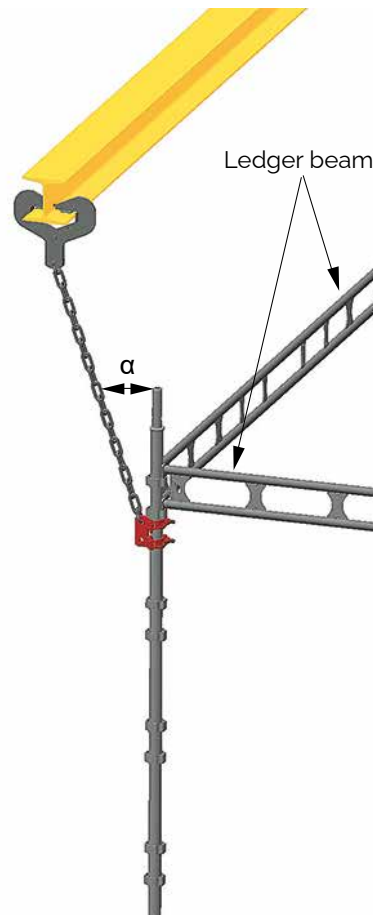


HAKI Suspended Scaffold

Loading conditions

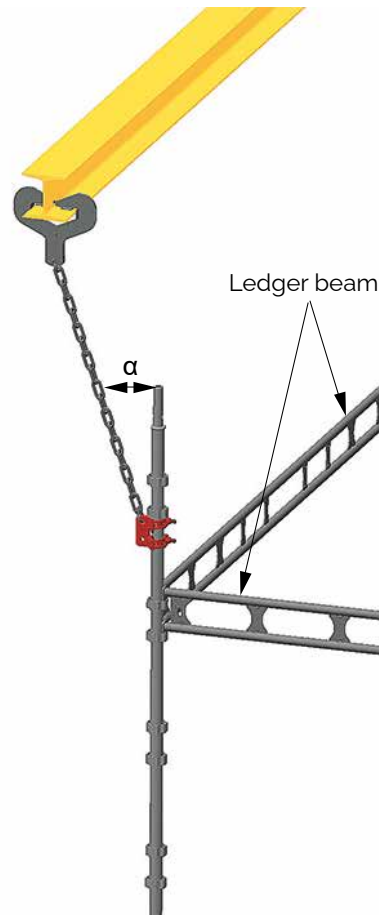


The Suspension device must always be mounted directly below a group of pockets to avoid sliding.

Group of pockets 1

Load case 1. Permissible loads as a function of angular change

Angle α [°]	S4 AL [kN]	S6 AL [kN]	FSSH AL [kN]	S Fzv [kN]
0	11.8	16.3	5.9	15.0
5	11.2	15.5	5.6	14.2
10	10.6	14.7	5.3	13.5
15	10.1	13.9	5.1	12.9
20	9.6	13.3	4.8	12.2
25	9.1	12.6	4.6	11.6
30	8.7	12.0	4.3	11.0
35	8.2	11.3	4.1	10.5
40	7.7	10.7	3.9	9.9
45	7.3	10.0	3.6	9.3



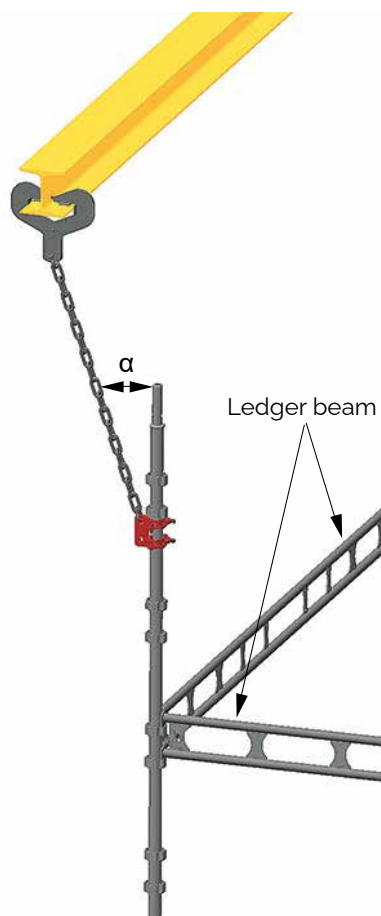
The Suspension device must always be mounted directly below a group of pockets to avoid sliding.

Group of pockets 2

Load case 2. Permissible loads as a function of angular change

Angle α [°]	S4 AL [kN]	S6 AL [kN]	FSSH AL [kN]	S Fzv [kN]
0	11.8	16.3	5.9	15.0
5	13.2*	18.2*	6.6*	16.7*
10	14.9*	19.5*	7.5*	18.9*
15	17.3*	19.3*	8.6*	19.3*
20	15.2	18.6*	7.6	18.6
25	9.8	13.5	4.9	12.5
30	7.1	9.7	3.5	9.0
35	5.4	7.4	2.7	6.9
40	4.3	5.9	2.1	5.5
45	3.4	4.7	1.7	4.4

* In load cases 2-4, the direction of the force components leads to moments counteracting each other. This may mean that the moment on the standard is not always minimum at $\alpha = 0^\circ$



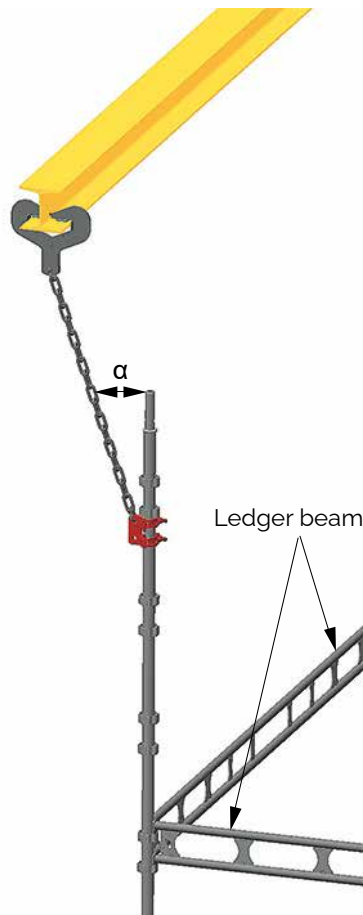
The Suspension device must always be mounted directly below a group of pockets to avoid sliding.

Group of pockets 3

Load case 3. Permissible loads as a function of angular change

Angle α [°]	S4 AL [kN]	S6 AL [kN]	FSSH AL [kN]	S Fzv [kN]
0	11.8	16.3	5.9	15.0
5	13.2*	18.2*	6.6*	16.7*
10	10.8	14.9	5.4	13.8
15	5.8	7.9	2.9	7.4
20	3.9	5.3	1.9	4.9
25	2.9	3.9	1.4	3.7
30	2.2	3.1	1.1	2.9
35	1.8	2.5	0.9	2.3
40	1.5	2.0	0.7	1.9
45	1.2	1.7	0.6	1.6

* In load cases 2-4, the direction of the force components leads to moments counteracting each other. This may mean that the moment on the standard is not always minimum at $\alpha = 0^\circ$



The Suspension device must always be mounted directly below a group of pockets to avoid sliding.

Group of pockets 4

Load case 4. Permissible loads as a function of angular change

Angle α [°]	S4 AL [kN]	S6 AL [kN]	FSSH AL [kN]	S Fzv [kN]
0	11.8	16.3	5.9	15.0
5	13.2*	18.2*	6.6*	16.7*
10	5.4	7.4	2.7	6.9
15	3.2	4.4	1.6	4.1
20	2.2	3.0	1.1	2.8
25	1.7	2.3	0.8	2.1
30	1.3	1.8	0.7	1.7
35	1.1	1.5	0.5	1.4
40	0.9	1.2	0.4	1.1
45	0.7	1.0	0.4	0.9

* In load cases 2-4, the direction of the force components leads to moments counteracting each other. This may mean that the moment on the standard is not always minimum at $\alpha = 0^\circ$

