

TRANSPORT and LIFTING Strip anchors



Lifting Strip ERECTION Anchor / 1

Material : St 52.3 (S355J2G3)

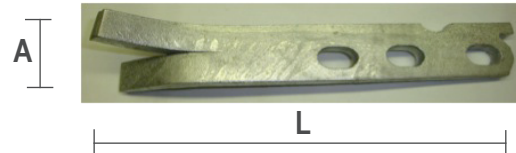
The capacity loads are axial with breakage factor of safety equal to 3.

A rebar must be passed through the cross hole to transfer the load into the concrete. Dimensions and safe working loads at concrete strength of 25 N / mm²

Finishing : Black (SB)

Finishing : Hot Dipped Galvanised (HDG)

Finishing : Zinc Plated (ZP), on request.



HAE/1	HAE/1-HDG	Load Group Tonnes	Axial Capacities Load Kg	Length L mm	Dimensions mm		Weight Kg/pc
					A	thick-ness	
HAE/1-014-200-SB	HAE/1-014-200-HDG	2,5	1.400	200	40	6	0,28
HAE/1-025-230 SB	HAE/1-025-230-HDG		2.500	230	40	10	0,65
HAE/1-040-270-SB	HAE/1-040-270-HDG	5,0	4.000	270	55	12	1,10
HAE/1-050-290-SB	HAE/1-050-290-HDG		5.000	290	55	15	1,70
HAE/1-075-320-SB	HAE/1-075-320-HDG	10,0	7.500	320	80	15	3,20
HAE/1-100-390-SB	HAE/1-100-390-HDG		10.000	390	80	20	4,10
HAE/1-125-500-SB	HAE/1-125-500-HDG	26,0	12.500	500	115	20	

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Load Capacity of the anchor HAE/1 installation dimensions.

Required reinforcement for 2 Hole anchors, concrete > 15 N/mm²

Load Group Tonnes	Axial Capacities Load Kg	Anchor distances (mm)	min. element thickness mm		Additional reinf. L mm	Lifting (**) Kg 100%
			HAE / 1	HAE		
2,5	1.400	700	90	100	diam. 10 x 700	1400
	2.500	800	120	120	diam. 12 x 800	2500
5,0	4.000	950	140	150	diam. 14 x 950	4000
	5.000	1000	140	160	diam. 16 x 1000	5000
10,0	7.500	1200	160	175	diam. 20 x 1200	7500
	10.000	1500	200	200	diam. 20 x 1500	10000
26,0	12.500	1500	240	240	diam. 25 x 1500	14000
	17.000	1500	300	300	diam. 25 x 1800	17000
	22.000	1500	360	360	diam. 28 x 1800	22000

(*) reinforcement : Steel rebar Feb 500 or BSt 500S



(**) Lifting B
90° < 70° = 100 %



(**) Lifting B
> 70° = 80 %



(**) Lifting B
> 70° = 50 %



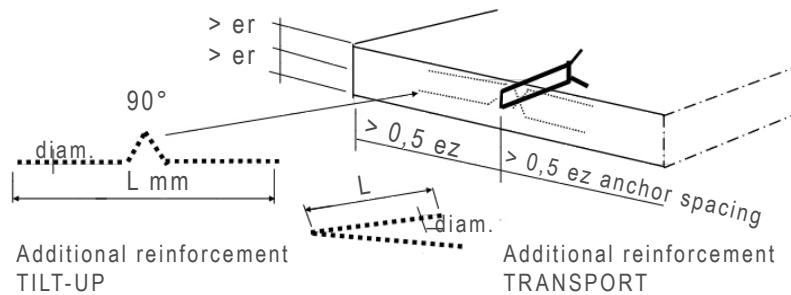
Additional
reinforcement

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Required reinforcement and edge distance of the anchor HAE & HAE/1.

Required reinforcement
for 2 Hole Flat Lifting
Anchors, concrete
strength > 15 N/mm²



HAE	Load Group Tonnes	Min. tichness (er) and anchor spacing between anchors (ez)		Additional reinforcement		Pull transp. Kg ↑	Angled Pull Kg ↗ ↘	
		er (mm)	ez (mm)	tilt up diam. x L mm	transport diam. x L mm		Kg ↗	Kg ↘
HAE-014-200	2,5	100	700	10 x 700	10 x 325	1400	700	1100
HAE-025-230		120	800	12 x 800	12 x 500	2500	1300	2000
HAE-040-270	5,0	150	950	14 x 950	16 x 600	4000	2000	3200
HAE-050-290		160	1000	16 x 1000	16 x 750	5000	2500	4000
HAE-075-320	10,0	175	1200	20 x 1200	20 x 900	7500	3800	6000
HAE-100-390		200	1500	20 x 1500	20 x 950	10000	5000	8000
HAE-125-500	26,0	240	1500	25 x 1500	25 x 1100	14000	7000	11200
HAE-170-500		300	1500	25 x 1800	25 x 1250	17000	8500	13600
HAE-220-500		360	1500	25 x 1800	25 x 1500	22000	11000	17600