

LIVE CENTERS for

- ▼ Turning
- ▼ Grinding
- ▼ Gear Cutting



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HIGH QUALITY PRODUCTS
AT AFFORDABLE PRICES





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PTM is a leading manufacturer of standard and custom designed workholding products. PTM offers a wide variety of products with emphasis on Live Centers for Turning, Grinding and Gear Cutting, and Dead Centers and Face Drivers for Turning and Grinding. PTM has established its reputation and achieved its success by offering products that ensure **best performance**, **highest accuracy** and **longest life** while keeping prices low.

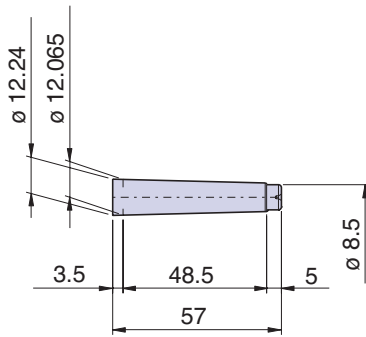
▼ **Best Performance:** Engineered for maximum tool clearance while providing the highest rigidity to the workpiece.

▼ **Highest Accuracy:** Utilizing high quality material and components, innovative design and manufacturing practices.

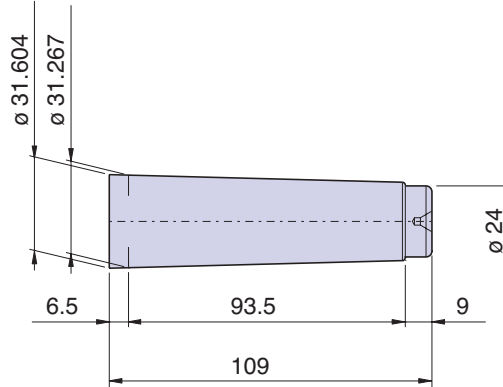
▼ **Longest Life:** All PTM products are manufactured to the highest standards and where required permanent lubricating grease and specially designed seals are used which guarantees to keep out fines and coolant including high pressure coolant.

Morse Taper Dimensions

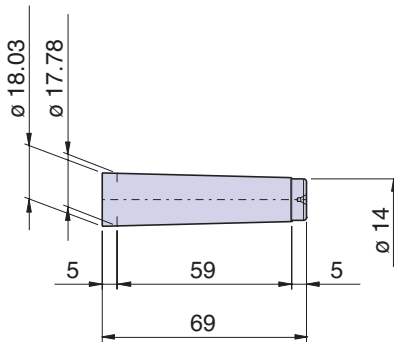
MT 1



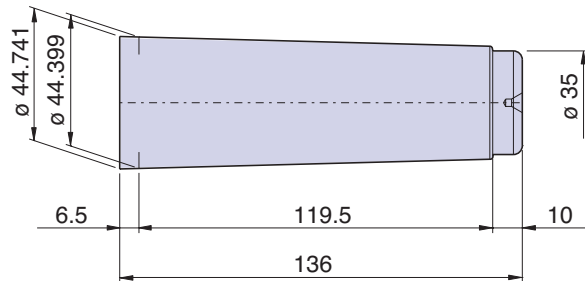
MT 4



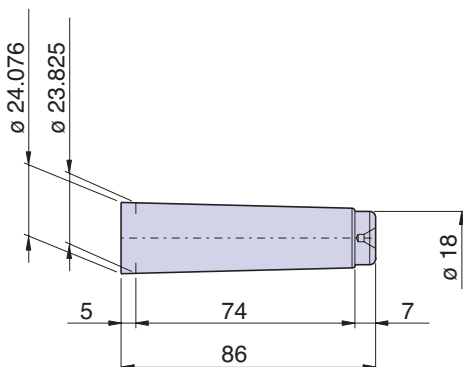
MT 2



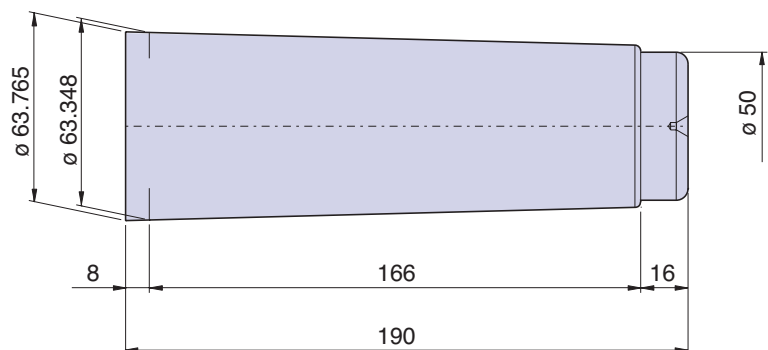
MT 5



MT 3

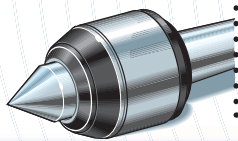


MT 6

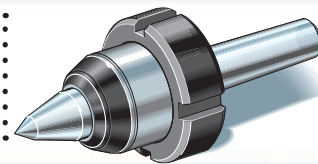


All Dimensions: mm

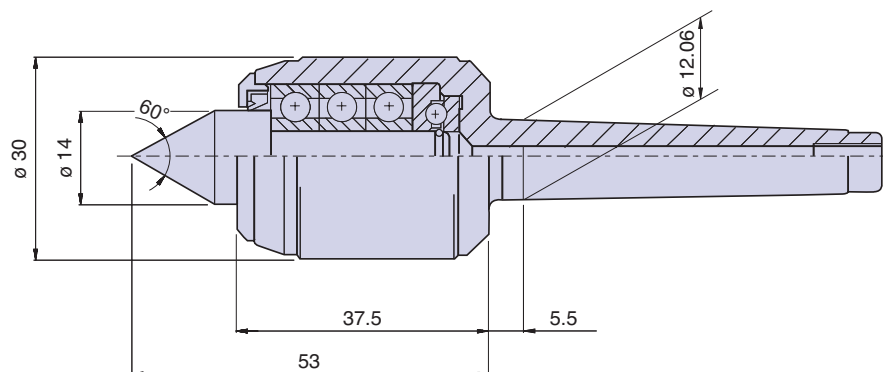
Live Centers: Turning Series



CN - CNC - CNB - CNE



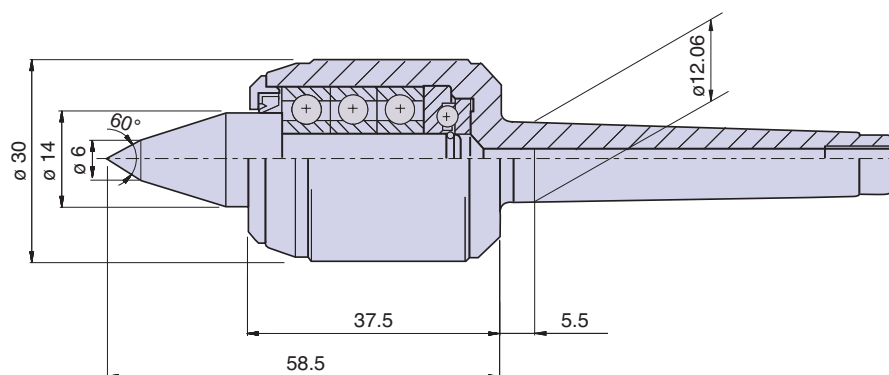
Live Center CN1/S (standard point) Morse taper 1



Model 30011

Max. Workpiece Weight	Kg 150
Accuracy	mm ±0.002
Max. R.P.M.	6000

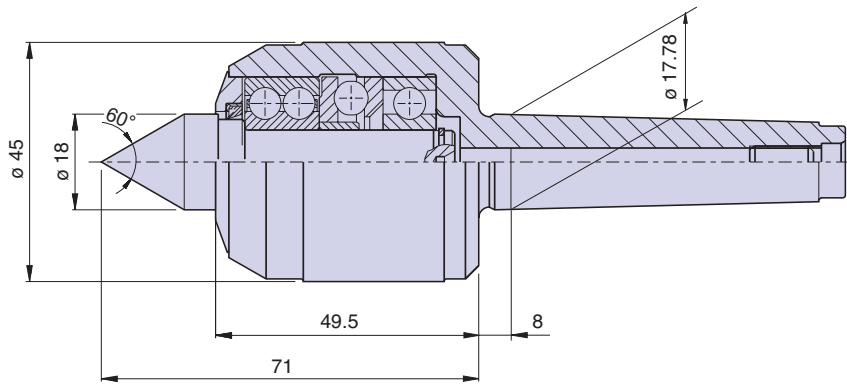
Live Center CN1/L (tracer point) Morse taper 1



Model 30031

Max. Workpiece Weight	Kg 130
Accuracy	mm ±0.002
Max. R.P.M.	6000

Live Center CN2/S (standard point) Morse taper 2



Model 30012

Max. Workpiece Weight Kg 400

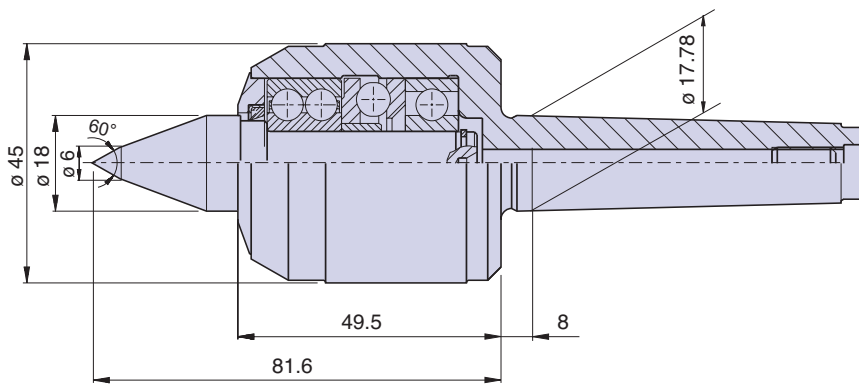
Accuracy mm ± 0.002

Max. R.P.M. 5500

Model *31032

*with Ring Nut

Live Center CN2/L (tracer point) Morse taper 2



Model 30032

Max. Workpiece Weight Kg 340

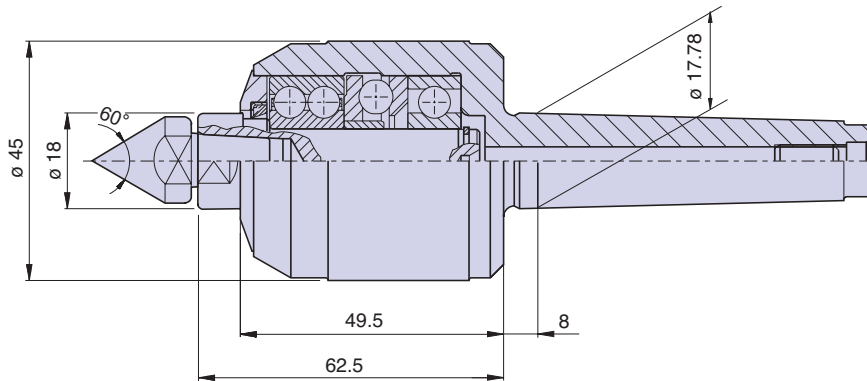
Accuracy mm ± 0.002

Max. R.P.M. 5500

Model *31042

*with Ring Nut

Live Center CN2/R (interchangeable point) Morse taper 2



Model 30022

Max. Workpiece Weight Kg 280

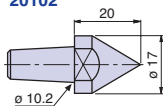
Accuracy mm ± 0.0025

Max. R.P.M. 5500

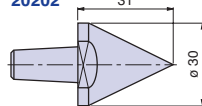
Model *31052

*with Ring Nut

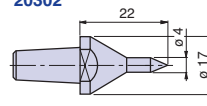
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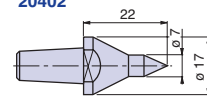
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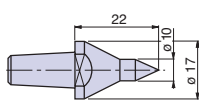
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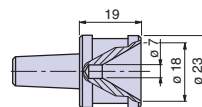
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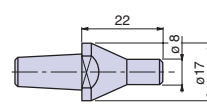
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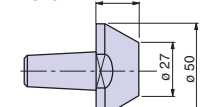
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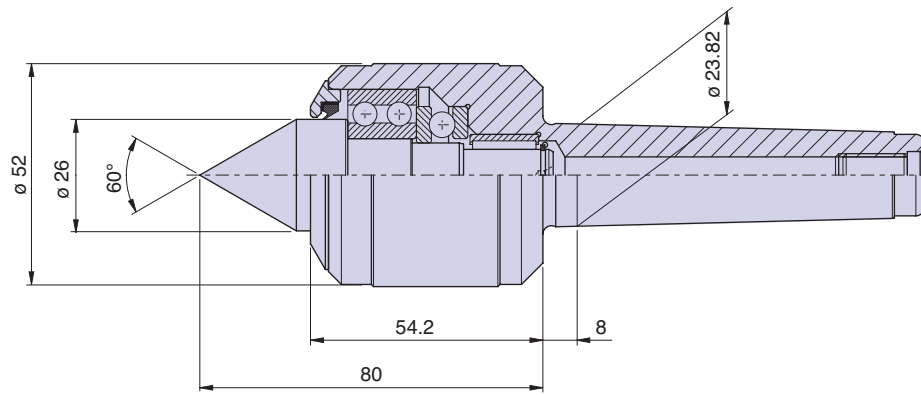
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20702



Live Center CN3/S (standard point) Morse taper 3



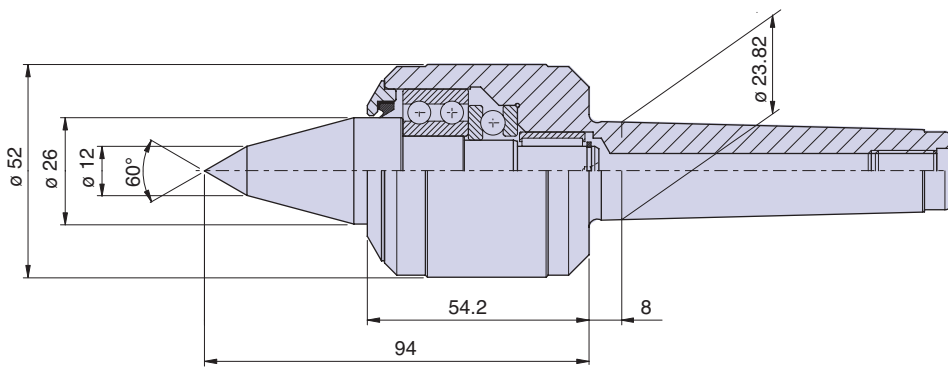
Model 50013

Max. Workpiece Weight	Kg 850
Accuracy	mm ±0.002
Max. R.P.M.	5500

Model *51013

*with Ring Nut

Live Center CN3/L (tracer point) Morse taper 3



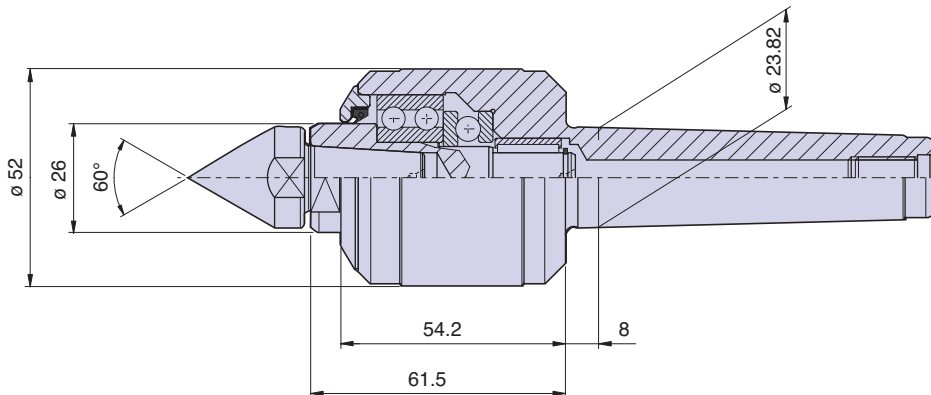
Model 50033

Max. Workpiece Weight	Kg 750
Accuracy	mm ±0.002
Max. R.P.M.	5500

Model *51033

*with Ring Nut

Live Center CN3/R (interchangeable point) Morse taper 3

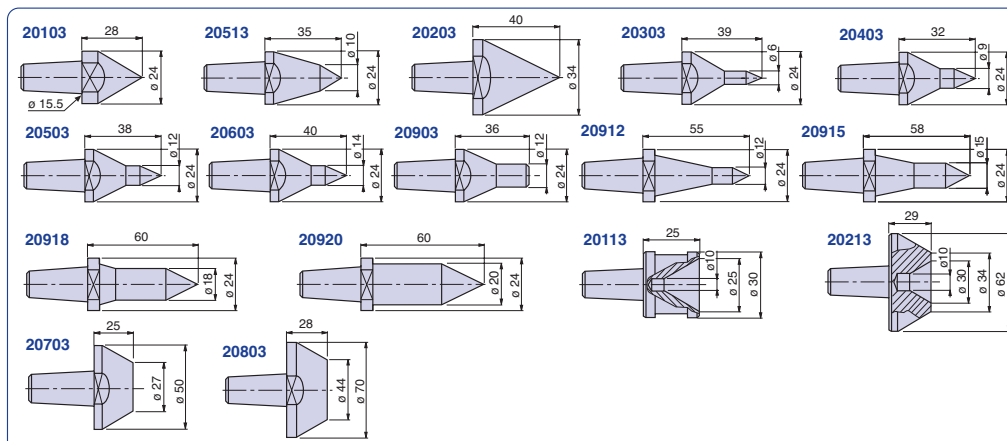


Model 50023

Max. Workpiece Weight	Kg 650
Accuracy	mm ±0.0025
Max. R.P.M.	5500

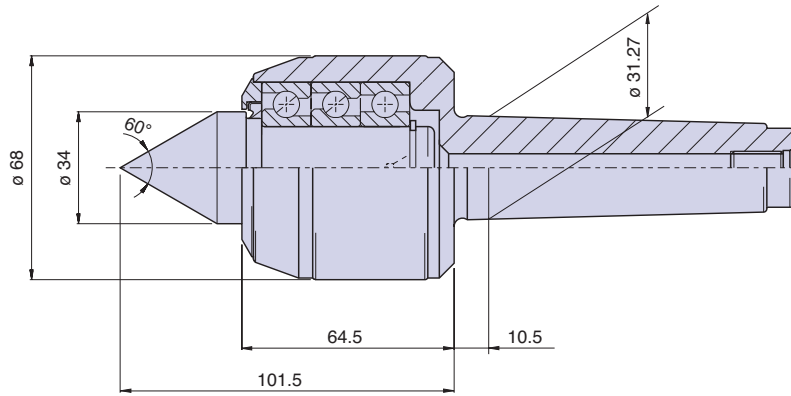
Model *51023

*with Ring Nut



All Dimensions: mm

Live Center CN4/S (standard point) Morse taper 4



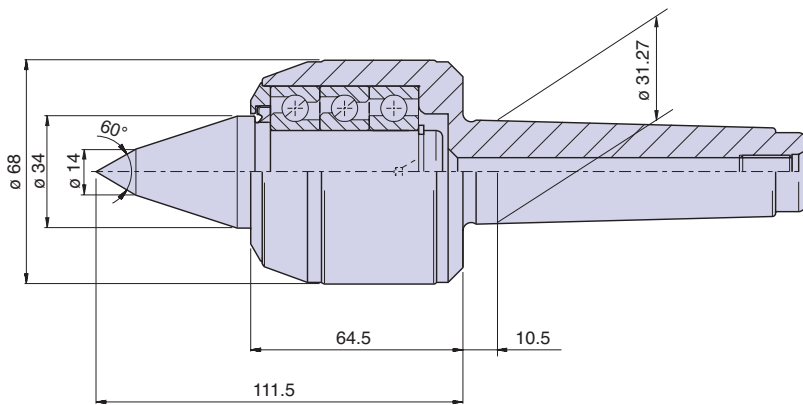
Model 30014

Max. Workpiece Weight	Kg 1000
Accuracy	mm ±0.002
Max. MAX R.P.M.	7000

Model *31034

*with Ring Nut

Live Center CN4/L (tracer point) Morse taper 4



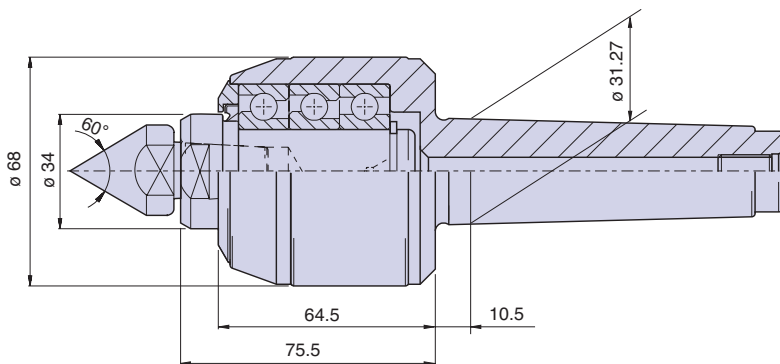
Model 30034

Max. Workpiece Weight	Kg 950
Accuracy	mm ±0.002
Max. R.P.M.	7000

Model *31044

*with Ring Nut

Live Center CN4/R (interchangeable point) Morse taper 4

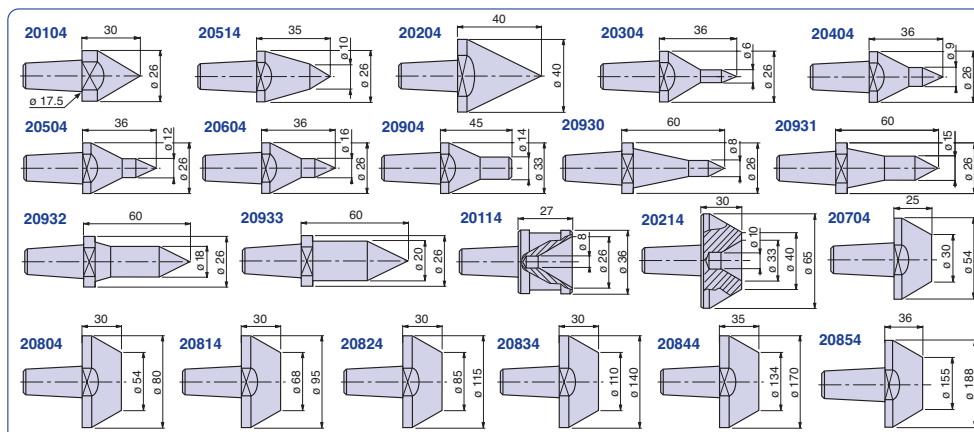


Model 30024

Max. Workpiece Weight	Kg 850
Accuracy	mm ±0.0025
Max. R.P.M.	7000

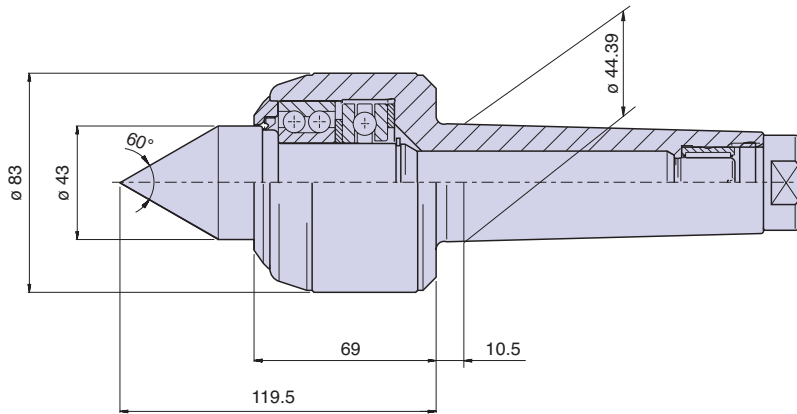
Model *31054

*with Ring Nut



All Dimensions: mm

Live Center CN5/S (standard point) Morse taper 5



Model

30015

Max. Workpiece Weight

Kg
3300

Accuracy

mm
±0.0015

Max. R.P.M.

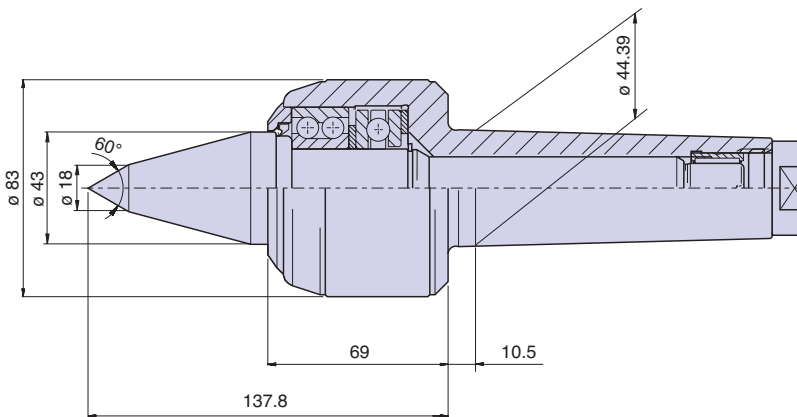
3200

Model

***31035**

*with Ring Nut

Live Center CN5/L (tracer point) Morse taper 5



Model

30035

Max. Workpiece Weight

Kg
2600

Accuracy

mm
±0.0015

Max. R.P.M.

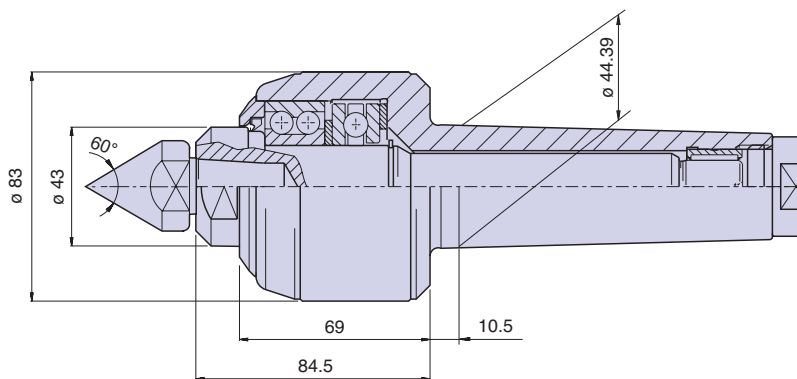
3200

Model

***31045**

*with Ring Nut

Live Center CN5/R (interchangeable point) Morse taper 5



Model

30025

Max. Workpiece Weight

Kg
2400

Accuracy

mm
±0.002

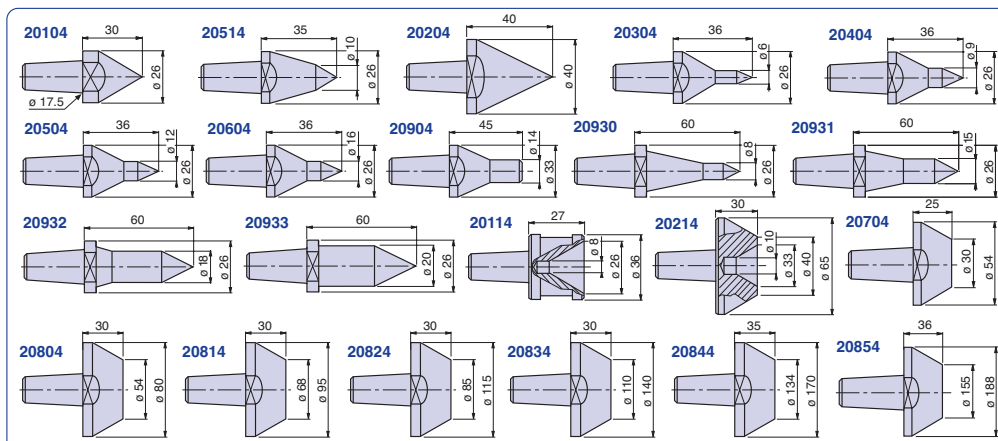
Max. R.P.M.

3200

Model

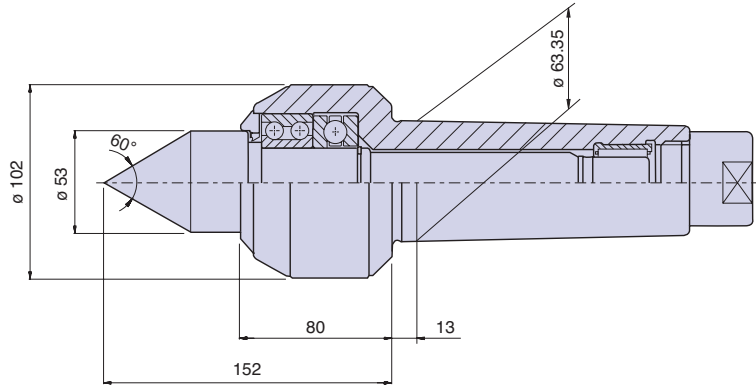
***31055**

*with Ring Nut



All Dimensions: mm

Live Center CN6/S (standard point) Morse taper 6



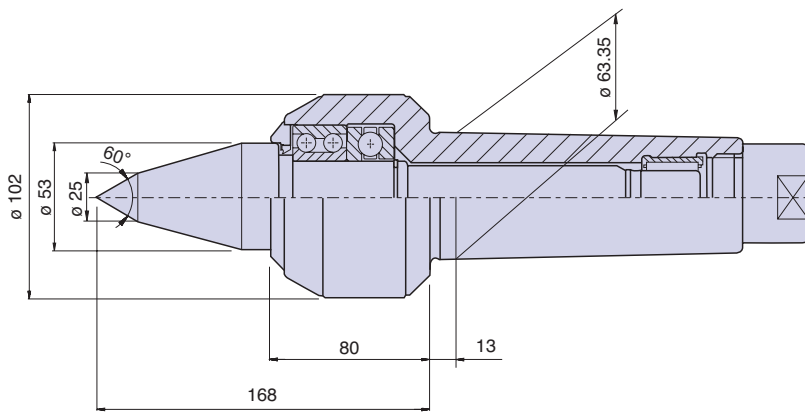
Model 30016

Max. Workpiece Weight	Kg 4400
Accuracy	mm ±0.0015
Max. R.P.M.	2500

Model *31036

*with Ring Nut

Live Center CN6/L (tracer point) Morse taper 6



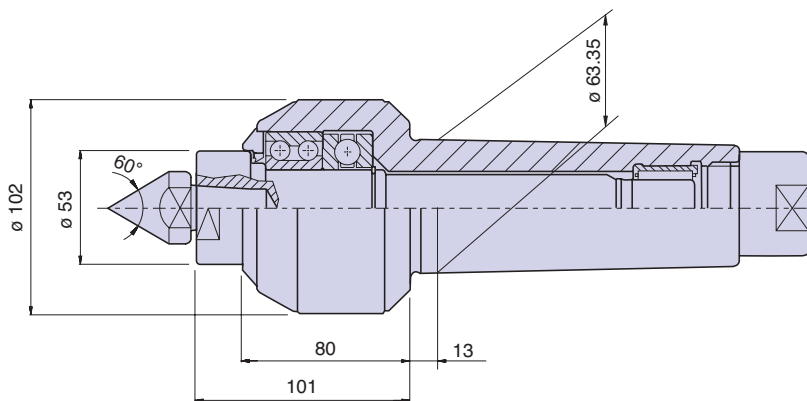
Model 30036

Max. Workpiece Weight	Kg 4000
Accuracy	mm ±0.0015
Max. R.P.M.	2500

Model *31046

*with Ring Nut

Live Center CN6/R (interchangeable point) Morse taper 6



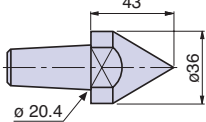
Model 30026

Max. Workpiece Weight	Kg 3700
Accuracy	mm ±0.002
Max. R.P.M.	2500

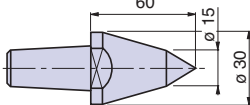
Model *31056

*with Ring Nut

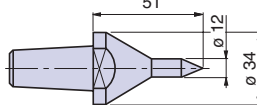
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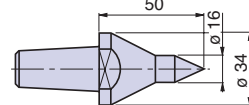
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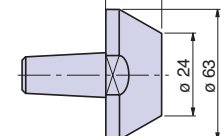
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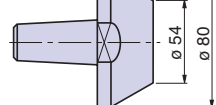
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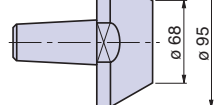
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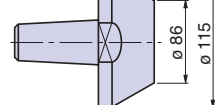
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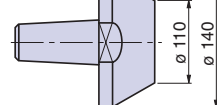
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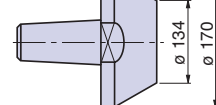
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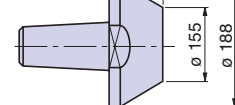
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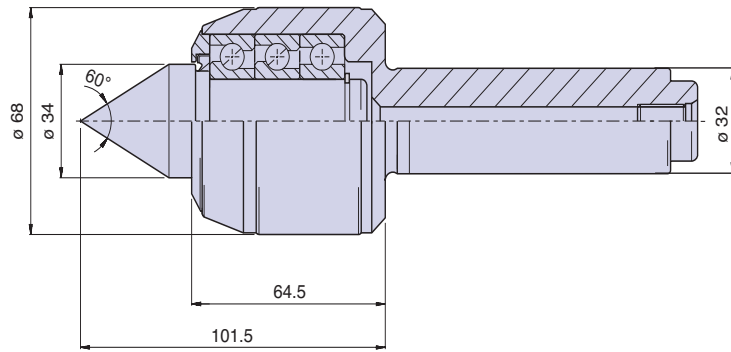
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20856



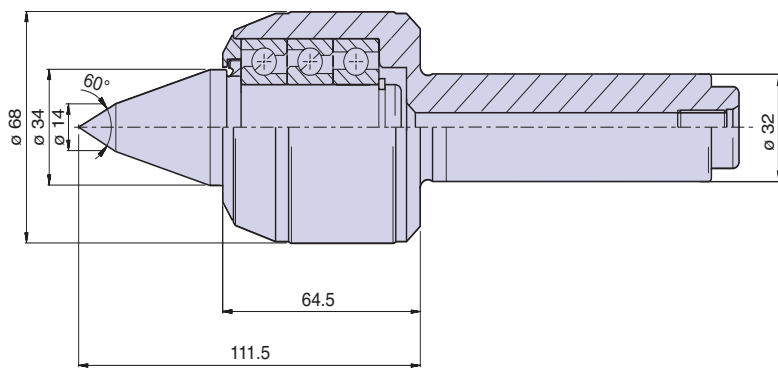
Live Center CNC4/S (standard point) Cylindrical



Model 34014

Max. Workpiece Weight	Kg 1000
Accuracy	mm ±0.002
Max. R.P.M.	7000

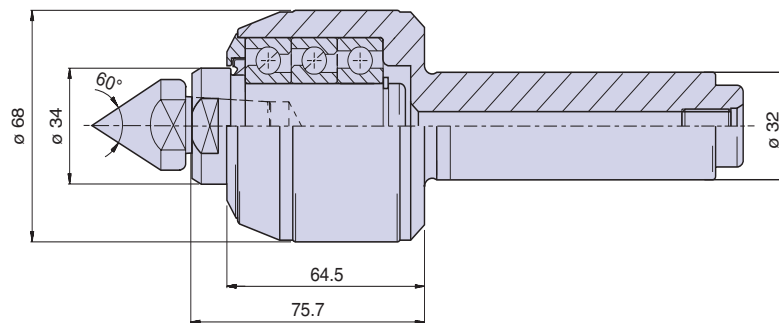
Live Center CNC4/L (tracer point) Cylindrical



Model 34034

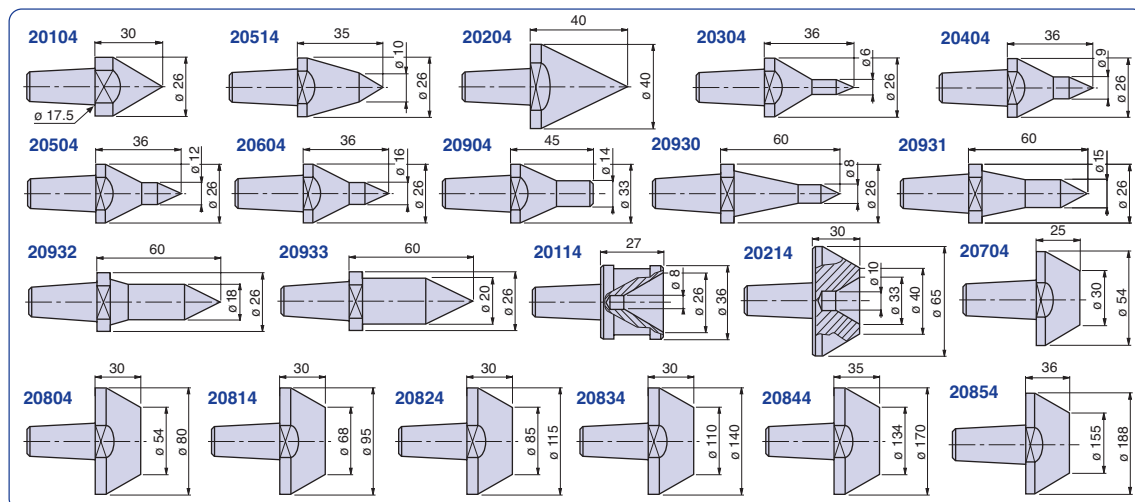
Max. Workpiece Weight	Kg 950
Accuracy	mm ±0.002
Max. R.P.M.	7000

Live Center CNC4/R (interchangeable point) Cylindrical



Model 34024

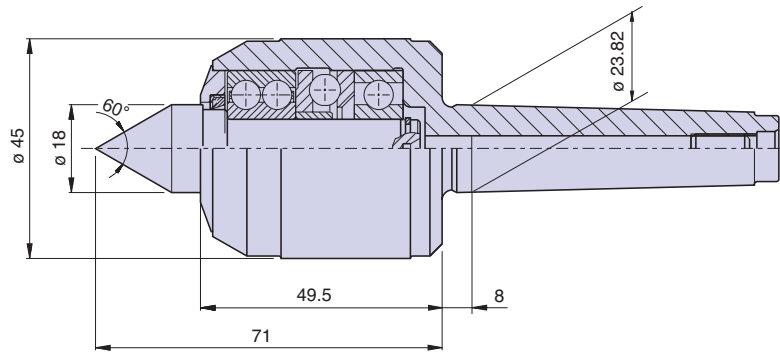
Max. Workpiece Weight	Kg 850
Accuracy	mm ±0.0025
Max. R.P.M.	7000



All Dimensions: mm

Turning : Series CNB (Reduced Head)

Live Center CNB3/S (standard point) Morse taper 3



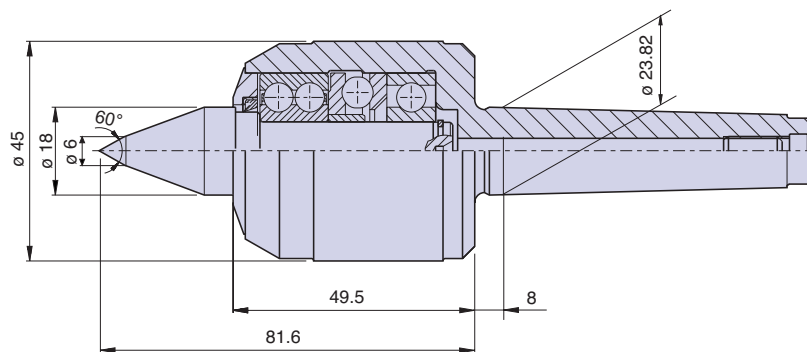
Model 35013

Max. Workpiece Weight	Kg 400
Accuracy	mm ±0.002
Max. R.P.M.	5500

Model *35113

*with Ring Nut

Live Center CNB3/L (tracer point) Morse taper 3



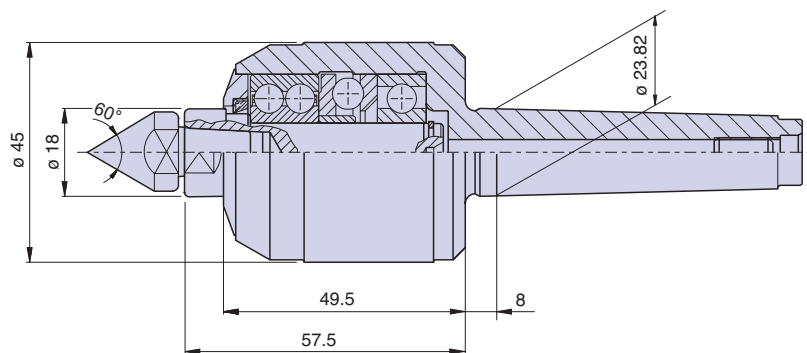
Model 35033

Max. Workpiece Weight	Kg 340
Accuracy	mm ±0.002
Max. R.P.M.	5500

Model *35133

*with Ring Nut

Live Center CNB3/R (interchangeable point) Morse taper 3



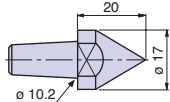
Model 35023

Max. Workpiece Weight	Kg 280
Accuracy	mm ±0.0025
Max. R.P.M.	5500

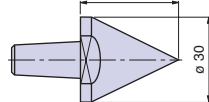
Model *35123

*with Ring Nut

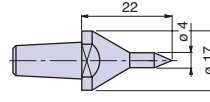
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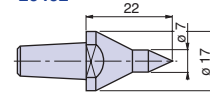
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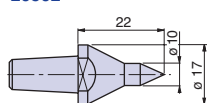
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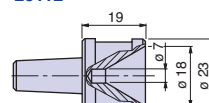
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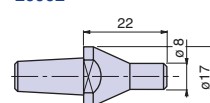
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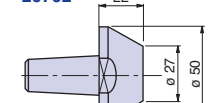
20112



20902



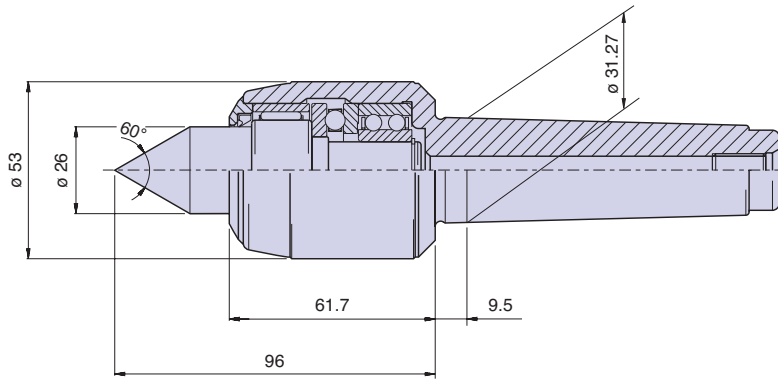
20702



All Dimensions: mm

Turning : Series CNB (Reduced Head)

Live Center CNB4/S (standard point) Morse taper 4



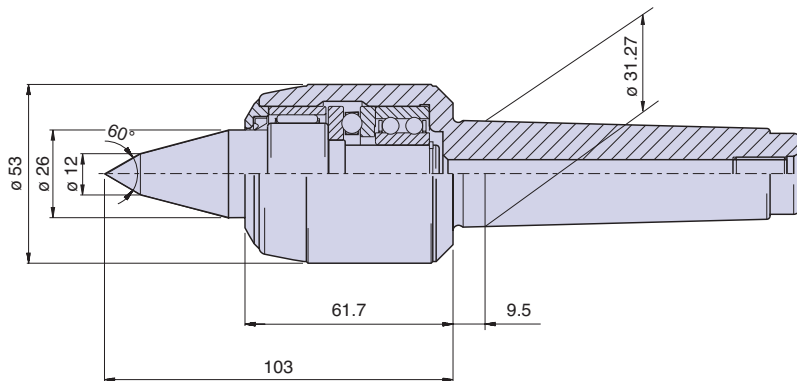
Model **35014**

Max. Workpiece Weight	Kg 850
Accuracy	mm ±0.002
Max. R.P.M.	5000

Model ***35114**

*with Ring Nut

Live Center CNB4/L (tracer point) Morse taper 4



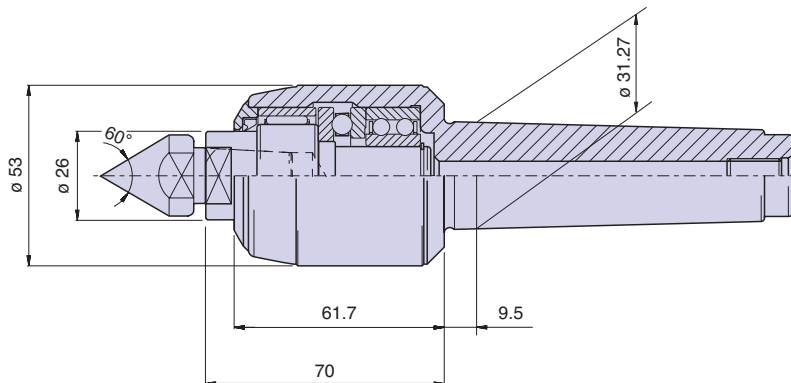
Model **35034**

Max. Workpiece Weight	Kg 750
Accuracy	mm ±0.002
Max. R.P.M.	5000

Model ***35134**

*with Ring Nut

Live Center CNB4/R (interchangeable point) Morse taper 4

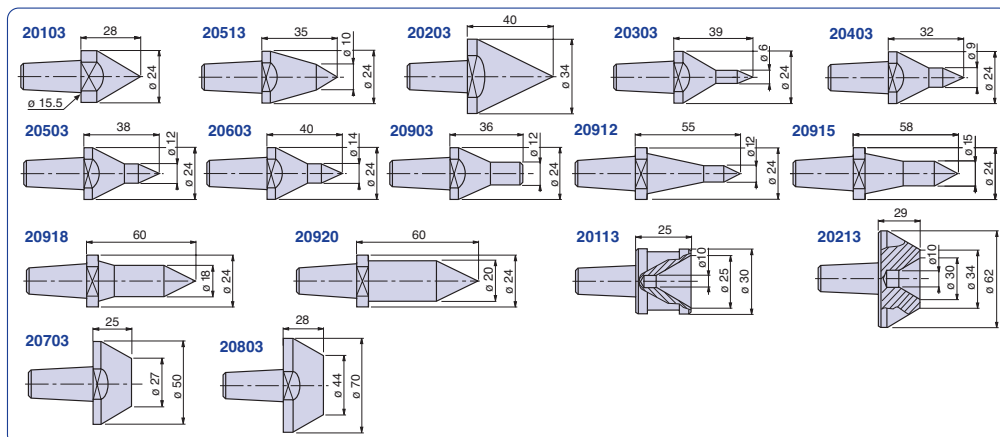


Model **35024**

Max. Workpiece Weight	Kg 650
Accuracy	mm ±0.0025
Max. R.P.M.	5000

Model ***35124**

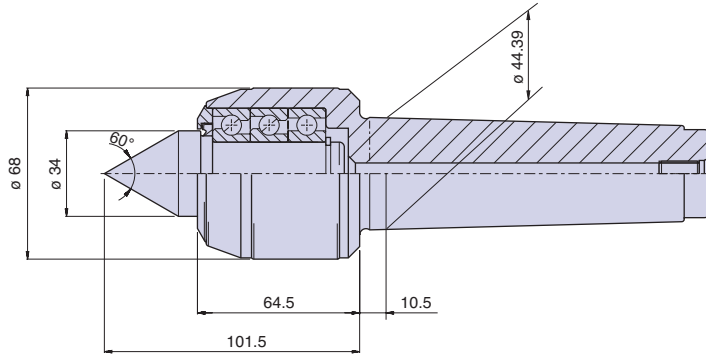
*with Ring Nut



All Dimensions: mm

Turning : Series CNB (Reduced Head)

Live Center CNB5/S (standard point) Morse taper 5



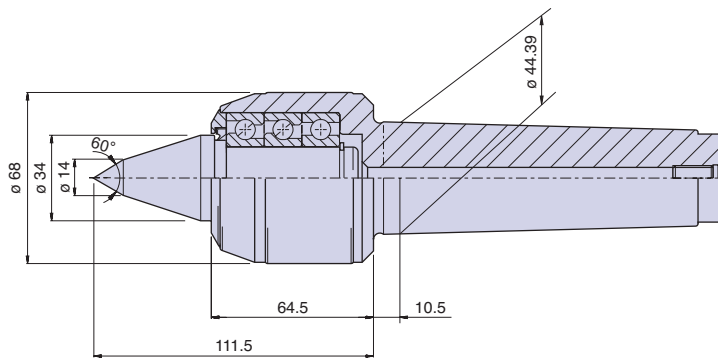
Model 35015

Max. Workpiece Weight	Kg 1000
Accuracy	mm ±0.002
Max. R.P.M.	7000

Model *35115

*with Ring Nut

Live Center CNB5/L (tracer point) Morse taper 5



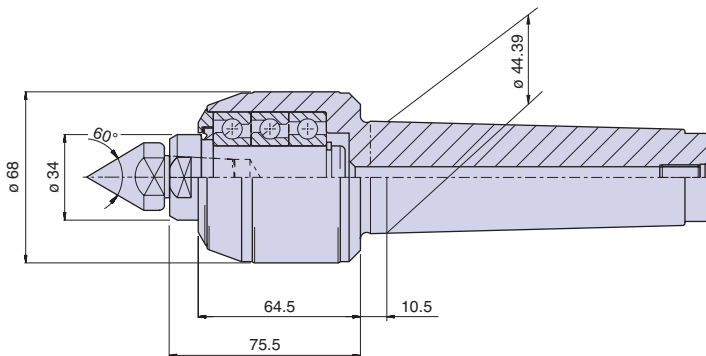
Model 35035

Max. Workpiece Weight	Kg 950
Accuracy	mm ±0.002
Max. R.P.M.	7000

Model *35135

*with Ring Nut

Live Center CNB5/R (interchangeable point) Morse taper 5

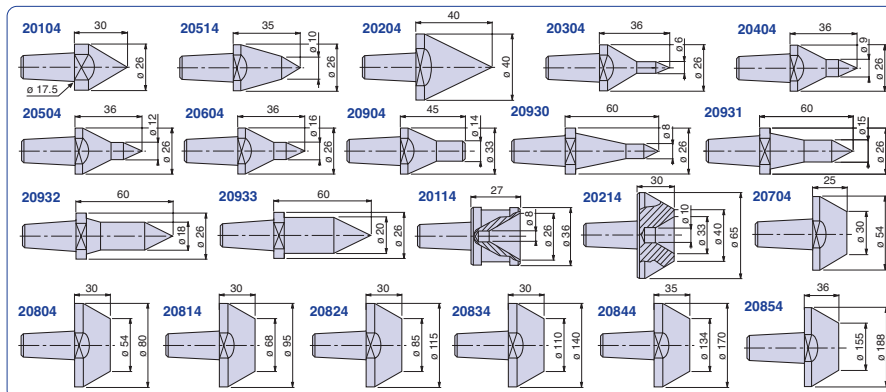


Model 35025

Max. Workpiece Weight	Kg 850
Accuracy	mm ±0.0025
Max. R.P.M.	7000

Model *35125

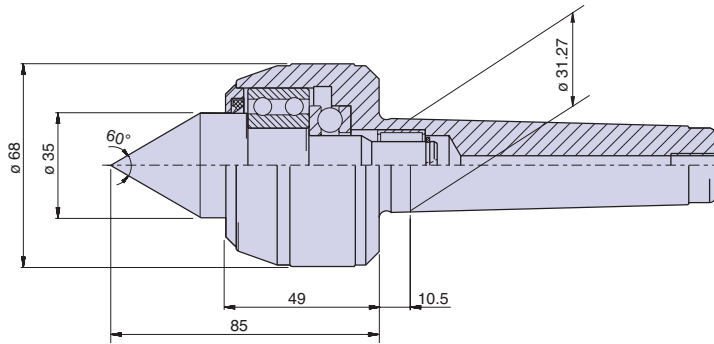
*with Ring Nut



All Dimensions: mm

Turning : Series CNE (Extended Spindle)

Live Center CNE4/S (standard point) Morse taper 4



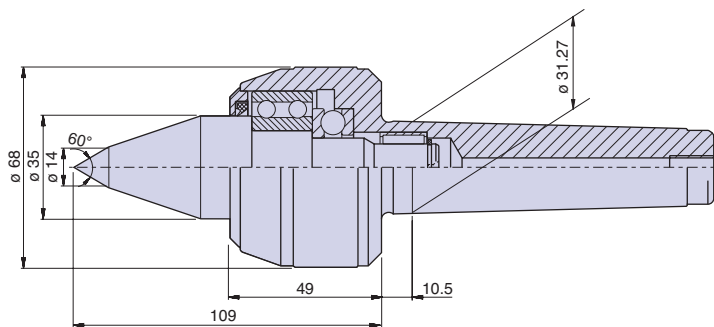
Model 50014

Max. Workpiece Weight	Kg 1200
Accuracy	mm ±0.0015
Max. R.P.M.	4500

Model *51014

*with Ring Nut

Live Center CNE4/L (tracer point) Morse taper 4



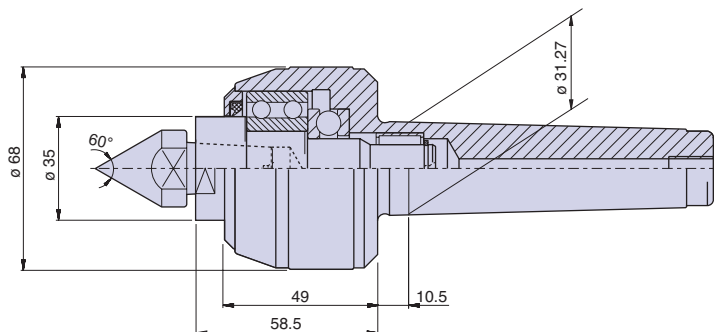
Model 50034

Max. Workpiece Weight	Kg 1150
Accuracy	mm ±0.0015
Max. R.P.M.	4500

Model *51034

*with Ring Nut

Live Center CNE4/R (interchangeable point) Morse taper 4

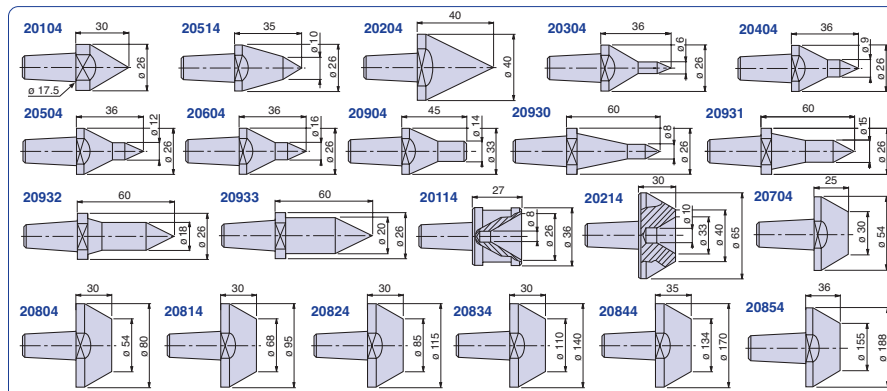


Model 50024

Max. Workpiece Weight	Kg 1000
Accuracy	mm ±0.002
Max. R.P.M.	4500

Model *51024

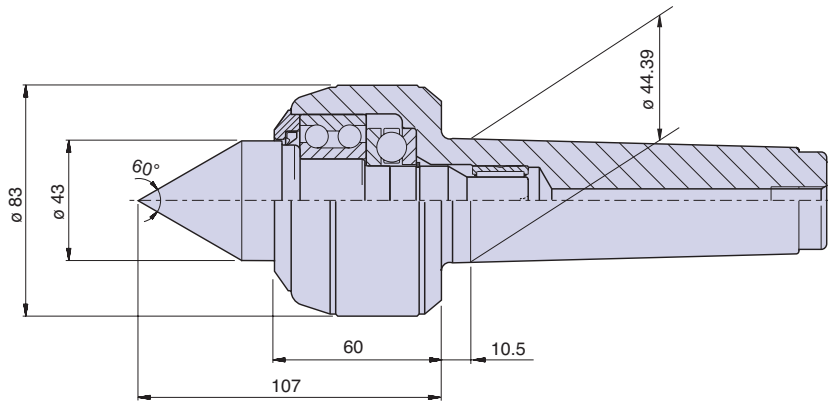
*with Ring Nut



All Dimensions: mm

Turning : Series CNE (Extended Spindle)

Live Center CNE5/S (standard point) Morse taper 5



Model 50015

Max. Workpiece Weight Kg 2300

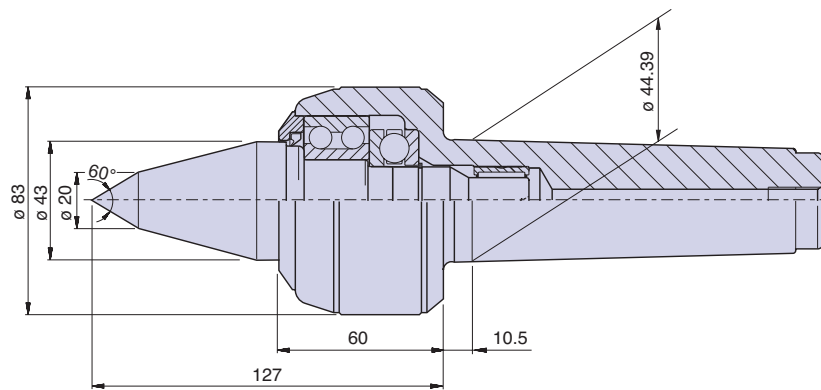
Accuracy mm ± 0.0015

Max. R.P.M. 3500

Model *51015

*with Ring Nut

Live Center CNE5/L (tracer point) Morse taper 5



Model 50035

Max. Workpiece Weight Kg 2000

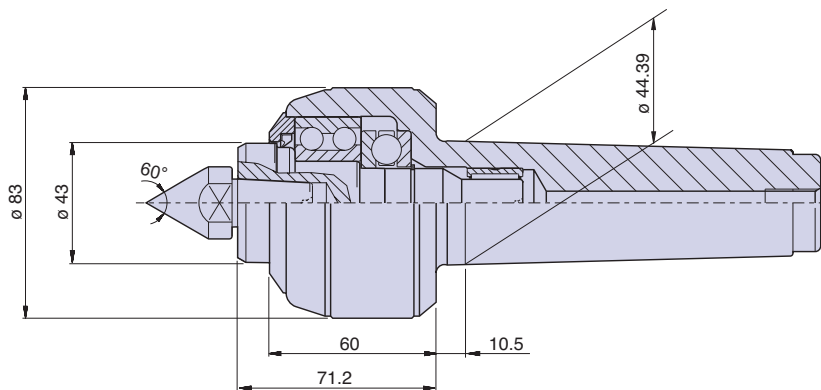
Accuracy mm ± 0.0015

Max. R.P.M. 3500

Model *51035

*with Ring Nut

Live Center CNE5/R (interchangeable point) Morse taper 5



Model 50025

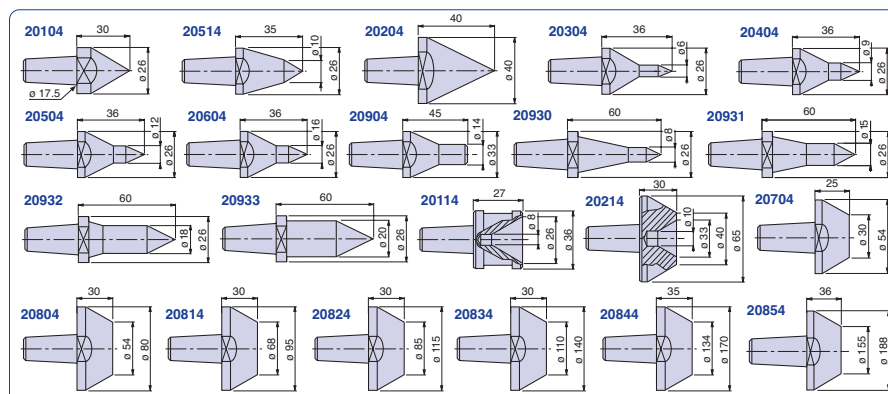
Max. Workpiece Weight Kg 1900

Accuracy mm ± 0.002

Max. R.P.M. 3500

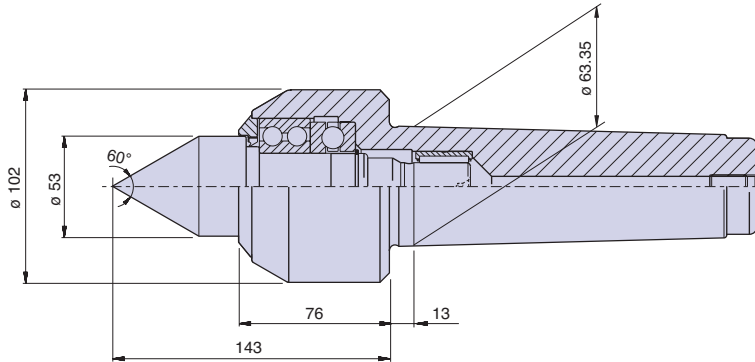
Model *51025

*with Ring Nut



All Dimensions: mm

Live Center CNE6/S (standard point) Morse taper 6



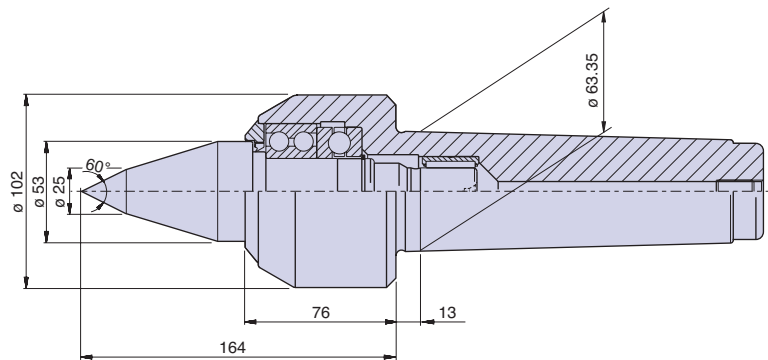
Model 50016

Max. Workpiece Weight	Kg 3500
Accuracy	mm ±0.0015
Max. R.P.M.	3000

Model *51016

*with Ring Nut

Live Center CNE6/L (tracer point) Morse taper 6



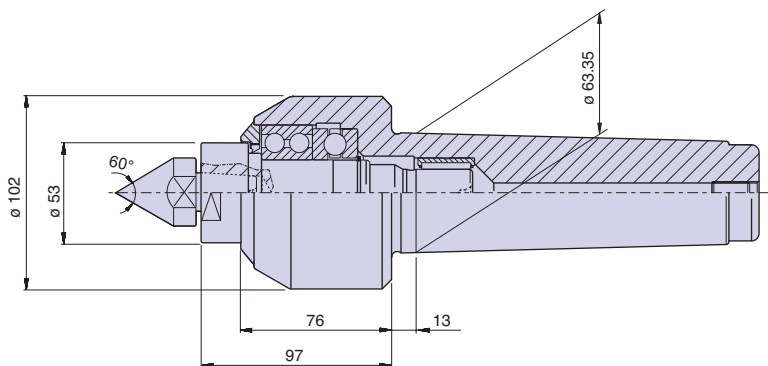
Model 50036

Max. Workpiece Weight	Kg 3100
Accuracy	mm ±0.0015
Max. R.P.M.	3000

Model *51036

*with Ring Nut

Live Center CNE6/R (interchangeable point) Morse taper 6

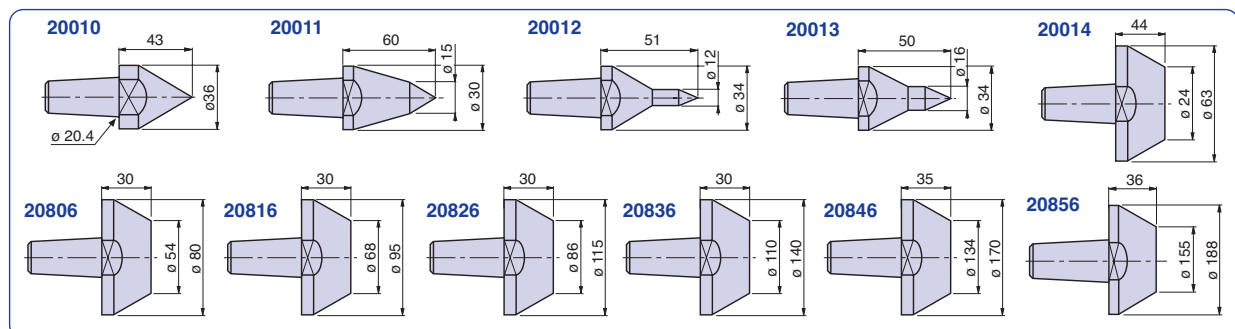


Model 50026

Max. Workpiece Weight	Kg 2900
Accuracy	mm ±0.002
Max. R.P.M.	3000

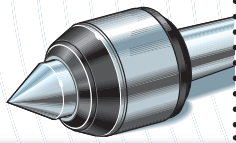
Model *51026

*with Ring Nut



All Dimensions: mm

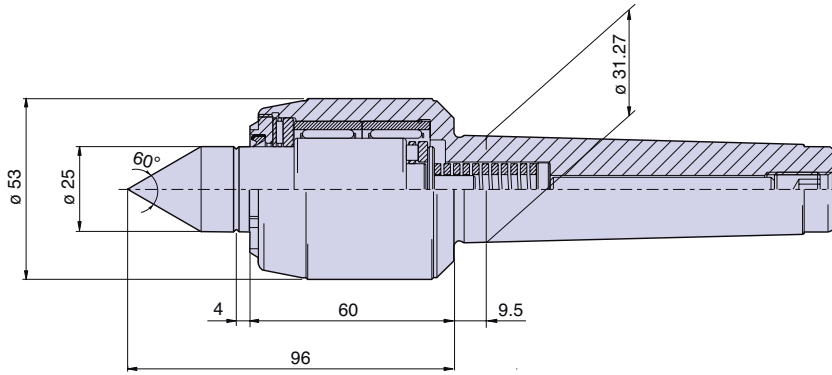
Live Centers: Turning Series



CM
Variable Axial Load



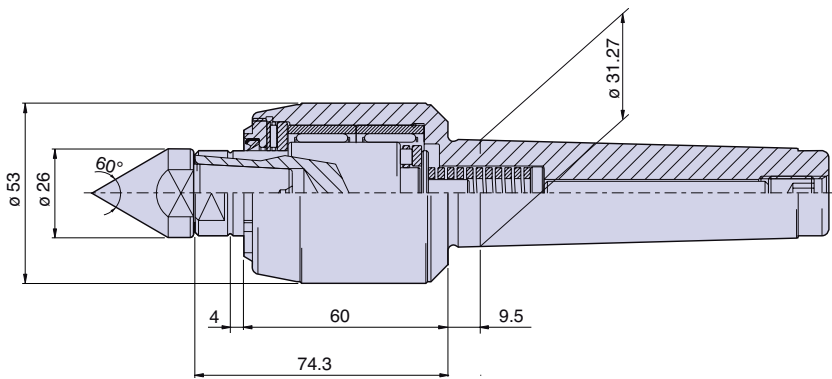
Live Center CM4 (standard point) Morse taper 4



Model 38014

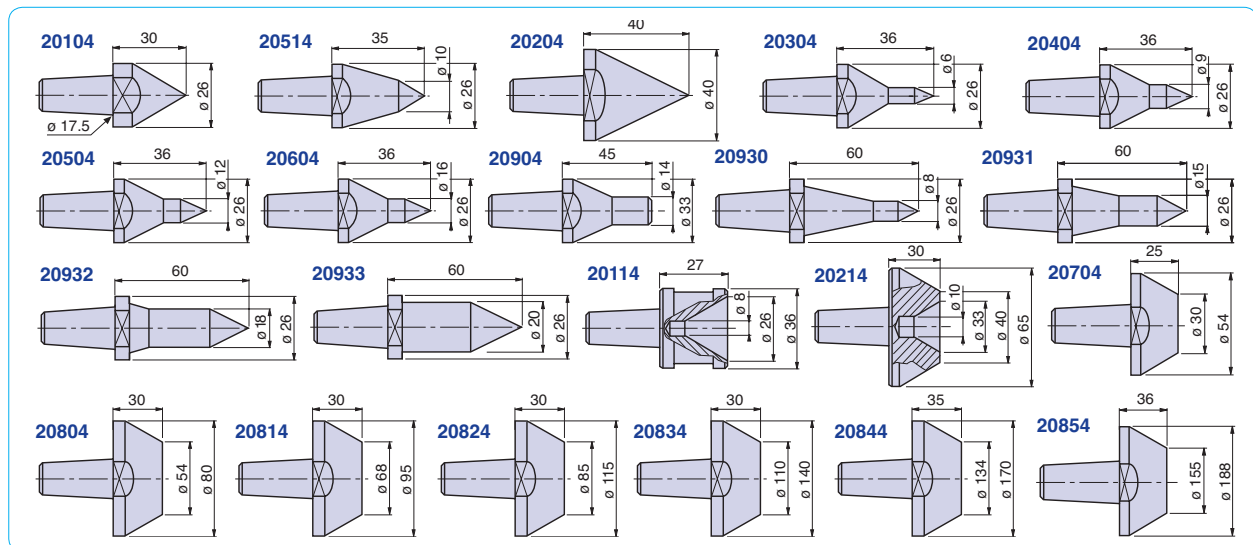
Max. Workpiece Weight	Kg 800
Accuracy	mm ±0.0025
Max. R.P.M.	3000

Live Center CM4 (interchangeable point) Morse taper 4

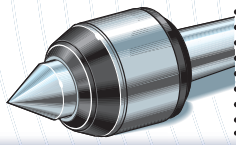


Model 38024

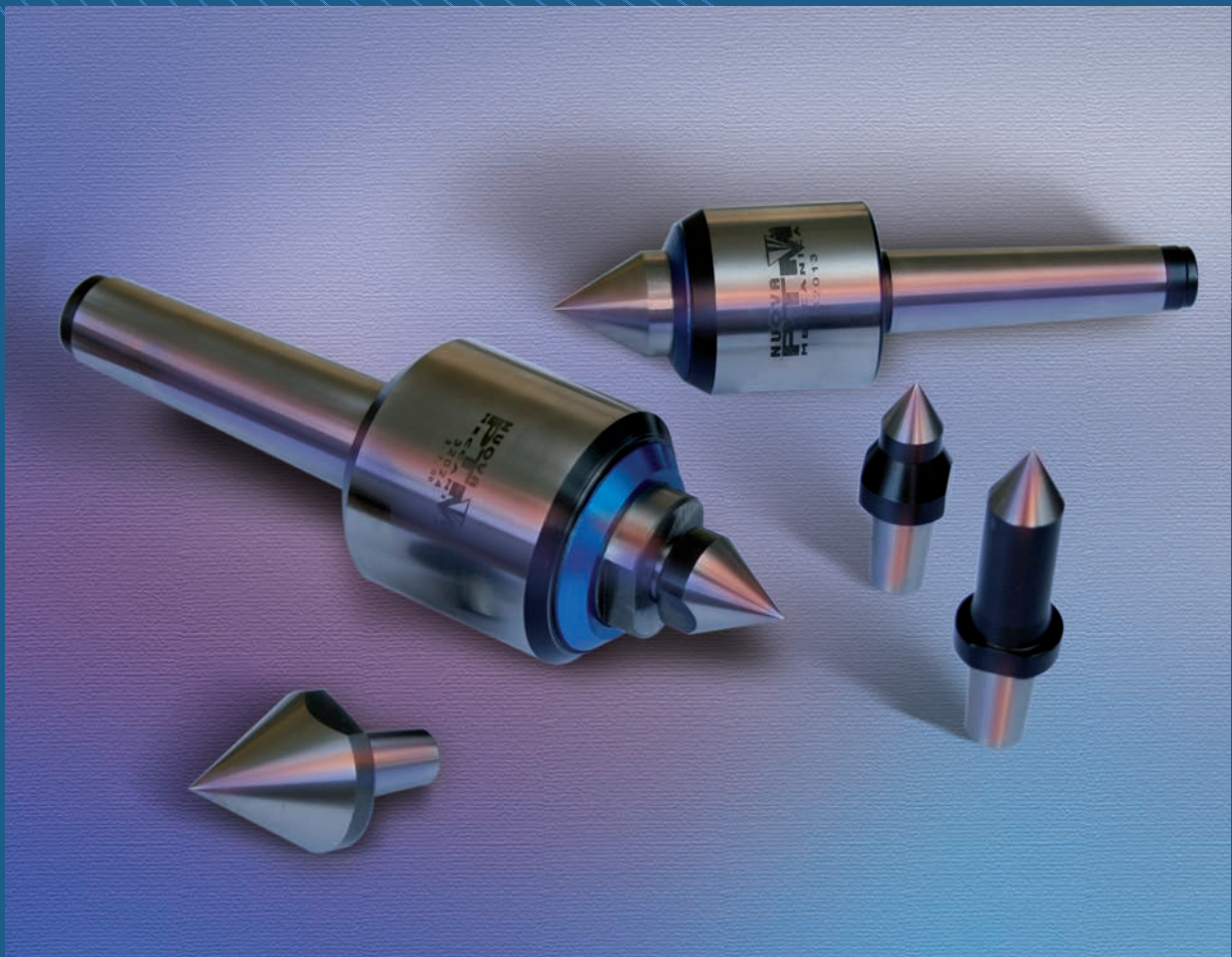
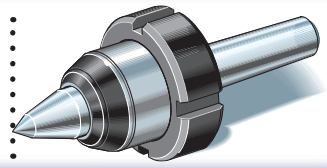
Max. Workpiece Weight	Kg 800
Accuracy	mm ±0.0025
Max. R.P.M.	3000



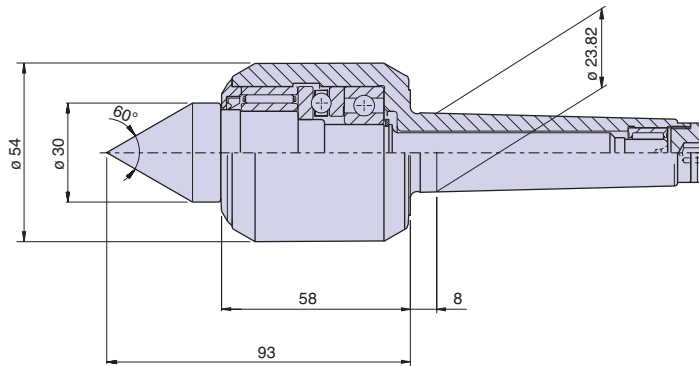
Live Centers: Turning/Grinding Series



CSF
Heavy Loads



Live Center CSF3/S (standard point) Morse taper 3



Model

32013

Max. Workpiece Weight Kg 2000

Accuracy mm ± 0.001

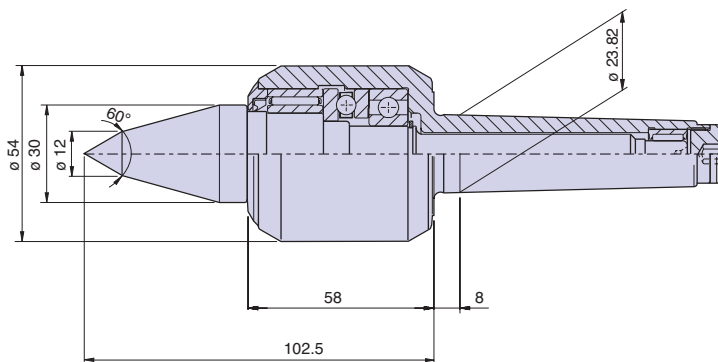
Max. R.P.M. 5000

Model

***G32013**

*with Ring Nut

Live Center CSF3/L (tracer point) Morse taper 3



Model

32033

Max. Workpiece Weight Kg 1600

Accuracy mm ± 0.001

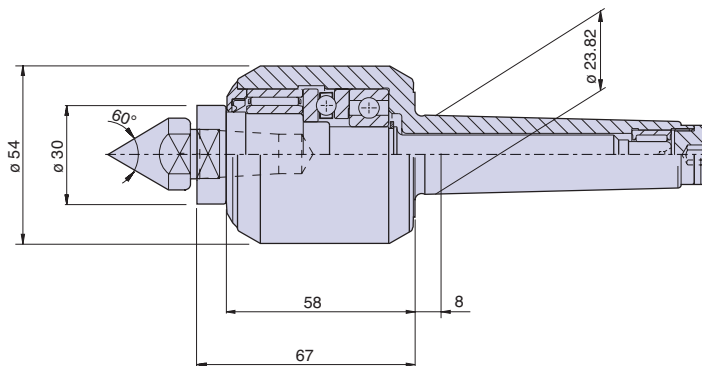
Max. R.P.M. 5000

Model

***G32033**

*with Ring Nut

Live Center CSF3/R (interchangeable point) Morse taper 3



Model

32023

Max. Workpiece Weight Kg 1400

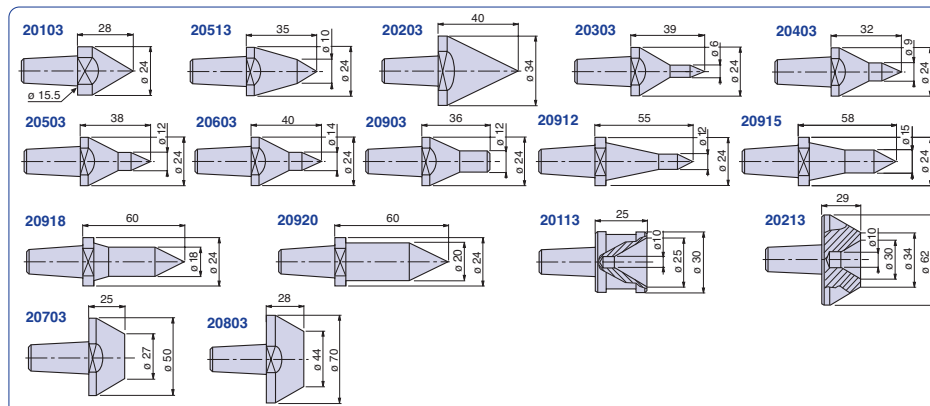
Accuracy mm ± 0.0015

Max. R.P.M. 5000

Model

***G32023**

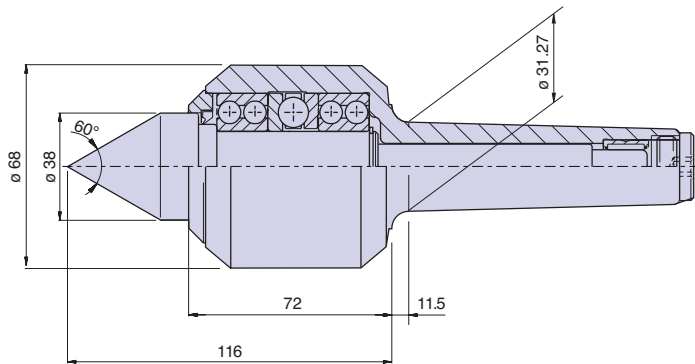
*with Ring Nut



All Dimensions: mm

Turning/Grinding : Series CSF - Heavy Loads (Full Length Spindle)

Live Center CSF4/S (standard point) Morse taper 4



Model

32014

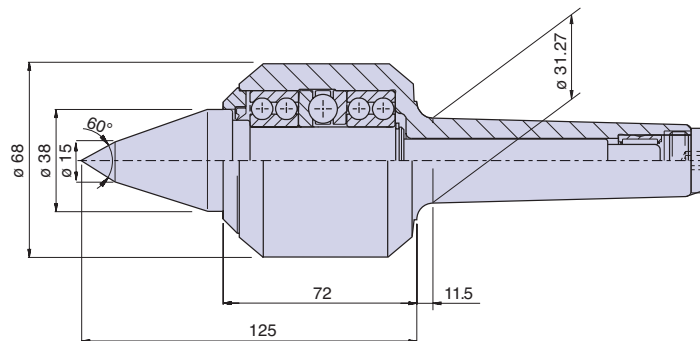
Max. Workpiece Weight	Kg 2300
Accuracy	mm ±0.001
Max. R.P.M.	4000

Model

***G32014**

*with Ring Nut

Live Center CSF4/L (tracer point) Morse taper 4



Model

32034

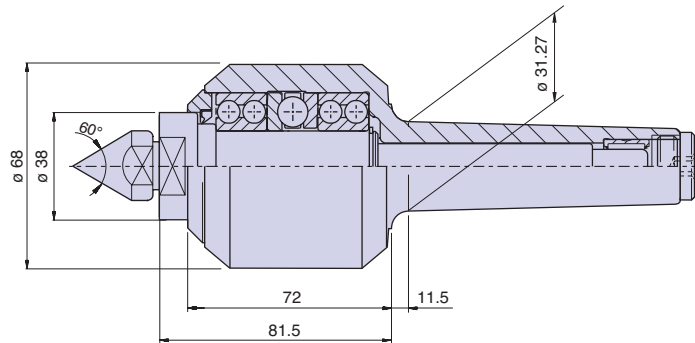
Max. Workpiece Weight	Kg 2000
Accuracy	mm ±0.001
Max. R.P.M.	4000

Model

***G32034**

*with Ring Nut

Live Center CSF4/R (interchangeable point) Morse taper 4



Model

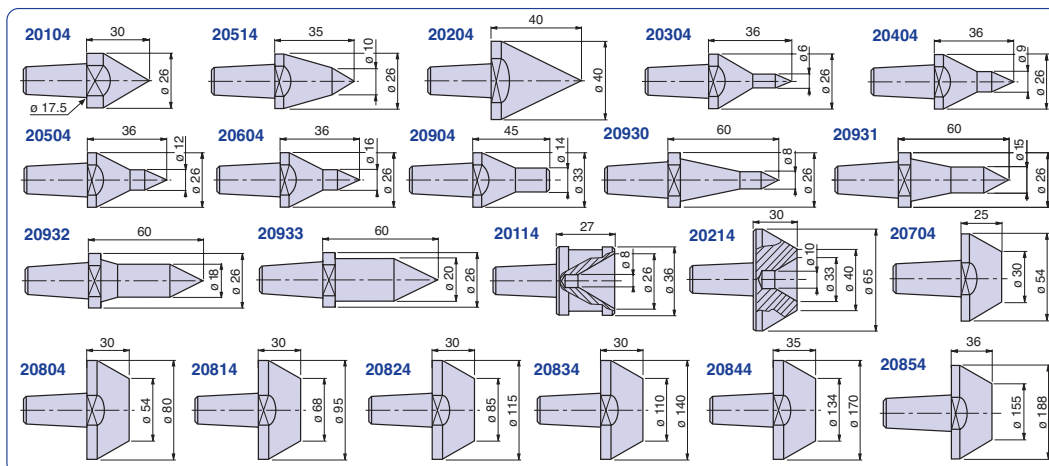
32024

Max. Workpiece Weight	Kg 1700
Accuracy	mm ±0.0015
Max. R.P.M.	4000

Model

***G32024**

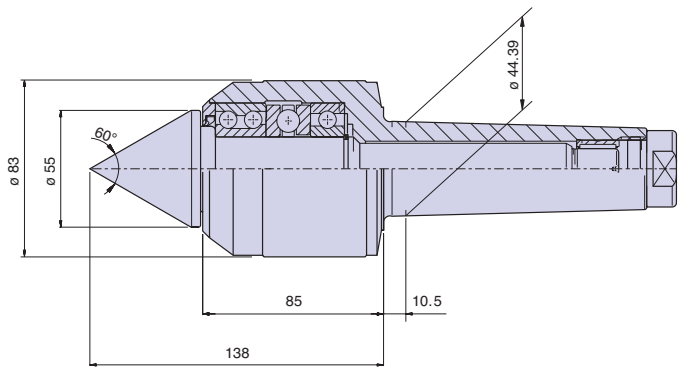
*with Ring Nut



All Dimensions: mm

Turning/Grinding : Series CSF - Heavy Loads (Full Length Spindle)

Live Center CSF5/S (standard point) Morse taper 5



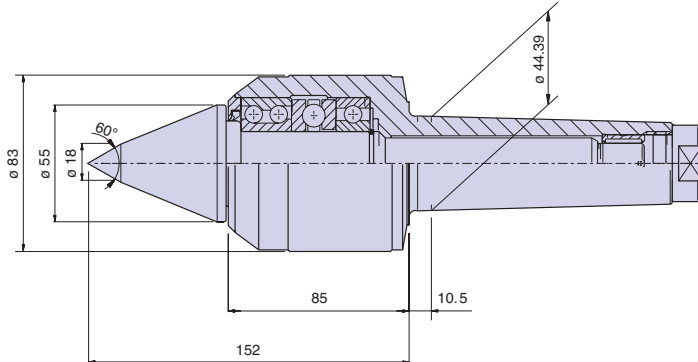
Model 32015

Max. Workpiece Weight	Kg 3700
Accuracy	mm ±0.001
Max. R.P.M.	3000

Model *G32015

*with Ring Nut

Live Center CSF5/L (tracer point) Morse taper 5



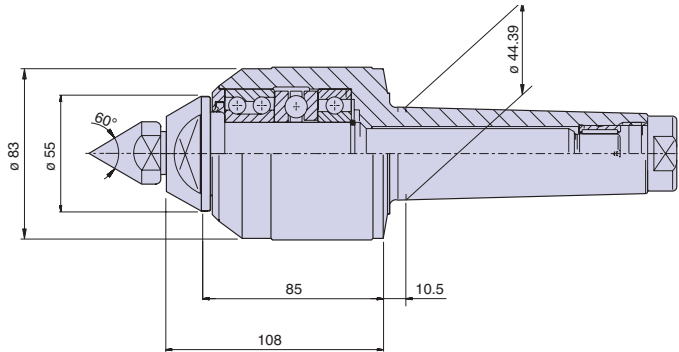
Model 32035

Max. Workpiece Weight	Kg 3200
Accuracy	mm ±0.001
Max. R.P.M.	3000

Model *G32035

*with Ring Nut

Live Center CSF5/R (interchangeable point) Morse taper 5

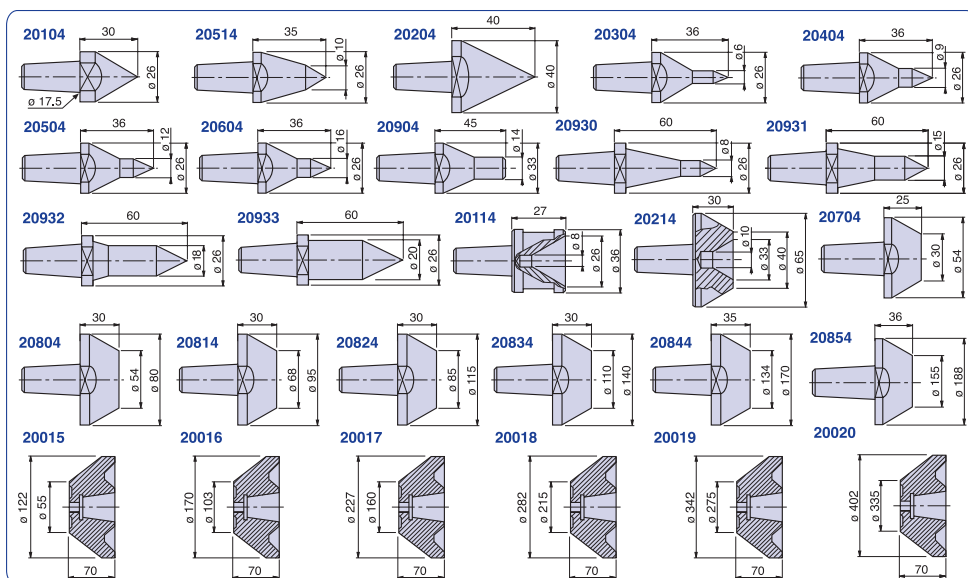


Model 32025

Max. Workpiece Weight	Kg 2900
Accuracy	mm ±0.0015
Max. R.P.M.	3000

Model *G32025

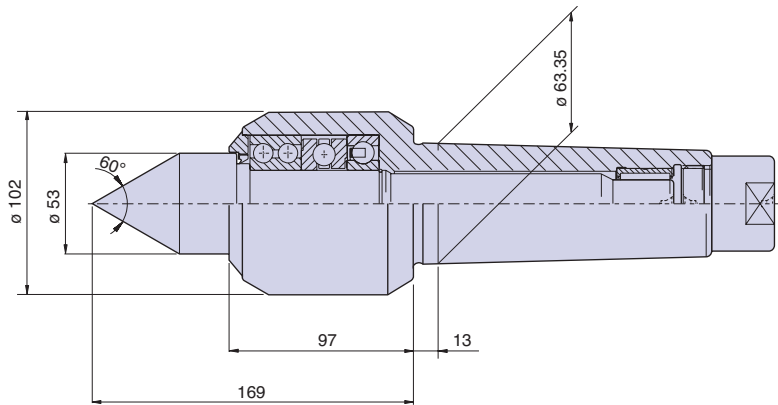
*with Ring Nut



All Dimensions: mm

Turning/Grinding : Series CSF - Heavy Loads (Full Length Spindle)

Live Center CSF6/S (standard point) Morse taper 6



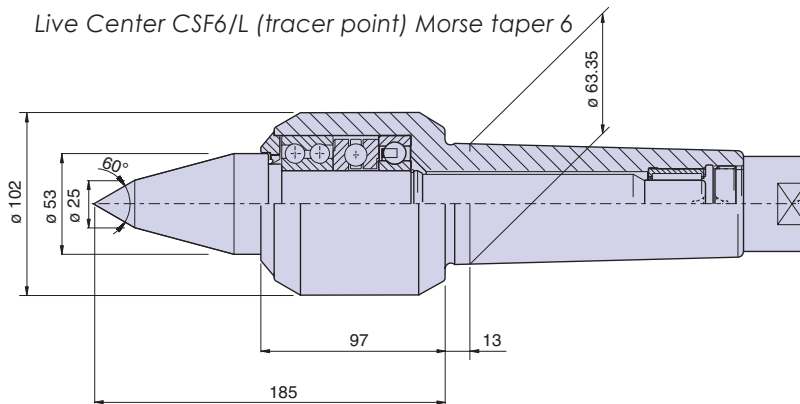
Model 32016

Max. Workpiece Weight	Kg 4900
Accuracy	mm ±0.001
Max. R.P.M.	2200

Model *G32016

*with Ring Nut

Live Center CSF6/L (tracer point) Morse taper 6



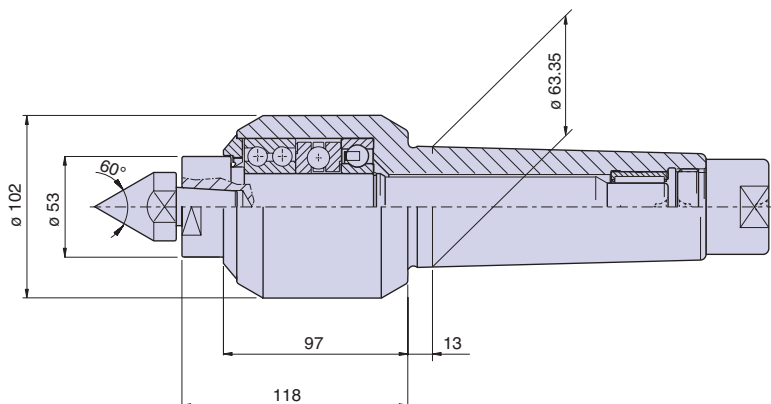
Model 32036

Max. Workpiece Weight	Kg 4400
Accuracy	mm ±0.001
Max. R.P.M.	2200

Model *G32036

*with Ring Nut

Live Center CSF6/R (interchangeable point) Morse taper 6

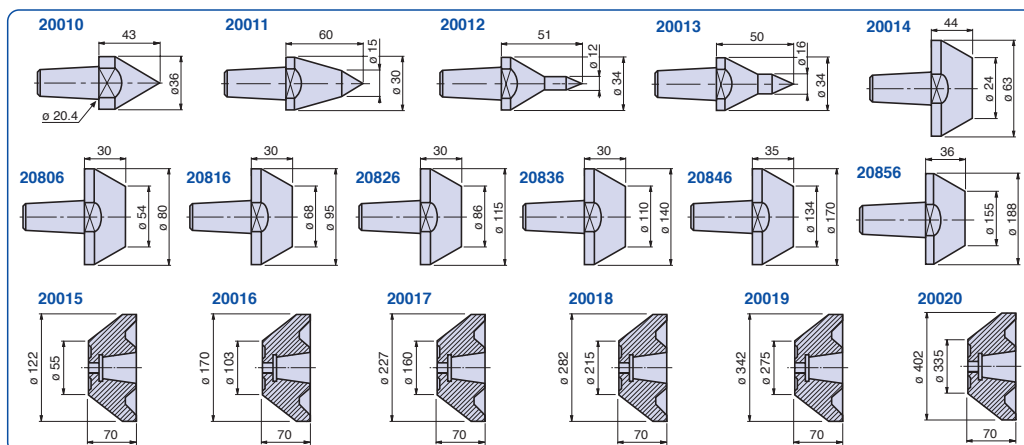


Model 32026

Max. Workpiece Weight	Kg 4100
Accuracy	mm ±0.0015
Max. R.P.M.	2200

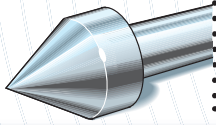
Model *G32026

*with Ring Nut



All Dimensions: mm

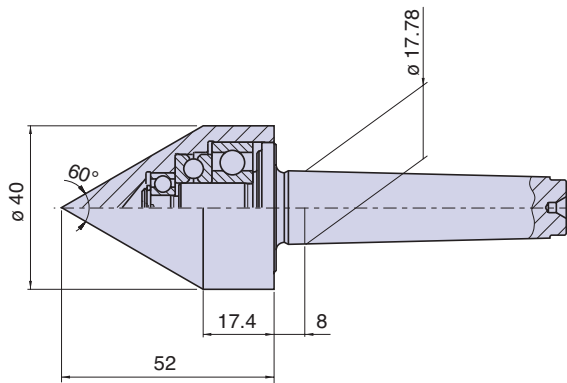
Live Centers: Turning/Grinding Series



WK
High Precision/High Speed



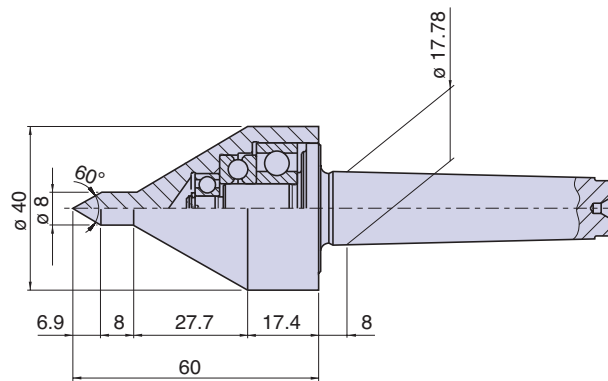
Live Center WK2 Morse taper 2



Model 90202

Max. Workpiece Weight	Kg 800
Accuracy	mm ±0.0005
Max. R.P.M.	9000

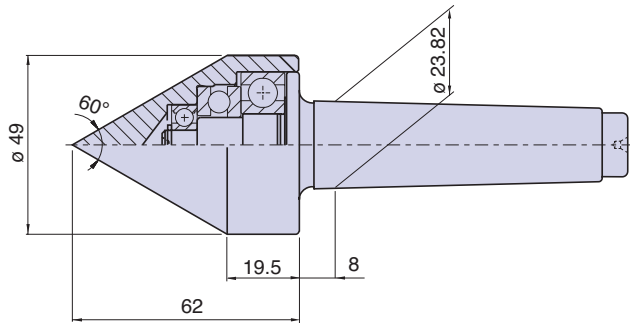
Live Center WK12 Morse taper 2



Model 90212

Max. Workpiece Weight	Kg 700
Accuracy	mm ±0.0005
Max. R.P.M.	9000

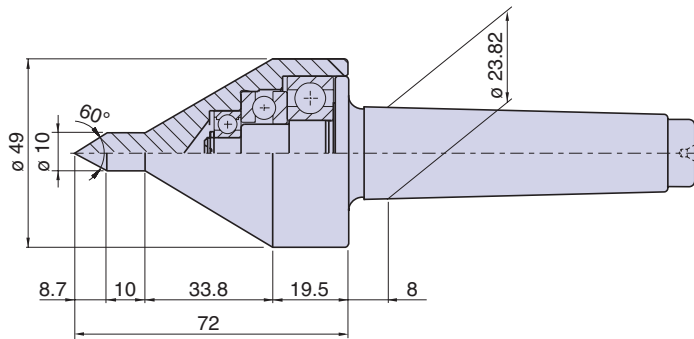
Live Center WK3 Morse taper 2



Model	90203
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Max. Workpiece Weight	Kg 1100
Accuracy	mm ±0.0005
Max. R.P.M.	8000

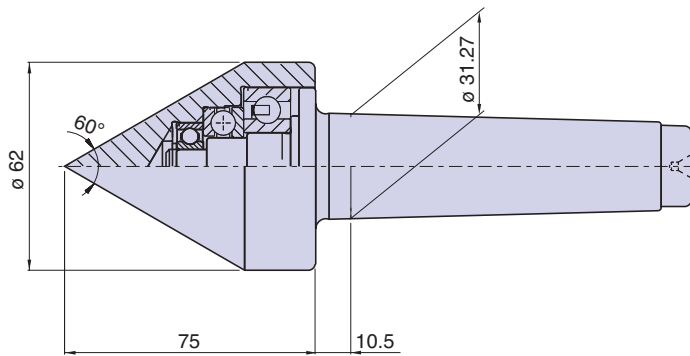
Live Center WK13 Morse taper 3



Model	90213
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Max. Workpiece Weight	Kg 900
Accuracy	mm ±0.0005
Max. R.P.M.	8000

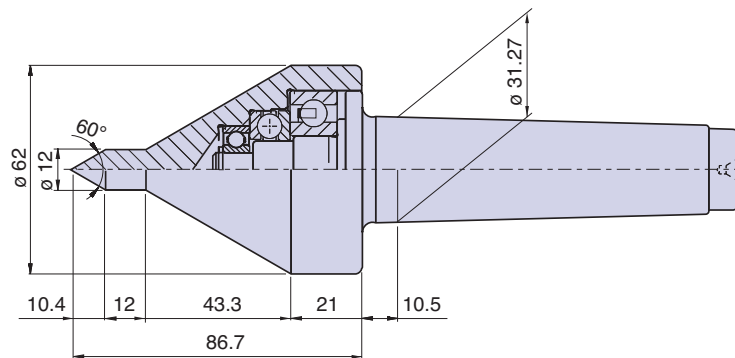
Live Center WK4 Morse taper 4



Model 90204

Max. Workpiece Weight	Kg 1500
Accuracy	mm ±0.0005
Max.R.P.M.	7000

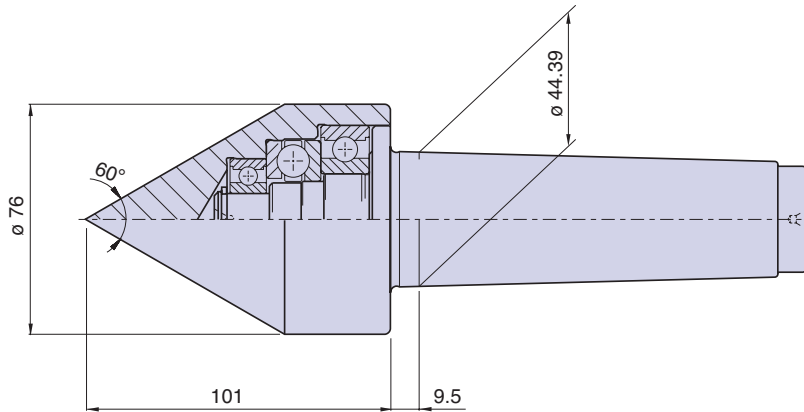
Live Center WK14 Morse taper 4



Model 90214

Max. Workpiece Weight	Kg 1150
Accuracy	mm ±0.0005
Max. R.P.M.	7000

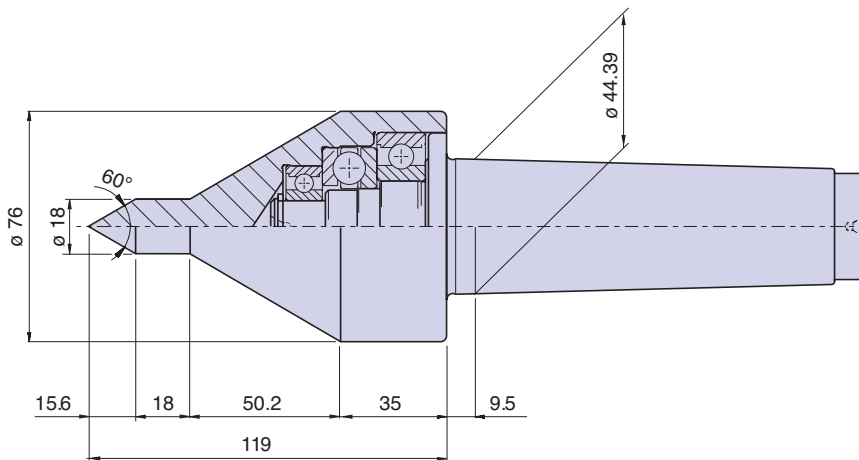
Live Center WK5 Morse taper 5



Model	90205
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Max. Workpiece Weight	Kg 2400
Accuracy	mm ±0.0005
Max. R.P.M.	5500

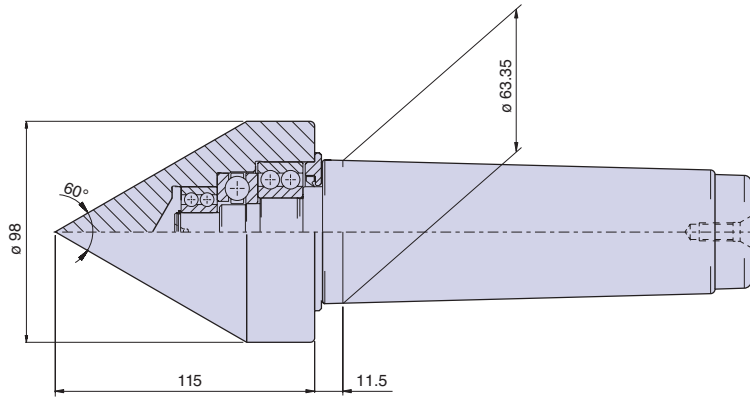
Live Center WK15 Morse taper 5



Model	90215
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Max. Workpiece Weight	Kg 1800
Accuracy	mm ±0.0005
Max. R.P.M.	5500

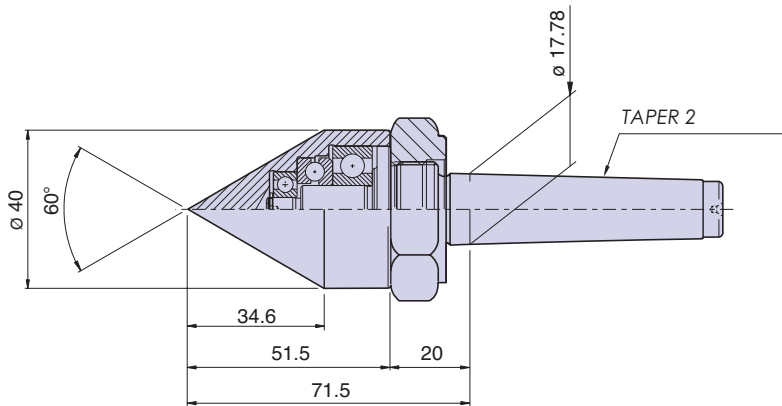
Live Center WK6 Morse taper 6



Model	90206
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Max. Workpiece Weight	Kg 2800
Accuracy	mm ±0.0005
Max. R.P.M.	4000

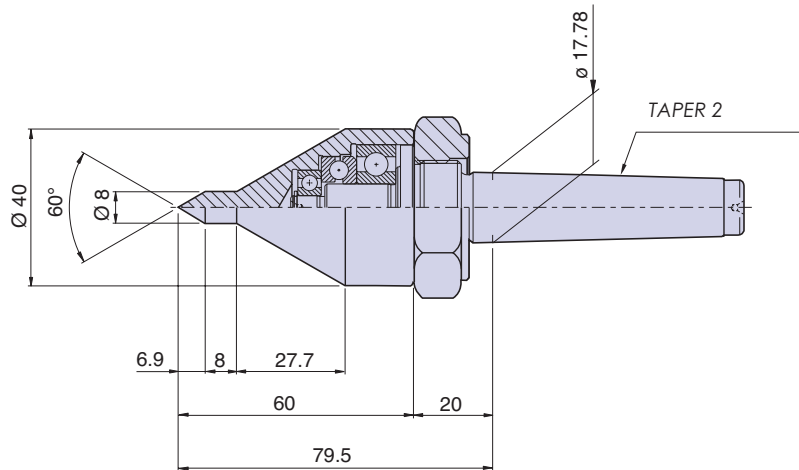
Live Center WK2 with Ring Nut Morse taper 2



Model	G90202
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Max. Workpiece Weight	Kg 800
Accuracy	mm ±0.0005
Max. R.P.M.	9000

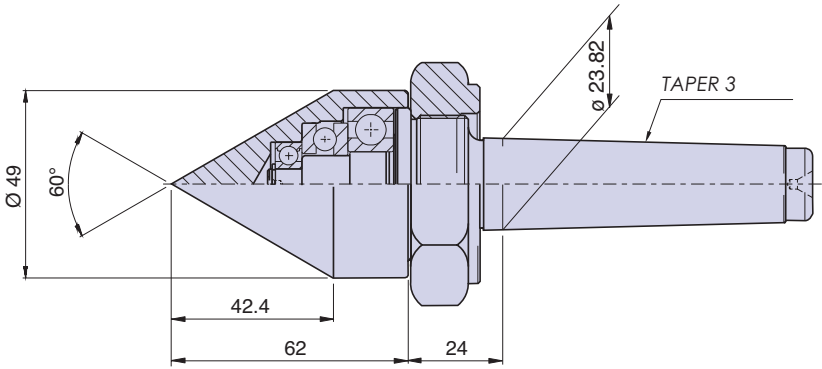
Live Center WK12 with Ring Nut Morse taper 2



Model	G90212
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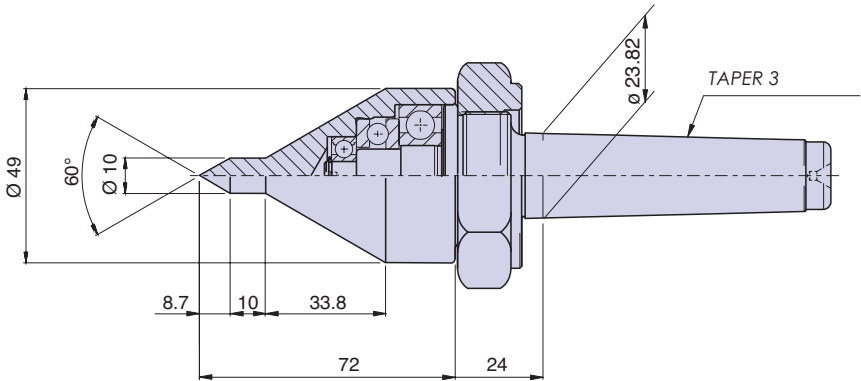
Max. Workpiece Weight	Kg 700
Accuracy	mm ±0.0005
Max. R.P.M.	9000

Live Center WK3 with Ring Nut Morse taper 3



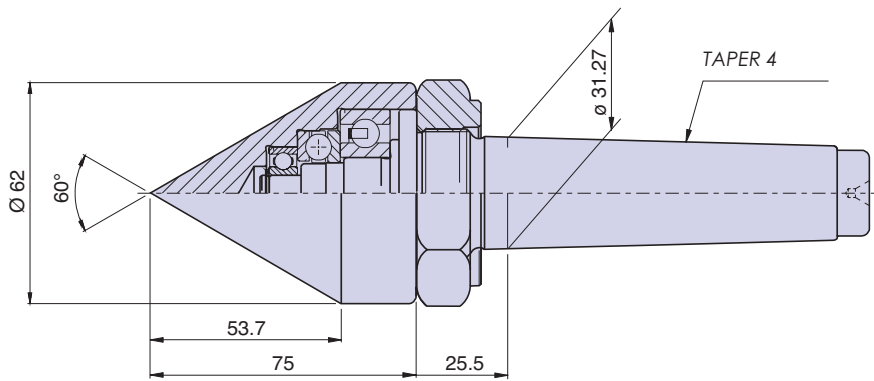
Model	G90203
Max. Workpiece Weight	Kg 1100
Accuracy	mm ±0.0005
Max. R.P.M.	8000

Live Center WK13 with Ring Nut Morse taper 3



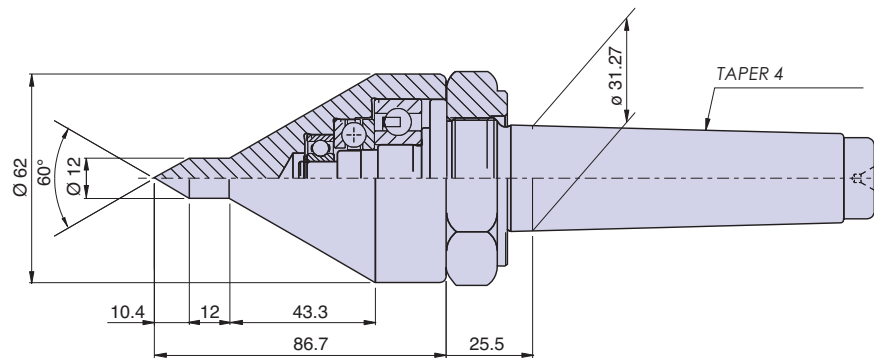
Model	G90213
Max. Workpiece Weight	Kg 900
Accuracy	mm ±0.0005
Max. R.P.M.	8000

Live Center WK4 with Ring Nut Morse taper 4



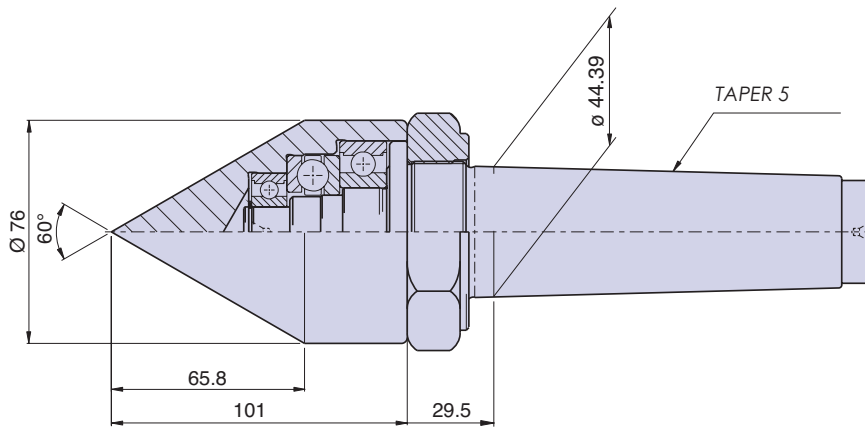
Model	G90204
Max. Workpiece Weight	Kg 1500
Accuracy	mm ± 0.0005
Max. R.P.M.	7000

Live Center WK14 with Ring Nut Morse taper 4



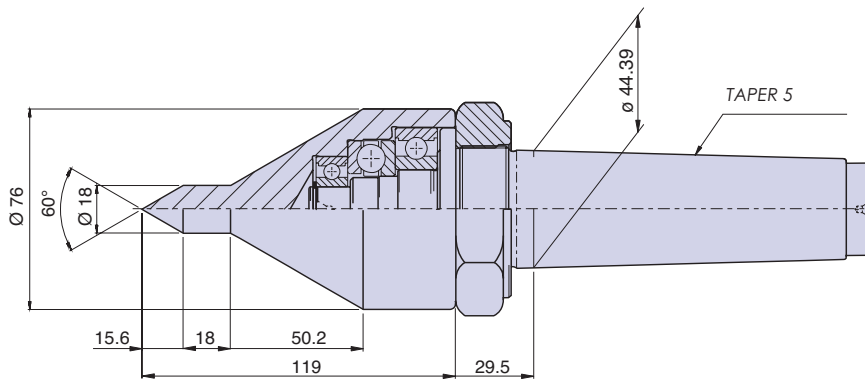
Model	G90214
Max. Workpiece Weight	Kg 1150
Accuracy	mm ± 0.0005
Max. R.P.M.	7000

Live Center WK5 with Ring Nut Morse taper 5



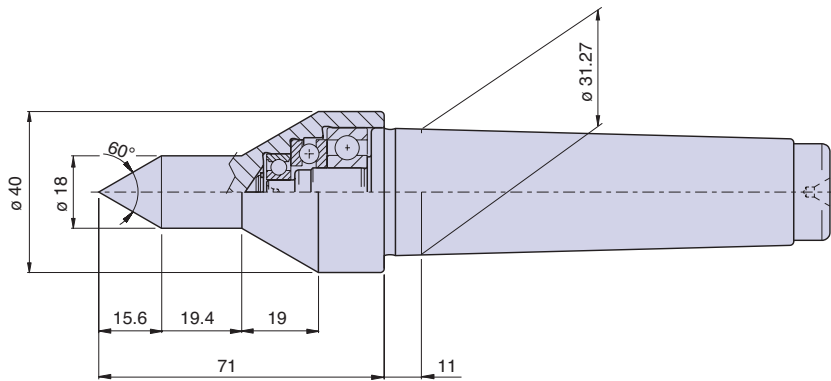
Model	G90205
Max. Workpiece Weight	Kg 2400
Accuracy	mm ±0.0005
Max. R.P.M.	5500

Live Center WK15 with Ring Nut Morse taper 5



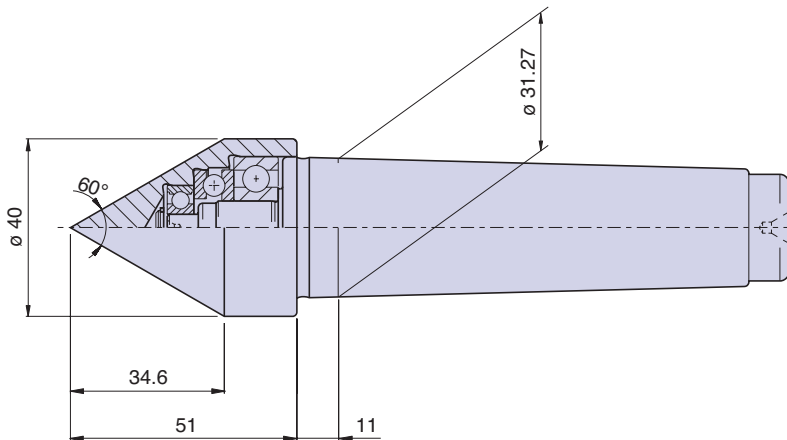
Model	G90215
Max. Workpiece Weight	Kg 1800
Accuracy	mm ±0.0005
Max. R.P.M.	5500

Live Center WK24 with Reduced Head Morse taper 4



Model	90412
Max. Workpiece Weight	Kg 700
Accuracy	mm ± 0.0005
Max. R.P.M.	9000

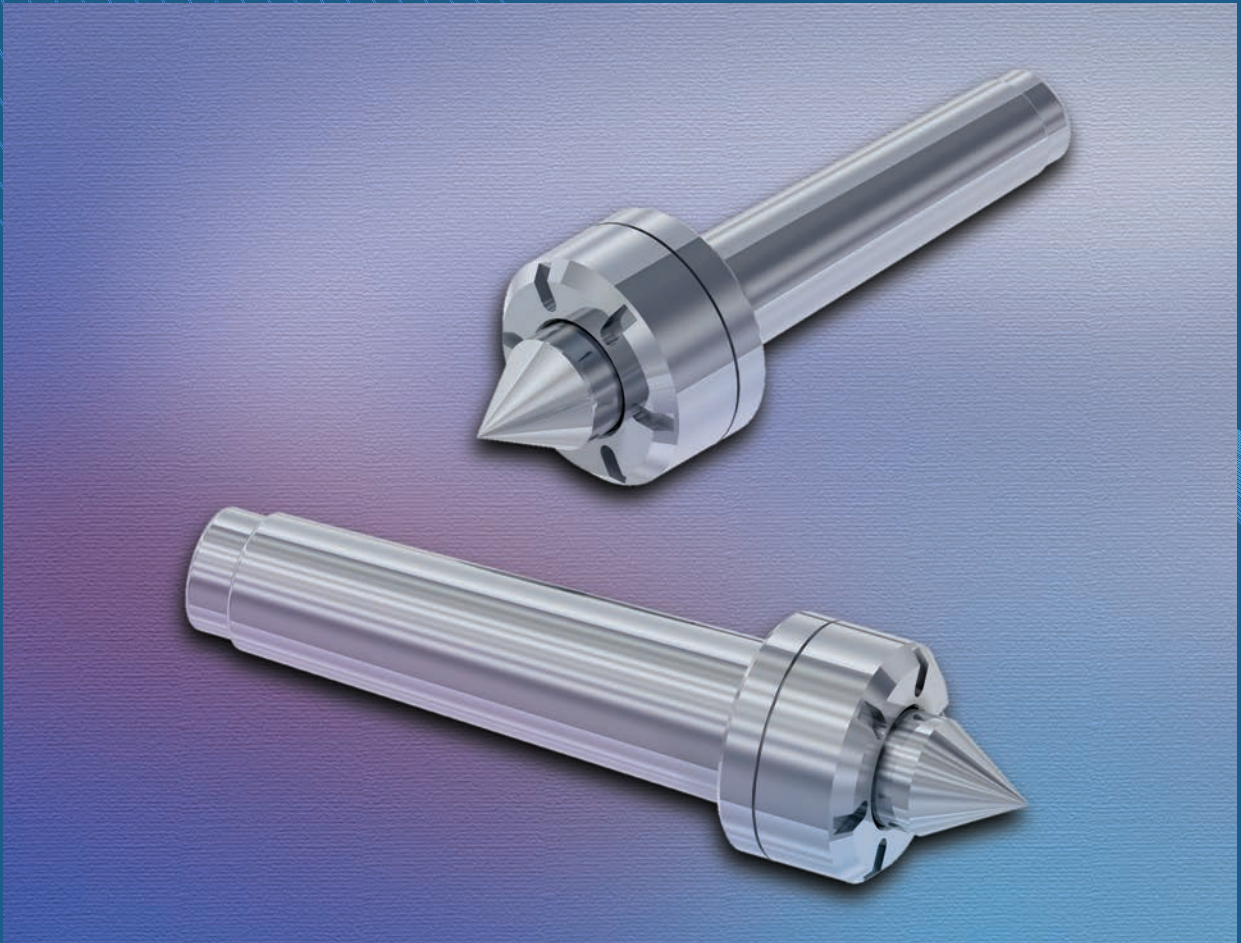
Live Center WK44 with Reduced Head Morse taper 4



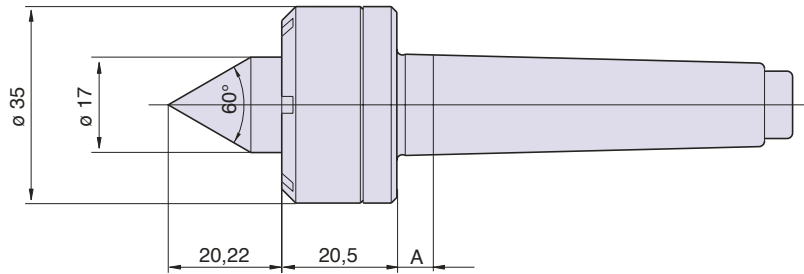
Model	90414
Max. Workpiece Weight	Kg 800
Accuracy	mm ± 0.0005
Max. R.P.M.	9000

Live Centers: Gear Cutting Series

CMP



Morse taper	Standard	A
2	39012	6.5
3	39013	6.5
4	39014	8.5



Morse taper	Interchangeable Points	A
2	39022	6.5
3	39023	6.5
4	39024	8.5

