



Herkules Series
Heavy duty profiles

Herkules SAN

- heavy duty profile for transitions from existing components to new components and extension of existing components with new components for industrial concrete floor slabs
- ultra-stable profile head
- extremely high load bearing capacity
- suited for all kinds of floor conveyors

Description / Details:

Heavy duty profile HERKULES SAN, base material ST37. Joint system for expansion joints in transitions from existing components to new components. Installation bars for fixation on existing components. Absorption of shrinkage movements of new components. Frictional connection through flexible arrangement of installation bars. Fixation of profile via screw anchors. Extension via integrated threaded joint. Variable element lengths. Accurate to size end pieces from 1000 mm - 4000 mm as well as angle, cross, and T-shaped parts available. Screw anchors SA6 & SA8 in Accessories category on page 59.

Production:

Our flexible production allows us to manufacture profiles according to your individual requirements. This way, we can perfectly adapt to the different conditions that are entailed by transitions from old components to new components and ensure the successful and durable construction of your expansion joints.



Profile / Item no.	Profile height	Surface	Load KN	Element lengths
Herkules SAN	55 mm -300 mm	ST37 primed	min. 130 KN	3000 mm
Herkules SANV	55 mm -300 mm	ST37 hot-dip galvanized	min. 130 KN	3000 mm
Herkules SAN2A	55 mm -300 mm	Stainless steel material 1.431	min. 130 KN	3000 mm

Tender specification:

Transition from existing components to new components with heavy duty profile HERKULES SAN or equivalent. Joint system for expansion joints. Set profile system to finished surface height of concrete floor slab before concrete placement. Chisel out existing component to a minimum of 30 mm depth and 200 mm width. Frictional connection through screw anchors. Fit with epoxy resin mortar.

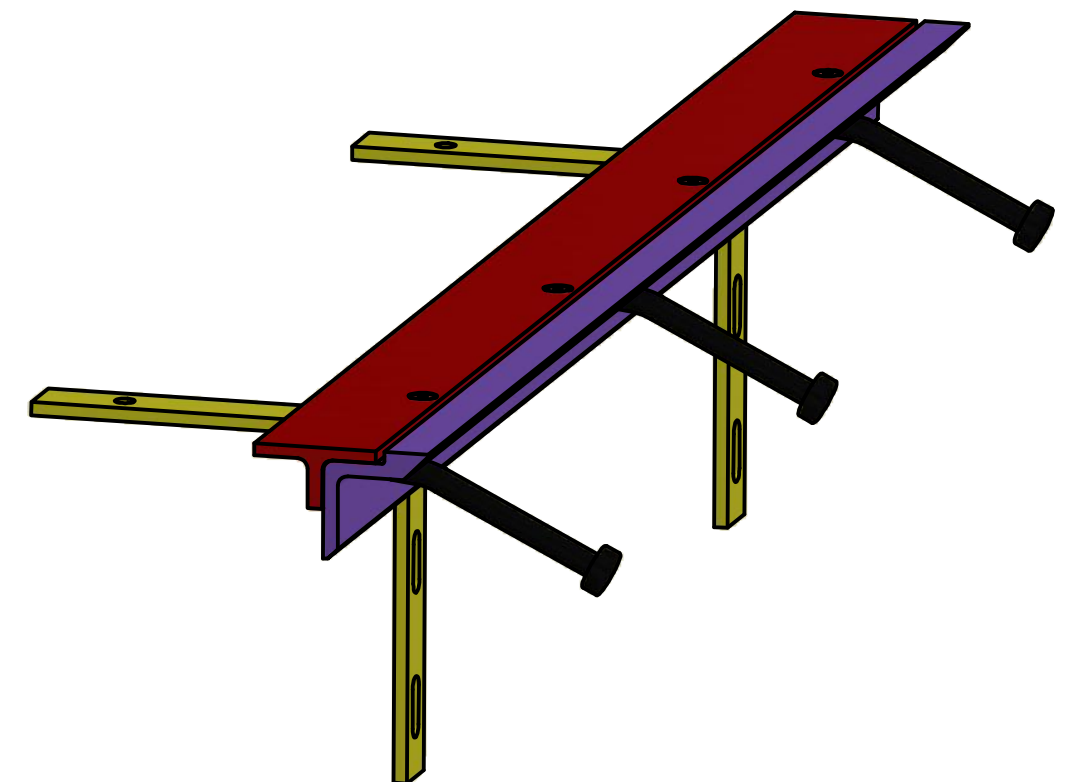
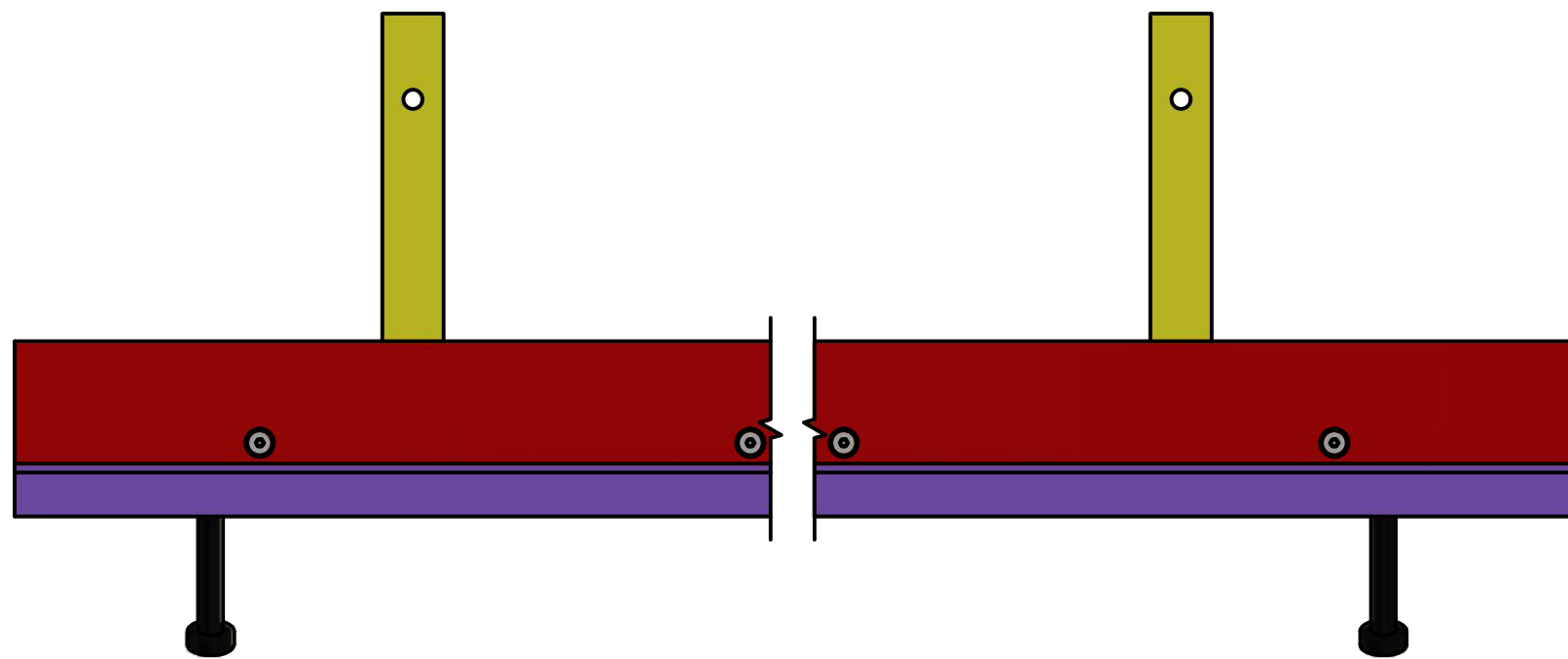
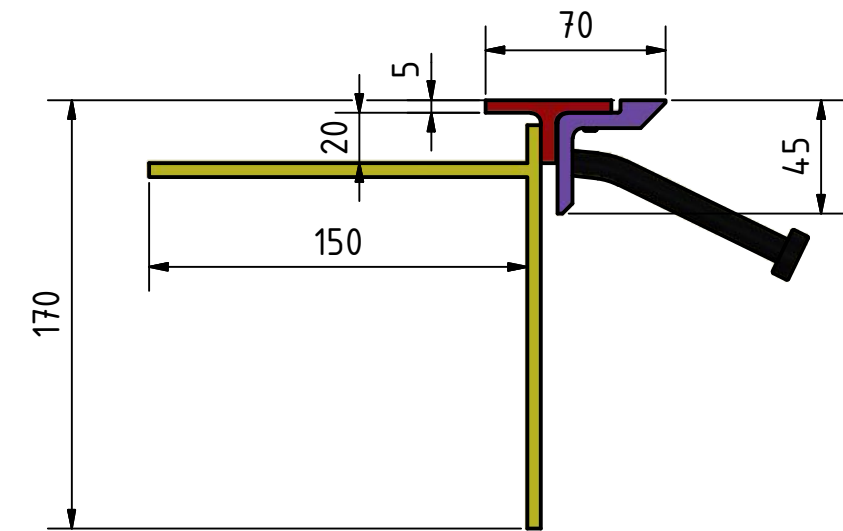
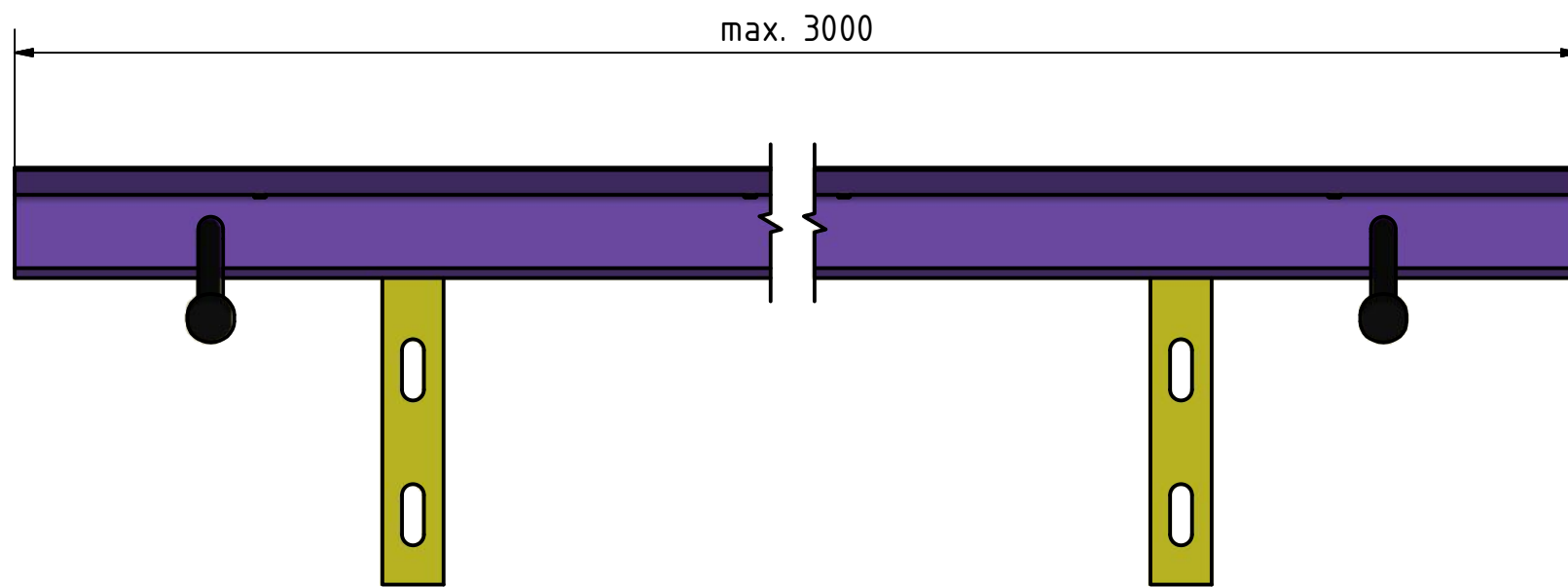
Load transfer doweling against horizontal and vertical offset of floor slab with load transfer dowels. Place boreholes on front side of existing component. For a floor slab thickness up to 200 mm, QK20, Ø 20 mm, length 500 mm, e = 500 mm, plastic-coated.
(Inspection report on expansion behavior by TU München required)

Supplier:

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All tender specifications, CAD profile drawings and required information can be downloaded on our website.

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