

# BAUPROP 20 PROP

## PRODUCT SPECIFICATION SHEET



### PRODUCT DESCRIPTION:

The Bauprop 20 steel prop with a smooth height adjustment and a self-cleaning thread has been designed to transfer vertical compressive loads in temporary slab props, as well as beam and panel formwork.

It consists of two tubes: the internal one with pegging holes and the external one equipped with a thread, as well as an adjusting nut, a locking pin, and two metal plates creating the upper foot and base foot. The prop is hot-dip galvanised, and the nut is additionally powder-coated in a distinctive orange colour.



INDEX	NAME	SIZE (cm)	WEIGHT (kg)
7120B20300	BAUPROP 20-300 PROP	172 – 300	16,8
7120B20350	BAUPROP 20-350 PROP	192 – 350	18,8
7120B20400	BAUPROP 20-400 PROP	221 – 400	22,5

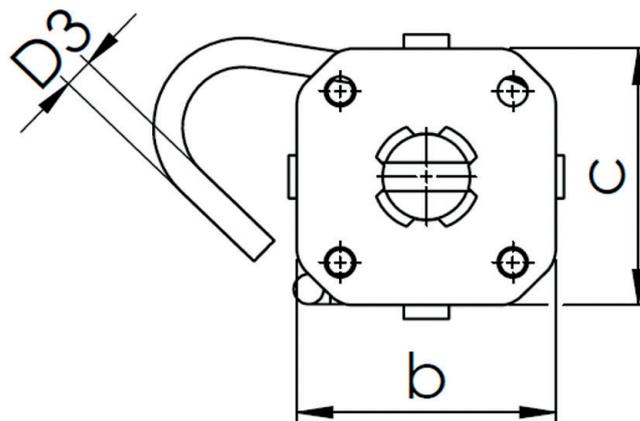
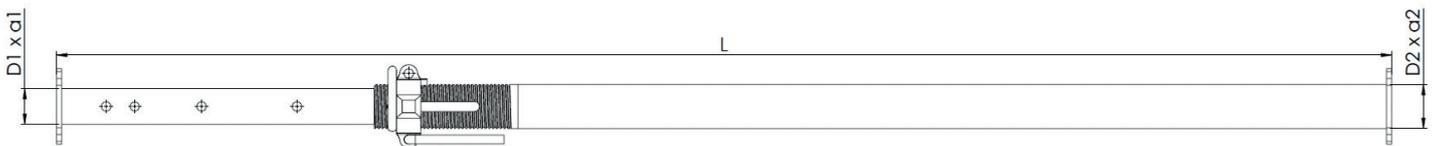
### CHARACTERISTICS:

This prop, which has a minimum load bearing capacity of 20kN based on EN-1065 norm and a high safety factor, has the Sigma Certificate issued by SIGMA KARLSRUHE GmbH. The BAUPROP 20 prop can work with the internal tube directed upwards or downwards. It is equipped with an external thread with a self-cleaning mechanism, which allows smooth adjustment of the prop height in the whole range of its operation. At the lowest position of the prop, the safety space is maintained to protect the fitter's hand from crushing.



## WEIGHT AND DIMENSION:

<b>PROP TYPE:</b>	<b>BAUPROP PROP 20 - 300</b>	<b>BAUPROP PROP 20 - 350</b>	<b>BAUPROP PROP 20 - 400</b>
Ø of external tube [mm]	70,0	70,0	76,0
wall thickness of external tube [mm]	2,6	2,6	2,6
Ø of internal tube [mm]	57,0	57,0	63,0
wall thickness of internal tube [mm]	2,6	2,8	2,6
Ø of blocking pin [mm]	14,0	14,0	14,0
dimension of upper and bottom base [mm]	120x120		
thickness of upper and bottom base [mm]	8,0		
min. working length [mm]	1715	1950	2210
max. working length [mm]	3000	3500	4000
weight [kg]	16,8	18,8	22,5



## TECHNICAL PARAMETERS:

Permissible loads of BAUPROP 20 props, tested according to the provisions of PN-EN 1065:2001 norm.

<b>HEIGHT PROPS</b>	<b>BAUPROP PROP 20 - 300</b>	<b>BAUPROP PROP 20 - 350</b>	<b>BAUPROP PROP 20 - 400</b>
[mm]	[kN]		
1750	30,9		
1800	30,9		
1900	30,9		
2000	30,9	30,9	
2100	28,0	30,9	
2200	25,5	30,9	30,9
2300	23,4	27,3	30,9
2400	21,5	25,0	28,6
2500	20,6	23,1	26,4
2600	20,6	21,3	24,4
2700	20,6	20,6	22,6
2800	20,6	20,6	21,0
2900	20,6	20,6	20,6
3000	20,6	20,6	20,6
3100		20,6	20,6
3200		20,6	20,6
3300		20,6	20,6
3400		20,6	20,6
3500		20,6	20,6
3600			20,6
3700			20,6
3800			20,6
3900			20,6
4000			20,6