

# SAMO



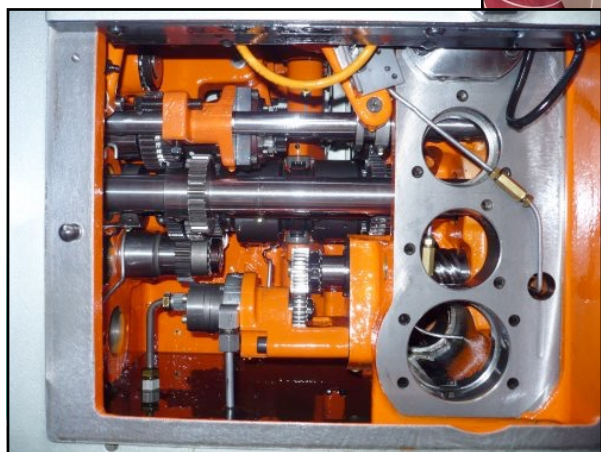
# SAMO

SAVOIE ALPES MACHINES OUTILS

**SELL & BUY  
NEW & USED MACHINE TOOLS  
REBUILDING OF MACHINE TOOLS**

400 rue de l'Industrie  
PAE du Pays Rochois  
74800 La Roche sur Foron  
France  
Tel: 00 33 (0) 4 50 03 17 52  
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## New and Used Spare Parts and Attachements



# SAMO

SAVOIE ALPES MACHINES OUTILS

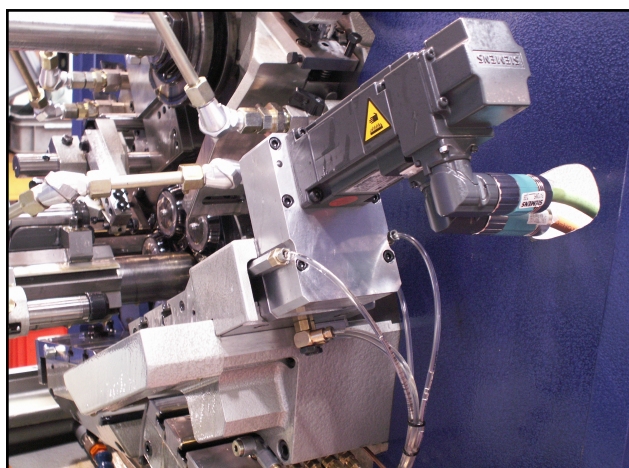
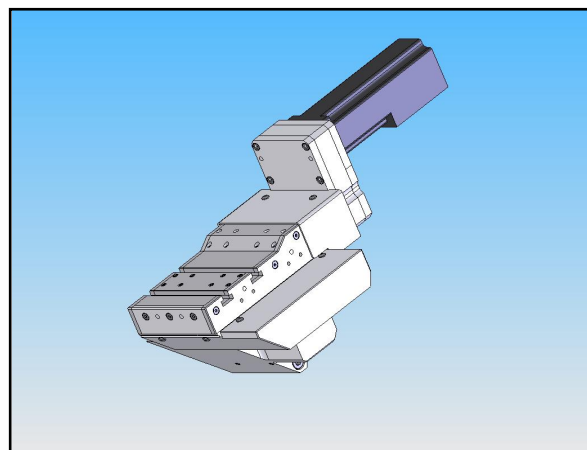


## REBUILDING TORNOS AS14 - SAS16 - SAS16 DC BS14 - BS20

Variation Cam Spindle  
Thread milling CNC  
Slide CNC  
Pick Up CNC

*Control Cabinet*

**SIEMENS - FANUC**



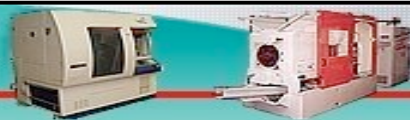
### TECHNICAL CHARACTERISTICS POS 4:

|                                  |         |
|----------------------------------|---------|
| Standard stroke axis X           | 25 mm   |
| Max linear speed axis X          | 10 m/mm |
| Standard stroke axis Z           | 50 mm   |
| Max linear speed axis Z          | 15 m/mm |
| Pushing force on the axis        | 2000 N  |
| Resolution                       | 1 $\mu$ |
| Ball screw with preferred nut    |         |
| Guiding on ball rails            |         |
| Complete centralized lubricating |         |

Using standards tool holders - Minimum dimensions - Visual access operator

SAMO SAS  
ZAC des Bordets 2  
792 Rue des Sarcelles  
74130 BONNEVILLE  
Tél 04 50 03 17 52  
Web : [www.samo.fr](http://www.samo.fr) – E-Mail : [samo@samo.fr](mailto:samo@samo.fr)

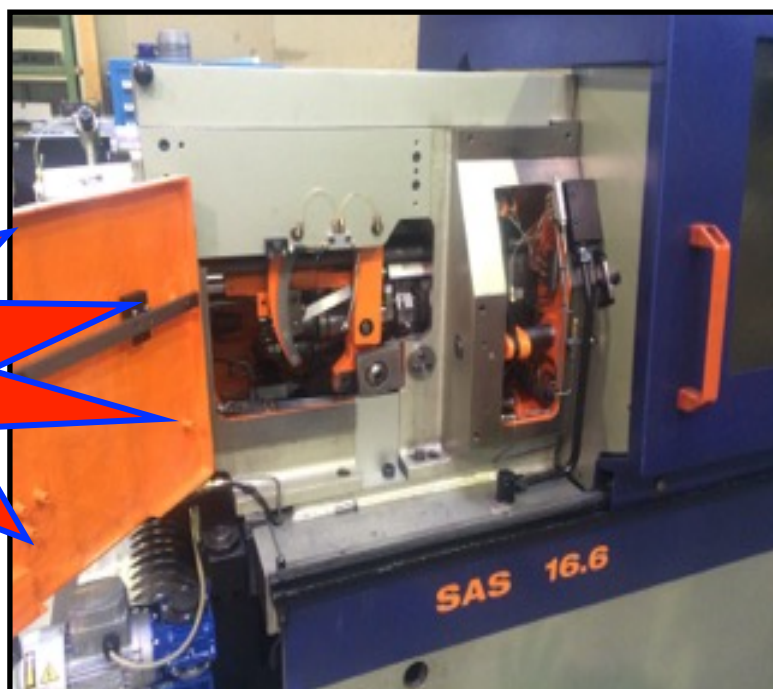




**KIT STOPPING**

**TORNOS AS 14 - SAS16 - SAS16 DC - SAS16.6**

**NEW  
KIT STOPPING SPINDLE  
TORNOS  
AS14-SAS16-SAS16 DC-SAS16.6**



***We can retrofit your Machine in Stopping Spindle or you sell one equipped***



# **SPARE PARTS TORNOS AS14/SAS16/SAS16 DC/SAS16.6/BS14/BS20**

Pages

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## Main Spindle Group

## TORNOS AS14 - SAS16 - SAS16 DC - SAS16.6

### Main Spindle Group

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |
| <p>Used Spindle rectified<br/>Ref: 30957<br/><b>AS14</b></p>                        | <p>Spindle<br/>Ref: 99860<br/><b>SAS16 - SAS16.6</b></p>                            | <p>Gear spindle Z=30<br/>Ref: 10558<br/><b>AS14</b></p>                              | <p>Gear spindle<br/>Ref: 382<br/><b>SAS16 - SAS16.6</b></p>                           |
|    |   |    |   |
| <p>Feed tube<br/>Complete Ref: 104508<br/><b>AS14</b></p>                           | <p>Feed tube<br/>Complete Ref: 107714<br/><b>SAS16 - SAS16DC</b></p>                | <p>Clamping tube<br/>Complete Ref: 20503<br/><b>AS14</b></p>                         | <p>Clamping tube<br/>Complete Ref: 104857<br/><b>SAS16 - SAS16 DC</b></p>             |
|  |  |  |  |
| <p>Clamping tube<br/>Complete Ref: 108628<br/><b>SAS16.6</b></p>                    | <p>Toggles ring<br/>Ref: 10561<br/><b>AS 14</b></p>                                 | <p>Notched bushing clamping tube<br/>Ref: 99158<br/><b>SAS16.6</b></p>               | <p>Toggle holder<br/>Ref: 20501<br/><b>AS14</b></p>                                   |
|  |  |  |  |
| <p>Toggle holder<br/>Ref: 99877<br/><b>SAS16 - SAS16.6</b></p>                      | <p>Clamping toggle<br/>Ref: 94996 or AS12149<br/><b>AS14 - SAS16 - SAS16.6</b></p>  | <p>Clamping sleeve<br/>Ref: 10556 or AS12185-1<br/><b>AS14</b></p>                   | <p>Clamping sleeve<br/>Ref: 381<br/><b>SAS16 - SAS16.6</b></p>                        |

## Main Spindle Group

## TORNOS AS14 - SAS16 - SAS16 DC - SAS16.6

### Main Spindle

|                                                                                                                                                                             |                                                                                                                                                                            |                                                                                                                                                                  |                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Stop ring toggle holder</b><br/>Ref : 10551 or AS12153<br/><b>AS14</b></p>           |  <p><b>Stop ring toggle holder</b><br/>Ref : 48377<br/><b>SAS16 - SAS16.6</b></p>         |  <p><b>Nut feed tube</b><br/>Ref : 365913<br/><b>AS14</b></p>                  |  <p><b>Nut feed tube</b><br/>Ref : 365917<br/><b>SAS16</b></p>                          |
|  <p><b>Nut feed tube</b><br/>Ref : 365765<br/><b>SAS16.6</b></p>                           |  <p><b>Spacer bearing</b><br/>Ref : 28806 or AS12479<br/><b>AS14</b></p>                 |  <p><b>Spindle spacer</b><br/>204,5x40mm<br/>Ref : 93832<br/><b>SAS16</b></p> |  <p><b>Spindle spacer</b><br/>184x48mm<br/>Ref : 96906<br/><b>SAS16.6</b></p>          |
|  <p><b>Spindle nose</b><br/>Ref : 30883 or AS12515<br/><b>AS14</b></p>                    |  <p><b>Spindle nose</b><br/>Ref : 385<br/><b>SAS16</b></p>                              |  <p><b>Spindle nose</b><br/>Ref : 365347<br/><b>SAS16.6</b></p>              |  <p><b>Central gear Z=45</b><br/>Ref : 10557<br/><b>AS14 - SAS16 - SAS16.6</b></p>    |
|  <p><b>Solid carbide axis toggle</b><br/>Ref : 4770<br/><b>AS14 - SAS16 - SAS16.6</b></p> |  <p><b>Captive key</b><br/>Ref : 48550 or AS12881<br/><b>AS14 - SAS16 - SAS16.6</b></p> |  <p><b>Phasing ring</b><br/>Ref : 84696<br/><b>SAS16 - SAS16.6</b></p>       |  <p><b>Pawn of phasing ring</b><br/>Ref : 84697<br/><b>AS14 - SAS16 - SAS16.6</b></p> |



## Main Spindle Group

## TORNOS AS14 - SAS16 - SAS16 DC - SAS16.6

### Main Spindle



**Ring spindle nose**  
Ref : 30956 or AS12517  
**AS14**



**Ring spindle nose**  
Ref : 46737  
**SAS16**



**Back ring feed tube**  
Ref : 10574  
**AS14**



**Distance ring**  
Ref : 91032  
**SAS16 - SAS16.6**



**Fixation nut bearing**  
Ref : 3891 or AS1287  
**AS 14**



**Fixation nut bearing**  
Ref : 383  
**SAS16**



**Lock nut bar guide**  
Ref : 91415  
**SAS16 - SAS16.6**



**Blocking nut bar guide**  
Ref : 10294 or AS1297  
**AS 14**

## Pulley Shaft Spindles rotation Group

AS14- SAS16 - SAS16 DC - SAS16.6

### Pulley shaft spindles rotation group



**Pulley shaft**  
Ref : 10730  
**AS14**



**Pulley shaft**  
Ref : 86064  
**SAS16 - SAS16.6**



**Shaft lubricating pump**  
Ref : 10728  
**AS14**



**Shaft lubricating pump**  
Ref : 95011  
**SAS16 - SAS16.6**



**Disc key pulley shaft**  
Ref : 11352  
**SAS16 - SAS16.6**



**Nut pulley shaft M30x1,25**  
Ref : 10707  
**AS14**



**Nut pulley shaft M25x1,25**  
Ref : 10708  
**AS14**



**Nut pulley shaft M30x1,50**  
Ref : 210378  
**SAS16 - SAS16.6**



**Safety nut M25x1,50**  
Ref : 211519  
**SAS16 - SAS16.6**



**Pulley hub**  
Ref : 40442  
**AS14**



**Gear**  
Ref : 10692  
**SAS16 - SAS16.6**



**Pulley**  
Ref : AS20198  
**AS14 - SAS16**



**Helical gear z=23**  
Ref : 10361  
**AS14 - SAS16 - SAS16.6**



**Helical gear z=45**  
Ref : 10686  
**AS14 - SAS16 - SAS16.6**



**Helical gear left z=34**  
Ref : 94799  
**AS14 - SAS16 - SAS16.6**



**Helical gear right z=34**  
Ref : 95006  
**AS14 - SAS16 - SAS16.6**



## Central Block Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Central block group



**Central block feed axis 150x30**  
Ref : 10258 or AS135  
**AS14 - SAS16 - SAS16.6**



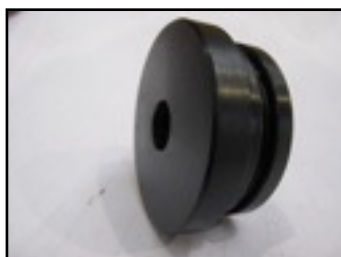
**Axis 53x12x22**  
Ref : 10295 or AS1311  
**AS14 - SAS16 - SAS16.6**



**Axis 72x14**  
Ref : 10296  
**AS14 - SAS16 - SAS16.6**



**Centering axis**  
Ref : 10298  
**AS14 - SAS16 - SAS16.6**



**Plug**  
Ref : 20573  
**AS14 - SAS16 - SAS16.6**



**Nut 6P 17M 12x1,00x9**  
Ref : 10302  
**AS14 - SAS16 - SAS16.6**



**Roller**  
Ref : 20401  
**AS14 - SAS16 - SAS16.6**



**Roller 24x12x12**  
Ref : 20404  
**AS14 - SAS16 - SAS16.6**



**Central slide**  
Ref : 99129  
**AS14 - SAS16 - SAS16.6**



**Pads 2 flats 35x20x14**  
Ref : 10297  
**AS14 - SAS16 - SAS16.6**



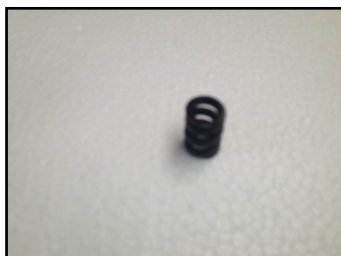
**Feed pad**  
Ref : 20382  
**AS14 - SAS16 - SAS16.6**



**Guide perch**  
Ref : 96485 or AS1349  
**AS14 - SAS16 - SAS16.6**



**Piston**  
Ref : 94519  
**SAS16 - SAS16.6**



**Compression spring**  
Ø13,7x19  
Ref : 200182  
**AS14 - SAS16 - SAS16.6**



**Stop rod**  
Ref : 10300  
**AS14 - SAS16 - SAS16.6**

## Central Shaft Group

## TORNOS AS14- SAS16 - SAS16DC - SAS16.6

### Central shaft group



**Central shaft**  
Ref : 365415  
**AS14 - SAS16 - SAS16.6**



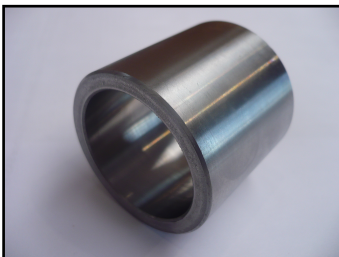
**Distance ring**  
Ref : 94528  
**AS14 - SAS16 - SAS16.6**



**Ring 35x45x40,5**  
Ref : 366410  
**AS14 - SAS16 - SAS16.6**



**Wood key right 54x8x7**  
Ref : 11351  
**AS14 - SAS16 - SAS16.6**



**Bush 41x44,50**  
Ref : 10739 or AS20559  
**AS14 - SAS16 - SAS16.6**



**Bush 61x41x35**  
Ref : 10741 or AS20563  
**AS14 - SAS16 - SAS16.6**



**Bush 138x41x35**  
Ref : 94527  
**AS14 - SAS16 - SAS16.6**



**Gear Z=42**  
Ref : 10747  
**AS14 - SAS16 - SAS16.6**



**Gear Z=37**  
Ref : 96869  
**AS14 - SAS16 - SAS16.6**



**Gear Z=37**  
Ref : 366411  
**AS14 - SAS16 - SAS16.6**



**Gear Z=42**  
Ref : 366412  
**AS14 - SAS16 - SAS16.6**





## Pick up Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Sub spindle pick up



**Axis of clamping lever 136x20**  
Ref : 10376 or AS2419  
**AS14 - SAS16 - SAS16.6**



**Axis 37x10x17,80**  
Ref : 10537 or AS211417  
**AS14 - SAS16 - SAS16.6**



**Knurled axis 170x20**  
Ref : 11053 or AS28107  
**AS14 - SAS16 - SAS16.6**



**Axis of foundry clamping**  
Ref : 11064  
**AS14 - SAS16 - SAS16.6**



**Shouldered axis on rod**  
Ref : 11071  
**AS14 - SAS16 - SAS16.6**



**Solid carbide axis**  
Ref : 38213 or AS24259  
**AS14 - SAS16 - SAS16.6**



**Axis 63x12x18**  
Ref : 86271  
**AS14 - SAS16 - SAS16.6**



**Sub spindle**  
Ref : 42160 or AS24189-03  
**AS14 - SAS16 - SAS16.6**



**Clamping bush**  
Ref : 10865 or AS24215  
**AS14 - SAS16 - SAS16.6**



**Clamping Slide**  
Ref : 20699  
**AS14 - SAS16 - SAS16.6**



**Feed Slide**  
Ref : 20594  
**AS14 - SAS16**



**Toggle holder ring**  
Ref : 10866  
**AS14 - SAS16 - SAS16.6**



**Toggle holder**  
Ref : 25931  
**AS14 - SAS16 - SAS16.6**



**Clamping toggle**  
Ref : 94734 or AS24187  
**AS14 - SAS16 - SAS16.6**



**Clamping coil**  
Ref : 115011 or AS24207  
**AS14 - SAS16 - SAS16.6**



**Sub spindle cap M32x1**  
Ref : 10867  
**AS14 - SAS16 - SAS16.6**



## Pick up Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Sub spindle Pick up



**Bronze box Ø38x32xLg45**  
Ref : 84559 or AS24833  
**AS14 - SAS16 - SAS16.6**



**Eccentric bush 19,50x13x7**  
Ref : 4905  
**AS14 - SAS16 - SAS16.6**



**Bush 17x12x7**  
Ref : 10860 or AS24179  
**AS14 - SAS16 - SAS16.6**



**Clamping bush collet holder**  
Ref : 10863  
**AS14 - SAS16 - SAS16.6**



**Nut with collar 6P M16x10**  
Ref : 10384  
**AS14 - SAS16 - SAS16.6**



**Bearing flange**  
Ref : 42162 or AS24687  
**AS14 - SAS16 - SAS16.6**



**Nut of Stop screw 6P M8x0,75x8**  
Ref : 10870  
**AS14 - SAS16 - SAS16.6**



**Nut of Clamping adjustment**  
Ref : 10869 or AS24225  
**AS14 - SAS16 - SAS16.6**



**Friction - Rough part**  
Ref : 5022  
**AS14 - SAS16 - SAS16.6**



**Roller 24x12x12**  
Ref : 20404 or AS1365  
**AS14 - SAS16 - SAS16.6**



**Roller 20x10x12**  
Ref : 20528 or AS14269  
**AS14 - SAS16 - SAS16.6**



**Recessing roller 26x12x12**  
Ref : 86273  
**AS14 - SAS16 - SAS16.6**



**Safety pin 44x6,95**  
Ref : 10861 or AS24177  
**AS14 - SAS16 - SAS16.6**



**Clamping Pad Sub spindle**  
Ref : 10377 or AS2443  
**AS14 - SAS16 - SAS16.6**



**Feed Pad L39**  
Ref : 10859  
**AS14 - SAS16 - SAS16.6**



**Feed slide Pad**  
Ref : 20454  
**AS14 - SAS16 - SAS16.6**

## Pick up group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

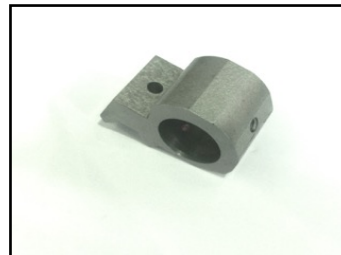
### Sub spindle pick up



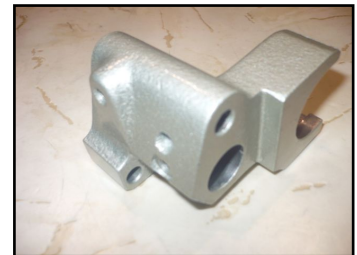
**Stop Quill alone**  
Ref : 104952 or AS28/26  
**AS14 - SAS16 - SAS16.6**



**Quill fork**  
Ref : 40141  
**AS14 - SAS16 - SAS16.6**



**Steady front support**  
Ref : 41950 or AS2448  
**AS14 - SAS16 - SAS16.6**



**Clamping cast iron**  
Ref : 10378  
**AS14 - SAS16 - SAS16.6**



**Clamping screw**  
Ref : 10877 or AS24249  
**AS14 - SAS16 - SAS16.6**



**Feed support sub spindle**  
Ref : 25930 or AS24231  
**AS14 - SAS16 - SAS16.6**



**Special stop**  
Ref : 39490  
**AS14 - SAS16 - SAS16.6**



**Foundry stopping support**  
Ref : 25825 or AS28/13A  
**AS14 - SAS16 - SAS16.6**



**Non stop sub spindle feed lever**  
Ref : AS28/7  
**AS14 - SAS16 - SAS16.6**



**Non stop clamping lever sub**  
Ref : 25799 or AS2410  
**AS14 - SAS16 - SAS16.6**



**Feed lever sub spindle**  
Ref : 25801 or AS2420  
**AS14 - SAS16 - SAS16.6**



**Feed lever pick up**  
Ref : 25800 or AS2418  
**AS14 - SAS16 - SAS16.6**



**Foundry Clamping**  
Ref : 25826 - 25827  
**AS14 - SAS16 - SAS16.6**



**Slide**  
Ref : 10413  
**AS14 - SAS16 - SAS16.6**



**Piston**  
Ref : 25933  
**AS14 - SAS16 - SAS16.6**



**Stop screw counter operation**  
Ref : 10878 or AS24251  
**AS14 - SAS16 - SAS16.6**



**Pick up group**

**TORNOS AS14- SAS16 - SAS16 DC - SAS16.6**

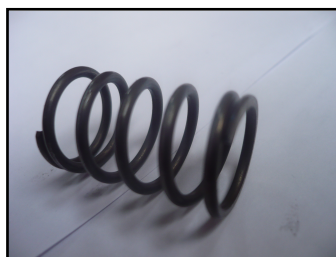
**Sub spindle pick up**



**Tension spring 163x15**  
Ref : 200599  
**AS14 - SAS16 - SAS16.6**



**Tension spring 102x8,2**  
Ref : 200605  
**AS14 - SAS16 - SAS16.6**



**Compression spring Ø15,5**  
Ref : 200864  
**AS14 - SAS16 - SAS16.6**



**Compression spring**  
Ref : 200931  
**AS14 - SAS16 - SAS16.6**

If your spare part is not in this catalog  
Please contact us:

**samo@samo.fr**

For your request about price and delivery:

[www.samo.fr](http://www.samo.fr)

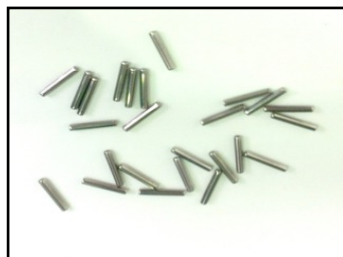
or

[samo@samo.fr](mailto:samo@samo.fr)

## Clamping Lever group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Manuel and Automatic Clamping Lever



**Needles**  
Ref : 201280  
**SAS16 - SAS16.6**



**Axis 53x12x22**  
Ref : 10295 or AS1311  
**AS14 - SAS16 - SAS16.6**



**Axis 118x22**  
Ref : 10434  
**AS14 - SAS16 - SAS16.6**



**Axis 46x12x20**  
Ref : 10519 or AS11339-1  
**AS14**



**Axis 50x12x20**  
Ref : 10536 ou AS11415  
**AS14**



**Axis 37x10x17,80**  
Ref : 10537 ou AS11417  
**AS14 - SAS16 - SAS16.6**



**Eccentric axis 51x12x26**  
Ref : 10538  
**AS14**



**Manual clamping roller axis L78**  
Ref : 86470  
**SAS16**



**Axis cylindrical head Ø12x40**  
Ref : 86704  
**SAS16 - SAS16.6**



**Lubricating ring clamping roller**  
Ref : 45469  
**SAS16 - SAS16.6**



**Clamping roller 26,50x17x15**  
Ref : 10518 or AS11337-1  
**AS14**



**Clamping roller 26,5x15x19**  
Ref : 86217  
**SAS16 - SAS16.6**



**Roller 24x12x12**  
Ref : 20404 or AS1365  
**AS14 - SAS16 - SAS16.6**



**Roller 20x10x12**  
Ref : 20528 or AS14269  
**AS14 - SAS16 - SAS16.6**



**Eccentric roller with hole Ø24**  
Ref : 86858  
**SAS16 - SAS16.6**



**Automatic clamping lever**  
AS1106 Ref : 10471  
**AS14**



**Automatic clamping lever L02**  
Ref : 86705  
**SAS16 - SAS16.6**



**Spring slide loading**  
Ref : 86714  
**AS14 - SAS16 - SAS16.6**

## Thread milling attachment Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Used spare parts



**Assembly complete tapping  
Friction + axis**  
**AS14 - SAS16 - SAS16.6**



**Turning Spindle**  
Ref : 104526 or AS27/1  
**AS14 - SAS16 - SAS16.6**



**Intermediate shaft tapping**  
Ref : 10990 or AS26255  
**AS14 - SAS16 - SAS16.6**



**Shaft straight**  
Ref : AS26285  
**AS14 - SAS16 - SAS16.6**



**Tapered shaft**  
Ref : 83259  
**SAS16 - SAS16.6**



**Micro Box**  
Ref : AS2642  
**AS14 - SAS16 - SAS16.6**



**Detapping and tapping**  
Ref : 93961 / 93960  
**SAS16.6**



**Blocking nut**  
Ref : 10999 or AS26281  
**AS14 - SAS16 - SAS16.6**



**Flange**  
Ref : 10389 or AS2636  
**AS14 - SAS16 - SAS16.6**



**Fork N°5**  
Ref : 46484  
**AS14 - SAS16 - SAS16.6**



**Fork**  
Ref : 10694  
**AS14 - SAS16 - SAS16.6**



**Guide**  
Ref : AS26287  
**AS14 - SAS16 - SAS16.6**



**Extension spring Ø15x102**  
Ref : 200433  
**AS14 - SAS16 - SAS16.6**



**Release rod**  
Ref : AS28114  
**AS14 - SAS16 - SAS16.6**



**Release cast iron lever**  
Ref : AS20254  
**AS14 - SAS16 - SAS16.6**



**Spring Support**  
Ref : AS2632-1  
**AS14 - SAS16 - SAS16.6**



**Cast iron**  
Ref : AS264-1  
**AS14 - SAS16 - SAS16.6**



**Cast iron**  
Ref : AS2628  
**AS14 - SAS16 - SAS16.6**



**Cast iron lever**  
Ref : AS2638  
**AS14 - SAS16 - SAS16.6**



**Cast iron + Shaft**  
Ref : AS2630 / AS26257  
**AS14 - SAS16 - SAS16.6**



## Independent Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Upper Independent lever, small lever



Axis cylindrical head 90x20x35  
Ref : 10420

AS14 - SAS16 - SAS16.6



Axis 50x12x19,70  
Ref : 10422 or AS2881

AS14 - SAS16 - SAS16.6



Nut M20/125  
Ref : 11039

AS14 - SAS16 - SAS16.6



Roller 24x12x12  
Ref : 20404 or AS1365

AS14 - SAS16 - SAS16.6



Upper slide lg 315  
Ref : 20451

AS14 - SAS16 - SAS16.6



Upper independent lever lg 225  
Ref : 25821

AS14 - SAS16 - SAS16.6



Pad L46  
Ref : 10421

AS14 - SAS16 - SAS16.6



Extension spring lg 102x15  
Ref : 200433

AS14 - SAS16 - SAS16.6

## Independent Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Lower independent lever, large lever



Axis cylindrical head 90x20x35  
Ref : 10420

AS14 - SAS16 - SAS16.6



Axis 50x12x19,70  
Ref : 10422 or AS2881

AS14 - SAS16 - SAS16.6



Nut M20/125  
Ref : 11039

AS14 - SAS16 - SAS16.6



Roller 24x12x12  
Ref : 20404 ou AS1365

AS14 - SAS16 - SAS16.6



Lower slide lg 255  
Ref : 20450

AS14 - SAS16 - SAS16.6



Cast iron lever lg 337  
Ref : 25822

AS14 - SAS16 - SAS16.6



Pad L46  
Ref : 10421

AS14 - SAS16 - SAS16.6



Extension spring lg 150x19,4  
Ref : 201127

AS14 - SAS16 - SAS16.6

## Drum Group

**TORNOS AS14- SAS16 - SAS16 DC - SAS16.6**

### Drum



**Support ring**  
Ref : 10573 or AS12299A  
**AS14 - SAS16 - SAS16.6**



**Ring**  
Ref : 10584 or AS12373  
**AS14 - SAS16 - SAS16.6**



**Pole drum support box**  
Ref : 10811  
**AS14 - SAS16 - SAS16.6**



**Thickness hold**  
Ref : 89195  
**AS14 - SAS16**



**Joint SKEGA**  
Ref : 204178  
**AS14 - SAS16 - SAS16.6**



**Ball pin**  
Ref : 10583 or AS12371  
**AS14 - SAS16 - SAS16.6**



**Stop screw drum**  
Ref : 10559  
**AS14 - SAS16 - SAS16.6**

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## Reel or Drum Bar holder + Support

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Reel or Drum Bar holder + Support



Axis foot drum  
Ref : 10337  
**AS14 - SAS16 - SAS16.6**



Roller axis support of track  
Ref : 49295  
**SAS16**



Driving shaft  
Ref : 10667 or AS15115  
**AS14**



Stopping ring tube  
Ref : 4813  
**AS14 - SAS16 - SAS16.6**



Fixation bolting finger  
Ref : 93671 or AS1519  
**AS14**



Fixation bolting finger  
Ref : 88534  
**SAS16 - SAS16.6**



Drum positioning finger or Stud  
Ref : 20417 - AS7561  
**AS14**



Bush  
Ref : 10668  
**AS14 - SAS16 - SAS16.6**



Nut reel tube  
Ref : 49299  
**AS14 - SAS16 - SAS16.6**



Drum fixation  
Ref : 4807 or AS15109-1  
**AS14 - SAS16 - SAS16.6**



Cast iron drum support  
Ref : AS1514  
**AS14**



Cast iron drum support  
Ref : 20414  
**SAS16**



Roller foot drum 45x22x20  
Ref : 20547  
**AS14 - SAS16 - SAS16.6**



Roller 36x14x20  
Ref : 20419  
**AS14 - SAS16 - SAS16.6**



Drum guide  
Ref : AS1567  
**AS14**



Drum guide  
Ref : 10335  
**AS14 - SAS16 - SAS16.6**



## Reel or Drum Bar holder + Support

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Reel or Drum Bar holder + Support



Roller axis support of track  
Ref :  
**AS14**



Bolting plate  
Ref : 25514 or AS1579  
**AS14**



Bolting plate  
Ref : 96777  
**SAS16**



Bolting plate  
Ref : 99346  
**SAS16.6**



Drum spring  
Ref : 203042  
**AS14**



Drum spring  
Ref : 88533  
**SAS16 - SAS16.6**



compression spring  
Ref : 200846  
**AS14 - SAS16 - SAS16.6**

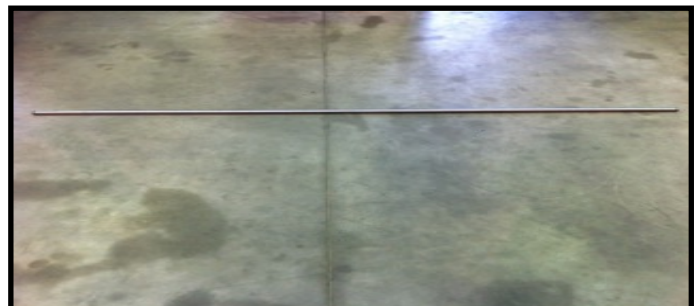


Reel support  
Ref : 97293  
**SAS16.6**



**DRUM**

**AS14 - SAS16 - SAS16.6**



**DRUM TUBE**

**AS14 - SAS16 - SAS16.6**

## Slides Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Slides 1 et 4



**Box 55x40**  
Ref : 10602 ou AS14159  
**AS14 - SAS16 - SAS16.6**



**Short rack**  
Ref : 20515 or AS14153  
**AS14 - SAS16 - SAS16.6**



**Cast iron Rod station 4**  
Ref : AS1450  
**AS14 - SAS16 - SAS16.6**



**Lever station 4 Feed slide**  
Ref : 25787  
**AS14 - SAS16 - SAS16.6**



**Stop block slide station 1**  
Ref : 28824  
**AS14 - SAS16 - SAS16.6**



**Pusher 115x10,20x15**  
Ref : 25874 or AS14287  
**AS14 - SAS16 - SAS16.6**



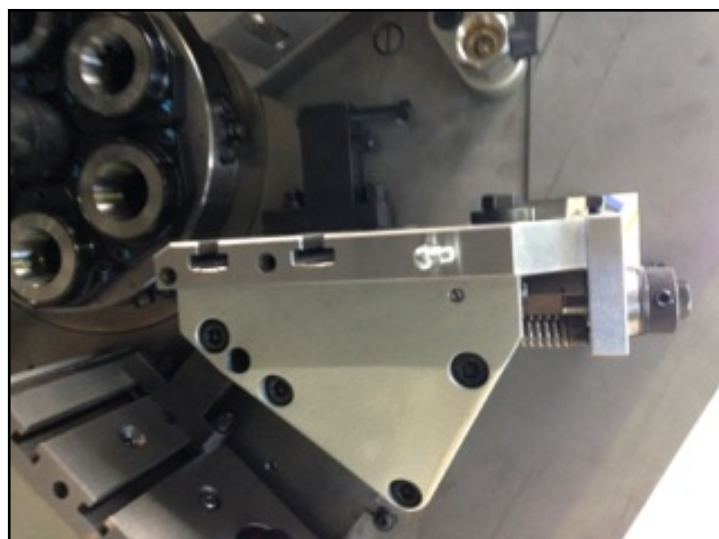
**Spring 180,2x15,6 RCM516**  
Ref : 210245  
**AS14 - SAS16 - SAS16.6**



**Gear straight teeth z=35**  
Ref : 10631 or AS14249  
**AS14 - SAS16 - SAS16.6**



**Slide station 1**  
Ref : 108677  
**AS14 - SAS16 - SAS16.6**



**Slide station 4**  
Ref : 108680  
**AS14 - SAS16 - SAS16.6**



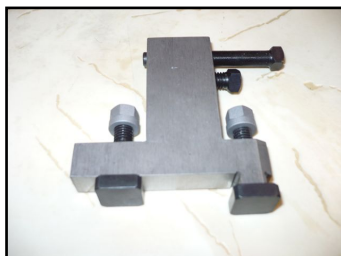
## Slides Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Slides 2 et 3



**Splash guard slide**  
Ref : 4802 or AS14321  
**AS14 - SAS16 - SAS16.6**



**Slide stop station 2 & 3**  
Ref : 97303  
**AS14 - SAS16 - SAS16.6**



**Long rack**  
Ref : 20514  
**AS14 - SAS16 - SAS16.6**



**Plate**  
Ref : 20522 or AS14255  
**AS14 - SAS16 - SAS16.6**



**Pusher 140x12,16x17**  
Ref : 25875 or AS14289  
**AS14 - SAS16 - SAS16.6**



**Spring 222x17,50 RCM517**  
Ref : 210246  
**AS14 - SAS16 - SAS16.6**



**Washer Ø32 for screw head H**  
Ref : 10655 or AS14537  
**AS14 - SAS16 - SAS16.6**



**Screw head H**  
Ref : 10313 or AS1431-1  
**AS14 - SAS16 - SAS16.6**



**Gear straight teeth Z=35**  
Ref : 10630 or AS14247  
**AS14 - SAS16 - SAS16.6**



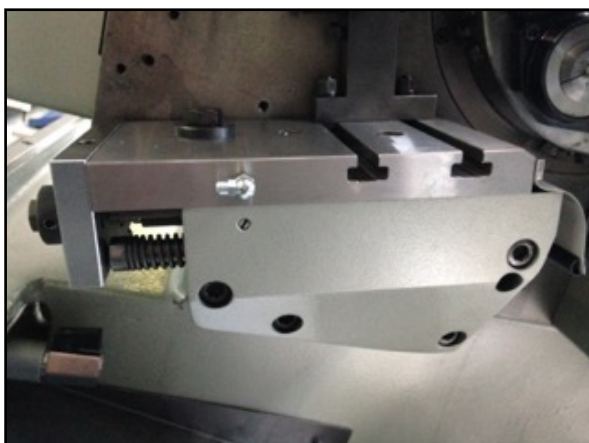
**Knurled blocking nut**  
Ref : 10314 or AS1435-1  
**AS14 - SAS16 - SAS16.6**



**Screw adjusting jib**  
Ref : 10612  
**AS14 - SAS16 - SAS16.6**



**Split tube**  
Ref : 10633 or AS14253  
**AS14 - SAS16 - SAS16.6**



**Slide station 2**  
Ref : 108678  
**AS14 - SAS16 - SAS16.6**



**Slide station 3**  
Ref : 108679  
**AS14 - SAS16 - SAS16.6**



## Slides Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Slides 5 et 6



**Axis Ø10x22 station 5**  
Ref : 10323 or AS1423-1  
**AS14 - SAS16 - SAS16.6**



**Pivot axis chariot 5 & 6**  
Ref : 4681 or AS1495-1  
**AS14 - SAS16 - SAS16.6**



**Spindle nose cap**  
Ref : 20519 or AS14211  
**AS14 - SAS16 - SAS16.6**



**Nut with collar**  
Ref : 10620 or AS14219  
**AS14 - SAS16 - SAS16.6**



**Roller 20x10x8**  
Ref : 20407 or AS1477  
**AS14 - SAS16 - SAS16.6**



**Roller 20x10x12**  
Ref : 20528 or AS14269  
**AS14 - SAS16 - SAS16.6**



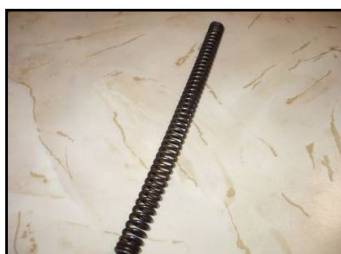
**Stop multistage block**  
Ref : 10646  
**AS14 - SAS16 - SAS16.6**



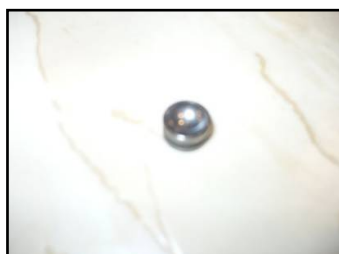
**Pusher 135x10x13**  
Ref : 25873 or AS14285  
**AS14 - SAS16 - SAS16.6**



**Slide rule holder of guiding**  
Ref : 10619  
**AS14 - SAS16 - SAS16.6**



**Spring 215x13,5**  
Ref : 210247 or RCM518  
**AS14 - SAS16 - SAS16.6**



**Ball pin**  
Ref : 10618 or AS14213  
**AS14 - SAS16 - SAS16.6**



**Adjusting screw**  
Ref : 10331 or AS1491  
**AS14 - SAS16 - SAS16.6**



**Slide station 5**  
Ref : 108681  
**AS14 - SAS16 - SAS16.6**



**Slide station 6**  
Ref : 108682  
**AS14 - SAS16 - SAS16.6**

**Bolting and Indexing**



**Axis**  
Ref : 10481  
**AS14 - SAS16 - SAS16.6**



**Axis 33x12**  
Ref : 10482  
**AS14 - SAS16 - SAS16.6**



**Knurled axis 410x28**  
Ref : 32193 ou AS15511  
**AS14**



**Maltese cross**  
Ref : 20485  
**AS14**



**Crown gear**  
Ref : 10256 or AS125-2  
**AS14**



**Crown gear**  
Ref : 87694 or AS10647  
**SAS16**



**Indexing gear**  
Ref : 48370  
**AS14 - SAS16 - SAS16.6**



**Bolt finger**  
Ref : 20487  
**AS14 - SAS16**



**Roller**  
Ref : 20404 or AS1365  
**AS14 - SAS16 - SAS16.6**



**Bolt roller**  
Ref : 20488  
**AS14 - SAS16 - SAS16.6**



**Spring 120x29,20**  
Ref : 200835  
**AS14 - SAS16 - SAS16.6**



**Driving wheel**  
Ref : 97770  
**SAS16.6**

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**Rod control feed slides stations**

**1-2-3-4 AS14- SAS16 - SAS16 DC - SAS16.6**

**Rod control station 1, 2, 3 & 4**



**Axis stations 1 & 2 265x28**  
Ref : 10309  
**AS14 - SAS16 - SAS16.6**



**Upper axis stations 3 & 4 255x28**  
Ref : 10310 or AS1415  
**AS14 - SAS16 - SAS16.6**



**Axis 34x12**  
Ref : 10482 or AS14201-01  
**AS14 - SAS16 - SAS16.6**



**Lower axis rod 52x12**  
Ref : 10601 or AS14145  
**AS14 - SAS16 - SAS16.6**



**Axis of feeds 317x28x38**  
Ref : 10628 or AS14243  
**AS14 - SAS16 - SAS16.6**



**Axis of feeds 330x28x38**  
Ref : 10629 or AS14245  
**AS14 - SAS16 - SAS16.6**



**Carbide axis 27x10**  
Ref : 28839 or AS14171  
**AS14 - SAS16 - SAS16.6**



**Box 16x12**  
Ref : 10308 or AS1413  
**AS14 - SAS16 - SAS16.6**



**Box 95x40**  
Ref : 10603 or AS14161  
**AS14 - SAS16 - SAS16.6**



**Front box 80x40x74**  
Ref : 10604 or AS14163  
**AS14 - SAS16 - SAS16.6**



**Front box 86x40x74**  
Ref : 10605 or AS14165  
**AS14 - SAS16 - SAS16.6**



**Roller 20x10x12**  
Ref : 20528 or AS14269  
**AS14 - SAS16 - SAS16.6**

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## Oscillating Bar Stop Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Oscillating bar stop group



**Axis 28x10**  
Ref : 5026 or AS29173  
**AS14 - SAS16 - SAS16.6**



**Axis oscillating stop 150x20**  
Ref : 10264 or AS291  
**AS14 - SAS16 - SAS16.6**



**Stop holder axis 875x26**  
Ref : 10484 or AS29089  
**AS14 - SAS16**



**Staged axis**  
Ref : 11087 or AS29109  
**AS14 - SAS16 - SAS16.6**



**Carbide axis 27x10**  
Ref : 28839 or AS14171-03  
**AS14 - SAS16 - SAS16.6**



**Key 120x8x7**  
Ref : 10433 or AS2987-1  
**AS14 - SAS16 - SAS16.6**



**Split nut**  
Ref : 10427 or AS2925  
**AS14 - SAS16 - SAS16.6**



**Roller 20x10x12**  
Ref : 20528 or AS14269  
**AS14 - SAS16 - SAS16.6**



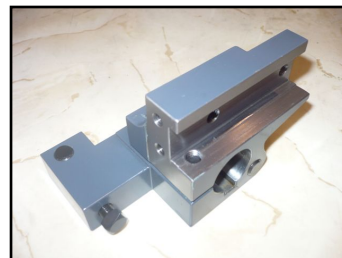
**Levier butée de barre**  
Ref : 25830 or AS2910  
**AS14 - SAS16 - SAS16.6**



**Complete drill holder lever**  
Ref : 101770 or AS24/3  
**AS14 - SAS16 - SAS16.6**



**Drill holder**  
Ref : 10888  
**AS14 - SAS16 - SAS16.6**



**Cast iron drill holder**  
Ref : 25802  
**AS14 - SAS16 - SAS16.6**



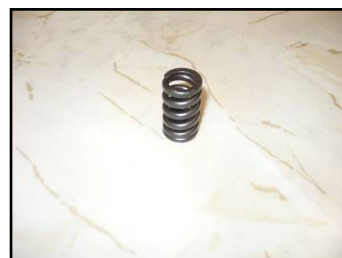
**Drill holder plate**  
Ref : 10864  
**AS14 - SAS16 - SAS16.6**



**Gear oscillating stop 19 teethes**  
Ref : 10435 or AS2991-1  
**AS14 - SAS16 - SAS16.6**



**Roller holder**  
Ref : 20385 or AS293  
**AS14 - SAS16 - SAS16.6**



**Compression spring 27x15,5**  
Ref : 200348 or RPC245  
**AS14 - SAS16 - SAS16.6**



**Screw Lg30-Lg45-Lg67**  
Ref : 93469 - 93468 - 93470  
**AS14 - SAS16 - SAS16.6**



## Loading Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Loading group



**Axis 53x12x22**  
Ref : 10295 or AS1311  
**AS14 - SAS16 - SAS16.6**



**Axis 120x22**  
Ref : 10434 or AS11205  
**AS14 - SAS16 - SAS16.6**



**Stop axis 130x15 M10**  
Ref : 10489 or AS11233  
**AS14 - SAS16**



**Axis bar end 80x12x21,70**  
Ref : 10513 or AS11315  
**AS14**



**Axis fastening rod Ø 36,10**  
Ref : 10494  
**AS14 - SAS16 - SAS16.6**



**Axe attache de bielle Ø 26,50**  
Ref : 10495  
**AS14 - SAS16 - SAS16.6**



**Connecting rod joint bold**  
Ref : 10500  
**AS14**



**Rod**  
Ref : 10497  
**AS14 - SAS16**



**Loading bar**  
Ref : 20500  
**AS14 - SAS16**



**Nut**  
Ref : 10498 ou AS11261  
**AS14 - SAS16 - SAS16.6**



**Roller 24x12x12**  
Ref : 20404 ou AS1365  
**AS14 - SAS16 - SAS16.6**



**Feed and Return Pads**  
Ref : 10486(feed) 48545(return)  
**AS14**



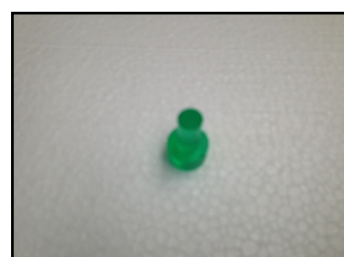
**Feed and Return Pads**  
Ref : 86232(feed) 86578(return)  
**SAS16 - SAS16.6**



**Fastening block**  
Ref : 10499 or AS11263  
**AS14 - SAS16 - SAS16.6**



**Stop block**  
Ref : 10488 or AS11231  
**AS14**



**Stop block**  
Ref : 86557  
**AS14 - SAS16 - SAS16.6**



**Tension spring 80x20**  
Ref : 200173  
**AS14 - SAS16 - SAS16.6**



**Tension spring 335x24**  
Ref : 202347  
**AS14 - SAS16 - SAS16.6**

## Loading Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Loading group



**Return bar lever**  
Ref : AS1194  
**AS14**



**Return bar lever**  
Ref : 97328  
**SAS16.6**



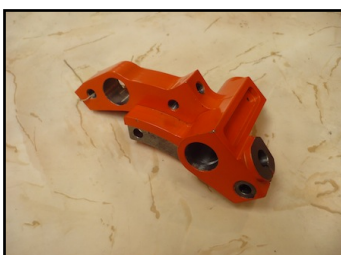
**Loading lever feed bar**  
Ref : AS1196  
**AS14**



**Loading lever**  
Ref : 91405  
**SAS16**



**Adjustment lever feed bar**  
Ref : AS1158  
**AS14**



**Feed bar lever**  
Ref : 86714  
**SAS16**



**Loading lever**  
Ref : 97325  
**SAS16.6**



**Loading lever Lg Pad 120**  
Ref :  
**SAS16.6 - SAS16**



**Bar feed adjustment lever**  
Ref : 91858  
**SAS16**

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**Speed box production**



**Hold model**  
Ref : AS20439  
**AS14**



**Single clutch**  
Ref : 115163  
**AS14 - SAS16**



**Double clutch**  
Ref : 115162  
**AS14 - SAS16**



**Electro clutch**  
Ref : 202529  
**SAS16**



**Clutch disc**  
Ref : 414  
**AS14 - SAS16**



**Clutch disc**  
**AS14 - SAS16**



**Electro clutch**  
**SAS16**



**Grooved bush**  
Ref : AS201111-1  
**AS14 - SAS16**



**Work bell**  
Ref : AS201155  
**AS14 - SAS16**



**Slow speed bell**  
Ref : AS201153  
**AS14 - SAS16**



**Fast speed bell**  
Ref : AS201121-1  
**AS14 - SAS16**



**A Set SE100 Fast friction**  
Ref : 115100  
**AS14 - SAS16**



**Ring**  
Ref : AS20941  
**AS14 - SAS16**



**Ring**  
Ref : AS201235  
**AS14 - SAS16**



**Ring**  
Ref : AS20157  
**AS14 - SAS16**



**Adjustment ring of clutch**  
Ref : 202009  
**AS14 - SAS16**



**Bush**  
Ref : AS2011071 - 11354  
**AS14 - SAS16**



**Shaft + Sleeve**  
Ref : AS20511-1 / AS206  
**AS14 - SAS16**



**Clamping sleeve  
of single or double clutch**  
Ref : AS20205 - 85486  
**AS14 - SAS16**



**Electro**  
**AS14 - SAS16**

**Speed box production**



**Toggles (Set of 3)**  
Ref : 204445

**AS14**



**Cast iron box naked**  
Ref : AS2052-3

**AS14 - SAS16**



**Finger**  
Ref : AS20387

**AS14 - SAS16**



**Sleeve**

**AS14 - SAS16**



**Mechanical clutch segment**  
Ref : 85497 or AS2020-29

**AS14 - SAS16**



**Fork + clutch driving tube**  
Ref : AS2056

**AS14 - SAS16**



**Fork**

**AS14 - SAS16**



**Control**

**AS14 - SAS16**



**Stretcher**

**AS14 - SAS16**



**Ball cage**  
Ref : 202017

**AS14 - SAS16**



**A set of 3 parts:**  
Ref : AS 201395/201381/201383

**AS14 - SAS16**



**Support of crank-handle**  
Ref : AS201163-1

**AS14 - SAS16**



**Triggering mechanism**  
Ref : AS20829

**AS14 - SAS16**



**Security speed box**  
Ref : AS10131 or AS20160

**AS14 - SAS16**



**Friction**  
Ref : 11356 or AS201113-1

**AS14 - SAS16**



**Axis + Nut + Sleeve**  
AS20815 - AS20817 - AS20819

**AS14 - SAS16**



**Shaft fast speed**  
Ref : 11360

**AS14 - SAS16**



**Axis**

**AS14 - SAS16**



**Shaft**  
Ref : AS201149-1

**AS14 - SAS16**



**Worm screw**  
Ref : 11363 or AS20505-3

**AS14 - SAS16**



Speed box production



Triggering control  
Ref : AS2060  
**AS14 - SAS16**



Speed box lever  
Ref : AS20104  
**AS14 - SAS16**



Lever acceleration  
Ref : AS20108  
**AS14 - SAS16**



Triggering lever  
Ref : AS20138  
**AS14 - SAS16**



Triggering lever  
Ref : AS20154  
**AS14 - SAS16**



Lever  
Ref : AS20156  
**AS14 - SAS16**



Cast iron acceleration  
Ref : 25890 or AS20156  
**AS14 - SAS16**



Lever  
Ref : AS20115 or AS20153  
**AS14 - SAS16**

Clutch



Worm wheel  
Ref : 10352 or AS2078  
**AS14 - SAS16**

## Upper Camshaft Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Camshaft



**Camshaft**  
Ref : 97251  
**AS14 - SAS16 - SAS16.6**



**Back box**  
Ref : 10267 or AS298  
**AS14 - SAS16 - SAS16.6**



**Box 60x50x70**  
Ref : 10288  
**AS14 - SAS16 - SAS16.6**



**Box 50x62x40**  
Ref : 10289 or AS1180-1  
**AS14 - SAS16 - SAS16.6**



**Box**  
Ref : 11371 ou AS201199  
**AS14 - SAS16 - SAS16.6**



**Cam follow up slide station 2**  
Ref : 10595  
**AS14 - SAS16 - SAS16.6**



**Cam follow up slide station 3**  
Ref : 10596  
**AS14 - SAS16 - SAS16.6**



**Cam follow up slide station 4**  
Ref : 10597  
**AS14 - SAS16 - SAS16.6**



**Cam follow up slide station 6**  
Ref : 10621 or AS14223-1  
**AS14 - SAS16 - SAS16.6**



**Sleeve nut**  
Ref : 10598  
**AS14 - SAS16 - SAS16.6**



**Split nut M30x125**  
Ref : 10713  
**AS14 - SAS16 - SAS16.6**



**Cam holder sleeve 2 et 3  
+ bolting**  
Ref : AS14123  
**AS14 - SAS16**



**Cam holder sleeve 2 et 3**  
Ref : 10593 or AS14105-1  
**AS14 - SAS16 - SAS16.6**



**Bronze wheel**  
Ref : 36179 or AS2094-1  
**AS14**



**Bronze wheel**  
Ref : 93499  
**SAS16**



**Axis 36x10**  
Ref : AS2431  
**AS14 - SAS16 - SAS16.6**



## Upper Camshaft Group

## TORNOS AS14- SAS16 - SAS16 DC - SAS16.6

### Ejector Group



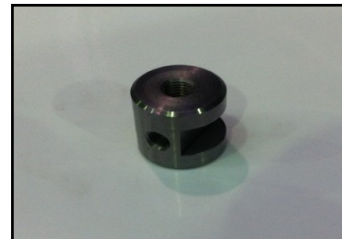
**Extraction rod**  
Lg 820 Ref : 10862  
Lg 825 Ref : 91672  
**AS14 - SAS16 - SAS16.6**



**Axis ejector lever**  
Ref : 10380 or AS2429  
**AS14 - SAS16 - SAS16.6**



**Axis ejector lever 111x26x18**  
Ref : 94739  
**SAS16**



**Extraction box**  
Ref : 20423  
**AS14 - SAS16 - SAS16.6**



**Extraction cam ejector nozzle**  
Ref : 10858  
**AS14 - SAS16 - SAS16.6**



**Cast iron lever**  
Ref : 25771 or AS248  
**AS14**



**Pad**  
Ref : 10382 or AS2433  
**AS14 - SAS16 - SAS16.6**



**Compression spring**  
Ref : 201097 or RCC113  
**AS14 - SAS16 - SAS16.6**

### IMPORTANT STOCK OF USED CAMS

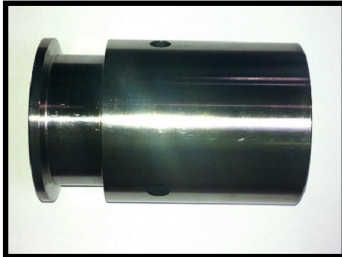
Slides, Central block, Pick up, Independents etc.....

AS14 - SAS16

Do not hesitate to contact us



**Spare parts**



**Clamping sleeve**  
Ref : 41184  
**BS20**



**Clamping sleeve**  
Ref : 45394  
**BS20**



**Clamping sleeve**  
**BS20**



**Friction stopping spindle**  
**BS20**



**Clamping toggles**  
Ref : 45397  
**BS20**



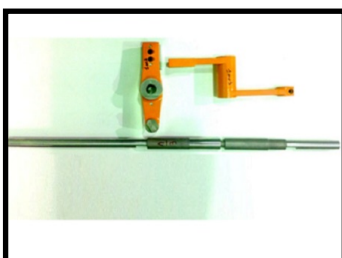
**Slide shaft station 5 & 8**  
Ref : 37393  
**BS20**



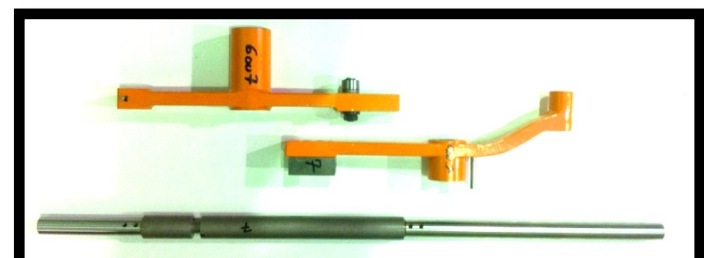
**Rack station 6 & 7**  
Ref : 97718  
**BS20**



**Rack station 1, 2, 3 & 4**  
Ref : 97719  
**BS20**



**Independent Station 1 or 3**  
BS28/11 Ref : 104157  
**BS20**



**Independent Station 6 or 7**  
BS28/9 Ref : 104154  
**BS20**



**Independent Station 4 or 5**  
BS28/10 Ref : 104156  
**BS20**



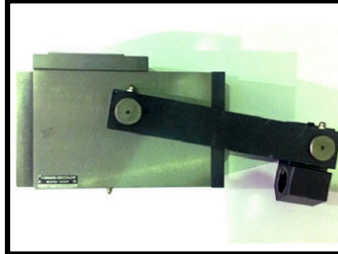
## Attachment Group

## TORNOS BS20

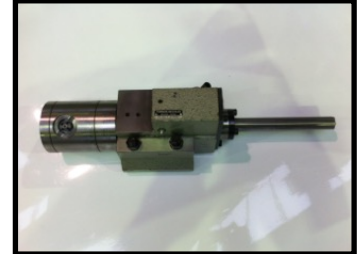
### Attachment



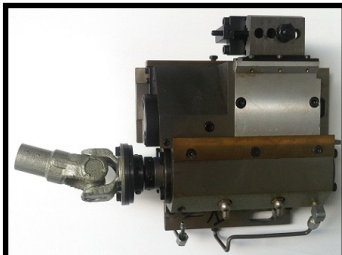
**Broaching attachment**  
Ref : BS31/4  
**BS20**



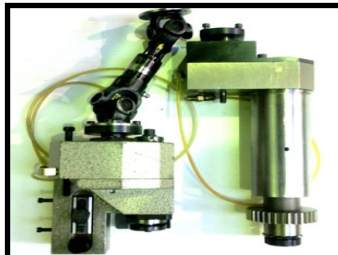
**Sliding attachment**  
Ref : BS32/1-1  
**BS20**



**Milling attachment**  
Ref : 104220 or BS25/1  
**BS20**



**Thread chasing attachment**  
Ref : BS33/6-9  
**BS20**



**Polygon attachment**  
Ref : 996120 or BS33/3-1  
**BS20**



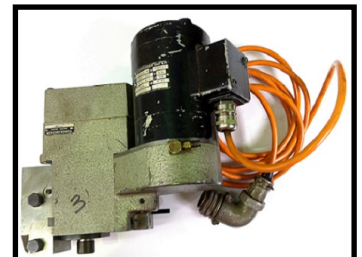
**Tailstock**  
Ref : 104132 - BS27/5  
**BS20**



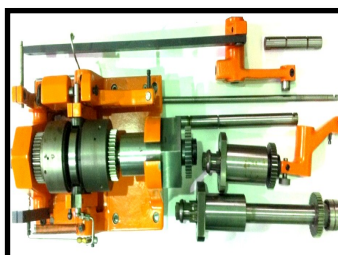
**Complete Fixed driller**  
Ref : 104287  
**BS20**



**Independent driller turning**  
Ref : 104127 or BS27/2  
**BS20**



**Complete transverse**  
Ref : 111197 or BS27/10  
**BS20**



**Assembly complete tapping**  
**BS20**

## Attachment Group

## TORNOS AS14 - SAS16 - SAS16 DC- SAS16.6

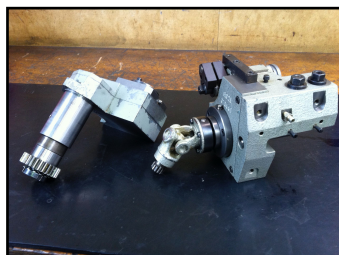
### Attachment



**Milling attachment**  
Ref : 104556 or AS25/8  
**AS14 - SAS16 - SAS16.6**



**Broaching attachment**  
Ref : 104761 or AS31/32  
**AS14 - SAS16 - SAS16.6**



**Polygon attachment**  
Ref : 996120  
**AS14 - SAS16 - SAS16.6**



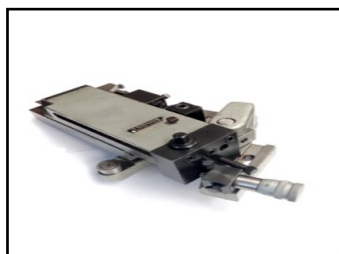
**Independent spindle no turning  
3 à 6**  
Ref : 107822 or AS27/8-1  
**AS14 - SAS16 - SAS16.6**



**Independent spindle no turning**  
Ref : AS27/8  
**AS14 - SAS16 - SAS16.6**



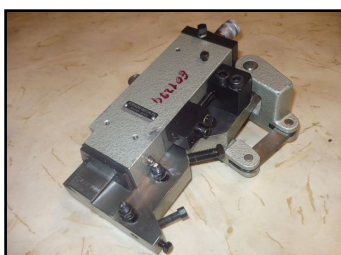
**Independent spinale  
Turning on slide**  
Ref : AS27/2  
**AS14 - SAS16 - SAS16.6**



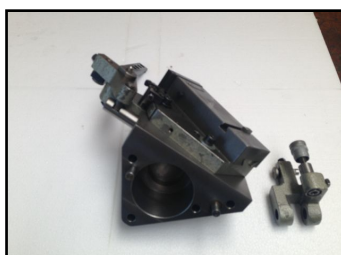
**Slider**  
Ref : AS32/20  
**AS14 - SAS16 - SAS16.6**



**Sliding tail stock  
Station 1 to 5**  
Ref : AS27/3 or 5  
**AS14 - SAS16 - SAS16.6**



**Traversing slide station 2**  
Ref : 104614 or AS32/19  
**AS14 - SAS16 - SAS16.6**



**Slide to 45° station 4**  
Ref : AS14/4  
**AS14 - SAS16 - SAS16.6**



**Re-engaging device for fette die**  
Ref : 104594 or AS27/15  
**AS14 - SAS16 - SAS16.6**



**Steady W12 / Complete fixed  
driller**  
Ref : 104528 or AS27/3  
**AS14 - SAS16 - SAS16.6**



**Steady W20 / Complete fixed  
driller**  
Ref : 104573 or AS27/29  
**AS14 - SAS16 - SAS16.6**



**Double driller**  
Ref : AS27/3D  
**AS14 - SAS16 - SAS16.6**



**Double driller  
Station 1 to 5**  
Ref : 104567 or AS27/13  
**AS14 - SAS16 - SAS16.6**



Attachment Group
TORNOS AS14 - SAS16 - SAS16 DC- SAS16.6

Attachment



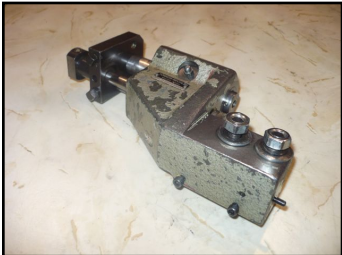
Standard toolholder  
Ref : 104590 - AS30/80  
AS14 - SAS16 - SAS16.6



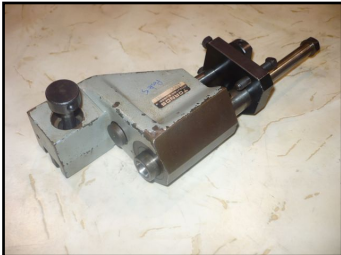
Standard toolholder  
Ref : 104597 - AS30/81  
AS14 - SAS16 - SAS16.6



Toolholders  
Ref : AS37/32 4  
AS14 - SAS16 - SAS16.6



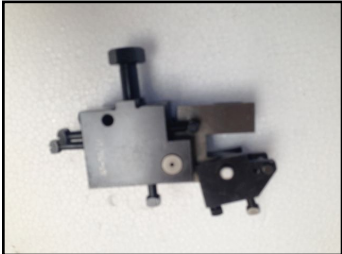
Broaching toolholder  
Ref : 108649 - AS32/4  
AS14 - SAS16 - SAS16.6



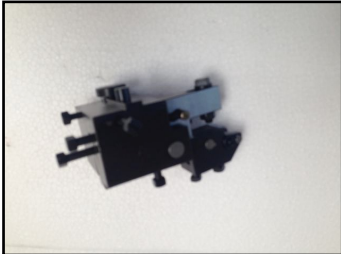
Broaching toolholder  
Ref : 107625 - AS32/5-1  
AS14 - SAS16 - SAS16.6



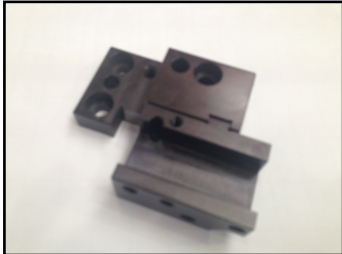
Tangentiel Toolholders  
Station 1 to 5  
Ref : 104628 - AS30/10  
AS14 - SAS16 - SAS16.6



Shaving device  
Ref : 104632 - AS30/16  
AS14 - SAS16 - SAS16.6



Shaving device  
Ref : 104644 - AS30/27  
AS14 - SAS16 - SAS16.6



Cut off toolholder station 6  
Ref : 104663 - AS30/67  
AS14 - SAS16 - SAS16.6

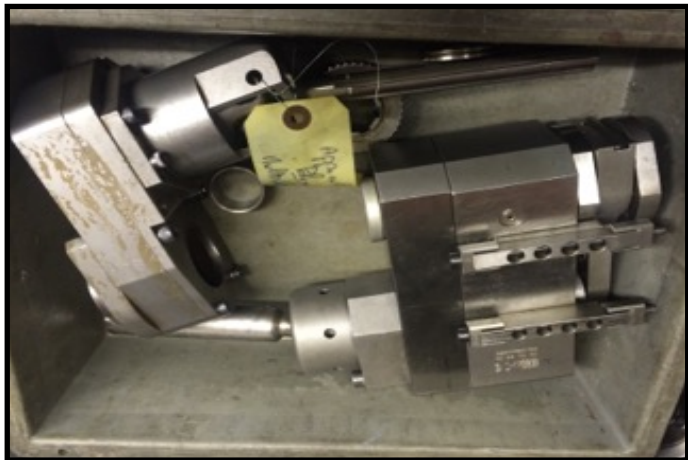


ARTICULATED MAGNETIC CONVEYORS SAMO  
AS14 - SAS16 - SAS16.6



MAGNETIC CONVEYORS TORNOS  
AS14 - SAS16 - SAS16.6

Attachment



POLYGON ATTACHMENT

MULTIDECO 20/6 - 26/6



SLOTING ATTACHMENT

MULTIDECO 20/6 - 26/6



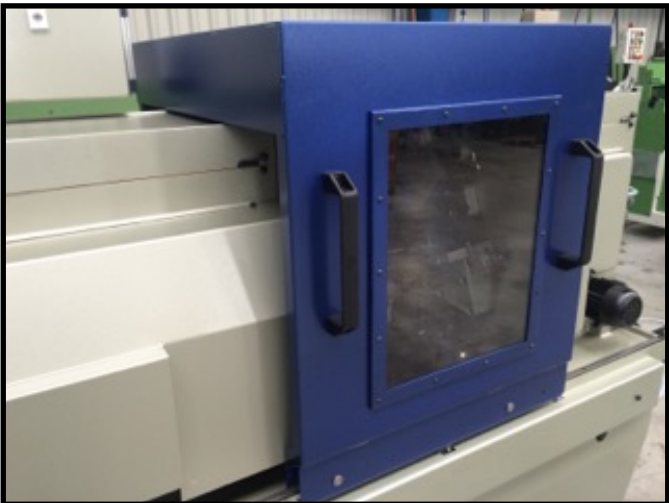
CHUTE EVACUATION FOR PIECE  
Ref : 104850

AS14 - SAS16 - SAS16.6



OUTSIDE CONTAINER

AS14 - SAS16 - SAS16.6



TUNNEL CARTER

AS14 - SAS16



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