

The screenshot displays the AutoDesk Robot Structural software interface. The main workspace shows a 3D model of a curved structural member, likely a beam or arch, with nodes numbered 1 through 25. A yellow starburst highlights a specific node. The right-hand panel contains the 'Properties' window for the selected element, showing details such as 'Number: 41', 'Name: RC beam_2', 'Section: 8 Hb/20', and 'Default material: CONCR'. Below this, the 'Node coordinates (m)' are listed, with 'Beginning' coordinates at 0.00, 0.00, 0.00 and 'End' coordinates at 10.00, 0.00, 0.00. The 'For profile' section shows 'Start' and 'End' values. At the bottom right, a table lists the 'Section' properties for the beam.

Item	Node 1	Node 2	Section
1	22	24	8 Hb/20
2	7	4	8 Hb/20
3	24	25	8 Hb/20
4	1	4	8 Hb/20
5	4	7	8 Hb/20
6	7	8	8 Hb/20
7	8	6	8 Hb/20
8	9	10	8 Hb/20

Robot Structural 2013 Manual

**Birgit Lugin, Catherine
Pelachaud, David Traum**



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