

## Company description

### AGATHON LTD., Standards

AGATHON is a family owned company, founded in 1918 and is well known as a leading manufacturer of **Press-Tool Standards** and **Guide elements** for the machine, mould and fixture construction industries.

The products of this Swiss company feature the highest quality material and surface finish, together with the most precise tolerance.

Other convincing features are:

- Special lead-in geometry on pillars and bushings to increase durability
- The patented staking of the rolling elements guarantees optimal clearance and best retention in the cage.
- Standard parts available from stock
- Convincing price/performance ratio

AGATHON's anti-friction guide elements extend the service intervals and increase the lifetime of your tools.

We offer you the following **products**:

- **Guide elements programme to ISO/DIN-Standards.** Cylindrical, quick-change and for installation on guide plate.
  - Plain guides
  - Ball guides for high-precision radial- and axial movements (patent)
  - Roller guides (patent)
  - Cage retaining system (patent)
- **Miniature linear bearings**, Ø 3 to 12 mm
- **Guide elements in Inch**, according **AFNOR-Standards** and for **plastic injection moulds**
- **Die-Sets** in cast iron, steel and aluminium
- **Special parts** according to customer's specifications/drawings are manufactured (e.g. stainless steel material)

### Electronic product catalogue for higher efficiency

Instead of making drawings yourself, you can download AGATHON's ISO/DIN/AFNOR- programme as **2D/3D** component and integrate into the drawing. The CADENAS software offers interfaces to most current CAD software.

### Roller guides:

For higher rigidity and considerable radial load.

The Roller cages are provided with a newly developed, milled retaining pocket with corresponding staking for the roller bearing (patent).



### PRECISION PAYS!

Ask for documentation on our extended product range or for the address of our local distributor.

AGATHON Ltd. Standards  
CH-4503 Solothurn / Switzerland

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Fax + 41 32 617 47 01  
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[www.agathon.com](http://www.agathon.com)

### Direktwahl

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Telefax: +41 (0)32 617 4704  
E-mail: [markus.allenspach@agathon.ch](mailto:markus.allenspach@agathon.ch)

### Niederlassungen

AGATHON Machine Tools, Inc.  
Bethel CT 06801 - USA  
AGATHON (U.K.) Ltd.  
Daventry Northants NN11 5EA

**Complete programme:**



**Direktwahl**

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## Electronic product catalogue:

Schnellwechsel mit Bund Agathon6571.032.180

	IDNR	D1	D2	D4	D5	D7	L1	L2	L4	LX	ISO
	Art.-Nr.	d1 [mm]	d2 [mm]	d4 [mm]	d5 [mm]	d7 [mm]	l1 [mm]	l2 [mm]	l4 [mm]	lx [mm]	ISO-Norm
42	6571.032.180	32	32	56	40	M8x20	180	37	217	5	ISO 9182-5-D- 32x180
43	6571.032.200	32	32	56	40	M8x20	200	37	237	5	ISO 9182-5-D- 32x200
44	6571.032.224	32	32	56	40	M8x20	224	37	261	5	ISO 9182-5-D- 32x224
45	6571.032.250	32	32	56	40	M8x20	250	37	287	5	ISO 9182-5-D- 32x250
46	6571.032.280	32	32	56	40	M8x20	280	37	317	5	ISO 9182-5-D- 32x280
47	6571.038.125	38	38	66	50	M8x20	125	37	162	5	ISO 9182-5-D- 38x125
48	6571.038.140	38	38	66	50	M8x20	140	37	177	5	ISO 9182-5-D- 38x140
49	6571.038.160	38	38	66	50	M8x20	160	37	197	5	ISO 9182-5-D- 38x160
50	6571.038.180	38	38	66	50	M8x20	180	37	217	5	ISO 9182-5-D- 38x180
51	6571.038.200	38	38	66	50	M8x20	200	37	237	5	ISO 9182-5-D- 38x200
52	6571.038.224	38	38	66	50	M8x20	224	37	261	5	ISO 9182-5-D- 38x224
53	6571.038.250	38	38	66	50	M8x20	250	37	287	5	ISO 9182-5-D- 38x250
54	6571.038.280	38	38	66	50	M8x20	280	37	317	5	ISO 9182-5-D- 38x280

Links

Einstellungen

Bemessungsansicht:  
 Massbild  
 Zusatzinformationen

Darstellungsmodus:

2D Vorschau

3D Vorschau

Schnellwechsel mit Bund

100.0 User

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