

Datum Equivalent Cast (DEC) Frames

Datum Equivalent Cast (DEC) Frames are an aluminium tube alternative to traditional cast frames for printing in the Surface Mount Technology (SMT) industry.

DEC Frames are sold as mesh only or pre-mounted with Datum PhD or Tension stencil blanks.

Easier and Faster Storage and Handling

DEC Frames are significantly lighter and easier to handle than the cast frames they are designed to replace.

For example: A 15 x 5 DEC frame:

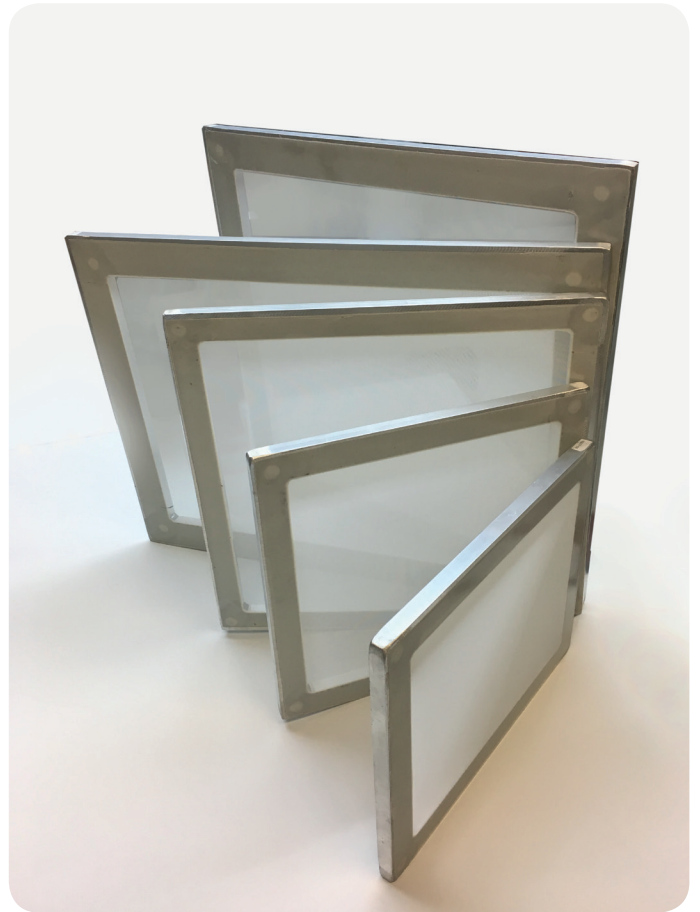
- Weighs only 2.9lbs (1.3kg) compared to 6.0lbs (2.7kg) for the cast frame
- At 1/2" (13mm) is 2/3rd the height of a cast frame
- Has a simple tubular section design that allows for easier and quicker stacking storage.

Significant Reduction in Shipping Cost

With the improved size and weight, it is estimated that twice as many frames can fit on a pallet and would cut shipping costs by 50%.

Frames sizes are available for immediate delivery. Please call our sales teams for more information.

Datum Part	Cast Description
DECMK1FM_8_10_25_13_3.2_T4	8" x 10"
DECMK1FM_10_10_25_13_3.2_T4	10" x 10"
DECMK1FM_12_12_25_13_3.2_T4	12" x 12"
DECMK1FM_15_15_38_13_3.2_T4	15" x 15"
DECMK1FM_12_17_38_13_3.2_T4	12" x 17"
MK1FM_23_23_38_13_3.2_T4	20" x 20"



UK

Datum Alloys Ltd
+44 (0) 1548 855 900
sales@datumalloys.com

USA

Datum Alloys Inc
+1 607 239 6274
us.sales@datumalloys.com

Singapore

Datum Alloys Pte Ltd
+65 3158 9807
sg.sales@datumalloys.com

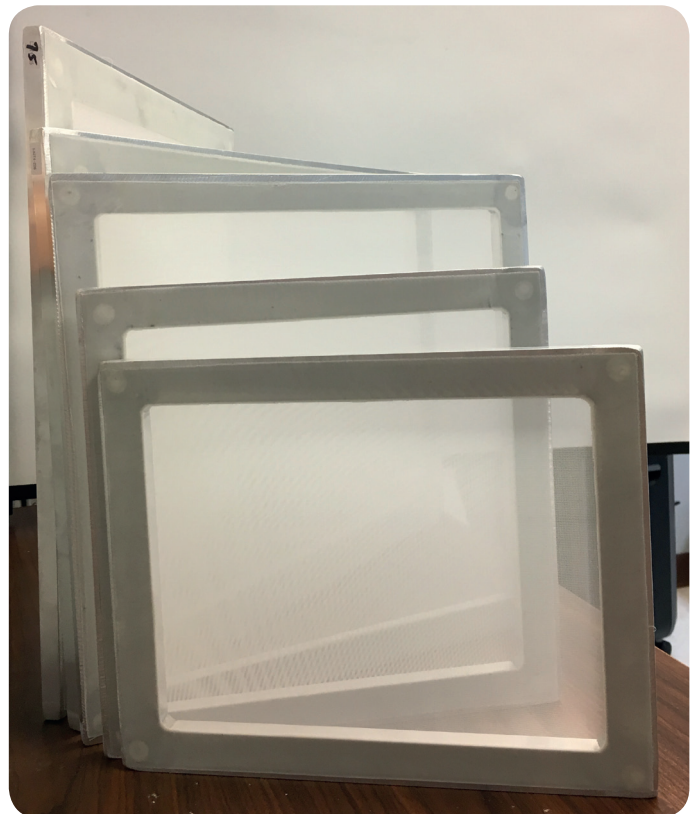
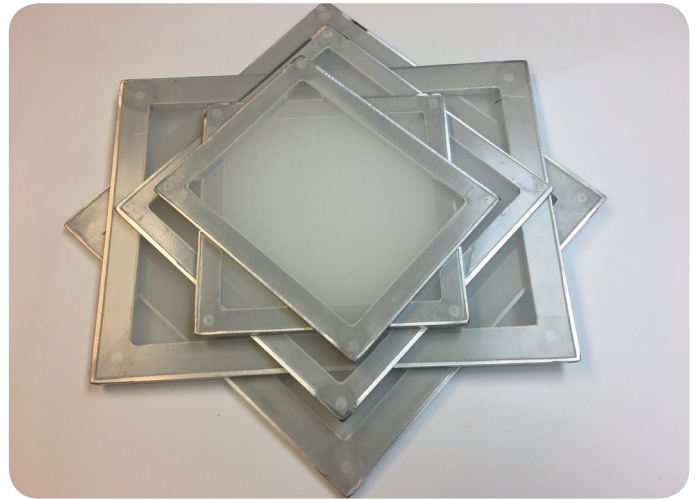


Datum

The data says yes

Frame size notes

1. Datum Equivalent Cast frames are made from low profile aluminium extrusions and designed to be used in place of cast frames with the advantage of being light and thin (1/2" or 13mm) for easy handling and storage.
2. Frames are designed to have the same outside space dimensions, hole size and hole spacing as cast frames. if there are specific dimensions you need please ask your sales team.
3. For the 20" x 20" equivalent we recommend using our standard 23 space saver frame with the same outside dimensions and hole diameters. The hole centre to centre distance is slightly different by less than 1/10" which most printer clamping systems can adjust to.
4. If pre-mounted FMS are required please ask us if you need to know the specific foil size and printable area.



Datum

The data says yes

www.datumalloys.com