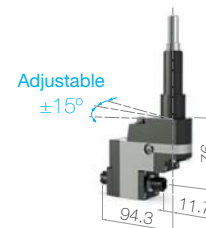
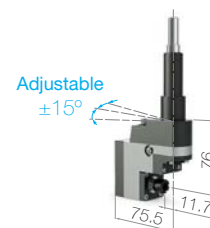
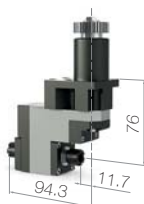


Type	Radial Double Output	Radial Set-Back	Radial Adjustable 0-90°	Saw-Mill
Code	HW.008.SL35	HW.011.SL35	HW.021.SL35	HW.030.SL32HP
	ER-11M	ER-11M	ER-11	Ø10
RPM Max	8.000	8.000	8.000	8.000
	1:1	1:1	1:1	1:1

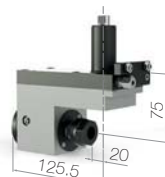
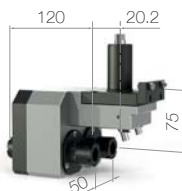


Type	Radial Double Output	Radial Set-Back	Radial "Y" Axis ±15°	Radial "Y" Axis ±15° Double Output
Code	HW.008.SL20/26S	HW.011.SL20/26H	HW.051.SL20/26H	HW.051.SL20/26H-2
	ER-11M	ER-11M	ER-11M	ER-11M
RPM Max	8.000	8.000	8.000	8.000
	1:1	1:1	1:1	1:1

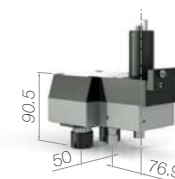
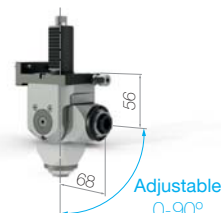
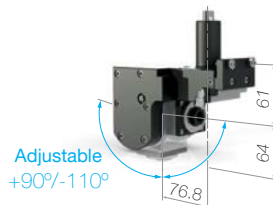


Symbology

-  Internal coolant
-  Speeder
-  Reducer / Higher torque



Type	Axial	Radial 2+2 Outputs	Radial Set-Back	Radial Set-Back
Code	HW.000.STL	HW.008.STL	HW.011.STL-A	HW.011.STL-B
	ER-20M	ER-20M	ER-20	ER-25A
RPM Max	6.000	6.000	6.000	6.000
	1:1	1:1	1:1	1:1



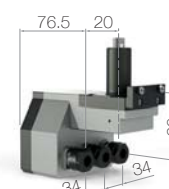
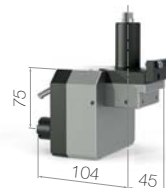
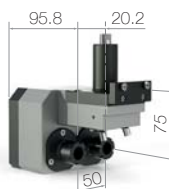
Type	Radial Set-Back Subspindle	Radial Adjustable +90/-110°	Radial Adjustable 0-90°	Axial Offset Double Output
Code	HW.011.STL-SUB	HW.021.STL-A	HW.021.STL-B	HW.023.STL-A
	ER-20	ER-16A	ER-16A	ER-20M
RPM Max	6.000	6.000	6.000	6.000
	1:1	1:1	1:1	1:1

Symbology

 Internal coolant

 Speeder

 Reducer / Higher torque



Type	Axial Double Output	Radial 2 Outputs	Radial 2 Outputs Subspindle	Radial 3 Outputs
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Code	HW.023.STL-B	HW.029.STL	HW.029.STL-SUB	HW.029.STL-3
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	ER-20	ER-20M	ER-20M	ER-16
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RPM Max	6.000	6.000	6.000	6.000
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	1:1	1:1	1:1	1:1
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Type	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°	Gear Hobbing 360°
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Code	HW.034.STL	HW.035.STL-15	HW.035.STL-30	HW.036.STL
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	Ø16	Cutting head	Cutting head	Ø16
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RPM Max	6.000	3.000 	3.000 	6.000
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	1:1	2:1	2:1	1:1
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Symbology

 Internal coolant

 Speeder

 Reducer / Higher torque



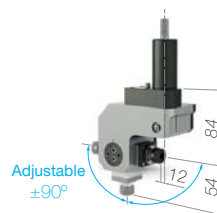
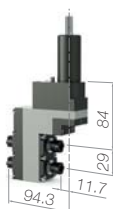
Type	Axial	Axial	Axial	Axial Speeder	Radial Double Output
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Code	HW.000.XD2-A	HW.000.XD2-B	HW.000.XD2-C	HW.002.XD2	HW.008.XD2
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	ER-11	ER-16	ER-20	ER-11	ER-11M
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RPM Max	6.000	6.000	6.000	12.000	6.000
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	1:1	1:1	1:1	1:2	1:1
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Type	Radial 2+2 Outputs	Radial 3+3 Outputs	Radial Adjustable ±90°	Radial 2 Outputs	Radial 3 Outputs
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Code	HW.008.XD2-4	HW.008.XD2-6	HW.021.XD2	HW.029.XD2	HW.029.XD2-3
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	ER-11M	ER-11M	ER-11	ER-11M	ER-11M
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RPM Max	6.000	6.000	6.000	6.000	6.000
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	1:1	1:1	1:1	1:1	1:1
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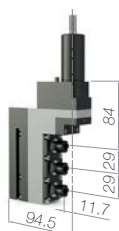


Symbology

Internal coolant

Speeder

Reducer / Higher torque



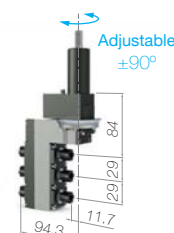
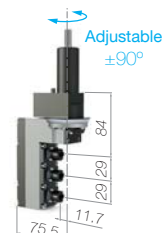
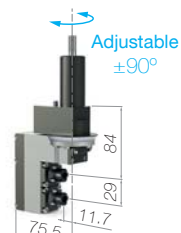
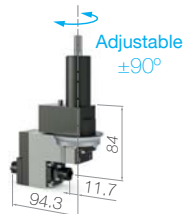
Type	Radial 3 Outputs Output IC 80 bar 	Saw-Mill Reducer Heavy Duty	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°
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Code	HW.029.XD2-3IC	HW.030.XD2	HW.034.XD2	HW.035.XD2-15	HW.035.XD2-30
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	ER-11M	Ø13/Ø16	Ø13 /Ø16	Cutting head	Cutting head
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RPM Max	6.000	2.000 	6.000	6.000	6.000
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	1:1	3:1	1:1	1:1	1:1
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Type	Radial "Y" Axis ±90°	Radial "Y" Axis ±90° Double Output	Radial "Y" Axis ±90° 2 Outputs	Radial "Y" Axis ±90° 3 Outputs	Radial "Y" Axis ±90° 3+3 Outputs
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Code	HW.051.XD2	HW.051.XD2-2A	HW.051.XD2-2B	HW.051.XD2-3	HW.051.XD2-6
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	ER-11M	ER-11M	ER-11M	ER-11M	ER-11M
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RPM Max	6.000	6.000	6.000	6.000	6.000
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	1:1	1:1	1:1	1:1	1:1
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Symbology

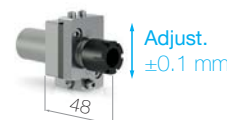
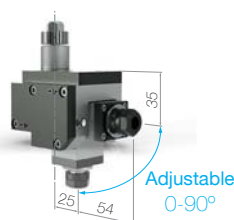
 Internal coolant

 Speeder

 Reducer / Higher torque



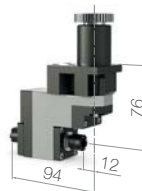
Type	Axial Back Rotary Tool	Axial Speeder Back Rotary Tool	Radial Double Output Back Rotary Tool	Radial Set-Back Back Rotary Tool
Code	HW.000.XD1-BE	HW.002.XD1-BE	HW.008.XD1-BE	HW.011.XD1-BE
	ER-11	ER-11	ER-11M	ER-11A
RPM Max	6.000	12.000	6.000	6.000
	1:1	1:2	1:1	1:1



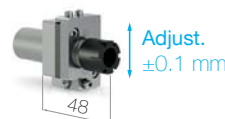
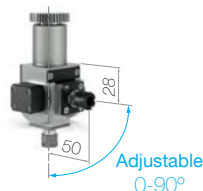
Type	Radial Set-Back Reducer Back Rotary Tool	Radial Adjustable 0-90° Back Rotary Tool	Tool Holder with Fine "Y" Axis Adjust. ± 0.1 mm	Saw-Mill Reducer Back Rotary Tool
Code	HW.014.XD1-BE	HW.021.XD1-BE	HW.025.XD1-BE	HW.030.XD1-BE
	ER-16A	ER-11M	ER-16M	$\emptyset 5 / \emptyset 6 / \emptyset 8 / \emptyset 12.7$
RPM Max	3.000	6.000	-	3.000
	2:1	1:1	-	2:1

Symbology

- Internal coolant
- Speeder
- Reducer / Higher torque



Type	Axial Back Rotary Tool	Axial Speeder Back Rotary Tool	Radial Double Output Back Rotary Tool	Radial Set-Back Back Rotary Tool
Code	HW.000.XD2-BE	HW.002.XD2-BE	HW.008.XD2-BE	HW.011.XD2-BE
ER-16	ER-16	ER-11M	ER-11M	ER-11M
RPM Max	6.000	12.000	6.000	6.000
	1:1	1:2	1:1	1:1



Type	Radial Set-Back Reducer Back Rotary Tool	Radial Adjustable 0-90° Back Rotary Tool	Tool Holder with Fine "Y" Axis Adjust. ± 0.1 mm	Saw-Mill Back Rotary Tool
Code	HW.014.XD2-BE	HW.021.XD2-BE	HW.025.XD2-BE	HW.030.XD2-BE
ER-16	ER-16	ER-11M	ER-16M	$\varnothing 13$
RPM Max	4.000	6.000	-	6.000
	1.5:1	1:1	-	1:1

Symbology

Internal coolant

Speeder

Reducer / Higher torque



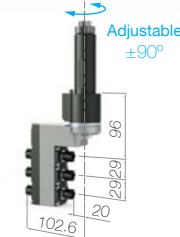
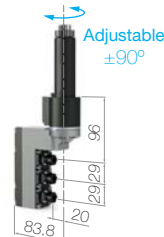
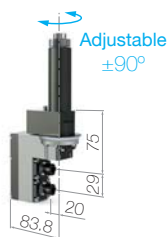
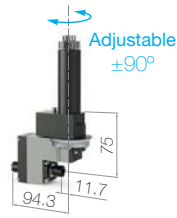
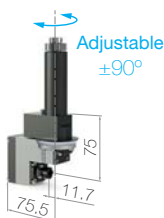
Type	Radial 3 Outputs IC 80 bar 	Saw-Mill Reducer Heavy Duty	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°
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Code	HW.029.XD3-3IC	HW.030.XD3	HW.034.XD3	HW.035.XD3-15	HW.035.XD3-30
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	ER-11M	Ø16	Ø16	Cutting head	Cutting head
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RPM Max	8.000	2.600 	8.000 	8.000	8.000
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	1:1	3:1	2:1	1:1	1:1
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Type	Radial "Y" Axis ±90°	Radial "Y" Axis ±90° Double Output	Radial "Y" Axis ±90° 2 Outputs	Radial "Y" Axis ±90° 3 Outputs	Radial "Y" Axis ±90° 3+3 Outputs
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Code	HW.051.XD3	HW.051.XD3-2A	HW.051.XD3-2B	HW.051.XD3-3	HW.051.XD3-6
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	ER-11M	ER-11M	ER-11M	ER-11M	ER-11M
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RPM Max	8.000	8.000	8.000	8.000	8.000
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	1:1	1:1	1:1	1:1	1:1
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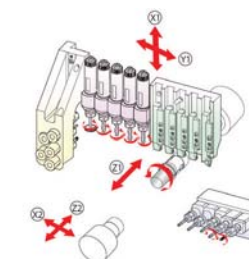


Symbology

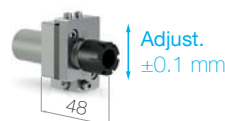
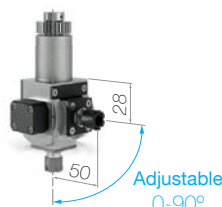
 Internal coolant

 Speeder

 Reducer / Higher torque



Type	Axial Back Rotary Tool	Axial Speeder Back Rotary Tool	Radial Double Output Back Rotary Tool	Radial Set-Back Back Rotary Tool
Code	HW.000.XD3-BE	HW.002.XD3-BE	HW.008.XD3-BE	HW.011.XD3-BE
ER-16	ER-16	ER-11	ER-11M	ER-11M
RPM Max	6.000	12.000	6.000	6.000
1:1	1:1	1:2	1:1	1:1



Type	Radial Set-Back Red. Back Rotary Tool	Radial Adjustable 0-90° Back Rotary Tool	Tool Holder with Fine "Y" Axis Adjustable ± 0.1	Saw-Mill Back Rotary Tool
Code	HW.014.XD3-BE	HW.021.XD3-BE	HW.025.XD3-BE	HW.030.XD3-BE
ER-16	ER-16	ER-11M	ER-16M	$\varnothing 13$
RPM Max	4.000	6.000	-	6.000
1:1	1.5:1	1:1	-	1:1

Symbology

- Internal coolant
- Speeder
- Reducer / Higher torque