

**FIXING RECOMMENDATIONS:** The fixing clamp consists of a stainless steel slotted head bolt, a stainless steel bottom securing clamp and a stainless steel square nut. The fixing clamp may be pre-fitted to the decking before erection by the following procedure: Pass the slotted head bolt through the decking from the top surface, feed the bolt through the slot in the bottom securing clamp and run the nut two or three threads. Ensure that the clamp is close enough to the edge of the panel to enable the channel shaped end of the bottom securing clamp to pass beneath the steelwork. By using a screwdriver through the space between the bearing bars the clamp can be moved into position and the bolt finally tightened ensuring that the square nut is located in the channel section.

**Ramsay Access Head Office**

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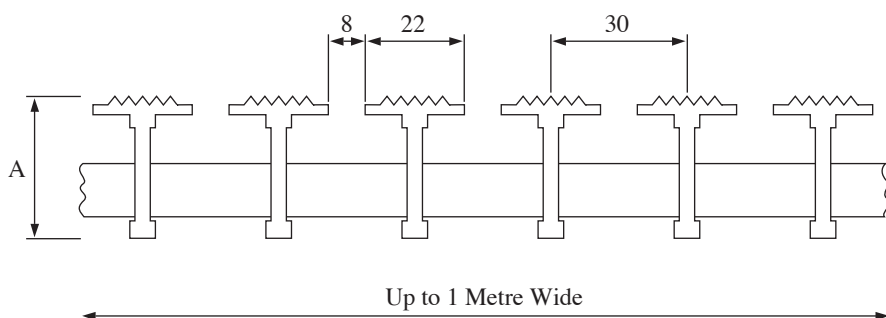
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**SAFE WORKING LOADS AND DEFLECTION TABLE**

Symbol & Depth		SPAN (Direction of Bearing Bars)											
		610.00	760.00	915.00	1065.00	1220.00	1370.00	1525.00	1675.00	1830.00	1980.00	2135.00	2435.00
NDK 100 25mm	U	32.80	21.00	14.60	10.70	8.20	6.50	5.30					
	d	3.60	5.70	8.20	11.20	14.60	18.50	22.80					
	C	10.00	8.00	6.70	5.70	5.00	4.40	4.00					
	d	2.90	4.60	6.60	8.90	11.70	14.80	18.30					
NDK 125 32mm	U	51.40	32.90	22.80	16.70	12.80	10.10	8.20	6.80	5.70			
	d	2.90	4.60	6.60	8.90	11.70	14.70	18.20	22.00	26.20			
	C	15.70	12.50	10.40	8.90	7.80	6.90	6.30	5.70	5.20			
	d	2.30	3.60	5.30	7.20	9.40	11.80	14.60	17.60	21.00			
NDK 150 38mm	U	74.00	47.40	32.90	24.10	18.50	14.60	11.80	9.70	8.20	7.00	6.00	4.60
	d	2.40	3.80	5.50	7.50	9.80	12.30	15.20	18.40	21.90	25.70	29.80	39.10
	C	22.50	18.00	15.00	12.90	11.30	10.00	9.00	8.20	7.50	6.90	6.40	5.60
	d	1.90	3.00	4.40	6.00	7.80	9.80	12.20	14.70	17.50	20.50	23.90	31.20
NDK 200 51mm	U	131.70	84.30	58.50	43.00	32.90	26.00	21.00	17.40	14.60	12.40	10.70	8.20
	d	1.80	2.80	4.10	5.60	7.30	9.20	11.40	13.80	16.50	19.30	22.30	29.30
	C	40.20	32.10	26.80	22.90	20.00	17.80	16.00	14.60	13.40	12.40	11.50	10.00
	d	1.50	2.30	3.30	4.50	5.80	7.40	9.10	11.00	13.10	15.40	17.90	23.40

Unit Stress - 82.74 MN/m<sup>2</sup> U - Uniform Load KN/m<sup>2</sup> C - Concentrated Load KN/m of width d- Deflection (mm)

**Stairtreads**

Ramsay stairtreads are manufactured in any length and width to suit customer requirements. Various types of nosings are available or simple inexpensive treads without nosings can be supplied for step-up situations where the absence of a nosing or sight bar does not create a safety hazard.

Stairtreads can be supplied with end plates either drilled or undrilled.