

## Technical Product Standardization – Simplify your product



Technical Product  
Standardization

# Technical Product Standardization

## – Simplify your product

Over the years, the variety of models in many companies has increased. This can have an enormous effect on efficiency and inventories. Intelligent product design combines your furniture requirements with production requirements, and thus increases efficiency throughout your entire organization.

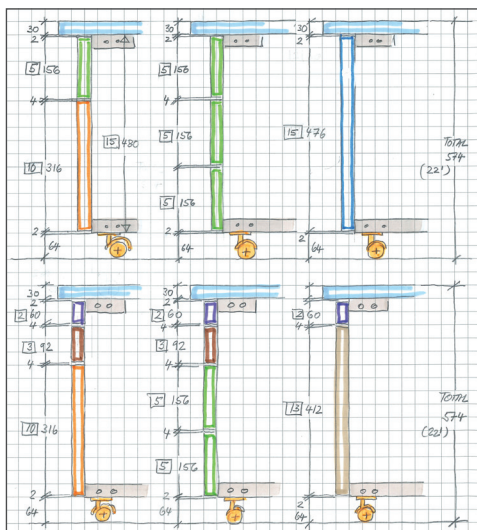
Product standardization aims at defining clear rules (standards) for design without limiting customers or designers too severely. This results in minimized diversity of parts, a significantly reduced number of variations in design principles and common processing characteristics, thus simplifying production.

### Focal points

- Developing optimized and standardized design principles
- Product design adjusted to the possibilities of manufacturing
- Defining grid dimensions and modules
- Drafting design documents for selected products
- Standardizing fittings, connections and other materials
- Reduction of machine setup times / lead times

### Approach

- Analyzing current products
- Drafting a basic concept on-site
- Detailed elaboration of standardization system using selected products
- Documenting new standards and design principles
- Presenting results and documentation on-site
- Supporting in the implementation of the defined measures



### Your benefits

- Reduced manufacturing costs
- Increased machine efficiency
- Increased performance in production
- Standardized manufacturing processes
- Simplified production
- Shorter retooling times
- Shorter lead times
- Reduction of inventories
- Larger product variety due to more possibilities to combine

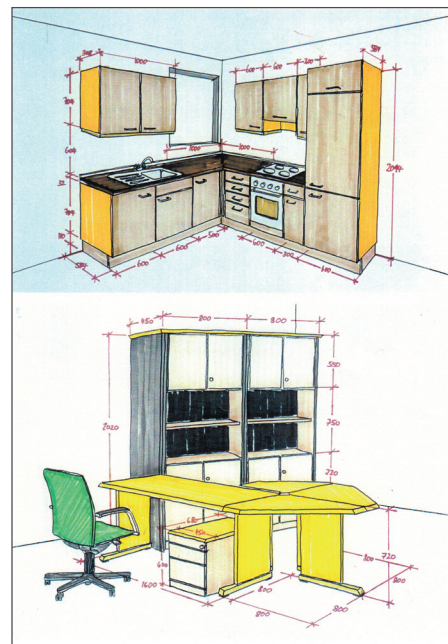
### Example:

#### Current system

- 246 different components
- Many minor differences in dimensions for similar items
- No standardized design principle (different drilling patterns, connection variations)

#### New system

- 83 different components
- Standardized design principle and elimination of the many differences in dimensions
- Reduction of setup times at drilling machines by 50%
- Increased machine efficiency and productivity in manufacturing



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