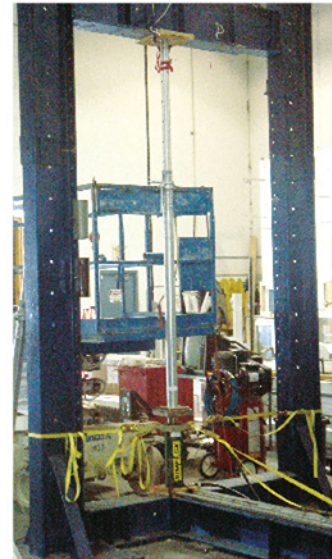


# Heavy Duty Vertical Steel Post / Vertical Deber Pesado Acero Parales

| Ultimate Compressive Load                                      |             |            |          |  |
|--|-------------|------------|----------|--|
| Test Description   | Test Result |            |          |  |
| No.1, 5'6"-10' - 25mm (1in.) extension - (1.70m / 5'7")        | 28,358 lbf  | 12,863 kgs | 126.1 kN |  |
| No.1, 5'6"-10' - one third (18in.) extension - (2.13m / 7')    | 27,467 lbf  | 12,459 kgs | 122.2 kN |  |
| No.1, 5'6"-10' - two thirds (36in.) extension - (2.59m / 8'6") | 29,660 lbf  | 13,454 kgs | 131.9 kN |  |
| No.1, 5'6"-10' - full (54in.) extension - (3.05m / 10')        | 27,261 lbf  | 12,366 kgs | 121.3 kN |  |

Note: No safety factor has been applied to the loads above.



| Ultimate Compressive Load                                      |             |            |          |  |
|--|-------------|------------|----------|--|
| Test Description   | Test Result |            |          |  |
| No.2, 6'6"-11' - 25mm (1in.) extension - (2.00m / 6'7")        | 31,511 lbf  | 14,293 kgs | 140.2 kN |  |
| No.2, 6'6"-11' - one third (18in.) extension - (2.44m / 8')    | 28,152 lbf  | 12,770 kgs | 125.2 kN |  |
| No.2, 6'6"-11' - two thirds (36in.) extension - (2.90m / 9'6") | 29,797 lbf  | 13,516 kgs | 132.5 kN |  |
| No.2, 6'6"-11' - full (54in.) extension - (3.35m / 11')        | 23,697 lbf  | 10,749 kgs | 105.4 kN |  |

Note: No safety factor has been applied to the loads above.

Nota: No existe un factor de seguridad se ha aplicado a las cargas anteriores.

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Specimen Size / Tamaño de pieza : No.4, 10'6"-15'6" (3.2m~4.72m)

Outside Pipe Dia. / Diametro exterior del tubo :  $\Phi$ 76mm x 3mm

Inner Pipe Dia. / Diametro de la tubería en el interior :  $\Phi$ 63mm x 3.5mm


| Ultimate Compressive Load   |             |            |        |  |
|---|-------------|------------|--------|--|
| Test Description  | Test Result |            |        |  |
| No.4, 10'6"-15'6" - 25mm (1in.) extension - (3.20m / 10'7")         | 39,550 lbf  | 17,940 kgs | 176 kN |  |
| No.4, 10'6"-15'6" - one third (20in.) extension - (3.71m / 12'2")   | 35,230 lbf  | 15,980 kgs | 157 kN |  |
| No.4, 10'6"-15'6" - two thirds (40in.) extension - (4.22m / 13'10") | 32,116 lbf  | 14,568 kgs | 143 kN |  |
| No.4, 10'6"-15'6" - full (60in.) extension - (4.72m / 15'6")        | 23,605 lbf  | 10,707 kgs | 105 kN |  |




Note: No safety factor has been applied to the loads above.

Nota: No existe un factor de seguridad se ha aplicado a las cargas anteriores.

| <b>ANSI / ASSE A10.8-2001</b>   | <b>CAN / CSA-269.2-M87</b>   |
|---|--|
| American National Standard, Scaffolding Safety Requirements, dated 2001 | Access Scaffolding for Construction Purposes (Reaffirmed 2003), Section 11.3.4 |

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