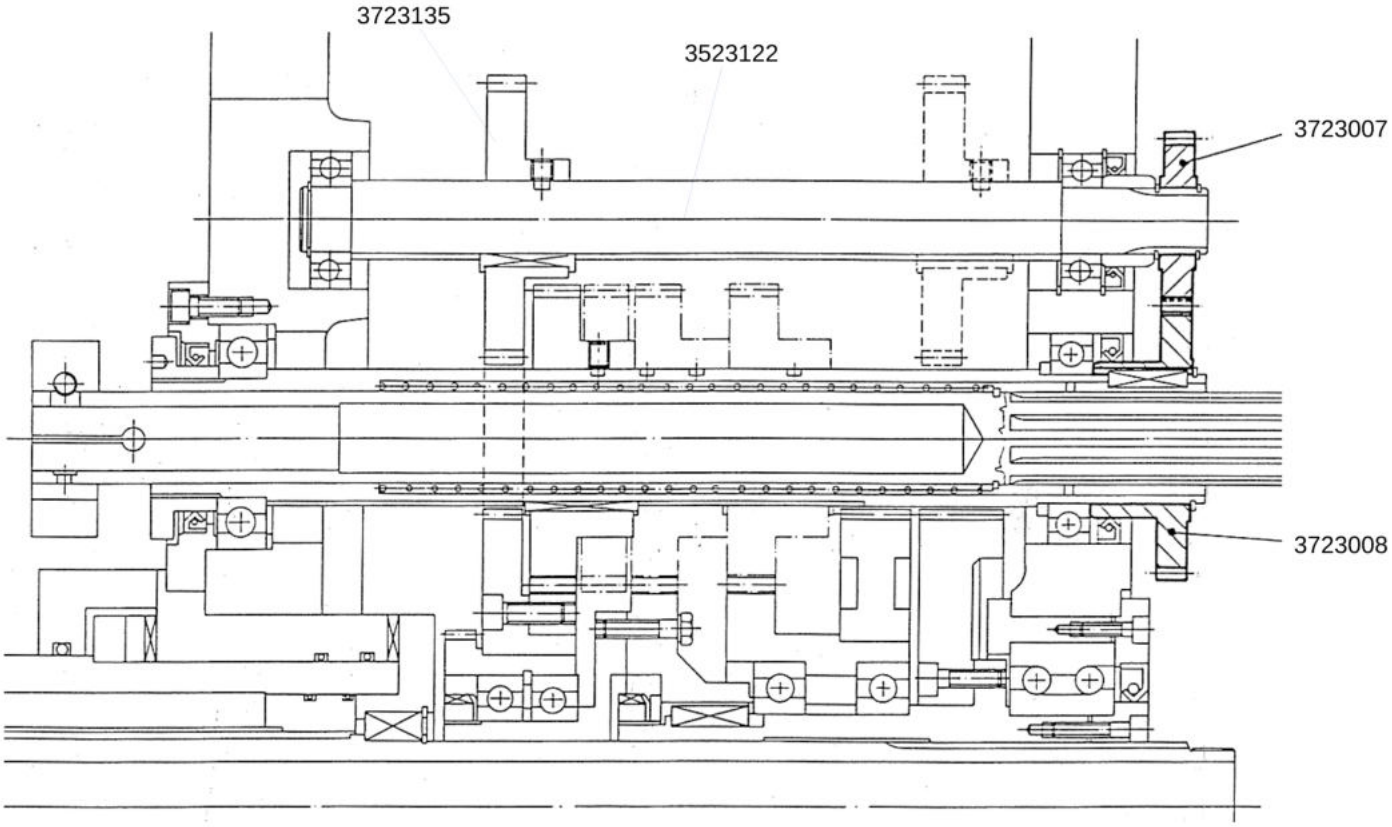
Remark: this kind of attachment can slide on a base fixed to the centre block,
therefore you don't need the machine to be equipped with the cam to move the centre block

RECESSING HEAD





OPTIONAL ITEM:
RATIO GEARS FOR HIGH SPEED DRILLING AND BORING



3723007	Z1	Z2	3723008
3723118	17	49	3723133
3723119	20	46	3723132
3723120	22	44	3723131
3723121	24	42	3723130
3723122	25	41	3723129
3723123	35	31	3723128
3723124	37	29	3723127
3723125	39	27	3723126

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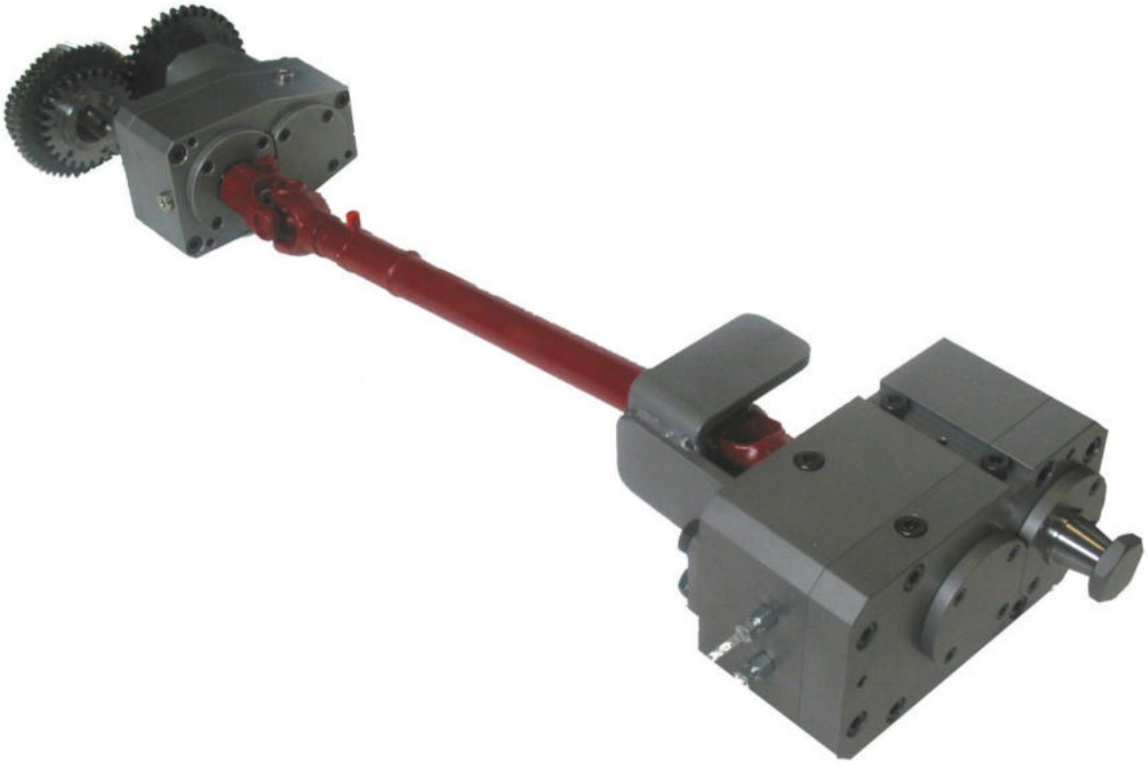
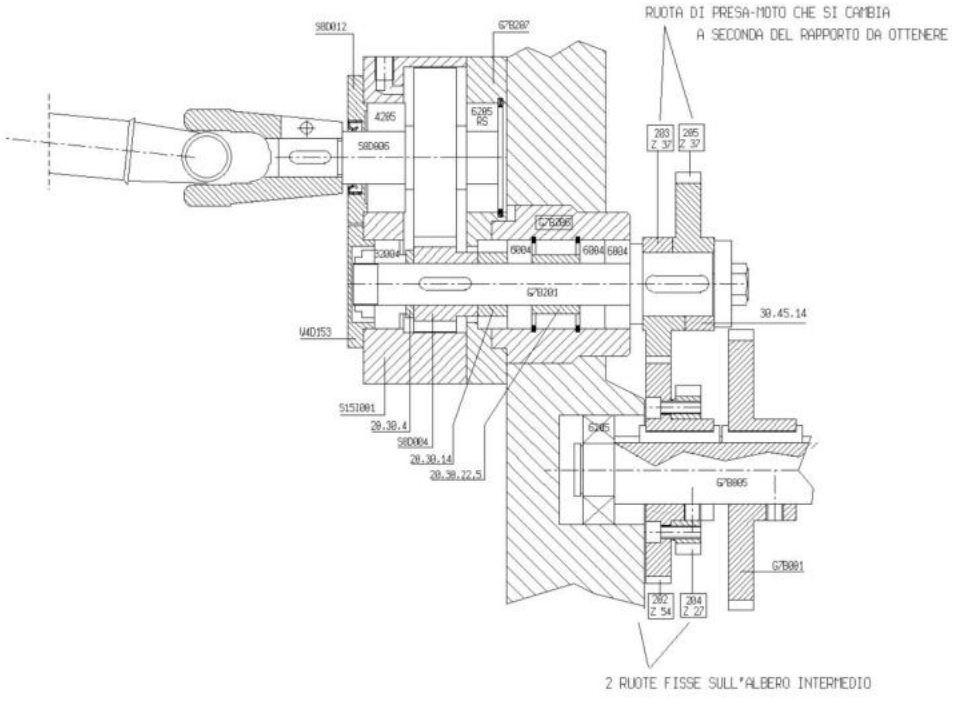
POLYGON-GENERATING AND THREAD-MILLING ATTACHMENT



The distinctive feature of our attachment is that you can change the ratio from polygon-generating to thread-milling very easily. The 202 and 204 gears stay togeteher on the intermediate shaft all the time. You can polygon by placing the 203 gear on the back of the attachment or you can do thread-milling using the 205 instead.
That means you do not have to open any gear-box and change the two gears inside, therefore we can use conical bearings in the gear-box, that make it stronger and more precise.



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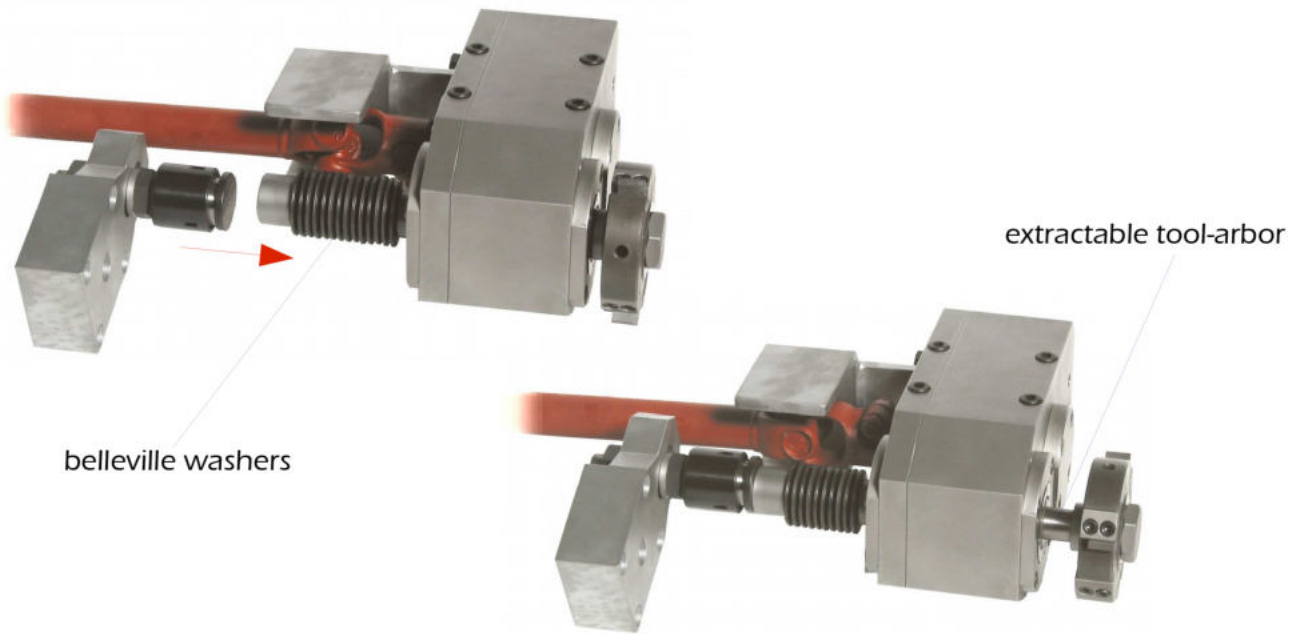
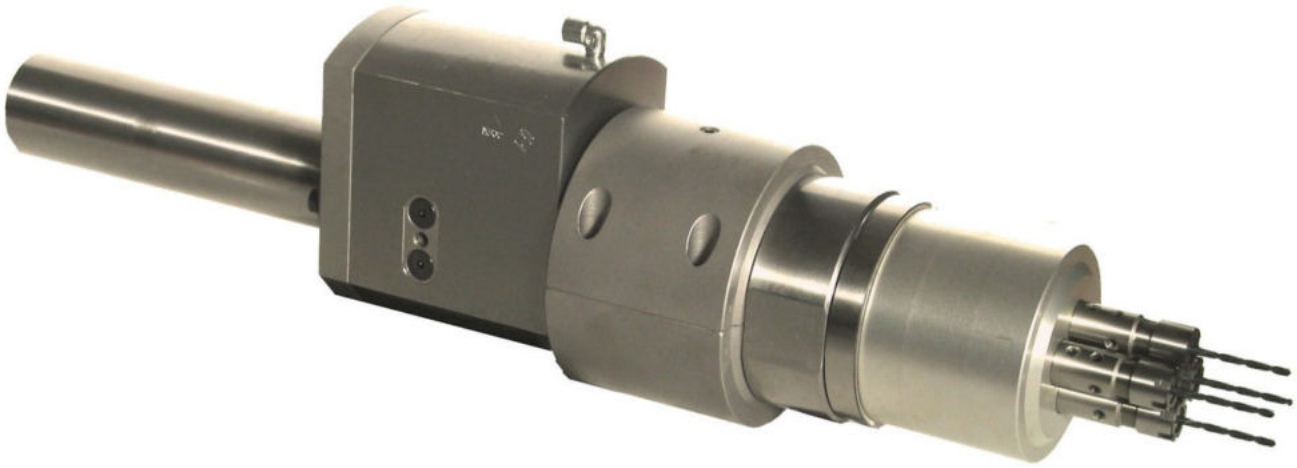
POLYGON HEAD WITH AXIAL MOVEMENT OF THE TOOL FOR STEEL

This polygon head has got an extractable tool-arbor.
The tool-arbor back end is outside the head,
so it can be pushed forward by a bracket fixed on the centre block in the same station.
A set of belleville washers will pull the arbor into start position at the end of the cycle.
This kind of attachment is very good for wide polygon jobs and even better for hard jobs on steel.
In this cases we suggest to use special tools with standard inserts.
Also this special polygon head is good to make frontal milled slot in the part without the radius of a milling disk
Please note that using this attachment can avoid to buy very expensive compound slides.



SYNCHRO FRONTAL MULTI-DRILLING ATTACHMENT

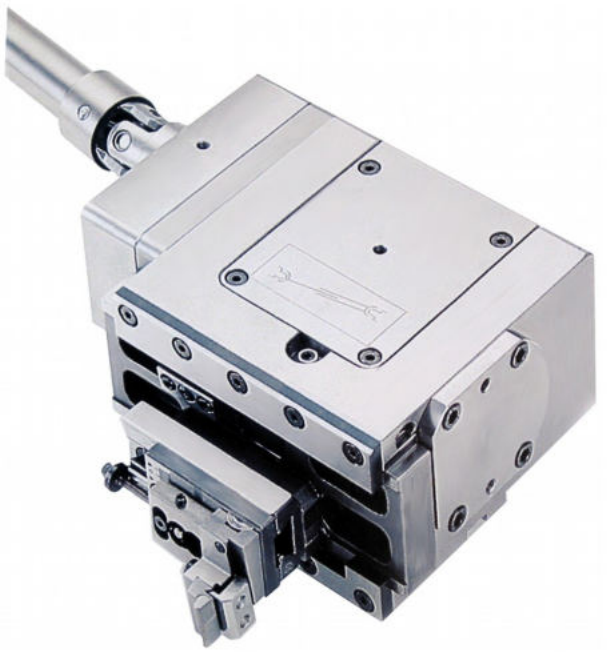


This multi-driller in particular is designed to make 4 drilled holes on a specific interaxis, we can supply it for a special spindle-stopping machine, but also for standard machines.

For standard machines the multi-driller head rotates at the same speed than the bar.

The multi-driller heads are customized for the kind of component you are going to produce.

THREAD CHASING ATTACHMENT



THREAD CHASING ATTACHMENT

Attachment for multispindle automatics with mechanic motion used for threading pieces on diameters which usually can't be reached by a normal die. This attachment is a valid alternative to thread rolling and to milling devices. With suitable variants, internal threads can be obtained in addition to external

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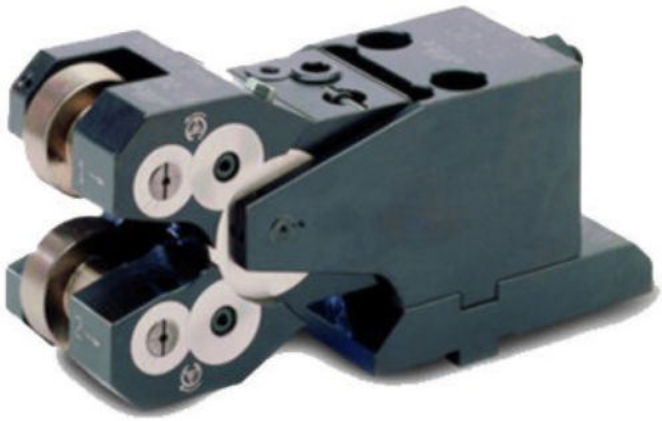
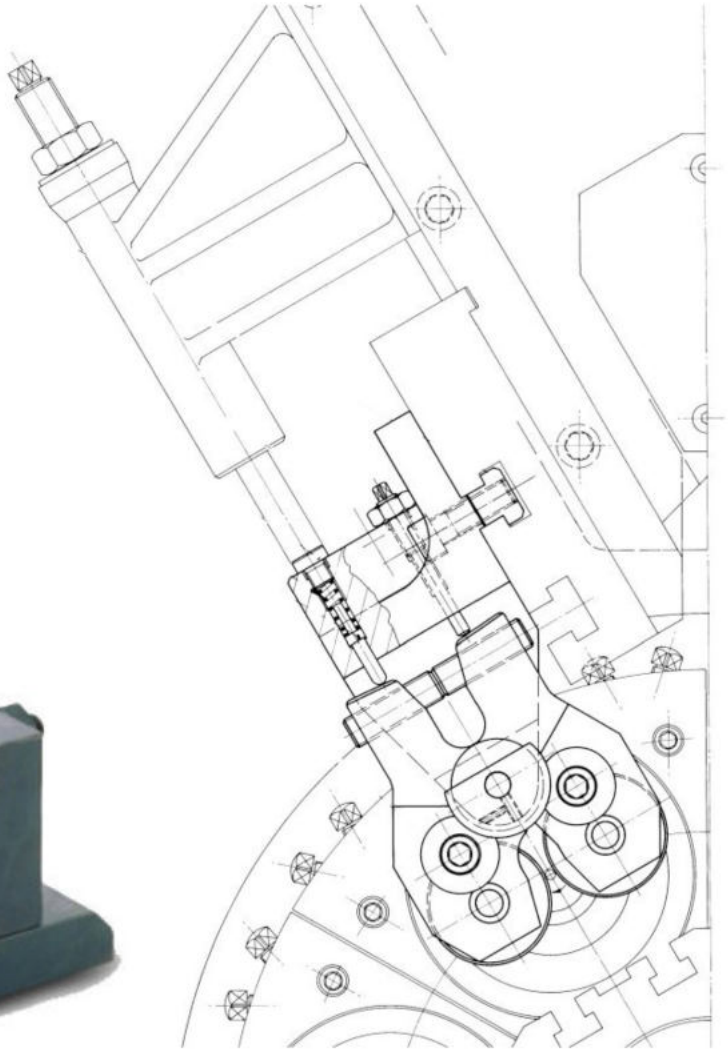
THREAD ROLLING ATTACHMENT

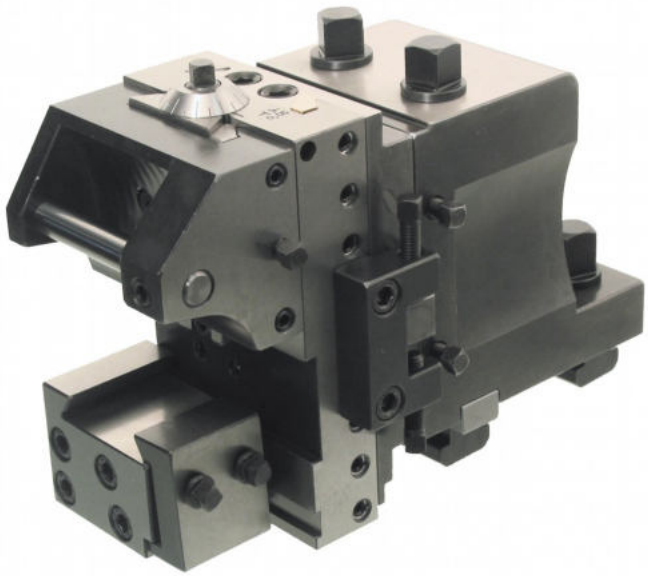




We can supply new or good used cross thread-rolling Fette heads,

Good models for GM35/GM42 machines are the T18 and T27

75.11.003 SHAVING TOOL-HOLDER



The shaving tool-holder is used to have very precise diameter.

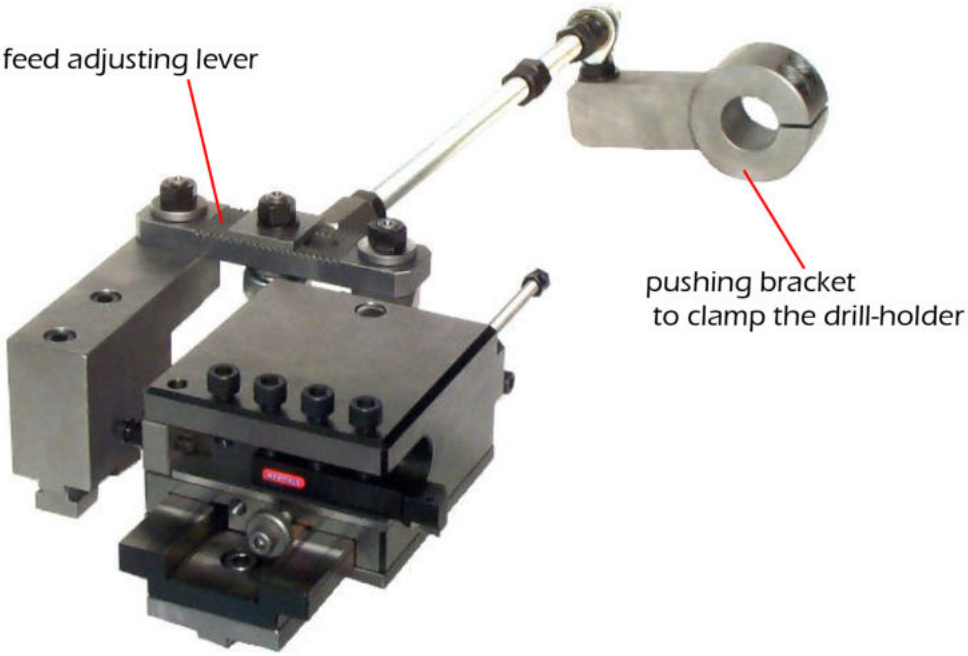
It can be used on any cross-slides. It must be completed by the customer by a roller on

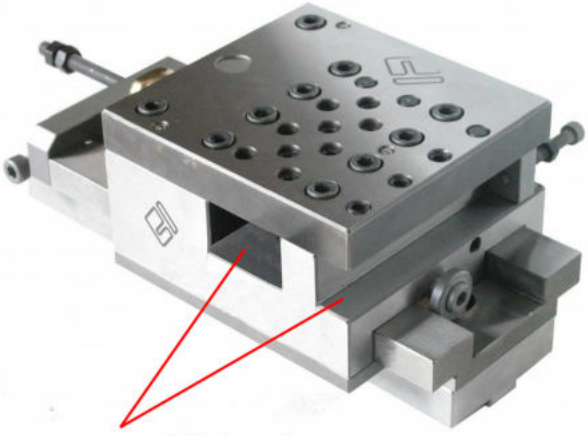
The top carbide pin and a cutting insert clamped at the bottom.

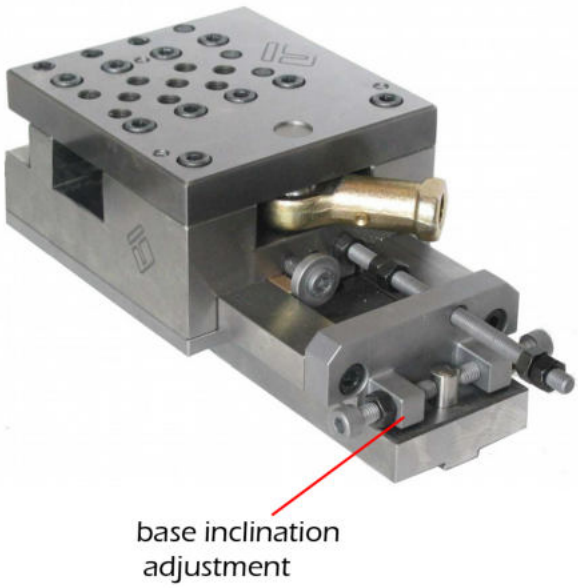
Remark:
the spares of our GR.3 shave tool-holder are interchangeable
with the ones of the SACO GR.3 original one

LONGITUDINAL TURNING CHARIOT

The axial chariot can be used on machine cross slides to make long turning operations.
The feed is taken by fitting a pushing bracket on the centre block (same station).
The bracket can be fixed directly on the centre block or it can clamp the drill holder back end.
The inclination of the bottom base is adjustable.
The chariot has the same feed than the centre block
unless you prefer the version with adjustable feed lever.







CROSS MARKING ATTACHMENT

This attachment is used to mark the components in a very simple and quick way,
it is based on a completely mechanical logic.
With our attachment on, the cross slide moves forward till the engraved disk hits the component.
Because of the friction between them, the disk starts to turn and mark the component.
After one rotation engraving is over and a locking pin stops the disk in a special
position, where it cannot touch the component again.
When cross slide returns back, a proper pin, fixed on the wall of the machine,
unlocks the disk, and the spring takes it to its start position.
We can supply blank disks or engraved disk, following customer's requirements.
The same attachment can be taken apart and re-assembled the other way round in order
to fit all station of the machine.
Now it is also possible to fit a disk with interchangeable letters.

The new roller with interchangeable characters

FEED, SPEED AND THREAD RATIO GEARS

	Z1	Z2	
3510200	23	68	3510227
3510201	24	67	3510226
3510202	25	66	3510225
3510203	26	65	3510224
3510204	29	62	3510223
3510205	30	61	3510222
3510206	31	60	3510221
3510207	32	59	3510220
3510208	33	58	3510219
3510209	35	56	3510218
3510210	37	54	3510217
3510211	39	52	3510216
3510212	41	50	3610215
3510213	43	48	3510214

3706120

STANDARD CAMS FOR TOOL-SPINDLES

STANDARD CAMS FOR CROSS SLIDES

37.29.109
37.29.108
37.29.107
37.29.106
37.29.105
37.29.104
37.29.103
37.29.102

STANDARD CAMS FOR AXIAL SLIDES POS. 1-2-4-5

37.32.102

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3701233


3701127

3701231


3501145

48.01.142-1
collet


3501109


3501108


3501110

37.01.148
chuck finger
GM35 M39x1

4001113

4001109

4001111

4001159

4001129

4001162

4001120

4001125

4901110

40.01.143
collet

40.01.136
chuck finger

4901101

GILDEMEISTER
GM32 GM35 GM42

CROSS SLIDES

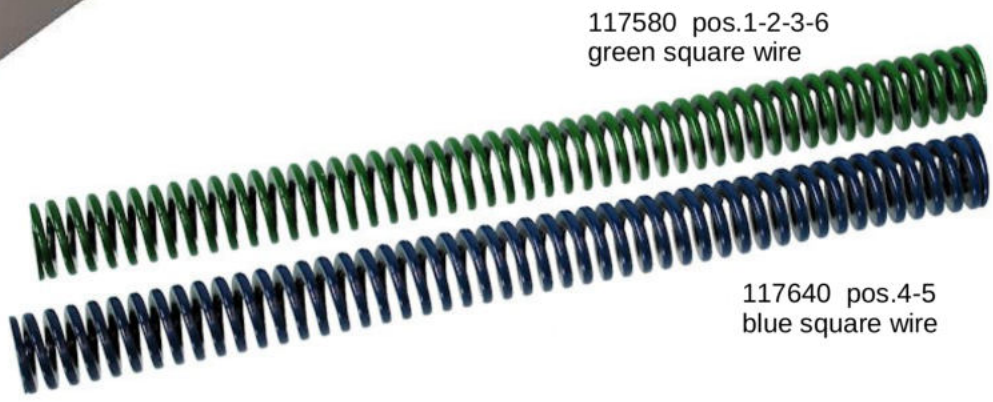
older type

newer type

AXIAL SLIDES

older type

newer type



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POS.1 CROSS SLIDE


SFG14


3707104


3707107


3507128


3707105


3507121


3707144


3507122


3507156


3707110


SFG14


3707144


3507128


3707104


3707116


3707105


3507122


3507121

POS.2 CROSS SLIDE


3507156

POS.3 CROSS SLIDE

4907146

3507143

3507125

3507147

3507155

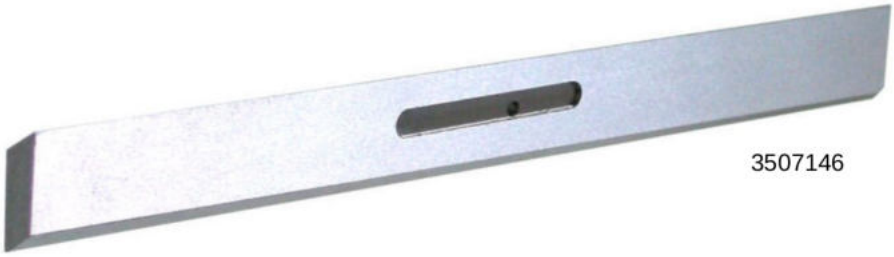
3507154

3507153

3507157

3507156

3507128



3507146

3707144

3717116

3717117

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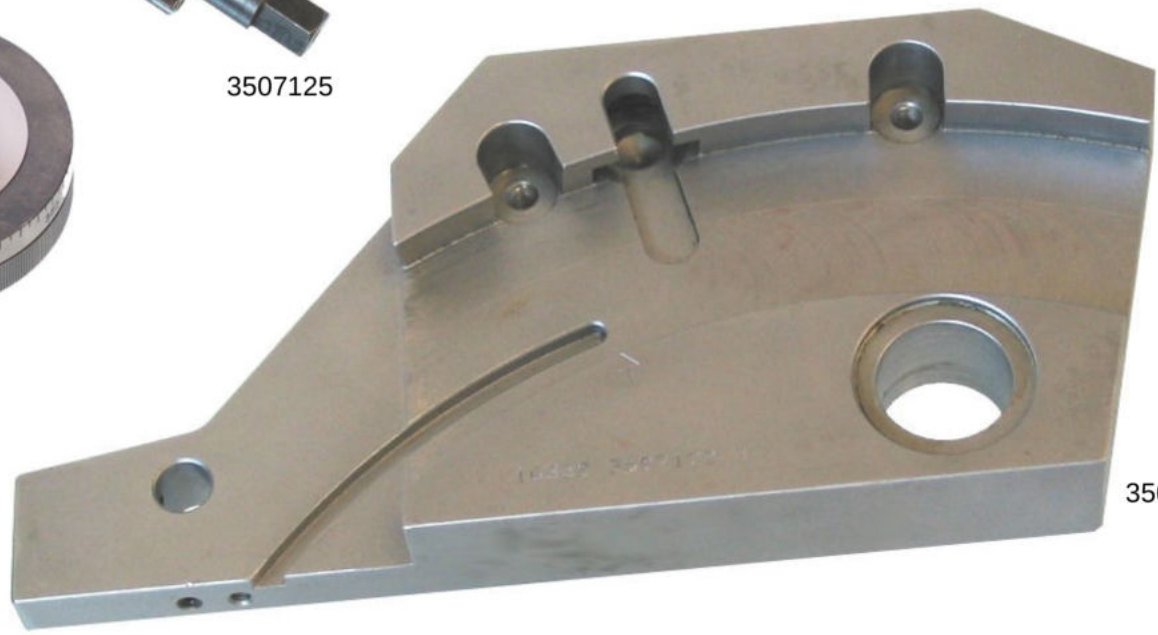
POS.4 CROSS SLIDE

3507173

3507125

3707143



3507172

3507178

3507177

3507176

3507157

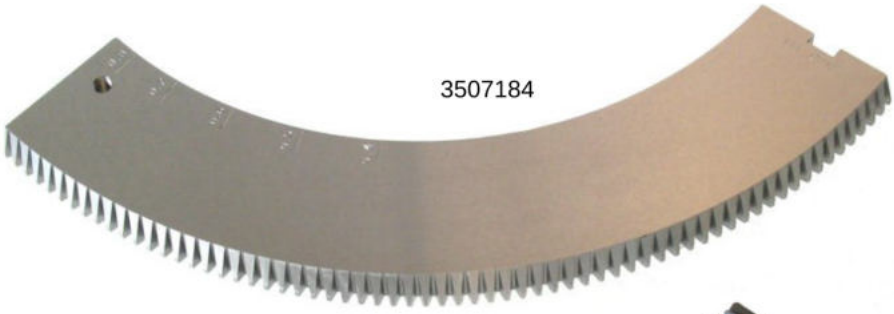
3707123

3507156

3507180

3507179

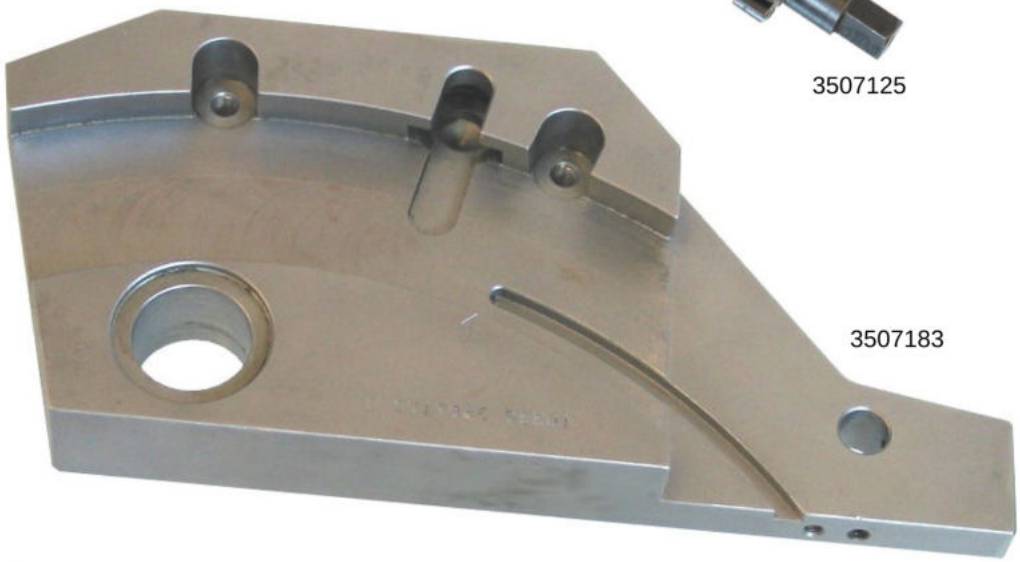
POS.5 CROSS SLIDE



3507184

3707143

3507125



3507183

3507185

3507177

3507176

3507157

3707123

3507179

3507156

3507180

POS.6 CROSS SLIDE

4907150

3507161

3507125

3507147

3507164

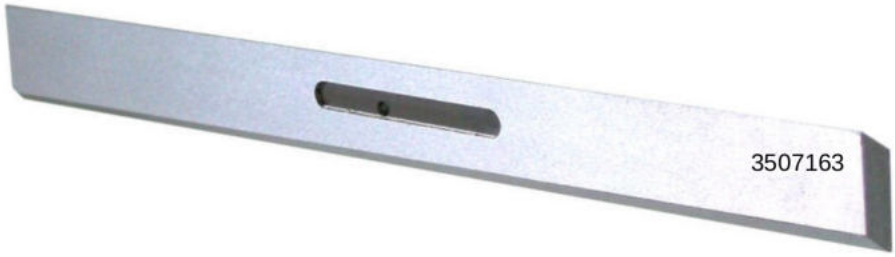
3507154

3507153

3507157

3507156

3507128



3507163

3707144

3717116

3717117

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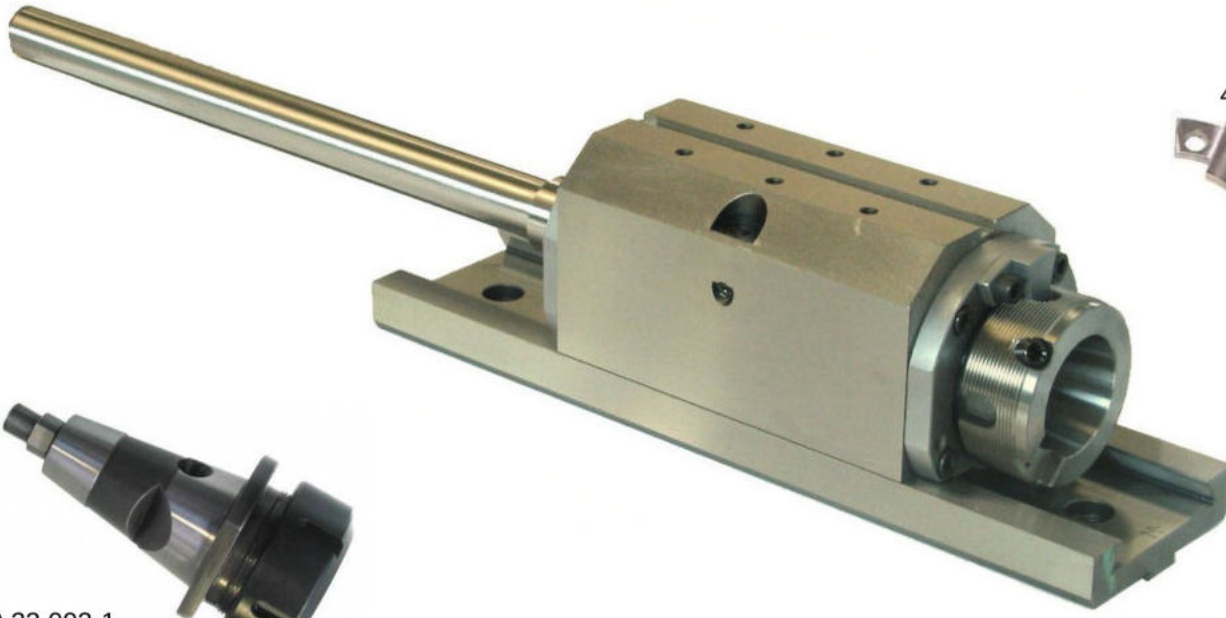
FRONTAL SPINDLE DRIVING

GILDEMEISTER
GM32 GM35 GM42

ROTATING DRILLING SPINDLES with or without inside coolant

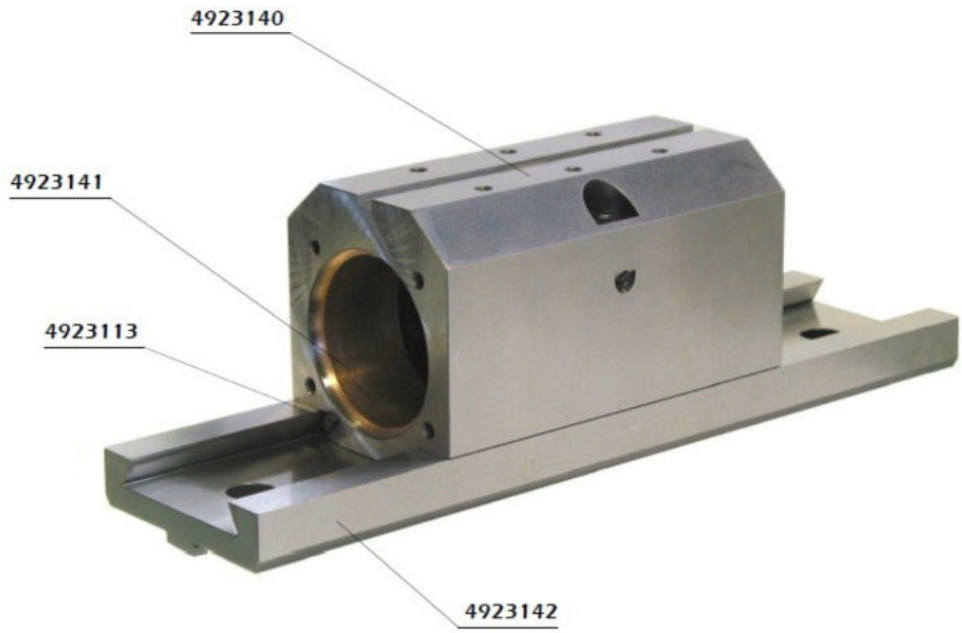
3723044



4923144

49.23.002-1

3723158



3503111

3703128

3510186

3503103

3712107
4912103

3712111

3712110

3512116
4912101

3504113

3504118

3504115

3504116

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PARTS FOR SPINDLE STOPPING MACHINE

0-300-609-31-156-000
double mechanical clutch

4960176

3760241

3701135

3503107

1551301

1551303

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3506113
4906104

3506112
4906103

3706120

3706116+ 3706117

4909103

3504105

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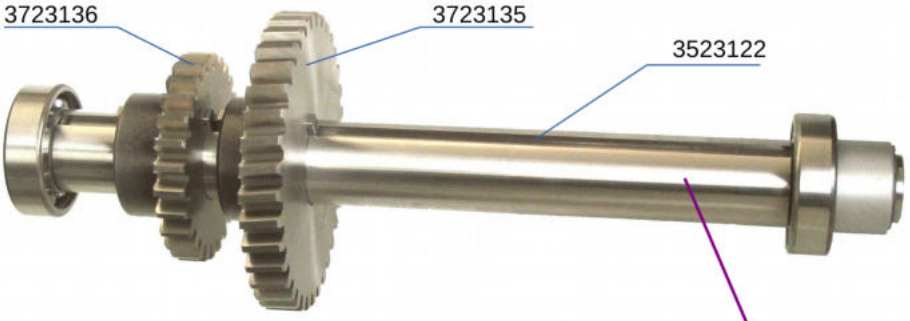

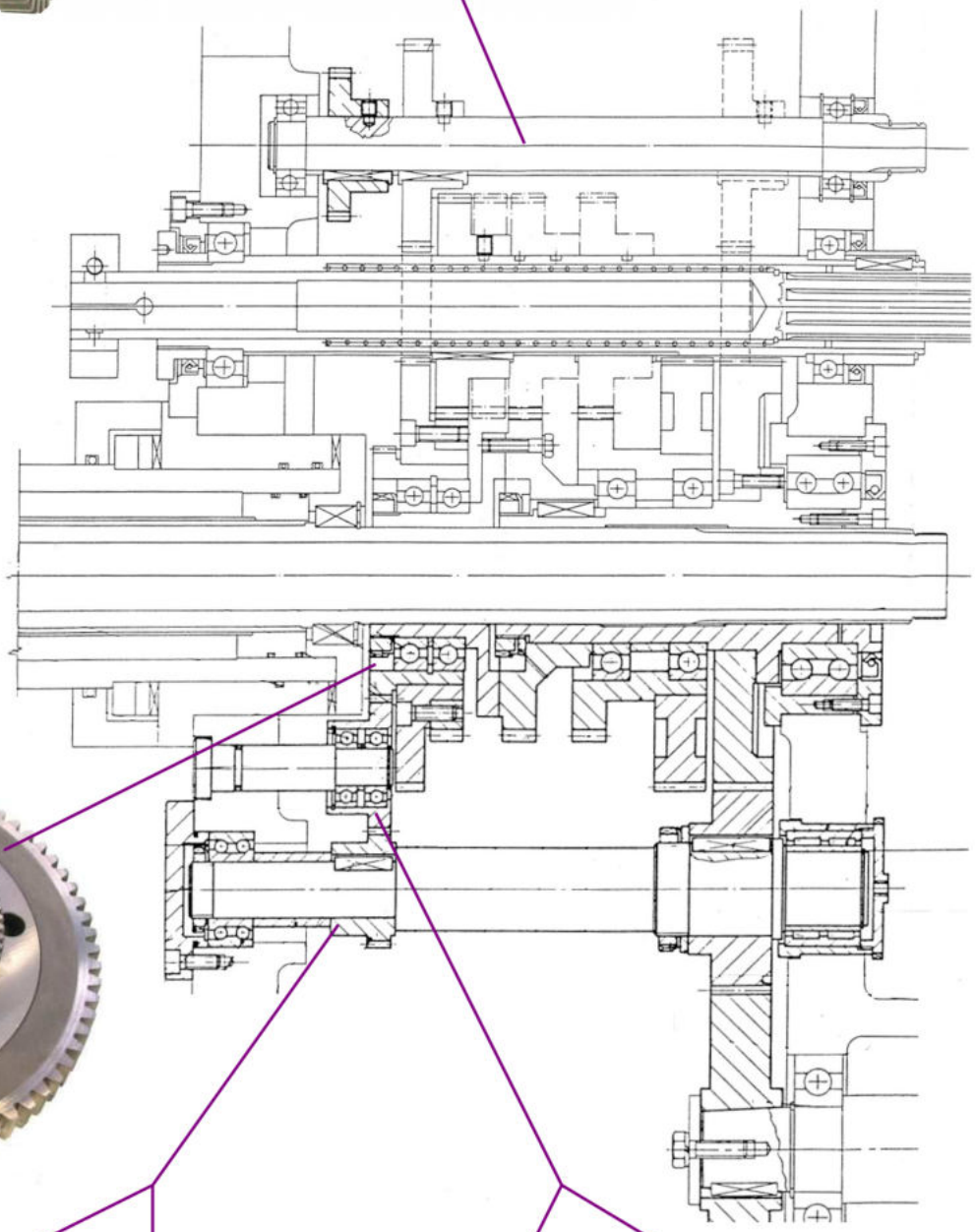

3510180
old model

4910158
new model

3510182
old model

4910159
new model

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3501120


3702101


3502103

3502104


3730102


3730105


3712111

3712110

3722101

3511119

3711115


3711113

3711112

3722119


3714128

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CLUTCH DISKS