

# PERMABLOC®

Quality shims for fast and accurate alignment corrections

Number 1 in laser precision alignment

 PRÜFTECHNIK  
Alignment Systems

## Precut shims in a Peli™ case

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Precut shims play a major role in correcting the alignment condition of rotating machinery. Traditional shimming solutions involve sourcing, slotting and cutting shims to size from roll stock or plate. This is time consuming, generates considerable waste material and often results in a compromise alignment because the exact shim thickness required is not readily available.

PERMABLOC® precut shims have been widely used in industry for more than 20 years. They eliminate the time consuming search for material, and bespoke cutting to size. Shims are available in 5 machine foot sizes with 8 thicknesses in each size range which meets most shim correction requirements whilst using a maximum of just three shims per machine foot.

Shims are available in individual packs of 20 pieces per thickness or better still are supplied as shim kits packed in a rugged case to facilitate access and transportation to site.



## ... available in standard and custom sizes

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PERMABLOC® precut shims are burr-free and have rounded corners to reduce danger of cuts. An extraction and insertion tab facilitates positioning and removal.



- ▶ Available in five different machine foot sizes and in varying thicknesses, therefore suitable for most machines.
- ▶ Made of high-quality stainless steel to prevent corrosion when exposed to acids and alkalis.
- ▶ Configured in thicknesses so that no more than three shims are usually needed to obtain any required thickness, eliminating the 'leaf spring' phenomenon encountered when too many shims are inserted beneath machine feet.
- ▶ Perfectly flat to ensure stable, consistent machine support over their entire surface.
- ▶ Permanently marked with thickness and dimensions for positive identification at a glance.
- ▶ Perforated tab at one end for easier positioning and removal.
- ▶ Available in cases for individual sizes as well for different assortments.
- ▶ Reusable
- ▶ The long shape prevents dirt and foreign matter from accumulating beneath the machine feet.

# Dimensions and part numbers

## Size A

Part no.	a	b	c	Ø	Thickness
ALI 2.500 Ak	60	50	15	M12	0.025
ALI 2.500 An	60	50	15	M12	0.05
ALI 2.500 Ap	60	50	15	M12	0.1
ALI 2.500 Ar	60	50	15	M12	0.2
ALI 2.500 At	60	50	15	M12	0.4
ALI 2.500 Av	60	50	15	M12	0.7
ALI 2.500 Aw	60	50	15	M12	1.0
ALI 2.500 Ax	60	50	15	M12	2.0

## Size B

Part no.	a	b	c	Ø	Thickness
ALI 2.500 Bk	80	70	22	M18	0.025
ALI 2.500 Bn	80	70	22	M18	0.05
ALI 2.500 Bp	80	70	22	M18	0.1
ALI 2.500 Br	80	70	22	M18	0.2
ALI 2.500 Bt	80	70	22	M18	0.4
ALI 2.500 Bv	80	70	22	M18	0.7
ALI 2.500 Bw	80	70	22	M18	1.0
ALI 2.500 Bx	80	70	22	M18	2.0

## Size C

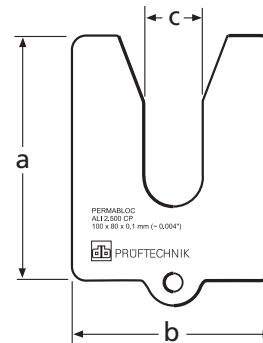
Part no.	a	b	c	Ø	Thickness
ALI 2.500 Ck	100	80	32	M27	0.025
ALI 2.500 Cn	100	80	32	M27	0.05
ALI 2.500 Cp	100	80	32	M27	0.1
ALI 2.500 Cr	100	80	32	M27	0.2
ALI 2.500 Ct	100	80	32	M27	0.4
ALI 2.500 Cv	100	80	32	M27	0.7
ALI 2.500 Cw	100	80	32	M27	1.0
ALI 2.500 Cx	100	80	32	M27	2.0

## Size D

Part no	a	b	c	Ø	Thickness
ALI 2.500 Dk	130	105	44	M36	0.025
ALI 2.500 Dn	130	105	44	M36	0.05
ALI 2.500 Dp	130	105	44	M36	0.1
ALI 2.500 Dr	130	105	44	M36	0.2
ALI 2.500 Dt	130	105	44	M36	0.4
ALI 2.500 Dv	130	105	44	M36	0.7
ALI 2.500 Dw	130	105	44	M36	1.0
ALI 2.500 Dx	130	105	44	M36	2.0

## Size E

Part no.	a	b	c	Ø	Thickness
ALI 2.500 En	200	165	58	M52	0.05
ALI 2.500 Ep	200	165	58	M52	0.1
ALI 2.500 Er	200	165	58	M52	0.2
ALI 2.500 Et	200	165	58	M52	0.4
ALI 2.500 Ev	200	165	58	M52	0.7
ALI 2.500 Ew	200	165	58	M52	1.0
ALI 2.500 Ex	200	165	58	M52	2.0



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All dimensions in mm    Ø = Nominal thread size    Packet size and minimum order quantity: 20 pcs.