



## RD20 Threaded Lifting Loop Safe Working Load: 2000kg each

Manufactured from zinc plated steel wire rope with a precision bright steel threaded portion. Threaded lifting loops are ideally suited to axial lifting procedures but can be used up to and including angled lifts of 30 degrees.

## Use and Operation

The threaded lifting loop must be fully threaded into the lifting socket prior to commencing a lifting operation. It is imperative that the two mating surfaces are parallel to each other.

NOTES:					
All dimensions in mm     All measurements ± 1mm					
Specification Information     Opening in back wall cast to suit outside diameter of the pipework					
Invert level of pipe can be set to your specification					
Headwall Installation					
Units should be bedded on minimum 150mm of semi-dry concrete. Sit the headwall level or with a slight fall 1:50 from pipe to spill mouth.					
Handling A. Weight of concrete is based on 2.4 tonne/m <sup>3</sup> +5% is recommended for sizing lifting					
equipment.					
B. All lifting points shall be used as specified below - Anchor points & loops - Total Qty: 3					
C. Unit to be lifted as per lifting diagram					
Concrete					
<ul> <li>A. Mix ref: Self-compacting DC4/DS4 Mix</li> <li>B. Lifting strength based on 2 cubes = 20N/mm<sup>2</sup></li> </ul>					
C. Characteristic 28 day cube strength = 50N/mm <sup>2</sup>					
D. Concrete provides Design Chemical Class 4 (DC4) to special Digest 1, Table F2.					
Reinforcement					
A. Reinforcement to BS EN 13369     B. Scheduling, dimensioning, bending & cutting to BS8666					
C. Cage to be	machine tied with	steel wir	e		
Manufacture					
A. Manufacture to BS EN 15258:2008 precast concrete products - Retaining wall					
elements, Factory Production Control certificate number: 0086-CPR-650448 & BS EN 13369					
B. Tolerances to BS EN 13369 clause 4.3.1.1 C. Finishing:					
Class A A A Self-Levelled					
D. Marking: Units shall be indelibly marked to show:					
Mould reference code     De-mould date					
Job reference number & unique product number					
Unit weight (kg)					
Design					
Concrete design to EC2     B. Althon have designed the concrete units only, the site conditions should be					
assessed for suitability by the scheme designer					
C. Units are designed to withstand a vertical live load surcharge of 10kN/M <sup>2</sup> D. Weight of soil = 18kN/M <sup>2</sup>					
E. Angle of internal friction = 30 Deg.					
Nill Cover         Nill Cover           Size (mm)         Size (mm)           All Faces         33         28					
	Exposure induced Cor	rosion induc		emical	
Classification All Faces	by Carbonation I XC3/4	by Chloride XD2		tack KA2	
Fabrication Specification     A. Manufacture IAW EN 1090-2 EXC CLASS 1					
B. Material grade is to be: BS EN 10025 S275					
<ul> <li>Welding carried out IAW EN 1090-2 PARA 7.5.4 - 7.5.18</li> <li>All fillet and butt welds to have a minimum throat thickness of 6mm &amp; joints to be</li> </ul>					
fully welded where possible.					
F. All sharp ed					
	weld splatter. Inching are permit	ted with	reamina.		
	is carried out afte			0 1461	
Handrail Specifica	ation				
A. Kee Klamp	B Galvanised Size			Medium Duty Tube to BS	
EN 10255				,	
				S 6399 & BS 7818, Civil VI) 7th Edition Clause 2.60	
Handrails &	Balusters & The I	Engineer	ing Equipment an	d Materials Users'	
Association Handrails	(EEMUA) Publica	ition 105	/th Edition Facto	ry Stairways, Ladders and	
D. Other design loads available on request					
E. GRP/FRP Handrails also available					
REV NO	DATE		DESCRIPT		
	DATE		JESURIPI		
Althon					
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VULCAN ROAD SOUTH FAX: 01603 488598 NORWICH EMAIL: sales@aithon.co.uk NR6 6AF WEBSITE: www.aithon.co.uk					
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DRAWING TITLE / PROJECT:					
		Head	dwall		
	Lift		iagram		
		0	0		
CLIENT:					
SCALE:	PAPER:	SHEET N	10:	DATE:	
NTS	A3		02 OF 02	26 - 04 - 18	
HEADWALL WEIG	HT: 1150	)ka	TOE WEIGHT:	N/A	
	1100	.9			

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