



DAISO

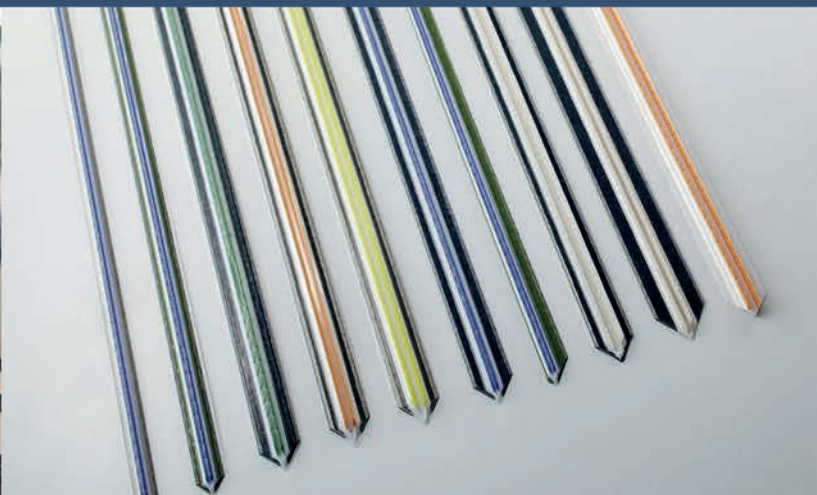
M. Busch

EUROPE

Product Catalogue 2021 / 2022

PRECISE DIECUTTING

EFFICIENT PROCESSING



Creasing Matrix

5 - 11



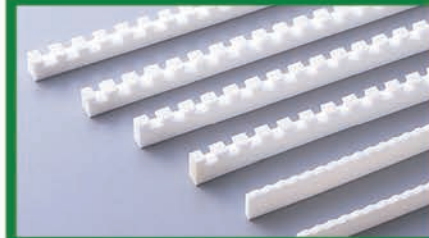
Tuning Creasing

12 - 14



Rubber

15 - 25



Make-Ready

26 - 28



Stripping

29 - 32



Blanking

33



X-tra

34 - 37



Nicks

38 - 40



Counter Material

41



Cutting Plates

42 - 43



Steel Rules & Tools

44 - 51



Rule Processing

52 - 56



Cleaning | Maintenance

57 - 64



Platen Cleaning

65 - 66

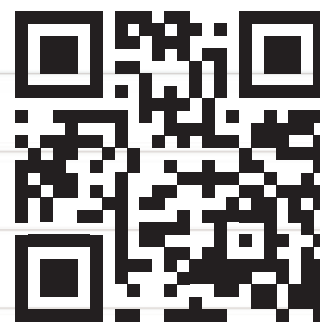


Service

67 - 69



Notes

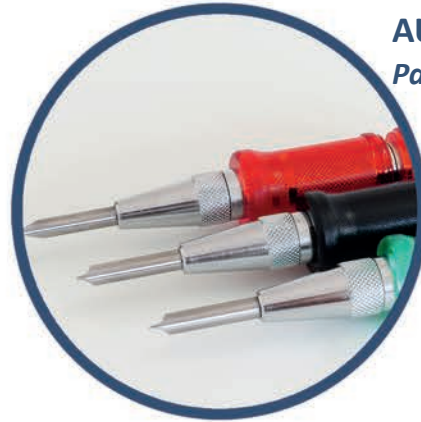


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Highlights



SUTEBA
Stripping Blades
Page 29



AUTO-NICK-PUNCH
Page 38



SHARPENER
Page 34



PLATEN CLEANING
Page 65

New Products



G-TAPE REEL
Page 6



BALANCE CREASE
Page 34



STRIPPING CLAWS
Page 32



**SCISSORS FOR 45°
MITRE CUT**
Page 13

PERFECT PRICE-PERFORMANCE RATIO

Higher Creasing Quality:

- Locator with integrated guide strip profile
- More grip on the creasing rule
- Higher precision when transferring to the cutting plate
- No falling off during turning
- Even short pieces hold reliably
- Optimal post-processing possible

Better Production Stability:

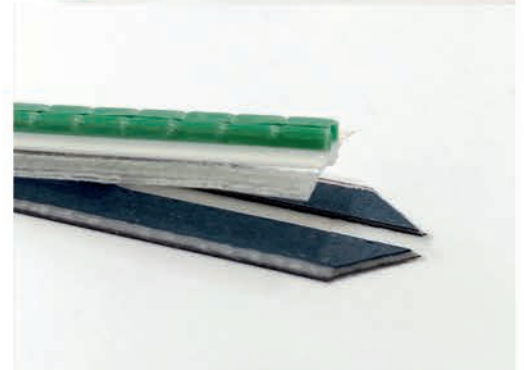
- Very high mechanical resistance
- Wear-resistant material (≥ 300.000 die-cuttings)
- Antistatic material prevents dust binding

Lateral Film Gluing

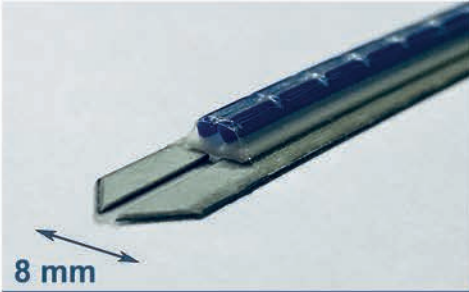
- No adhesive residues
- No falling out of the locators
- High heat resistance and strong adhesion

More environmentally friendly materials

- Over 50 % less plastic than other creasing matrixes
- Base material made of vulcanised fibre = bio-composite material made of cotton and wood pulp → biodegradable
- Reduced plastic content in the locator due to the use of olefinic thermoplastic elastomers (TPO) → food-safe & excellent release properties



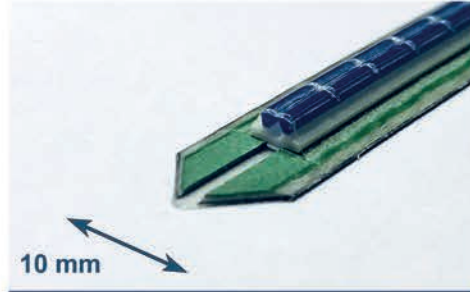
CARTON / CARDBOARD



8 mm

M

- Creasing Rule: 2-3 pt (0.71 - 1.05 mm)
- Total width: 8 mm
- Box Content: 50 x 70 cm = 35 m



10 mm

A

- Creasing Rule: 2-3 pt (0.71 - 1.05 mm)
- Total width: 10 mm
- Box Content: 100 x 70 cm = 70 m

| M | | | A | | | | | |
|------------------------------------|-----------|-----------|-------------------|-----------|-----------|-----------|-----------|-----------|
| Total Width 8 mm | | | Total Width 10 mm | | | | | |
| Thickness x Creasing Width (in mm) | | | | | | | | |
| 0,3 x 0,8 | 0,4 x 0,8 | 0,5 x 0,8 | 0,3 x 0,8 | 0,4 x 0,8 | 0,5 x 0,8 | 0,6 x 0,8 | 0,7 x 1,5 | 0,8 x 2,1 |
| 0,3 x 1,0 | 0,4 x 1,0 | 0,5 x 1,0 | 0,3 x 1,0 | 0,4 x 1,0 | 0,5 x 1,0 | 0,6 x 1,0 | 0,7 x 1,7 | 0,8 x 2,5 |
| 0,3 x 1,2 | 0,4 x 1,1 | 0,5 x 1,2 | 0,3 x 1,2 | 0,4 x 1,1 | 0,5 x 1,1 | 0,6 x 1,1 | 0,7 x 1,9 | 0,8 x 2,7 |
| 0,3 x 1,3 | 0,4 x 1,2 | 0,5 x 1,3 | 0,3 x 1,3 | 0,4 x 1,2 | 0,5 x 1,2 | 0,6 x 1,2 | 0,7 x 2,1 | 0,8 x 3,0 |
| 0,3 x 1,4 | 0,4 x 1,3 | 0,5 x 1,4 | 0,3 x 1,4 | 0,4 x 1,3 | 0,5 x 1,3 | 0,6 x 1,3 | 0,7 x 2,3 | |
| 0,3 x 1,5 | 0,4 x 1,4 | 0,5 x 1,5 | 0,3 x 1,5 | 0,4 x 1,4 | 0,5 x 1,4 | 0,6 x 1,4 | 0,7 x 2,7 | |
| | 0,4 x 1,5 | 0,5 x 1,6 | | 0,4 x 1,5 | 0,5 x 1,5 | 0,6 x 1,5 | 0,7 x 3,0 | |
| | 0,4 x 1,6 | 0,5 x 1,7 | | 0,4 x 1,6 | 0,5 x 1,6 | 0,6 x 1,7 | | |
| | 0,4 x 1,7 | 0,5 x 1,9 | | 0,4 x 1,7 | 0,5 x 1,7 | 0,6 x 1,9 | | |
| | 0,4 x 1,9 | 0,5 x 2,0 | | 0,4 x 1,9 | 0,5 x 1,9 | 0,6 x 2,1 | | |
| | | | | | 0,5 x 2,1 | 0,6 x 2,3 | | |
| | | | | | 0,5 x 2,2 | 0,6 x 2,5 | | |
| | | | | | 0,5 x 2,4 | 0,6 x 2,7 | | |
| | | | | | | 0,6 x 3,0 | | |

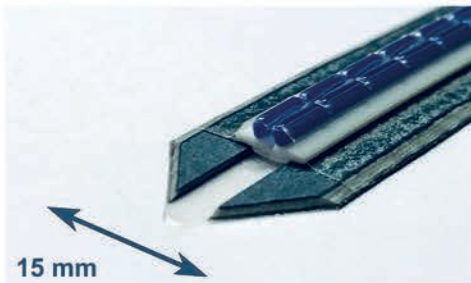
* Other sizes and total width 12 mm available on request

G-Tape on Reels

- All locators (2 - 8 pt) up to a thickness of 0.8 mm
- Particularly suitable for the production of larger packaging and displays
- Reduced waste

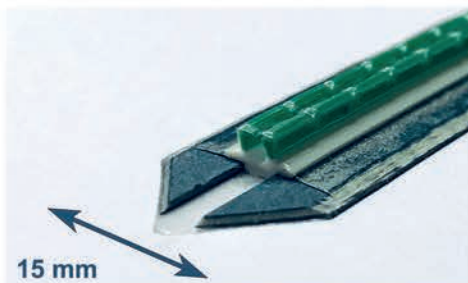


CORRUGATED CARDBOARD



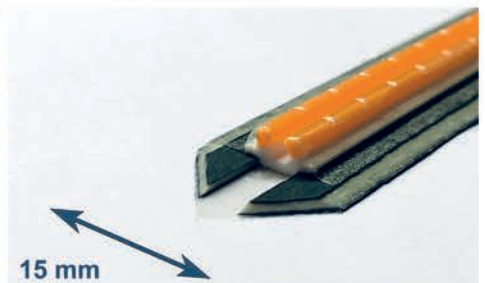
S

- Creasing Rule: 2-3 pt (0.71 - 1.05 mm)
- Total width: 15 mm
- Box Content: 50 x 70 cm = 35 m



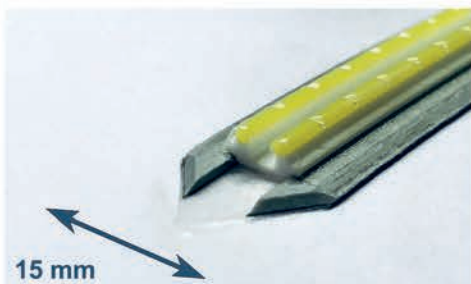
B

- Creasing Rule: 4 pt (1.42 mm)
- Total width: 15 mm
- Box Content: 50 x 70 cm = 35 m



C

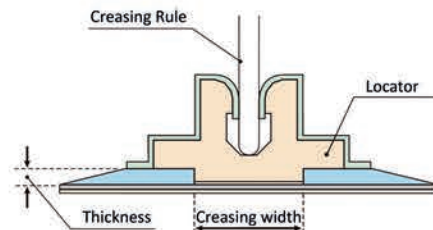
- Creasing Rule: 6 pt (2 mm)
- Total width: 15 mm
- Box Content: 50 x 70 cm = 35 m



D

- Creasing Rule: 8 pt (3 mm)
- Total width: 15 mm
- Box Content: 50 x 70 cm = 35 m

M | A | B | S | C | D

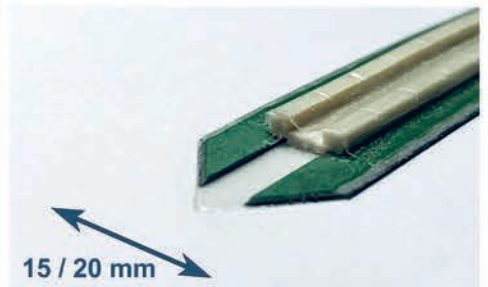
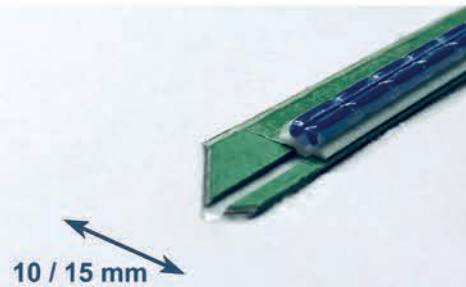
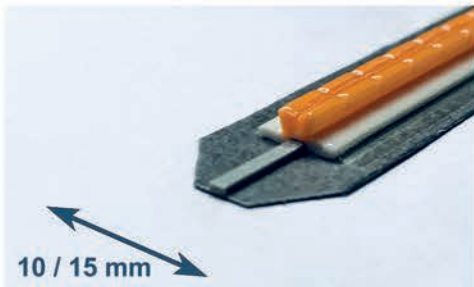


| S | | B | | | C | | | | D | | | | | |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total Width 15 mm | | | | | | | | | | | | | | |
| Thickness x Creasing Width (in mm) | | | | | | | | | | | | | | |
| 0,5 x 2,1 | 0,6 x 2,1 | 0,7 x 2,1 | 0,8 x 2,5 | 1,0 x 3,0 | 0,6 x 2,5 | 0,7 x 2,5 | 0,8 x 2,7 | 1,0 x 3,0 | 0,6 x 3,0 | 0,7 x 3,0 | 0,8 x 3,0 | 1,0 x 4,0 | 0,8 x 5,0 | 1,0 x 5,0 |
| 0,5 x 2,3 | 0,6 x 2,3 | 0,7 x 2,3 | 0,8 x 2,7 | 1,0 x 3,5 | 0,6 x 2,7 | 0,7 x 2,7 | 0,8 x 3,0 | 1,0 x 3,2 | 0,6 x 3,2 | 0,7 x 3,2 | 0,8 x 3,2 | 1,0 x 4,5 | 0,8 x 6,0 | 1,0 x 6,0 |
| 0,5 x 2,5 | 0,6 x 2,7 | 0,7 x 2,5 | 0,8 x 3,0 | 1,0 x 4,0 | 0,6 x 2,8 | 0,7 x 3,0 | 0,8 x 3,2 | 1,0 x 3,5 | 0,6 x 3,5 | 0,7 x 3,5 | 0,8 x 3,5 | 1,0 x 5,0 | 0,8 x 7,0 | 1,0 x 7,0 |
| 0,5 x 2,7 | 0,6 x 3,0 | 0,7 x 2,7 | 0,8 x 3,2 | | 0,6 x 3,0 | 0,7 x 3,2 | 0,8 x 3,5 | 1,0 x 4,0 | 0,6 x 4,0 | 0,7 x 4,0 | 0,8 x 4,0 | 1,0 x 6,0 | | |
| 0,5 x 3,0 | 0,6 x 3,2 | 0,7 x 3,0 | 0,8 x 3,5 | | 0,6 x 3,2 | 0,7 x 3,5 | 0,8 x 4,0 | 1,0 x 4,5 | 0,6 x 4,5 | 0,7 x 4,5 | 0,8 x 4,5 | | | |
| | 0,6 x 3,5 | | 0,8 x 4,0 | | 0,6 x 3,5 | 0,7 x 4,0 | 0,8 x 4,5 | 1,0 x 5,0 | 0,6 x 5,0 | 0,7 x 5,0 | 0,8 x 5,0 | | | |
| | 0,6 x 4,0 | | 0,8 x 5,0 | | 0,6 x 4,0 | 0,7 x 4,5 | 0,8 x 5,0 | 1,0 x 6,0 | | 0,7 x 6,0 | 0,8 x 6,0 | | | |
| | | | | | 0,6 x 4,5 | 0,7 x 5,0 | 0,8 x 6,0 | | | | | | | |
| | | | | | 0,6 x 5,0 | | | | | | | | | |

* Other sizes and total width 12 mm available on request

Creasing Matrix

G-Tape Special



G

Reverse Creasing

- Total Width: 15 mm (G-1 = 10 mm)
- Box Content: 50 x 70 cm = 35 m

W

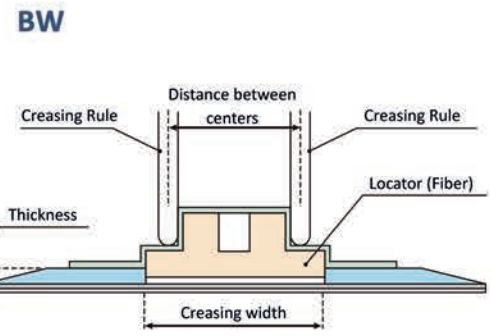
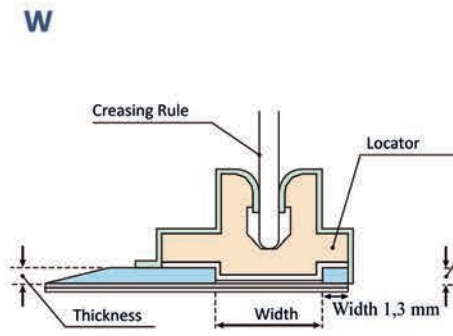
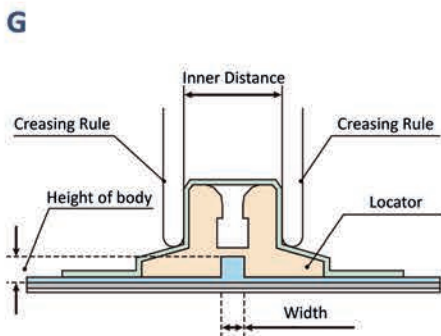
Off-Center for Double Creasing with a short distance between creasing rules

- Creasing Rule: 2-3 pt (0.71-1.05 mm)
- Total width: 10/15 mm
- Box Content: 50 x 70 cm = 35 m

BW

Double Creasing for 180° folding of corrugated board

- Total width: 15/20 mm
- Box Content: 50 x 70 cm = 35 m



| Reverse Creasing G Type | | | Off-Center / Double Creasing W Type | | | | | | | Double Creasing BW Type | | | |
|-------------------------|-------------|----------------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|---|---------------|---------------|-------------|
| Thickness | Width | Inner Distance | Thickness x Creasing Width | | | | | | | Thickness x Creasing Width/Distance Center-Center | | | |
| 0,6 | 2 pt (0,7) | 1,7 | 0,3 x 1,0 | 0,4 x 1,0 | 0,5 x 1,0 | 0,6 x 1,2 | 0,7 x 1,0 | 0,8 x 2,1 | 1,0 x 3,0 | 0,6 x 5,0/3 | 0,7 x 5,0/3 | 0,8 x 5,0/3 | 1,0 x 5,0/3 |
| 0,8 | 3 pt (1,05) | 2,4 | 0,3 x 1,2 | 0,4 x 1,2 | 0,5 x 1,2 | 0,6 x 1,3 | 0,7 x 1,5 | 0,8 x 2,3 | 1,0 x 3,2 | 0,6 x 6,0/4 | 0,7 x 6,0/4 | 0,8 x 6,0/4 | 1,0 x 6,0/4 |
| 1,0 | 4 pt (1,4) | 3,0 | 0,3 x 1,3 | 0,4 x 1,3 | 0,5 x 1,3 | 0,6 x 1,4 | 0,7 x 1,7 | 0,8 x 2,7 | | 0,6 x 7,0/5 | 0,7 x 7,0/5 | 0,8 x 7,0/5 | 1,0 x 7,0/5 |
| 1,0 | 6 pt (2,0) | 4,0 | 0,3 x 1,4 | 0,4 x 1,5 | 0,5 x 1,5 | 0,6 x 1,5 | 0,7 x 1,9 | 0,8 x 3,0 | | 0,6 x 8,0/5 | 0,7 x 8,0/5 | 0,8 x 8,0/5 | 1,0 x 8,0/5 |
| 1,0 | 8 pt (3,0) | 5,0 | 0,3 x 1,5 | 0,4 x 1,7 | 0,5 x 1,7 | 0,6 x 1,6 | 0,7 x 2,1 | | | 0,7 x 9,0/6,5 | 0,8 x 9,0/6,5 | 1,0 x 9,0/6,5 | |
| | | | | 0,4 x 1,9 | 0,5 x 1,9 | 0,6 x 1,7 | 0,7 x 2,3 | | | | | | |
| | | | | | 0,5 x 2,1 | 0,6 x 1,9 | 0,7 x 2,7 | | | | | | |
| | | | | | 0,5 x 2,3 | 0,6 x 2,1 | 0,7 x 3,0 | | | | | | |
| | | | | | 0,5 x 2,7 | 0,6 x 2,3 | 0,7 x 3,0 | | | | | | |
| | | | | | | 0,6 x 2,7 | | | | | | | |
| | | | | | | 0,6 x 3,0 | | | | | | | |

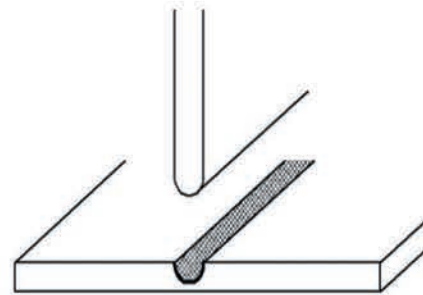
*Other sizes available on request



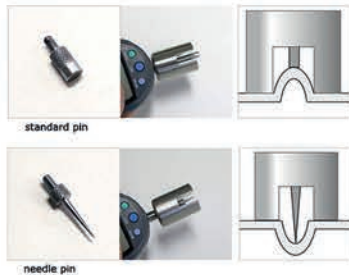
RAIL TAPE

- Height: 0.6 mm
- Width: 20 mm
- Length: 600 mm

- Diecutting thin paper (approx. 180 – 260 g)
- The creasing rule forms the creasing channel during diecutting



CREASE GAUGE



Measuring with High Quality

- Measuring the height / depth of creasing
- Quality control with simple steps
- Record of creasing data for long run job

| Order No. | Description | PU |
|-----------|--------------------------------|------|
| CG-S | Crease Gauge with Standard Pin | 1 pc |
| CG-N | Crease Gauge with Needle Pin | 1 pc |
| CG-SS | Standard Pin | 1 pc |
| CG-SN | Needle Pin | 1 pc |

Application Accessories

Cutter Clean - Cutting Plate Cleaner with Antistatic Effect
Page 59

X-Design - The High-Performance Cutter
Page 36

XSR-300 - The Scraper
Page 37

G-Tape Recommendation Cardboard

| Weight per m ² | Material Thickness (mm) | Creasing Rule Thickness x Height | Recommendation G-Tape | | |
|---------------------------|-------------------------|----------------------------------|-----------------------|-----------|---------------|
| | | | Item Code | Thickness | Channel Width |
| 50 g | 0.063 - 0.065 | 2 pt (0.7 mm) x 23.5 | A-0308 | 0.3 | 0.8 |
| 180 g | 0.22 - 0.23 | 2 pt (0.7 mm) x 23.5 | A-0312 | 0.3 | 1.2 |
| 200 g | 0.26 - 0.27 | 2 pt (0.7 mm) x 23.5 | A-0312 | 0.3 | 1.2 |
| 230 g | 0.29 - 0.30 | 2 pt (0.7mm) x 23.5 | A-0313 | 0.3 | 1.3 |
| 270 g | 0.34 - 0.35 | 2 pt (0.7 mm) x 23.4 | A-0414 | 0.4 | 1.4 |
| 300 g | 0.39 - 0.40 | 2 pt (0.7mm) x 23.4 | A-0415 | 0.4 | 1.5 |
| 350 g | 0.44 - 0.46 | 2 pt (0.7 mm) x 23.3 | A-0516 | 0.5 | 1.6 |
| | | 3 pt (1.05 mm) x 23.3 | A-0519 | 0.5 | 1.9 |
| 400 g | 0.50 - 0.52 | 2 pt (0.7 mm) x 23.3 | A-0517 | 0.5 | 1.7 |
| | | 3 pt (1.05 mm) x 23.3 | A-0520 | 0.5 | 2.0 |
| 450 g | 0.57 - 0.59 | 2 pt (0.7 mm) x 23.2 | A-0619 | 0.6 | 1.9 |
| | | 3 pt (1.05 mm) x 23.2 | A-0622 | 0.6 | 2.2 |
| 500 g | 0.63 - 0.65 | 2 pt (0.7 mm) x 23.2 | A-0620 | 0.6 | 2.0 |
| | | 3 pt (1.05 mm) x 23.2 | A-0623 | 0.6 | 2.3 |
| 550 g | 0.70 - 0.72 | 3 pt (1.05 mm) x 23.1 | A-0725 | 0.7 | 2.5 |
| | | 4 pt (1.4 mm) x 23.1 | B-0727 | 0.7 | 2.7 |
| 600 g | 0.76 - 0.78 | 3 pt (1.05 mm) x 23.0 | A-0827 | 0.8 | 2.7 |
| | | 4 pt (1.4 mm) x 23.0 | B-0830 | 0.8 | 3.0 |

Note: These recommendations may vary slightly because of material quality.

**Channel Width (C) =
2 x Thickness of Material (B) + Thickness of Creasing Rule (A)**

Example calculation:

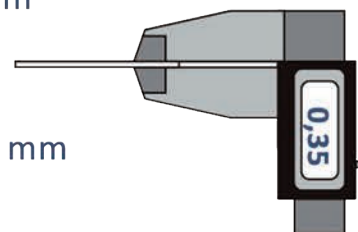
Scenario: Weight per m² = 270 g → A = 2 pt (0,7 mm), B = 0,35 mm

C = 2 x 0,35 mm + 0,7 mm = 0,7 mm + 0,7 mm

C = 1,4 mm

Selection:

1. 2 pt = A-Type 2. B = 0,35 mm 3. C = 1,4 mm



A-0414

G-Tape Recommendation Corrugated Board

| Parameter | | | Combination | Creasing Rules | | | | |
|-------------|-----------------|--------------------|------------------------------------|----------------|---------|---------|---------------|---------|
| Flute | Diecutting side | Material Thickness | Cutting Rule Height x Thickness | 2 pt | 3 pt | 4 pt | 6 pt | 8 pt |
| | | | | F | Printed | 0.8 mm | 23.0 x 3/4 pt | *A-0622 |
| F | Inner | 0.8 mm | 23.0 x 3/4 pt | *A-0623 | A-0623 | B-0627 | | |
| E | Printed | 1.5 mm | 23.0 x 4 pt | | A-0624 | B-0627 | C-0832 | |
| E | Inner | 1.5 mm | 23.0 x 4 pt | | S-0627 | B-0630 | C-0835 | |
| E-laminated | Printed | 1.5 mm | 23.0 x 4 pt | | A-0827 | B-0830 | C-0835 | |
| E-laminated | Inner | 1.5 mm | 23.0 x 4 pt | | S-0630 | B-0632 | C-0835 | |
| B | Inner | 3.0 mm | 23.0 x 4/6 pt | | S-0830 | B-0835 | C-0840 | D-0850 |
| B-laminated | Inner | 3.0 mm | 23.0 x 4/6 pt | | S-0830 | B-0835 | C-0840 | D-0850 |
| C | Inner | 4.0 mm | 22.9 x 4/6 pt | | S-0835 | B-0840 | C-1040 | D-1050 |
| FE | Inner | 2.3 mm | 23.1 x 3/4 pt | | S-0827 | B-0832 | C-0840 | D-0850 |
| EE | Inner | 3.0 mm | 23.0 x 4/6 pt | | S-0830 | B-0835 | C-0840 | D-0850 |
| EB | Inner | 4.5 mm | 22.8 x 6/8 pt | | | *B-0840 | C-1050 | D-1060 |
| EC | Inner | 5.5 mm | 22.7 x 6-8 pt | | | *B-0845 | C-1050 | D-1060 |
| BC | Inner | 7.0 mm | 22.2/22.3 x 6/8 pt | | | *B-1045 | C-1050 | D-1070 |

* Only applied if tools equipped with corresponding creasing rules are used

Note: These recommendations may vary slightly because of material quality.

Channel Width (C) =
2,2 x Thickness of Compressed Material (B) + Thickness of Creasing Rule (A)

Example calculation:

Scenario: B-Flute → A = 8 pt (3,0 mm), B = 0,8 mm

C = 2,2 x 0,8 mm + 3,0 mm = 1,76 mm + 3,0 mm

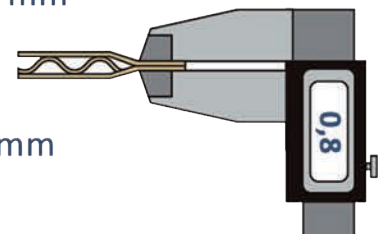
C = 4,76 mm ≈ 5,0 mm

Selection:

1. 8 pt = D-Type 2. B = 0,8 mm 3. C = 5,0 mm



D-0850



Consulting + Test Service
for application, size or rubbers
Page 69

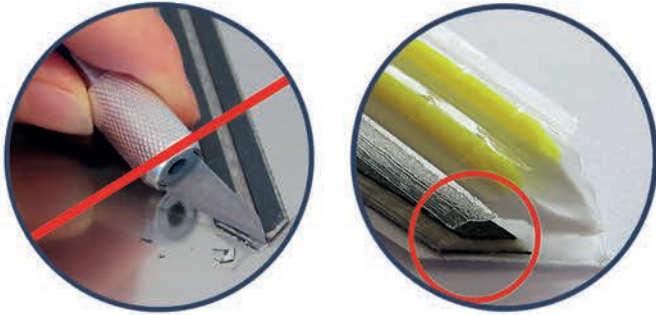
Tuning Creasing

VS-IV DAISO CUTTER



More Time to Produce

- Double 45° mitre cut & chamfering in a single step
- Set-up time optimisation due to elimination of need of reworking
- Side stop for adjusting the width
- Perfect waste ejection
- *Exclusive for our Creasing Matrix G-Tape*



VS-IV Specifications:

- Length: 740 mm
- Width: 90 mm
- Height: 310 mm
- Weight: 6,8 kg

Time saving

Manual chamfering of edges takes
aprox. **10 min**

↓

5 Orders per day = 50 min
The usage of our Cutter will save
20 hours per month

↓

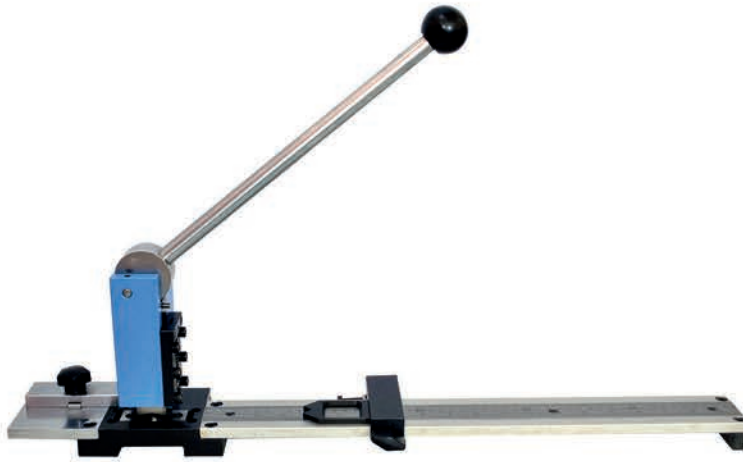
+ No risk of contamination
because of waste pieces of products
+ No risk of cuts

| Order No. | Description | PU |
|-----------|--|-------|
| DC-500 | Daiso Cutter with 500 mm measure scale | 1 pc |
| DC-700 | Daiso Cutter with 700 mm measure scale | 1 pc |
| DC-M | Daiso Cutter - Spare Blades | 2 pcs |
| DC-SP | Daiso Cutter - Spare Needle | 1 pc |



**Application video
on our website**

STANDARD MATRIX CUTTER



The Classic for Creasing Matrix

- Cutting of creasing matrix with double 45° mitre cut
- Waste ejection downwards through the counter cutting plate
- Side stop for adjusting the width



Application video
on our website

| Order No. | Description | PU |
|-----------|---|------|
| MC-500 | Matrix Cutter with 500 mm measure scale | 1 pc |
| MC-700 | Matrix Cutter with 700 mm measure scale | 1 pc |
| MC-S | Matrix Cutter - Spare Blade | 1 pc |

45° SCISSORS



Easy Cutting of Creasing Matrix

- Stop collar for 45° mitre cut
- Cutting length 50 mm
- Coated blade → exchangeable
- User-friendly plastic handle

| Order No. | Description | PU |
|-----------|------------------------|------|
| GS | Scissors | 1 pc |
| GS-EK | Scissors - Spare Blade | 1 pc |



Tuning Creasing

SUPER-G



Creasing Matrix



Pertinax

Prevention instead of Wasting Time

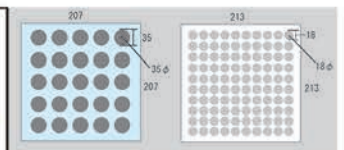
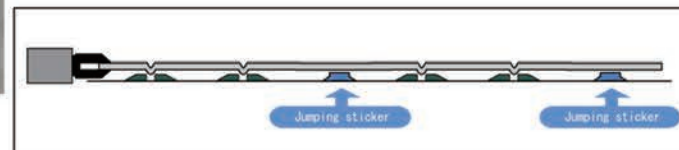
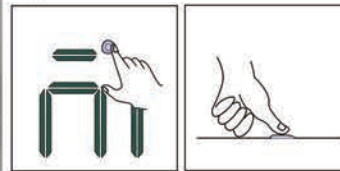
- Special glue for higher production security & creasing quality
- Additional fixing of creasing matrix and Pertinax → pulls itself under the material and hardens

| Order No. | Description | PU |
|-----------|----------------|-------|
| G2 | Super-G - 2 g | 2 pcs |
| G50 | Super-G - 50 g | 1 pc |

JUMP STICKER



Application:



Sheet-Lifting instead of Tearing Off

- No early separation in die-cutter
- Less torn and displaced creasing matrixes
- Less production interruptions

| Order No. | Description | PU |
|-----------|------------------------|-------|
| JUMP | Jump Sticker - 100 pcs | 1 set |

LIBIC TAPE



Creating Transitions - Preventing Edges

- Aluminium based tape
- Better sliding over the creasing matrix
- No loosening due to frictional heat
- Increased production security
- No tape residues on the products

| Order No. | Description (Thickness x Width x Length) | PU |
|-----------|--|---------|
| LT-6 | Libic-Tape - 0.06 mm x 6 mm x 10 m | 5 rolls |
| LT-15 | Libic-Tape - 0.06 mm x 15 mm x 10 m | 5 rolls |



Application videos for all 3 products on our website



Rubber is a science in itself: A good rubber coating has a massive impact on the performance of a die-form and thus on the productivity of the die-cutting machine. Various applications and materials require a wide variety of rubbers. In addition to traditional plate products, rubber profiles are increasingly becoming an indispensable tool.

- 1. Ejection Rubber** **P. 16**
- 2. Rubber Profile**
Application:
 - a) Cutting Rules **P. 20**
 - b) Creasing Rules **P. 22**
 - c) Perforating and Cut-Crease **P. 23**
 - d) Slots **P. 24**
- 3. Accessories** **P. 24**

1. EJECTION RUBBER

All customized **heights** available on request.

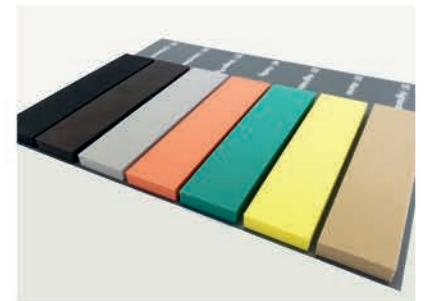
On request all ejection rubbers are also available with **self-adhesive** and as a **strip product**.

Cutting into Strips

- Straight cut 
- Corrugated cut 
- Serrated cut 
- Strips with separator 
- Trapezoidal profile 

SPEED X

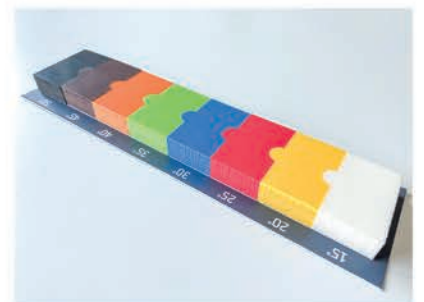
- Ideal for:
 - Machine speeds up to 9.000 sheets/hour
 - Runs up to 1.000.000
 - Standard applications for flatbed diecutting
- Without skin
- The right hardness at a glance thanks to colour coding
- Reduction of cutting pressure & minimisation of disturbing impressions
- Less nicks & faster sheet transfer
- Raw material EVA → UV-resistant & long lasting
- Certified as safe for the production of food packaging (ISEGA)



Hardness (Shore A): 15° | 25° | 35° | 45° | 55° | 65° | 75°

SPEED EJECT

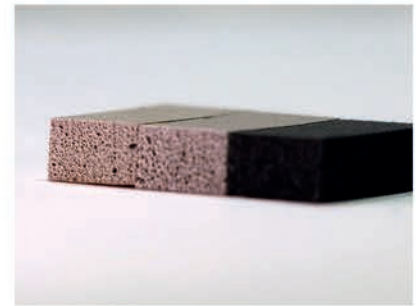
- Ideal for:
 - Machine speeds over 9.000 sheets/hour
 - Runs over 1.000.000
 - Repeat runs and special applications with flatbed and rotary die-cutters
- Skin one side
- The right hardness at a glance thanks to colour coding
- Extreme wear resistance → no intermediate maintenance necessary
- UV-resistant & durable
- Less blade wear & dust formation
- Clean cutting edges → less angel hair



Hardness (Shore A): 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50°

OPEN CELL SPONGE RUBBER

- Skin one side
- High compressibility
- Durable & temperature resistant



Hardness (Shore A): 15° | 25°
| 35°

CLOSED CELL RUBBER

- Without skin or skin one side
- Raw material base NBR/SBR



Hardness (Shore A): 15° | 20°
| 25°

CLOSED CELL GAS BLOWN

- Without skin or skin one side
- Application mainly in the processing of corrugated board
- Raw material base EPDM
- UV-resistant & durable
- High elasticity
- High temperature resistance



Hardness (Shore A): 15° | 20°

ROTARY RUBBER

- Skin one Side
- Application in the rotation range
- Red or grey



Hardness (Shore A): ca. 25°

Rubber

VULCAN

- Good and durable compression
- High impact resilience
- Good abrasion resistance
- Durable & heat resistant
- Large sheets available for special use on water jet machines



Density (RG): 35 | 45/50 | 60/65

VULCAN GREY

- Good and durable compression
- High impact resilience
- Good abrasion resistance
- Durable & heat resistant



Density (RG): 35/40 | 45/50 | 60/65 | 70/75

CORK

- High elasticity and recovery
- Wear resistant & durable
- Antistatic



Hardness (Shore A): 65°

ULTRA STRIPPING FOAM

- Low density and thermal conductivity with only low strength
- Simple processing and handling
- Optional: cutting into cubes

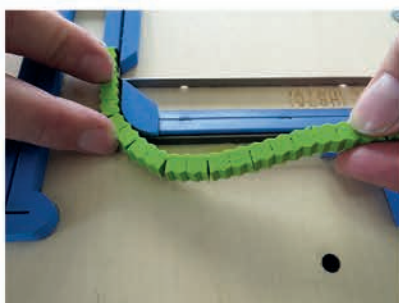


Density (RG): 40 | 50

THE JAPANESE SPECIALITIES

FLEX RUBBER

- Fast rubberising of contours (curves, circles & corners)
- Easy to cut to length by tearing off
- Self-adhesive



Hardness (Shore A): 30°

| Order No. | Description (Height x Width x Length in mm) | PU |
|-----------|---|-----------|
| F8 | Flex Rubber - 8 x 8 x 450 | 10 strips |
| F10 | Flex Rubber - 10 x 8 x 450 | 10 strips |



Application-Video
on our website

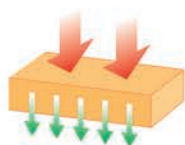
E-SPONGE

- Closed cell rubber with excellent abrasion resistance and durable with long life
- Self-adhesive strips for a quick application
- Better pressure distribution because of double-sided wave form

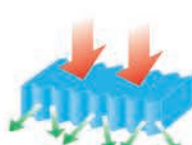


Hardness (Shore A): 30° | 42°

Normal Rubber



e-Sponge



| Order No. | Description (Height x Width x Length in mm) | PU |
|-----------|---|-------------|
| e-A | e-Sponge - 10 x 10 x 60 | 700 strips |
| e-B | e-Sponge - 8 x 10 x 60 | 700 strips |
| e-C | e-Sponge - 8 x 7 x 60 | 1000 strips |
| e-DX | e-Sponge - 7 x 7 x 60 (with skin) | 1000 strips |

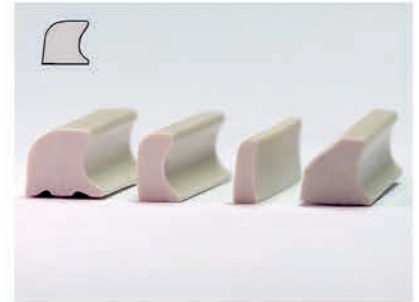
2. RUBBER PROFILE

Customized **heights** and **widths** available on request.

a) Application: Cutting Rules

SPRINT PROFILE

- UV-resistant and very durable (> 1.5 million die-cuts)
- Less nicks and reduction of dust
- Constant ejection force at high speeds and runs
- Excellent abrasion resistance
- Narrow profiles (3 mm) are also available for small spaces
- Bevelled version minimises compression and impressions



Hardness (Shore A): 70°

CORK PROFILE

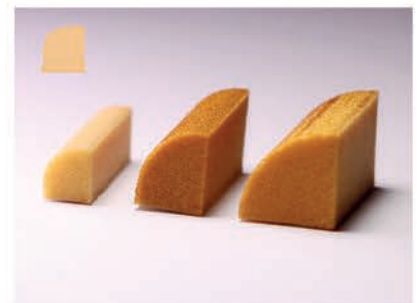
- Available versions: quarter round or with spacer
- High elasticity and recovery
- Wear resistant, durable & antistatic



Hardness (Shore A): 65°

VULCAN PROFILE

- Quarter round
- Good and consistent compression
- High impact resilience & good abrasion resistance
- Durable



Density (RG): 35 | 40 |
50 | 65

EURO RUBBA

- Specially for application in glue flaps
- All sizes are also available as narrow strips



Hardness (Shore A): 50°

C PROFILE

- Constant ejection force at high speeds and runs
- Good abrasion resistance
- UV-resistant and durable



Hardness (Shore A): 60°

SOFT C PROFILE

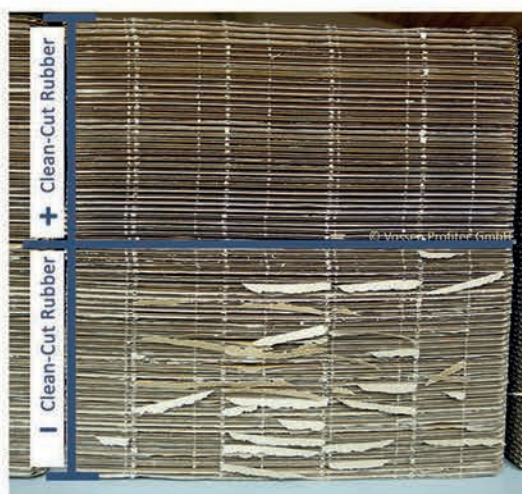
- The material is compressed directly at the cutting edge
→ no tearing of the line board
- Application mostly with corrugated board



Hardness (Shore A): 60°

CLEAN-CUT RUBBER

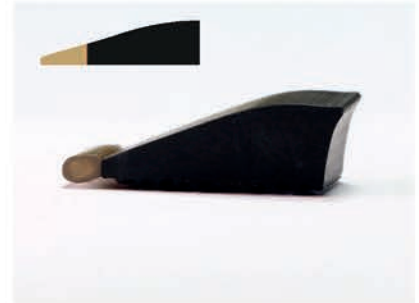
- System of rubber and clip rail
- Grinding nicks without damaging the rubber
- Clean cutting results of corrugated cardboard



b) Application: Creasing Rule

CUSHION CREASE

- High wear and height resistance
- The right height at a glance thanks to colour coding
- Help to compress corrugated board & optimise folding behaviour



Hardness (Shore A): 60°

EASY CREASE

- Reduces the tearing of corrugated board



Hardness (Shore A): 60°

G-PROFILE

- Reduces problems when creasing corrugated board with high recycled content and short fibres



Hardness (Shore A): 70°

B2 PROFILE RUBBER

- Triangle wedge
- Solid rubber profile for use at the creasing rule



Hardness (Shore A): 70°

C3 PROFILE RUBBER

- Triangle wedge with spacer
- Solid rubber profile for perfect creasing with creasing matrix
- 2 mm Spacer for optimum distance between profile and creasing rule



Hardness (Shore A): 60°

D4 PROFILE RUBBER – SKI JUMP WITH HOLE

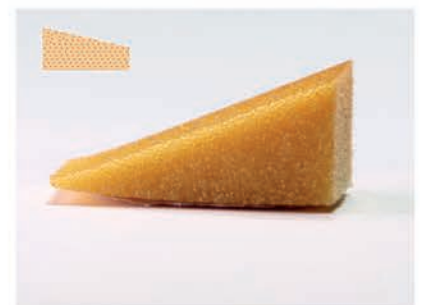
- For complicated creasing



Hardness (Shore A): 60°

VULKO CREASE

- Triangle wedge profile made of vulcan



Density (RG): 45/50

c) Application: Perforating and Cut-Crease

A1 PROFILE RUBBER

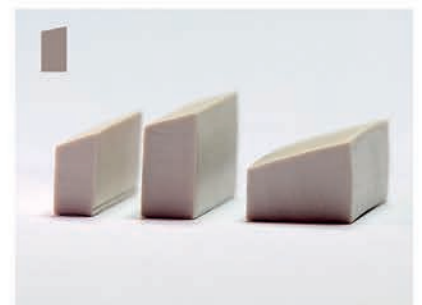
- Triangle wedge
- Available versions: with pinch chamfer or with spouting tip



Hardness (Shore A): approx. 60°

D5 PROFILE RUBBER

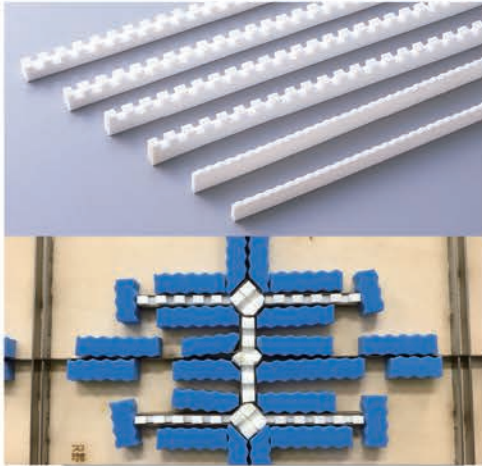
- The solid rubber profile ensures clean and precise cut edges
- Prevents cracking of the upper ceiling liner



Hardness (Shore A): approx. 70°

d) Application: Slots

MIZZOKKO



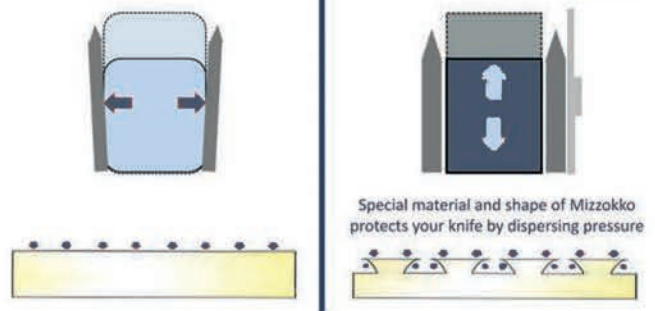
Perfect Ejection of Slots

- Special material and shape enable a perfect result on slots
- No bending of the cutting rules
- No waste-jam between cutting rule and rubber
- Less make-ready work
- Less tool wear
- Hardness (Shore A): 60°

| Order No. | Description (Height x Width x Length in mm) | PU |
|-----------|---|-----------|
| MX-1 | Mizzokko - X x 1 x 250 | 50 strips |
| MX-1.5 | Mizzokko - X x 1.5 x 250 | 50 strips |
| MX-2 | Mizzokko - X x 2 x 250 | 50 strips |
| MX-3 | Mizzokko - X x 3 x 250 | 50 strips |
| MX-4 | Mizzokko - X x 4 x 250 | 50 strips |
| MX-5 | Mizzokko - X x 5 x 250 | 50 strips |

| Available Heights (X) | Plywood /Application |
|-----------------------|------------------------------|
| 7,5 mm | 18 mm |
| 9,5 mm | 15 mm - Corrugated Cardboard |
| 10,5 mm | 15 mm - Micro Waves |

| NORMAL RUBBER |  | MIZZOKKO |
|---------------|---|----------|
|---------------|---|----------|



3. ACCESSORIES

RUBBER SCISSORS



The Right Tool for a Perfect Job

- The Japanese steel ensures a long-running sharpness
- Fast and precise cutting
- Clean cutting-edges
- Ergonomic handle

| Order No. | Description | PU |
|-----------|-----------------|------|
| SC | Rubber Scissors | 1 pc |



Application video
on our website

CUTMAN & CUTMAN XL



The Scissors for Wide and Hard Rubber

- Application for wide and hard rubber (e.g. at rotary die-cutters), cork and creasing matrix
- Cutting blade length:
 - o Cutman: 55 mm
 - o Cutman XL: 110 mm
- High quality and durable material
- Easy handling due to power transmission
- Super light weight and sharp cut
- With exchangeable plastic plate (counter stop)

| Order No. | Description | PU |
|-----------|-------------------------|-------|
| CM | Cutman | 1 pc |
| CM-P | Cutman - Spare Plate | 5 pcs |
| CM-110 | Cutman XL | 1 pc |
| CM-110-P | Cutman XL - Spare Plate | 5 pcs |



**Application video
on our website**

CYANON GLUE



Premium Super Glue for Die-Forms

- Very temperature resistant & long lasting adhesion
- Particularly suitable for rotary die-forms
- Application: plywood, rubber, cork & Suteba

| Order No. | Description | PU |
|-----------|--------------------|------|
| C20 | Cyanon Glue - 20 g | 1 pc |
| C50 | Cyanon Glue - 50 g | 1 pc |

DAISOMAT

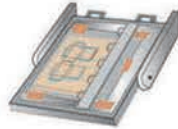


Application:

1 Fix DAISO MAT on chase (stainless side top)
If needed, drill as chase hole design.



2 Put dieboard on chase.



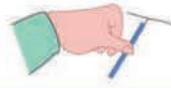
3 Put chase in.



4 Reduce pressure 0.5mm.



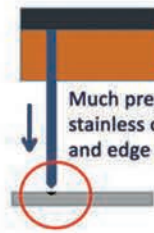
5 Increase pressure until 80% of sheet cut well as long as creasing line looks not too deep.
Adjust patch-up tape at last.



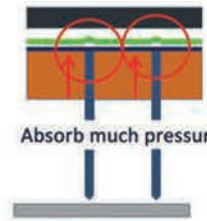
Less Patching-Up with the Pressure-Absorbing Plate

- Shorter setup time → Up to 80% less make-ready work
- Protection of cutting rules and plates
- Less paper dust

WITHOUT DAISOMAT WITH DAISOMAT



Much pressure damages stainless cutting plate and edge of cutting knives



Absorb much pressure

60 MIN



15 MIN



BEFORE:
WITHOUT DAISOMAT



AFTER:
WITH DAISOMAT

| Order No. | Description (Thickness x Width x Length) | PU |
|-----------|--|-------|
| DM-S | DaisoMat - 0.5 x 720 x 1020 | 1 mat |
| DM-M | DaisoMat - 0.5 x 740 x 1060 | 1 mat |
| DM-L | DaisoMat - 0.5 x 930 x 1300 | 1 mat |

RIBBON TAPE



Patch-Up Tape made of Stainless Steel

- For patching-up of dieforms for die-cutting platen presses

| Order No. | Description (Thickness x Width x Length) | PU |
|-----------|--|--------|
| R03 | Ribbon Tape - 0.03 mm x 8 mm x 20 m | 1 roll |
| R05 | Ribbon Tape - 0.05 mm x 8 mm x 20 m | 1 roll |
| R10 | Ribbon Tape - 0.1 mm x 8 mm x 15 m | 1 roll |

PATCHING TAPE / PROFITAPE



The Number One in Patching Make-Ready

- Precise patching up through high quality
- Self-adhesive on all make-ready sheets
- No detachment from the make-ready sheet

| Available Widths (X) | Box Content |
|----------------------|-------------|
| 3 mm | 40 rolls |
| 6 mm | 25 rolls |
| 12 mm | 12 rolls |
| 20 mm | 7 rolls |
| 30 mm | 5 rolls |

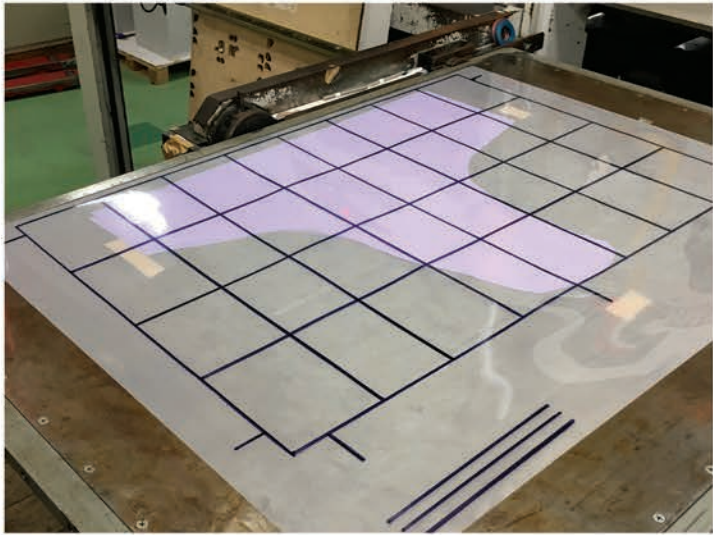
| Order No. | Description (Thickness x Length) | PU |
|-----------|-----------------------------------|-------|
| PTB-XX | Profitape Blue - 0.03 mm x 35 m | 1 box |
| PTR-XX | Profitape Red - 0.05 mm x 25 m | 1 box |
| PTG-XX | Profitape Yellow - 0.08 mm x 18 m | 1 box |

ZONE PATCHING SHEET & CARBON PAPER



The Zone-Patching

- Dimensionally stable patch-up sheet for zone-patching of dieforms or under cutting plates



| Order No. | Description (Width x Length) | PU |
|-----------|---|------------|
| ZZ-3 | Zone Patching Sheet 0.03 mm - 545 x 788 | 10 sheets |
| CPR | Carbon Paper Red - 787 x 545 | 100 sheets |
| CPB | Carbon Paper Blue - 787 x 1090 | 100 sheets |

Application Accessory
 SAC-1 - The Graphic-Cutter
 Page 37

DRAWING FILM



The Standard Equipment for Dieforms and Packaging

Drawing Film PM

- Dimensionally stable Astralon drawing film
- For drawing by hand and for plotting with ink or mines

Drawing Paper Triplex

- Universal drawing paper made of composite material
- Ideal for storing make-ready sheets
- All the advantages of a paper sheet
- Absolutely tear-resistant

| Order No. | Description (Thickness x Width x Length) | PU |
|-----------------------------------|--|--------|
| Drawing Film PM (Astralon) | | |
| ZPM-75120 | 75 µm x 1,20 m x 50 m - CAD | 1 roll |
| ZPM-90120 | 90 µm x 1,20 m x 50 m | 1 roll |
| Drawing Paper Triplex | | |
| ZT-091 | 100 µm x 0,915 m x 50 m | 1 roll |
| ZT-105 | 100 µm x 1,05 m x 50 m | 1 roll |
| ZT-120 | 100 µm x 1,20 m x 50 m | 1 roll |
| ZT-130 | 100 µm x 1,30 m x 50 m | 1 roll |

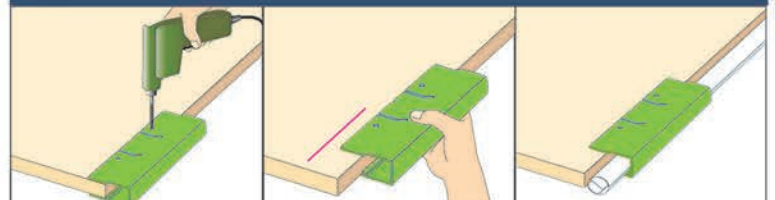
CATCHIT



The System of Ordering for Make-Ready Sheets

- The die-board is the right place for make-ready sheets:
 - o Quicker handling
 - o No damages on the sheets
 - o Proper storage (5S)
- Flexible clamp for all sheet formats

Application:



| Order No. | Description | PU |
|-----------|-------------|------|
| CT | Catchit | 1 pc |

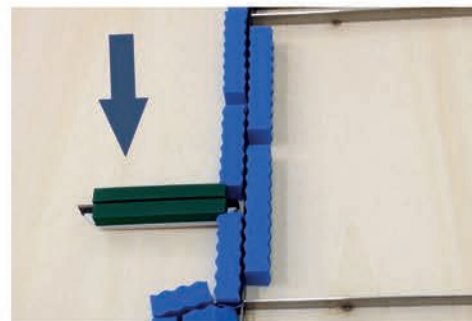


Application video
on our website

SUTEBA | STRIPPING BLADES

Retrofit Stripping Blades

- Cheap & quick solution to put additional blades
- Better waste disposal because of smaller waste pieces
- No interruptions of production schedule



Plywood - 15 mm

| Order No. | Description | PU |
|-----------|--------------------------------|--------|
| SO-30 | Stripping Blade Length: 30 mm | 10 pcs |
| SO-50 | Stripping Blade Length: 50 mm | 10 pcs |
| SO-100 | Stripping Blade Length: 100 mm | 10 pcs |



Plywood - 18 mm

| Order No. | Description | PU |
|-----------|--------------------------------|--------|
| SG-30 | Stripping Blade Length: 30 mm | 10 pcs |
| SG-50 | Stripping Blade Length: 50 mm | 10 pcs |
| SG-100 | Stripping Blade Length: 100 mm | 10 pcs |



Application video on our website

SUPPORT STICKER



Easy Solution for Stripping Problems

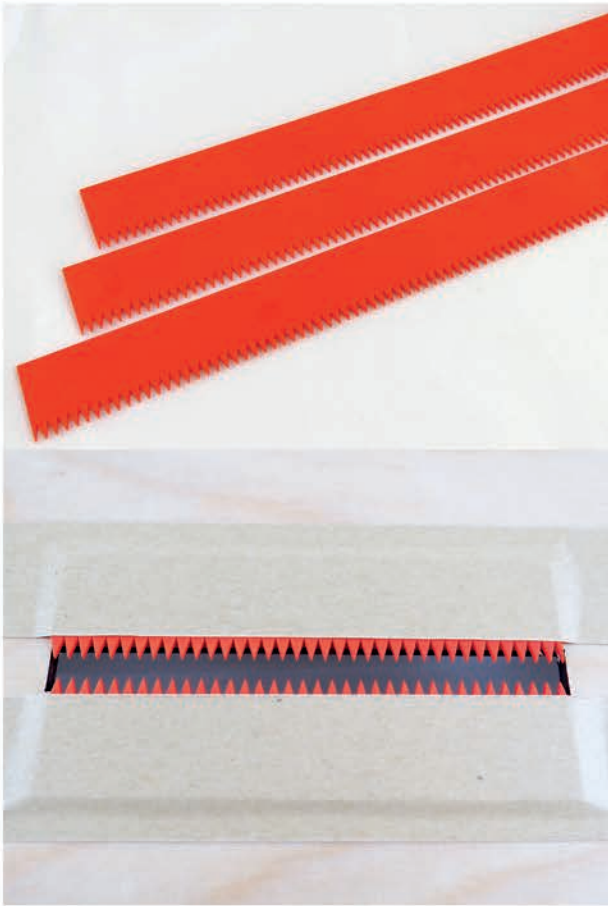
- No long modification time
- Simply sticking and continue producing
- Four different types in a practical multi-sheet or as individual forms available



| Order No. | Description | PU |
|-----------|--------------------------------------|---------|
| SUP-M | Support Sticker - 43er Multi Sheet | 1 sheet |
| SUP-P | Support Sticker - 24 x Mushroom | 1 sheet |
| SUP-R | Support Sticker- 16 x Square | 1 sheet |
| SUP-SE | Support Sticker - 24 x Slot (narrow) | 1 sheet |
| SUP-SW | Support Sticker - 24 x Slot (wide) | 1 sheet |

Stripping

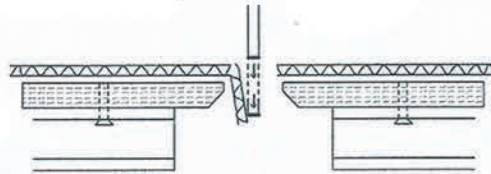
STRIP GRIP



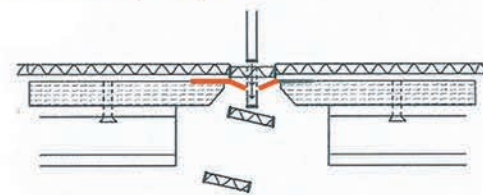
First Aid Material for Stripping Problems

- Professional alternative instead of self-made waste guides (cliche foil)
- Clean waste transport at the lower stripping plate

without Strip Grip



with Strip Grip



| Order No. | Description (Length x Width x Height in mm) | PU |
|-----------|---|-----------|
| STRIP | Strip Grip - 275 x 25 x 1.2 | 10 strips |
| STRIP-S | Strip Grip - 275 x 25 x 1.2 - self-adhesive | 10 strips |

PROFI CLEANER



Pneumatic Carton Waste Stripper

- Efficient stripping for outer waste parts

Technical Specifications:

- Size: 580 x 140 x 170 mm
- Weight: 4,7 kg
- Output: 480 W
- Compressed air: 6,2 bar / 90 psi
- Sound level: 83 dB
- Air consumption: 0,45 m³/min
- Speed: 4500/min

Inclusive Features:

- Chain repair set
- Air maintenance unit
- Air pipe (ca. 2 m)
- 1l Oil for pneumatic tools (maintenance unit)

Others:

- Chain made of high quality japanese steel
- Service-point in Germany

| Order No. | Description | PU |
|-----------|---------------|------|
| PC | Profi-Cleaner | 1 pc |
| PC/C | Spare Chain | 1 pc |

STRIPPING PINS



The Safest Way for Stripping

- Lower stripping pins
 - Aluminium housing → extra stability for the spring pin
 - For all common machine types of the manufacturers Bobst, Heidelberg and others
- Pin holders (3, 5 or 7)
- Upper stripping pins (flat, with point or with crown)

| Order No. | Description | PU |
|-----------|--------------------------------|--------|
| AUS-10 | Lower Stripping Pin Ø 10 mm | 50 pcs |
| AUS-15 | Lower Stripping Pin Ø 15 mm | 50 pcs |
| AUS-H | Lower Stripping Pin Heidelberg | 50 pcs |
| STH-3 | Pin Holder with 3 Holes | 10 pcs |
| STH-5 | Pin Holder with 5 Holes | 10 pcs |
| STH-7 | Pin Holder with 7 Holes | 10 pcs |

* Further Sizes and Upper Stripping Pins on request

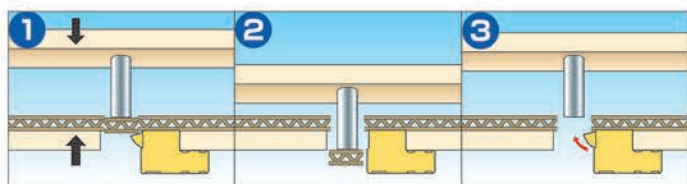
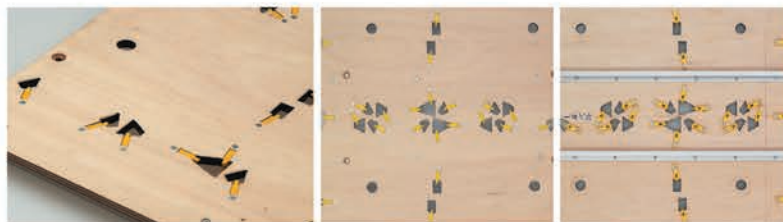
AD-DACK



* incl. fixing material

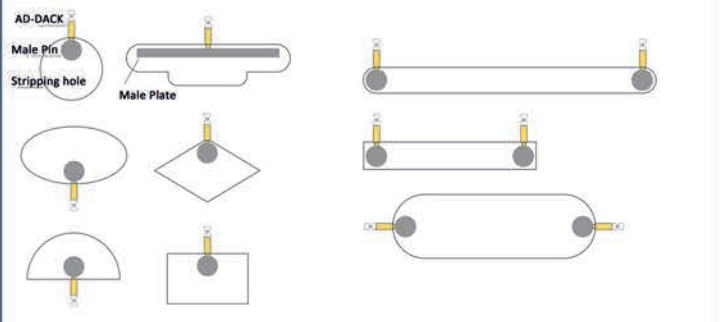
Reliable Stripping - Easy Application

- Perfect stripping of slots and holes
- No lower pins needed



| Order No. | Description | PU |
|-----------|-------------|--------|
| AD | AD-Dack | 10 pcs |

Setting position:



Application video
on our website

Stripping

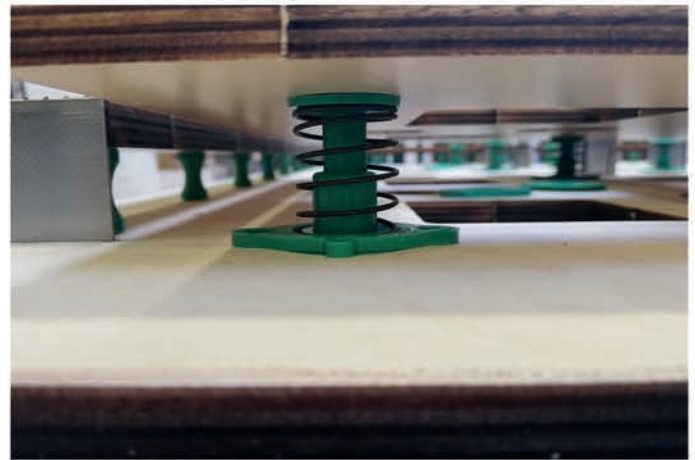
TELESPRING



| Order No. | Description | PU |
|-----------|-------------|------|
| TSG | Telespring | 1 pc |

Precise Stripping by Fixing the Board

- For the production of down-holding plates in the upper stripping tool
- Perfect solution in case of curved board or complicates stripping designs with many waste elements
- No blocking of the spring element due to outer construction



STRIPPING CLAWS



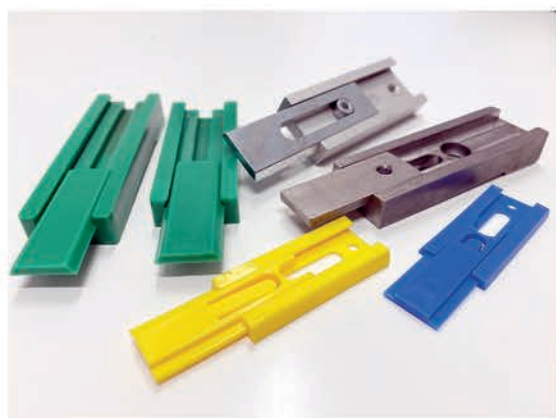
Economic Stripping

- Hardened spikes
- Available in straight and bent versions

| Order No. | Description | PU |
|-----------|----------------------------------|---------|
| AK-4X | Stripping Claws bent - 4 mm | 100 pcs |
| AK-6X | Stripping Claws bent - 6 mm | 100 pcs |
| AK-8X | Stripping Claws bent - 8 mm | 100 pcs |
| AK-10X | Stripping Claws bent - 10 mm | 100 pcs |
| AK-12X | Stripping Claws bent - 12 mm | 100 pcs |
| AK-15X | Stripping Claws bent - 15 mm | 100 pcs |
| AK-20X | Stripping Claws bent - 20 mm | 100 pcs |
| AKG-5 | Stripping Claws straight - 5 mm | 100 pcs |
| AKG-8 | Stripping Claws straight - 8 mm | 100 pcs |
| AKG-10 | Stripping Claws straight - 10 mm | 100 pcs |
| AKG-12 | Stripping Claws straight - 12 mm | 100 pcs |
| AKG-15 | Stripping Claws straight - 15 mm | 100 pcs |
| AKG-20 | Stripping Claws straight - 20 mm | 100 pcs |

* Version X: left (L) or right (R)

BLANK JOGGER

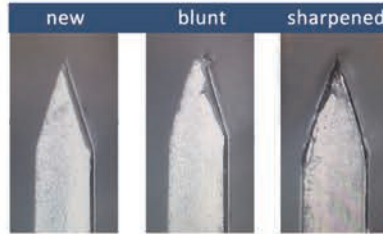


Large Selection for Blanking Tools

- Plastic → individual colour selection possible from 200 pieces (on request)
- Aluminium
- Steel
- Special plastic blank joggers for side installation

| Order No. | Description | PU |
|-----------|---------------------------------------|---------|
| GR-61 | Blank Jogger Plastic - Length 61 mm | 10 pcs |
| GR-76 | Blank Jogger Plastic - Length 76 mm | 10 pcs |
| GRA-63 | Blank Jogger Aluminium - Length 63 mm | 10 pcs |
| GRS-61 | Blank Jogger Steel - Length 63 mm | 10 pcs |
| GRS-76 | Blank Jogger Steel - Length 76 mm | 10 pcs |
| BG-B | Blank Jogger Blue - Thickness 3 mm | 100 pcs |
| BG-G | Blank Jogger Yellow - Thickness 5 mm | 100 pcs |

SHARPENER



The Right Sharpener for Cutting Rules

- Easy re-sharpening instead of time-consuming replacement
- Less loss of quality
- Reduce of paper dust

Usage:

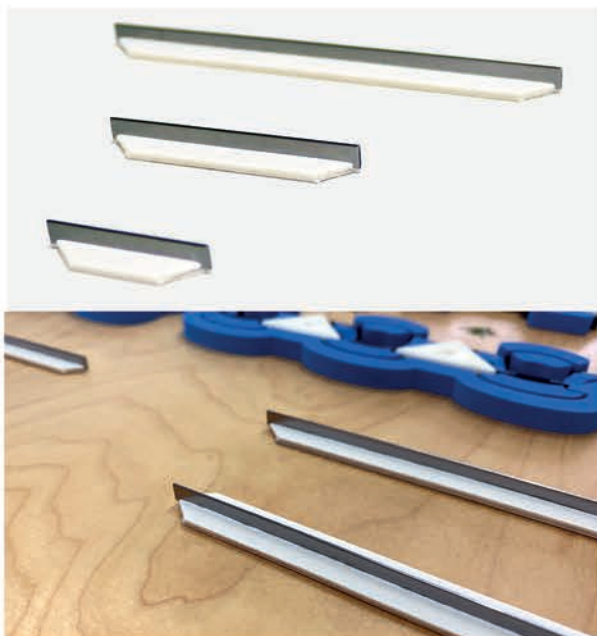


| Order No. | Description | PU |
|-----------|-------------|------|
| SH | Sharpener | 1 pc |



Application video on our website

BALANCE CREASE



Self-adhesive Compensating Creasing Rules for 18 mm Plywood

- Simple & quick solution for crooked sheets due to uneven creasing rule distribution
- Eliminates the need for compensating wedges
- Less production control
- Fewer problems during finishing
- Higher stackability → fewer pallets & lower logistics costs



| Order No. | Description | PU |
|-----------|-------------------------------|--------|
| BC-30 | Balance Crease Length: 30 mm | 10 pcs |
| BC-50 | Balance Crease Length: 50 mm | 10 pcs |
| BC-100 | Balance Crease Length: 100 mm | 10 pcs |

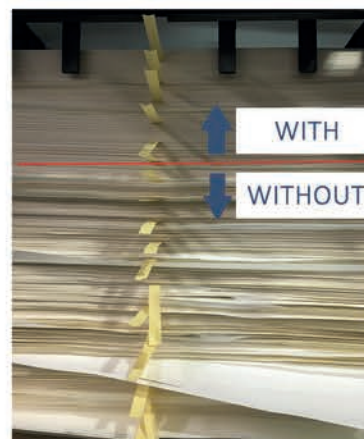
ANTISTATIC TAPE



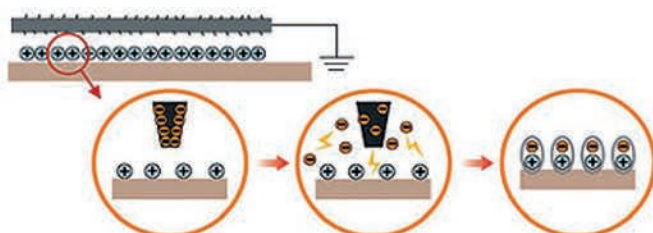
Protection against Static Charge

- Application possibilities:
feeding areas, cutting plates, stripping tools, stacking ...
- Self-adhesive

Effect:



| Order No. | Description (Thickness x Width x Length) | PU |
|-----------|--|--------|
| AT | Anti-Static Tape - 0.3 mm x 30 mm x 5 m | 1 roll |



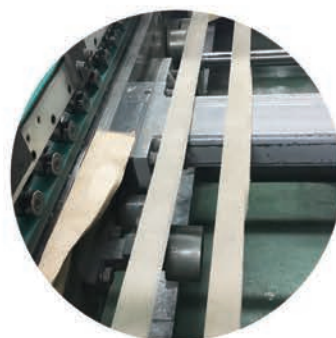
SCRATCH PREVENTION TAPE



The Self-Adhesive Felt Tape prevents Scratches on Paper Products

Good application possibilities:

- Feeding area of machines
- Corners and edges of folder-gluing machines



| Order No. | Description (Thickness x Width x Length) | PU |
|-----------|--|--------|
| SP20 | Scratch Prevention Tape - 0.85 mm x 20 mm x 10 m | 1 roll |
| SP50 | Scratch Prevention Tape- 0.85 mm x 50 mm x 10 m | 1 roll |

OLFA | THE QUALITY CUTTER

OLFA X-Design – The High-Performance Cutter

- Ultra-sharp Excel Black 9 mm or 18 mm blade
- With stainless steel blade channel and locking grid
- Maximum cutting force and very resistant to breakage
- Acid and acetone resistant
- Special suitability 9 mm: foil, cardboard etc.
- Special suitability 18 mm: rubber, creasing matrix, pertinax, fiberglass, etc.



| Order No. | Description | PU |
|-----------|---|-----------|
| L5-AL | OLFA L5-AL - 18 mm | 1 pc |
| XA-1 | Olfa XA-1 - 9 mm | 1 pc |
| LBB-10 | OLFA Blade LBB - 18 mm | 10 blades |
| LB-Sol | Blade LB - 18 mm without predetermined breaking | 10 blades |
| ABB-10 | OLFA Blade ABB - 9 mm | 10 blades |

OLFA MXP-AL – The Steel Cutter

- Ultra-sharp Excel Black 18 mm blade
- Aluminum handle and automatic locking with locking grid
- Break-resistant
- Acid and chemical resistant
- Special suitability: corrugated cardboard, foam, etc.



| Order No. | Description | PU |
|-----------|---|-----------|
| MXP-AL | OLFA MXP-AL - 18 mm | 1 pc |
| LBB-10 | OLFA Blade LBB - 18 mm | 10 blades |
| LB-Sol | Blade LB - 18 mm without predetermined breaking | 10 blades |

Further cutters, blades or other customer requests on request

OLFA SAC-1 – The Graphic Cutter

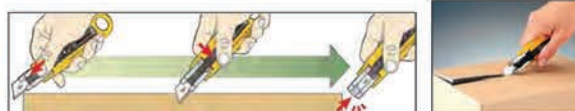
- 9 mm blade – 30 ° angle
- Ideal for small precise cuts
- Stainless steel handle and automatic locking with locking grid
- Break-resistant
- Acid and chemical resistant
- Special suitability: paper, fine cardboard, soft wood, zone patching



| Order No. | Description | PU |
|-----------|-------------------------------|-----------|
| SAC-1 | OLFA SAC-1 - 9 mm - 30° angle | 1 pc |
| SAB-10 | OLFA Blade SAB | 10 blades |

SK-4 – The Safety Cutter

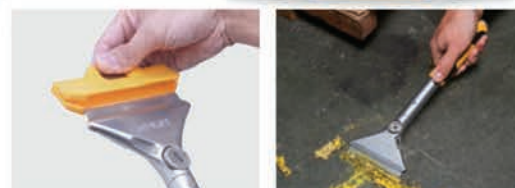
- 17,5 mm blade
- Blade automatically retracts
- Acid and chemical resistant
- Special suitability: cardboard & packaging material, foils, tapes



| Order No. | Description | PU |
|-----------|-----------------------------------|----------|
| SK-4 | OLFA SK-4 - Safety Cutter 17,5 mm | 1 pc |
| SKB-2 | OLFA Blade SKB | 5 blades |

OLFA XSR-300 – The Scraper

- Scraper with 100 mm width and 30 cm long handle
- Break-resistant
- Acid and chemical resistant
- Special suitability: removing adhesive residues of pertinax or creasing matrix from cutting plates



| Order No. | Description | PU |
|-----------|-----------------------------------|-----------|
| XSR-300 | Scraper with 100 mm Width - 30 cm | 1 pc |
| BS-10 | OLFA Blade BS | 10 blades |

AUTO-NICK-PUNCH



The New Way to Make Nicks

- Quick and easy usage with spring force
- Square form of nicks – no wedge
- Constant high quality because of predefined force
- No damaging of ejection rubbers

| Order No. | Description | PU |
|-----------|---|------|
| NICK02 | Auto Nick Punch - Triangle - 0.2 mm (red) | 1 pc |
| NICK02/T | Spare Tip 0.2 mm | 1 pc |
| NICK03 | Auto Nick Punch - 0.3 mm (black) | 1 pc |
| NICK03/T | Spare Tip 0.3 mm | 1 pc |
| NICK05 | Auto Nick Punch - 0.5 mm (green) | 1 pc |
| NICK05/T | Spare Tip 0.5 mm | 1 pc |



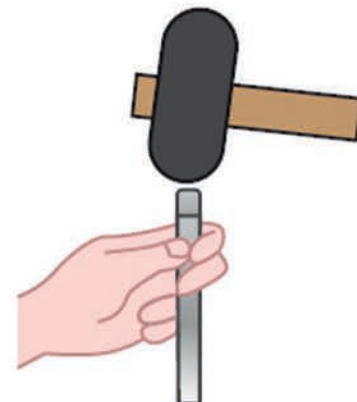
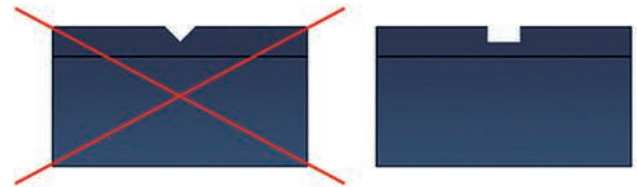
Application video
on our website

NICK TOOL



The Classic Tool

- Make nicks by hand
- High-quality Japanese steel
- Nick holder for better handling



| Order No. | Description | PU |
|-----------|--------------------------|------|
| MH | Nick Holder | 1 pc |
| MH03 | Nick Tool - Width 0.3 mm | 1 pc |
| MH04 | Nick Tool - Width 0.4 mm | 1 pc |
| MH05 | Nick Tool - Width 0.5 mm | 1 pc |
| MH06 | Nick Tool - Width 0.6 mm | 1 pc |
| MH07 | Nick Tool - Width 0.7 mm | 1 pc |
| MH10 | Nick Tool - Width 1.0 mm | 1 pc |

CUTTER CRAFT

Make and Expand Nicks with one Device

- Make nicks → tip width ≤ 1 mm
- Expand existing nicks → tip width > 1 mm
- Practical exchange of the tips with a screw thread



| Order No. | Description | PU |
|-----------|---------------------|------|
| CC | Cutter Craft - Body | 1 pc |
| CC-M03 | Tip - Width 0.3 mm | 1 pc |
| CC-M05 | Tip - Width 0.5 mm | 1 pc |
| CC-M07 | Tip - Width 0.7 mm | 1 pc |
| CC-M10 | Tip - Width 1.0 mm | 1 pc |
| CC-M15 | Tip - Width 1.5 mm | 1 pc |
| CC-M20 | Tip - Width 2.0 mm | 1 pc |

GRINDING DISCS



Available Widths X (in mm):

0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0
 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8
 1.9 | 2.0 | 2.2 | 2.5 | 3.0

* 0.2 not available for Bornitrid (CBN)






Available Inner Diameters:

∅ 35 mm → ∅ 7 mm

∅ 50 mm → ∅ 6 mm | ∅ 8 mm | ∅ 10

| Order No. | Description | PU |
|--------------------------------|---------------------------|--------|
| Grinding Disc - ∅ 35 mm | | |
| TSS35-XX | Standard Rubber Bonded | 25 pcs |
| BT35-XX | Bornitrid (CBN) / Diamond | 1 pc |
| Grinding Disc - ∅ 50 mm | | |
| TSS50-XX | Standard Rubber Bonded | 25 pcs |
| BT50-XX | Bornitrid (CBN) / Diamond | 1 pc |

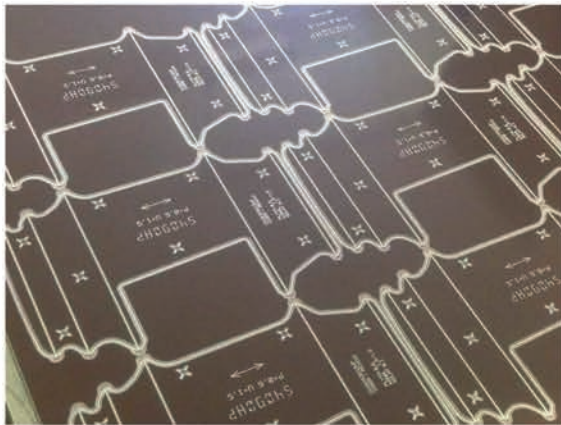
NICK GRINDER

| Electric Grinder | Executive Type Performance | rpm. | Operating Mode | Type of Switch | Properties |
|---|--|--|--------------------------|--------------------------|--|
|  | supply 230V 500 Watt  | 18.000 fix | electronic control | ON/OFF switch | powerful device for constant use |
| Battery Grinder | Executive Type Performance | rpm. | Operating Mode | Type of Switch | Properties |
|  | Akku 18 V Li-Ionen 250 Watt  | variable 17.500 16.000 15.000 14.000 12.500 11.500 | speed adjustment | ON/OFF switch | <ul style="list-style-type: none"> • single cell • monitoring • quick hitch • duty rechargeable battery • chargelevel indicator |
| Compressed Air Grinder | Executive Type Performance | rpm. | Operating Mode | Type of Switch | Properties |
|  | compressed air motor 370 / 340 Watt (oiled/ oilfree) | 18.000 (oil free) 23.000 (oiled) | tip- or permanent use | mechanical hand-lever | <ul style="list-style-type: none"> • integrated silencer • hose protection • ideal for use at die cutting machinery |

| Order No. | Description | PU |
|-----------|---|------|
| | Grinding Disc - Ø 35 mm | |
| NG2 | Electric Grinder | 1 pc |
| NG4 | Air Grinder | 1 pc |
| NG21 | Battery Grinder (without Battery & Charger) | 1 pc |
| | Grinding Disc - Ø 50 mm | |
| NG3 | Electric Grinder | 1 pc |
| NG5 | Air Grinder | 1 pc |
| NG31 | Battery Grinder (without Battery & Charger) | 1 pc |
| | Accessories | |
| TN | Depth Adjustment | 1 pc |
| A3 | Battery 18 V / 3 Ah Li-Ion | 1 pc |
| A6 | Battery 18 V / 6 Ah Li-Ion | 1 pc |
| ALG50 | Battery Quick Charger | 1 pc |



PERTINAX PLATES



Self-Adhesive Plates for Producing Matrices

- Double-sided glass fibre reinforcement
- Almost clean removal

| Order No. | Description (Width x Length in mm) | PU |
|-----------|------------------------------------|-----------|
| P-XX | Pertinax - 1070 x 1070 | 10 plates |

Available Thicknesses (XX) (in mm): 0.3 | 0.4 | 0.5 | 0.55 | 0.6 | 0.65
0.7 | 0.8 | 0.85 | 0.9 | 1.0

Application Accessories

| | | |
|---|--|---|
| Cutter Clean - Cutting Plate Cleaner with Antistatic Effect <i>Page 59</i> | X-Design - The High-Performance Cutter <i>Page 36</i> | XSR-300 - The Scraper <i>Page 37</i> |
|---|--|---|

SET PLUG



The Best Alternative

- For transferring Pertinax matrices without pins

| Order No. | Description (Height x Width in mm) | PU |
|-----------|------------------------------------|---------|
| SP | Set Plug (2-3 pt) - 8 x 12.9 | 100 pcs |



Application video on our website

G-SETTER



The Unique Pin System for Positioning Pertinax Matrices

- Pin system made of high-quality brass and special covers
- Highest precision when transferring the Pertinax matrix
- Patented plastic covers make it easy to pull out the pins and reuse them much more often



Application video on our website

| Order No. | Description | PU |
|-----------|---------------|--------|
| GS-M | Brass Pin | 50 pcs |
| GS-G | Rubber Ring | 50 pcs |
| GS-K | Plastic Cover | 50 pcs |

SUPER-G



Creasing Matrix

Pertinax

Prevention instead of Wasting Time

- Special glue for higher production security & creasing quality
- Additional fixing of creasing matrix and Pertinax → pulls itself under the material and hardens

| Order No. | Description | PU |
|-----------|----------------|-------|
| G2 | Super-G - 2 g | 2 pcs |
| G50 | Super-G - 50 g | 1 pc |

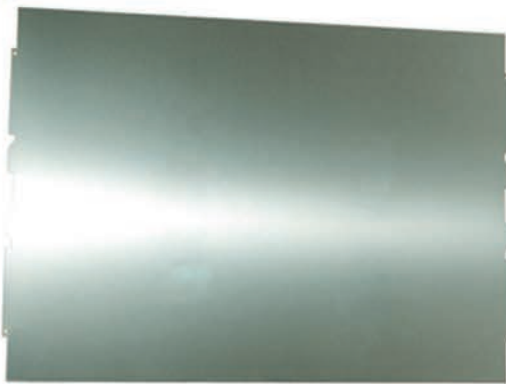
Cutting Plates

- Decade-long experience in the production of cutting plates
- Highest quality standards
- Manual straightening of the hardest cutting plates
- Saving money and time in the long-term



For all common die-cutting machines of manufacturers like Bobst, Heidelberg, Iberica, Sanwa, Young Shin, Asahi, Brausse, Kama and many more

1 MM CUTTING PLATE



Application Accessory

Cutter Clean - Cutting plate cleaner with antistatic effect

Page 59

- Highest quality ensures the improvement of the die-cutting process and along with this gain goes the economic benefit
- Different material qualities and hardnesses

| | Material | Hardness |
|----------|------------|----------------|
| soft | DIN 1.4301 | approx. 20 HRC |
| medium | DIN 1.4301 | approx. 35 HRC |
| medium + | DIN 1.4301 | approx. 40 HRC |
| hard | DIN 1.4021 | approx. 48 HRC |

CUTTING & COMPENSATION PLATE



For manual, semi and automatic flatbed die-cutters

- State-of-the-art machines guarantee to fulfil the requirements on flatness and parallelism
- Made of proven steel grades our plates achieve tightest tolerances, excellent surface finishing and a uniform hardness

| | |
|-------------|----------------------|
| Material | 50CrV4 resp. X20Cr13 |
| Hardness | approx. 50 – 52 HRC |
| Parallelism | ± 0.01 mm |
| Flatness | ≤ 0.2 mm |

CHASE & BACKING PLATE



- The use of CNC-controlled machines enables a precisely fitting hole pattern
- The hand flattened backing plates save make-ready time

| | |
|-------------|----------------------|
| Material | 50CrV4 resp. X20Cr13 |
| Hardness | approx. 46 – 50 HRC |
| Parallelism | ± 0.01 mm |
| Flatness | ≤ 0.2 mm |

LOWER SUPPORTING PLATE



- Material: glass fabric reinforced epoxy resin
- Minimum tolerances regarding thickness and flatness
- The main issue for make-ready problems is the poor condition of the lower supporting plate

* Colours may differ from the picture

MAKE-READY PROTECTION PLATE



For use in machines with high speed and frequency
For all common die-cutting machines

- Made of glass fabric reinforced fiber material
- Grounded on both sides
- Dimensionally stable
- Resistant to humidity

| | |
|----------|-------------|
| Material | G 11 |
| Hardness | 45° Shore A |
| Flatness | ≤ 0.1 mm |

Steel Rules & Perforating Tools

The Japanese steel rule manufacturer **TSUKATANI** has been a leader in quality since 1951. This is achieved through specially developed grinding processes, compliance with the tightest tolerances and the use of the best Japanese steel.

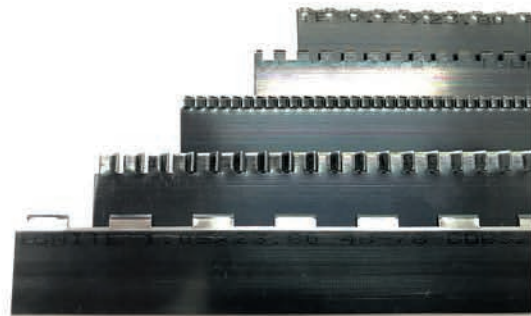
SPECIAL RULES

ADVANTAGES

- Minimum order quantity only 10 m
- Hardened edge = Longer lifetime
- Polished edge = Less angel hair and dust formation
- Decarburised steel = High bending capacity

Specifications

- Point Sizes: 2 pt (0,71 mm) | 3 pt (1,05 mm)
- Height: up to 50 mm
- Availability: coils and metre lengths



Specification

Camber or dish

Maximum flatness deviation 0.10% of the height.



Straightness

Deviation from a straight line - peak height maximum +/- 0.50 mm in 1 metre lengths or +/- 0.12 mm in 0.5 metre lengths.



Coil set

Deviation from a straight line - maximum peak height 5 mm/1 metre for cut lengths and 10 mm/1 metre for coils.



Surface

The maximum surface roughness allowed is Ra 0.5 µm.

Edge angle

+/- 1° for all edge angles.

Twist

Maximum 0.5 mm in 1 metre lengths.



TECHNICAL SPECIFICATIONS

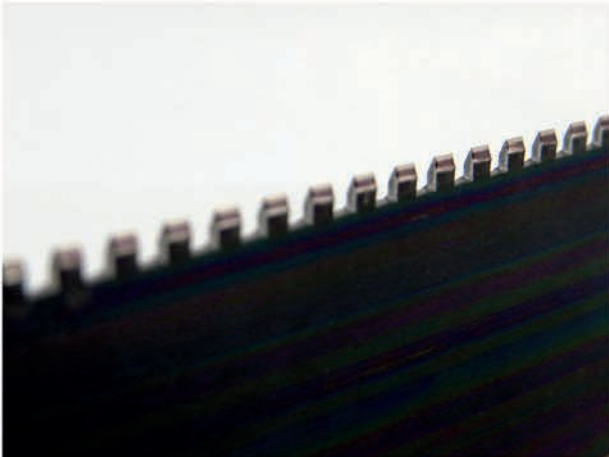
HEIGHT TOLERANCES

| Height, mm | Tolerance, mm |
|------------|---------------|
| ≤30 | +/- 0.020 |

THICKNESS TOLERANCES

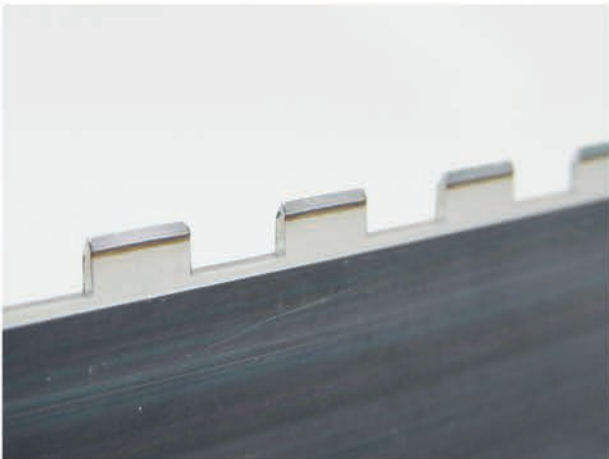
| Thickness, pt | Tolerance, mm |
|---------------|---------------|
| 2 and 3 | +/- 0.020 |

Steel Rules & Perforating Tools



Perforating

- Available in any gap and tooth configuration
- Standard gap relief depth of 3 mm or customised
- No burrs → avoids damage to the substrate and gives faster and cleaner production
- Applications: Tear off labels, removable panels on paper, corrugated and solid board



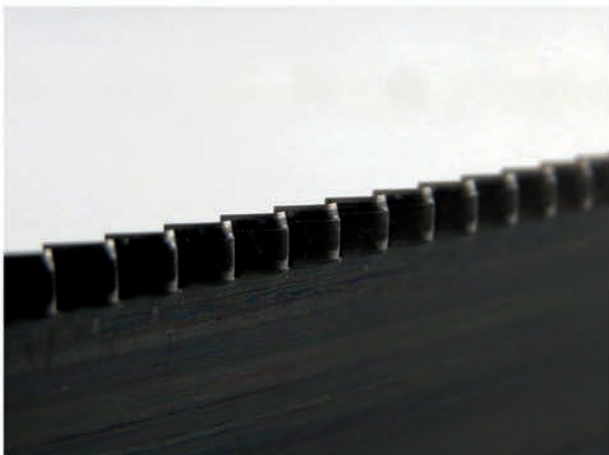
Cut-Crease

- Available in any cut and crease height
- No burrs on the crease height → achieves a clean edge and minimizes the risk of ceiling breakage
- Applications: Close ratio creasing e.g. gulleys



Glue Flap Perforating

- 2 x 2 pt to create a “serpent” profile
- 2 x 4 pt and specials to suit specific applications
- Applications: Glue flap panels



Hand Hole Perforating

- High precision rule made from edge hardened steel to create top or side access panels
- Available in left and right hand configurations
- Customised production of angle and depth of perforating
- Applications: Where fast, easy access to the product is required (SRP, POS, tissue boxes, confectionery boxes and tea bag cartons)

Steel Rules & Perforating Tools



Edge Wave

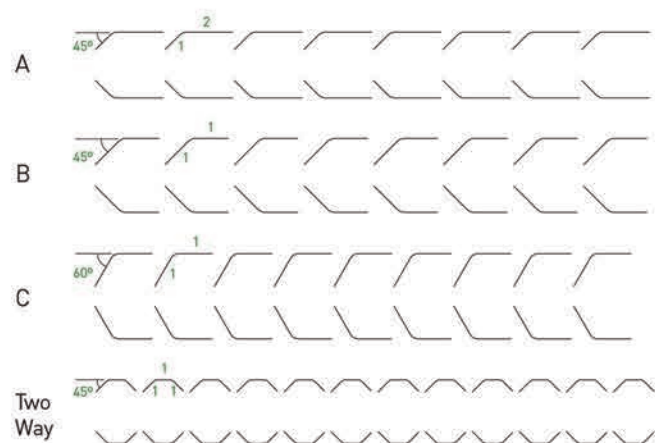
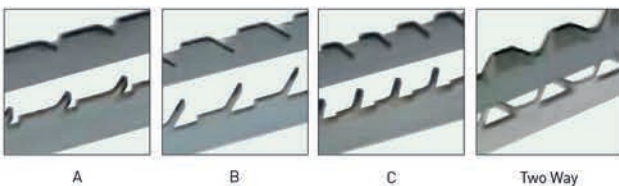
- High wear resistance and excellent bendability
- Customised wave profiles
- Applications: For better creasing in corrugated and fibre boards

| Wave Rules | Pitch (A) | Depth (B) |
|-----------------------|-----------|-------------|
| Super Fine (2pt only) | 2,0 mm | 0,58 mm |
| Extra Fine | 3,2 mm | 0,65 mm |
| Fine | 4,8 mm | 0,80 mm |
| Medium | 6,4 mm | 1,25 mm |
| Deckle Edge | N/A | 1,30 mm max |
| Shallow Deckle | N/A | 0,70 mm max |
| Double Deckle | N/A | 1,30 mm max |



Zipper Rule

- Manufactured with accurate pitches, constant slit depth and clean edges to avoid any “drag”
- Standard types A, B & C are used in a left and right hand combination
- Two way alternative eliminates the need for left and right versions
- Applications: Used to create a tear strip on cartons to access the product



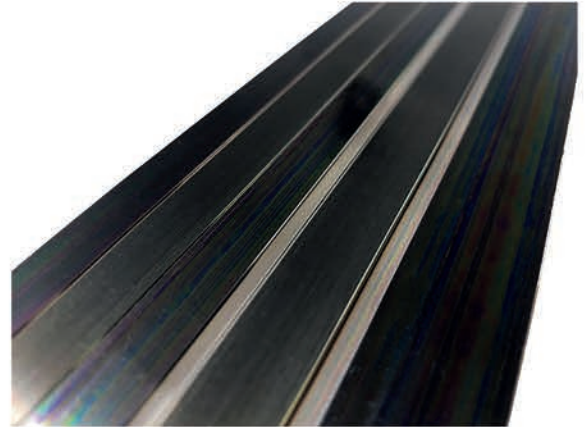
CUTTING RULES

Specifications

Point Sizes: 2 pt (0,71 mm) | 3 pt (1,05 mm)

Hardened edge = Longer lifetime

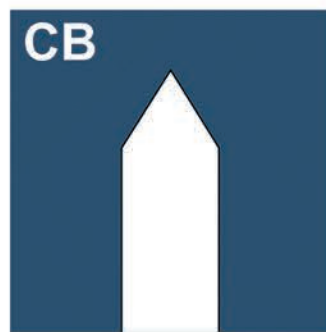
Availability: coils and metre lengths



Cutting Bevels & Angle

CB = Center bevel for all common cardboard materials

CDB = Center double bevel (= long bevel/facette) applicable for hard and thicker materials (e.g. corrugated board, plastics, cork or rubber)



Cutting angle 52° = very stable and long lifetime

PU & Coils

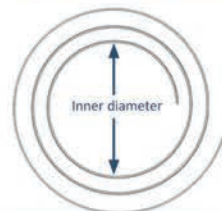
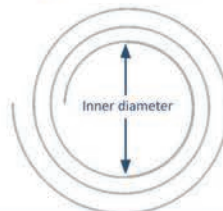
• 2 pt = 100 m

• 3 pt = 70 m

Coils

A (Clockwise)

B (Anti-Clockwise)



Inner diameter

Coil direction

355 mm

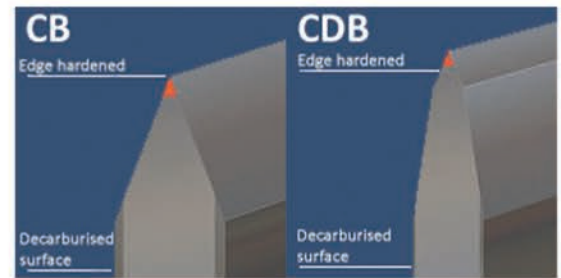
A Clockwise

B Anti-Clockwise

Steel Rules & Perforating Tools

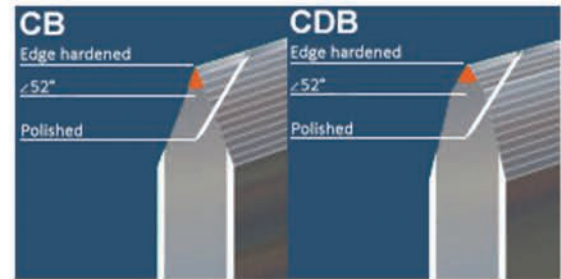
Type Special - Our Standard Rule

- Version: shaved
- Decarburised steel → high bendability
- For all standard orders



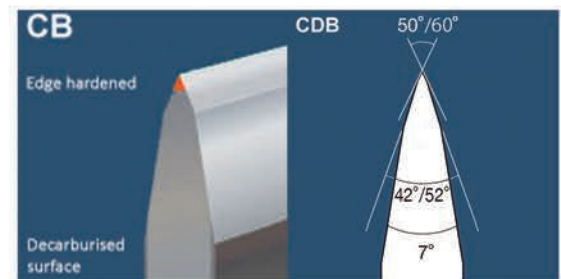
Type Xtrem – The Polished Rule

- Version: shaved & polished
- Reduced friction prevents angel hair and dust
- Long lifetime



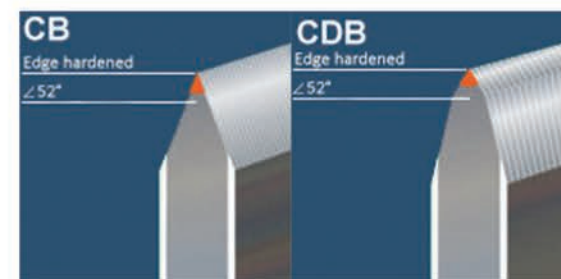
Type WSP – The Unique Angle Combination

- Version: shaved & polished + angle combination
- The formation of angel hairs and dust are reduced
- Large centre angle ensures greater stability and very long lifetime → 20-50 % longer life compared to Type Xtrem
- Small cutting edge angle ensures lower cutting friction and good cutting behavior



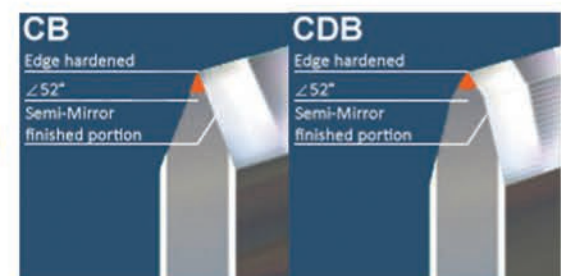
Type R – The Special Cut

- Version: fine grinding
- The vertical grinding reduces friction and dust formation
- Application for cutting plastics and laminated materials



Type Plus - Our High-End Rule

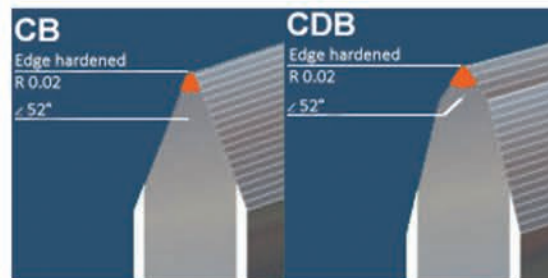
- Version: microfine grinding
- Mirror finish cutting edge to decrease the cutting force required
- Ideal for preventing peeling and tearing off for printed papers



Steel Rules & Perforating Tools

Type Pro - The Longest Life Cutting Rule

- Version: shaved & polished + cutting edge radius
- Special cutting edge radius of 0.02 allows quick set up, reduces the required machine pressure and extends the life of the life of the die-cutting machine
- The formation of angel hair and dust is reduced



| Hardness | | | |
|----------|------------|-------------------|-------------------|
| Type | Point Size | Body Hardness | Edge Hardness |
| Special | 2 pt. | 345 HV / 35,5 HRC | 620 HV / 56,3 HRC |
| | 3 pt. | 345 HV / 35,5 HRC | 620 HV / 56,3 HRC |
| Xtrem | 2 pt. | 345 HV / 35,5 HRC | 650 HV / 57,8 HRC |
| | 3 pt. | 345 HV / 35,5 HRC | 650 HV / 57,8 HRC |
| WSP | 2 pt. | 340 HV / 34,4 HRC | 650 HV / 57,8 HRC |
| | 3 pt. | 340 HV / 34,4 HRC | 650 HV / 57,8 HRC |
| R | 2 pt. | 340 HV / 34,4 HRC | 630 HV / 56,8 HRC |
| | 3 pt. | 340 HV / 34,4 HRC | 630 HV / 56,8 HRC |
| PLUS | 2 pt. | 345 HV / 35,5 HRC | 650 HV / 57,8 HRC |
| | 3 pt. | 345 HV / 35,5 HRC | 650 HV / 57,8 HRC |
| PRO | 2 pt. | 380 HV / 39,0 HRC | 650 HV / 57,8 HRC |
| | 3 pt. | 345 HV / 35,5 HRC | 650 HV / 57,8 HRC |

STRIPPING RULES

Specifications

Point Size: 3 pt (1,05 mm)

Height: up to 55 mm

Availability: coils and metre lengths

Minimum order quantity: 50 m

Flat

- Rule for easy stripping of waste material
- Smooth edges on both sides
- For conventional applications at normal speeds



Speed Stripping

- Stripping rule with spikes for gripping and ejecting waste material at extremely high speeds
- Special application for laminated and coated materials



Steel Rules & Perforating Tools

CREASING RULES

Roundprofile

- Precise radius and centricity
- Burr-free transition from creasing profile to body

Specifications

Point Sizes: 2 pt (0,71 mm) | 3 pt (1,05 mm)

Height: up to 50 mm

Availability: coils and metre lengths

Minimum order quantities: 2 pt = 100 m | 3 pt = 70 m



Laser Crease

- Better creasing in corrugated and fibre boards
- Made from a solid piece of tempered steel
→ The head will not separate during diecutting
- Available with round or flat tops

Specifications

Body thickness: 2 pt (0.71 mm) | 3 pt (1.05 mm) | 4 pt (1.42 mm)

Head thickness: 3 pt (1.05 mm) | 4 pt (1.42 mm) | 6 pt (2.1 mm) | 8 pt (2.8 mm)

Availability: coils and metre lengths

Minimum order quantity: 10 m



PERFORATING TOOLS



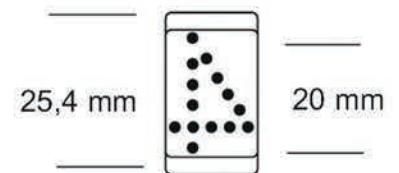
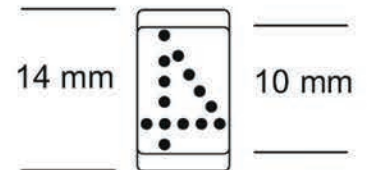
| PU | |
|-------------------|---------|
| Numbers & Letters | 25 pcs |
| END piece | 25 pcs |
| Mini Bar | 1 m |
| PerVo Bar | 1 m |
| Nails | 100 pcs |

Mini Type – 18 mm Plywood

- Attachment left and right with END piece
- Accessories: END piece, Mini bar & nails

PerVo Type – 15 mm Plywood

- Accessories: PerVo bar & nails
- Types:
 - o PerVo bar (also self-adhesive)
 - o Nails



Special Symbols

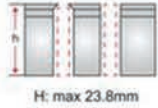
- Resy
- Recycling
- Green Dot

| Symbol | Types |
|-----------|--|
| Resy | Mini (25 x 25 mm) Short (60 x 70 mm) |
| Recycling | Mini (25 x 25 mm) International (75 x 75 mm) |
| Green Dot | Mini (25 x 25 mm) Standard (50 x 50 mm) |

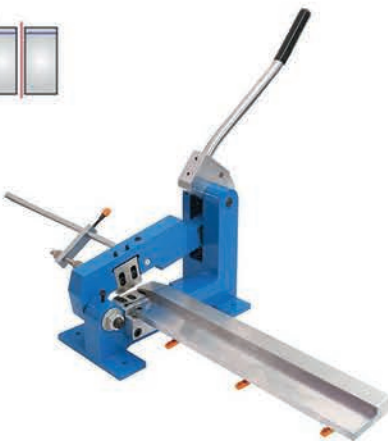


Rule Processing

CUTTER



| Mitre Cutter HS-K | |
|---------------------|--|
| Specifications | <ul style="list-style-type: none"> • Straight Cutting • Double Lip Cutting |
| Max. Rule Thickness | 3 pt (1.05 mm) |
| Max. Rule Height | 23.8 mm or customized |
| Mitre Angle | 52° |
| Measure Scale | 500 mm |
| Precision | 0.05 mm |
| Sizes | 1070 x 550 x 350 mm |
| Net Weight | 22.3 kg |



| Flat Cutter HS-G | |
|---------------------|--|
| Specifications | <ul style="list-style-type: none"> • Straight Cutting • Single Lip Cutting |
| Max. Rule Thickness | 6 pt (2.1 mm) |
| Max. Rule Height | 40 mm or customized |
| Sizes | 730 x 960 x 530 mm |
| Net Weight | 23 kg |

NOTCHER



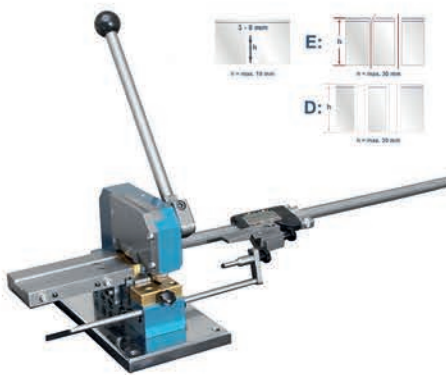
| Notcher AK-K | |
|---------------------|-----------------------|
| Max. Rule Thickness | 3 pt. (1.05 mm) |
| Notching Height | 5 – 20 mm |
| Notching Width | 3 – 6 mm (customized) |
| Sizes | 370 x 450 x 510 mm |
| Net Weight | 12.6 kg |



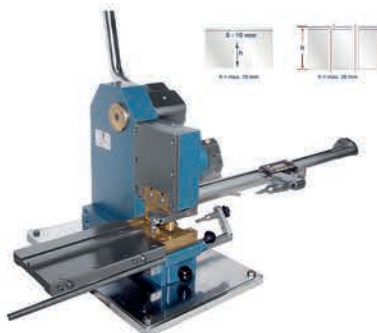
| Notcher AK-G | |
|---------------------|------------------------|
| Max. Rule Thickness | 3 pt. (1.05 mm) |
| Notching Height | 5 – 20 mm |
| Notching Width | 3 – 10 mm (customized) |
| Sizes | 700 x 250 x 300 mm |
| Net Weight | 15.9 kg |

| Order No. | Description | PU |
|-----------|-----------------|------|
| AK-K | Notcher - Small | 1 pc |
| AK-G | Notcher - Big | 1 pc |

COMBINATION DEVICE



| Combination Device K (2 Versions) | |
|-----------------------------------|--|
| Specifications | <ul style="list-style-type: none"> • Straight Cutting & Notching • Single or Double Lip Cutting (customized) |
| Max. Rule Thickness | 3 pt. (1.05 mm) |
| Rule Height | 23.8 - 30 mm |
| Mitre Angle | 54° |
| Notching Height | 12 – 19 mm |
| Notching Width | 3 – 8 mm (customized) |
| Measure Scale | digital - 500 mm |
| Blade | titanium coating |
| Precision | 0.05 mm |
| Sizes | 250 x 850 x 350 mm |
| Net Weight | 27 kg |

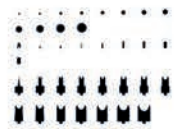


| Combination Device G | |
|----------------------|---|
| Specifications | <ul style="list-style-type: none"> • Straight Cutting & Notching • Single Lip Cutting |
| Rule Thickness | 3 – 6 pt. (1.05 – 2.1 mm) |
| Rule Height | 23.8 - 30 mm |
| Mitre Angle | 54° |
| Notching Height | 12 – 19 mm |
| Notching Width | 8 – 10 mm (customized) |
| Measure Scale | digital - 500 mm |
| Blade | titanium coating |
| Precision | 0.05 mm |
| Sizes | 400 x 1030 x 620mm |
| Net Weight | 60 kg |

| Order No. | Description | PU |
|-----------|---|------|
| KG-K-E | Combination Device - Small - Single Lip Cutting | 1 pc |
| KG-K-D | Combination Device - Small - Double Lip Cutting | 1 pc |
| KG-G | Combination Device - Big | 1 pc |

Rule Processing

BENDER



| Precise Bender BG1 | |
|---------------------|------------------------------------|
| Specification | Rule Fixation for Accurate Bending |
| Max. Rule Thickness | 4 pt. (1.41 mm) |
| Max. Rule Height | 26 mm or customized |
| Measure Scale | 450 mm |
| Precision | 0.05 mm |
| Sizes | 920 x 660 x 230 mm |
| Net Weight | 43 kg |
| Tool Accessories | 36 pcs |



| Double Bender BG2 | |
|---------------------|------------------------|
| Specification | 2 Machines in 1 Device |
| Max. Rule Thickness | 3 pt. (1.05 mm) |
| Max. Rule Height | 26 mm |
| Precision | 0.05 mm |
| Sizes | 740 x 140 x 110 mm |
| Net Weight | 38 kg |



| Bender for High Rules BG3 | |
|---------------------------|--------------------|
| Max. Rule Thickness | 4 pt. (1.41 mm) |
| Max. Rule Height | 40 mm |
| Flatness | 0.1 mm |
| Sizes | 110 x 620 x 150 mm |
| Net Weight | 31.9 kg |
| Tool Accessories | 24 pcs |

| Order No. | Description | PU |
|-----------|-----------------------|------|
| BG1 | Precise Bender | 1 pc |
| BG2 | Double Bender | 1 pc |
| BG3 | Bender for High Rules | 1 pc |

RULE PULLER



Application video
on our website

| Rule Puller | |
|---------------------|------------------------------|
| Specification | Metal Pins |
| Max. Rule Thickness | 4 pt. (1.41 mm) |
| Sizes | 26 x 98 x 490 mm |
| Net Weight | 1.5 kg |
| Tool Accessories | incl. 2 pairs of narrow jaws |

| Order No. | Description | PU |
|-----------|--------------------------|-------|
| A2 | Rule Puller | 1 pc |
| A2-E | Rule Puller - Spare Jaws | 2 pcs |

RULE PULLER PLIERS

The Cost-Effective Alternative for Rule Pulling

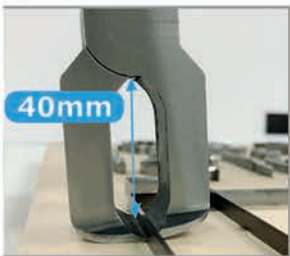


Rule Puller Pliers

- No big hand force needed because of force transmission
- Solid holding clamps for a good handling also at short rules



Application video
on our website



Rule Puller Pliers XL

- Pliers for high rules
- No damaging of the cutting edges
- Easy removal of the cutting rules and safe to use

| Order No. | Description | PU |
|-----------|--|------|
| LZ | Rule Puller Pliers with Power Transmission | 1 pc |
| LZ-XL | Rule Puller Pliers for High Rules | 1 pc |

HAMMER

Great Clout



| Order No. | Description | PU |
|-----------|-----------------------------------|------|
| RLH3 | Rawhide Hammer No. 3 - 252 g | 1 pc |
| RLH4 | Rawhide Hammer No. 4 - 308 g | 1 pc |
| RLH5 | Rawhide Hammer No. 5 - 616 g | 1 pc |
| RLH6 | Rawhide Hammer No. 6 - 672 g | 1 pc |
| KH300 | Copper Hammer 300 g | 1 pc |
| KH500 | Copper Hammer 500 g | 1 pc |
| KH750 | Copper Hammer 750 g | 1 pc |
| AH-T | Aluminium Hammer - Tub Form 250 g | 1 pc |
| AH-F | Aluminium Hammer - 250 g | 1 pc |
| PH-4 | Plastic Hammer - 50 x 95 mm | 1 pc |
| PH-4L | Plastic Hammer - 50 x 130 mm | 1 pc |
| PH-5 | Plastic Hammer - 75 x 110 mm | 1 pc |

Rawhide Hammer

- Damped strike without backstroke
- Better power transmission without damaging the tool
- Quiet working
- No breaking and splitting of the tup

Copper and Aluminium Hammer

- High quality striking tool made of soft material
- No sparking

Plastic Hammer

- Great punch without backstroke
- Damping and tool-saving effect
- Quiet working

RULE STRAIGHTENER



Fast Correction of Cutting Rules

- For position correction in the finished die-form
- Application for 2pt and 3pt cutting rules

| Order No. | Description | PU |
|-----------|---------------------------------|------|
| LAR | Rule Straightener for 2pt & 3pt | 1 pc |

Cleaning/Maintenance



- | | | |
|----|---|--------------|
| 1. | General - Machine & Workplace | P. 58 |
| 2. | Cutting Plate | P. 59 |
| 3. | Flexo Print | P. 60 |
| 4. | Dosing Aids | P. 61 |
| 5. | Adhesive Cleaners & Release Agents | P. 61 |

1. GENERAL - MACHINE & WORKPLACE

FLIFF

Surface Cleaner with antistatic effect

Clean Machine = Clean Production

- Cleaning and degreasing of all surfaces (machine housing, perspex, touch screen, photocells etc.)
- No new dust after wiping



GUMMI FIT

Cleaner and regenerator for rubber bands (transport belts) & other rubber surfaces (feed rolls)

- Improved contact (less slip)
- High cleaning power
- Regenerating additives
- Medium-fast and free of grease fading
- Odorless



| Order No. | Description | PU |
|-----------|-----------------|---------------|
| Fliff10 | Fliff - 10 L | 1 PE canister |
| GF1 | GummiFIT - 1 L | 1 PE bottle |
| GF10 | GummiFIT - 10 L | 1 PE canister |

2. CUTTING PLATE

CUTTER CLEAN

Cutting plate cleaner with antistatic effect

Clean Cutting Plate = Strong Adhesive Connection

- Removes residues of glue from Pertinax or creasing matrix
- Cleaning and degreasing
- No direct new dust attraction after wiping

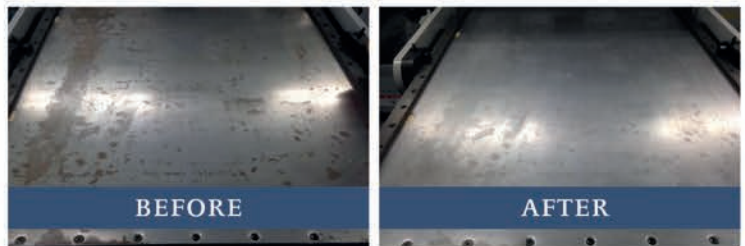


RUST PREVENTION SHEET

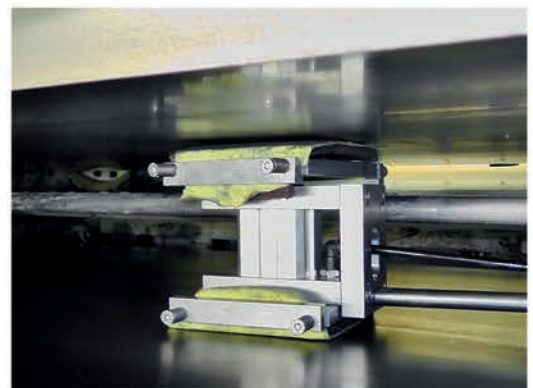


Less Rust - Less Make-Ready Time

- Removes rust and prevents generation of corrosion
- Effective for preventive maintenance
- Longer tool and machine life
- Application for all plates and platen



| Order No. | Description | PU |
|-----------|--------------------------------------|---------------|
| CC1 | Cutter Clean - 1 L | 1 PE bottle |
| CC10 | Cutter Clean - 10 L | 1 PE canister |
| DT | Rust Prevention Sheet - 280 x 190 mm | 2 sheets |



3. FLE XO PRINT

INK WASH

The technologically advanced cleaner for all water-based flexo inks

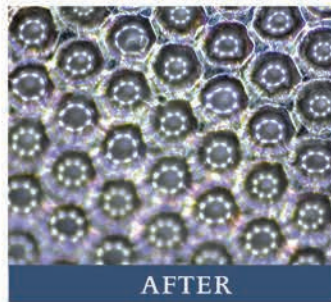
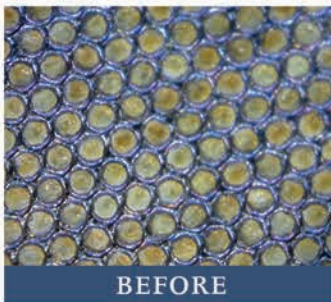
- Safe to use
- Environmentally friendly
- Application-safe for printing plates and clichés
- High dilutability (up to 1:10)
- Ink Wash Neutral: very low pH



ANILOX CLEANER BASIC

Basic Cleaner for anilox rolls

- Intensive cleaner to remove dried ink
- Chemical and mechanical cleaning in one step
- Get back the original pick-up volume
- Easy handling inside the machine



| Order No. | Description | PU |
|-----------|----------------------------|---------------|
| IW5 | Ink Wash - 5 L | 1 PE canister |
| IW30 | Ink Wash - 30 L | 1 PE canister |
| IW1000 | Ink Wash - 1000 L | 1 tank |
| IWN5 | Ink Wash Neutral - 5 L | 1 PE canister |
| IWN30 | Ink Wash Neutral - 30 L | 1 PE canister |
| IWN1000 | Ink Wash Neutral - 1000 L | 1 tank |
| AXC | Anilox Cleaner Basic - 1 L | 1 PE bottle |

4. DOSING AIDS

SPRAY HEAD

Applicable to 1L PE-bottles - solvent resistant



NARROW NECK BOTTLE

Applicable to 1L PE-bottles – fine dosing



DRAIN TAP

Applicable to PE-canisters - solvent resistant

| Order No. | Description | PU |
|-----------|------------------------------|------|
| SPK | Spray Head for 1L PE bottles | 1 pc |
| EHD | 1L-Narrow Neck Bottle | 1 pc |
| ABH | Drain Tap for PE canister | 1 pc |

5. ADHESIVE CLEANERS & RELEASE AGENTS



The GARD cleaning series is the environmentally friendly solution for the removal of all hot and cold glue. The unique formula is mainly used in the food industry as well as in packaging and filling companies.



Non Citrus Based

Non Flammable

Food Certified

No Hazardous Goods

Safe Application



5.1. HOT MELT RANGE

EV60

Hot Melt Cleaner

- External cleaner for glue tanks, guide rails, label brushes, machine guards
- No damage to plastic components (e.g. clouding)
- NSF certified and listed (K3), non-flammable and non-corrosive
- Extremely low odour



Application video
on our website

OLEO 60

VOC Free Hot Melt Cleaner

- External cleaner for label brushes, glue tanks, machine guards manufactured from 100 % renewable raw materials
- No damage to plastic components (e.g. clouding)
- No hazard warning symbols
- NSF certified and listed (K3), non-flammable and non-corrosive
- Extremely low odour



GREEN HMP

Liquid Hot Melt Purge

- Liquid Cleaner for all pre-melt tanks and hose fed systems
- NSF certified and listed (P1)
- Oil-free cleaner
- Application in the production of food packaging
- No clogged pipes and stagnant pumps



PUR 60

PUR Cleaner

- External cleaner for cured and non cured PUR adhesives
- Application for rollers, glue tanks and their components
- VOC-free
- No damage to rubberised components



| Order No. | Description | PU |
|-----------|------------------|---------------|
| EV | EV 60 - 750 ml | 1 PE bottle |
| EV5 | EV 60 - 5 L | 1 PE canister |
| OLEO | Oleo 60 - 750 ml | 1 PE bottle |
| OLEO5 | Oleo 60 - 5 L | 1 PE canister |
| HMP5 | Green HMP - 5 L | 1 PE canister |
| PUR5 | PUR 60 - 5 L | 1 PE canister |

5.2. COLD GLUE RANGE

DEV 16

PVA & Emulsion Cleaner

- Developed for deep cleaning pump systems, label stations, glue rollers, spray valves, rollers, machine parts
- NSF certified and listed (K3)
- Non-flammable, non-toxic



| Order No. | Description | PU |
|-----------|-----------------|---------------|
| DEV05 | DEV 16 - 500 ml | 1 PE bottle |
| DEV5 | DEV 16 - 5 L | 1 PE canister |

5.3. RELEASE AGENTS

GARDEX

Hot Melt Release Agent

- Prevents all hot melt adhesive from adhering to machine parts (glue tanks, chains, nozzles, temperature sensors)
- Temperature resistant up to 220 °C
- NSF certified and listed (H1)
- Protective coating formation on machine parts (durable for up to 6 months)



Application video
on our website

GARDOL

Cold Glue Release Agent

- Prevents all cold adhesives from adhering to machinery and components (glue tanks, chains, rollers)
- NSF certified and listed (P1)
- Protective coating formation on machine parts

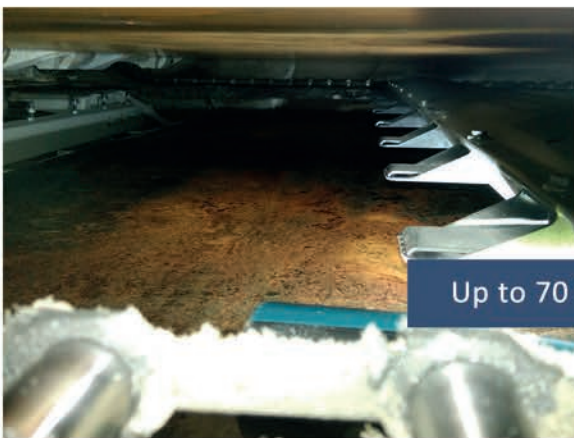


| Order No. | Description | PU |
|-----------|---------------|---------------|
| GARDEX | Gardex - 1 kg | 1 PE canister |
| GARDEX5 | Gardex - 5 kg | 1 PE canister |
| GARDOLS | Gardol - 5 kg | 1 PE canister |

A MUST HAVE for your machine maintenance

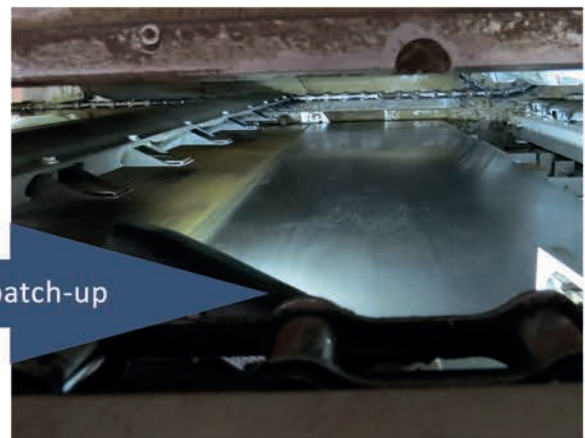
Rust and dirt on the platen and chases cause uneven surfaces which need to be balanced by patching up. It's the main reason for long make-ready times! A periodical cleaning and maintenance of the platen and chases are the most effective method to reduce the set-up time of the diecutter and improve the quality of boxes.

BEFORE

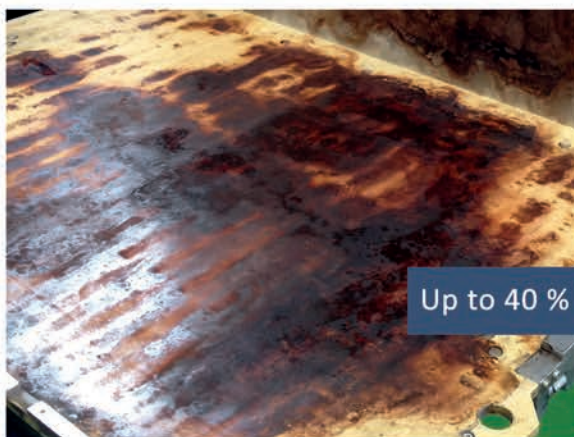


Platen

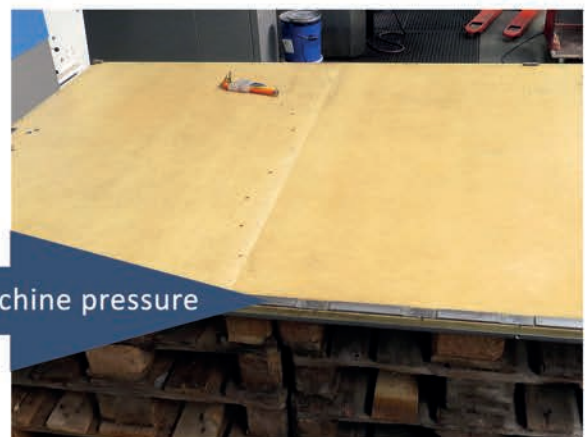
AFTER



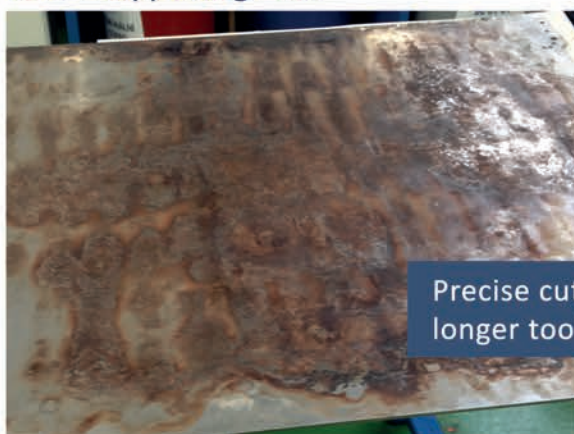
Up to 70 % less patch-up



Lower Supporting Plate



Up to 40 % less machine pressure



Backside Cutting Plate



Precise cutting result and longer tool life time

Platen Cleaning

EQUIPMENT PLATEN & CHASE CLEANING

„Platen and chase cleaning are the bases of a constant cutting result.“

Our equipment enables you to take control and responsibility over your cleaning sequences

- One time investment
- No disassembling of your chains and guides
- No service technician
- For all brands and machine types available



The equipment includes all devices you need for the cleaning process and a starter package of cleaning material which are all food safe (NSF and HALAL certificated).

We would gladly make you an offer for your machine types.

*** Service Combination:**

The equipment in combination with our service saves you a lot of time. The first cleaning process of a diecutter forms the basis for the future machine balance.

Because of that it should be made with highest accuracy.

We complete the first cleaning process together, train you in the most effective use of the equipment and consult you about your future cleaning intervals.



You will find more information about our services on the next pages.



**Application video
on our website**

SERVICE PLATEN- AND CHASE CLEANING

„With an uneven and changing surface of the platen it is not possible to achieve a repeatable cutting result.“

Contact us for a professional platen and chase cleaning!

In a short time we remove all unevenness like rust and dirt from your platen and chases.



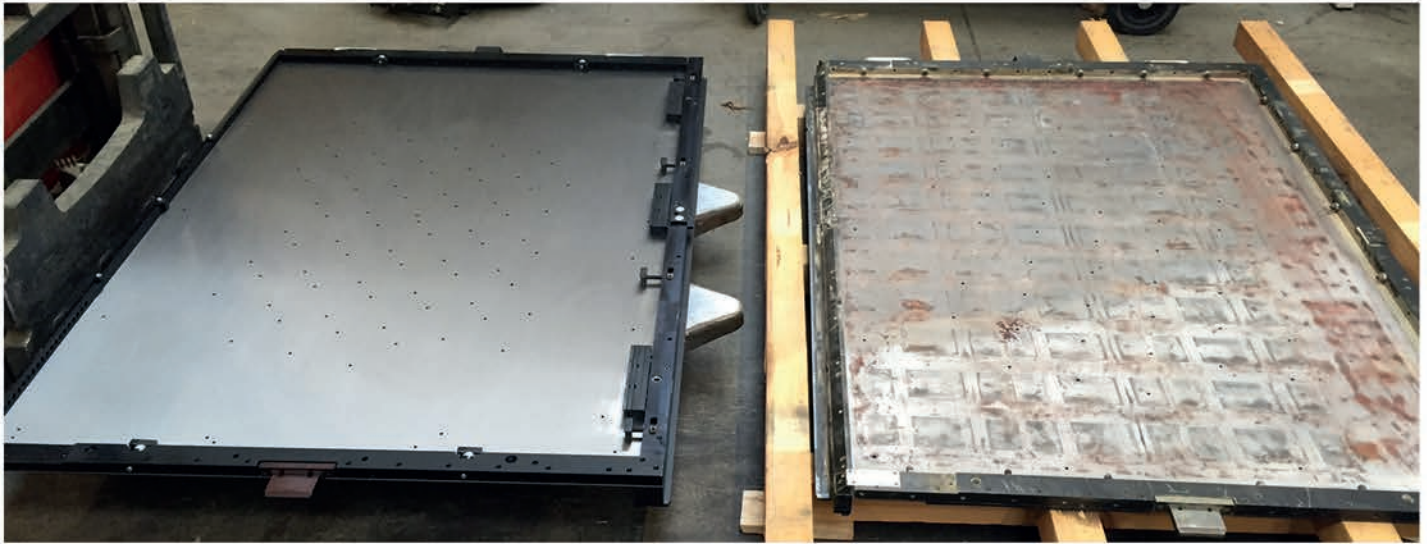
- Less machine downtimes because of our efficient and practiced process
- Machine operators can realize other needed maintenance work in meantime
- You get further consulting about cleaning and maintenance
- Coincident inspection of your chases

We take care:

Please contact us about an one-year-service-contract.

After fixing the cleaning interval we take care of all further things.

REFURBISHMENT OF CHASES



Refurbishment instead of New Purchase

After 2 to 5 years chases start to bend.

If the chase bends the chaseplate will follow. As a result you lose parallelism which causes longer setup times. We offer an inspection and service of your chases.

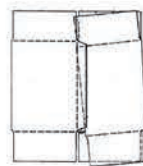
This service includes: Flattening and straightening of the chase bars or replacing if necessary, check and exchange of screws and pins, recalibration of the chase, renew damaged parts, new black finishing if requested.

We can also modify your chase with the quick-lock system.

CREASING MATRIX - SETTING & TEST SERVICE

You are not satisfied with your folding result at your folder-gluing machine because of gap variations and asymmetric closings of the glue flap or your customer has many stoppings at his box-erector - We help you to find the best setting of:

- Creasing matrix for your material
- Creasing rule thickness, height and profile
- Ejection rubbers and rubber profiles



With our experience and passion we will achieve the best folding result with you.

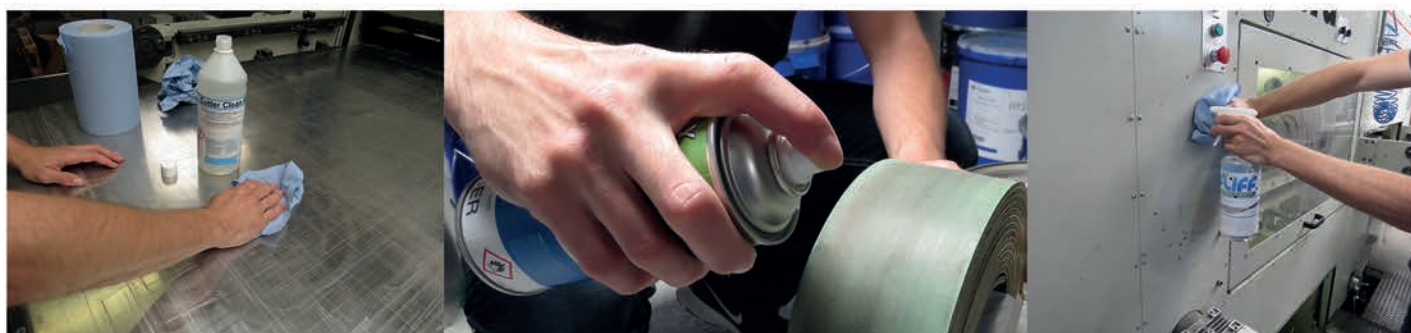
CLEANING CONCEPT

Cleaning of converting machines and workplaces are more and more important. It helps to serve the machine condition and hygienic level for food and pharma packages furthermore it prevents machine stoppings.

A good concept of cleaning material prevents:

- Unpredictable pump stroking and hose blocking of melt/glue
- Slippy belts because of dust or powder
- Bad printing cause of dirty cliches/stereos and anilox rolls
- Long cleaning process on flexo-printers
- Polluted packages and boxes

We help you to find the most efficient cleaning products for each application area. Of course we consider all of your safety regulations and support your documentation (safety data sheets, user manual, certificates).



Notes

So können Sie bei uns bestellen:



Direkt in unserem Onlineshop:
www.daiso-europe.com



Schicken Sie eine E-Mail mit Ihrer
Anfrage oder Bestellung an:
info@daiso-europe.com



Rufen Sie uns persönlich an:
+49 2602 - 952 82 01

Bitte beachten Sie unsere Zahlungs- und Lieferbedingungen:

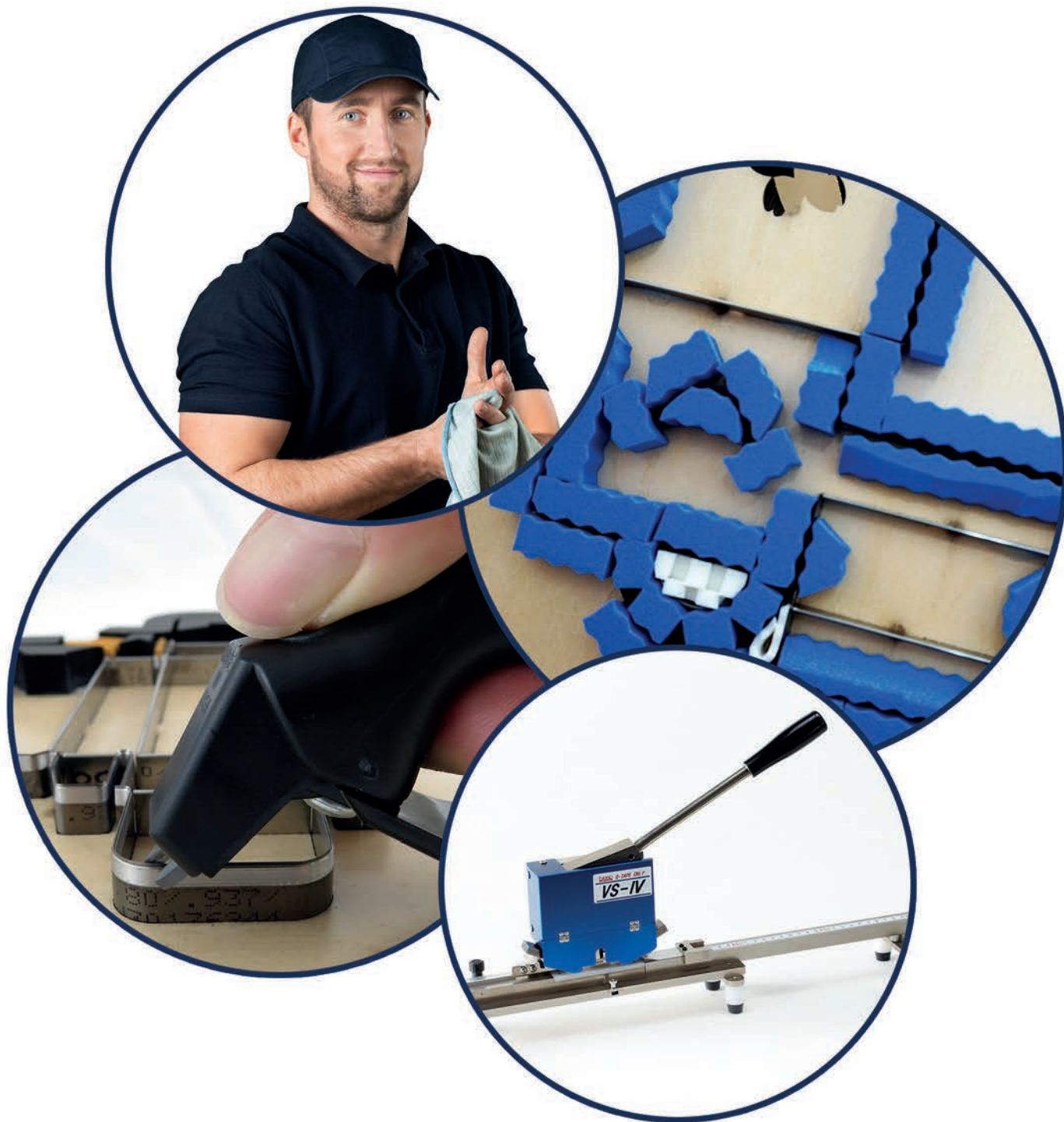
Zahlungsbedingungen:

2% Skonto 10 Tage oder 30 Tage netto - nach Erhalt
der Ware und Rechnung

Alle Preise verstehen sich zzgl. Mehrwertsteuer

Lieferbedingungen:

Ab Lager Montabaur



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