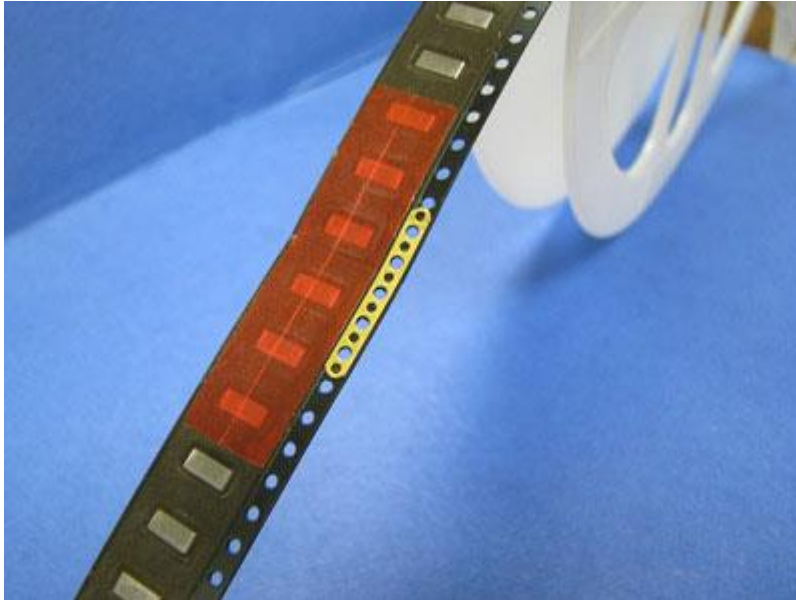


## TAPE SPLICING



### Introduction

IQD have recently begun offering a tape splicing service. This means that the tape used to hold components can be joined. It can be done either to add components to a reel, or to create smaller reel sizes by adding the leader and follower to the tape.

This service can be offered for most standard products, but for some non-stock items we may not hold the correct pocket tape in the warehouse.

### How it works

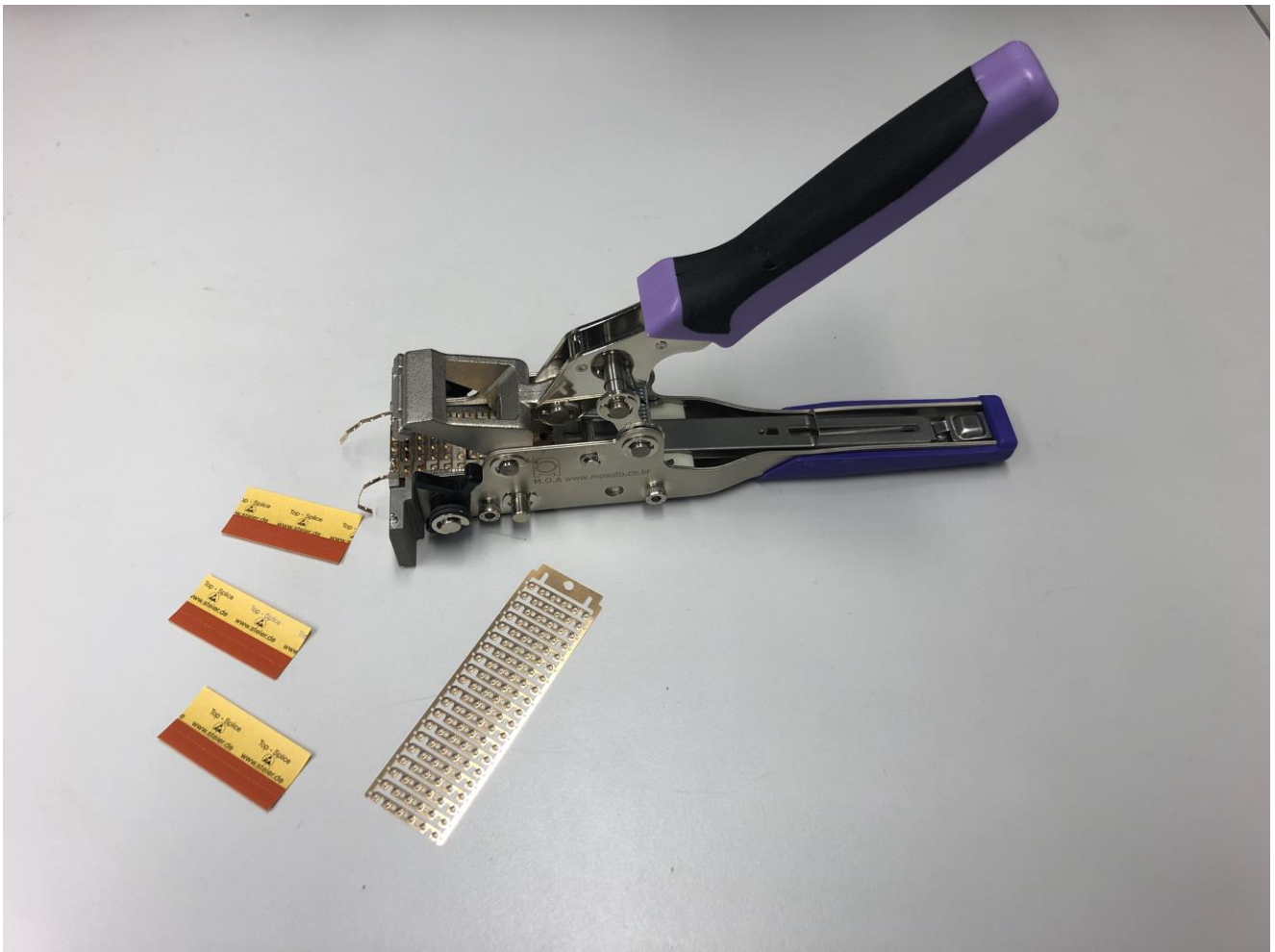
The two butt ends of the pocket tape are joined using a metal staple, the cover tape is joined using a sticker.

This process conforms to EIA-481



### Which system are IQD using?

There are many tape splicing systems available. IQD have invested in equipment and training to use the Splice Tool-Stapler Type (CST-010) system made by M.A.O Co., Ltd. This is the same system used by our parent company Wurth Elektronik.



## Our procedure

We feel it is important that customers are aware that the product will be packaged on a spliced tape. Therefore, IQD will offer this service only in agreement with the customers and they will be asked to sign a concession stating willingness to accept product on spliced tape.

## Conformity with EIA-481

For all IQD's products which are sold on tape and reel, the packaging conforms to the standard EIA-481, the *Electronic Industries Association Standard Number 481: 8mm through 200mm Embossed carrier taping and 8mm & 12mm punched carrier taping of surface mount components for automatic handling.*

Our tape splicing system conforms with all requirements of EIA-481

Specifically:

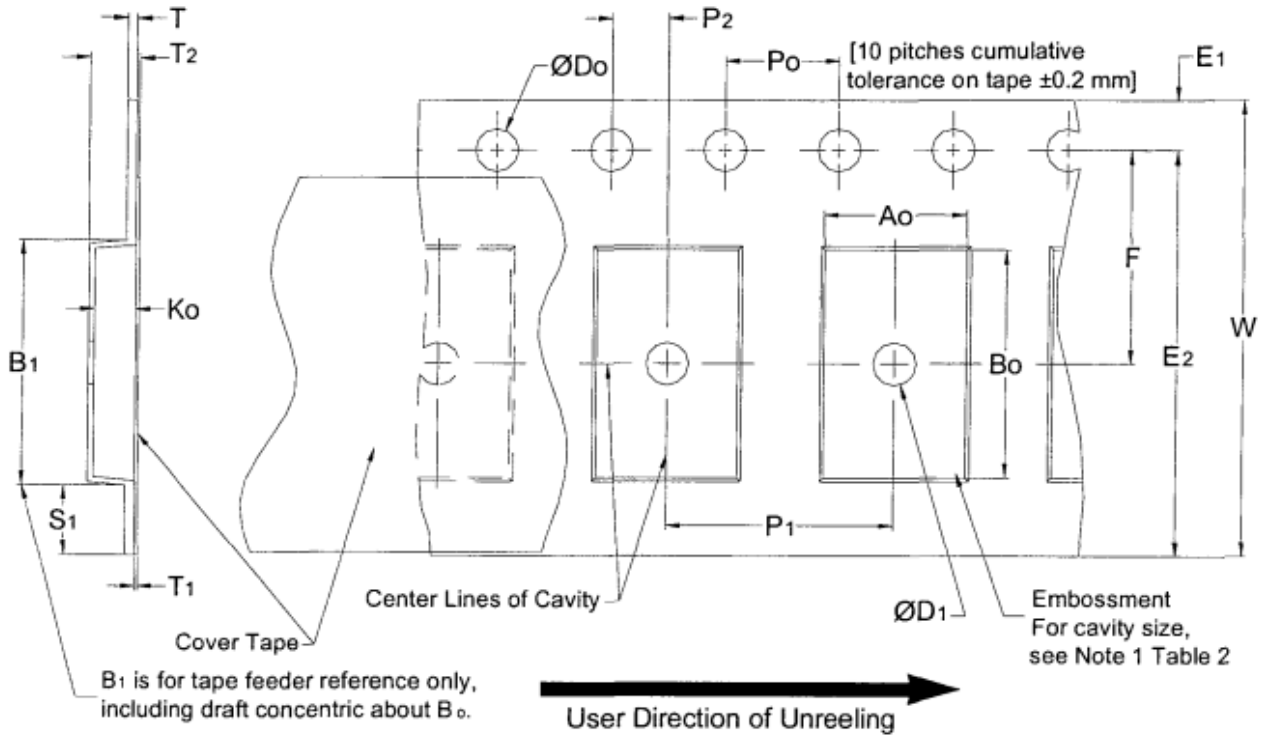
EIA-481 Table 2 defines pocket tape maximum thickness, T max: 0.6mm

EIA-481 Table 2 defines the cover tape maximum thickness, T1 max: 0.1mm

Our tape splicing system meets these requirements.

**Figure 5 -- 8 mm, 12 mm, 16 mm & 24 mm embossed carrier tape dimensions**

See Section 4.0 for requirements (all dimensions in millimeters)



**Table 2 -- 8, 12, 16 & 24 mm embossed carrier dimensions**

Constant (for 2 or more widths) Dimensions

Tape Size	$D_0$	$D_1$ Min.	$E_1$	$P_0$	$P_2$	R Ref. See Note 2	$S_1$ Min. See Note 3	T Max.	$T_1$ Max.
8 mm	1.5 $+0.1$ $-0.0$	1.0	1.75 $\pm 0.1$	4.0 $\pm 0.1$	2.0 $\pm 0.05$	25	0.6	0.6	0.1
12 mm		1.5			2.0 $\pm 0.1$	30			
16 mm									
24 mm									