

CITIZEN

MODEL

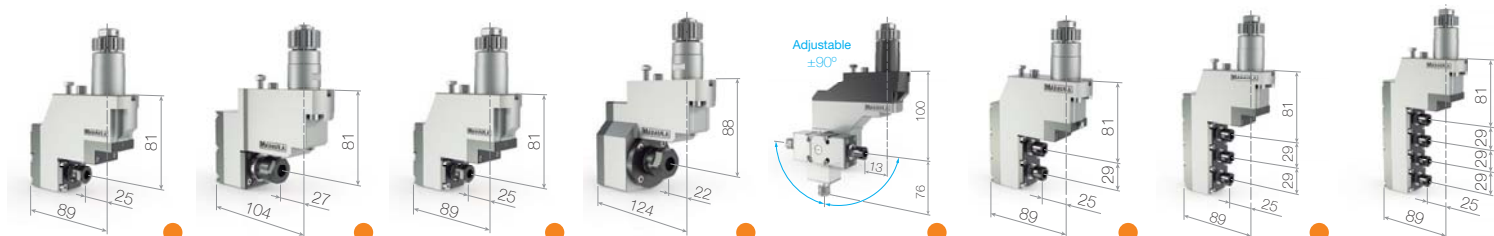
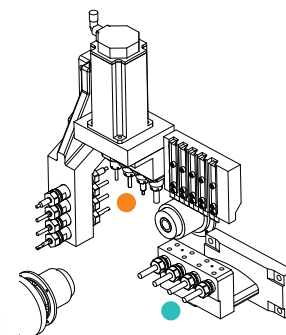
A20

Ø31 Gang Tooling

MADAULA
creative solutions



Type	Axial	Axial	Axial Speeder	Axial Reducer	Radial Double Output	Radial 2+2 Outputs	Radial 3+3 Outputs	Radial 4+4 Outputs
Code	CZ.000.A20-ER16	CZ.002.A20-ER20	CZ.002.A20	CZ.003.A20	CZ.008.A20	CZ.008.A20-4	CZ.008.A20-6	CZ.008.A20-8
Citizen Ref.	BSC210/GSC1310	-	BSC610	-	BSE1007	BSE2007	BSE507 / BSE707	-
	ER-16	ER-20	ER-11	ER-20	ER-11	ER-11M	ER-11M	ER-11M
RPM Max	8.000	8.000	24.000	2.700	8.000	8.000	8.000	8.000
	1:1	1:1	1:3	3:1	1:1	1:1	1:1	1:1

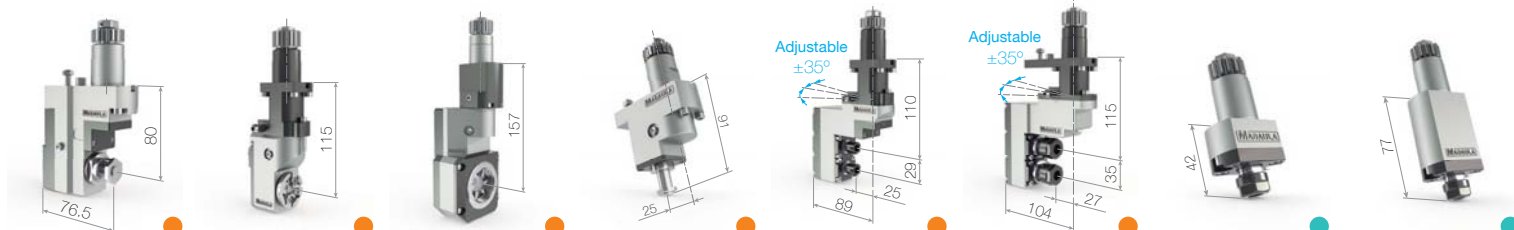


Type	Radial Set-Back	Radial Set-Back	Radial Set-Back Speeder	Radial Set-Back Reducer	Radial Adjustable ±90°	Radial 2 Outputs	Radial 3 Outputs	Radial 4 Outputs
Code	CZ.011.A20-ER11	CZ.011.A20-ER16	CZ.013.A20	CZ.014.A20	CZ.021.A20	CZ.029.A20	CZ.029.A20-3	CZ.029.A20-4
Citizen Ref.	BSE107	-	-	-	BSA107	BSE207	BSE607	-
	ER-11	ER-16	ER-11	ER-20	ER-11M	ER-11M	ER-11M	ER-11M
RPM Max	8.000	8.000	24.000	4.000	8.000	8.000	8.000	8.000
	1:1	1:1	1:3	2:1	1:1	1:1	1:1	1:1

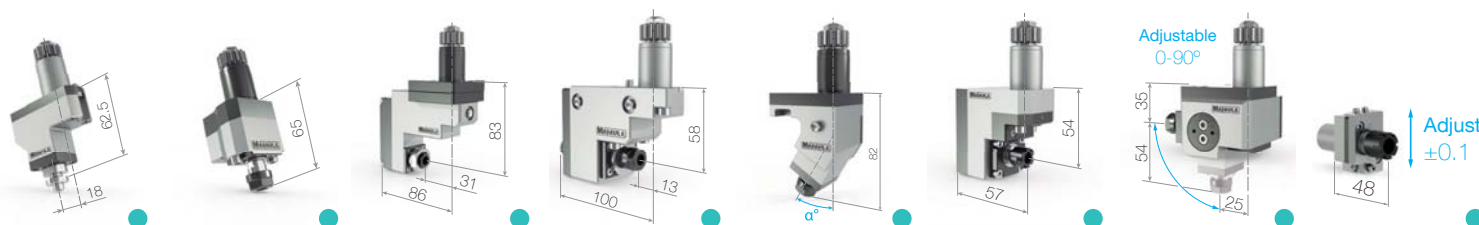


Symbology

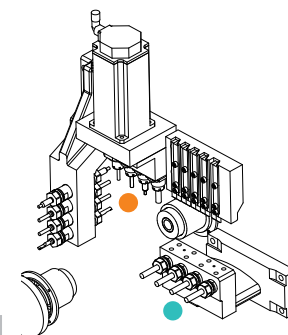
- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°	Axial Saw-Mill	Radial "Y" Axis ±35° 2 Outputs	Radial "Y" Axis ±35° 2 Outputs	Axial Back Rotary Tool	Axial Long Back Rotary Tool
Code	CZ.034.A20	CZ.035.A20-15	CZ.035.A20-30	CZ.038.A20	CZ.051.A20-ER11	CZ.051.A20-ER16	CZ.000.A20-BE	CZ.000.A20-BE-L
Citizen Ref.	BSP509 / BSP512	BSW215	-	-	-	-	GSE3510 / MSC507/ GSE3307	GSE3407
	Cyl-Shaft	Cutting head	Cutting head	Cyl-Shaft	ER-11M	ER-16	ER-11	ER-11
	8.000	8.000	8.000	8.000	8.000	8.000	5.000	5.000
	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1

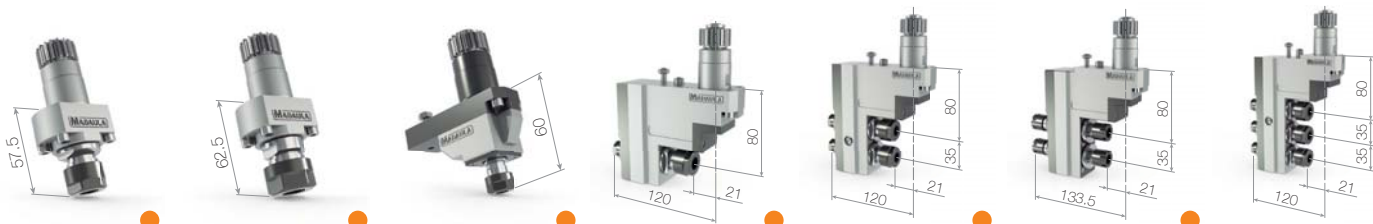


Type	Axial Offset Back Rotary Tool	Axial Speeder Back Rotary Tool	Radial Set-back Back Rotary Tool	Radial Set-back Back Rotary Tool	Fixed Angle Back Rotary Tool	Radial Speeder Back Rotary Tool	Radial Adjust. Back Rotary Tool	Tool Holder with Fine "Y" Axis Adjust. ±0.1
Code	CZ.001.A20-BE	CZ.002.A20-BE	CZ.011.A20-BE	CZ.011.A20-BE-TA	CZ.012.A20-BE	CZ.013.A20-BE	CZ.021.A20-BE	CZ.025.A20-BE
Citizen Ref.	-	BSC510	-	GSS1530	-	-	-	-
	Cyl-Shaft	ER-11	ER-11A	ER-11	ER-11	ER-11	ER-11	ER-11M
	5.000	15.000	5.000	5.000	5.000	10.000	5.000	-
	1:1	1:3	1:1	1:1	1:1	1:2	1:1	-



Symbology

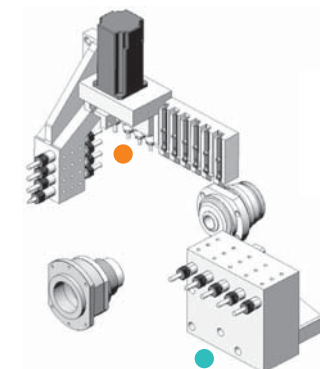
- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Axial	Axial	Axial Speeder	Radial Double Output	Radial 2+2 Outputs	Radial 2+2 Outputs	Radial 3+3 Outputs
Code	CZ.000.A32-ER16	CZ.000.A32-ER20	CZ.002.A32	CZ.008.A32	CZ.008.A32-4ER16/11	CZ.008.A32-4ER16	CZ.008.A32-6ER16/11
Citizen Ref.	GSC1110/GSC1310	-	BSC610	-	-	BSE3207	-
	ER-16	ER-20	ER-11	ER-16/ER11	ER-16/ER11	ER-16M	ER-16/ER11
RPM Max	5.000	5.000	15.000	5.000	5.000	5.000	5.000
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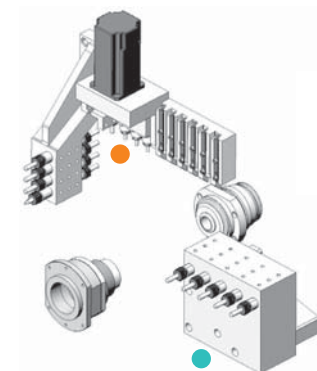
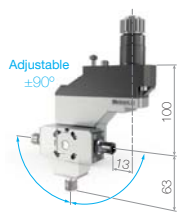


Type	Radial 3+3 Outputs	Radial 4+4 Outputs	Radial 4+4 Outputs	Radial Set-Back	Radial Set-Back Speeder	Radial Set-Back Reducer	Radial Adjustable ±90°
Code	CZ.008.A32-6ER16	CZ.008.A32-8ER16/11	CZ.008.A32-8ER16	CZ.011.A32	CZ.013.A32	CZ.014.A32	CZ.021.A32
Citizen Ref.	GSE1710	-	BSE3208	-	-	-	-
	ER-16M	ER-16/ER11	ER-16M	ER-16	ER-11	ER-20	ER-11M
RPM Max	5.000	5.000	5.000	5.000	15.000	2.500	5.000
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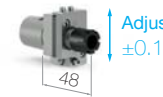
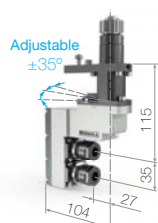


Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



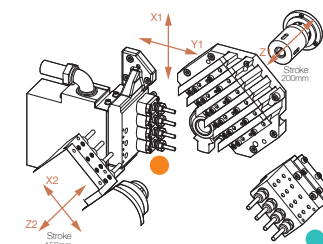
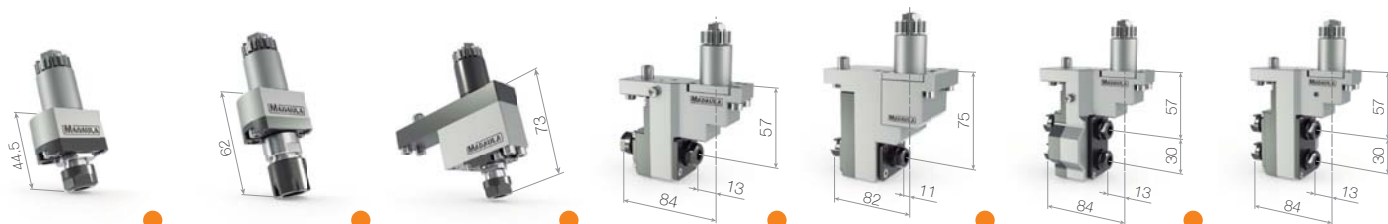
Type	Radial Adjust. ±90° Slim	Radial 3 Outputs	Radial 3 Outputs (Same Rotation Sense)	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°	Axial Saw-Mill
Code	CZ.021.A32-S	CZ.029.A32-3	CZ.029.A32-3SRS	CZ.034.A32	CZ.035.A32-15 BSW315	CZ.035.A32-30	CZ.038.A32
Citizen Ref.	-	-	-	-	-	-	-
	ER-11M	ER-16	ER-16	Cyl-Shaft	Cutting head	Cutting head	Cyl-Shaft
 RPM Max	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	1:1	1:1	1:1	1:1	1:1	1:1	1:1



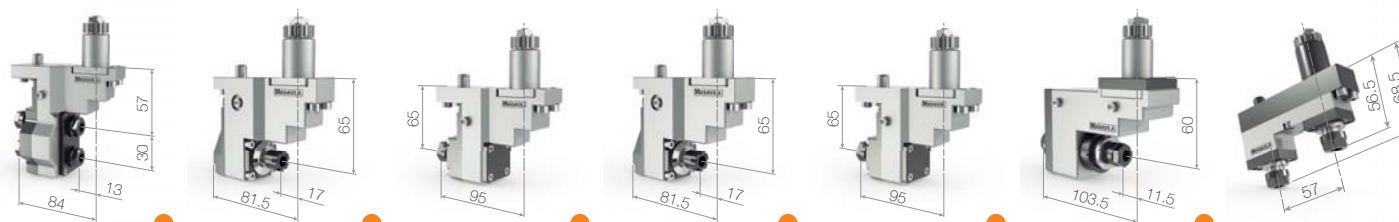
Type	Radial "Y" Axis ±35° 2 Outputs	Axial Back Rotary Tool	Radial Set-Back Back Rotary Tool	Radial Set-Back Back Rotary Tool	Fixed Angle Back Rotary Tool	Radial Reducer Back Rotary Tool	Tool Holder with Fine "Y" Axis Adjust. ±0.1
Code	CZ.051.A32	CZ.000.A32-BE	CZ.011.A32-BE	CZ.011.A32-BE-TA	CZ.012.A32-BE	CZ.014.A32-BE	CZ.025.A32-BE
Citizen Ref.	-	GSC1110/GSC1310	-	GSS1110	-	-	-
	ER-16	ER-16	ER-16	ER-16	ER-11A	ER-20	ER-16M
 RPM Max	5.000	5.000	5.000	5.000	 10.000	 2.500	-
	1:1	1:1	1:1	1:1	1:2	2:1	-

Symbology

-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



Type	Axial	Axial	Axial Speeder	Radial Double Output	Radial Double Output Speeder	Radial Left 2+2 Outputs	Radial Right 2+2 Outputs
Code	CZ.000.K12/K16-ER11	CZ.000.K12/K16-ER16	CZ.002.K12/K16	CZ.008.K12/K16	CZ.008.K12/K16-S	CZ.008.K12/K16-4L	CZ.008.K12/K16-4R
Citizen Ref.	GSC807/GS1107	-	-	GSE2307/GSE2807	-	GSE2007/GSE2507	GSE2407
	ER-11	ER-16M	ER-11	ER-11	ER-11	ER-11	ER-11
RPM Max	6.000	6.000	18.000	6.000	12.000	6.000	6.000
	1:1	1:1	1:3	1:1	1:2	1:1	1:1

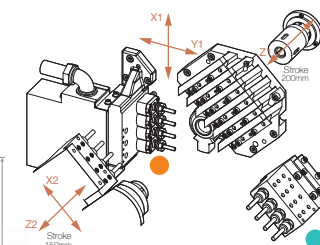
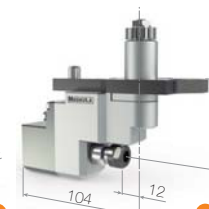
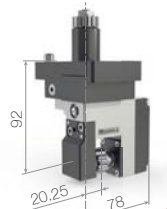
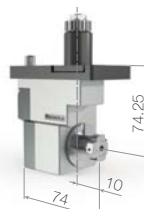
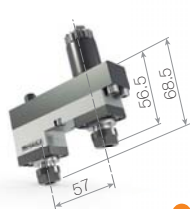


Type	Radial 2+2 Outputs Speeder	Radial Set-Back	Radial Set-Back Subspindle	Radial Set-Back Speeder	Radial Set-Back Speeder Subspindle	Radial Set-Back Reducer	Axial Double Output
Code	CZ.008.K12/K16-4S	CZ.011.K12/K16	CZ.011.K12/K16-SUB	CZ.013.K12/K16	CZ.013.K12/K16-SUB	CZ.014.K12/K16	CZ.023.K12/K16
Citizen Ref.	-	GSE2107/GSE2607	GSE2207/GSE2707	-	-	-	GSC860
	ER-11	ER-11M	ER-11	ER-11M	ER-11	ER-11	ER-11
RPM Max	12.000	6.000	6.000	12.000	12.000	4.500	6.000
	1:2	1:1	1:1	1:2	1:2	1.5:1	1:1

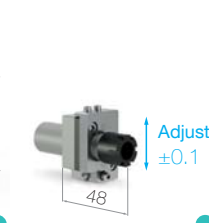
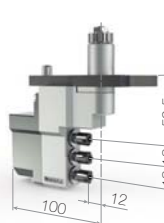
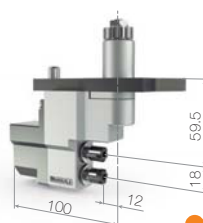


Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Axial Double Output Speeder	Polygon Maker Reducer	Thread Whirling ±15°	Thread Whirling ±30°	Gear Hobbing ±30°	Axial Saw-Mill Reducer	Radial "Y" Axis 0-95°
Code	CZ.023.K12/K16-S	CZ.034.K12/K16	CZ.035.K12/K16-15	CZ.035.K12/K16-30	CZ.036.K12/K16	CZ.038.K12/K16	CZ.051.K12/K16
Citizen Ref.	-	-	GSW101	-	-	GSS350/450/750 GSS850/950/1050	-
	ER-11	Cyl-Shaft	Cutting Head	Cutting Head	Cyl-Shaft	Cyl-Shaft	ER-11
RPM Max	6.000 / 12.000	2.000	6.000	6.000	6.000	3.000	6.000
	1:1 / 1:2	3:1	1:1	1:1	1:1	2:1	1:1

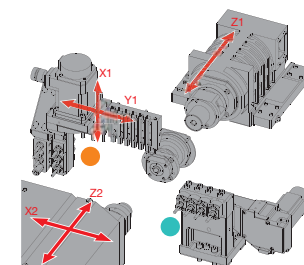


Type	Radial "Y" Axis 0-95° / 2 Outputs	Radial "Y" Axis 0-95° / 3 Outputs	Axial Back Rotary Tool	Radial Set-Back Back Rotary Tool	Radial Set-Back Back Rotary Tool	Radial Saw-Mill Back Rotary Tool	Tool Holder with Fine "Y" Axis Adjust. ±0.1
Code	CZ.051.K12/K16-2	CZ.051.K12/K16-3	CZ.000.K12-BE	CZ.011.K12-BE	CZ.013.K12-BE	CZ.030.K12-BE	CZ.025.K12-BE
Citizen Ref.	-	-	GSC1107	GSS1430	-	-	-
	ER-8M	ER-8M	ER-11	ER-11	ER-11	Cyl-Shaft	ER-11M
RPM Max	6.000	6.000	6.000	6.000	10.000	6.000	-
	1:1	1:1	1:1	1:1	1:1.8	1:1	-

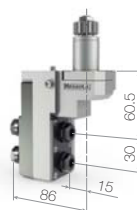


Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



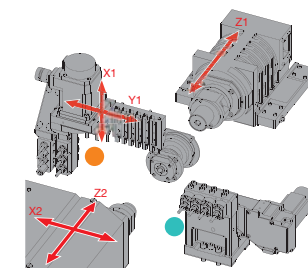
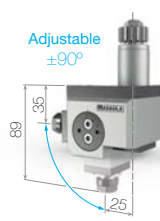
Type	Axial	Axial Long	Axial Offset	Axial Speeder	Axial Reducer
Code	CZ.000.L12	CZ.000.L12-L	CZ.001.L12	CZ.002.L12	CZ.003.L12
Citizen Ref.	MSC507 / GSE3507 / GSE3307	GSE3407	-	BSC510	-
	ER-11	ER-11	Cyl-Shaft	ER-11	ER-16
RPM Max	8.000	8.000	8.000	16.000	3.000
	1:1	1:1	1:1	1:2	2:1



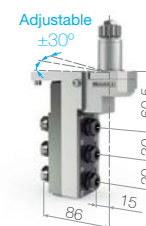
Type	Radial Double Output	Radial 2+2 Outputs	Radial 3+3 Outputs	Radial	Radial Set-Back
Code	CZ.008.L12	CZ.008.L12-4	CZ.008.L12-6	CZ.010.L12	CZ.011.L12
Citizen Ref.	-	-	-	-	GSC1507
	ER-11	ER-11	ER-11	ER-8M	ER-11A
RPM Max	8.000	8.000	8.000	8.000	8.000
	1:1	1:1	1:1	1:1	1:1

Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Radial Set-Back with tool adjustment	Radial Set-Back Speeder	Radial Adjustable 0-90°	Radial 2 Outputs
Code	CZ.011.L12-TA	CZ.013.L12	CZ.021.L12	CZ.029.L12
Citizen Ref.	GSS1530	-	-	-
ER-11	ER-11	ER-11	ER-11	ER-11
RPM Max	8.000	10.000	8.000	8.000
	1:1	1:2	1:1	1:1



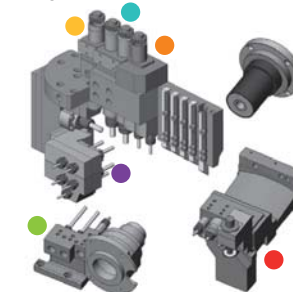
Type	Radial 3 Outputs	Thread Whirling ±15°	Thread Whirling ±30°	Radial "Y" Axis ±30° 3 Outputs
Code	CZ.029.L12-3	CZ.035.L12-15	CZ.035.L12-30	CZ.051.L12
Citizen Ref.	-	-	-	GSE3607
ER-11	ER-11	Cutting Head	Cutting Head	ER-11
RPM Max	8.000	8.000	8.000	8.000
	1:1	1:1	1:1	1:1

Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



L20 X



Type	Axial	Axial Offset	Axial Speeder	Radial Double Output	Radial Double Output Speeder	Radial 2+2 Outputs
Code	CZ.000.L16/L20	CZ.001.L16/L20	CZ.002.L16/L20	CZ.008.L16/L20	CZ.008.L16/L20-S	CZ.008.L16/L20-4
Citizen Ref.	GSC510 / GSC1010	-	-	-	-	-
ER	ER-16	ER-16	ER-11	ER-11	ER-11	ER-11M
RPM Max	5.000	5.000	15.000	5.000	15.000	5.000
Gear	1:1	1:1	1:3	1:1	1:3	1:1
Compatible with	All versions	All versions	All versions	All versions	All versions	All versions



Type	Radial 2+2 Outputs	Radial 3+3 Outputs	Radial Set-back	Radial Set-back Speeder	Radial Adjustable 0-90°	Radial Adjustable 0-90° Speeder
Code	CZ.008.L16/L20-4T10	CZ.008.L16/L20-6	CZ.011.L16/L20	CZ.013.L16/L20	CZ.021.L16/L20	CZ.021.L16/L20-S
Citizen Ref.	-	GSE1307	GSE306	-	-	-
ER	ER-11M	ER-11M	ER-11M	ER-11M	ER-11M	ER-11M
RPM Max	5.000	5.000	5.000	15.000	5.000	15.000
Gear	1:1	1:1	1:1	1:3	1:1	1:3
Compatible with	All versions	All versions	All versions	All versions	All versions	All versions



Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque

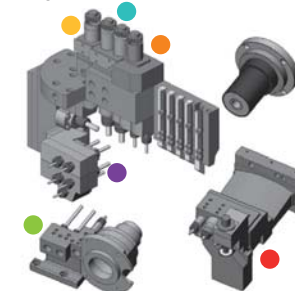


Type	Axial Offset Reducer	Radial 2 Outputs	Radial 2 Outputs Speeder	Radial 3 Outputs	Radial 3 Outputs	Thread Whirling ±15°
Code	CZ.027.L16/L20	CZ.029.L16/L20	CZ.029.L16/L20-S	CZ.029.L16/L20-3ER11	CZ.029.L16/L20-3ER16	CZ.035.L16/L20-15
Citizen Ref.	-	-	-	-	GSE1110	-
Cutting Head	ER-16	ER-11M	ER-11	ER-11M	ER-16	Cutting Head
RPM Max	3.750	5.000	15.000	5.000	5.000	5.000
Ratio	1:0.75	1:1	1:3	1:1	1:1	1:1
Compatible with	All versions	All versions	All versions	All versions	All versions	All versions



Type	Thread Whirling ±25°	Thread Whirling ±30°	Axial Saw-mill	Radial "Y" Axis ±15°	Radial "Y" Axis ±15° 2 Outputs	Axial
Code	CZ.035.L16/L20-25	CZ.035.L16/L20-30	CZ.038.L16/L20	CZ.051.L16/L20	CZ.051.L16/L20-2	CZ.000.L20-S
Citizen Ref.	-	-	-	-	-	GSC907
Cutting Head	Cutting Head	Cutting Head	Cyl-Shaft	ER-11M	ER-11M	ER-11
RPM Max	5.000	5.000	5.000	5.000	5.000	5.000
Ratio	1:1	1:1	1:1	1:1	1:1	1:1
Compatible with	All versions	All versions	All versions	All versions	All versions	L20 VIII-IX-X-XII / E VIII-IX-X

L20 X

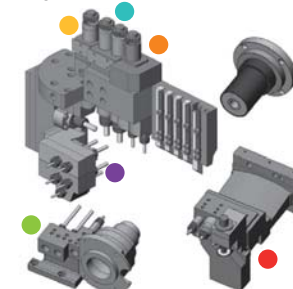


Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



L20 X



Type	Axial	Axial	Axial Speeder	Axial Reducer	Radial Double Output
Code	CZ.000.L20C-ER16	CZ.000.L20C-ER20	CZ.002.L20C	CZ.003.L20C	CZ.008.L20C
Citizen Ref.	GSC1310	-	-	-	-
	ER-16	ER-20	ER-11	ER-20	ER-11
 RPM Max	6.000	6.000	 12.000	 2.000	6.000
	1:1	1:1	1:2	3:1	1:1
Compatible with	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII



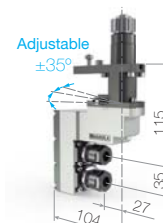
Type	Radial 2+2 Outputs	Radial 3+3 Outputs	Radial Set-Back	Radial Set-Back	Radial Set-Back Speeder
Code	CZ.008.L20C-4	CZ.008.L20C-6	CZ.011.L20C-ER11	CZ.011.L20C-ER16	CZ.013.L20C
Citizen Ref.	-	BSE707	-	-	-
	ER-11M	ER-11M	ER-11	ER-16	ER-11
 RPM Max	6.000	6.000	6.000	6.000	 12.000
	1:1	1:1	1:1	1:1	1:2
Compatible with	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII

Symbology

-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque

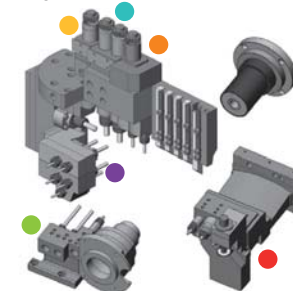


Type	Radial Set-Back Reducer	Radial Adjustable $\pm 90^\circ$	Radial 2 Outputs	Radial 3 Outputs	Polygon Maker
Code	CZ.014.L20C	CZ.021.L20C	CZ.029.L20C	CZ.029.L20C-3	CZ.034.L20C
Citizen Ref.	-	-	-	BSE607	-
 RPM Max	ER-20	ER-11M	ER-11M	ER-11	Cyl-Shaft
	2.000	6.000	6.000	6.000	6.000
	3:1	1:1	1:1	1:1	1:1
Compatible with	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII



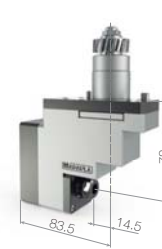
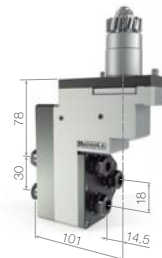
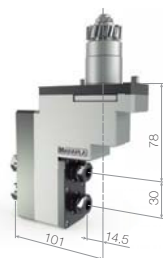
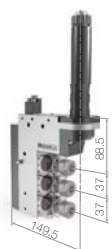
Type	Thread Whirling $\pm 15^\circ$	Thread Whirling $\pm 30^\circ$	Axial Saw-Mill	Radial "Y" Axis $\pm 35^\circ$ 2 Outputs	Radial "Y" Axis $\pm 35^\circ$ 2 Outputs
Code	CZ.035.L20C-15	CZ.035.L20C-30	CZ.038.L20C	CZ.051.L20C-ER11	CZ.051.L20C-ER16
Citizen Ref.	-	-	-	-	-
 RPM Max	Cutting head	Cutting head	Cyl-Shaft	ER-11M	ER-16
	6.000	6.000	6.000	6.000	6.000
	1:1	1:1	1:1	1:1	1:1
Compatible with	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII	L20 VIII-IX-X-XII / E VIII-X-XII

L20 X

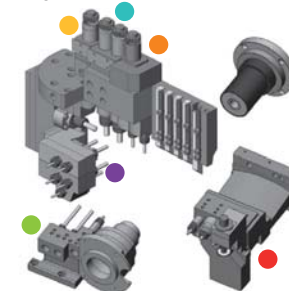


Symbology

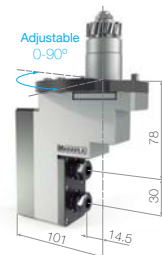
-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



L20 X



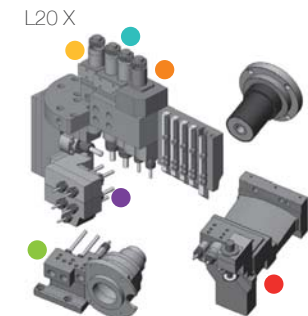
Type	End Face Drilling (Without Rotatory Tool)	Axial	Radial Double Output	Radial 2+2 Outputs	Radial 3+3 Outputs	Radial Set-Back
Code	CZ.031.L20N-T	CZ.000.L20N	CZ.008.L20N	CZ.008.L20N-4	CZ.008.L20N-6	CZ.011.L20N
Citizen Ref.	GSE3010/GSE3110	GSC1210	-	GSE3107	GSE3207	-
	-	ER-16	ER-11	ER-11	ER-11	ER-11
 RPM Max	5.000	5.000	5.000	5.000	5.000	5.000
	1:1	1:1	1:1	1:1	1:1	1:1
Compatible with	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII



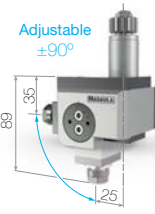
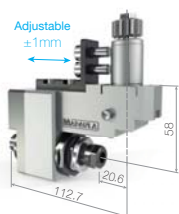
Type	Axial Double Output	Polygon Maker Reducer	Thread Whirling ±15°	Thread Whirling ±30°	Radial "Y" Axis Double Output	Radial "Y" Axis 2 Outputs
Code	CZ.023.L20N	CZ.034.L20N	CZ.035.L20N-15	CZ.035.L20N-30	CZ.051.L20N	CZ.051.L20N-2
Citizen Ref.	GSC1307 / GSC1607	-	-	-	-	-
	ER-11	Cyl-Shaft	Cutting Head	Cutting Head	ER-11	ER-11
 RPM Max	5.000	1.600	5.000	5.000	5.000	5.000
	1:1	 3:1	1:1	1:1	1:1	1:1
Compatible with	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII

Symbology

-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



Type	Axial	Axial Long	Axial Offset	Axial Speeder	Radial Set-Back with tool adjustment	Radial Set-Back
Code	CZ.000.L20-BE	CZ.000.L20-BE-L	CZ.001.L20-BE	CZ.002.L20-BE	CZ.011.L20-BE-TA	CZ.011.L20-BE
Citizen Ref.	MSC507/GSE3307/GSE3507	GSE3407	-	-	GSS1330/GSS1530	GSC1507
	ER-11	ER-11	Cyl-Shaft	ER-11	ER-11	ER-11A
RPM Max	5.000	5.000	5.000	15.000	5.000	5.000
	1:1	1:1	1:1	1:3	1:1	1:1
Compatible with	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII



Type	Radial Set-Back with "Y" Axis Adjust. ±1	Fixed Angle (Any Angle)	Radial Set-Back Speeder	Radial Adjustable 0-90°	Saw-Mill	Tool Holder with Fine "Y" Axis Adjust. ±0.1
Code	CZ.011.L20-BE-Y	CZ.012.L20-BE	CZ.013.L20-BE	CZ.021.L20-BE	CZ.030.L20-BE	CZ.025.L20-BE
Citizen Ref.	-	-	-	-	-	-
	ER-11	ER-11	ER-11	ER-11	Cyl-Shaft	ER-11M
RPM Max	5.000	5.000	10.000	5.000	5.000	-
	1:1	1:1	1:2	1:1	1:1	-
Compatible with	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII	L20 IX-X-XII/E VIII-X-XII

Symbology

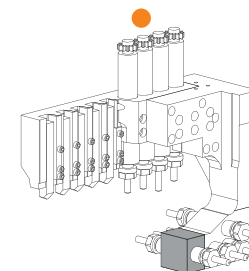
- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Axial	Axial Offset	Axial Speeder	Axial Reducer	Radial Double Output	Radial 2+2 Outputs	Radial 3+3 Outputs
Code Citizen Ref.	CZ.000.L25/L32 GSE310	CZ.001.L25/L32 -	CZ.002.L25/L32 -	CZ.003.L25/L32 -	CZ.008.L25/L32 GSX510	CZ.008.L25/L32-4 -	CZ.008.L25/L32-6 -
	ER-16	ER-16	ER-11M	ER-16A	ER-11M	ER-11M	ER-11M
 RPM Max	6.000	6.000	 18.000	 3.000	6.000 / 18.000 	6.000	6.000
	1:1	1:1	1:3	2:1	1:1 / 1:3	1:1	1:1



Type	Radial Set-Back	Radial Set-Back Speeder	Radial Adjustable 0-90°	Thread Whirling ±15°	Thread Whirling ±25°	Axial Saw-Mill	Radial “Y” Axis ±15°
Code Citizen Ref.	CZ.011.L25/L32 GSE306	CZ.013.L25/L32 -	CZ.021.L25/L32 -	CZ.035.L25/L32-15 -	CZ.035.L25/L32-25 LSW101	CZ.038.L25/L32 -	CZ.051.L25/L32 GSA107
	ER-11M	ER-11M	ER-11M	Cutting Head	Cutting Head	Cyl-Shaft	ER-11M
 RPM Max	6.000	 18.000	6.000 / 12.000 	6.000	6.000	6.000	6.000
	1:1	1:3	1:1 / 1:2	1:1	1:1	1:1	1:1



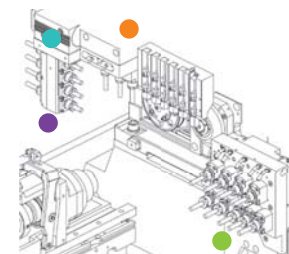
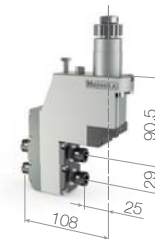
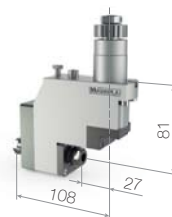
Symbology

 Internal coolant

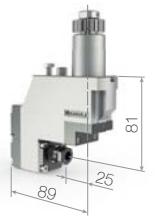
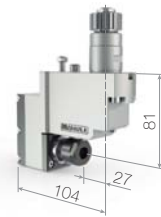
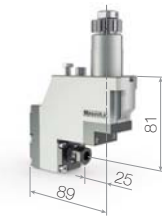
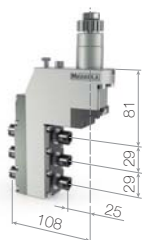
↑ High frequency

 Speeder

↓ Reducer / Higher torque



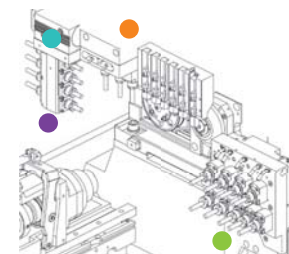
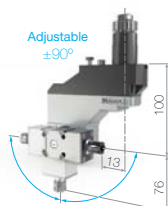
Type	Axial	Axial	Axial Speeder	Radial Double Output	Radial 2+2 Outputs
Code	CZ.000.L32-ER16	CZ.002.L32-ER20	CZ.002.L32	CZ.008.L32	CZ.008.L32-4
Citizen Ref.	GSC1310	-	-	-	-
	ER-16	ER-20	ER-11	ER-11	ER-11M
 RPM Max	6.000	6.000	 12.000	6.000	6.000
	1:1	1:1	1:2	1:1	1:1



Type	Radial 3+3 Outputs	Radial 4+4 Outputs	Radial Set-Back	Radial Set-Back	Radial Set-Back Speeder
Code	CZ.008.L32-6	CZ.008.L32-8	CZ.011.L32-ER11	CZ.011.L32-ER16	CZ.013.L32
Citizen Ref.	BSE707	-	-	-	-
	ER-11M	ER-11M	ER-11	ER-16	ER-11
 RPM Max	6.000	6.000	6.000	6.000	 12.000
	1:1	1:1	1:1	1:1	1:2

Symbology

-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



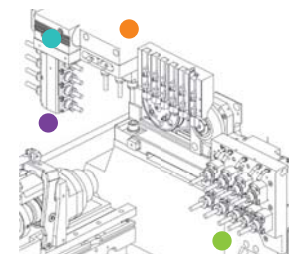
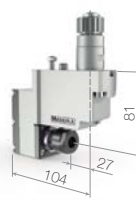
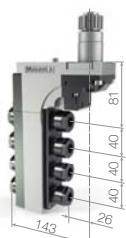
Type	Radial Set-Back Reducer	Radial Adjustable $\pm 90^\circ$	Radial 2 Outputs	Radial 3 Outputs	Radial 4 Outputs
Code	CZ.014.L32	CZ.021.L32	CZ.029.L32	CZ.029.L32-3 BSE607	CZ.029.L32-4
Citizen Ref.	-	-	-	-	-
 RPM Max	ER-20	ER-11	ER-11M	ER-11M	ER-11M
 RPM Max	2.000	6.000	6.000	6.000	6.000
	3:1	1:1	1:1	1:1	1:1



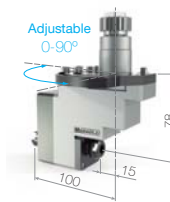
Type	Polygon Maker	Thread Whirling $\pm 15^\circ$	Thread Whirling $\pm 30^\circ$	Gear Hobbing $\pm 32^\circ$	Axial Saw-Mill
Code	CZ.034.L32	CZ.035.L32-15	CZ.035.L32-30	CZ.036.L32	CZ.038.L32
Citizen Ref.	-	-	-	-	-
	Cyl-Shaft	Cutting head	Cutting head	Cyl-Shaft	Cyl-Shaft
 RPM Max	6.000	6.000	6.000	6.000	6.000
	1:1	1:1	1:1	1:1	1:1

Symbology

-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



Type	Radial 3+3 Outputs	Radial 4+4 Outputs	Radial Set-Back	Radial 3 Outputs	End Face Drilling (Without Rotatory Tool)	Radial Double Output	Radial 2+2 Outputs
Code Citizen Ref.	CZ.008.L32T-6 GSE1810	CZ.008.L32T-8 GSE2010	CZ.011.L32T GSE1910	CZ.029.L32T-3 GSE1610	CZ.031.L32T GSE3210	CZ.008.L32N -	CZ.008.L32N-4 GSE3707
 ER-16	ER-16	ER-16	ER-16	ER-16	-	ER-11	ER-11
 RPM Max	6.000	6.000	6.000	6.000	6.000	5.000	5.000
	1:1	1:1	1:1	1:1	1:1	1:1	1:1



Type	Radial 3+3 Outputs	Radial Set-Back	Axial Double Output	Polygon Maker Reducer	Thread Whirling ±15°	Radial "Y" Axis Double Output	Radial "Y" Axis 2 Outputs
Code Citizen Ref.	CZ.008.L32N-6 GSE3807	CZ.011.L32N -	CZ.023.L32N GSC1307/GSC1607	CZ.034.L32N -	CZ.035.L32N-15 -	CZ.051.L32N -	CZ.051.L32N-2 -
 ER-11	ER-11	ER-16	ER-11	Cyl-Shaft	Cutting Head	ER-11	ER-11
 RPM Max	6.000	6.000	6.000	 1.600	5.000	5.000	5.000
	1:1	1:1	1:1	3:1	1:1	1:1	1:1

Symbology

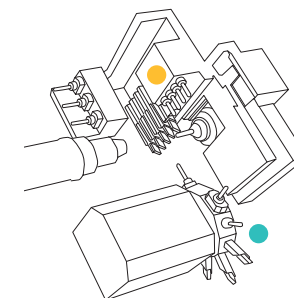
-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



Type	Axial	Axial	Axial Offset	Axial Speeder	Radial Double Output	Radial Double Output	Radial Set-Back
Code	CZ.000.M12/M16-ER11	CZ.000.M12/M16-ER16	CZ.001.M12/M16-ER16	CZ.002.M12/M16	CZ.008.M12/M16	CZ.008.M12/M16-ER11	CZ.011.M12/M16-13
Citizen Ref.	GSC607 / GSC507	GSC510	-	-	-	CZ.008.M12/M16-ER11S	GSE507
	ER-11	ER-16M	ER-16M	ER-11	ER-8M / ER-11	ER-11M	ER-11
RPM Max	8.000	8.000	8.000	16.000	8.000	8.000 / 16.000	8.000
	1:1	1:1	1:1	1:2	1:1	1:1 / 1:2	1:1

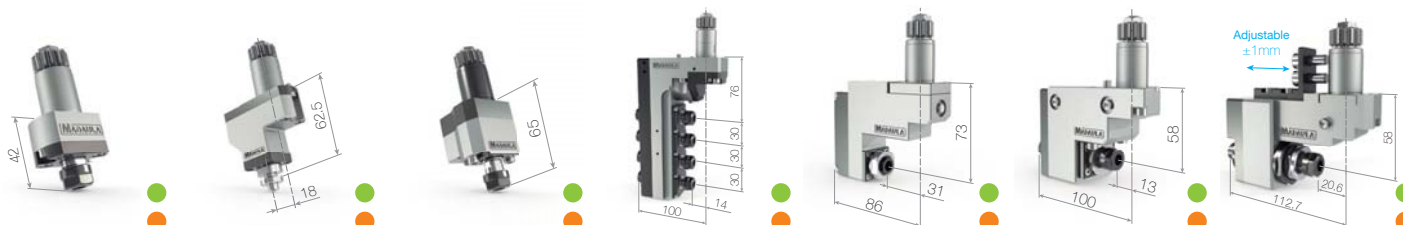


Type	Radial Set-Back	Radial Set-Back Speeder	Radial Adjustable 0-90°	Thread Whirling ±15°	Thread Whirling ±30°	Axial Saw-Mill	Radial "Y" Axis ±15°
Code	CZ.011.M12/M16-20	CZ.013.M12/M16	CZ.021.M12/M16	CZ.035.M12/M16-15	CZ.035.M12/M16-30	CZ.038.M12/M16	CZ.051.M12/M16
Citizen Ref.	GSE508	-	GSA507/GSA407	LSW424	-	GSS250/550/650	-
	ER-11	ER-11	ER-11M	Cutting Head	Cutting Head	Cyl-Shaft	ER-11M
RPM Max	8.000	16.000	6.000 / 16.000	8.000	8.000	8.000	8.000
	1:1	1:2	1:1 / 1:2	1:1	1:1	1:1	1:1

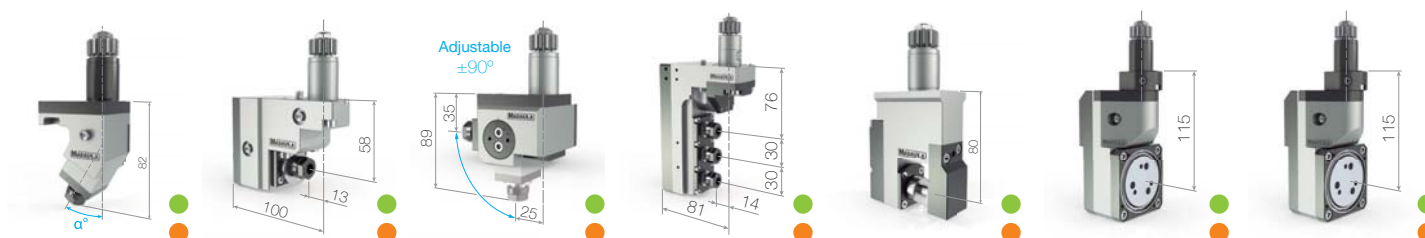


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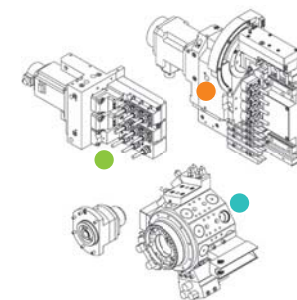
- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Axial	Axial Offset	Axial Speeder	Radial 4+4 Outputs	Radial Set-Back	Radial Set-Back with tool adjust.	Radial Set-Back "Y" Axis Adjust. ±1
Code	CZ.000.M16	CZ.001.M16	CZ.002.M16	CZ.008.M16-8	CZ.011.M16	CZ.011.M16-TA	CZ.011.M16-Y
Citizen Ref.	MSC507	-	-	MSE707	-	-	-
	ER-11	Cyl-Shaft	ER-11	ER-11	ER-11A	ER-11	ER-11
RPM Max	8.000	8.000	16.000	8.000	8.000	8.000	8.000
	1:1	1:1	1:2	1:1	1:1	1:1	1:1

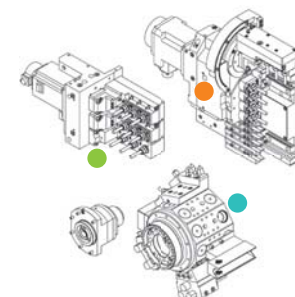


Type	Fixed Angle (Any Angle)	Radial Set-Back Speeder	Radial Adjustable 0-90°	Radial 3 Outputs	Saw-Mill	Thread Whirling ±15°	Thread Whirling ±30°
Code	CZ.012.M16	CZ.013.M16	CZ.021.M16	CZ.029.M16-3	CZ.030.M16	CZ.035.M16-15	CZ.035.M16-30
Citizen Ref.	-	-	-	MSE607	-	-	-
	ER-11	ER-11	ER-11	ER-11	Cyl-Shaft	Cutting Head	Cutting Head
RPM Max	8.000	8.000	8.000	8.000	8.000	8.000	8.000
	1:1	1:1	1:1	1:1	1:1	1:1	1:1

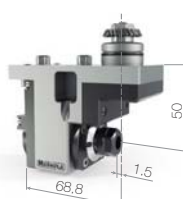
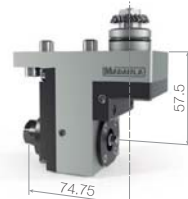


Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



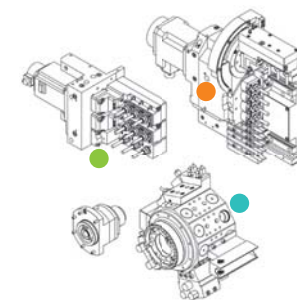
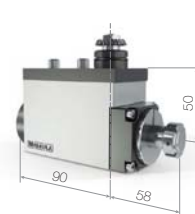
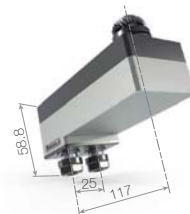
Type	Axial	Axial	Axial Speeder	Radial Double Output	Radial 2+2 Outputs
Code	CZ.000.M12/M16T-ER11	CZ.000.M12/M16T-ER16	CZ.002.M12/M16T	CZ.008.M12/M16T	CZ.008.M12/M16T-4
Citizen Ref.	MSC106/MS107BT	MSC410	-	-	-
	ER-11M	ER-16M	ER-11	ER-11	ER-11M
 RPM Max	6.500	6.500	 13.000	6.500	6.500
	1:1	1:1	1:2	1:1	1:1



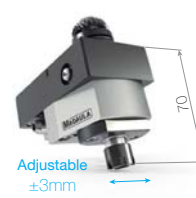
Type	Radial Set-back	Radial Set-back	Radial Set-back Speeder	Radial Set-back IC 15bar	Radial Adjustable 0-30°
Code	CZ.011.M12/M16T	CZ.011.M12/M16T-SUB	CZ.013.M12/M16T	CZ.017.M12/M16T	CZ.021.M12/M16T-ER8
Citizen Ref.	MSE106	-	-	-	-
	ER-11	ER-11	ER-11	ER-11	ER-8M
 RPM Max	6.500	6.500	 18.000	6.500	6.500
	1:1	1:1	1:3	1:1	1:1

Symbology

-  Internal coolant
-  High frequency
-  Speeder
-  Reducer / Higher torque



Type	Radial Adjustable 0-90°	Radial Adjustable 0-30° Speeder	Radial Adjustable 0-30° Speeder	Axial Double Output	Polygon Maker
Code	CZ.021.M12/M16T-ER11	CZ.021.M12/M16T-2S	CZ.021.M12/M16T-3S	CZ.023.M12/M16T	CZ.034.M12/M16T
Citizen Ref.	MSA103/MSA203/MSA303	-	-	MSC407	MSP160/MSP260
	ER-11M	ER-8M	ER-8M	ER-11	Cyl-Shaft
RPM Max	6.500	13.000	18.000	6.500	6.500
	1:1	1:2	1:3	1:1	1:1



Type	Thread Whirling ±15°	Thread Whirling ±30°	Gear Hobbing ±10°	Axial "Y" Axis ±3mm	Radial "Y" Axis
Code	CZ.035.M12/M16T-15	CZ.035.M12/M16T-30	CZ.036.M12/M16T	CZ.050.M12/M16T	CZ.051.M12/M16T
Citizen Ref.	MSW101	-	MSH132/MSH232	MSC206/MSC303	MSM106
	Cutting Head	Cutting Head	Cyl-Shaft	ER-11M	ER-11
RPM Max	3.250	3.250	2.000	6.500	6.500
	2:1	2:1	3:1	1:1	1:1

Symbology

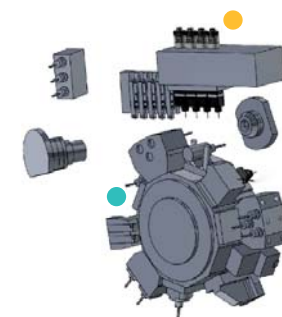
- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Axial	Axial Offset	Axial Speeder	Axial Reducer	Radial Double Output	Radial 2+2 Outputs	Radial 3+3 Outputs
Code	CZ.000.M20/M32	CZ.001.M20/M32	CZ.002.M20/M32	CZ.003.M20/M32	CZ.008.M20/M32	CZ.008.M20/M32-4	CZ.008.M20/M32-6
Citizen Ref.	GSC507	-	-	-	GSE306	-	-
	ER-16	ER-16	ER-11M	ER-16A	ER-11M	ER-11M	ER-11M
RPM Max	5.000	5.000	15.000	1.600	5.000	5.000	5.000
	1:1	1:1	1:3	3:1	1:1	1:1	1:1

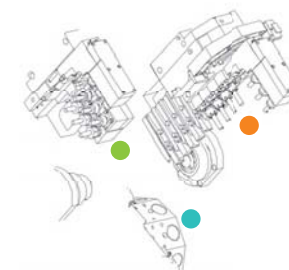
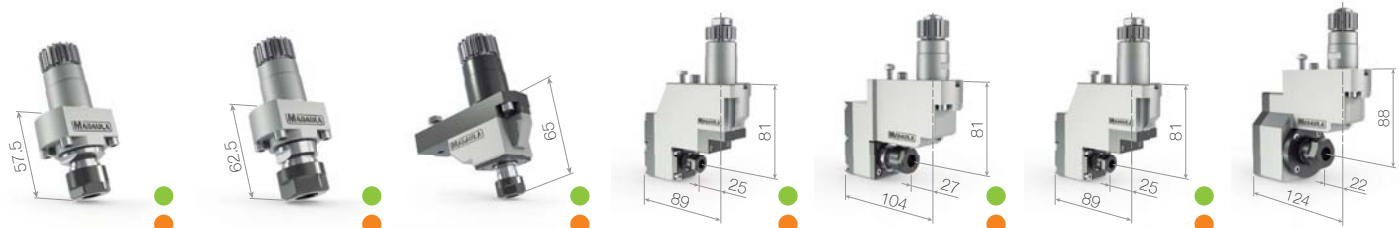


Type	Radial Set-Back	Radial Set-Back Speeder	Radial Adjustable 0-90°	Radial 3 Outputs	Thread Whirling ±15°	Thread Whirling ±30°	Radial "Y" Axis ±90°
Code	CZ.011.M20/M32	CZ.013.M20/M32	CZ.021.M20/M32	CZ.029.M20/M32-3	CZ.035.M20/M32-15	CZ.035.M20/M32-30	CZ.051.M12/M16-3
Citizen Ref.	GSE607	GSE508	-	-	LSW215	-	-
	ER-11M	ER-11M	ER-11M	ER-11M	Cutting Head	Cutting Head	ER-11M
RPM Max	5.000	15.000	5.000	5.000	5.000	5.000	5.000
	1:1	1:3	1:1	1:1	1:1	1:1	1:1



Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



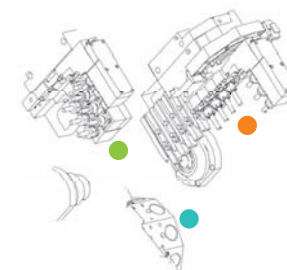
Type	Axial	Axial	Axial Speeder	Radial Set-Back	Radial Set-Back	Radial Set-Back Speeder	Radial Set-Back Reducer
Code	CZ.000.M32-ER16	CZ.002.M32-ER20	CZ.002.M32	CZ.011.M32-ER11	CZ.011.M32-ER16	CZ.013.M32	CZ.014.M32
Citizen Ref.	GSC1110/GSC1310	-	-	-	-	-	-
	ER-16	ER-20	ER-11	ER-11	ER-16	ER-11	ER-20
RPM Max	6.000	6.000	12.000	6.000	6.000	12.000	2.000
	1:1	1:1	1:2	1:1	1:1	1:2	1:1



Type	Radial Adjustable ±90°	Radial 3 Outputs	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°	Gear Hobbing ±32°	Axial Saw-Mill
Code	CZ.021.M32	CZ.029.M32-3	CZ.034.M32	CZ.035.M32-15	CZ.035.M32-30	CZ.036.M32	CZ.038.M32
Citizen Ref.	-	GSE1510	-	-	-	-	-
	ER-11M	ER-16	Cyl-Shaft	Cutting head	Cutting head	Cyl-Shaft	Cyl-Shaft
RPM Max	6.000	6.000	6.000	2.000	2.000	6.000	6.000
	1:1	1:1	1:1	3:1	3:1	1:1	1:1

Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Axial	Axial	Axial	Axial Offset	Axial Offset	Axial Speeder	Axial Speeder
Code	CZ.000.M20/M32T-ER16	CZ.000.M20/M32T-ER20	CZ.000.M20/M32T-ER25	CZ.001.M20/M32T-O145	CZ.001.M20/M32T-O110	CZ.002.M20/M32T-2	CZ.002.M20/M32T-3
Citizen Ref.	KSC110 / KSC910	-	-	-	-	-	-
	ER-16	ER-20	ER-25M	ER-16	ER-16	ER-11	ER-11
RPM Max	5.000	5.000	5.000	5.000	5.000	10.000	15.000
	1:1	1:1	1:1	1:1	1:1	1:2	1:3

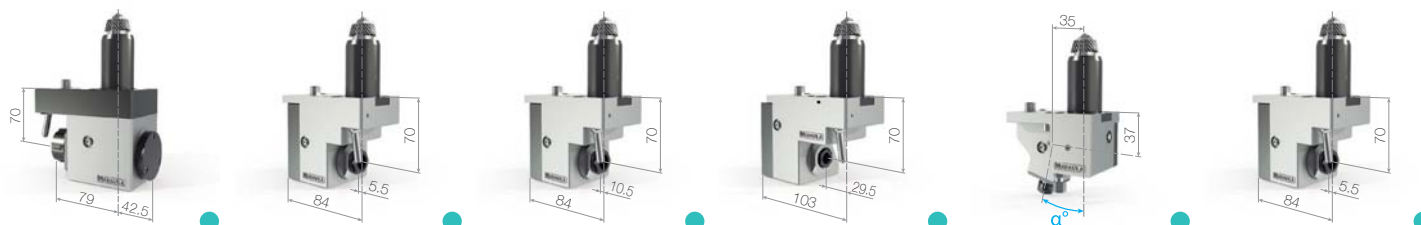


Type	Axial Offset Reducer	Axial IC 15 bar	Axial Offset IC 15 bar	Axial Offset Speeder IC 15 bar	Radial Double Output	Radial Double Output	Radial 2+2 Outputs
Code	CZ.003.M20/M32T	CZ.005.M20/M32T	CZ.006.M20/M32T	CZ.007.M20/M32T	CZ.008.M20/M32T-ER11	CZ.008.M20/M32T-ER16	CZ.008.M20/M32T-4
Citizen Ref.	-	KSC110BT	-	-	-	-	-
	ER-16	ER-20	ER-16	ER-11	ER-11M	ER-16M / ER16A	ER-11M
RPM Max	2.500	5.000	5.000	15.000	5.000	5.000	5.000
	2:1	1:1	1:1	1:3	1:1	1:1	1:1

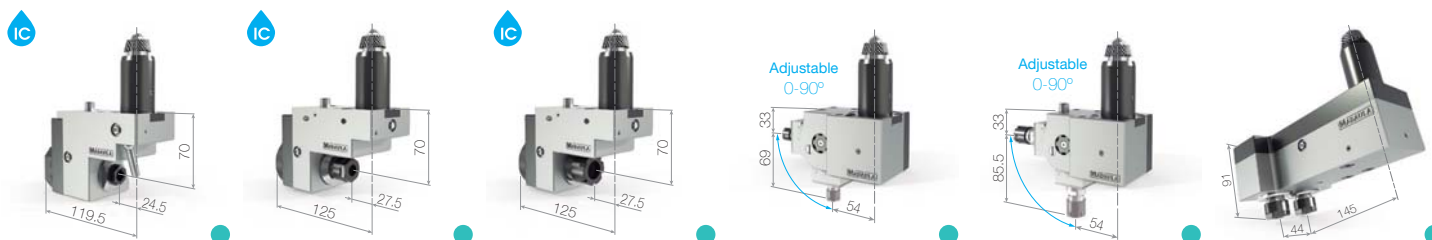


Symbology

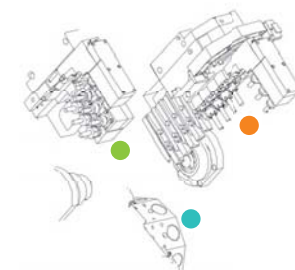
- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Radial	Radial Set-back	Radial Set-back	Radial Set-back	Fixed Angle (Any Angle)	Radial Set-back Speeder
Code	CZ.010.M20/M32T	CZ.011.M20/M32T-ER20	CZ.011.M20/M32T-ER16/O10	CZ.011.M20/M32T-ER16/O29	CZ.012.M20/M32T	CZ.013.M20/M32T
Citizen Ref.	-	-	-	KSE110	-	-
	ER-25	ER-20A	ER-16A	ER-16A	ER-11	ER-16A
RPM Max	5.000	5.000	5.000	5.000	5.000	10.000
	1:1	1:1	1:1	1:1	1:1	1:2

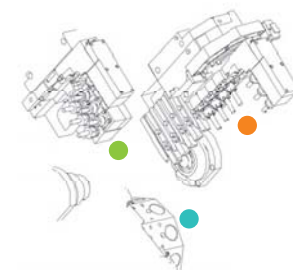


Type	Radial Set-back IC 15 bar	Radial Set-back IC 15 bar	Radial Set-back IC 15 bar	Radial Adjustable 0-90°	Radial Adjustable 0-90°	Axial Double Output
Code	CZ.017.M20/M32T-ER16A	CZ.017.M20/M32T-ER16	CZ.017.M20/M32T-ER25	CZ.021.M20/M32T-ER11	CZ.021.M20/M32T-ER16	CZ.023.M20/M32T
Citizen Ref.	-	-	-	KSA107/107BT/207	-	KSC510
	ER-16A	ER-16	ER-25M	ER-11M	ER-16M	ER-16
RPM Max	5.000	5.000	5.000	5.000	5.000	5.000
	1:1	1:1	1:1	1:1	1:1	1:1

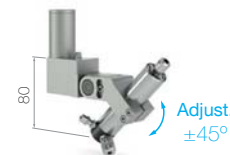
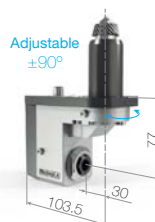


Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque



Type	Radial 2 Outputs	Radial 3 Outputs	Thread Whirling ±15°	Thread Whirling ±32°	Gear Hobbing ±30° Reducer	Gear Hobbing ±30° Reducer
Code	CZ.029.M20/M32T	CZ.029.M20/M32T-3	CZ.035.M20/M32T-15	CZ.035.M20/M32T-32	CZ.036.M20/M32T-3	CZ.036.M20/M32T-8
Citizen Ref.	-	-	KSW101	-	KSH132	-
	ER-16A	ER-16	Cutting Head	Cutting Head	Cyl-Shaft	Cyl-Shaft
RPM Max	5.000	3.500	5.000	5.000	1.600	626
	1:1	1:1.6	1:1	1:1	3:1	8:1



Type	Axial Saw-Mill	Axial Saw-Mill Offset Reducer	Radial "Y" Axis ±90°	Radial "Y" Axis ±90° Speeder	High Frequency Spindle 90° holder	Adjust. ±45° High Frequency Spindle
Code	CZ.038.M20/M32T	CZ.038.M20/M32T-R	CZ.051.M20/M32T	CZ.051.M20/M32T-S	CZ.010.M20/M32T-HFS	CZ.021.M20/M32T-HFS
Citizen Ref.	-	KSS760/763/860/863	-	-	-	-
	Cyl-Shaft	Cyl-Shaft	ER-16A	ER-16A	ER-8	ER-8
RPM Max	5.000	2.500	5.000	10.000	80.000	80.000
	1:1	2:1	1:1	1:2	*Includes converter + slip ring unit for turret mounting	

Symbology

- Internal coolant
- High frequency
- Speeder
- Reducer / Higher torque