

SPARE PARTS AND ATTACHMENT FOR MULTISPINDLE MACHINES

TORNOS AS14 TORNOS SAS16



Catalogue issue: 05/2017



STANDARD CAMS AND MACHINE GEARS











Speed gears



Feed gears



Threading gears



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FRONTAL DRILL-HOLDERS



drill-holder

AS27/3 collet-pince: W12 pos.1-2-3-4-5-6 (R1X100) AS27/29 collet-pince: W20 pos.1-2-3-4-5-6 (R1X400) AS27/26 collet-pince: ESX16 pos.1-2-3-4-5-6 (R1X300) AS27/3-1 collet-pince: ESX25 pos.1-2-3-4-5-6 (R1X200)



AS31/26



BS31/1



AS31/4



AS31/1



Indipendent non-rotating spindle

AS27/8 collet - pince: ESX16 pos.3-4-5-6 (R1E100) AS27/8 collet - pince: ESX25 pos.3-4-5-6 (R1E200) AS27/8 collet - pince: ESX32 pos.3-4-5-6 (R1E300) AS27/36 collet - pince: ESX16 pos.1-2 (R1E400)





Forks for non-rotating spindles





ROTATING DRILL-HOLDERS











SHAVING TOOL-HOLDERS



AS30/16 pos.5





AS30/24 pos.2

UNIVERSAL TOOL-HOLDERS



AS30/81 Pos. 1-2-3-4



AS30/80 Pos. 1-2-3-4





AS30/26 Pos. 3-4-5



AS30/25 Pos. 1-2

TOOL-HOLDERS



AS30/92 Pos. 1-2-3-4-5



AS30/93 Pos. 1-2-3-4-5

TOOL-HOLDERS



AS30/3 Pos. 5



AS30/5 Pos. 6







INTERCHANGEABLE TOOL-HOLDERS





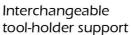
Interchangeable tool-holder support



AS30/104-1 Base for interchangeable tool-holder support



AS30/104-3 P1 – P2 toolholder





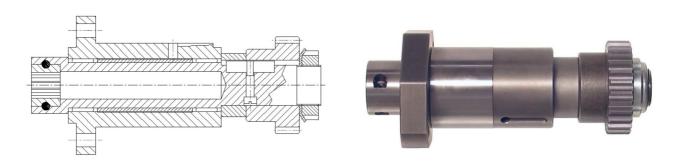
AS30/104-1 Base for interchangeable tool-holder support

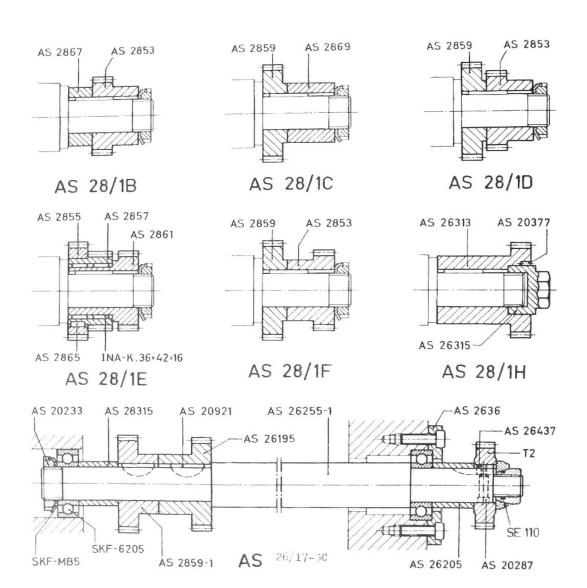




DRIVING QUILLE

AS 28/1A



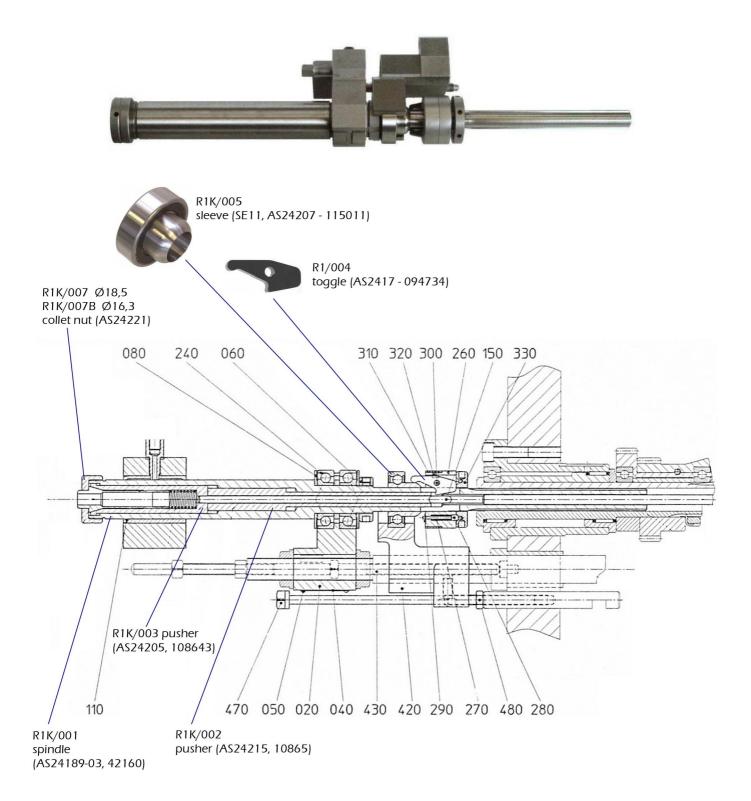




AS24/3 PICK-UP ATTACHMENT

The pick-up attachment is used on cutting-off position frontally.

Its spindle rotates at the same speed than the bar, its collet clamps the part during the cutting-off. Still with 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.





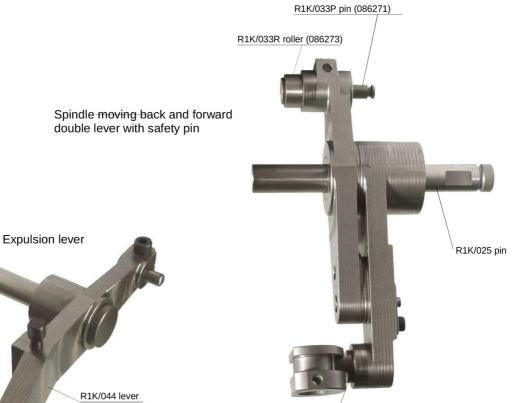
R1K/027 pin

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AS24/3 PICK-UP ATTACHMENT

R1K/030 pin



R1K/026 pin

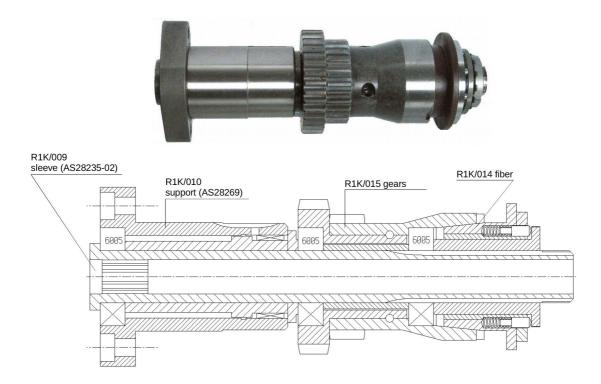
Expulsion rod





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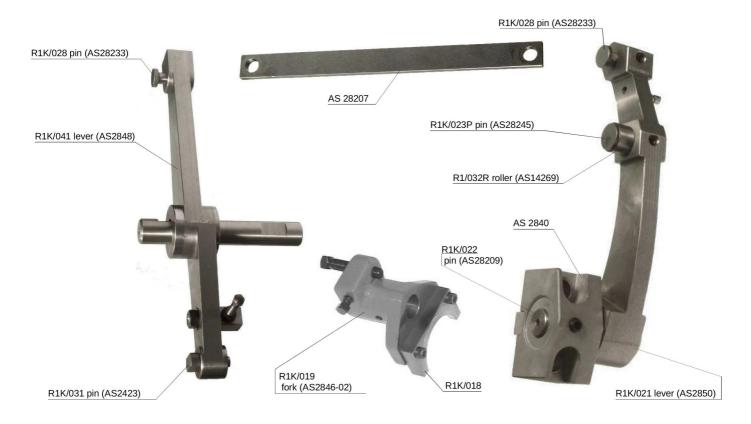
AS28/26 PICK-UP DRIVING WITH BRAKE



This driving unit is designed to stop the rotation of the pick-up spindle just before the expulsion of the component, in order to avoid any damage to the same component.

Otherwise it could hit some part of the machine at a very high speed.

This is possible thanks to a mechanical fiber clutch that disconnects the driving and allows the brake to stop the spindle.



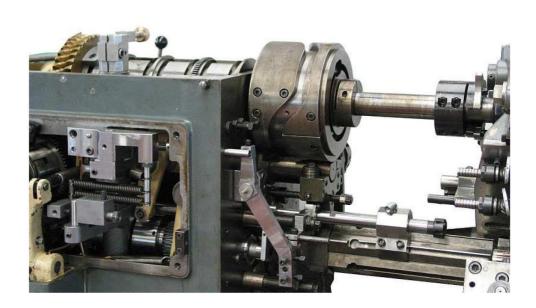




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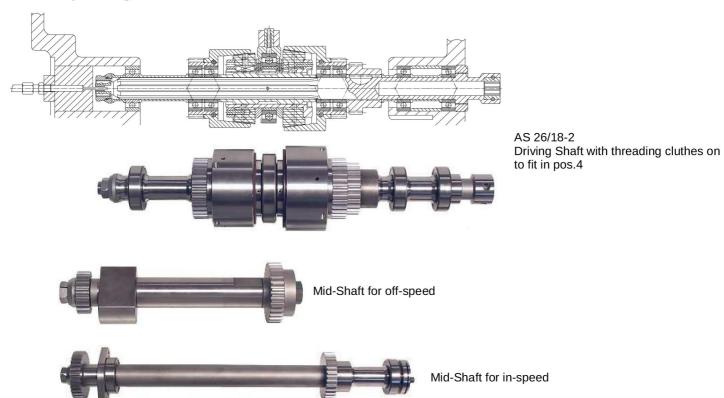
FULL THREADING ATTACHMENT





This attachment is used to make internal threads by a tap or external threads by a die. We supply it complete with everything necessary (clutches, shafts, gears, threading spindle, cams, ratio gears, safety micros, instruction book).

Its design is based on the original attachment, AS26/18 so we can even supply our parts like spares for your original attachment.

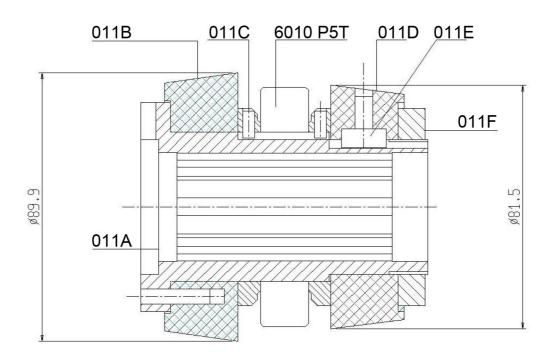


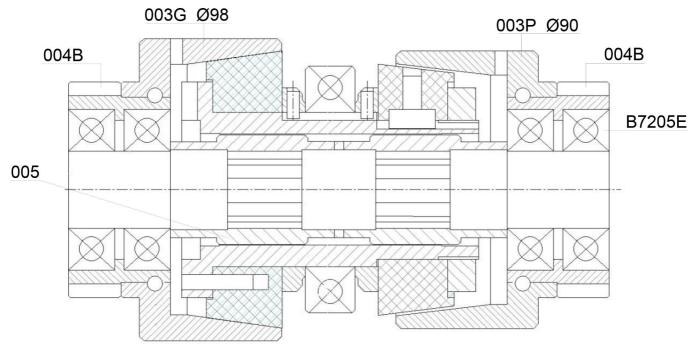




FULL THREADING ATTACHMENT



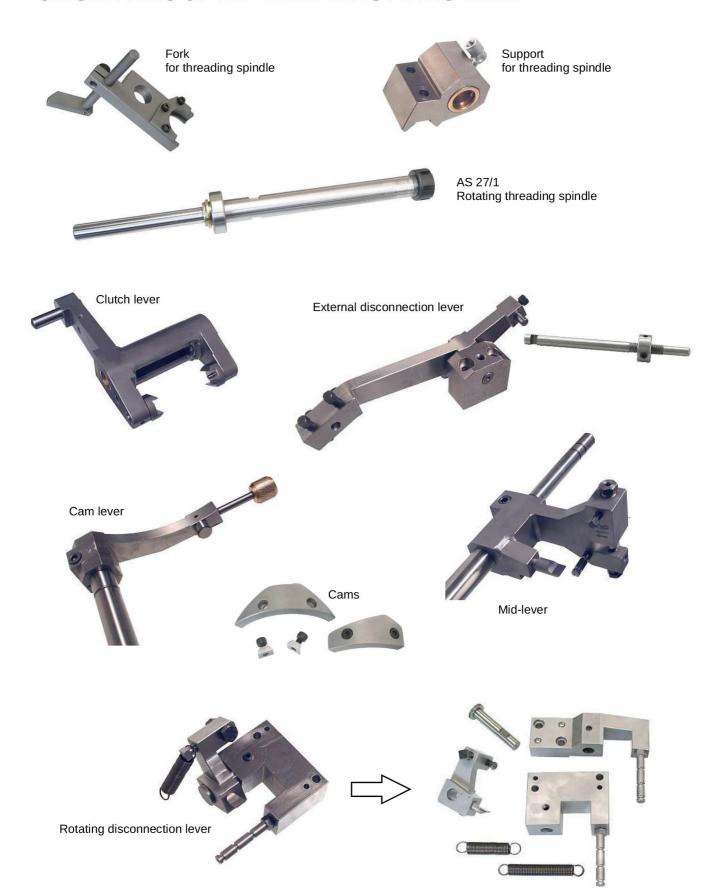








SINGLE PARTS OF THE THREADING ATTACHMENT

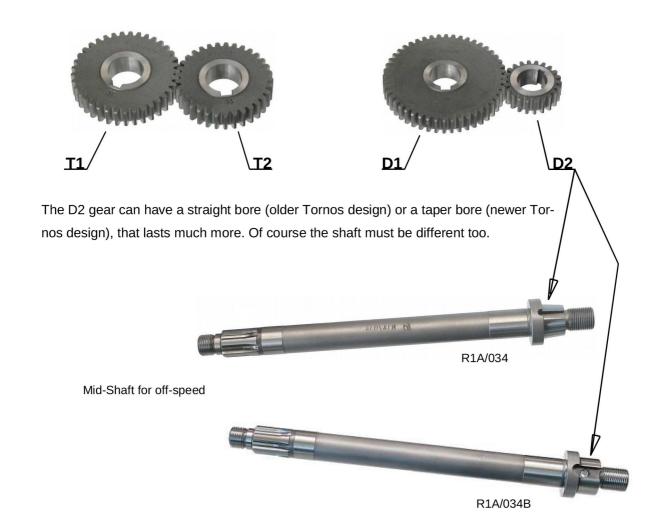




SINGLE PARTS OF THE THREADING ATTACHMENT

Standard Threading Ratio Gears are available

IN-SPEED					OFF-SPEED				
ratio	right		left		ratio	right		left	
	T1	T2	T1	T2		D1	D2	D1	D2
2	30	40	48	22	2	48	22	30	40
4	37	33	46	24	4	46	24	37	33
6	39	31	45	25					
9	40	30	44	26					





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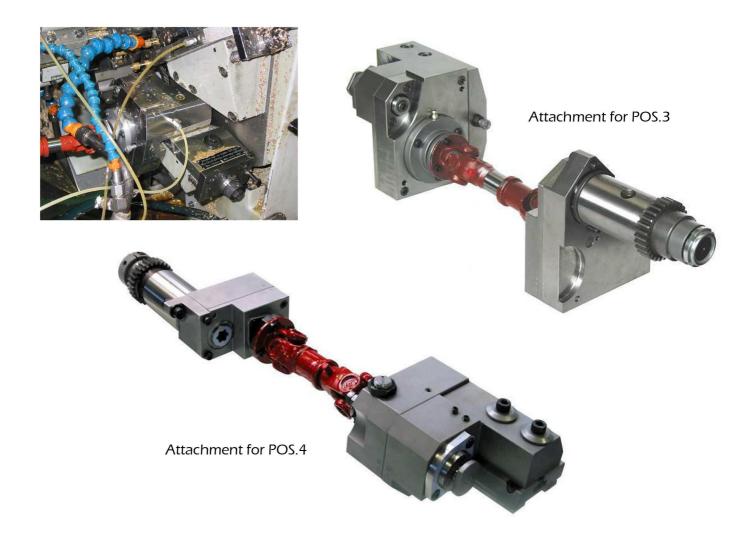
POLYGON-GENERATING AND THREAD-MILLING ATTACHMENT







This attachment is designed to mill flats (polygons) with a ratio speed of 1:2, or threads with a ratio speed of 1:1, on the external side of the component. You can change the ratio speed by replacing a couple of gears inside the Driving Gear-Box.





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SYNCHRO FRONTAL MILLING ATTACHMENT







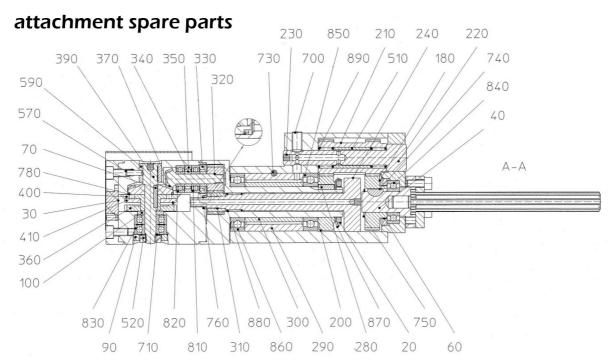


The attachment head rotates at the same speed of the bar.

So the milling disk has always the same orientation compared to component. When the tool touches the component, it can make a slot in centre (for screwdriver) or off-centre, or it can make an external flat.

Using two milling disks it makes two slots or even two external flats (for key).







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RECESSING ATTACHMENT





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General spare part

R1/091 (086578) Return block



R1/090 (086232) Feed block

R1/004 (AS2417) Pick-Up Toggle







R1/031R











R1K/028 Pin (AS28233)



R1K/023P Pin (AS28245)



R1/032R Roller (AS14269)





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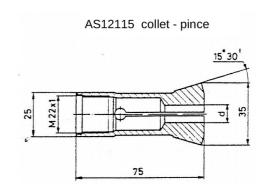
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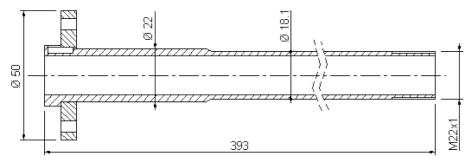
General spare part



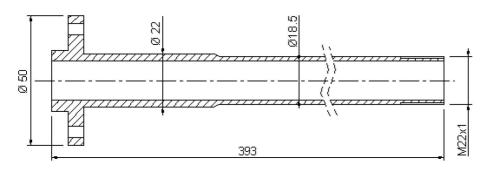
Ring and tooth for AS12/10-4 feed tube



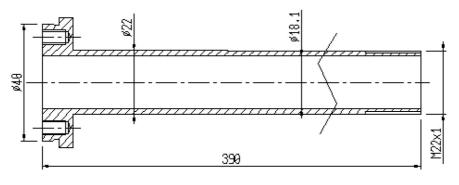




R1/010B (AS12/10-1) Standard collet tube



R1/010V (AS12/10-2) Collet tube for max 15mm dia. bar

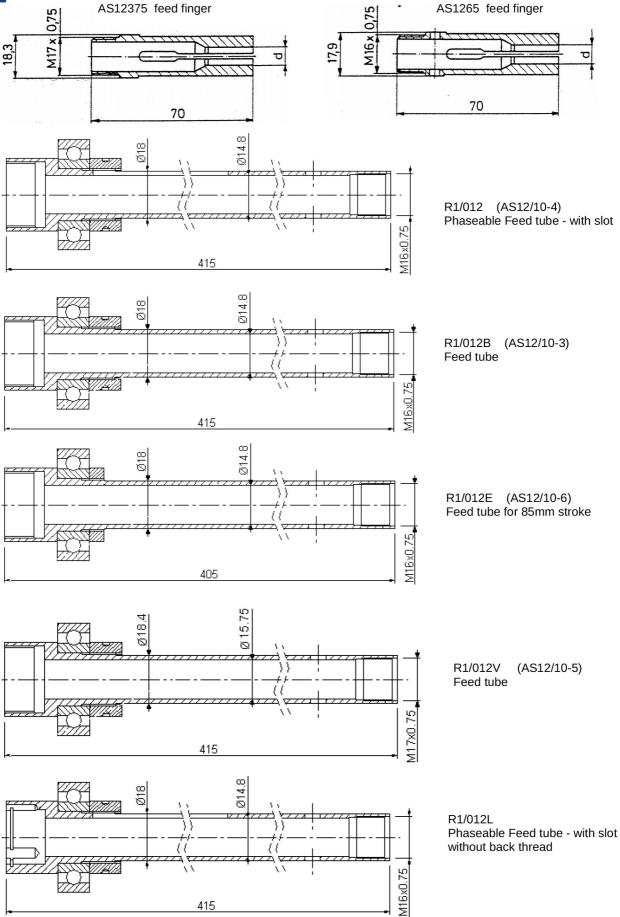


R1/010L Collet tube



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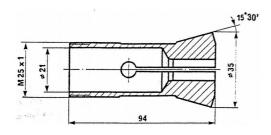




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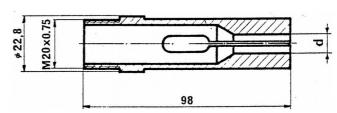
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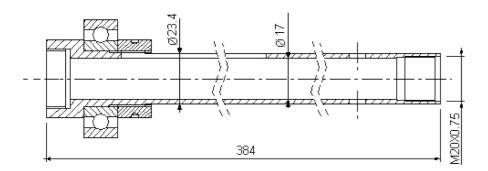
General spare part



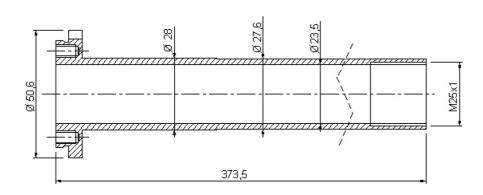
AS12607 collet

AS12611 feed finger





R2/012 (AS15/11-32) Standard feed tube



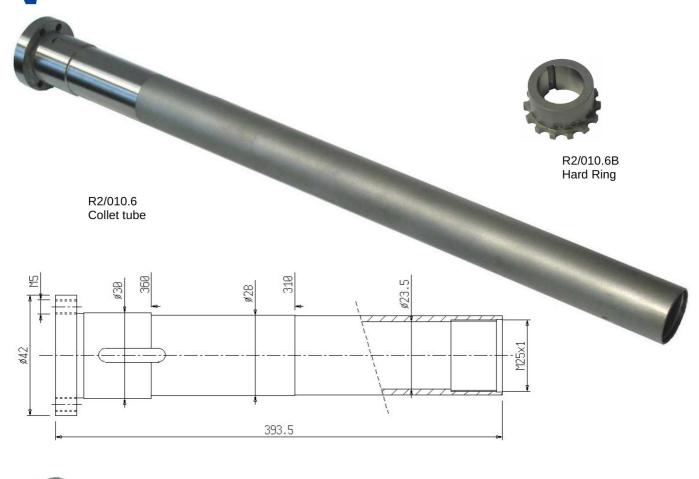
R2/010 (AS15/11-26) Collet tube for max 16mm dia. bar

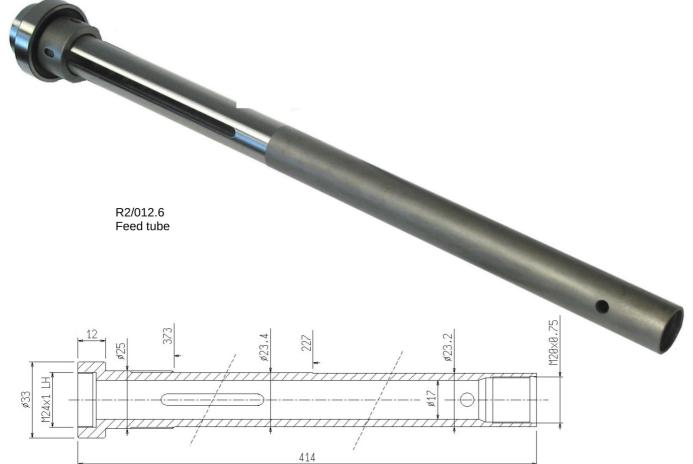




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Second-hand occasions

We work together with many machine dealers, therefore we have the chance to supply second-hand equipments in good conditions.



AS25/8 Slotting attachment

AS27/2 Rotating spindle fixed on centre block

