HANWHA

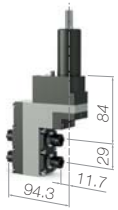
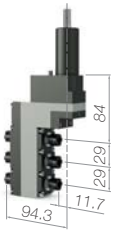
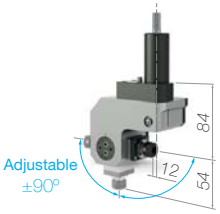
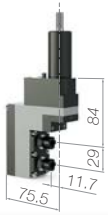
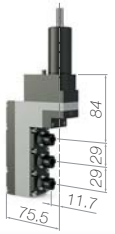
MODELS

XD 12/16H, XD 20/26H

Cross Drill Tooling

MADAULA
creative solutions

Type	**Axial**	**Axial**	**Axial**	**Axial Speeder**	**Radial Double Output**
Code	HW.000.XD2-A	HW.000.XD2-B	HW.000.XD2-C	HW.002.XD2	HW.008.XD2
	ER-11	ER-16	ER-20	ER-11	ER-11M
RPM Max	6.000	6.000	6.000	12.000	6.000
	1:1	1:1	1:1	1:2	1:1

					
Type	**Radial 2+2 Outputs**	**Radial 3+3 Outputs**	**Radial Adjustable ±90°**	**Radial 2 Outputs**	**Radial 3 Outputs**
Code	HW.008.XD2-4	HW.008.XD2-6	HW.021.XD2	HW.029.XD2	HW.029.XD2-3
	ER-11M	ER-11M	ER-11	ER-11M	ER-11M
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
- Speeder
- Reducer / Higher torque

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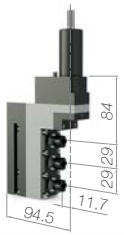
HANWHA

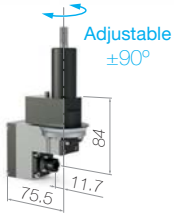
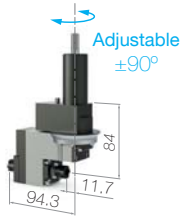
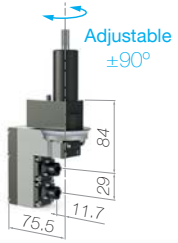
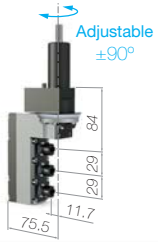
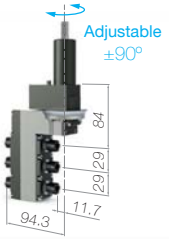
MODELS

XD 12/16H, XD 20/26H

Cross Drill Tooling

MADAULA creative solutions

Type	Radial 3 Outputs Output IC 80 bar	Saw-Mill Reducer Heavy Duty	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°
					
Code	HW.029.XD2-3IC	HW.030.XD2	HW.034.XD2	HW.035.XD2-15	HW.035.XD2-30
	ER-11M	Ø13/Ø16	Ø13 /Ø16	Cutting head	Cutting head
RPM Max	6.000	2.000	6.000	6.000	6.000
	1:1	3:1	1:1	1:1	1:1

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
					
Code	HW.051.XD2	HW.051.XD2-2A	HW.051.XD2-2B	HW.051.XD2-3	HW.051.XD2-6
	ER-11M	ER-11M	ER-11M	ER-11M	ER-11M
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
- Speeder
- Reducer / Higher torque

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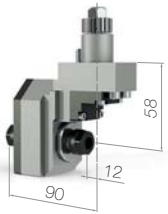
HANWHA

MODEL

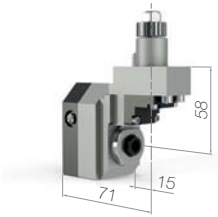
XD 12/16H

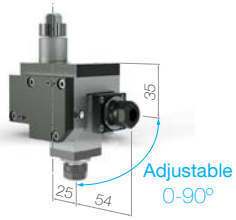
Back End Tooling

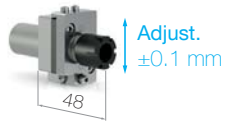
MADAULA
creative solutions



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	Ø5 / Ø6 / Ø8 / Ø12.7
RPM Max	3.000	6.000	-	3.000
	2:1	1:1	-	2:1

Symbology

- Internal coolant
- Speeder
- Reducer / Higher torque

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HANWHA

MODEL

XD 20/26H

Back End Tooling

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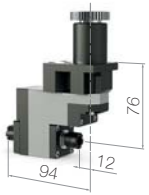
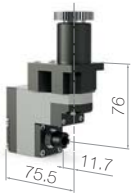
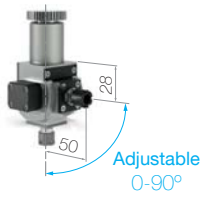
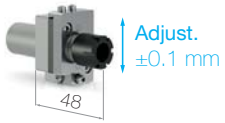
creative solutions

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-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-11M	ER-16M	Ø13
RPM Max	4.000	6.000	-	6.000
	1.5:1	1:1	-	1:1

Symbology

- Internal coolant
- Speeder
- Reducer / Higher torque

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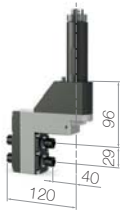
HANWHA

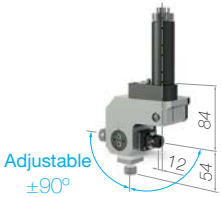
MODEL

XD 32/35/38-II

Cross Drill Tooling

MADAULA creative solutions

					
Type	**Axial**	**Axial Speeder**	**Radial Double Output**	**Radial 2+2 Outputs**	**Radial 3+3 Outputs**
Code	HW.000.XD3	HW.002.XD3	HW.008.XD3	HW.008.XD3-4	HW.008.XD3-6
	ER-16M	ER-11	ER-11M	ER-11M	ER-11M
RPM Max	8.000	16.000	8.000	8.000	8.000
	1:1	1:2	1:1	1:1	1:1

					
Type	**Radial Set-Back**	**Radial Adjustable ±90°**	**Radial 2 Outputs**	**Radial 3 Outputs**	**Radial 3 Outputs**
Code	HW.011.XD3	HW.021.XD3	HW.029.XD3	HW.029.XD3-3A	HW.029.XD3-3B
	ER-11M	ER-11	ER-11M	ER-11M	ER-16
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
- Speeder
- Reducer / Higher torque

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MODEL

XD 32/35/38-II

Cross Drill Tooling

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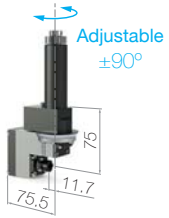
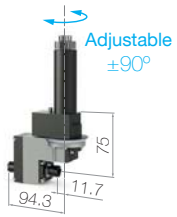
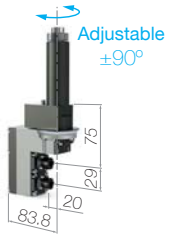
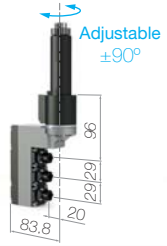
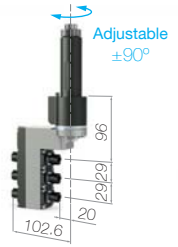
Type	Radial 3 Outputs IC 80 bar	Saw-Mill Reducer Heavy Duty	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°
Code	HW.029.XD3-3IC	HW.030.XD3	HW.034.XD3	HW.035.XD3-15	HW.035.XD3-30
	ER-11M	Ø16	Ø16	Cutting head	Cutting head
RPM Max	8.000	2.600	8.000	8.000	8.000
	1:1	3:1	2:1	1:1	1:1

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
					
Code	HW.051.XD3	HW.051.XD3-2A	HW.051.XD3-2B	HW.051.XD3-3	HW.051.XD3-6
	ER-11M	ER-11M	ER-11M	ER-11M	ER-11M
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
- Speeder
- Reducer / Higher torque

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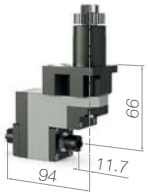
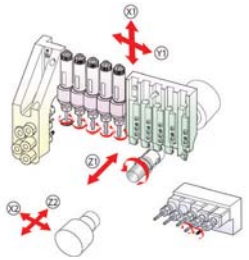
MODEL

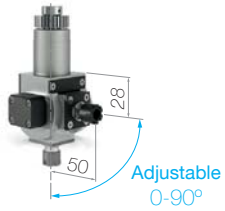
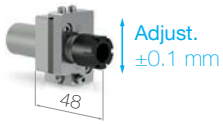
XD 32/35/38-II

Back End Tooling

MADAULA creative solutions

				
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-11	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 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-11M	ER-16M	Ø13
RPM Max	4.000	6.000	-	6.000
	1.5:1	1:1	-	1:1

Symbology

- Internal coolant
- Speeder
- Reducer / Higher torque

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HANWHA

MODEL

STL 32H/35H/38H

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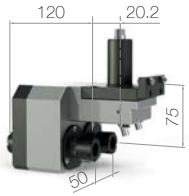
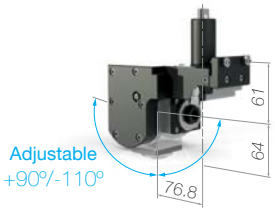
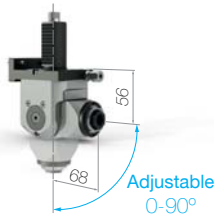
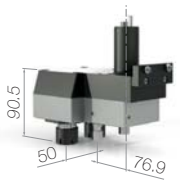


Type	Axial	Radial 2+2 Outputs	Radial Set-Back	Radial Set-Back
Code	HW.000.STL	HW.008.STL	HW.011.STL-A	HW.011.STL-B
	ER-20M	ER-20M	ER-20	ER-25A
RPM Max	6.000	6.000	6.000	6.000
	1:1	1:1	1:1	1:1







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

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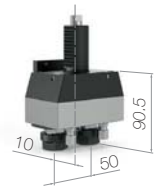
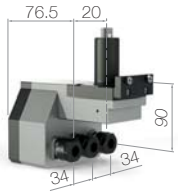
HANWHA

MODEL

STL 32H/35H/38H

MADAULA
creative solutions





Type	Axial Double Output	Radial 2 Outputs	Radial 2 Outputs Subspindle	Radial 3 Outputs
Code	HW.023.STL-B	HW.029.STL	HW.029.STL-SUB	HW.029.STL-3
	ER-20	ER-20M	ER-20M	ER-16
RPM Max	6.000	6.000	6.000	6.000
	1:1	1:1	1:1	1:1

Type	Polygon Maker	Thread Whirling ±15°	Thread Whirling ±30°	Gear Hobbing 360°
Code	HW.034.STL	HW.035.STL-15	HW.035.STL-30	HW.036.STL
	Ø16	Cutting head	Cutting head	Ø16
RPM Max	6.000	3.000	3.000	6.000
	1:1	2:1	2:1	1:1

Symbology

- Internal coolant
- Speeder
- Reducer / Higher torque

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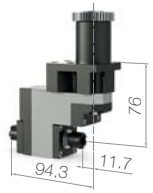
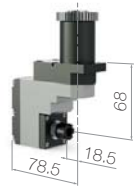
HANWHA

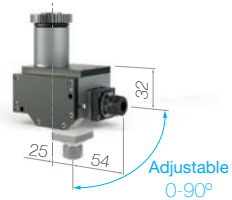
MODELS

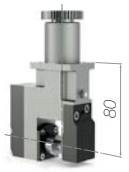
SL 26/32/35 HPII, SL 26/32/35 HPD, SL 20/26S - SL 20/26H

MADAULA
creative solutions

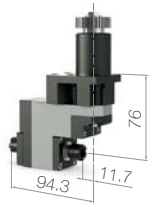


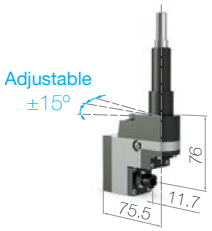


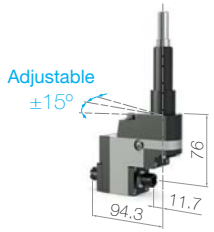




Type	Radial Double Output	Radial Set-Back	Radial Adjustable 0-90°	Saw-Mill
Code	HW.008.SL35	HW.011.SL35	HW.021.SL35	HW.030.SL32HP
	ER-11M	ER-11M	ER-11	Ø10
RPM Max	8.000	8.000	8.000	8.000
	1:1	1:1	1:1	1:1







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

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