Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N704/N703	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.731 m η = 12.2	N.P.[6]	N.P.[2]	x: 1.731 m η = 3.6	x: 0 m η = 3.2	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.731 m η = 0.1	x: 0 m η = 0.1	x: 1.731 m η = 16.2	N.P.[7]	x: 0 m η = 15.4	**CUMPLE η = 16.2**
N704/N705	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 46.9	N.P.[2]	x: 0 m η = 1.8	x: 2.045 m η = 3.2	x: 2.045 m η = 0.1	x: 2.045 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 2.045 m η = 0.1	N.P.[5]	x: 2.045 m η = 51.6	x: 2.045 m η = 49.8	**CUMPLE η = 51.6**
N688/N705	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.695 m η = 12.5	N.P.[6]	N.P.[2]	x: 0 m η = 2.0	x: 0 m η = 4.3	x: 0 m η = 0.1	x: 1.695 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η = 0.2	N.P.[5]	N.P.[7]	x: 0 m η = 18.6	**CUMPLE η = 18.6**
N706/N707	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.3	N.P.[2]	x: 0.988 m η = 1.1	x: 0.741 m η = 1.0	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[3]	N.P.[4]	x: 0.988 m η < 0.1	x: 0.741 m η < 0.1	N.P.[5]	x: 0.741 m η = 2.0	x: 0.741 m η = 1.4	**CUMPLE η = 2.0**
N707/N708	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.988 m η < 0.1	x: 0 m η = 0.3	N.P.[2]	x: 0.988 m η = 1.4	x: 0.247 m η = 0.9	x: 0.988 m η < 0.1	x: 0.988 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.988 m η < 0.1	x: 0.247 m η < 0.1	N.P.[5]	x: 0.988 m η = 2.0	x: 0.988 m η = 1.9	**CUMPLE η = 2.0**
N709/N706	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.761 m η = 0.1	N.P.[6]	N.P.[2]	x: 0 m η = 1.4	x: 0.38 m η = 1.0	x: 0.761 m η < 0.1	x: 0 m η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0.38 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.38 m η = 1.7	**CUMPLE η = 1.7**
N708/N710	x: 1.006 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.208 m η = 0.2	N.P.[6]	N.P.[2]	x: 1.208 m η = 2.2	x: 1.208 m η = 1.0	x: 1.208 m η = 0.1	x: 1.208 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.208 m η < 0.1	x: 1.208 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.208 m η = 3.2	**CUMPLE η = 3.2**
N710/N711	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.208 m η = 1.0	N.P.[6]	N.P.[2]	x: 0 m η = 2.2	x: 0 m η = 1.6	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 4.5	**CUMPLE η = 4.5**
N711/N712	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 5.0	N.P.[2]	x: 1.432 m η = 2.5	x: 1.253 m η = 2.8	x: 0 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.432 m η = 0.1	x: 1.253 m η = 0.1	N.P.[5]	x: 1.432 m η = 10.3	x: 0 m η = 9.2	**CUMPLE η = 10.3**
N712/N697	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 21.6	N.P.[2]	x: 1.407 m η = 4.5	x: 0.176 m η = 2.9	x: 1.407 m η = 0.1	x: 1.407 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.407 m η = 0.2	x: 0.176 m η = 0.1	N.P.[5]	x: 0 m η = 29.5	x: 1.407 m η = 27.9	**CUMPLE η = 29.5**
N702/N713	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.593 m η = 12.2	N.P.[6]	N.P.[2]	x: 1.593 m η = 1.5	x: 0 m η = 3.8	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.593 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 16.3	**CUMPLE η = 16.3**
N697/N714	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.023 m η = 4.2	N.P.[6]	N.P.[2]	x: 0 m η = 4.5	x: 0.023 m η = 1.2	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.2	x: 0.023 m η < 0.1	x: 0.023 m η = 9.8	N.P.[7]	x: 0 m η = 7.8	**CUMPLE η = 9.8**
N714/N713	x: 2.091 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 2.661 m η = 4.3	N.P.[6]	N.P.[2]	x: 0 m η = 4.4	x: 2.661 m η = 3.3	x: 2.661 m η = 0.1	x: 2.661 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.2	x: 2.661 m η = 0.1	x: 2.661 m η = 11.0	N.P.[7]	x: 2.661 m η = 10.6	**CUMPLE η = 11.0**
N709/N707	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.647 m η = 0.1	N.P.[6]	η = 0.2	x: 0 m η = 0.5	x: 0.647 m η = 1.0	x: 0 m η = 0.1	x: 0 m η < 0.1	x: 0 m η = 0.6	x: 0.647 m η = 1.2	x: 0 m η < 0.1	x: 0.647 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.647 m η = 1.2	**CUMPLE η = 1.2**
N707/N710	x: 0.391 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.782 m η = 0.1	N.P.[6]	η = 0.2	x: 0.782 m η = 2.2	x: 0.782 m η = 2.2	x: 0.782 m η = 0.1	x: 0.782 m η = 0.1	x: 0.782 m η = 2.4	x: 0.782 m η = 2.4	x: 0.782 m η = 0.1	x: 0.782 m η = 0.1	x: 0.782 m η = 4.8	N.P.[7]	x: 0.782 m η = 4.3	**CUMPLE η = 4.8**
N710/N712	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.782 m η = 0.2	N.P.[6]	N.P.[2]	x: 0.782 m η = 4.6	x: 0.782 m η = 15.0	x: 0 m η = 0.6	x: 0 m η = 0.5	N.P.[3]	N.P.[4]	x: 0.782 m η = 0.2	x: 0.782 m η = 2.3	x: 0.782 m η = 19.5	N.P.[7]	x: 0.782 m η = 19.1	**CUMPLE η = 19.5**
N712/N696	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.6	η = 0.8	x: 0.284 m η = 11.4	x: 0.284 m η = 21.0	x: 0.284 m η = 3.3	x: 0.284 m η = 3.4	x: 0.284 m η = 11.9	x: 0.284 m η = 21.4	x: 0.284 m η = 1.5	x: 0.284 m η = 4.7	N.P.[5]	x: 0.284 m η = 33.9	x: 0.284 m η = 31.8	**CUMPLE η = 33.9**
N696/N713	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.822 m η = 3.0	N.P.[6]	N.P.[2]	x: 0 m η = 5.3	x: 0 m η = 6.2	x: 0 m η = 0.2	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.3	x: 0 m η = 0.4	x: 0 m η = 14.4	N.P.[7]	x: 0 m η = 13.9	**CUMPLE η = 14.4**
N706/N708	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.746 m η = 0.1	N.P.[6]	η = 0.3	x: 0.746 m η = 1.2	x: 0.746 m η = 0.3	η < 0.1	η < 0.1	x: 0.746 m η = 1.4	x: 0.746 m η = 0.5	x: 0.746 m η < 0.1	x: 0.746 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.746 m η = 1.5	**CUMPLE η = 1.5**
N708/N711	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.746 m η = 0.2	N.P.[6]	η = 0.6	x: 0 m η = 1.6	x: 0.746 m η = 3.0	η = 0.1	η < 0.1	x: 0 m η = 1.9	x: 0.746 m η = 3.3	x: 0 m η < 0.1	x: 0.746 m η = 0.1	N.P.[5]	N.P.[7]	x: 0.746 m η = 4.0	**CUMPLE η = 4.0**
N711/N697	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.631 m η = 0.4	N.P.[6]	η = 0.6	x: 0.631 m η = 3.5	x: 0 m η = 2.1	η = 0.1	η = 0.1	x: 0.631 m η = 3.8	x: 0 m η = 2.5	x: 0.631 m η = 0.1	x: 0 m η = 0.1	x: 0.631 m η = 6.0	N.P.[7]	x: 0.631 m η = 4.1	**CUMPLE η = 6.0**
N697/N911	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 2.5	η = 0.7	x: 1.364 m η = 6.5	x: 1.364 m η = 14.5	η = 0.3	η = 0.2	x: 1.364 m η = 6.9	x: 1.364 m η = 14.9	x: 1.364 m η = 0.5	x: 1.364 m η = 2.2	N.P.[5]	x: 1.364 m η = 24.2	x: 1.364 m η = 17.6	**CUMPLE η = 24.2**
N715/N709	x: 0.232 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.464 m η < 0.1	N.P.[6]	N.P.[2]	x: 0.464 m η = 0.1	x: 0.464 m η = 0.1	x: 0.464 m η < 0.1	x: 0.464 m η < 0.1	N.P.[3]	N.P.[4]	x: 0.232 m η < 0.1	x: 0.464 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.464 m η = 0.2	**CUMPLE η = 0.2**
N716/N706	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.685 m η < 0.1	N.P.[6]	η = 0.2	x: 0.685 m η = 0.3	x: 0.685 m η = 0.5	x: 0.685 m η < 0.1	x: 0 m η < 0.1	x: 0.685 m η = 0.4	x: 0.685 m η = 0.7	x: 0.685 m η < 0.1	x: 0.685 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.685 m η = 0.8	**CUMPLE η = 0.8**
N716/N709	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.856 m η < 0.1	x: 0 m η < 0.1	N.P.[2]	x: 0.856 m η = 2.4	x: 0.642 m η = 0.9	x: 0 m η < 0.1	x: 0.856 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.856 m η = 0.1	x: 0.642 m η < 0.1	N.P.[5]	x: 0 m η = 0.6	x: 0.856 m η = 3.0	**CUMPLE η = 3.0**
N696/N702	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 32.0	N.P.[2]	x: 0 m η = 7.6	x: 0 m η = 8.3	x: 0 m η = 0.2	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.6	x: 0 m η = 0.7	N.P.[5]	x: 0 m η = 48.4	x: 0 m η = 46.9	**CUMPLE η = 48.4**
N702/N704	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 24.0	N.P.[2]	x: 0 m η = 6.2	x: 0.89 m η = 2.0	x: 1.78 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.4	x: 0.89 m η < 0.1	N.P.[5]	x: 0 m η = 30.4	x: 0 m η = 30.1	**CUMPLE η = 30.4**
N704/N688	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 10.0	N.P.[2]	x: 0 m η = 3.8	x: 1.78 m η = 1.4	x: 1.78 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 1.78 m η < 0.1	N.P.[5]	x: 0 m η = 14.8	x: 0 m η = 14.6	**CUMPLE η = 14.8**
N700/N717	x: 0.49 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.98 m η = 4.8	N.P.[6]	η = 0.4	x: 0.98 m η = 14.8	x: 0.98 m η = 27.8	x: 0 m η = 0.7	x: 0 m η = 1.1	x: 0.98 m η = 15.0	x: 0.98 m η = 28.0	x: 0.98 m η = 2.3	x: 0.98 m η = 7.9	x: 0.98 m η = 47.9	N.P.[7]	x: 0.98 m η = 45.5	**CUMPLE η = 47.9**
N717/N893	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.15 m η = 5.0	N.P.[6]	η = 0.7	x: 0 m η = 17.3	x: 0.15 m η = 24.5	x: 0 m η = 0.3	x: 0.15 m η = 2.0	x: 0 m η = 17.7	x: 0.15 m η = 25.0	x: 0 m η = 3.2	x: 0.15 m η = 6.2	x: 0 m η = 45.2	N.P.[7]	x: 0 m η = 42.1	**CUMPLE η = 45.2**
N893/N911	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.478 m η = 5.1	N.P.[6]	η = 6.6	x: 0.478 m η = 16.3	x: 0.478 m η = 40.2	x: 0.478 m η = 2.3	x: 0.478 m η = 2.5	x: 0.478 m η = 20.2	x: 0.478 m η = 44.2	x: 0.478 m η = 4.1	x: 0.478 m η = 19.6	x: 0.478 m η = 66.8	N.P.[7]	x: 0.478 m η = 49.4	**CUMPLE η = 66.8**
N911/N701	x: 0.67 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.005 m η = 5.0	N.P.[6]	η = 0.9	x: 0 m η = 8.6	x: 0 m η = 21.9	x: 0 m η = 0.7	x: 0 m η = 0.7	x: 0 m η = 9.1	x: 0 m η = 22.4	x: 0 m η = 0.8	x: 0 m η = 5.0	x: 0 m η = 35.2	N.P.[7]	x: 1.005 m η = 26.8	**CUMPLE η = 35.2**
N701/N713	x: 0.717 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.075 m η = 17.0	N.P.[6]	N.P.[2]	x: 0 m η = 16.6	x: 0 m η = 6.8	x: 0 m η = 0.2	x: 0 m η = 0.7	N.P.[3]	N.P.[4]	x: 0 m η = 2.7	x: 0 m η = 0.5	x: 0 m η = 39.9	N.P.[7]	x: 0 m η = 28.4	**CUMPLE η = 39.9**
N713/N703	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.505 m η = 15.4	N.P.[6]	N.P.[2]	x: 1.505 m η = 14.7	x: 1.505 m η = 7.2	x: 1.505 m η = 0.2	x: 0 m η = 0.9	N.P.[3]	N.P.[4]	x: 1.505 m η = 2.2	x: 1.505 m η = 0.5	x: 1.505 m η = 36.8	N.P.[7]	x: 0 m η = 29.7	**CUMPLE η = 36.8**
N703/N705	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.771 m η = 0.2	x: 0 m η = 0.5	η = 0.4	x: 0 m η = 7.5	x: 1.771 m η = 4.8	x: 1.771 m η = 0.1	x: 0 m η = 0.4	x: 0 m η = 7.7	x: 1.771 m η = 5.1	x: 0 m η = 0.6	x: 1.771 m η = 0.3	x: 1.771 m η = 11.4	x: 1.771 m η = 6.3	x: 1.771 m η = 10.0	**CUMPLE η = 11.4**
N705/N689	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 18.3	N.P.[2]	x: 0 m η = 7.9	x: 1.771 m η = 4.1	x: 1.771 m η = 0.1	x: 0 m η = 0.4	N.P.[3]	N.P.[4]	x: 0 m η = 0.6	x: 1.771 m η = 0.2	N.P.[5]	x: 0 m η = 29.7	x: 0 m η = 28.6	**CUMPLE η = 29.7**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_tTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N723/N724	$w / t \leq (w / t)_{Máx}$ Cumple	x: 2.082 m η = 0.6	x: 0 m η = 4.6	N.P.[2]	x: 2.082 m η = 9.7	x: 1.249 m η = 2.9	x: 2.082 m η < 0.1	x: 2.082 m η = 0.2	N.P.[3]	N.P.[4]	x: 2.082 m η = 0.9	x: 1.249 m η = 0.1	x: 2.082 m η = 12.7	x: 1.458 m η = 9.3	x: 2.082 m η = 11.0	**CUMPLE η = 12.7**
N725/N724	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.731 m η = 1.9	N.P.[6]	N.P.[2]	x: 0 m η = 1.2	x: 0 m η = 1.8	x: 0 m η = 0.1	x: 1.731 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 3.9	**CUMPLE η = 3.9**
N725/N726	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 6.6	N.P.[2]	x: 2.045 m η = 6.0	x: 0 m η = 0.7	x: 2.045 m η < 0.1	x: 2.045 m η = 0.2	N.P.[3]	N.P.[4]	x: 2.045 m η = 0.4	x: 0 m η < 0.1	N.P.[5]	x: 2.045 m η = 10.0	x: 2.045 m η = 9.9	**CUMPLE η = 10.0**
N727/N728	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.3	N.P.[2]	x: 0 m η = 0.6	x: 0.988 m η = 0.9	x: 0.988 m η < 0.1	x: 0.988 m η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0.988 m η < 0.1	N.P.[5]	x: 0.988 m η = 1.3	x: 0.988 m η = 1.3	**CUMPLE η = 1.3**
N728/N729	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.988 m η = 0.1	N.P.[6]	N.P.[2]	x: 0.988 m η = 1.9	x: 0.988 m η = 1.0	x: 0.988 m η < 0.1	x: 0.988 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.988 m η < 0.1	x: 0.988 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.988 m η = 2.8	**CUMPLE η = 2.8**
N730/N727	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.761 m η = 0.1	N.P.[6]	N.P.[2]	x: 0 m η = 0.7	x: 0.38 m η = 0.5	x: 0.761 m η < 0.1	x: 0 m η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0.38 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.38 m η = 0.8	**CUMPLE η = 0.8**
N729/N731	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.208 m η = 0.5	N.P.[6]	N.P.[2]	x: 1.208 m η = 1.5	x: 0 m η = 1.5	x: 1.208 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.208 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.208 m η = 3.0	**CUMPLE η = 3.0**
N731/N732	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.208 m η = 0.2	x: 0 m η = 0.3	N.P.[2]	x: 1.208 m η = 2.7	x: 1.208 m η = 6.1	x: 0 m η = 0.1	x: 1.208 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.208 m η = 0.1	x: 1.208 m η = 0.4	N.P.[5]	x: 1.208 m η = 9.1	x: 1.208 m η = 8.2	**CUMPLE η = 9.1**
N732/N733	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 10.7	N.P.[2]	x: 1.432 m η = 11.1	x: 1.432 m η = 7.6	x: 1.432 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.432 m η = 1.2	x: 1.432 m η = 0.6	N.P.[5]	x: 1.432 m η = 29.3	x: 1.432 m η = 27.9	**CUMPLE η = 29.3**
N723/N734	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.593 m η = 1.3	x: 0 m η = 0.6	η = 0.5	x: 1.593 m η = 8.7	x: 1.593 m η = 8.3	x: 1.593 m η = 0.1	x: 0 m η = 0.3	x: 1.593 m η = 9.0	x: 1.593 m η = 8.6	x: 1.593 m η = 0.8	x: 1.593 m η = 0.7	x: 1.593 m η = 11.2	x: 1.593 m η = 18.0	x: 1.593 m η = 16.5	**CUMPLE η = 18.0**
N718/N734	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 2.685 m η = 13.9	N.P.[6]	η = 1.2	x: 0 m η = 17.3	x: 0 m η = 27.2	x: 0 m η = 0.4	x: 2.685 m η = 0.6	x: 0 m η = 18.1	x: 0 m η = 27.9	x: 0 m η = 3.3	x: 0 m η = 7.8	x: 0 m η = 59.8	N.P.[7]	x: 0 m η = 56.6	**CUMPLE η = 59.8**
N733/N718	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 5.0	N.P.[2]	x: 1.407 m η = 55.1	x: 1.231 m η = 7.0	x: 0 m η = 0.1	x: 1.407 m η = 1.5	N.P.[3]	N.P.[4]	x: 1.407 m η = 30.4	x: 1.231 m η = 0.5	N.P.[5]	x: 1.407 m η = 66.9	x: 1.407 m η = 55.2	**CUMPLE η = 66.9**
N727/N729	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.746 m η = 0.1	N.P.[6]	η = 0.2	x: 0.746 m η = 0.7	x: 0.746 m η = 1.9	η = 0.1	η < 0.1	x: 0.746 m η = 0.8	x: 0.746 m η = 2.1	x: 0.746 m η < 0.1	x: 0.746 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.746 m η = 2.6	**CUMPLE η = 2.6**
N729/N732	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.746 m η = 0.2	N.P.[6]	η = 0.9	x: 0.746 m η = 4.0	x: 0.746 m η = 9.8	η = 0.3	η = 0.3	x: 0.746 m η = 4.5	x: 0.746 m η = 10.4	x: 0.746 m η = 0.2	x: 0.746 m η = 1.1	x: 0.746 m η = 14.8	N.P.[7]	x: 0.746 m η = 13.1	**CUMPLE η = 14.8**
N730/N728	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.647 m η = 0.1	N.P.[6]	η = 0.2	x: 0 m η = 0.2	x: 0.647 m η = 0.3	x: 0 m η < 0.1	x: 0 m η < 0.1	x: 0 m η = 0.4	x: 0.647 m η = 0.4	x: 0 m η < 0.1	x: 0.647 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 0.5	**CUMPLE η = 0.5**
N728/N731	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.782 m η = 0.1	N.P.[6]	η = 0.2	x: 0.782 m η = 0.6	x: 0.782 m η = 0.1	x: 0.782 m η < 0.1	x: 0.782 m η < 0.1	x: 0.782 m η = 0.4	x: 0.782 m η = 0.3	x: 0.782 m η < 0.1	x: 0.782 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.782 m η = 0.7	**CUMPLE η = 0.7**
N731/N733	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.782 m η = 0.2	N.P.[6]	η = 1.8	x: 0.782 m η = 1.2	x: 0.782 m η = 3.6	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 0.782 m η = 2.3	x: 0.782 m η = 4.7	x: 0.782 m η = 0.1	x: 0.782 m η = 0.2	x: 0.782 m η = 6.9	N.P.[7]	x: 0.782 m η = 4.5	**CUMPLE η = 6.9**
N733/N735	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.6	η = 0.2	x: 0.284 m η = 6.9	x: 0.284 m η = 12.6	x: 0.284 m η = 1.7	x: 0.284 m η = 2.1	x: 0.284 m η = 7.0	x: 0.284 m η = 12.7	x: 0.284 m η = 0.5	x: 0.284 m η = 1.6	N.P.[5]	x: 0.284 m η = 20.3	x: 0.284 m η = 19.5	**CUMPLE η = 20.3**
N735/N734	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.822 m η = 4.8	N.P.[6]	N.P.[2]	x: 1.822 m η = 20.9	x: 1.822 m η = 15.4	x: 0 m η = 0.3	x: 1.822 m η = 0.5	N.P.[3]	N.P.[4]	x: 1.822 m η = 4.4	x: 1.822 m η = 2.4	x: 1.822 m η = 40.2	N.P.[7]	x: 1.822 m η = 29.6	**CUMPLE η = 40.2**
N736/N730	x: 0.234 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.468 m η < 0.1	N.P.[6]	N.P.[2]	x: 0.468 m η = 0.1	x: 0.468 m η = 0.1	x: 0.468 m η < 0.1	x: 0.468 m η < 0.1	N.P.[3]	N.P.[4]	x: 0.234 m η < 0.1	x: 0.468 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.468 m η = 0.2	**CUMPLE η = 0.2**
N737/N727	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.685 m η < 0.1	N.P.[6]	η = 0.2	x: 0.685 m η = 0.2	x: 0.685 m η = 0.5	η < 0.1	η < 0.1	x: 0.685 m η = 0.3	x: 0.685 m η = 0.6	x: 0.685 m η < 0.1	x: 0.685 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.685 m η = 0.6	**CUMPLE η = 0.6**
N737/N730	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 0.836 m η < 0.1	N.P.[6]	N.P.[2]	x: 0.836 m η = 1.0	x: 0 m η = 0.5	x: 0 m η < 0.1	x: 0.836 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.836 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.836 m η = 1.2	**CUMPLE η = 1.2**
N735/N738	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.605 m η = 2.2	N.P.[6]	η = 0.4	x: 1.605 m η = 4.5	x: 1.605 m η = 7.5	x: 1.605 m η = 0.2	x: 0 m η = 0.2	x: 1.605 m η = 4.7	x: 1.605 m η = 7.8	x: 1.605 m η = 0.2	x: 1.605 m η = 0.6	x: 1.605 m η = 13.6	N.P.[7]	x: 1.605 m η = 12.8	**CUMPLE η = 13.6**
N732/N718	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.63 m η = 0.4	N.P.[6]	η = 7.3	x: 0.63 m η = 17.6	x: 0.63 m η = 45.1	η = 1.5	η = 1.5	x: 0.63 m η = 22.0	x: 0.63 m η = 49.5	x: 0.63 m η = 4.8	x: 0.63 m η = 24.5	x: 0.63 m η = 71.8	N.P.[7]	x: 0.63 m η = 60.2	**CUMPLE η = 71.8**
N718/N900	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.321 m η = 2.4	N.P.[6]	η = 4.5	x: 0 m η = 39.5	x: 0 m η = 15.3	η = 0.4	η = 1.7	x: 0 m η = 42.2	x: 0 m η = 18.0	x: 0 m η = 17.8	x: 0 m η = 3.2	x: 0 m η = 61.5	N.P.[7]	x: 0 m η = 47.4	**CUMPLE η = 61.5**
N735/N723	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 17.9	η = 0.7	x: 1.154 m η = 6.8	x: 0 m η = 5.1	x: 0 m η = 0.2	x: 1.154 m η = 0.4	x: 1.154 m η = 7.1	x: 0 m η = 5.5	x: 1.154 m η = 0.5	x: 0 m η = 0.3	N.P.[5]	x: 1.154 m η = 27.9	x: 0 m η = 24.7	**CUMPLE η = 27.9**
N723/N725	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 20.6	N.P.[2]	x: 0 m η = 4.9	x: 0.89 m η = 2.0	x: 1.78 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.2	x: 0.89 m η < 0.1	N.P.[5]	x: 0.445 m η = 26.7	x: 0 m η = 25.0	**CUMPLE η = 26.7**
N725/N739	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 19.4	N.P.[2]	x: 0 m η = 5.0	x: 1.78 m η = 1.5	x: 1.78 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.3	x: 1.78 m η < 0.1	N.P.[5]	x: 0 m η = 25.3	x: 0 m η = 23.9	**CUMPLE η = 25.3**
N734/N724	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.505 m η = 12.5	N.P.[6]	N.P.[2]	x: 0 m η = 21.2	x: 1.505 m η = 11.6	x: 1.505 m η = 0.3	x: 0 m η = 1.2	N.P.[3]	N.P.[4]	x: 0 m η = 4.5	x: 1.505 m η = 1.4	x: 1.505 m η = 42.6	N.P.[7]	x: 0 m η = 38.8	**CUMPLE η = 42.6**
N740/N900	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.05 m η = 8.7	N.P.[6]	η = 33.0	x: 0 m η = 23.1	x: 0.05 m η = 32.1	x: 0.05 m η = 7.9	x: 0 m η = 1.4	x: 0 m η = 42.9	x: 0.05 m η = 51.9	x: 0 m η = 18.4	x: 0.05 m η = 27.5	x: 0.05 m η = 98.7	N.P.[7]	x: 0.05 m η = 46.1	**CUMPLE η = 98.7**
N900/N832	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.1 m η = 14.1	N.P.[6]	η = 15.1	x: 0 m η = 12.7	x: 0.1 m η = 11.8	x: 0.1 m η = 2.5	x: 0 m η = 5.2	x: 0 m η = 21.7	x: 0.1 m η = 20.8	x: 0 m η = 5.0	x: 0.1 m η = 4.4	x: 0 m η = 47.1	N.P.[7]	x: 0 m η = 28.5	**CUMPLE η = 47.1**
N832/N738	$w / t \leq (w / t)_{Máx}$ Cumple	x: 0.914 m η = 12.1	N.P.[6]	η = 1.1	x: 0.914 m η = 11.2	x: 0 m η = 12.1	x: 0.914 m η = 0.5	x: 0 m η = 1.1	x: 0.914 m η = 11.8	x: 0 m η = 12.7	x: 0.914 m η = 1.4	x: 0 m η = 1.6	x: 0 m η = 36.1	N.P.[7]	x: 0 m η = 33.6	**CUMPLE η = 36.1**
N738/N734	x: 0.537 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.074 m η = 8.3	N.P.[6]	η = 1.0	x: 0 m η = 15.9	x: 0 m η = 2.5	x: 0 m η = 0.1	x: 0 m η = 1.2	x: 0 m η = 16.5	x: 1.074 m η = 3.0	x: 0 m η = 2.7	x: 1.074 m η = 0.1	x: 0 m η = 26.8	N.P.[7]	x: 0 m η = 25.2	**CUMPLE η = 26.8**
N739/N726	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.695 m η = 2.0	N.P.[6]	N.P.[2]	x: 0 m η = 2.4	x: 0 m η = 3.6	x: 0 m η = 0.1	x: 1.695 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 0 m η = 8.0	N.P.[7]	x: 0 m η = 7.8	**CUMPLE η = 8.0**
N739/N741	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 11.6	N.P.[2]	x: 2.008 m η = 4.7	x: 0 m η = 1.3	x: 0 m η < 0.1	x: 2.008 m η = 0.2	N.P.[3]	N.P.[4]	x: 2.008 m η = 0.2	x: 0 m η < 0.1	N.P.[5]	x: 2.008 m η = 16.8	x: 2.008 m η = 16.7	**CUMPLE η = 16.8**
N742/N741	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.783 m η = 4.1	N.P.[6]	N.P.[2]	x: 0 m η = 1.8	x: 0 m η = 2.6	x: 0 m η = 0.1	x: 1.783 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 8.2	**CUMPLE η = 8.2**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N742/N743	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 12.5	N.P.[2]	x: 0 m η = 3.1	x: 2.099 m η = 1.8	x: 2.099 m η < 0.1	x: 2.099 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 2.099 m η < 0.1	N.P.[5]	x: 2.099 m η = 17.0	x: 2.099 m η = 16.7	**CUMPLE** **η = 17.0**
N744/N743	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.788 m η = 3.9	N.P.[6]	N.P.[2]	x: 1.788 m η = 3.3	x: 1.788 m η = 3.0	x: 0 m η = 0.1	x: 1.788 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.788 m η = 0.1	x: 1.788 m η = 0.1	x: 1.788 m η = 10.2	N.P.[7]	x: 1.788 m η = 6.9	**CUMPLE** **η = 10.2**
N744/N745	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 11.8	N.P.[2]	x: 2.105 m η = 2.9	x: 2.105 m η = 1.2	x: 2.105 m η < 0.1	x: 2.105 m η = 0.1	N.P.[3]	N.P.[4]	x: 2.105 m η = 0.1	x: 2.105 m η < 0.1	N.P.[5]	x: 2.105 m η = 15.6	x: 2.105 m η = 15.4	**CUMPLE** **η = 15.6**
N746/N745	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.689 m η = 3.1	N.P.[6]	N.P.[2]	x: 1.689 m η = 8.6	x: 1.689 m η = 4.7	x: 0 m η = 0.1	x: 1.689 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.689 m η = 0.7	x: 1.689 m η = 0.2	x: 1.689 m η = 16.5	N.P.[7]	x: 1.689 m η = 9.5	**CUMPLE** **η = 16.5**
N746/N747	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 10.8	η = 0.4	x: 2.002 m η = 5.9	x: 0 m η = 2.0	x: 2.002 m η = 0.1	x: 2.002 m η = 0.1	x: 2.002 m η = 6.2	x: 0 m η = 2.3	x: 2.002 m η = 0.4	x: 0 m η = 0.1	N.P.[5]	x: 2.002 m η = 18.7	x: 2.002 m η = 17.9	**CUMPLE** **η = 18.7**
N739/N742	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 16.0	N.P.[2]	x: 0 m η = 3.8	x: 1.754 m η = 1.4	x: 1.754 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 1.754 m η < 0.1	N.P.[5]	x: 0 m η = 20.0	x: 0 m η = 19.8	**CUMPLE** **η = 20.0**
N742/N744	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 12.3	N.P.[2]	x: 1.77 m η = 2.3	x: 1.77 m η = 2.2	x: 1.77 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.77 m η = 0.1	x: 1.77 m η < 0.1	N.P.[5]	x: 1.77 m η = 16.7	x: 1.77 m η = 16.4	**CUMPLE** **η = 16.7**
N744/N746	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.798 m η = 0.3	x: 0 m η = 9.4	η = 0.4	x: 1.798 m η = 4.2	x: 0 m η = 2.5	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 1.798 m η = 4.4	x: 0 m η = 2.7	x: 1.798 m η = 0.2	x: 0 m η = 0.1	N.P.[5]	x: 1.798 m η = 16.3	x: 1.798 m η = 15.3	**CUMPLE** **η = 16.3**
N746/N748	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.771 m η = 1.4	x: 0 m η = 6.0	η = 1.5	x: 1.329 m η = 6.1	x: 0 m η = 5.8	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 1.329 m η = 7.0	x: 0 m η = 6.7	x: 1.329 m η = 0.5	x: 0 m η = 0.4	N.P.[5]	x: 0 m η = 18.2	x: 0 m η = 15.8	**CUMPLE** **η = 18.2**
N724/N726	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.771 m η = 7.1	N.P.[6]	η = 0.3	x: 0 m η = 17.5	x: 1.771 m η = 13.0	x: 1.771 m η = 0.3	x: 0 m η = 0.9	x: 0 m η = 17.6	x: 1.771 m η = 13.2	x: 0 m η = 3.1	x: 1.771 m η = 1.7	x: 1.771 m η = 35.1	N.P.[7]	x: 0 m η = 32.1	**CUMPLE** **η = 35.1**
N726/N741	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.771 m η = 1.7	x: 0 m η = 2.2	N.P.[2]	x: 0 m η = 13.4	x: 1.771 m η = 10.9	x: 1.771 m η = 0.3	x: 0 m η = 0.7	N.P.[3]	N.P.[4]	x: 0 m η = 1.8	x: 1.771 m η = 1.2	x: 1.771 m η = 24.9	x: 1.771 m η = 13.0	x: 0 m η = 21.7	**CUMPLE** **η = 24.9**
N741/N743	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 6.1	N.P.[2]	x: 0 m η = 10.6	x: 1.771 m η = 9.1	x: 1.771 m η = 0.2	x: 0 m η = 0.6	N.P.[3]	N.P.[4]	x: 0 m η = 1.1	x: 1.771 m η = 0.8	N.P.[5]	x: 1.771 m η = 25.0	x: 0 m η = 21.3	**CUMPLE** **η = 25.0**
N743/N745	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 12.2	N.P.[2]	x: 1.771 m η = 8.5	x: 1.771 m η = 7.8	x: 1.771 m η = 0.2	x: 0 m η = 0.5	N.P.[3]	N.P.[4]	x: 1.771 m η = 0.7	x: 1.771 m η = 0.6	N.P.[5]	x: 1.771 m η = 28.4	x: 0 m η = 24.6	**CUMPLE** **η = 28.4**
N749/N750	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.628 m η = 2.9	N.P.[6]	η = 1.9	x: 1.628 m η = 87.4	x: 0 m η = 56.1	η = 0.7	η = 2.4	x: 1.628 m η = 88.5	x: 0 m η = 57.2	x: 1.628 m η = 78.5	x: 0 m η = 32.7	x: 1.628 m η = 98.0	N.P.[7]	x: 1.628 m η = 89.0	**CUMPLE** **η = 98.0**
N752/N751	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 4.8	η = 0.7	x: 1.689 m η = 25.6	x: 1.689 m η = 13.2	x: 1.689 m η = 0.2	x: 0 m η = 0.5	x: 1.689 m η = 26.0	x: 1.689 m η = 13.6	x: 1.689 m η = 6.8	x: 1.689 m η = 1.9	N.P.[5]	x: 1.689 m η = 44.3	x: 1.689 m η = 40.9	**CUMPLE** **η = 44.3**
N752/N753	$w / t \leq (w / t)_{Máx}$ Cumple	x: 2.002 m η = 2.6	N.P.[6]	η = 1.2	x: 2.002 m η = 25.3	x: 2.002 m η = 25.9	x: 0 m η = 0.5	x: 0 m η = 0.6	x: 2.002 m η = 26.0	x: 2.002 m η = 26.6	x: 2.002 m η = 6.8	x: 2.002 m η = 7.1	x: 2.002 m η = 53.6	N.P.[7]	x: 2.002 m η = 45.9	**CUMPLE** **η = 53.6**
N754/N753	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.3	η = 1.2	x: 1.689 m η = 32.4	x: 0 m η = 4.6	x: 1.689 m η = 0.1	x: 0 m η = 0.8	x: 1.689 m η = 33.1	x: 0 m η = 5.3	x: 1.689 m η = 10.9	x: 0 m η = 0.3	N.P.[5]	x: 1.689 m η = 34.6	x: 1.689 m η = 33.0	**CUMPLE** **η = 34.6**
N754/N750	$w / t \leq (w / t)_{Máx}$ Cumple	x: 2.003 m η = 0.3	N.P.[6]	η = 2.3	x: 2.003 m η = 21.2	x: 2.003 m η = 41.1	x: 2.003 m η = 0.5	x: 0 m η = 0.5	x: 2.003 m η = 22.6	x: 2.003 m η = 42.5	x: 2.003 m η = 5.1	x: 2.003 m η = 18.1	x: 2.003 m η = 65.4	N.P.[7]	x: 2.003 m η = 60.5	**CUMPLE** **η = 65.4**
N748/N747	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.689 m η = 4.3	N.P.[6]	η = 0.8	x: 1.689 m η = 15.6	x: 1.689 m η = 10.3	x: 0 m η = 0.1	x: 1.689 m η = 0.2	x: 1.689 m η = 16.1	x: 1.689 m η = 10.8	x: 1.689 m η = 2.6	x: 1.689 m η = 1.2	x: 1.689 m η = 30.5	N.P.[7]	x: 1.689 m η = 20.0	**CUMPLE** **η = 30.5**
N748/N755	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 15.4	η = 0.9	x: 0 m η = 11.3	x: 2.002 m η = 5.9	x: 0 m η = 0.1	x: 0 m η = 0.3	x: 0 m η = 11.9	x: 2.002 m η = 6.5	x: 0 m η = 1.4	x: 2.002 m η = 0.4	N.P.[5]	x: 0 m η = 29.6	x: 0 m η = 25.7	**CUMPLE** **η = 29.6**
N756/N755	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.689 m η = 7.5	N.P.[6]	η = 1.8	x: 1.689 m η = 39.1	x: 1.689 m η = 14.3	x: 0 m η = 0.1	x: 1.689 m η = 0.6	x: 1.689 m η = 40.2	x: 1.689 m η = 15.4	x: 1.689 m η = 16.2	x: 1.689 m η = 2.4	x: 1.689 m η = 62.1	N.P.[7]	x: 1.689 m η = 43.0	**CUMPLE** **η = 62.1**
N758/N757	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.689 m η = 0.1	x: 0 m η < 0.1	η = 3.0	x: 1.689 m η = 76.2	x: 1.689 m η = 17.8	x: 0 m η = 0.3	x: 1.689 m η = 1.9	x: 1.689 m η = 78.0	x: 1.689 m η = 19.7	x: 1.689 m η = 60.9	x: 1.689 m η = 3.9	x: 1.689 m η = 97.5	x: 0 m η = 1.5	x: 1.689 m η = 90.2	**CUMPLE** **η = 97.5**
N759/N752	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.771 m η = 8.7	N.P.[6]	η = 1.6	x: 0 m η = 5.1	x: 1.771 m η = 7.5	x: 0 m η = 0.2	x: 1.771 m η = 0.2	x: 0 m η = 6.1	x: 1.771 m η = 8.5	x: 0 m η = 0.4	x: 1.771 m η = 0.7	x: 0 m η = 23.1	N.P.[7]	x: 0 m η = 20.5	**CUMPLE** **η = 23.1**
N752/N749	x: 0.57 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 2.66 m η = 6.7	N.P.[6]	η = 3.8	x: 2.66 m η = 43.0	x: 0 m η = 19.7	x: 2.66 m η = 0.2	x: 2.66 m η = 0.9	x: 2.66 m η = 45.3	x: 0 m η = 21.9	x: 2.66 m η = 20.5	x: 0 m η = 4.8	x: 2.66 m η = 59.4	N.P.[7]	x: 2.66 m η = 45.6	**CUMPLE** **η = 59.4**
N748/N756	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.771 m η = 2.3	x: 0 m η = 1.2	η = 2.9	x: 0 m η = 12.4	x: 0 m η = 8.1	x: 0 m η = 0.1	x: 1.771 m η = 0.4	x: 0 m η = 14.1	x: 0 m η = 9.8	x: 0 m η = 2.0	x: 0 m η = 1.0	x: 0 m η = 12.1	x: 0 m η = 25.1	x: 0 m η = 20.1	**CUMPLE** **η = 25.1**
N756/N749	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 2.66 m η = 5.8	N.P.[6]	η = 2.3	x: 2.66 m η = 28.8	x: 0 m η = 41.8	x: 0 m η = 0.7	x: 2.66 m η = 0.5	x: 2.66 m η = 30.2	x: 0 m η = 43.2	x: 2.66 m η = 9.1	x: 0 m η = 18.6	x: 2.66 m η = 75.6	N.P.[7]	x: 2.66 m η = 60.2	**CUMPLE** **η = 75.6**
N745/N747	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 17.7	η = 0.5	x: 0 m η = 5.1	x: 1.771 m η = 7.7	x: 1.771 m η = 0.2	x: 0 m η = 0.3	x: 0 m η = 5.4	x: 1.771 m η = 7.9	x: 0 m η = 0.3	x: 1.771 m η = 0.6	N.P.[5]	x: 1.771 m η = 30.1	x: 0 m η = 27.1	**CUMPLE** **η = 30.1**
N747/N755	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 25.2	η = 1.7	x: 1.771 m η = 15.7	x: 1.771 m η = 3.7	x: 1.771 m η = 0.1	x: 0 m η = 0.6	x: 1.771 m η = 16.7	x: 1.771 m η = 4.7	x: 1.771 m η = 2.8	x: 1.771 m η = 0.2	N.P.[5]	x: 1.771 m η = 47.3	x: 1.771 m η = 38.1	**CUMPLE** **η = 47.3**
N760/N761	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 17.5	N.P.[2]	x: 1.004 m η = 2.7	x: 2.008 m η = 3.8	x: 2.008 m η = 0.1	x: 0 m η < 0.1	N.P.[3]	N.P.[4]	x: 1.004 m η = 0.1	x: 2.008 m η = 0.1	N.P.[5]	x: 2.008 m η = 24.2	x: 2.008 m η = 23.3	**CUMPLE** **η = 24.2**
N762/N761	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.783 m η = 4.4	N.P.[6]	N.P.[2]	x: 1.783 m η = 5.7	x: 1.783 m η = 1.7	x: 0 m η < 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.783 m η = 0.3	x: 1.783 m η < 0.1	x: 1.783 m η = 11.9	N.P.[7]	x: 1.783 m η = 11.5	**CUMPLE** **η = 11.9**
N762/N763	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 16.9	N.P.[2]	x: 2.099 m η = 3.4	x: 2.099 m η = 4.1	x: 2.099 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 2.099 m η = 0.1	x: 2.099 m η = 0.2	N.P.[5]	x: 2.099 m η = 24.8	x: 2.099 m η = 23.8	**CUMPLE** **η = 24.8**
N764/N763	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.788 m η = 3.6	N.P.[6]	N.P.[2]	x: 1.788 m η = 5.1	x: 1.788 m η = 1.6	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.788 m η = 0.3	x: 1.788 m η < 0.1	x: 1.788 m η = 10.3	N.P.[7]	x: 1.788 m η = 9.9	**CUMPLE** **η = 10.3**
N764/N765	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 16.1	N.P.[2]	x: 2.105 m η = 4.0	x: 2.105 m η = 3.5	x: 2.105 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 2.105 m η = 0.2	x: 2.105 m η = 0.1	N.P.[5]	x: 2.105 m η = 23.8	x: 2.105 m η = 22.8	**CUMPLE** **η = 23.8**
N766/N765	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.689 m η = 2.4	N.P.[6]	η = 0.5	x: 1.689 m η = 7.7	x: 1.689 m η = 3.8	x: 1.689 m η = 0.1	x: 0 m η = 0.1	x: 1.689 m η = 8.0	x: 1.689 m η = 4.1	x: 1.689 m η = 0.6	x: 1.689 m η = 0.2	x: 1.689 m η = 14.4	N.P.[7]	x: 1.689 m η = 13.1	**CUMPLE** **η = 14.4**
N766/N767	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 6.0	N.P.[2]	x: 2.002 m η = 6.5	x: 2.002 m η = 2.6	x: 2.002 m η < 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 2.002 m η = 0.4	x: 2.002 m η = 0.1	N.P.[5]	x: 2.002 m η = 14.9	x: 2.002 m η = 14.4	**CUMPLE** **η = 14.9**
N759/N767	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.689 m η = 0.3	x: 0 m η < 0.1	η = 0.6	x: 1.689 m η = 9.9	x: 1.689 m η = 8.3	x: 1.689 m η = 0.1	x: 0 m η = 0.1	x: 1.689 m η = 10.3	x: 1.689 m η = 8.6	x: 1.689 m η = 1.1	x: 1.689 m η = 0.7	x: 1.689 m η = 19.0	x: 0.211 m η = 9.9	x: 1.689 m η = 17.2	**CUMPLE** **η = 19.0**
N759/N751	$w / t \leq (w / t)_{Máx}$ Cumple	x: 2.002 m η = 0.2	x: 0 m η = 0.4	η = 0.7	x: 0 m η = 7.8	x: 2.002 m η = 4.7	x: 2.002 m η = 0.1	x: 2.002 m η = 0.2	x: 0 m η = 8.2	x: 2.002 m η = 5.2	x: 0 m η = 0.7	x: 2.002 m η = 0.3	x: 0 m η = 11.4	x: 0 m η = 5.4	x: 0 m η = 10.0	**CUMPLE** **η = 11.4**
N760/N762	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.754 m η = 0.2	x: 0 m η = 0.4	η = 0.4	x: 0 m η = 2.4	x: 1.096 m η = 1.3	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 0 m η = 2.6	x: 1.096 m η = 1.5	x: 0 m η = 0.1	x: 1.096 m η < 0.1	x: 0 m η = 4.1	x: 0 m η = 2.7	x: 0 m η = 3.4	**CUMPLE** **η = 4.1**
N762/N764	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.77 m η = 3.8	N.P.[6]	η = 0.3	x: 1.106 m η = 0.9	x: 0 m η = 1.8	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 1.106 m η = 1.1	x: 0 m η = 2.0	x: 1.106 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.8	**CUMPLE** **η = 5.8**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N764/N766	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.798 m η = 7.1	N.P.[6]	η = 0.6	x: 0.899 m η = 1.8	x: 0 m η = 2.6	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 0.899 m η = 2.2	x: 0 m η = 2.9	x: 0.899 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 10.5	**CUMPLE η = 10.5**
N766/N759	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.771 m η = 8.7	N.P.[6]	η = 1.1	x: 0.443 m η = 3.3	x: 0 m η = 3.4	x: 0 m η = 0.1	x: 1.771 m η = 0.1	x: 0.443 m η = 3.9	x: 0 m η = 4.0	x: 0.443 m η = 0.2	x: 0 m η = 0.2	x: 0 m η = 16.6	N.P.[7]	x: 0 m η = 14.8	**CUMPLE η = 16.6**
N761/N763	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 22.2	η = 0.3	x: 1.771 m η = 7.4	x: 1.771 m η = 6.6	x: 1.771 m η = 0.2	x: 0 m η = 0.4	x: 1.771 m η = 7.6	x: 1.771 m η = 6.8	x: 1.771 m η = 0.6	x: 1.771 m η = 0.5	N.P.[5]	x: 1.771 m η = 37.3	x: 0 m η = 32.1	**CUMPLE η = 37.3**
N763/N765	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 29.1	η = 0.4	x: 1.771 m η = 7.6	x: 1.771 m η = 5.7	x: 1.771 m η = 0.2	x: 0 m η = 0.4	x: 1.771 m η = 7.8	x: 1.771 m η = 5.9	x: 1.771 m η = 0.6	x: 1.771 m η = 0.4	N.P.[5]	x: 1.771 m η = 43.7	x: 0 m η = 37.8	**CUMPLE η = 43.7**
N765/N767	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 35.8	η = 0.6	x: 1.771 m η = 10.5	x: 1.771 m η = 4.8	x: 1.771 m η = 0.1	x: 0 m η = 0.5	x: 1.771 m η = 10.9	x: 1.771 m η = 5.2	x: 1.771 m η = 1.2	x: 1.771 m η = 0.3	N.P.[5]	x: 1.771 m η = 52.9	x: 0 m η = 45.0	**CUMPLE η = 52.9**
N767/N751	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 41.4	η = 0.8	x: 1.771 m η = 10.2	x: 1.771 m η = 9.6	x: 1.771 m η = 0.2	x: 0 m η = 0.5	x: 1.771 m η = 10.7	x: 1.771 m η = 10.1	x: 1.771 m η = 1.1	x: 1.771 m η = 1.0	N.P.[5]	x: 1.771 m η = 64.2	x: 0 m η = 53.8	**CUMPLE η = 64.2**
N768/N769	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	η = 19.5	η = 0.6	x: 0 m η = 5.6	x: 0 m η = 7.3	x: 1.5 m η = 0.2	x: 1.5 m η = 0.1	x: 0 m η = 5.9	x: 0 m η = 7.6	x: 0 m η = 0.3	x: 0 m η = 0.6	N.P.[5]	x: 0 m η = 33.5	x: 0 m η = 26.7	**CUMPLE η = 33.5**
N769/N770	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	η = 17.9	η = 1.0	x: 0 m η = 8.7	x: 0.794 m η = 10.5	x: 0 m η = 0.5	x: 0 m η = 0.4	x: 0 m η = 9.3	x: 0.794 m η = 11.1	x: 0 m η = 0.9	x: 0.794 m η = 1.2	N.P.[5]	x: 0 m η = 37.3	x: 0 m η = 34.9	**CUMPLE η = 37.3**
N770/N771	w / t ≤ (w / t)$_{Máx}$ Cumple	η < 0.1	N.P.[6]	η = 0.5	x: 0 m η = 0.8	x: 0 m η = 2.7	x: 0.794 m η = 0.1	x: 0 m η = 0.1	x: 0 m η = 1.0	x: 0 m η = 3.0	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 3.4	**CUMPLE η = 3.4**
N771/N772	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.11 m η = 0.1	N.P.[6]	η = 0.6	x: 1.11 m η = 1.4	x: 1.11 m η = 4.0	η = 0.1	η = 0.1	x: 1.11 m η = 1.7	x: 1.11 m η = 4.3	x: 1.11 m η < 0.1	x: 1.11 m η = 0.2	N.P.[5]	N.P.[7]	x: 1.11 m η = 4.7	**CUMPLE η = 4.7**
N768/N773	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.605 m η = 3.7	N.P.[6]	η = 0.6	x: 1.605 m η = 10.1	x: 1.605 m η = 12.6	x: 1.605 m η = 0.2	x: 1.605 m η = 0.1	x: 1.605 m η = 10.5	x: 1.605 m η = 13.0	x: 1.605 m η = 1.1	x: 1.605 m η = 1.7	x: 1.605 m η = 27.2	N.P.[7]	x: 1.605 m η = 25.4	**CUMPLE η = 27.2**
N770/N773	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 2.347 m η = 15.6	N.P.[6]	N.P.[2]	x: 0.978 m η = 2.6	x: 0 m η = 4.2	x: 0 m η = 0.1	x: 2.347 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.978 m η = 0.1	x: 0 m η = 0.2	x: 0.587 m η = 8.9	N.P.[7]	x: 0 m η = 21.5	**CUMPLE η = 21.5**
N770/N772	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 22.0	N.P.[2]	x: 1.365 m η = 6.8	x: 0 m η = 1.9	x: 0 m η < 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.365 m η = 0.5	x: 0 m η < 0.1	N.P.[5]	x: 1.365 m η = 30.2	x: 1.365 m η = 29.6	**CUMPLE η = 30.2**
N776/N775	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.731 m η = 3.8	N.P.[6]	η = 0.9	x: 1.731 m η = 8.8	x: 1.731 m η = 14.4	x: 0 m η = 0.3	x: 1.731 m η = 0.4	x: 1.731 m η = 9.3	x: 1.731 m η = 15.0	x: 1.731 m η = 0.9	x: 1.731 m η = 2.2	x: 1.731 m η = 27.1	N.P.[7]	x: 1.731 m η = 18.5	**CUMPLE η = 27.1**
N776/N777	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 13.9	N.P.[2]	x: 0 m η = 7.9	x: 0 m η = 6.6	x: 0 m η = 0.1	x: 2.045 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.6	x: 0 m η = 0.4	N.P.[5]	x: 0 m η = 28.4	x: 0 m η = 27.6	**CUMPLE η = 28.4**
N760/N777	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.695 m η = 4.8	N.P.[6]	N.P.[2]	x: 1.695 m η = 3.7	x: 0 m η = 1.6	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.695 m η = 0.1	x: 0 m η < 0.1	x: 1.695 m η = 9.6	N.P.[7]	x: 1.695 m η = 9.4	**CUMPLE η = 9.6**
N778/N779	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.1	N.P.[2]	x: 0.741 m η = 1.3	x: 0 m η = 1.1	x: 0.988 m η < 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.741 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0.988 m η = 2.3	x: 0.988 m η = 2.2	**CUMPLE η = 2.3**
N779/N780	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.988 m η < 0.1	x: 0 m η = 0.1	N.P.[2]	x: 0.247 m η = 1.2	x: 0.988 m η = 1.4	x: 0.988 m η < 0.1	x: 0.988 m η < 0.1	N.P.[3]	N.P.[4]	x: 0.247 m η < 0.1	x: 0.988 m η < 0.1	N.P.[5]	x: 0.988 m η = 2.1	x: 0.988 m η = 2.0	**CUMPLE η = 2.1**
N781/N778	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.761 m η < 0.1	N.P.[6]	N.P.[2]	x: 0.38 m η = 1.0	x: 0 m η = 1.3	x: 0 m η < 0.1	x: 0.761 m η < 0.1	N.P.[3]	N.P.[4]	x: 0.38 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 2.0	**CUMPLE η = 2.0**
N780/N782	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.208 m η = 0.2	x: 0 m η < 0.1	N.P.[2]	x: 0.403 m η = 0.7	x: 1.208 m η = 1.5	x: 1.208 m η = 0.1	x: 1.208 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.403 m η < 0.1	x: 1.208 m η < 0.1	N.P.[5]	x: 0 m η = 1.4	x: 0 m η = 1.9	**CUMPLE η = 1.9**
N782/N783	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.208 m η = 0.7	N.P.[6]	N.P.[2]	x: 1.208 m η = 2.0	x: 0 m η = 1.8	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.208 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.208 m η = 3.2	**CUMPLE η = 3.2**
N783/N784	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 4.1	N.P.[2]	x: 1.432 m η = 3.5	x: 0 m η = 2.3	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.432 m η = 0.1	x: 0 m η = 0.1	N.P.[5]	x: 1.253 m η = 8.2	x: 1.432 m η = 7.1	**CUMPLE η = 8.2**
N784/N769	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 12.5	N.P.[2]	x: 0.352 m η = 3.9	x: 1.407 m η = 6.1	x: 1.407 m η = 0.1	x: 1.407 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.352 m η = 0.2	x: 1.407 m η = 0.4	N.P.[5]	x: 1.407 m η = 21.0	x: 1.407 m η = 20.7	**CUMPLE η = 21.0**
N774/N785	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.593 m η = 13.3	N.P.[6]	η = 1.2	x: 1.593 m η = 19.9	x: 1.593 m η = 8.9	x: 1.593 m η = 0.1	x: 0 m η = 0.6	x: 1.593 m η = 20.6	x: 1.593 m η = 9.6	x: 1.593 m η = 4.2	x: 1.593 m η = 0.9	x: 1.593 m η = 43.5	N.P.[7]	x: 1.593 m η = 40.3	**CUMPLE η = 43.5**
N769/N786	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.023 m η = 1.7	N.P.[6]	N.P.[2]	x: 0.023 m η = 1.2	x: 0 m η = 3.0	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.023 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.6	**CUMPLE η = 5.6**
N786/N785	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 2.661 m η = 1.8	N.P.[6]	N.P.[2]	x: 0.951 m η = 1.9	x: 2.661 m η = 3.6	x: 2.661 m η = 0.1	x: 2.661 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.951 m η < 0.1	x: 2.661 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.5	**CUMPLE η = 5.5**
N781/N779	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.647 m η = 0.1	N.P.[6]	η = 0.2	x: 0.647 m η = 0.5	x: 0 m η = 0.6	x: 0.647 m η < 0.1	x: 0.647 m η < 0.1	x: 0.647 m η = 0.6	x: 0 m η = 0.7	x: 0.647 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.647 m η = 0.7	**CUMPLE η = 0.7**
N779/N782	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.782 m η = 0.1	N.P.[6]	N.P.[2]	x: 0.782 m η = 1.9	x: 0.782 m η = 1.4	x: 0.782 m η = 0.1	x: 0.782 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.782 m η < 0.1	x: 0.782 m η < 0.1	x: 0.782 m η = 3.3	N.P.[7]	x: 0.782 m η = 3.1	**CUMPLE η = 3.3**
N782/N784	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.782 m η = 0.2	N.P.[6]	η = 0.2	x: 0.782 m η = 2.5	x: 0.782 m η = 10.0	x: 0 m η = 0.4	x: 0 m η = 0.3	x: 0.782 m η = 2.6	x: 0.782 m η = 10.1	x: 0.782 m η = 0.1	x: 0.782 m η = 1.0	x: 0.782 m η = 12.6	N.P.[7]	x: 0.782 m η = 12.1	**CUMPLE η = 12.6**
N784/N768	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.3	η = 2.4	x: 0.284 m η = 7.3	x: 0 m η = 11.7	x: 0.284 m η = 2.0	x: 0.284 m η = 2.1	x: 0.284 m η = 8.8	x: 0 m η = 13.2	x: 0.284 m η = 0.8	x: 0 m η = 1.8	N.P.[5]	x: 0.284 m η = 21.7	x: 0.284 m η = 18.2	**CUMPLE η = 21.7**
N768/N785	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 1.822 m η = 1.1	N.P.[6]	η = 0.6	x: 0 m η = 8.9	x: 0 m η = 2.3	x: 0 m η = 0.1	x: 0 m η = 0.3	x: 0 m η = 9.2	x: 0 m η = 2.6	x: 0 m η = 0.8	x: 0 m η = 0.1	x: 0 m η = 12.8	N.P.[7]	x: 0 m η = 11.7	**CUMPLE η = 12.8**
N778/N780	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.746 m η = 0.1	N.P.[6]	η = 0.4	x: 0.746 m η = 1.4	x: 0 m η = 0.7	η < 0.1	η = 0.1	x: 0.746 m η = 1.6	x: 0 m η = 1.0	x: 0.746 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.746 m η = 1.5	**CUMPLE η = 1.6**
N780/N783	w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.746 m η = 0.2	N.P.[6]	η = 0.4	x: 0 m η = 1.4	x: 0.746 m η = 2.2	η < 0.1	η < 0.1	x: 0 m η = 1.7	x: 0.746 m η = 2.5	x: 0 m η < 0.1	x: 0.746 m η = 0.1	N.P.[5]	N.P.[7]	x: 0.746 m η = 3.4	**CUMPLE η = 3.4**
N783/N769	x: 0 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.631 m η = 0.3	N.P.[6]	η = 2.0	x: 0.631 m η = 4.6	x: 0.631 m η = 3.2	η = 0.2	η = 0.2	x: 0.631 m η = 5.7	x: 0.631 m η = 4.4	x: 0.631 m η = 0.3	x: 0.631 m η = 0.2	x: 0.631 m η = 10.5	N.P.[7]	x: 0.631 m η = 6.7	**CUMPLE η = 10.5**
N769/N910	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.7	η = 1.2	x: 1.364 m η = 2.8	x: 0 m η = 4.3	η = 0.1	η < 0.1	x: 1.364 m η = 3.5	x: 0 m η = 5.0	x: 1.364 m η = 0.1	x: 0 m η = 0.3	N.P.[5]	x: 0 m η = 9.1	x: 0 m η = 7.2	**CUMPLE η = 9.1**
N787/N781	x: 0.232 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.464 m η < 0.1	N.P.[6]	N.P.[2]	x: 0.464 m η = 0.1	x: 0.464 m η = 0.1	x: 0.464 m η < 0.1	x: 0.464 m η < 0.1	N.P.[3]	N.P.[4]	x: 0.232 m η < 0.1	x: 0.464 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.464 m η = 0.2	**CUMPLE η = 0.2**
N788/N778	x: 0.343 m w / t ≤ (w / t)$_{Máx}$ Cumple	x: 0.685 m η < 0.1	N.P.[6]	η = 0.2	x: 0.685 m η = 0.4	x: 0.685 m η = 0.2	x: 0.514 m η < 0.1	x: 0 m η < 0.1	x: 0.685 m η = 0.5	x: 0.685 m η = 0.3	x: 0.685 m η < 0.1	x: 0.685 m η < 0.1	N.P.[5]	N.P.[7]	x: 0.685 m η = 0.6	**CUMPLE η = 0.6**
N788/N781	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 0.1	N.P.[2]	x: 0.856 m η = 1.9	x: 0.856 m η = 1.7	x: 0.856 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.856 m η < 0.1	x: 0.856 m η < 0.1	N.P.[5]	x: 0.856 m η = 3.6	x: 0.856 m η = 3.4	**CUMPLE η = 3.6**
N768/N774	w / t ≤ (w / t)$_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 20.2	η = 1.4	x: 0 m η = 8.2	x: 0 m η = 14.7	x: 0 m η = 0.3	x: 1.154 m η = 0.3	x: 0 m η = 9.1	x: 0 m η = 15.5	x: 0 m η = 0.8	x: 0 m η = 2.4	N.P.[5]	x: 0 m η = 45.4	x: 0 m η = 42.0	**CUMPLE η = 45.4**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N774/N776	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 9.5	η = 0.9	x: 1.78 m η = 10.9	x: 1.78 m η = 9.7	x: 0 m η = 0.2	x: 1.78 m η = 0.3	x: 1.78 m η = 11.4	x: 1.78 m η = 10.2	x: 1.78 m η = 1.3	x: 1.78 m η = 1.0	N.P.[5]	x: 1.78 m η = 31.1	x: 1.78 m η = 19.6	**CUMPLE η = 31.1**
N776/N760	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 5.4	η = 0.9	x: 0 m η = 7.6	x: 1.558 m η = 3.0	x: 0 m η = 0.1	x: 0 m η = 0.2	x: 0 m η = 8.1	x: 1.558 m η = 3.5	x: 0 m η = 0.7	x: 1.558 m η = 0.1	N.P.[5]	x: 0 m η = 15.8	x: 0 m η = 14.2	**CUMPLE η = 15.8**
N772/N789	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 0.98 m η = 4.8	N.P.[6]	η = 7.0	x: 0 m η = 10.5	x: 0 m η = 20.4	x: 0.98 m η = 0.7	x: 0 m η = 0.9	x: 0 m η = 14.7	x: 0 m η = 24.6	x: 0 m η = 2.2	x: 0 m η = 6.1	x: 0 m η = 44.1	N.P.[7]	x: 0 m η = 34.4	**CUMPLE η = 44.1**
N789/N896	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 0.15 m η = 3.0	N.P.[6]	η = 3.0	x: 0.15 m η = 6.9	x: 0.15 m η = 3.9	x: 0.15 m η = 0.5	x: 0 m η = 1.2	x: 0.15 m η = 8.7	x: 0.15 m η = 5.4	x: 0.15 m η = 0.8	x: 0.15 m η = 0.3	x: 0.15 m η = 17.1	N.P.[7]	x: 0.15 m η = 10.3	**CUMPLE η = 17.1**
N896/N910	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 0.478 m η = 1.8	N.P.[6]	η = 16.0	x: 0 m η = 5.0	x: 0.478 m η = 8.6	x: 0.478 m η = 0.6	x: 0.478 m η = 0.8	x: 0 m η = 13.1	x: 0.478 m η = 17.1	x: 0 m η = 1.7	x: 0.478 m η = 2.9	x: 0.478 m η = 31.0	N.P.[7]	x: 0.478 m η = 17.9	**CUMPLE η = 31.0**
N910/N773	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.005 m η = 1.7	N.P.[6]	η = 0.5	x: 1.005 m η = 1.8	x: 0 m η = 3.6	x: 0 m η = 0.1	x: 0 m η = 0.1	x: 1.005 m η = 2.0	x: 0 m η = 3.9	x: 1.005 m η < 0.1	x: 0 m η = 0.2	N.P.[5]	N.P.[7]	x: 1.005 m η = 5.2	**CUMPLE η = 5.2**
N773/N785	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.075 m η = 9.8	N.P.[6]	η = 1.6	x: 0 m η = 10.5	x: 1.075 m η = 1.9	x: 0 m η = 0.1	x: 0 m η = 0.4	x: 0 m η = 11.5	x: 1.075 m η = 2.9	x: 0 m η = 1.3	x: 1.075 m η = 0.1	x: 0 m η = 23.7	N.P.[7]	x: 0 m η = 19.1	**CUMPLE η = 23.7**
N785/N775	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.505 m η = 4.7	N.P.[6]	η = 3.9	x: 0 m η = 10.4	x: 1.505 m η = 14.0	x: 1.505 m η = 0.3	x: 0 m η = 0.6	x: 0 m η = 12.8	x: 1.505 m η = 16.3	x: 0 m η = 1.6	x: 1.505 m η = 2.7	x: 1.505 m η = 31.0	N.P.[7]	x: 0 m η = 19.1	**CUMPLE η = 31.0**
N775/N777	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 7.1	N.P.[2]	x: 0 m η = 7.3	x: 1.771 m η = 8.6	x: 1.771 m η = 0.2	x: 1.771 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.5	x: 1.771 m η = 0.7	N.P.[5]	x: 0 m η = 21.5	x: 0 m η = 20.6	**CUMPLE η = 21.5**
N777/N761	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 14.1	N.P.[2]	x: 1.771 m η = 8.4	x: 1.771 m η = 7.1	x: 1.771 m η = 0.2	x: 0 m η = 0.5	N.P.[3]	N.P.[4]	x: 1.771 m η = 0.7	x: 1.771 m η = 0.5	N.P.[5]	x: 1.771 m η = 29.7	x: 0 m η = 25.8	**CUMPLE η = 29.7**
N791/N790	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 2.0	N.P.[6]	N.P.[2]	x: 1.861 m η = 30.0	x: 1.861 m η = 7.2	x: 0 m η = 0.1	x: 0 m η = 0.6	N.P.[3]	N.P.[4]	x: 1.861 m η = 9.0	x: 1.861 m η = 0.5	x: 1.861 m η = 35.2	N.P.[7]	x: 1.861 m η = 30.6	**CUMPLE η = 35.2**
N791/N792	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 3.6	N.P.[2]	x: 1.311 m η = 9.2	x: 0 m η = 6.9	η = 0.1	η = 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.9	x: 0 m η = 0.5	N.P.[5]	x: 1.311 m η = 17.9	x: 0 m η = 13.0	**CUMPLE η = 17.9**
N793/N792	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.6	x: 0 m η = 2.6	N.P.[2]	x: 1.861 m η = 11.5	x: 1.861 m η = 2.2	x: 1.861 m η = 0.1	x: 1.861 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.861 m η = 1.3	x: 1.861 m η < 0.1	N.P.[5]	x: 1.861 m η = 16.0	x: 1.861 m η = 14.3	**CUMPLE η = 16.0**
N793/N794	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.4	x: 0 m η = 0.8	N.P.[2]	x: 1.311 m η = 0.8	x: 1.311 m η = 1.3	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	x: 0 m η = 1.5	x: 1.311 m η = 2.3	**CUMPLE η = 2.3**
N795/N794	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.1	x: 0 m η = 3.8	N.P.[2]	x: 0 m η = 1.3	x: 1.861 m η = 1.3	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 1.861 m η < 0.1	N.P.[5]	x: 0 m η = 5.9	x: 0 m η = 5.7	**CUMPLE η = 5.9**
N798/N796	$w / t \leq (w / t)_{máx}$ Cumple	η = 1.5	N.P.[6]	N.P.[2]	x: 0.66 m η = 0.6	x: 1.32 m η = 3.1	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.66 m η < 0.1	x: 1.32 m η = 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 4.7	**CUMPLE η = 4.7**
N796/N797	$w / t \leq (w / t)_{máx}$ Cumple	η = 2.0	N.P.[6]	N.P.[2]	x: 1.32 m η = 6.3	x: 1.32 m η = 8.4	x: 0 m η = 0.2	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.32 m η = 0.4	x: 1.32 m η = 0.7	x: 1.32 m η = 16.7	N.P.[7]	x: 1.32 m η = 12.0	**CUMPLE η = 16.7**
N795/N798	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.6	N.P.[6]	N.P.[2]	x: 1.311 m η = 0.8	x: 0 m η = 0.7	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 1.4	**CUMPLE η = 1.4**
N799/N798	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 7.8	N.P.[2]	x: 1.861 m η = 1.6	x: 1.861 m η = 1.4	x: 1.861 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η < 0.1	x: 1.861 m η < 0.1	N.P.[5]	x: 1.861 m η = 10.4	x: 1.861 m η = 10.1	**CUMPLE η = 10.4**
N799/N796	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.0	N.P.[6]	N.P.[2]	x: 1.311 m η = 2.1	x: 1.311 m η = 0.8	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.311 m η = 3.5	**CUMPLE η = 3.5**
N800/N796	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 13.5	N.P.[2]	x: 1.116 m η = 2.9	x: 0 m η = 3.3	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.116 m η = 0.1	x: 0 m η = 0.1	N.P.[5]	x: 0 m η = 18.2	x: 0 m η = 17.9	**CUMPLE η = 18.2**
N794/N798	$w / t \leq (w / t)_{máx}$ Cumple	η = 1.1	η = 0.3	N.P.[2]	x: 0.44 m η = 0.9	x: 1.32 m η = 1.5	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.44 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	x: 1.32 m η = 1.7	x: 1.32 m η = 2.7	**CUMPLE η = 2.7**
N792/N794	$w / t \leq (w / t)_{máx}$ Cumple	η = 1.0	η = 0.3	N.P.[2]	x: 0 m η = 3.2	x: 0 m η = 7.3	x: 0 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 0 m η = 0.5	N.P.[5]	x: 0 m η = 5.0	x: 0 m η = 11.1	**CUMPLE η = 11.1**
N790/N801	$w / t \leq (w / t)_{máx}$ Cumple	η = 5.2	N.P.[6]	η = 13.9	x: 0 m η = 2.8	x: 0 m η = 62.1	x: 0 m η = 12.5	x: 0.15 m η = 0.5	x: 0 m η = 11.2	x: 0 m η = 70.5	x: 0 m η = 1.2	x: 0 m η = 51.2	x: 0 m η = 86.9	N.P.[7]	x: 0 m η = 69.9	**CUMPLE η = 86.9**
N801/N792	$w / t \leq (w / t)_{máx}$ Cumple	η = 0.8	N.P.[6]	η = 1.8	x: 0 m η = 17.7	x: 0 m η = 34.8	x: 1.17 m η = 0.7	x: 1.17 m η = 0.8	x: 0 m η = 18.8	x: 0 m η = 35.9	x: 0 m η = 3.5	x: 0 m η = 12.9	x: 0 m η = 53.8	N.P.[7]	x: 0 m η = 50.0	**CUMPLE η = 53.8**
N795/N799	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.8	N.P.[6]	N.P.[2]	x: 0 m η = 1.0	x: 0 m η = 1.1	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 2.5	**CUMPLE η = 2.5**
N793/N795	x: 0.66 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.8	N.P.[6]	N.P.[2]	x: 1.32 m η = 0.9	x: 0.66 m η = 1.0	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 0.66 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 2.0	**CUMPLE η = 2.0**
N791/N793	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.7	N.P.[6]	N.P.[2]	x: 0 m η = 3.1	x: 0 m η = 2.0	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.4	**CUMPLE η = 5.4**
N845/N802	$w / t \leq (w / t)_{máx}$ Cumple	η = 0.1	N.P.[6]	N.P.[2]	x: 0 m η = 1.6	x: 0 m η = 3.7	x: 0 m η = 0.1	x: 0 m η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.2	**CUMPLE η = 5.2**
N802/N791	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.1	N.P.[6]	N.P.[2]	x: 1.17 m η = 2.2	x: 1.17 m η = 4.5	x: 0 m η = 0.1	x: 1.17 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.17 m η < 0.1	x: 1.17 m η = 0.2	N.P.[5]	N.P.[7]	x: 1.17 m η = 6.4	**CUMPLE η = 6.4**
N799/N800	x: 1.1 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.6	N.P.[6]	N.P.[2]	x: 1.32 m η = 2.0	x: 1.32 m η = 1.0	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 2.9	**CUMPLE η = 2.9**
N797/N844	$w / t \leq (w / t)_{máx}$ Cumple	η = 2.1	N.P.[6]	η = 1.1	x: 0.768 m η = 14.9	x: 0.768 m η = 40.4	x: 0.768 m η = 1.2	x: 0.768 m η = 1.2	x: 0.768 m η = 15.5	x: 0.768 m η = 41.0	x: 0.768 m η = 2.4	x: 0.768 m η = 16.9	x: 0.768 m η = 58.6	N.P.[7]	x: 0.768 m η = 55.9	**CUMPLE η = 58.6**
N844/N803	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	η = 1.8	N.P.[6]	η = 2.2	x: 0 m η = 21.3	x: 0.552 m η = 24.7	x: 0 m η = 1.1	x: 0 m η = 1.3	x: 0 m η = 22.7	x: 0.552 m η = 26.1	x: 0 m η = 5.2	x: 0.552 m η = 6.8	x: 0 m η = 38.2	N.P.[7]	x: 0 m η = 33.4	**CUMPLE η = 38.2**
N803/N804	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	η = 1.2	N.P.[6]	N.P.[2]	x: 1.32 m η = 6.4	x: 0 m η = 13.1	x: 1.32 m η = 0.2	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η = 0.4	x: 0 m η = 1.7	x: 0 m η = 18.2	N.P.[7]	x: 0 m η = 16.4	**CUMPLE η = 18.2**
N804/N805	x: 1.32 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.9	N.P.[6]	N.P.[2]	x: 0 m η = 5.8	x: 0.44 m η = 1.4	x: 1.32 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.3	x: 0.44 m η < 0.1	x: 0 m η = 7.7	N.P.[7]	x: 0 m η = 5.9	**CUMPLE η = 7.7**
N805/N806	x: 0.22 m $w / t \leq (w / t)_{máx}$ Cumple	η = 0.8	N.P.[6]	N.P.[2]	x: 1.32 m η = 1.8	x: 1.32 m η = 3.4	x: 1.32 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 1.32 m η = 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 5.7	**CUMPLE η = 5.7**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N806/N807	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.1$	N.P.[6]	N.P.[2]	x: 1.32 m $\eta = 6.2$	x: 1.32 m $\eta = 3.8$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.2$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.4$	x: 1.32 m $\eta = 0.1$	x: 1.32 m $\eta = 10.8$	N.P.[7]	x: 1.32 m $\eta = 10.2$	**CUMPLE $\eta = 10.8$**
N807/N808	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.7$	N.P.[6]	N.P.[2]	x: 1.32 m $\eta = 8.2$	x: 1.32 m $\eta = 11.7$	x: 1.32 m $\eta = 0.2$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.7$	x: 1.32 m $\eta = 1.4$	x: 1.32 m $\eta = 20.9$	N.P.[7]	x: 1.32 m $\eta = 20.1$	**CUMPLE $\eta = 20.9$**
N808/N815	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.0$	N.P.[6]	$\eta = 6.7$	x: 0 m $\eta = 6.6$	x: 0.045 m $\eta = 23.5$	x: 0.045 m $\eta = 2.6$	x: 0.045 m $\eta = 2.5$	x: 0 m $\eta = 10.6$	x: 0.045 m $\eta = 27.5$	x: 0 m $\eta = 1.1$	x: 0.045 m $\eta = 7.6$	x: 0.045 m $\eta = 37.6$	N.P.[7]	x: 0.045 m $\eta = 29.0$	**CUMPLE $\eta = 37.6$**
N815/N816	x: 1.275 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.1$	N.P.[6]	N.P.[2]	x: 1.275 m $\eta = 3.7$	x: 0 m $\eta = 8.4$	x: 1.275 m $\eta = 0.2$	x: 1.275 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.275 m $\eta = 0.1$	x: 0 m $\eta = 0.7$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 8.9$	**CUMPLE $\eta = 8.9$**
N816/N817	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.1$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 3.2$	x: 0 m $\eta = 0.8$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta = 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 4.9$	**CUMPLE $\eta = 4.9$**
N817/N818	x: 0.66 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.2$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 1.1$	x: 0.44 m $\eta = 0.9$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0.44 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.32 m $\eta = 2.2$	**CUMPLE $\eta = 2.2$**
N818/N819	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 1.5$	N.P.[6]	N.P.[2]	x: 0.88 m $\eta = 0.5$	x: 1.32 m $\eta = 3.4$	x: 1.32 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.88 m $\eta < 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[5]	N.P.[7]	x: 1.32 m $\eta = 4.9$	**CUMPLE $\eta = 4.9$**
N819/N820	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 2.0$	N.P.[6]	N.P.[2]	x: 1.32 m $\eta = 6.8$	x: 1.32 m $\eta = 7.3$	x: 0 m $\eta = 0.2$	x: 0 m $\eta = 0.2$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.5$	x: 1.32 m $\eta = 0.5$	x: 1.32 m $\eta = 16.1$	N.P.[7]	x: 1.32 m $\eta = 11.4$	**CUMPLE $\eta = 16.1$**
N820/N840	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 2.0$	N.P.[6]	N.P.[2]	x: 0.661 m $\eta = 12.2$	x: 0.661 m $\eta = 37.2$	x: 0.661 m $\eta = 1.3$	x: 0.661 m $\eta = 1.2$	N.P.[3]	N.P.[4]	x: 0.661 m $\eta = 1.5$	x: 0.661 m $\eta = 13.9$	x: 0.661 m $\eta = 51.3$	N.P.[7]	x: 0.661 m $\eta = 50.1$	**CUMPLE $\eta = 51.3$**
N840/N827	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.2$	$\eta < 0.1$	$\eta = 1.2$	x: 0 m $\eta = 18.5$	x: 0.659 m $\eta = 18.3$	x: 0 m $\eta = 0.7$	x: 0 m $\eta = 0.9$	x: 0 m $\eta = 19.2$	x: 0.659 m $\eta = 19.0$	x: 0 m $\eta = 3.7$	x: 0.659 m $\eta = 3.6$	x: 0 m $\eta = 30.2$	x: 0 m $\eta = 23.3$	x: 0 m $\eta = 27.0$	**CUMPLE $\eta = 30.2$**
N827/N828	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 0.8$	N.P.[2]	x: 1.32 m $\eta = 5.4$	x: 0 m $\eta = 10.1$	x: 1.32 m $\eta = 0.2$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.3$	x: 0 m $\eta = 1.0$	N.P.[5]	x: 0 m $\eta = 15.7$	x: 0 m $\eta = 14.1$	**CUMPLE $\eta = 15.7$**
N828/N829	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 1.0$	N.P.[2]	x: 0 m $\eta = 4.8$	x: 0.44 m $\eta = 1.5$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.2$	N.P.[3]	N.P.[4]	x: 0 m $\eta = 0.2$	x: 0.44 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 6.9$	x: 0 m $\eta = 4.9$	**CUMPLE $\eta = 6.9$**
N829/N830	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 0.9$	N.P.[2]	x: 1.32 m $\eta = 1.6$	x: 1.32 m $\eta = 3.6$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[5]	x: 1.32 m $\eta = 6.1$	x: 1.32 m $\eta = 6.0$	**CUMPLE $\eta = 6.1$**
N830/N831	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 0.5$	N.P.[2]	x: 1.32 m $\eta = 7.2$	x: 0 m $\eta = 2.0$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.2$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.5$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 1.32 m $\eta = 9.2$	x: 1.32 m $\eta = 8.9$	**CUMPLE $\eta = 9.2$**
N831/N832	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	$\eta = 0.2$	N.P.[2]	x: 0 m $\eta = 8.3$	x: 0.96 m $\eta = 20.9$	x: 0.96 m $\eta = 0.4$	x: 0.96 m $\eta = 0.2$	N.P.[3]	N.P.[4]	x: 0 m $\eta = 0.7$	x: 0.96 m $\eta = 4.4$	x: 0.96 m $\eta = 11.9$	x: 0.96 m $\eta = 24.1$	x: 0.96 m $\eta = 23.8$	**CUMPLE $\eta = 24.1$**
N832/N842	x: 0.15 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 2.9$	N.P.[6]	$\eta = 2.3$	x: 0 m $\eta = 16.7$	x: 0 m $\eta = 32.9$	x: 0.15 m $\eta = 6.8$	x: 0 m $\eta = 7.1$	x: 0 m $\eta = 18.1$	x: 0 m $\eta = 34.3$	x: 0 m $\eta = 3.8$	x: 0 m $\eta = 12.2$	x: 0 m $\eta = 52.8$	N.P.[7]	x: 0.15 m $\eta = 46.4$	**CUMPLE $\eta = 52.8$**
N809/N810	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta < 0.1$	$\eta = 1.1$	N.P.[2]	x: 1.32 m $\eta = 3.0$	x: 0.88 m $\eta = 2.3$	x: 0 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.1$	x: 0.88 m $\eta = 0.1$	N.P.[5]	x: 1.32 m $\eta = 6.0$	x: 1.32 m $\eta = 3.5$	**CUMPLE $\eta = 6.0$**
N810/N811	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 3.4$	x: 0 m $\eta = 1.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta = 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 4.4$	**CUMPLE $\eta = 4.4$**
N811/N812	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 1.6$	x: 0 m $\eta = 0.9$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 2.7$	**CUMPLE $\eta = 2.7$**
N812/N813	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.4$	$\eta < 0.1$	N.P.[2]	x: 1.32 m $\eta = 1.6$	x: 0 m $\eta = 1.9$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 1.5$	x: 1.32 m $\eta = 2.6$	**CUMPLE $\eta = 2.6$**
N813/N814	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	$\eta = 0.9$	N.P.[2]	x: 1.1 m $\eta = 2.5$	x: 0 m $\eta = 2.1$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.1 m $\eta = 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 1.32 m $\eta = 2.7$	x: 1.32 m $\eta = 4.4$	**CUMPLE $\eta = 4.4$**
N814/N821	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.2$	$\eta = 1.1$	N.P.[2]	x: 0.045 m $\eta = 2.1$	x: 0 m $\eta = 2.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.045 m $\eta < 0.1$	x: 0 m $\eta = 0.1$	N.P.[5]	x: 0 m $\eta = 2.9$	x: 0 m $\eta = 4.5$	**CUMPLE $\eta = 4.5$**
N821/N822	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.2$	$\eta = 2.0$	N.P.[2]	x: 0 m $\eta = 2.1$	x: 0 m $\eta = 2.2$	x: 0 m $\eta = 0.1$	x: 1.275 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 3.5$	x: 0 m $\eta = 4.3$	**CUMPLE $\eta = 4.3$**
N822/N823	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.5$	$\eta = 0.8$	N.P.[2]	x: 0.66 m $\eta = 0.5$	x: 0 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.66 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 2.3$	x: 0 m $\eta = 2.2$	**CUMPLE $\eta = 2.3$**
N823/N824	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.5$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 0.6$	x: 0 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 1.7$	**CUMPLE $\eta = 1.7$**
N824/N825	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.4$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 0.5$	x: 0 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 1.9$	**CUMPLE $\eta = 1.9$**
N825/N826	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.4$	N.P.[6]	N.P.[2]	x: 1.32 m $\eta = 1.6$	x: 1.32 m $\eta = 1.0$	x: 1.32 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 1.32 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.32 m $\eta = 2.5$	**CUMPLE $\eta = 2.5$**
N826/N841	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.2$	$\eta = 0.5$	N.P.[2]	x: 0 m $\eta = 1.1$	x: 0.165 m $\eta = 1.1$	x: 0 m $\eta < 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0.165 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 2.7$	x: 0.165 m $\eta = 1.6$	**CUMPLE $\eta = 2.7$**
N841/N833	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.2$	$\eta = 0.5$	N.P.[2]	x: 0.659 m $\eta = 1.3$	x: 0.659 m $\eta = 2.0$	x: 0.659 m $\eta = 0.1$	x: 0.659 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.659 m $\eta < 0.1$	x: 0.659 m $\eta < 0.1$	N.P.[5]	x: 0.659 m $\eta = 3.8$	x: 0.659 m $\eta = 3.7$	**CUMPLE $\eta = 3.8$**
N833/N834	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	$\eta = 0.7$	N.P.[2]	x: 1.32 m $\eta = 2.6$	x: 0.88 m $\eta = 2.0$	x: 0 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta = 0.1$	x: 0.88 m $\eta < 0.1$	N.P.[5]	x: 1.32 m $\eta = 4.8$	x: 1.32 m $\eta = 3.2$	**CUMPLE $\eta = 4.8$**
N834/N835	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.7$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 3.0$	x: 0 m $\eta = 1.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta = 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 4.0$	**CUMPLE $\eta = 4.0$**
N835/N836	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.7$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 1.7$	x: 0.88 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0.88 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 2.7$	**CUMPLE $\eta = 2.7$**
N836/N837	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.6$	N.P.[6]	N.P.[2]	x: 0 m $\eta = 0.7$	x: 0 m $\eta = 1.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 2.3$	**CUMPLE $\eta = 2.3$**
N837/N838	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.4$	N.P.[6]	N.P.[2]	x: 0.72 m $\eta = 0.6$	x: 0.96 m $\eta = 1.0$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.72 m $\eta < 0.1$	x: 0.96 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0.96 m $\eta = 1.5$	**CUMPLE $\eta = 1.5$**
N838/N839	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.4$	N.P.[6]	N.P.[2]	x: 0.075 m $\eta = 0.4$	x: 0.15 m $\eta = 1.3$	x: 0.15 m $\eta = 0.1$	x: 0.15 m $\eta < 0.1$	N.P.[3]	N.P.[4]	x: 0.075 m $\eta < 0.1$	x: 0.15 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0.15 m $\eta = 1.7$	**CUMPLE $\eta = 1.7$**
N810/N803	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 2.0$	N.P.[6]	N.P.[2]	x: 1.861 m $\eta = 14.6$	x: 0 m $\eta = 2.2$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.3$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 2.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.861 m $\eta = 14.7$	**CUMPLE $\eta = 14.7$**
N810/N804	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 3.5$	N.P.[2]	x: 1.311 m $\eta = 3.0$	x: 0 m $\eta = 2.4$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[5]	x: 0 m $\eta = 7.5$	x: 0 m $\eta = 7.2$	**CUMPLE $\eta = 7.5$**
N811/N804	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 0.9$	x: 0 m $\eta = 1.5$	N.P.[2]	x: 1.861 m $\eta = 4.1$	x: 1.861 m $\eta = 1.5$	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 0.2$	x: 1.861 m $\eta < 0.1$	N.P.[5]	x: 1.861 m $\eta = 5.2$	x: 1.861 m $\eta = 5.3$	**CUMPLE $\eta = 5.3$**

ESTE DOCUMENTO ES PROPIEDAD DE DAYANA CAROLINA ANTOLINEZ ANTOLINEZ
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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N811/N805	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.4	x: 0 m η = 1.6	N.P.[2]	x: 0 m η = 2.1	x: 1.311 m η = 1.5	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	x: 1.311 m η = 4.5	x: 1.311 m η = 4.2	**CUMPLE η = 4.5**
N812/N805	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.5	x: 0 m η = 5.3	N.P.[2]	x: 0 m η = 3.8	x: 0.93 m η = 1.8	x: 1.861 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 1.116 m η < 0.1	N.P.[5]	x: 0 m η = 7.9	x: 0 m η = 7.6	**CUMPLE η = 7.9**
N812/N806	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.8	x: 0 m η = 0.4	N.P.[2]	x: 0.219 m η = 2.2	x: 1.093 m η = 1.3	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0.219 m η < 0.1	x: 1.093 m η < 0.1	N.P.[5]	x: 1.093 m η = 3.6	x: 1.093 m η = 3.2	**CUMPLE η = 3.6**
N813/N806	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 9.8	N.P.[2]	x: 1.861 m η = 4.0	x: 0.93 m η = 1.6	x: 0 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.2	x: 0.93 m η < 0.1	N.P.[5]	x: 1.861 m η = 12.4	x: 1.861 m η = 12.0	**CUMPLE η = 12.4**
N813/N807	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.3	N.P.[6]	N.P.[2]	x: 1.311 m η = 2.0	x: 0 m η = 1.5	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 2.6	**CUMPLE η = 2.6**
N814/N807	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 14.0	N.P.[2]	x: 1.861 m η = 3.7	x: 0 m η = 1.7	x: 0 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.1	x: 0 m η < 0.1	N.P.[5]	x: 1.861 m η = 16.2	x: 1.861 m η = 16.0	**CUMPLE η = 16.2**
N822/N808	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 2.2	N.P.[6]	N.P.[2]	x: 1.861 m η = 10.3	x: 0 m η = 3.1	x: 1.861 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.861 m η = 1.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 1.861 m η = 11.3	**CUMPLE η = 11.3**
N822/N816	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 4.4	N.P.[2]	x: 0 m η = 0.7	x: 1.311 m η = 1.4	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	x: 0 m η = 5.4	x: 0 m η = 5.2	**CUMPLE η = 5.4**
N823/N816	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 1.6	N.P.[6]	N.P.[2]	x: 1.861 m η = 1.1	x: 1.861 m η = 2.2	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η < 0.1	x: 1.861 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 3.9	**CUMPLE η = 3.9**
N823/N817	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.1	x: 0 m η = 2.9	N.P.[2]	x: 1.311 m η = 0.2	x: 1.311 m η = 0.3	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	x: 1.311 m η = 3.2	x: 1.311 m η = 3.2	**CUMPLE η = 3.2**
N824/N817	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.9	x: 0 m η = 2.8	N.P.[2]	x: 0 m η = 1.0	x: 0 m η = 1.5	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 4.9	x: 0 m η = 4.8	**CUMPLE η = 4.9**
N824/N818	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.5	x: 0 m η = 1.4	N.P.[2]	x: 1.311 m η = 0.7	x: 0.656 m η = 0.4	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 0.656 m η < 0.1	N.P.[5]	x: 1.311 m η = 0.4	x: 0.656 m η = 1.0	**CUMPLE η = 1.4**
N825/N818	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.3	x: 0 m η = 6.4	N.P.[2]	x: 1.861 m η = 1.7	x: 1.861 m η = 1.5	x: 1.861 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η < 0.1	x: 1.861 m η < 0.1	N.P.[5]	x: 1.861 m η = 8.9	x: 1.861 m η = 8.6	**CUMPLE η = 8.9**
N825/N819	x: 0.656 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.8	N.P.[6]	N.P.[2]	x: 1.311 m η = 1.5	x: 1.093 m η = 0.9	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 1.093 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.311 m η = 2.8	**CUMPLE η = 2.8**
N826/N819	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 12.1	N.P.[2]	x: 1.116 m η = 1.8	x: 0 m η = 2.9	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.116 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	x: 0 m η = 15.6	x: 0 m η = 15.5	**CUMPLE η = 15.6**
N834/N827	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 1.5	N.P.[6]	N.P.[2]	x: 1.861 m η = 9.9	x: 0 m η = 1.9	x: 0 m η = 0.1	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.861 m η = 1.0	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.861 m η = 10.3	**CUMPLE η = 10.3**
N834/N828	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 2.5	N.P.[2]	x: 1.311 m η = 2.5	x: 0 m η = 1.8	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 5.9	x: 0 m η = 5.6	**CUMPLE η = 5.9**
N835/N828	x: 1.861 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.6	N.P.[6]	N.P.[2]	x: 1.861 m η = 3.9	x: 0.744 m η = 1.6	x: 1.861 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.2	x: 0.744 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.861 m η = 4.5	**CUMPLE η = 4.5**
N835/N829	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.1	x: 0 m η = 0.7	N.P.[2]	x: 0 m η = 1.9	x: 1.311 m η = 1.3	N.P.[8]	N.P.[9]	N.P.[3]	N.P.[4]	N.P.[10]	N.P.[11]	N.P.[5]	x: 1.311 m η = 3.7	N.P.[12]	**CUMPLE η = 3.7**
N836/N829	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.1	x: 0 m η = 2.3	N.P.[2]	x: 1.861 m η = 3.8	x: 0.93 m η = 1.8	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.1	x: 1.116 m η < 0.1	N.P.[5]	x: 0 m η = 4.8	x: 0 m η = 4.5	**CUMPLE η = 4.8**
N836/N830	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.5	N.P.[6]	N.P.[2]	x: 0 m η = 1.8	x: 1.311 m η = 1.5	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 2.5	**CUMPLE η = 2.5**
N837/N830	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 6.9	N.P.[2]	x: 1.861 m η = 2.9	x: 1.116 m η = 1.5	x: 0 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.1	x: 1.116 m η < 0.1	N.P.[5]	x: 0 m η = 8.7	x: 0 m η = 8.7	**CUMPLE η = 8.7**
N837/N831	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.0	N.P.[6]	N.P.[2]	x: 1.311 m η = 4.2	x: 1.311 m η = 2.0	η < 0.1	η = 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.2	x: 1.311 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.311 m η = 4.8	**CUMPLE η = 4.8**
N839/N831	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 7.7	N.P.[2]	x: 1.718 m η = 5.2	x: 0 m η = 1.8	x: 0 m η < 0.1	x: 1.718 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.718 m η = 0.3	x: 0 m η < 0.1	N.P.[5]	x: 1.718 m η = 10.8	x: 1.718 m η = 10.4	**CUMPLE η = 10.8**
N833/N820	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.4	N.P.[6]	N.P.[2]	x: 1.861 m η = 11.3	x: 1.861 m η = 4.7	x: 1.861 m η = 0.1	x: 1.861 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.861 m η = 1.3	x: 1.861 m η = 0.2	N.P.[5]	N.P.[7]	x: 1.861 m η = 14.3	**CUMPLE η = 14.3**
N833/N827	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 0.4	N.P.[2]	x: 1.311 m η = 8.9	x: 0 m η = 4.9	η = 0.1	η = 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.8	x: 0 m η = 0.2	N.P.[5]	x: 1.311 m η = 13.8	x: 1.311 m η = 12.2	**CUMPLE η = 13.8**
N826/N820	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.5	N.P.[6]	N.P.[2]	x: 1.311 m η = 10.8	x: 1.311 m η = 6.8	η = 0.1	η = 0.2	N.P.[3]	N.P.[4]	x: 1.311 m η = 1.2	x: 1.311 m η = 0.5	N.P.[5]	N.P.[7]	x: 1.311 m η = 14.1	**CUMPLE η = 14.1**
N839/N842	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.2	N.P.[6]	N.P.[2]	x: 1.311 m η = 5.0	x: 1.311 m η = 9.0	η = 0.1	η = 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.3	x: 1.311 m η = 0.8	N.P.[5]	N.P.[7]	x: 1.311 m η = 13.6	**CUMPLE η = 13.6**
N814/N808	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.7	N.P.[6]	N.P.[2]	x: 1.311 m η = 11.8	x: 0 m η = 2.2	η < 0.1	η = 0.2	N.P.[3]	N.P.[4]	x: 1.311 m η = 1.4	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 1.311 m η = 11.7	**CUMPLE η = 11.8**
N809/N803	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.6	N.P.[6]	N.P.[2]	x: 1.311 m η = 12.3	x: 1.311 m η = 6.4	η = 0.1	η = 0.2	N.P.[3]	N.P.[4]	x: 1.311 m η = 1.5	x: 1.311 m η = 0.4	N.P.[5]	N.P.[7]	x: 1.311 m η = 16.7	**CUMPLE η = 16.7**
N809/N797	$w / t \leq (w / t)_{máx}$ Cumple	N.P.[1]	x: 0 m η = 3.9	N.P.[2]	x: 1.861 m η = 11.3	x: 1.861 m η = 5.1	x: 1.861 m η = 0.1	x: 1.861 m η = 0.3	N.P.[3]	N.P.[4]	x: 1.861 m η = 1.3	x: 1.861 m η = 0.3	N.P.[5]	x: 1.861 m η = 16.6	x: 1.861 m η = 14.6	**CUMPLE η = 16.6**
N800/N843	$w / t \leq (w / t)_{máx}$ Cumple	η = 0.2	η = 0.7	N.P.[2]	x: 0 m η = 1.4	x: 0 m η = 1.4	x: 0.768 m η < 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 3.5	x: 0 m η = 2.1	**CUMPLE η = 3.5**
N843/N809	$w / t \leq (w / t)_{máx}$ Cumple	η = 0.2	η = 0.6	N.P.[2]	x: 0.552 m η = 1.5	x: 0.552 m η = 2.1	x: 0.552 m η = 0.1	x: 0.552 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.552 m η < 0.1	x: 0.552 m η < 0.1	N.P.[5]	x: 0.552 m η = 4.3	x: 0.552 m η = 4.1	**CUMPLE η = 4.3**
N800/N797	x: 0 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.6	N.P.[6]	N.P.[2]	x: 1.311 m η = 11.2	x: 1.311 m η = 7.3	η = 0.1	η = 0.3	N.P.[3]	N.P.[4]	x: 1.311 m η = 1.3	x: 1.311 m η = 0.5	N.P.[5]	N.P.[7]	x: 1.311 m η = 14.8	**CUMPLE η = 14.8**
N845/N790	x: 0.437 m $w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 0.2	N.P.[6]	N.P.[2]	x: 1.311 m η = 28.2	x: 1.311 m η = 18.0	η = 0.3	η = 0.6	N.P.[3]	N.P.[4]	x: 1.311 m η = 8.0	x: 1.311 m η = 3.2	x: 1.311 m η = 46.1	N.P.[7]	x: 1.311 m η = 41.4	**CUMPLE η = 46.1**
N847/N846	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 1.0	x: 0 m η = 10.0	N.P.[2]	x: 1.861 m η = 6.0	x: 1.116 m η = 2.4	x: 1.861 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.4	x: 1.116 m η = 0.1	N.P.[5]	x: 1.861 m η = 17.0	x: 1.861 m η = 13.7	**CUMPLE η = 17.0**
N847/N848	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.3	x: 0 m η = 1.6	N.P.[2]	x: 0 m η = 0.7	x: 0 m η = 1.1	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 1.311 m η = 2.8	x: 0 m η = 2.8	**CUMPLE η = 2.8**
N849/N848	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.861 m η = 0.4	x: 0 m η = 13.4	N.P.[2]	x: 1.861 m η = 1.4	x: 0 m η = 1.4	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 15.0	x: 0 m η = 15.0	**CUMPLE η = 15.0**
N849/N850	$w / t \leq (w / t)_{máx}$ Cumple	x: 1.311 m η = 1.6	x: 0 m η = 0.3	N.P.[2]	x: 0 m η = 0.8	x: 1.311 m η = 0.6	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0.656 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 2.4	**CUMPLE η = 2.4**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N851/N850	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 17.2	N.P.[2]	x: 0.744 m η = 1.8	x: 1.861 m η = 2.0	x: 0 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.744 m η < 0.1	x: 1.861 m η < 0.1	N.P.[5]	x: 0 m η = 21.8	x: 0 m η = 20.2	**CUMPLE η = 21.8**
N852/N853	$w / t \leq (w / t)_{Máx}$ Cumple	η = 1.6	η = 1.0	N.P.[2]	x: 1.32 m η = 3.1	x: 1.32 m η = 2.1	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η = 0.1	x: 1.32 m η < 0.1	N.P.[5]	x: 1.32 m η = 4.3	x: 1.32 m η = 6.1	**CUMPLE η = 6.1**
N853/N854	$w / t \leq (w / t)_{Máx}$ Cumple	η = 2.7	N.P.[6]	N.P.[2]	x: 0 m η = 3.4	x: 1.32 m η = 12.0	x: 0 m η = 0.2	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 1.32 m η = 1.4	x: 1.32 m η = 14.2	N.P.[7]	x: 1.32 m η = 13.9	**CUMPLE η = 14.2**
N851/N852	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 2.0	N.P.[6]	N.P.[2]	x: 0 m η = 1.8	x: 0.874 m η = 1.0	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0.874 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 3.5	**CUMPLE η = 3.5**
N855/N852	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 20.5	N.P.[2]	x: 0.744 m η = 2.0	x: 1.861 m η = 2.3	x: 1.861 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.744 m η < 0.1	x: 1.861 m η = 0.1	N.P.[5]	x: 0 m η = 25.2	x: 0 m η = 23.3	**CUMPLE η = 25.2**
N855/N853	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 2.4	N.P.[6]	N.P.[2]	x: 1.311 m η = 2.4	x: 0 m η = 0.6	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.311 m η = 4.4	**CUMPLE η = 4.4**
N856/N853	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 26.4	N.P.[2]	x: 1.861 m η = 3.1	x: 0 m η = 2.2	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.861 m η = 0.1	x: 0 m η < 0.1	N.P.[5]	x: 1.861 m η = 32.2	x: 1.861 m η = 29.7	**CUMPLE η = 32.2**
N850/N852	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.7	η = 1.5	N.P.[2]	x: 0 m η = 1.9	x: 0 m η = 2.1	x: 0 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 2.9	x: 0 m η = 4.5	**CUMPLE η = 4.5**
N848/N850	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 1.7	N.P.[2]	x: 0 m η = 4.7	x: 0 m η = 2.3	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.2	x: 0 m η = 0.1	N.P.[5]	x: 0 m η = 7.1	x: 0 m η = 6.6	**CUMPLE η = 7.1**
N846/N857	$w / t \leq (w / t)_{Máx}$ Cumple	η = 1.4	η = 0.3	η = 2.5	x: 0 m η = 8.3	x: 0 m η = 29.1	x: 0.15 m η = 4.7	x: 0 m η = 3.2	x: 0 m η = 9.8	x: 0 m η = 30.6	x: 0 m η = 1.1	x: 0 m η = 9.6	x: 0 m η = 39.4	x: 0 m η = 12.7	x: 0 m η = 35.2	**CUMPLE η = 39.4**
N857/N848	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 1.2	N.P.[2]	x: 0 m η = 6.8	x: 0 m η = 5.1	x: 0 m η = 0.1	x: 1.17 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.5	x: 0 m η = 0.3	N.P.[5]	x: 0 m η = 13.1	x: 0 m η = 12.4	**CUMPLE η = 13.1**
N851/N855	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.3	η = 3.6	N.P.[2]	x: 1.32 m η = 0.7	x: 0 m η = 1.0	x: 0 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 1.32 m η = 5.2	x: 1.32 m η = 5.1	**CUMPLE η = 5.2**
N849/N851	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.4	η = 2.1	N.P.[2]	x: 0.44 m η = 0.9	x: 1.32 m η = 1.3	x: 0 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.44 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	x: 0 m η = 3.6	x: 0 m η = 3.6	**CUMPLE η = 3.6**
N847/N849	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.3	η = 0.9	N.P.[2]	x: 0.66 m η = 1.1	x: 0 m η = 1.8	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.66 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 3.2	x: 0 m η = 3.2	**CUMPLE η = 3.2**
N858/N847	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η < 0.1	N.P.[2]	x: 0.88 m η = 0.8	x: 1.32 m η = 1.1	x: 1.32 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.88 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	x: 1.32 m η = 1.4	x: 1.32 m η = 1.4	**CUMPLE η = 1.4**
N855/N856	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.1	η = 5.5	N.P.[2]	x: 1.32 m η = 2.2	x: 1.32 m η = 1.2	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	x: 1.32 m η = 8.8	x: 1.32 m η = 8.6	**CUMPLE η = 8.8**
N854/N892	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.3	N.P.[6]	η = 1.0	x: 0.768 m η = 23.4	x: 0.768 m η = 34.3	x: 0.768 m η = 1.2	x: 0.768 m η = 1.3	x: 0.768 m η = 24.0	x: 0.768 m η = 34.9	x: 0.768 m η = 5.8	x: 0.768 m η = 12.2	x: 0.768 m η = 62.3	N.P.[7]	x: 0.768 m η = 58.8	**CUMPLE η = 62.3**
N892/N859	$w / t \leq (w / t)_{Máx}$ Cumple	η = 4.2	N.P.[6]	N.P.[2]	x: 0 m η = 18.7	x: 0 m η = 43.6	x: 0 m η = 2.1	x: 0 m η = 2.0	N.P.[3]	N.P.[4]	x: 0 m η = 3.5	x: 0 m η = 19.0	x: 0 m η = 66.5	N.P.[7]	x: 0 m η = 64.7	**CUMPLE η = 66.5**
N859/N860	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.6	N.P.[6]	N.P.[2]	x: 0 m η = 7.9	x: 0 m η = 13.5	x: 1.32 m η = 0.3	x: 1.32 m η = 0.3	N.P.[3]	N.P.[4]	x: 0 m η = 0.6	x: 0 m η = 1.8	x: 0 m η = 23.9	N.P.[7]	x: 0 m η = 17.0	**CUMPLE η = 23.9**
N860/N861	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.4	N.P.[6]	N.P.[2]	x: 0 m η = 1.1	x: 0 m η = 3.1	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 7.5	**CUMPLE η = 7.5**
N861/N862	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.3	N.P.[6]	N.P.[2]	x: 1.32 m η = 0.7	x: 1.32 m η = 1.3	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 5.0	**CUMPLE η = 5.0**
N862/N863	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.4	N.P.[6]	N.P.[2]	x: 1.32 m η = 1.1	x: 1.32 m η = 1.7	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 5.6	**CUMPLE η = 5.6**
N863/N881	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.6	N.P.[6]	N.P.[2]	x: 0 m η = 1.0	x: 0.88 m η = 1.3	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0.88 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.2	**CUMPLE η = 5.2**
N881/N873	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 3.3	N.P.[6]	η = 1.5	x: 0.045 m η = 1.7	x: 0 m η = 5.0	x: 0.045 m η = 2.3	x: 0.045 m η = 2.3	x: 0.045 m η = 2.6	x: 0 m η = 5.9	x: 0 m η = 0.1	x: 0 m η = 0.4	N.P.[5]	N.P.[7]	x: 0 m η = 7.9	**CUMPLE η = 7.9**
N873/N869	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.3	N.P.[6]	N.P.[2]	x: 0.637 m η = 2.8	x: 0 m η = 5.1	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.637 m η = 0.1	x: 0 m η = 0.3	N.P.[5]	N.P.[7]	x: 0 m η = 10.6	**CUMPLE η = 10.6**
N869/N870	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.0	N.P.[6]	N.P.[2]	x: 0 m η = 2.3	x: 1.32 m η = 1.5	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 1.32 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 6.5	**CUMPLE η = 6.5**
N870/N871	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 2.9	N.P.[6]	N.P.[2]	x: 0.22 m η = 0.7	x: 0 m η = 1.6	x: 0 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.22 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.1	**CUMPLE η = 5.1**
N871/N872	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 3.0	N.P.[6]	N.P.[2]	x: 1.32 m η = 2.7	x: 1.32 m η = 1.9	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η = 0.1	x: 1.32 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 7.2	**CUMPLE η = 7.2**
N872/N874	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.3	N.P.[6]	N.P.[2]	x: 0 m η = 3.1	x: 1.32 m η = 11.4	x: 0 m η = 0.2	x: 0 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.1	x: 1.32 m η = 1.3	x: 1.32 m η = 15.5	N.P.[7]	x: 1.32 m η = 13.9	**CUMPLE η = 15.5**
N874/N893	$w / t \leq (w / t)_{Máx}$ Cumple	η = 3.0	N.P.[6]	η = 0.8	x: 0.661 m η = 19.9	x: 0.661 m η = 32.1	x: 0.661 m η = 1.4	x: 0.661 m η = 1.4	x: 0.661 m η = 20.4	x: 0.661 m η = 32.5	x: 0.661 m η = 4.2	x: 0.661 m η = 10.6	x: 0.661 m η = 55.9	N.P.[7]	x: 0.661 m η = 53.0	**CUMPLE η = 55.9**
N893/N882	$w / t \leq (w / t)_{Máx}$ Cumple	η = 4.0	N.P.[6]	N.P.[2]	x: 0 m η = 14.9	x: 0 m η = 36.6	x: 0 m η = 1.4	x: 0 m η = 1.4	N.P.[3]	N.P.[4]	x: 0 m η = 2.2	x: 0 m η = 13.4	x: 0 m η = 55.5	N.P.[7]	x: 0 m η = 54.0	**CUMPLE η = 55.5**
N882/N883	$w / t \leq (w / t)_{Máx}$ Cumple	η = 2.9	N.P.[6]	N.P.[2]	x: 0 m η = 6.4	x: 0 m η = 9.8	x: 1.32 m η = 0.2	x: 1.32 m η = 0.3	N.P.[3]	N.P.[4]	x: 0 m η = 0.4	x: 0 m η = 1.0	x: 0 m η = 19.1	N.P.[7]	x: 0 m η = 12.7	**CUMPLE η = 19.1**
N883/N884	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 2.2	N.P.[6]	N.P.[2]	x: 0 m η = 1.0	x: 0 m η = 2.8	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 5.9	**CUMPLE η = 5.9**
N884/N885	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 1.5	N.P.[6]	N.P.[2]	x: 1.32 m η = 1.6	x: 0.66 m η = 0.9	x: 1.32 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 0.66 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 3.3	**CUMPLE η = 3.3**
N885/N886	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 1.1	N.P.[6]	N.P.[2]	x: 1.32 m η = 2.5	x: 0.88 m η = 1.1	x: 0 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η = 0.1	x: 0.88 m η < 0.1	N.P.[5]	N.P.[7]	x: 1.32 m η = 3.4	**CUMPLE η = 3.4**
N886/N896	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.8	N.P.[6]	N.P.[2]	x: 0.96 m η = 3.5	x: 0.96 m η = 3.1	x: 0.96 m η = 0.1	x: 0.96 m η = 0.1	N.P.[3]	N.P.[4]	x: 0.96 m η = 0.1	x: 0.96 m η = 0.1	N.P.[5]	N.P.[7]	x: 0.96 m η = 6.8	**CUMPLE η = 6.8**
N896/N895	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	η = 1.8	N.P.[6]	η = 2.1	x: 0.15 m η = 12.1	x: 0.15 m η = 29.4	x: 0 m η = 5.3	x: 0.15 m η = 3.6	x: 0.15 m η = 13.3	x: 0.15 m η = 30.6	x: 0.15 m η = 1.9	x: 0.15 m η = 9.7	x: 0.15 m η = 43.4	N.P.[7]	x: 0.15 m η = 38.5	**CUMPLE η = 43.4**
N864/N865	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 9.0	N.P.[2]	x: 1.32 m η = 1.2	x: 0 m η = 2.8	x: 0 m η = 0.1	x: 1.32 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.32 m η < 0.1	x: 0 m η = 0.1	N.P.[5]	x: 0 m η = 12.6	x: 0 m η = 12.6	**CUMPLE η = 12.6**
N865/N866	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 7.8	N.P.[2]	x: 0 m η = 1.9	x: 0 m η = 2.1	x: 0 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 11.8	x: 0 m η = 11.6	**CUMPLE η = 11.8**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N866/N867	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 7.4$	N.P.[2]	x: 0 m $\eta = 0.6$	x: 0 m $\eta = 0.8$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 8.5$	x: 0 m $\eta = 8.5$	**CUMPLE $\eta = 8.5$**
N867/N868	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 7.2$	N.P.[2]	x: 0 m $\eta = 0.7$	x: 0 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 9.0$	x: 0 m $\eta = 8.9$	**CUMPLE $\eta = 9.0$**
N868/N880	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 7.4$	N.P.[2]	x: 1.32 m $\eta = 0.5$	x: 1.32 m $\eta = 1.0$	x: 1.32 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 1.32 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 8.7$	x: 0 m $\eta = 8.7$	**CUMPLE $\eta = 8.7$**
N880/N875	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 7.9$	N.P.[2]	x: 0.88 m $\eta = 0.8$	x: 0 m $\eta = 1.5$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.88 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 9.7$	x: 0 m $\eta = 9.7$	**CUMPLE $\eta = 9.7$**
N875/N876	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 7.1$	N.P.[2]	x: 0.66 m $\eta = 0.9$	x: 0 m $\eta = 1.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.66 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 9.0$	x: 0 m $\eta = 9.0$	**CUMPLE $\eta = 9.0$**
N876/N877	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 6.6$	N.P.[2]	x: 0 m $\eta = 0.4$	x: 0 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 7.9$	x: 0 m $\eta = 7.9$	**CUMPLE $\eta = 7.9$**
N877/N878	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 6.4$	N.P.[2]	x: 1.32 m $\eta = 0.6$	x: 0 m $\eta = 0.9$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 7.5$	x: 0 m $\eta = 7.5$	**CUMPLE $\eta = 7.5$**
N878/N879	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 6.5$	N.P.[2]	x: 1.32 m $\eta = 1.8$	x: 1.32 m $\eta = 1.0$	x: 1.32 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 1.32 m $\eta < 0.1$	N.P.[5]	x: 1.32 m $\eta = 9.3$	x: 1.32 m $\eta = 9.1$	**CUMPLE $\eta = 9.3$**
N879/N887	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 7.3$	N.P.[2]	x: 0 m $\eta = 1.4$	x: 1.32 m $\eta = 1.5$	x: 1.32 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 1.32 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 9.0$	x: 1.32 m $\eta = 8.6$	**CUMPLE $\eta = 9.0$**
N887/N888	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	$\eta = 6.5$	N.P.[2]	x: 1.32 m $\eta = 1.0$	x: 0 m $\eta = 2.3$	x: 0 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 0 m $\eta = 0.1$	N.P.[5]	x: 0 m $\eta = 9.3$	x: 0 m $\eta = 9.2$	**CUMPLE $\eta = 9.3$**
N888/N889	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	$\eta = 4.3$	N.P.[2]	x: 0 m $\eta = 1.6$	x: 0 m $\eta = 1.8$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 7.7$	x: 0 m $\eta = 7.6$	**CUMPLE $\eta = 7.7$**
N889/N890	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.4$	$\eta = 2.7$	N.P.[2]	x: 1.32 m $\eta = 0.8$	x: 0.66 m $\eta = 0.8$	x: 1.32 m $\eta = 0.1$	x: 1.32 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.32 m $\eta < 0.1$	x: 0.66 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 4.1$	x: 0 m $\eta = 4.0$	**CUMPLE $\eta = 4.1$**
N890/N891	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.5$	$\eta = 1.5$	N.P.[2]	x: 0 m $\eta = 1.0$	x: 0 m $\eta = 0.9$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 3.3$	x: 0 m $\eta = 3.2$	**CUMPLE $\eta = 3.3$**
N891/N894	$w / t \leq (w / t)_{Máx}$ Cumple	$\eta = 0.3$	$\eta = 0.4$	N.P.[2]	x: 0 m $\eta = 0.9$	x: 0 m $\eta = 1.1$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 2.5$	x: 0 m $\eta = 2.4$	**CUMPLE $\eta = 2.5$**
N865/N859	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 2.0$	N.P.[6]	N.P.[2]	x: 1.861 m $\eta = 16.9$	x: 1.861 m $\eta = 3.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.3$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 2.9$	x: 1.861 m $\eta = 0.1$	N.P.[5]	N.P.[7]	x: 1.861 m $\eta = 15.8$	**CUMPLE $\eta = 16.9$**
N865/N860	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 3.7$	N.P.[2]	x: 1.311 m $\eta = 3.3$	x: 0 m $\eta = 3.6$	$\eta = 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[5]	x: 0 m $\eta = 9.5$	x: 0 m $\eta = 9.1$	**CUMPLE $\eta = 9.5$**
N866/N860	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 0.7$	N.P.[6]	N.P.[2]	x: 1.861 m $\eta = 4.4$	x: 1.861 m $\eta = 1.5$	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 0.2$	x: 1.861 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.861 m $\eta = 5.9$	**CUMPLE $\eta = 5.9$**
N866/N861	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta = 0.2$	x: 0 m $\eta = 1.3$	N.P.[2]	x: 1.311 m $\eta = 0.3$	x: 1.311 m $\eta = 0.5$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta < 0.1$	x: 1.311 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 2.0$	x: 1.311 m $\eta = 1.9$	**CUMPLE $\eta = 2.0$**
N867/N861	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 0.3$	x: 0 m $\eta = 3.5$	N.P.[2]	x: 1.861 m $\eta = 1.0$	x: 0 m $\eta = 1.4$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 5.8$	x: 0 m $\eta = 5.6$	**CUMPLE $\eta = 5.8$**
N867/N862	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta = 0.6$	x: 0 m $\eta = 0.1$	N.P.[2]	x: 1.311 m $\eta = 0.5$	x: 0.874 m $\eta = 0.3$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta < 0.1$	x: 0.874 m $\eta < 0.1$	N.P.[5]	x: 0.874 m $\eta = 0.4$	x: 0.874 m $\eta = 1.0$	**CUMPLE $\eta = 1.0$**
N868/N862	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 7.9$	N.P.[2]	x: 1.861 m $\eta = 1.4$	x: 1.861 m $\eta = 1.2$	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta < 0.1$	x: 1.861 m $\eta < 0.1$	N.P.[5]	x: 1.861 m $\eta = 10.2$	x: 1.861 m $\eta = 9.9$	**CUMPLE $\eta = 10.2$**
N876/N869	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 1.5$	N.P.[6]	N.P.[2]	x: 1.116 m $\eta = 1.1$	x: 0 m $\eta = 1.7$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.116 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 3.6$	**CUMPLE $\eta = 3.6$**
N876/N870	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 2.7$	N.P.[2]	x: 1.311 m $\eta = 0.4$	x: 1.093 m $\eta = 0.4$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta < 0.1$	x: 1.093 m $\eta < 0.1$	N.P.[5]	x: 1.311 m $\eta = 3.0$	x: 1.311 m $\eta = 3.0$	**CUMPLE $\eta = 3.0$**
N877/N870	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 0.8$	N.P.[6]	N.P.[2]	x: 0.93 m $\eta = 0.8$	x: 1.861 m $\eta = 1.7$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 1.861 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 2.7$	**CUMPLE $\eta = 2.7$**
N877/N871	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta < 0.1$	x: 0 m $\eta = 1.1$	N.P.[2]	x: 0 m $\eta = 0.6$	x: 0.219 m $\eta = 0.5$	N.P.[8]	N.P.[9]	N.P.[3]	N.P.[4]	N.P.[10]	N.P.[11]	N.P.[5]	x: 0.219 m $\eta = 0.9$	N.P.[12]	**CUMPLE $\eta = 1.1$**
N878/N871	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 0.2$	x: 0 m $\eta = 1.5$	N.P.[2]	x: 0.744 m $\eta = 1.1$	x: 1.861 m $\eta = 1.8$	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0.744 m $\eta < 0.1$	x: 1.861 m $\eta < 0.1$	N.P.[5]	x: 1.861 m $\eta = 3.3$	x: 1.861 m $\eta = 3.2$	**CUMPLE $\eta = 3.3$**
N878/N872	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta = 0.3$	N.P.[6]	N.P.[2]	x: 1.311 m $\eta = 2.6$	x: 1.311 m $\eta = 1.0$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta = 0.1$	x: 1.311 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.311 m $\eta = 3.5$	**CUMPLE $\eta = 3.5$**
N879/N872	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 7.5$	N.P.[2]	x: 1.675 m $\eta = 2.7$	x: 0 m $\eta = 2.2$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.675 m $\eta = 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 1.861 m $\eta = 10.7$	x: 0 m $\eta = 10.2$	**CUMPLE $\eta = 10.7$**
N875/N869	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 4.0$	N.P.[2]	x: 1.311 m $\eta = 1.1$	x: 0 m $\eta = 0.8$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta < 0.1$	x: 0 m $\eta < 0.1$	N.P.[5]	x: 1.311 m $\eta = 5.5$	x: 1.311 m $\eta = 5.3$	**CUMPLE $\eta = 5.5$**
N875/N881	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 2.0$	N.P.[6]	N.P.[2]	x: 1.861 m $\eta = 6.0$	x: 1.861 m $\eta = 2.0$	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 0.4$	x: 1.861 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.861 m $\eta = 7.2$	**CUMPLE $\eta = 7.2$**
N888/N882	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 3.7$	N.P.[6]	N.P.[2]	x: 1.861 m $\eta = 13.5$	x: 0 m $\eta = 2.9$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.3$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 1.8$	x: 0 m $\eta = 0.1$	N.P.[5]	N.P.[7]	x: 1.861 m $\eta = 13.4$	**CUMPLE $\eta = 13.5$**
N888/N883	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 7.8$	N.P.[2]	x: 0.219 m $\eta = 1.8$	x: 0 m $\eta = 2.3$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 0.219 m $\eta < 0.1$	x: 0 m $\eta = 0.1$	N.P.[5]	x: 0 m $\eta = 11.8$	x: 0 m $\eta = 11.5$	**CUMPLE $\eta = 11.8$**
N889/N883	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 2.6$	N.P.[6]	N.P.[2]	x: 1.861 m $\eta = 2.5$	x: 1.861 m $\eta = 2.2$	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.861 m $\eta = 0.1$	x: 1.861 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.861 m $\eta = 6.6$	**CUMPLE $\eta = 6.6$**
N889/N884	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m $\eta = 5.6$	N.P.[2]	x: 1.311 m $\eta = 0.9$	x: 0.219 m $\eta = 1.0$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta < 0.1$	x: 0.219 m $\eta < 0.1$	N.P.[5]	x: 1.311 m $\eta = 7.0$	x: 1.311 m $\eta = 6.8$	**CUMPLE $\eta = 7.0$**
N890/N884	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 2.2$	N.P.[6]	N.P.[2]	x: 0.93 m $\eta = 1.1$	x: 1.861 m $\eta = 1.5$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 1.116 m $\eta < 0.1$	x: 1.861 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 0 m $\eta = 4.1$	**CUMPLE $\eta = 4.1$**
N890/N885	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta = 0.2$	x: 0 m $\eta = 4.4$	N.P.[2]	x: 0 m $\eta = 0.5$	x: 0.874 m $\eta = 0.3$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 0.437 m $\eta < 0.1$	x: 0.874 m $\eta < 0.1$	N.P.[5]	x: 0.874 m $\eta = 4.8$	x: 0.437 m $\eta = 4.7$	**CUMPLE $\eta = 4.8$**
N891/N885	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m $\eta = 1.6$	x: 0 m $\eta = 4.4$	N.P.[2]	x: 0 m $\eta = 1.4$	x: 1.861 m $\eta = 1.5$	x: 0 m $\eta = 0.1$	x: 0 m $\eta = 0.1$	N.P.[3]	N.P.[4]	x: 0 m $\eta < 0.1$	x: 1.861 m $\eta < 0.1$	N.P.[5]	x: 0 m $\eta = 6.3$	x: 0 m $\eta = 6.2$	**CUMPLE $\eta = 6.3$**
N858/N846	x: 1.093 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta = 0.1$	N.P.[6]	N.P.[2]	x: 1.311 m $\eta = 2.7$	x: 1.311 m $\eta = 1.9$	$\eta < 0.1$	$\eta < 0.1$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta = 0.1$	x: 1.311 m $\eta < 0.1$	N.P.[5]	N.P.[7]	x: 1.311 m $\eta = 4.3$	**CUMPLE $\eta = 4.3$**
N864/N859	x: 0.437 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m $\eta = 1.6$	N.P.[6]	N.P.[2]	x: 1.311 m $\eta = 16.2$	x: 1.311 m $\eta = 10.5$	$\eta = 0.2$	$\eta = 0.3$	N.P.[3]	N.P.[4]	x: 1.311 m $\eta = 2.6$	x: 1.311 m $\eta = 1.1$	N.P.[5]	N.P.[7]	x: 1.311 m $\eta = 25.4$	**CUMPLE $\eta = 25.4$**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_w	M_z	V_w	V_z	M_wTr	M_zTr	M_wV_z	M_zV_w	MT	MP	TPTrMV	
N864/N854	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 13.3	N.P.[2]	x: 1.861 m η = 15.5	x: 1.861 m η = 4.8	x: 1.861 m η = 0.1	x: 1.861 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.861 m η = 2.4	x: 1.861 m η = 0.2	N.P.[5]	x: 1.861 m η = 33.3	x: 1.861 m η = 30.8	**CUMPLE η = 33.3**
N856/N854	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 3.1	N.P.[6]	N.P.[2]	x: 1.311 m η = 14.2	x: 1.311 m η = 7.3	η = 0.1	η = 0.3	N.P.[3]	N.P.[4]	x: 1.311 m η = 2.0	x: 1.311 m η = 0.5	N.P.[5]	N.P.[7]	x: 1.311 m η = 15.9	**CUMPLE η = 15.9**
N856/N864	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 7.9	N.P.[2]	x: 0 m η = 1.6	x: 1.32 m η = 1.3	x: 1.32 m η = 0.1	x: 0 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 1.32 m η < 0.1	N.P.[5]	x: 0 m η = 10.2	x: 1.32 m η = 9.5	**CUMPLE η = 10.2**
N868/N863	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 1.1	N.P.[6]	N.P.[2]	x: 0 m η = 0.2	x: 0 m η = 0.4	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 1.6	**CUMPLE η = 1.6**
N880/N881	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 1.6	N.P.[6]	N.P.[2]	x: 1.311 m η = 3.2	x: 0 m η = 1.1	η < 0.1	η = 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η = 0.1	x: 0 m η < 0.1	N.P.[5]	N.P.[7]	x: 0 m η = 3.0	**CUMPLE η = 3.2**
N880/N863	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 12.5	N.P.[2]	x: 0 m η = 1.7	x: 0 m η = 1.4	x: 0 m η = 0.1	x: 1.861 m η = 0.1	N.P.[3]	N.P.[4]	x: 0 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 14.4	x: 0 m η = 14.3	**CUMPLE η = 14.4**
N879/N874	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 1.1	N.P.[6]	N.P.[2]	x: 1.311 m η = 13.8	x: 1.311 m η = 6.7	η = 0.1	η = 0.3	N.P.[3]	N.P.[4]	x: 1.311 m η = 1.9	x: 1.311 m η = 0.5	N.P.[5]	N.P.[7]	x: 1.311 m η = 17.0	**CUMPLE η = 17.0**
N887/N874	x: 0 m $w / t \leq (w / t)_{Máx}$ Cumple	x: 1.861 m η = 1.1	N.P.[6]	N.P.[2]	x: 1.861 m η = 15.5	x: 1.861 m η = 4.4	x: 1.861 m η = 0.1	x: 1.861 m η = 0.2	N.P.[3]	N.P.[4]	x: 1.861 m η = 2.4	x: 1.861 m η = 0.2	N.P.[5]	N.P.[7]	x: 1.861 m η = 18.6	**CUMPLE η = 18.6**
N887/N882	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	x: 0 m η = 2.1	N.P.[2]	x: 1.311 m η = 13.3	x: 1.311 m η = 8.4	η = 0.1	η = 0.3	N.P.[3]	N.P.[4]	x: 1.311 m η = 1.8	x: 1.311 m η = 0.7	N.P.[5]	x: 1.311 m η = 23.7	x: 1.311 m η = 21.3	**CUMPLE η = 23.7**
N891/N886	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 0.7	x: 0 m η = 3.0	N.P.[2]	x: 1.311 m η = 1.6	x: 1.311 m η = 0.7	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 1.311 m η < 0.1	N.P.[5]	x: 1.311 m η = 4.0	x: 1.311 m η = 3.9	**CUMPLE η = 4.0**
N894/N895	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.311 m η = 0.9	x: 0 m η = 2.2	N.P.[2]	x: 1.311 m η = 1.6	x: 0 m η = 1.6	η < 0.1	η < 0.1	N.P.[3]	N.P.[4]	x: 1.311 m η < 0.1	x: 0 m η < 0.1	N.P.[5]	x: 0 m η = 4.8	x: 0 m η = 4.6	**CUMPLE η = 4.8**
N894/N886	$w / t \leq (w / t)_{Máx}$ Cumple	x: 1.718 m η = 1.0	x: 0 m η = 6.0	N.P.[2]	x: 1.718 m η = 2.3	x: 1.718 m η = 1.6	x: 1.718 m η = 0.1	x: 1.718 m η = 0.1	N.P.[3]	N.P.[4]	x: 1.718 m η = 0.1	x: 1.718 m η < 0.1	N.P.[5]	x: 1.718 m η = 9.5	x: 1.718 m η = 9.1	**CUMPLE η = 9.5**
N335/N334	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.6	η = 12.4	x: 0.505 m η = 33.7	x: 0 m η = 22.4	x: 0.505 m η = 0.9	x: 0 m η = 1.8	x: 0.505 m η = 41.1	x: 0 m η = 29.9	x: 0.505 m η = 16.9	x: 0 m η = 8.9	N.P.[5]	x: 0.505 m η = 51.5	x: 0.505 m η = 36.0	**CUMPLE η = 51.5**
N435/N434	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 1.6	η = 8.8	x: 0.505 m η = 17.9	x: 0.505 m η = 40.4	x: 0 m η = 0.5	x: 0.505 m η = 2.4	x: 0.505 m η = 23.2	x: 0.505 m η = 45.7	x: 0.505 m η = 5.5	x: 0.505 m η = 20.9	N.P.[5]	x: 0.505 m η = 70.6	x: 0.505 m η = 57.7	**CUMPLE η = 70.6**
N147/N142	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 22.7	η = 0.4	x: 0 m η = 16.3	x: 0.523 m η = 34.8	x: 0 m η = 1.9	x: 0 m η = 2.1	x: 0 m η = 16.3	x: 0.523 m η = 34.8	x: 0 m η = 2.7	x: 0.523 m η = 12.1	N.P.[5]	x: 0.523 m η = 66.4	x: 0 m η = 56.8	**CUMPLE η = 66.4**
N142/N115	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 55.5	η = 0.6	x: 1.5 m η = 11.7	x: 1.5 m η = 9.9	x: 0 m η = 0.2	x: 0 m η = 0.7	x: 1.5 m η = 12.0	x: 1.5 m η = 10.3	x: 1.5 m η = 1.4	x: 1.5 m η = 1.1	N.P.[5]	x: 1.5 m η = 80.1	x: 0 m η = 66.5	**CUMPLE η = 80.1**
N148/N147	$w / t \leq (w / t)_{Máx}$ Cumple	η < 0.1	N.P.[6]	η = 1.8	x: 0.505 m η = 6.9	x: 0.505 m η = 16.5	x: 0.505 m η = 0.7	x: 0.505 m η = 0.7	x: 0.505 m η = 7.9	x: 0.505 m η = 17.5	x: 0.505 m η = 0.6	x: 0.505 m η = 3.1	x: 0.505 m η = 25.5	N.P.[7]	x: 0.505 m η = 22.5	**CUMPLE η = 25.5**
N84/N83	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.7	η = 3.6	x: 0.505 m η = 37.6	x: 0 m η = 27.7	x: 0.505 m η = 1.7	x: 0.505 m η = 4.7	x: 0.505 m η = 39.8	x: 0 m η = 29.9	x: 0.505 m η = 16.1	x: 0 m η = 9.0	N.P.[5]	x: 0.505 m η = 60.0	x: 0.505 m η = 52.8	**CUMPLE η = 60.0**
N574/N591	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 26.7	η = 0.4	x: 0 m η = 6.1	x: 0 m η = 39.6	x: 0 m η = 0.8	x: 0 m η = 0.2	x: 0 m η = 6.3	x: 0 m η = 39.9	x: 0 m η = 0.4	x: 0 m η = 15.9	N.P.[5]	x: 0 m η = 76.1	x: 0 m η = 71.6	**CUMPLE η = 76.1**
N646/N663	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 19.0	N.P.[2]	x: 0 m η = 6.6	x: 0 m η = 29.2	x: 0 m η = 0.6	x: 1.5 m η = 0.2	N.P.[3]	N.P.[4]	x: 0 m η = 0.4	x: 0 m η = 8.5	N.P.[5]	x: 0 m η = 56.5	x: 0 m η = 54.0	**CUMPLE η = 56.5**
N718/N735	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 8.7	η = 0.3	x: 0 m η = 27.8	x: 0 m η = 42.2	x: 0 m η = 0.7	x: 1.5 m η = 0.7	x: 0 m η = 28.0	x: 0 m η = 42.3	x: 0 m η = 7.8	x: 0 m η = 17.9	N.P.[5]	x: 0 m η = 78.9	x: 0 m η = 75.2	**CUMPLE η = 78.9**
N78/N51	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 15.6	η = 0.3	x: 0 m η = 57.7	x: 0 m η = 24.5	x: 1.5 m η = 0.3	x: 0 m η = 1.9	x: 0 m η = 57.9	x: 0 m η = 24.7	x: 0 m η = 33.6	x: 0 m η = 6.1	N.P.[5]	x: 0 m η = 99.9	x: 0 m η = 60.6	**CUMPLE η = 99.9**

Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_x	M_y	V_x	V_y	M_xTr	M_yTr	M_xV_y	M_yV_x	MT	MP	TPTrMV	
N339/N451	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.1	N.P.[6]	η = 10.4	x: 0 m η = 1.3	x: 0.15 m η = 15.4	η = 31.9	x: 0 m η = 0.9	x: 0 m η = 7.3	x: 0.15 m η = 21.3	x: 0 m η = 0.5	x: 0.15 m η = 14.7	x: 0 m η = 27.5	N.P.[7]	η = 23.7	**CUMPLE η = 31.9**
N451/N338	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.9	η = 0.4	x: 7.068 m η = 5.8	x: 0 m η = 3.2	η = 0.1	x: 7.068 m η = 0.4	x: 7.068 m η = 6.0	x: 0 m η = 3.2	x: 7.068 m η = 0.4	x: 0 m η = 0.1	N.P.[5]	x: 7.068 m η = 8.6	x: 7.068 m η = 7.7	**CUMPLE η = 8.6**
N338/N522	$w / t \leq (w / t)_{Máx}$ Cumple	η < 0.1	η = 0.4	η = 11.4	x: 0 m η = 6.1	x: 0 m η = 16.1	η = 30.5	x: 0 m η = 0.6	x: 0 m η = 11.7	x: 0 m η = 22.6	x: 0 m η = 1.4	x: 0 m η = 14.4	x: 0 m η = 17.8	x: 0 m η = 34.7	η = 24.1	**CUMPLE η = 34.7**
N522/N337	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 3.2	η = 0.3	x: 7.048 m η = 9.9	x: 0 m η = 7.9	η = 0.4	x: 7.048 m η = 0.4	x: 7.048 m η = 10.1	x: 0 m η = 8.0	x: 7.048 m η = 1.0	x: 0 m η = 0.6	N.P.[5]	x: 7.048 m η = 21.2	x: 7.048 m η = 20.0	**CUMPLE η = 21.2**
N337/N594	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.9	η = 8.4	x: 0 m η = 9.8	x: 0 m η = 19.4	η = 29.4	x: 0 m η = 8.0	x: 0 m η = 14.5	x: 0 m η = 24.1	x: 0 m η = 2.8	x: 0 m η = 14.5	N.P.[5]	x: 0 m η = 39.6	x: 0 m η = 29.0	**CUMPLE η = 39.6**
N594/N126	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 4.1	η = 0.3	x: 7.066 m η = 9.6	x: 0 m η = 3.6	η = 0.2	x: 7.066 m η = 0.5	x: 7.066 m η = 9.6	x: 0 m η = 3.8	x: 7.066 m η = 0.9	x: 0 m η = 0.1	N.P.[5]	x: 7.066 m η = 16.1	x: 7.066 m η = 15.1	**CUMPLE η = 16.1**
N126/N666	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.8	η = 9.5	x: 0.15 m η = 9.6	x: 0.15 m η = 8.6	η = 11.1	x: 0.15 m η = 4.1	x: 0.15 m η = 15.0	x: 0.15 m η = 14.0	x: 0.15 m η = 2.4	x: 0.15 m η = 3.2	N.P.[5]	x: 0.15 m η = 29.9	x: 0.15 m η = 18.2	**CUMPLE η = 29.9**
N666/N738	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 3.1	η = 0.8	x: 0 m η = 7.9	x: 0 m η = 8.6	η = 0.4	x: 0 m η = 0.4	x: 0 m η = 8.4	x: 0 m η = 9.1	x: 0 m η = 0.7	x: 0 m η = 0.8	N.P.[5]	x: 0 m η = 20.5	x: 0 m η = 18.9	**CUMPLE η = 20.5**
N738/N62	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.7	η = 9.3	x: 0.15 m η = 7.5	x: 0.15 m η = 14.9	η = 24.6	x: 0.15 m η = 5.5	x: 0.15 m η = 12.8	x: 0.15 m η = 20.2	x: 0.15 m η = 1.9	x: 0.15 m η = 10.1	N.P.[5]	x: 0.15 m η = 33.7	x: 0.15 m η = 22.3	**CUMPLE η = 33.7**
N127/N662	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.5	η = 2.2	x: 0 m η = 30.4	x: 0.15 m η = 24.1	η = 41.1	x: 0 m η = 26.4	x: 0 m η = 31.7	x: 0.15 m η = 25.4	x: 0 m η = 17.0	x: 0.15 m η = 23.4	N.P.[5]	x: 0 m η = 47.6	x: 0 m η = 42.8	**CUMPLE η = 47.6**
N662/N734	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 3.5	η = 0.4	x: 3.449 m η = 8.8	x: 6.899 m η = 9.2	η = 0.4	x: 0 m η = 0.4	x: 3.449 m η = 9.0	x: 6.899 m η = 9.5	x: 3.449 m η = 0.8	x: 6.899 m η = 0.9	N.P.[5]	x: 5.605 m η = 15.8	x: 0.862 m η = 14.7	**CUMPLE η = 15.8**
N734/N63	$w / t \leq (w / t)_{Máx}$ Cumple	N.P.[1]	η = 0.4	η = 4.3	x: 0 m η = 24.6	x: 0 m η = 25.5	η = 52.6	x: 0.15 m η = 23.5	x: 0 m η = 27.0	x: 0 m η = 28.0	x: 0 m η = 12.8	x: 0 m η = 35.5	N.P.[5]	x: 0 m η = 55.4	x: 0 m η = 48.3	**CUMPLE η = 55.4**
N314/N448	$w / t \leq (w / t)_{Máx}$ Cumple	η < 0.1	η = 0.2	η = 9.8	x: 0.15 m η = 29.1	x: 0.15 m η = 27.8	η = 36.8	x: 0 m η = 9.8	x: 0.15 m η = 34.7	x: 0.15 m η = 33.4	x: 0.15 m η = 13.0	x: 0.15 m η = 24.6	x: 0.15 m η = 68.1	x: 0.15 m η = 37.0	x: 0.15 m η = 54.3	**CUMPLE η = 68.1**
N448/N252	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.4	N.P.[6]	η = 0.5	x: 7.068 m η = 39.2	x: 7.068 m η = 1.5	η = 0.1	x: 7.068 m η = 1.1	x: 7.068 m η = 39.5	x: 7.068 m η = 1.6	x: 7.068 m η = 15.6	x: 7.068 m η < 0.1	x: 7.068 m η = 41.5	N.P.[7]	x: 7.068 m η = 40.6	**CUMPLE η = 41.5**
N252/N519	$w / t \leq (w / t)_{Máx}$ Cumple	η = 0.1	η = 0.1	η = 12.6	x: 0 m η = 50.5	x: 0.15 m η = 24.1	η = 30.5	x: 0 m η = 46.6	x: 0 m η = 57.7	x: 0.15 m η = 31.2	x: 0 m η = 55.0	x: 0.15 m η = 19.1	x: 0.15 m η = 76.6	x: 0 m η = 40.8	x: 0.15 m η = 59.2	**CUMPLE η = 76.6**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_x	M_y	V_x	V_y	M_xTr	M_yTr	M_xV_y	M_yV_x	MT	MP	TPTrMV	
N519/N190	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.6	η = 0.3	x: 7.048 m η = 25.1	x: 7.048 m η = 7.7	η = 0.3	x: 7.048 m η = 0.9	x: 7.048 m η = 25.2	x: 7.048 m η = 7.8	x: 7.048 m η = 6.4	x: 7.048 m η = 0.6	N.P.[5]	x: 7.048 m η = 33.4	x: 7.048 m η = 31.5	**CUMPLE η = 33.4**
N190/N590	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 3.2	x: 0.15 m η = 25.6	x: 0.15 m η = 20.6	η = 36.7	x: 0 m η = 25.8	x: 0.15 m η = 27.4	x: 0.15 m η = 22.5	x: 0.15 m η = 14.2	x: 0.15 m η = 18.5	N.P.[5]	x: 0.15 m η = 49.9	x: 0.15 m η = 44.0	**CUMPLE η = 49.9**
N590/N127	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 2.1	η = 0.1	x: 7.066 m η = 25.6	x: 0 m η = 3.4	η = 0.2	x: 7.066 m η = 0.8	x: 7.066 m η = 25.6	x: 0 m η = 3.4	x: 7.066 m η = 6.6	x: 0 m η = 0.1	N.P.[5]	x: 7.066 m η = 30.9	x: 7.066 m η = 30.0	**CUMPLE η = 30.9**
N128/N652	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.2	η = 4.6	x: 0 m η = 21.1	x: 0.15 m η = 18.8	η = 35.8	x: 0 m η = 11.2	x: 0 m η = 23.7	x: 0.15 m η = 21.4	x: 0 m η = 6.9	x: 0.15 m η = 17.4	N.P.[5]	x: 0 m η = 40.9	x: 0 m η = 33.9	**CUMPLE η = 40.9**
N652/N724	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.7	η = 0.6	x: 3.881 m η = 7.8	x: 0 m η = 9.9	η = 0.4	x: 0 m η = 0.4	x: 3.881 m η = 8.2	x: 0 m η = 10.2	x: 3.881 m η = 0.7	x: 0 m η = 1.0	N.P.[5]	x: 6.468 m η = 13.6	x: 6.468 m η = 12.6	**CUMPLE η = 13.6**
N724/N64	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 9.1	x: 0 m η = 8.3	x: 0.15 m η = 17.3	η = 37.3	x: 0.15 m η = 6.6	x: 0 m η = 13.4	x: 0.15 m η = 22.5	x: 0 m η = 2.2	x: 0.15 m η = 19.0	N.P.[5]	x: 0 m η = 36.0	x: 0.15 m η = 24.8	**CUMPLE η = 37.3**
N315/N438	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.3	N.P.[6]	η = 0.2	x: 0.15 m η = 8.1	x: 0.15 m η = 9.6	η = 7.8	x: 0 m η = 1.7	x: 0.15 m η = 8.2	x: 0.15 m η = 9.7	x: 0.15 m η = 0.7	x: 0.15 m η = 1.6	x: 0.15 m η = 18.2	N.P.[7]	x: 0.15 m η = 17.2	**CUMPLE η = 18.2**
N438/N253	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.9	η = 1.6	x: 7.068 m η = 21.7	x: 7.068 m η = 3.7	η = 0.2	x: 7.068 m η = 0.7	x: 7.068 m η = 22.6	x: 7.068 m η = 4.6	x: 7.068 m η = 5.1	x: 7.068 m η = 0.2	N.P.[5]	x: 7.068 m η = 28.1	x: 7.068 m η = 25.3	**CUMPLE η = 28.1**
N253/N509	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 0.8	x: 0 m η = 18.9	x: 0.15 m η = 14.5	η = 20.6	x: 0 m η = 10.6	x: 0 m η = 19.4	x: 0.15 m η = 14.9	x: 0 m η = 4.9	x: 0.15 m η = 6.5	x: 0 m η = 14.3	x: 0 m η = 24.4	x: 0 m η = 22.6	**CUMPLE η = 24.4**
N509/N191	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 0.2	x: 7.048 m η = 11.7	x: 7.048 m η = 9.4	η = 0.4	x: 7.048 m η = 0.5	x: 7.048 m η = 11.8	x: 7.048 m η = 9.5	x: 7.048 m η = 1.4	x: 7.048 m η = 0.9	N.P.[5]	x: 7.048 m η = 21.4	x: 7.048 m η = 20.2	**CUMPLE η = 21.4**
N191/N580	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 1.9	x: 0 m η = 11.7	x: 0 m η = 13.1	η = 26.2	x: 0 m η = 9.1	x: 0 m η = 12.8	x: 0 m η = 14.2	x: 0 m η = 2.5	x: 0 m η = 8.9	N.P.[5]	x: 0 m η = 27.0	x: 0 m η = 23.7	**CUMPLE η = 27.0**
N580/N128	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.4	N.P.[2]	x: 7.066 m η = 19.7	x: 0 m η = 5.1	η = 0.2	x: 7.066 m η = 0.6	N.P.[13]	N.P.[14]	x: 7.066 m η = 3.9	x: 0 m η = 0.3	N.P.[5]	x: 7.066 m η = 25.1	x: 7.066 m η = 24.0	**CUMPLE η = 25.1**
N129/N654	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 3.1	x: 0 m η = 16.8	x: 0.15 m η = 16.6	η = 30.0	x: 0 m η = 7.1	x: 0 m η = 18.6	x: 0.15 m η = 18.4	x: 0 m η = 4.0	x: 0.15 m η = 12.4	N.P.[5]	x: 0 m η = 31.8	x: 0 m η = 26.8	**CUMPLE η = 31.8**
N654/N726	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.3	η = 0.6	x: 4.312 m η = 6.5	x: 0 m η = 9.5	η = 0.4	x: 0 m η = 0.4	x: 4.312 m η = 6.8	x: 0 m η = 9.9	x: 4.312 m η = 0.5	x: 0 m η = 1.0	N.P.[5]	x: 0 m η = 14.0	x: 0 m η = 13.0	**CUMPLE η = 14.0**
N726/N65	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 6.7	x: 0 m η = 5.0	x: 0.15 m η = 14.8	η = 30.4	x: 0.15 m η = 3.6	x: 0 m η = 8.8	x: 0.15 m η = 18.6	x: 0 m η = 0.9	x: 0.15 m η = 12.7	x: 0 m η = 6.2	x: 0 m η = 26.1	x: 0.15 m η = 19.4	**CUMPLE η = 30.4**
N316/N440	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.2	η = 1.4	x: 0 m η = 2.3	x: 0.15 m η = 3.9	η = 6.3	x: 0 m η = 1.7	x: 0 m η = 3.1	x: 0.15 m η = 4.7	x: 0 m η = 0.1	x: 0.15 m η = 0.6	N.P.[5]	x: 0.15 m η = 6.5	x: 0.15 m η = 4.8	**CUMPLE η = 6.5**
N440/N254	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.7	η = 1.2	x: 7.068 m η = 13.8	x: 0 m η = 3.6	η = 0.2	x: 7.068 m η = 0.5	x: 7.068 m η = 14.5	x: 0 m η = 4.3	x: 7.068 m η = 2.1	x: 0 m η = 0.2	N.P.[5]	x: 7.068 m η = 19.2	x: 7.068 m η = 17.1	**CUMPLE η = 19.2**
N254/N511	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 0.4	x: 0 m η = 11.8	x: 0.15 m η = 9.6	η = 13.5	x: 0 m η = 4.0	x: 0 m η = 12.0	x: 0.15 m η = 9.8	x: 0 m η = 1.6	x: 0.15 m η = 2.8	N.P.[5]	x: 0 m η = 15.3	x: 0 m η = 14.3	**CUMPLE η = 15.3**
N511/N192	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.5	η = 0.1	x: 7.048 m η = 6.8	x: 7.048 m η = 8.9	η = 0.4	x: 7.048 m η = 0.4	x: 7.048 m η = 6.9	x: 7.048 m η = 8.9	x: 7.048 m η = 0.5	x: 7.048 m η = 0.8	N.P.[5]	x: 7.048 m η = 16.3	x: 7.048 m η = 15.5	**CUMPLE η = 16.3**
N192/N582	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 0.8	x: 0 m η = 6.3	x: 0 m η = 9.3	η = 18.7	x: 0 m η = 4.5	x: 0 m η = 6.7	x: 0 m η = 9.8	x: 0 m η = 0.7	x: 0 m η = 4.5	N.P.[5]	x: 0 m η = 16.7	x: 0 m η = 15.1	**CUMPLE η = 18.7**
N582/N129	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.4	N.P.[2]	x: 7.066 m η = 16.6	x: 0 m η = 4.6	η = 0.2	x: 7.066 m η = 0.5	N.P.[13]	N.P.[14]	x: 7.066 m η = 2.8	x: 0 m η = 0.2	N.P.[5]	x: 7.066 m η = 21.6	x: 7.066 m η = 20.6	**CUMPLE η = 21.6**
N130/N669	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 2.4	x: 0 m η = 14.0	x: 0.15 m η = 14.3	η = 24.9	x: 0 m η = 4.2	x: 0 m η = 15.4	x: 0.15 m η = 15.7	x: 0 m η = 2.5	x: 0.15 m η = 8.7	N.P.[5]	x: 0 m η = 25.6	x: 0 m η = 21.8	**CUMPLE η = 25.6**
N669/N741	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.4	η = 0.5	x: 0 m η = 6.1	x: 0 m η = 8.8	η = 0.4	x: 0 m η = 0.4	x: 0 m η = 6.3	x: 0 m η = 9.1	x: 0 m η = 0.4	x: 0 m η = 0.8	N.P.[5]	x: 0 m η = 15.8	x: 0 m η = 14.6	**CUMPLE η = 15.8**
N741/N66	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 5.4	x: 0 m η = 4.4	x: 0.15 m η = 11.3	η = 22.6	x: 0.15 m η = 3.2	x: 0 m η = 7.4	x: 0.15 m η = 14.4	x: 0 m η = 0.7	x: 0.15 m η = 7.2	N.P.[5]	x: 0 m η = 20.2	x: 0.15 m η = 14.8	**CUMPLE η = 22.6**
N317/N454	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 0.4	x: 0.15 m η = 1.3	x: 0.15 m η = 4.6	η = 7.0	x: 0.15 m η = 0.2	x: 0.15 m η = 1.3	x: 0.15 m η = 4.6	x: 0.15 m η < 0.1	x: 0.15 m η = 0.7	N.P.[5]	x: 0.15 m η = 5.9	x: 0.15 m η = 5.8	**CUMPLE η = 7.0**
N454/N255	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.2	η = 1.0	x: 7.068 m η = 11.4	x: 0 m η = 2.7	η = 0.1	x: 7.068 m η = 0.5	x: 7.068 m η = 12.0	x: 0 m η = 3.3	x: 7.068 m η = 1.4	x: 0 m η = 0.1	N.P.[5]	x: 7.068 m η = 15.3	x: 7.068 m η = 13.5	**CUMPLE η = 15.3**
N255/N525	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 0.7	x: 0 m η = 10.6	x: 0.15 m η = 7.4	η = 9.5	x: 0 m η = 1.8	x: 0 m η = 11.0	x: 0.15 m η = 7.8	x: 0 m η = 1.2	x: 0.15 m η = 1.5	N.P.[5]	x: 0.15 m η = 15.4	x: 0.15 m η = 14.0	**CUMPLE η = 15.4**
N525/N193	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.2	η = 0.2	x: 0 m η = 6.8	x: 0 m η = 7.9	η = 0.4	x: 0 m η = 0.4	x: 0 m η = 6.9	x: 0 m η = 8.0	x: 0 m η = 0.5	x: 0 m η = 0.6	N.P.[5]	x: 0 m η = 14.9	x: 0 m η = 14.0	**CUMPLE η = 14.9**
N193/N597	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 0.5	x: 0 m η = 5.3	x: 0 m η = 7.5	η = 14.4	x: 0 m η = 2.3	x: 0 m η = 5.5	x: 0 m η = 7.8	x: 0 m η = 0.3	x: 0 m η = 2.7	N.P.[5]	x: 0 m η = 12.3	x: 0 m η = 11.3	**CUMPLE η = 14.4**
N597/N130	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.3	N.P.[2]	x: 7.066 m η = 13.8	x: 0 m η = 3.6	η = 0.2	x: 7.066 m η = 0.5	N.P.[13]	N.P.[14]	x: 7.066 m η = 1.9	x: 0 m η = 0.1	N.P.[5]	x: 7.066 m η = 17.7	x: 7.066 m η = 16.9	**CUMPLE η = 17.7**
N131/N671	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 1.4	x: 0 m η = 12.3	x: 0.15 m η = 11.4	η = 17.9	x: 0 m η = 2.4	x: 0 m η = 13.0	x: 0.15 m η = 12.1	x: 0 m η = 1.8	x: 0.15 m η = 4.7	N.P.[5]	x: 0.15 m η = 20.7	x: 0.15 m η = 18.3	**CUMPLE η = 20.7**
N671/N743	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.2	η = 0.5	x: 0 m η = 7.2	x: 0 m η = 7.9	η = 0.4	x: 0 m η = 0.4	x: 0 m η = 7.5	x: 0 m η = 8.2	x: 0 m η = 0.6	x: 0 m η = 0.7	N.P.[5]	x: 0 m η = 15.9	x: 0 m η = 14.6	**CUMPLE η = 15.9**
N743/N67	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 4.4	x: 0 m η = 1.7	x: 0.15 m η = 9.1	η = 17.3	x: 0.15 m η = 1.4	x: 0 m η = 4.2	x: 0.15 m η = 11.6	x: 0 m η = 0.2	x: 0.15 m η = 4.3	N.P.[5]	x: 0.15 m η = 15.1	η = 11.5	**CUMPLE η = 17.3**
N318/N456	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 0.7	x: 0.15 m η = 0.7	x: 0.15 m η = 4.9	η = 8.2	x: 0.15 m η = 0.1	x: 0.15 m η = 1.2	x: 0.15 m η = 5.4	x: 0.15 m η < 0.1	x: 0.15 m η = 1.0	N.P.[5]	x: 0.15 m η = 6.5	x: 0.15 m η = 5.6	**CUMPLE η = 8.2**
N456/N256	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 0.9	x: 7.068 m η = 11.1	x: 0 m η = 1.9	η = 0.1	x: 7.068 m η = 0.5	x: 7.068 m η = 11.6	x: 0 m η = 2.4	x: 7.068 m η = 1.4	x: 0 m η = 0.1	x: 7.068 m η = 10.7	x: 7.068 m η = 13.8	x: 7.068 m η = 12.4	**CUMPLE η = 13.8**
N256/N527	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 1.2	x: 0 m η = 10.9	x: 0.15 m η = 5.9	η = 6.1	x: 0 m η = 0.5	x: 0 m η = 11.5	x: 0.15 m η = 6.5	x: 0 m η = 1.3	x: 0.15 m η = 0.8	x: 0.15 m η = 10.4	x: 0.15 m η = 17.2	x: 0.15 m η = 15.1	**CUMPLE η = 17.2**
N527/N194	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 0.2	x: 0 m η = 9.3	x: 0 m η = 7.0	η = 0.3	x: 0 m η = 0.4	x: 0 m η = 9.4	x: 0 m η = 7.1	x: 0 m η = 0.9	x: 0 m η = 0.5	x: 0 m η = 10.2	x: 0 m η = 16.6	x: 0 m η = 15.6	**CUMPLE η = 16.6**
N194/N599	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 0.1	x: 0 m η = 4.9	x: 0 m η = 5.6	η = 10.2	x: 0 m η = 1.0	x: 0 m η = 5.0	x: 0 m η = 5.6	x: 0 m η = 0.3	x: 0 m η = 1.4	N.P.[5]	x: 0 m η = 8.7	x: 0 m η = 8.4	**CUMPLE η = 10.2**
N599/N131	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η < 0.1	x: 7.066 m η = 12.3	x: 0 m η = 2.5	η = 0.1	x: 7.066 m η = 0.4	x: 7.066 m η = 12.3	x: 0 m η = 2.6	x: 7.066 m η = 1.5	x: 0 m η = 0.1	N.P.[5]	x: 7.066 m η = 14.8	x: 7.066 m η = 14.2	**CUMPLE η = 14.8**
N132/N673	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 0.2	x: 0 m η = 12.5	x: 0.15 m η = 8.7	η = 12.5	x: 0 m η = 1.2	x: 0 m η = 12.6	x: 0.15 m η = 8.8	x: 0 m η = 1.6	x: 0.15 m η = 2.3	x: 0.15 m η = 19.2	x: 0.15 m η = 19.2	x: 0.15 m η = 18.0	**CUMPLE η = 19.2**
N673/N745	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 0.6	x: 0 m η = 8.9	x: 0 m η = 7.2	η = 0.3	x: 0 m η = 0.4	x: 0 m η = 9.3	x: 0 m η = 7.5	x: 0 m η = 0.9	x: 0 m η = 0.6	N.P.[5]	x: 0 m η = 16.9	x: 0 m η = 15.4	**CUMPLE η = 16.9**
N745/N68	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 4.4	x: 0 m η = 2.0	x: 0.15 m η = 8.8	η = 15.7	x: 0.15 m η = 1.3	x: 0 m η = 4.5	x: 0.15 m η = 11.3	x: 0 m η = 0.2	x: 0.15 m η = 3.7	N.P.[5]	x: 0.15 m η = 14.2	η = 10.9	**CUMPLE η = 15.7**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_x	M_y	V_x	V_y	M_xTr	M_yTr	M_xV_y	M_yV_x	MT	MP	TPTrMV	
N319/N458	w / t ≤ (w / t)máx. Cumple	η < 0.1	N.P.(6)	η = 1.2	x: 0.15 m η = 0.4	x: 0.15 m η = 5.6	η = 9.9	x: 0 m η = 0.1	x: 0.15 m η = 1.0	x: 0.15 m η = 6.4	x: 0.15 m η < 0.1	x: 0.15 m η = 1.4	x: 0.15 m η = 7.4	N.P.(7)	x: 0.15 m η = 5.9	**CUMPLE η = 9.9**
N458/N257	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.1	η = 0.8	x: 7.068 m η = 11.1	x: 7.068 m η = 1.4	η = 0.1	x: 7.068 m η = 0.5	x: 7.068 m η = 11.6	x: 7.068 m η = 1.5	x: 7.068 m η = 1.3	x: 7.068 m η < 0.1	x: 7.068 m η = 10.4	x: 7.068 m η = 12.9	x: 7.068 m η = 11.8	**CUMPLE η = 12.9**
N257/N529	w / t ≤ (w / t)máx. Cumple	η < 0.1	N.P.(6)	η = 1.9	x: 0.15 m η = 13.1	x: 0.15 m η = 4.2	η = 3.5	x: 0.15 m η = 0.3	x: 0.15 m η = 14.2	x: 0.15 m η = 5.3	x: 0.15 m η = 2.0	x: 0.15 m η = 0.4	x: 0.15 m η = 19.5	N.P.(7)	x: 0.15 m η = 16.5	**CUMPLE η = 19.5**
N529/N195	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.1	η = 0.1	x: 0 m η = 12.3	x: 0 m η = 6.5	η = 0.3	x: 0 m η = 0.4	x: 0 m η = 12.3	x: 0 m η = 6.5	x: 0 m η = 1.5	x: 0 m η = 0.4	N.P.(5)	x: 0 m η = 19.0	x: 0 m η = 17.9	**CUMPLE η = 19.0**
N195/N601	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η < 0.1	η = 0.8	x: 0 m η = 4.9	x: 0 m η = 4.5	η = 7.2	x: 0 m η = 0.3	x: 0 m η = 4.9	x: 0 m η = 5.0	x: 0 m η = 0.2	x: 0 m η = 0.8	x: 0 m η = 8.3	x: 0 m η = 8.3	x: 0 m η = 7.0	**CUMPLE η = 8.3**
N601/N132	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.1	η < 0.1	x: 7.066 m η = 11.9	x: 0 m η = 1.7	η = 0.1	x: 7.066 m η = 0.4	x: 7.066 m η = 11.9	x: 0 m η = 1.7	x: 7.066 m η = 1.4	x: 0 m η < 0.1	N.P.(5)	x: 7.066 m η = 13.5	x: 7.066 m η = 13.1	**CUMPLE η = 13.5**
N133/N675	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.2	η = 1.9	x: 0.15 m η = 15.3	x: 0.15 m η = 9.3	η = 7.7	x: 0.15 m η = 0.8	x: 0.15 m η = 16.3	x: 0.15 m η = 10.4	x: 0.15 m η = 2.7	x: 0.15 m η = 1.7	N.P.(5)	x: 0.15 m η = 27.0	x: 0.15 m η = 23.6	**CUMPLE η = 27.0**
N675/N747	w / t ≤ (w / t)máx. Cumple	η = 0.1	N.P.(6)	η = 0.6	x: 0 m η = 12.3	x: 6.899 m η = 7.0	η = 0.3	x: 0 m η = 0.6	x: 0 m η = 12.7	x: 6.899 m η = 7.3	x: 0 m η = 1.6	x: 6.899 m η = 0.5	x: 0 m η = 19.9	N.P.(7)	x: 0 m η = 18.2	**CUMPLE η = 19.9**
N747/N69	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η < 0.1	η = 4.1	x: 0 m η = 8.2	x: 0.15 m η = 10.3	η = 18.6	x: 0.15 m η = 3.6	x: 0 m η = 10.5	x: 0.15 m η = 12.6	x: 0 m η = 1.2	x: 0.15 m η = 5.1	x: 0 m η = 8.2	x: 0 m η = 19.9	x: 0 m η = 14.5	**CUMPLE η = 19.9**
N320/N460	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.2	η = 1.1	x: 0.15 m η = 4.9	x: 0.15 m η = 9.0	η = 13.5	x: 0 m η = 1.2	x: 0.15 m η = 5.5	x: 0.15 m η = 9.6	x: 0.15 m η = 0.3	x: 0.15 m η = 2.7	N.P.(5)	x: 0.15 m η = 15.3	x: 0.15 m η = 13.6	**CUMPLE η = 15.3**
N460/N258	w / t ≤ (w / t)máx. Cumple	η < 0.1	η < 0.1	η = 0.6	x: 7.068 m η = 12.2	x: 7.068 m η = 1.1	η < 0.1	x: 7.068 m η = 0.5	x: 7.068 m η = 12.5	x: 7.068 m η = 1.3	x: 7.068 m η = 1.6	x: 7.068 m η < 0.1	x: 7.068 m η = 13.0	x: 7.068 m η = 10.4	x: 7.068 m η = 12.3	**CUMPLE η = 13.0**
N258/N531	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.3	η = 4.1	x: 0.15 m η = 19.8	x: 0 m η = 6.3	η = 1.0	x: 0.15 m η = 3.0	x: 0.15 m η = 22.1	x: 0 m η = 8.6	x: 0.15 m η = 5.0	x: 0 m η = 0.8	N.P.(5)	x: 0.15 m η = 30.1	x: 0.15 m η = 24.3	**CUMPLE η = 30.1**
N531/N196	w / t ≤ (w / t)máx. Cumple	η < 0.1	η < 0.1	η = 0.1	x: 0 m η = 17.6	x: 0 m η = 6.2	η = 0.3	x: 0 m η = 0.5	x: 0 m η = 17.7	x: 0 m η = 6.3	x: 0 m η = 3.1	x: 0 m η = 0.4	x: 0 m η = 24.0	x: 0 m η = 11.9	x: 0 m η = 22.7	**CUMPLE η = 24.0**
N196/N603	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.2	η = 2.6	x: 0.15 m η = 4.7	x: 0.15 m η = 2.8	η = 3.9	x: 0.15 m η = 1.4	x: 0.15 m η = 5.2	x: 0.15 m η = 4.2	x: 0.15 m η = 0.3	x: 0.15 m η = 0.3	N.P.(5)	x: 0.15 m η = 9.6	x: 0.15 m η = 6.4	**CUMPLE η = 9.6**
N603/N133	w / t ≤ (w / t)máx. Cumple	η < 0.1	η < 0.1	η = 0.1	x: 7.066 m η = 13.3	x: 0 m η = 1.0	η < 0.1	x: 7.066 m η = 0.4	x: 7.066 m η = 13.3	x: 0 m η = 1.0	x: 7.066 m η = 1.8	x: 0 m η < 0.1	x: 7.066 m η = 14.1	x: 7.066 m η = 8.1	x: 7.066 m η = 13.8	**CUMPLE η = 14.1**
N134/N683	w / t ≤ (w / t)máx. Cumple	η = 1.4	N.P.(6)	η = 8.8	x: 0 m η = 24.5	x: 0 m η = 21.4	η = 12.2	x: 0 m η = 9.1	x: 0 m η = 29.5	x: 0 m η = 26.4	x: 0 m η = 9.5	x: 0 m η = 8.5	x: 0 m η = 57.4	N.P.(7)	x: 0 m η = 45.2	**CUMPLE η = 57.4**
N683/N755	w / t ≤ (w / t)máx. Cumple	η < 0.1	N.P.(6)	η = 1.3	x: 6.899 m η = 33.4	x: 6.899 m η = 7.4	η = 0.3	x: 0 m η = 1.0	x: 6.899 m η = 34.2	x: 6.899 m η = 8.2	x: 6.899 m η = 11.7	x: 6.899 m η = 0.7	x: 6.899 m η = 42.3	N.P.(7)	x: 6.899 m η = 39.1	**CUMPLE η = 42.3**
N755/N70	w / t ≤ (w / t)máx. Cumple	η = 0.4	N.P.(6)	η = 5.3	x: 0 m η = 24.0	x: 0.15 m η = 6.3	η = 5.4	x: 0.15 m η = 3.8	x: 0 m η = 27.0	x: 0.15 m η = 9.3	x: 0 m η = 7.4	x: 0.15 m η = 1.2	x: 0.15 m η = 31.7	N.P.(7)	x: 0 m η = 25.3	**CUMPLE η = 31.7**
N321/N468	w / t ≤ (w / t)máx. Cumple	η = 0.9	N.P.(6)	η = 8.5	x: 0.15 m η = 19.7	x: 0 m η = 25.5	η = 45.9	x: 0 m η = 8.6	x: 0.15 m η = 24.5	x: 0 m η = 30.3	x: 0.15 m η = 6.8	x: 0 m η = 30.2	x: 0.15 m η = 47.4	N.P.(7)	x: 0.15 m η = 36.0	**CUMPLE η = 47.4**
N468/N259	w / t ≤ (w / t)máx. Cumple	η = 0.7	N.P.(6)	η = 1.3	x: 0 m η = 21.6	x: 0 m η = 3.3	η = 0.1	x: 7.068 m η = 0.7	x: 0 m η = 22.4	x: 0 m η = 4.0	x: 0 m η = 5.0	x: 0 m η = 0.2	x: 0 m η = 27.1	N.P.(7)	x: 0 m η = 24.7	**CUMPLE η = 27.1**
N259/N539	w / t ≤ (w / t)máx. Cumple	η = 2.1	N.P.(6)	η = 7.7	x: 0 m η = 26.5	x: 0 m η = 19.5	η = 1.3	x: 0 m η = 8.3	x: 0 m η = 30.9	x: 0 m η = 23.8	x: 0 m η = 10.2	x: 0 m η = 5.7	x: 0 m η = 56.9	N.P.(7)	x: 0 m η = 45.9	**CUMPLE η = 56.9**
N539/N197	w / t ≤ (w / t)máx. Cumple	η = 0.4	N.P.(6)	η = 0.2	x: 0 m η = 31.4	x: 0 m η = 6.2	η = 0.3	x: 0 m η = 0.8	x: 0 m η = 31.5	x: 0 m η = 6.3	x: 0 m η = 9.9	x: 0 m η = 0.4	x: 0 m η = 38.2	N.P.(7)	x: 0 m η = 36.5	**CUMPLE η = 38.2**
N197/N611	w / t ≤ (w / t)máx. Cumple	η = 1.4	N.P.(6)	η = 3.0	x: 0.15 m η = 9.2	x: 0 m η = 24.4	η = 11.2	x: 0 m η = 7.5	x: 0.15 m η = 11.0	x: 0 m η = 26.1	x: 0.15 m η = 1.8	x: 0 m η = 8.1	x: 0 m η = 34.2	N.P.(7)	x: 0 m η = 30.2	**CUMPLE η = 34.2**
N611/N134	w / t ≤ (w / t)máx. Cumple	η = 0.2	N.P.(6)	η = 0.3	x: 7.066 m η = 11.4	x: 7.066 m η = 1.2	η < 0.1	x: 7.066 m η = 0.4	x: 7.066 m η = 11.6	x: 7.066 m η = 1.4	x: 7.066 m η = 1.3	x: 7.066 m η < 0.1	x: 7.066 m η = 13.1	N.P.(7)	x: 7.066 m η = 12.4	**CUMPLE η = 13.1**
N135/N685	w / t ≤ (w / t)máx. Cumple	η = 0.4	N.P.(6)	η = 12.2	x: 0.15 m η = 26.6	x: 0.15 m η = 33.2	η = 22.9	x: 0.15 m η = 2.8	x: 0.15 m η = 33.6	x: 0.15 m η = 40.1	x: 0.15 m η = 11.3	x: 0.15 m η = 21.3	x: 0.15 m η = 73.9	N.P.(7)	x: 0.15 m η = 57.5	**CUMPLE η = 73.9**
N685/N757	w / t ≤ (w / t)máx. Cumple	η = 3.1	N.P.(6)	η = 4.9	x: 6.899 m η = 60.0	x: 6.899 m η = 7.2	η = 0.3	x: 0 m η = 1.3	x: 6.899 m η = 62.8	x: 6.899 m η = 10.0	x: 6.899 m η = 39.4	x: 6.899 m η = 1.0	x: 6.899 m η = 75.8	N.P.(7)	x: 6.899 m η = 68.4	**CUMPLE η = 75.8**
N470/N260	w / t ≤ (w / t)máx. Cumple	η = 2.8	N.P.(6)	η = 4.5	x: 0 m η = 60.0	x: 0 m η = 6.3	η = 0.2	x: 7.068 m η = 1.4	x: 0 m η = 62.6	x: 0 m η = 8.8	x: 0 m η = 39.1	x: 0 m η = 0.8	x: 0 m η = 74.2	N.P.(7)	x: 0 m η = 67.3	**CUMPLE η = 74.2**
N260/N541	w / t ≤ (w / t)máx. Cumple	η = 0.2	η = 0.6	η = 10.0	x: 0.15 m η = 26.1	x: 0 m η = 35.2	η = 13.2	x: 0.15 m η = 5.3	x: 0.15 m η = 31.8	x: 0 m η = 40.9	x: 0.15 m η = 10.4	x: 0 m η = 18.5	x: 0 m η = 17.9	x: 0 m η = 63.3	x: 0 m η = 50.2	**CUMPLE η = 63.3**
N541/N198	w / t ≤ (w / t)máx. Cumple	η = 2.6	N.P.(6)	η = 3.0	x: 0 m η = 20.9	x: 7.048 m η = 5.1	η = 0.2	x: 0 m η = 0.5	x: 0 m η = 22.6	x: 7.048 m η = 6.8	x: 0 m η = 5.1	x: 7.048 m η = 0.5	x: 0 m η = 31.2	N.P.(7)	x: 0 m η = 26.8	**CUMPLE η = 31.2**
N198/N613	w / t ≤ (w / t)máx. Cumple	η = 0.3	N.P.(6)	η = 42.2	x: 0 m η = 19.4	x: 0.15 m η = 35.5	η = 3.2	x: 0.15 m η = 3.7	x: 0 m η = 43.4	x: 0.15 m η = 59.4	x: 0 m η = 19.0	x: 0.15 m η = 35.4	x: 0 m η = 100.0	N.P.(7)	x: 0 m η = 50.1	**CUMPLE η = 100.0**
N613/N135	w / t ≤ (w / t)máx. Cumple	η = 2.8	N.P.(6)	η = 0.7	x: 7.066 m η = 33.0	x: 0 m η = 2.6	η = 0.1	x: 7.066 m η = 0.8	x: 7.066 m η = 33.4	x: 0 m η = 3.0	x: 7.066 m η = 11.1	x: 0 m η = 0.1	x: 7.066 m η = 39.0	N.P.(7)	x: 7.066 m η = 37.5	**CUMPLE η = 39.0**
N681/N753	w / t ≤ (w / t)máx. Cumple	η = 1.7	N.P.(6)	η = 2.1	x: 4.312 m η = 73.8	x: 0 m η = 1.9	η < 0.1	x: 0 m η = 5.1	x: 4.312 m η = 75.1	x: 0 m η = 3.2	x: 4.312 m η = 56.3	x: 0 m η = 0.1	x: 4.312 m η = 79.6	N.P.(7)	x: 4.312 m η = 76.7	**CUMPLE η = 79.6**
N466/N236	w / t ≤ (w / t)máx. Cumple	η = 1.7	N.P.(6)	η = 4.1	x: 2.65 m η = 78.0	x: 0 m η = 2.3	η < 0.1	x: 7.068 m η = 5.2	x: 2.65 m η = 80.3	x: 0 m η = 4.7	x: 2.65 m η = 64.5	x: 0 m η = 0.2	x: 2.65 m η = 86.7	N.P.(7)	x: 2.65 m η = 81.3	**CUMPLE η = 86.7**
N236/N537	w / t ≤ (w / t)máx. Cumple	η = 2.4	N.P.(6)	η = 10.5	x: 0.15 m η = 77.2	x: 0 m η = 7.0	η = 9.2	x: 0.15 m η = 2.5	x: 0.15 m η = 83.1	x: 0 m η = 13.0	x: 0.15 m η = 69.2	x: 0 m η = 2.5	x: 0 m η = 93.9	N.P.(7)	x: 0.15 m η = 80.6	**CUMPLE η = 93.9**
N537/N173	w / t ≤ (w / t)máx. Cumple	η = 1.2	N.P.(6)	η = 0.3	x: 0 m η = 71.2	x: 7.048 m η = 1.0	η < 0.1	x: 0 m η = 4.3	x: 0 m η = 71.4	x: 7.048 m η = 1.2	x: 0 m η = 51.2	x: 7.048 m η < 0.1	x: 0 m η = 73.1	N.P.(7)	x: 0 m η = 72.7	**CUMPLE η = 73.1**
N173/N609	w / t ≤ (w / t)máx. Cumple	η = 2.2	N.P.(6)	η = 14.4	x: 0.15 m η = 73.1	x: 0.15 m η = 6.2	η = 9.2	x: 0.15 m η = 0.8	x: 0.15 m η = 81.2	x: 0.15 m η = 14.3	x: 0.15 m η = 66.0	x: 0.15 m η = 2.9	x: 0.15 m η = 97.8	N.P.(7)	x: 0.15 m η = 79.7	**CUMPLE η = 97.8**
N609/N109	w / t ≤ (w / t)máx. Cumple	η = 1.3	N.P.(6)	η = 0.4	x: 0 m η = 64.9	x: 0 m η = 1.3	η = 0.1	x: 0 m η = 4.3	x: 0 m η = 65.2	x: 0 m η = 1.5	x: 0 m η = 42.6	x: 0 m η < 0.1	x: 0 m η = 67.9	N.P.(7)	x: 0 m η = 67.0	**CUMPLE η = 67.9**
N108/N679	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.5	η = 5.8	x: 0 m η = 70.5	x: 0.15 m η = 17.4	η = 9.0	x: 0 m η = 6.1	x: 0 m η = 73.9	x: 0.15 m η = 20.7	x: 0 m η = 54.9	x: 0.15 m η = 5.1	N.P.(5)	x: 0 m η = 86.7	x: 0 m η = 77.7	**CUMPLE η = 86.7**
N679/N751	w / t ≤ (w / t)máx. Cumple	η = 0.3	N.P.(6)	η = 1.7	x: 4.312 m η = 69.9	x: 6.899 m η = 3.3	η = 0.1	x: 0 m η = 5.1	x: 4.312 m η = 70.9	x: 6.899 m η = 4.2	x: 4.312 m η = 50.3	x: 6.899 m η = 0.2	x: 4.312 m η = 74.5	N.P.(7)	x: 4.312 m η = 71.8	**CUMPLE η = 74.5**
N751/N44	w / t ≤ (w / t)máx. Cumple	N.P.(1)	η = 0.1	η = 6.3	x: 0 m η = 11.9	x: 0 m η = 21.3	η = 34.0	x: 0.15 m η = 3.1	x: 0 m η = 15.5	x: 0 m η = 24.9	x: 0 m η = 2.5	x: 0 m η = 17.7	N.P.(5)	x: 0 m η = 40.5	x: 0 m η = 32.1	**CUMPLE η = 40.5**
N297/N464	w / t ≤ (w / t)máx. Cumple	η = 0.3	N.P.(6)	η = 11.3	x: 0.15 m η = 8.1	x: 0 m η = 27.2	η = 55.8	x: 0 m η = 4.6	x: 0.15 m η = 14.5	x: 0 m η = 33.6	x: 0.15 m η = 2.3	x: 0 m η = 42.4	x: 0.15 m η = 46.0	N.P.(7)	η = 34.2	**CUMPLE η = 55.8**
N464/N235	w / t ≤ (w / t)máx. Cumple	η = 0.8	N.P.(6)	η = 1.2	x: 2.65 m η = 74.9	x: 7.068 m η = 3.1	η < 0.1	x: 7.068 m η = 5.1	x: 2.65 m η = 75.5	x: 7.068 m η = 3.7	x: 2.65 m η = 57.0	x: 7.068 m η = 0.1	x: 2.65 m η = 79.4	N.P.(7)	x: 2.65 m η = 77.3	**CUMPLE η = 79.4**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_x	M_y	V_x	V_y	M_xTr	M_yTr	M_xV_y	M_yV_x	MT	MP	TPTrMV	
N235/N535	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 5.2	x: 0 m η = 73.7	x: 0.15 m η = 14.4	η = 1.3	x: 0 m η = 4.1	x: 0 m η = 76.6	x: 0.15 m η = 17.4	x: 0 m η = 58.9	x: 0.15 m η = 3.0	N.P.[5]	x: 0 m η = 93.0	x: 0 m η = 83.8	**CUMPLE η = 93.0**
N535/N172	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.6	N.P.[6]	η = 0.3	x: 0 m η = 75.9	x: 0 m η = 0.4	η < 0.1	x: 0 m η = 4.4	x: 0 m η = 76.1	x: 0 m η = 0.6	x: 0 m η = 58.2	x: 0 m η < 0.1	x: 0 m η = 77.3	N.P.[7]	x: 0 m η = 76.8	**CUMPLE η = 77.3**
N172/N607	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.3	η = 5.6	x: 0 m η = 71.5	x: 0.15 m η = 17.4	η = 6.2	x: 0 m η = 4.7	x: 0 m η = 74.7	x: 0.15 m η = 20.5	x: 0 m η = 56.0	x: 0.15 m η = 4.6	N.P.[5]	x: 0 m η = 89.8	x: 0 m η = 80.5	**CUMPLE η = 89.8**
N607/N108	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.5	N.P.[6]	N.P.[2]	x: 0 m η = 71.5	x: 7.066 m η = 2.6	η = 0.1	x: 0 m η = 4.4	N.P.[13]	N.P.[14]	x: 0 m η = 51.4	x: 7.066 m η = 0.1	x: 0 m η = 74.2	N.P.[7]	x: 0 m η = 73.5	**CUMPLE η = 74.2**
N107/N695	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.4	N.P.[6]	η = 1.4	x: 0 m η = 62.1	x: 0 m η = 4.5	η = 7.6	x: 0 m η = 0.1	x: 0 m η = 62.9	x: 0 m η = 5.3	x: 0 m η = 39.5	x: 0 m η = 0.9	x: 0 m η = 68.6	N.P.[7]	x: 0 m η = 65.6	**CUMPLE η = 68.6**
N695/N767	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.2	N.P.[6]	η = 1.3	x: 4.312 m η = 66.3	x: 6.899 m η = 4.4	η = 0.1	x: 0 m η = 5.0	x: 4.312 m η = 67.0	x: 6.899 m η = 5.1	x: 4.312 m η = 44.9	x: 6.899 m η = 0.3	x: 4.312 m η = 70.5	N.P.[7]	x: 4.312 m η = 68.2	**CUMPLE η = 70.5**
N767/N43	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.2	N.P.[6]	η = 7.8	x: 0 m η = 7.9	x: 0 m η = 12.8	η = 26.3	x: 0.15 m η = 2.6	x: 0 m η = 12.3	x: 0 m η = 17.2	x: 0 m η = 1.6	x: 0 m η = 9.9	x: 0 m η = 29.7	N.P.[7]	x: 0 m η = 20.0	**CUMPLE η = 29.7**
N296/N480	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 4.1	x: 0.15 m η = 7.5	x: 0 m η = 12.4	η = 23.3	x: 0 m η = 3.4	x: 0.15 m η = 9.9	x: 0 m η = 14.7	x: 0.15 m η = 1.1	x: 0 m η = 7.6	x: 0.15 m η = 21.6	N.P.[7]	x: 0.15 m η = 16.2	**CUMPLE η = 23.3**
N480/N234	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.9	x: 2.65 m η = 70.4	x: 7.068 m η = 3.1	η < 0.1	x: 7.068 m η = 5.1	x: 2.65 m η = 70.9	x: 7.068 m η = 3.6	x: 2.65 m η = 50.2	x: 7.068 m η = 0.1	x: 2.65 m η = 73.5	N.P.[7]	x: 2.65 m η = 71.8	**CUMPLE η = 73.5**
N234/N551	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.3	N.P.[6]	η = 1.8	x: 0.15 m η = 67.1	x: 0 m η = 1.5	η = 2.1	x: 0.15 m η = 1.8	x: 0.15 m η = 68.2	x: 0 m η = 2.5	x: 0.15 m η = 46.5	x: 0 m η = 0.1	x: 0.15 m η = 70.0	N.P.[7]	x: 0.15 m η = 67.8	**CUMPLE η = 70.0**
N551/N171	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.3	x: 0 m η = 69.1	x: 0 m η = 1.3	η < 0.1	x: 0 m η = 4.3	x: 0 m η = 69.2	x: 0 m η = 1.4	x: 0 m η = 48.1	x: 0 m η < 0.1	x: 0 m η = 70.8	N.P.[7]	x: 0 m η = 70.1	**CUMPLE η = 70.8**
N171/N623	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.4	N.P.[6]	η = 1.4	x: 0.15 m η = 64.2	x: 0.15 m η = 2.9	η = 5.1	x: 0.15 m η = 0.8	x: 0.15 m η = 65.0	x: 0.15 m η = 3.7	x: 0.15 m η = 42.2	x: 0.15 m η = 0.4	x: 0.15 m η = 69.0	N.P.[7]	x: 0.15 m η = 66.5	**CUMPLE η = 69.0**
N623/N107	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.2	N.P.[6]	η = 0.1	x: 0 m η = 65.6	x: 0 m η = 3.1	η = 0.1	x: 0 m η = 4.3	x: 0 m η = 65.6	x: 0 m η = 3.2	x: 0 m η = 43.3	x: 0 m η = 0.1	x: 0 m η = 69.0	N.P.[7]	x: 0 m η = 67.9	**CUMPLE η = 69.0**
N106/N693	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.1	x: 0 m η = 65.6	x: 0.15 m η = 5.9	η = 10.5	x: 0 m η = 1.6	x: 0 m η = 65.6	x: 0.15 m η = 5.9	x: 0 m η = 43.1	x: 0.15 m η = 1.5	x: 0 m η = 69.7	N.P.[7]	x: 0 m η = 68.3	**CUMPLE η = 69.7**
N693/N765	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.5	x: 4.312 m η = 64.2	x: 6.899 m η = 4.8	η = 0.1	x: 0 m η = 4.9	x: 4.312 m η = 65.1	x: 6.899 m η = 5.7	x: 4.312 m η = 42.3	x: 6.899 m η = 0.3	x: 4.312 m η = 68.5	N.P.[7]	x: 4.312 m η = 66.0	**CUMPLE η = 68.5**
N765/N42	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	N.P.[6]	η = 5.0	x: 0 m η = 4.9	x: 0.15 m η = 8.3	η = 17.7	x: 0.15 m η = 2.2	x: 0 m η = 7.7	x: 0.15 m η = 11.1	x: 0 m η = 0.6	x: 0.15 m η = 4.4	x: 0 m η = 18.8	N.P.[7]	x: 0 m η = 12.6	**CUMPLE η = 18.8**
N295/N478	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	N.P.[6]	η = 3.0	x: 0.15 m η = 5.7	x: 0 m η = 7.4	η = 14.8	x: 0 m η = 2.8	x: 0.15 m η = 7.3	x: 0 m η = 9.1	x: 0.15 m η = 0.6	x: 0 m η = 3.0	x: 0.15 m η = 15.4	N.P.[7]	x: 0.15 m η = 11.5	**CUMPLE η = 15.4**
N478/N233	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.1	x: 7.068 m η = 67.7	x: 7.068 m η = 3.6	η = 0.1	x: 7.068 m η = 5.1	x: 7.068 m η = 68.4	x: 7.068 m η = 4.2	x: 7.068 m η = 47.0	x: 7.068 m η = 0.2	x: 7.068 m η = 72.7	N.P.[7]	x: 7.068 m η = 70.2	**CUMPLE η = 72.7**
N233/N549	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.2	x: 0 m η = 66.9	x: 0.15 m η = 4.3	η = 6.2	x: 0 m η = 0.2	x: 0 m η = 67.0	x: 0.15 m η = 4.4	x: 0 m η = 45.0	x: 0.15 m η = 0.6	x: 0.15 m η = 71.2	N.P.[7]	x: 0.15 m η = 69.7	**CUMPLE η = 71.2**
N549/N170	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.4	x: 0 m η = 68.1	x: 0 m η = 1.8	η = 0.1	x: 0 m η = 4.3	x: 0 m η = 68.3	x: 0 m η = 2.0	x: 0 m η = 46.8	x: 0 m η < 0.1	x: 0 m η = 70.3	N.P.[7]	x: 0 m η = 69.3	**CUMPLE η = 70.3**
N170/N621	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.1	x: 0 m η = 63.8	x: 0.15 m η = 6.0	η = 8.2	x: 0 m η = 0.9	x: 0 m η = 63.8	x: 0.15 m η = 6.1	x: 0 m η = 40.8	x: 0.15 m η = 1.1	x: 0.15 m η = 68.4	N.P.[7]	x: 0.15 m η = 66.6	**CUMPLE η = 68.4**
N621/N106	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.1	x: 7.066 m η = 66.5	x: 0 m η = 3.6	η = 0.2	x: 7.066 m η = 4.3	x: 7.066 m η = 66.6	x: 0 m η = 3.7	x: 7.066 m η = 44.5	x: 0 m η = 0.1	x: 7.066 m η = 70.1	N.P.[7]	x: 7.066 m η = 68.9	**CUMPLE η = 70.1**
N105/N691	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 0.7	x: 0 m η = 69.4	x: 0.15 m η = 8.0	η = 14.6	x: 0 m η = 2.3	x: 0 m η = 69.8	x: 0.15 m η = 8.4	x: 0 m η = 48.8	x: 0.15 m η = 2.8	x: 0 m η = 75.9	x: 0 m η = 37.1	x: 0 m η = 73.4	**CUMPLE η = 75.9**
N691/N763	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η = 0.1	η = 1.6	x: 0 m η = 65.7	x: 6.899 m η = 5.5	η = 0.2	x: 0 m η = 5.0	x: 0 m η = 66.6	x: 6.899 m η = 6.4	x: 0 m η = 44.6	x: 6.899 m η = 0.4	N.P.[5]	x: 0 m η = 69.6	x: 0 m η = 67.1	**CUMPLE η = 69.6**
N763/N41	$w / t \leq (w / t)_{Máx.}$ Cumple	N.P.[1]	η < 0.1	η = 4.5	x: 0 m η = 6.2	x: 0.15 m η = 8.1	η = 15.3	x: 0.15 m η = 3.6	x: 0 m η = 8.7	x: 0.15 m η = 10.6	x: 0 m η = 0.9	x: 0.15 m η = 3.5	N.P.[5]	x: 0 m η = 17.4	x: 0 m η = 11.7	**CUMPLE η = 17.4**
N294/N476	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	N.P.[6]	η = 2.2	x: 0.15 m η = 5.0	x: 0 m η = 4.7	η = 10.1	x: 0 m η = 2.6	x: 0.15 m η = 6.3	x: 0 m η = 6.0	x: 0.15 m η = 0.5	x: 0 m η = 1.4	x: 0.15 m η = 12.2	N.P.[7]	x: 0.15 m η = 9.2	**CUMPLE η = 12.2**
N476/N232	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.2	x: 7.068 m η = 70.7	x: 7.068 m η = 4.2	η = 0.1	x: 7.068 m η = 5.1	x: 7.068 m η = 71.4	x: 7.068 m η = 4.9	x: 7.068 m η = 51.2	x: 7.068 m η = 0.2	x: 7.068 m η = 76.3	N.P.[7]	x: 7.068 m η = 73.6	**CUMPLE η = 76.3**
N232/N547	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	N.P.[6]	η = 0.7	x: 0 m η = 70.3	x: 0.15 m η = 6.4	η = 10.6	x: 0 m η = 1.1	x: 0 m η = 70.7	x: 0.15 m η = 6.9	x: 0 m η = 50.0	x: 0.15 m η = 1.6	x: 0.15 m η = 75.7	N.P.[7]	x: 0.15 m η = 73.0	**CUMPLE η = 75.7**
N547/N169	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	N.P.[6]	η = 0.4	x: 0 m η = 68.8	x: 0 m η = 2.6	η = 0.1	x: 0 m η = 4.3	x: 0 m η = 69.0	x: 0 m η = 2.9	x: 0 m η = 47.9	x: 0 m η = 0.1	x: 0 m η = 71.9	N.P.[7]	x: 0 m η = 70.6	**CUMPLE η = 71.9**
N169/N619	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 0.7	x: 0 m η = 63.4	x: 0.15 m η = 7.7	η = 12.0	x: 0 m η = 1.6	x: 0 m η = 63.7	x: 0.15 m η = 8.1	x: 0 m η = 40.7	x: 0.15 m η = 2.1	x: 0.15 m η = 69.1	x: 0.15 m η = 20.0	x: 0.15 m η = 66.3	**CUMPLE η = 69.1**
N619/N105	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 0.1	x: 7.066 m η = 69.9	x: 0 m η = 4.3	η = 0.2	x: 7.066 m η = 4.4	x: 7.066 m η = 69.9	x: 0 m η = 4.4	x: 7.066 m η = 49.1	x: 0 m η = 0.2	x: 7.066 m η = 74.0	x: 7.066 m η = 36.0	x: 7.066 m η = 72.6	**CUMPLE η = 74.0**
N104/N689	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 1.6	x: 0 m η = 74.8	x: 0.15 m η = 11.0	η = 20.1	x: 0 m η = 4.4	x: 0 m η = 75.7	x: 0.15 m η = 11.9	x: 0 m η = 57.5	x: 0.15 m η = 5.5	x: 0 m η = 84.3	x: 0 m η = 25.6	x: 0 m η = 80.4	**CUMPLE η = 84.3**
N689/N761	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 1.6	x: 0 m η = 67.1	x: 6.899 m η = 6.2	η = 0.2	x: 0 m η = 5.0	x: 0 m η = 68.0	x: 6.899 m η = 7.1	x: 0 m η = 46.5	x: 6.899 m η = 0.5	x: 0 m η = 71.9	x: 0 m η = 34.9	x: 0 m η = 69.1	**CUMPLE η = 71.9**
N761/N40	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	η < 0.1	η = 4.6	x: 0 m η = 6.8	x: 0.15 m η = 8.5	η = 16.3	x: 0.15 m η = 4.0	x: 0 m η = 9.5	x: 0.15 m η = 11.1	x: 0 m η = 1.0	x: 0.15 m η = 3.9	x: 0 m η = 18.8	x: 0 m η = 7.6	x: 0 m η = 12.9	**CUMPLE η = 18.8**
N293/N474	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.6	x: 0.15 m η = 5.7	x: 0.15 m η = 3.1	η = 6.3	x: 0 m η = 2.8	x: 0.15 m η = 6.6	x: 0.15 m η = 4.0	x: 0.15 m η = 0.5	x: 0.15 m η = 0.6	x: 0.15 m η = 10.6	N.P.[7]	x: 0.15 m η = 8.4	**CUMPLE η = 10.6**
N474/N231	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.2	x: 7.068 m η = 75.1	x: 7.068 m η = 4.8	η = 0.1	x: 7.068 m η = 5.2	x: 7.068 m η = 75.8	x: 7.068 m η = 5.5	x: 7.068 m η = 57.7	x: 7.068 m η = 0.3	x: 7.068 m η = 81.4	N.P.[7]	x: 7.068 m η = 78.5	**CUMPLE η = 81.4**
N231/N545	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.7	x: 0 m η = 74.9	x: 0.15 m η = 9.5	η = 16.5	x: 0 m η = 3.4	x: 0 m η = 75.9	x: 0.15 m η = 10.4	x: 0 m η = 57.7	x: 0.15 m η = 3.8	x: 0 m η = 82.7	N.P.[7]	x: 0 m η = 79.1	**CUMPLE η = 82.7**
N545/N168	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 0.5	x: 0 m η = 68.8	x: 0 m η = 3.6	η = 0.2	x: 0 m η = 4.3	x: 0 m η = 69.1	x: 0 m η = 3.9	x: 0 m η = 47.9	x: 0 m η = 0.2	x: 0 m η = 73.0	N.P.[7]	x: 0 m η = 71.3	**CUMPLE η = 73.0**
N168/N617	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.1	N.P.[6]	η = 1.4	x: 0 m η = 63.6	x: 0.15 m η = 10.2	η = 17.1	x: 0 m η = 3.5	x: 0 m η = 64.4	x: 0.15 m η = 11.0	x: 0 m η = 41.6	x: 0.15 m η = 4.1	x: 0 m η = 70.9	N.P.[7]	x: 0 m η = 67.7	**CUMPLE η = 70.9**
N617/N104	$w / t \leq (w / t)_{Máx.}$ Cumple	η < 0.1	N.P.[6]	η = 0.1	x: 7.066 m η = 74.7	x: 0 m η = 5.0	η = 0.2	x: 7.066 m η = 4.5	x: 7.066 m η = 74.8	x: 0 m η = 5.1	x: 7.066 m η = 56.1	x: 0 m η = 0.3	x: 7.066 m η = 79.6	N.P.[7]	x: 7.066 m η = 78.0	**CUMPLE η = 79.6**
N103/N705	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.2	N.P.[6]	η = 2.5	x: 0 m η = 81.5	x: 0.15 m η = 13.2	η = 24.0	x: 0 m η = 7.1	x: 0 m η = 82.9	x: 0.15 m η = 14.6	x: 0 m η = 69.3	x: 0.15 m η = 7.9	x: 0 m η = 93.6	N.P.[7]	x: 0 m η = 88.3	**CUMPLE η = 93.6**
N705/N777	$w / t \leq (w / t)_{Máx.}$ Cumple	η = 0.2	N.P.[6]	η = 1.7	x: 0 m η = 68.6	x: 6.899 m η = 6.9	η = 0.2	x: 0 m η = 5.0	x: 0 m η = 69.5	x: 6.899 m η = 7.8	x: 0 m η = 48.6	x: 6.899 m η = 0.6	x: 0 m η = 74.4	N.P.[7]	x: 0 m η = 71.4	**CUMPLE η = 74.4**

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Barras	COMPROBACIONES (AISI S100-07 (2007))															Estado
	w / t	T	P	Tr	M_x	M_y	V_x	V_y	M_xTr	M_yTr	M_xV_y	M_yV_x	MT	MP	TPTrMV	
N777/N39	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta < 0.1$	N.P.[6]	$\eta = 3.6$	x: 0 m $\eta = 10.0$	x: 0.15 m $\eta = 8.2$	$\eta = 12.5$	x: 0.15 m $\eta = 6.5$	x: 0 m $\eta = 12.0$	x: 0.15 m $\eta = 10.2$	x: 0 m $\eta = 1.8$	x: 0.15 m $\eta = 2.6$	x: 0 m $\eta = 17.5$	N.P.[7]	x: 0 m $\eta = 12.8$	**CUMPLE $\eta = 17.5$**
N292/N490	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.1$	N.P.[6]	$\eta = 0.5$	x: 0.15 m $\eta = 8.1$	x: 0 m $\eta = 2.0$	$\eta = 1.4$	x: 0 m $\eta = 4.9$	x: 0.15 m $\eta = 8.4$	x: 0 m $\eta = 2.3$	x: 0.15 m $\eta = 0.9$	x: 0 m $\eta = 0.1$	x: 0.15 m $\eta = 9.5$	N.P.[7]	x: 0.15 m $\eta = 8.8$	**CUMPLE $\eta = 9.5$**
N490/N230	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.2$	N.P.[6]	$\eta = 1.2$	x: 7.068 m $\eta = 80.9$	x: 7.068 m $\eta = 5.1$	$\eta = 0.1$	x: 7.068 m $\eta = 5.2$	x: 7.068 m $\eta = 81.6$	x: 7.068 m $\eta = 5.8$	x: 7.068 m $\eta = 66.8$	x: 7.068 m $\eta = 0.3$	x: 7.068 m $\eta = 87.6$	N.P.[7]	x: 7.068 m $\eta = 84.6$	**CUMPLE $\eta = 87.6$**
N230/N561	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.2$	N.P.[6]	$\eta = 3.0$	x: 0 m $\eta = 80.6$	x: 0.15 m $\eta = 12.9$	$\eta = 23.6$	x: 0 m $\eta = 6.9$	x: 0 m $\eta = 82.3$	x: 0.15 m $\eta = 14.6$	x: 0 m $\eta = 68.3$	x: 0.15 m $\eta = 7.7$	x: 0 m $\eta = 93.3$	N.P.[7]	x: 0 m $\eta = 87.4$	**CUMPLE $\eta = 93.3$**
N561/N167	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.2$	N.P.[6]	$\eta = 0.6$	x: 0 m $\eta = 67.1$	x: 0 m $\eta = 4.4$	$\eta = 0.2$	x: 0 m $\eta = 4.3$	x: 0 m $\eta = 67.4$	x: 0 m $\eta = 4.7$	x: 0 m $\eta = 45.7$	x: 0 m $\eta = 0.2$	x: 0 m $\eta = 72.3$	N.P.[7]	x: 0 m $\eta = 70.3$	**CUMPLE $\eta = 72.3$**
N167/N633	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.1$	N.P.[6]	$\eta = 2.4$	x: 0 m $\eta = 64.9$	x: 0.15 m $\eta = 12.5$	$\eta = 22.2$	x: 0 m $\eta = 6.5$	x: 0 m $\eta = 66.2$	x: 0.15 m $\eta = 13.8$	x: 0 m $\eta = 44.3$	x: 0.15 m $\eta = 6.9$	x: 0 m $\eta = 75.9$	N.P.[7]	x: 0 m $\eta = 71.0$	**CUMPLE $\eta = 75.9$**
N633/N103	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.1$	N.P.[6]	$\eta = 0.1$	x: 7.066 m $\eta = 80.8$	x: 0 m $\eta = 5.6$	$\eta = 0.2$	x: 7.066 m $\eta = 4.6$	x: 7.066 m $\eta = 80.8$	x: 0 m $\eta = 5.6$	x: 7.066 m $\eta = 65.5$	x: 0 m $\eta = 0.3$	x: 7.066 m $\eta = 86.2$	N.P.[7]	x: 7.066 m $\eta = 84.5$	**CUMPLE $\eta = 86.2$**
N775/N38	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.4$	$\eta = 5.0$	x: 0 m $\eta = 27.4$	x: 0.15 m $\eta = 17.8$	$\eta = 19.4$	x: 0 m $\eta = 7.5$	x: 0 m $\eta = 30.2$	x: 0.15 m $\eta = 20.6$	x: 0 m $\eta = 9.7$	x: 0.15 m $\eta = 8.0$	N.P.[5]	x: 0.15 m $\eta = 37.3$	x: 0.15 m $\eta = 30.3$	**CUMPLE $\eta = 37.3$**
N291/N488	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.5$	$\eta = 3.8$	x: 0.15 m $\eta = 33.0$	x: 0.15 m $\eta = 8.3$	$\eta = 5.9$	x: 0.15 m $\eta = 11.4$	x: 0.15 m $\eta = 35.2$	x: 0.15 m $\eta = 10.5$	x: 0.15 m $\eta = 13.7$	x: 0.15 m $\eta = 1.4$	N.P.[5]	x: 0.15 m $\eta = 46.2$	x: 0.15 m $\eta = 40.0$	**CUMPLE $\eta = 46.2$**
N101/N713	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.6$	N.P.[6]	$\eta = 0.2$	x: 0 m $\eta = 53.3$	x: 0.15 m $\eta = 10.7$	$\eta = 15.3$	x: 0 m $\eta = 29.7$	x: 0 m $\eta = 53.3$	x: 0.15 m $\eta = 10.8$	x: 0 m $\eta = 37.3$	x: 0.15 m $\eta = 3.5$	x: 0 m $\eta = 57.5$	N.P.[7]	x: 0 m $\eta = 56.3$	**CUMPLE $\eta = 57.5$**
N713/N785	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.7$	N.P.[6]	$\eta = 1.5$	x: 6.899 m $\eta = 37.9$	x: 6.899 m $\eta = 6.6$	$\eta = 0.2$	x: 0 m $\eta = 0.8$	x: 6.899 m $\eta = 38.8$	x: 6.899 m $\eta = 7.5$	x: 6.899 m $\eta = 15.0$	x: 6.899 m $\eta = 0.6$	x: 6.899 m $\eta = 46.9$	N.P.[7]	x: 6.899 m $\eta = 43.6$	**CUMPLE $\eta = 46.9$**
N785/N37	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.3$	N.P.[6]	$\eta = 1.7$	x: 0 m $\eta = 33.9$	x: 0.15 m $\eta = 14.4$	$\eta = 19.5$	x: 0.15 m $\eta = 25.9$	x: 0 m $\eta = 34.9$	x: 0.15 m $\eta = 15.4$	x: 0 m $\eta = 18.9$	x: 0.15 m $\eta = 6.2$	x: 0 m $\eta = 40.0$	N.P.[7]	x: 0 m $\eta = 37.0$	**CUMPLE $\eta = 40.0$**
N290/N498	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.3$	N.P.[6]	$\eta = 4.8$	x: 0.15 m $\eta = 38.4$	x: 0 m $\eta = 6.0$	$\eta = 8.4$	x: 0 m $\eta = 26.2$	x: 0.15 m $\eta = 41.1$	x: 0 m $\eta = 8.7$	x: 0.15 m $\eta = 23.7$	x: 0 m $\eta = 1.5$	x: 0.15 m $\eta = 46.0$	N.P.[7]	x: 0.15 m $\eta = 40.0$	**CUMPLE $\eta = 46.0$**
N498/N228	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.7$	N.P.[6]	$\eta = 0.9$	x: 0 m $\eta = 45.6$	x: 7.068 m $\eta = 3.2$	$\eta = 0.1$	x: 7.068 m $\eta = 1.2$	x: 0 m $\eta = 46.1$	x: 7.068 m $\eta = 3.8$	x: 0 m $\eta = 21.2$	x: 7.068 m $\eta = 0.1$	x: 0 m $\eta = 48.4$	N.P.[7]	x: 0 m $\eta = 47.1$	**CUMPLE $\eta = 48.4$**
N228/N569	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.7$	N.P.[6]	$\eta = 0.1$	x: 0 m $\eta = 36.2$	x: 0.15 m $\eta = 6.5$	$\eta = 3.6$	x: 0 m $\eta = 25.9$	x: 0 m $\eta = 36.2$	x: 0.15 m $\eta = 6.5$	x: 0 m $\eta = 19.9$	x: 0.15 m $\eta = 0.5$	x: 0 m $\eta = 40.3$	N.P.[7]	x: 0 m $\eta = 39.3$	**CUMPLE $\eta = 40.3$**
N569/N165	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.6$	N.P.[6]	$\eta = 0.5$	x: 7.048 m $\eta = 21.2$	x: 0 m $\eta = 1.9$	$\eta = 0.1$	x: 7.048 m $\eta = 0.6$	x: 7.048 m $\eta = 21.5$	x: 0 m $\eta = 2.2$	x: 7.048 m $\eta = 4.6$	x: 0 m $\eta < 0.1$	x: 7.048 m $\eta = 24.2$	N.P.[7]	x: 7.048 m $\eta = 23.1$	**CUMPLE $\eta = 24.2$**
N165/N641	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.6$	N.P.[6]	$\eta = 1.1$	x: 0.15 m $\eta = 23.6$	x: 0.15 m $\eta = 7.5$	$\eta = 6.9$	x: 0 m $\eta = 24.3$	x: 0.15 m $\eta = 24.2$	x: 0.15 m $\eta = 8.1$	x: 0.15 m $\eta = 11.7$	x: 0.15 m $\eta = 1.1$	x: 0.15 m $\eta = 32.9$	N.P.[7]	x: 0.15 m $\eta = 30.2$	**CUMPLE $\eta = 32.9$**
N641/N101	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.6$	N.P.[6]	$\eta = 0.2$	x: 7.066 m $\eta = 38.2$	x: 0 m $\eta = 3.0$	$\eta = 0.1$	x: 7.066 m $\eta = 1.0$	x: 7.066 m $\eta = 38.3$	x: 0 m $\eta = 3.1$	x: 7.066 m $\eta = 14.7$	x: 0 m $\eta = 0.1$	x: 7.066 m $\eta = 41.5$	N.P.[7]	x: 7.066 m $\eta = 40.5$	**CUMPLE $\eta = 41.5$**
N89/N701	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.4$	$\eta = 16.7$	x: 0 m $\eta = 43.8$	x: 0.15 m $\eta = 12.3$	$\eta = 15.2$	x: 0 m $\eta = 25.0$	x: 0 m $\eta = 53.3$	x: 0.15 m $\eta = 21.8$	x: 0 m $\eta = 34.7$	x: 0.15 m $\eta = 7.1$	N.P.[5]	x: 0 m $\eta = 65.0$	x: 0 m $\eta = 45.5$	**CUMPLE $\eta = 65.0$**
N701/N773	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 1.2$	$\eta = 1.3$	x: 6.899 m $\eta = 29.9$	x: 6.899 m $\eta = 5.4$	$\eta = 0.2$	x: 0 m $\eta = 0.6$	x: 6.899 m $\eta = 30.6$	x: 6.899 m $\eta = 6.1$	x: 6.899 m $\eta = 9.4$	x: 6.899 m $\eta = 0.4$	N.P.[5]	x: 6.899 m $\eta = 37.9$	x: 6.899 m $\eta = 35.2$	**CUMPLE $\eta = 37.9$**
N773/N25	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.5$	$\eta = 4.6$	x: 0 m $\eta = 26.8$	x: 0.15 m $\eta = 7.5$	$\eta = 9.5$	x: 0.15 m $\eta = 19.2$	x: 0 m $\eta = 29.4$	x: 0.15 m $\eta = 10.1$	x: 0 m $\eta = 12.4$	x: 0.15 m $\eta = 1.9$	N.P.[5]	x: 0 m $\eta = 33.9$	x: 0 m $\eta = 28.2$	**CUMPLE $\eta = 33.9$**
N278/N486	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.4$	$\eta = 11.1$	x: 0.15 m $\eta = 35.4$	x: 0 m $\eta = 3.6$	$\eta = 3.1$	x: 0 m $\eta = 21.6$	x: 0.15 m $\eta = 41.7$	x: 0 m $\eta = 9.9$	x: 0.15 m $\eta = 22.1$	x: 0 m $\eta = 1.1$	N.P.[5]	x: 0.15 m $\eta = 49.2$	x: 0.15 m $\eta = 36.3$	**CUMPLE $\eta = 49.2$**
N486/N216	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 1.1$	$\eta = 0.6$	x: 0 m $\eta = 42.3$	x: 7.068 m $\eta = 4.5$	$\eta = 0.2$	x: 7.068 m $\eta = 1.2$	x: 0 m $\eta = 42.7$	x: 7.068 m $\eta = 4.9$	x: 0 m $\eta = 18.2$	x: 7.068 m $\eta = 0.2$	N.P.[5]	x: 0 m $\eta = 47.2$	x: 0 m $\eta = 45.6$	**CUMPLE $\eta = 47.2$**
N216/N557	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.4$	$\eta = 13.3$	x: 0 m $\eta = 32.4$	x: 0.15 m $\eta = 7.7$	$\eta = 11.5$	x: 0 m $\eta = 23.6$	x: 0 m $\eta = 39.9$	x: 0.15 m $\eta = 15.3$	x: 0 m $\eta = 21.5$	x: 0.15 m $\eta = 3.7$	N.P.[5]	x: 0 m $\eta = 50.9$	x: 0 m $\eta = 35.0$	**CUMPLE $\eta = 50.9$**
N557/N153	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.8$	$\eta = 0.8$	x: 7.048 m $\eta = 22.2$	x: 7.048 m $\eta = 3.2$	$\eta = 0.1$	x: 7.048 m $\eta = 0.7$	x: 7.048 m $\eta = 22.6$	x: 7.048 m $\eta = 3.6$	x: 7.048 m $\eta = 5.1$	x: 7.048 m $\eta = 0.1$	N.P.[5]	x: 7.048 m $\eta = 27.1$	x: 7.048 m $\eta = 25.4$	**CUMPLE $\eta = 27.1$**
N153/N629	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.3$	$\eta = 13.5$	x: 0.15 m $\eta = 24.3$	x: 0.15 m $\eta = 12.3$	$\eta = 19.1$	x: 0 m $\eta = 23.4$	x: 0.15 m $\eta = 32.0$	x: 0.15 m $\eta = 20.0$	x: 0.15 m $\eta = 15.7$	x: 0.15 m $\eta = 7.7$	N.P.[5]	x: 0.15 m $\eta = 52.3$	x: 0.15 m $\eta = 35.0$	**CUMPLE $\eta = 52.3$**
N629/N89	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.6$	$\eta = 0.3$	x: 7.066 m $\eta = 40.2$	x: 0 m $\eta = 4.7$	$\eta = 0.2$	x: 7.066 m $\eta = 1.0$	x: 7.066 m $\eta = 40.4$	x: 0 m $\eta = 4.9$	x: 7.066 m $\eta = 16.3$	x: 0 m $\eta = 0.2$	N.P.[5]	x: 7.066 m $\eta = 45.5$	x: 7.066 m $\eta = 44.0$	**CUMPLE $\eta = 45.5$**
N772/N36	$w / t \leq (w / t)_{máx.}$ Cumple	$\eta = 0.1$	N.P.[6]	$\eta = 0.5$	x: 0 m $\eta = 32.2$	x: 0 m $\eta = 6.0$	$\eta = 10.8$	x: 0 m $\eta = 12.9$	x: 0 m $\eta = 32.4$	x: 0 m $\eta = 6.3$	x: 0 m $\eta = 12.2$	x: 0 m $\eta = 1.6$	x: 0 m $\eta = 38.9$	N.P.[7]	x: 0 m $\eta = 36.9$	**CUMPLE $\eta = 38.9$**
N289/N485	$w / t \leq (w / t)_{máx.}$ Cumple	N.P.[1]	$\eta = 0.3$	$\eta = 4.2$	x: 0.15 m $\eta = 34.1$	x: 0 m $\eta = 9.4$	$\eta = 3.4$	x: 0.15 m $\eta = 11.2$	x: 0.15 m $\eta = 36.5$	x: 0 m $\eta = 11.8$	x: 0.15 m $\eta = 14.6$	x: 0 m $\eta = 1.5$	N.P.[5]	x: 0.15 m $\eta = 45.9$	x: 0.15 m $\eta = 39.5$	**CUMPLE $\eta = 45.9$**

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Notación:

w / t: Limitaciones geométricas
T: Resistencia a tracción
P: Resistencia a compresión
Tr: Resistencia a torsión
M_w: Resistencia a flexión alrededor del eje W
M_z: Resistencia a flexión alrededor del eje Z
V_w: Resistencia a corte en la dirección del eje W
V_z: Resistencia a corte en la dirección del eje Z
M_wTr: Resistencia a flexión alrededor del eje W combinada con torsión
M_zTr: Resistencia a flexión alrededor del eje Z combinada con torsión
M_wV_z: Resistencia a flexión alrededor del eje W combinada con corte en la dirección del eje Z
M_zV_w: Resistencia a flexión alrededor del eje Z combinada con corte en la dirección del eje W
MT: Resistencia a flexión combinada con tracción
MP: Resistencia a flexión combinada con compresión
TPTrMV: Flexión combinada con cortante, axil y torsión - Comprobación de Von Mises
x: Distancia al origen de la barra
η: Coeficiente de aprovechamiento (%)
N.P.: No procede
M_x: Resistencia a flexión alrededor del eje X
M_y: Resistencia a flexión alrededor del eje Y
V_x: Resistencia a corte en la dirección del eje X
V_y: Resistencia a corte en la dirección del eje Y
M_xTr: Resistencia a flexión alrededor del eje X combinada con torsión
M_yTr: Resistencia a flexión alrededor del eje Y combinada con torsión
M_xV_y: Resistencia a flexión alrededor del eje X combinada con corte en la dirección del eje Y
M_yV_x: Resistencia a flexión alrededor del eje Y combinada con corte en la dirección del eje X

Comprobaciones que no proceden (N.P.):

(1) La comprobación no procede, ya que no hay axil de tracción.
(2) La comprobación no procede, ya que no hay torsión.
(3) No hay interacción entre torsión y flexión alrededor del eje W para ninguna combinación. Por lo tanto, la comprobación no procede.
(4) No hay interacción entre torsión y flexión alrededor del eje Z para ninguna combinación. Por lo tanto, la comprobación no procede.
(5) No hay interacción entre axil de tracción y momento flector para ninguna combinación. Por lo tanto, la comprobación no procede.
(6) La comprobación no procede, ya que no hay axil de compresión.
(7) No hay interacción entre axil de compresión y momento flector para ninguna combinación. Por lo tanto, la comprobación no procede.
(8) La comprobación no procede, ya que no hay esfuerzo cortante en la dirección del eje X.
(9) La comprobación no procede, ya que no hay esfuerzo cortante en la dirección del eje Y.
(10) No hay interacción entre esfuerzo cortante en la dirección del eje Z y momento flector alrededor del eje W para ninguna combinación. Por lo tanto, la comprobación no procede.
(11) No hay interacción entre esfuerzo cortante en la dirección del eje W y momento flector alrededor del eje Z para ninguna combinación. Por lo tanto, la comprobación no procede.
(12) La comprobación no procede, ya que todas las combinaciones de esfuerzos solicitantes han sido verificadas en otras comprobaciones.
(13) No hay interacción entre torsión y flexión alrededor del eje X para ninguna combinación. Por lo tanto, la comprobación no procede.
(14) No hay interacción entre torsión y flexión alrededor del eje Y para ninguna combinación. Por lo tanto, la comprobación no procede.

Errores:

(1) No es posible continuar con la comprobación, ya que no se pueden calcular los factores de amplificación del capítulo C5.2 debido a que la compresión es superior a la carga crítica de pandeo elástico.

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Arauquita, 22 de abril de 2025

MEMORIAL DE RESPONSABILIDAD

Yo, **DAYANA CAROLINA ANTOLINEZ ANTOLINEZ**, identificada con CC. **1.094.278.420 de Pamplona**, en calidad de ingeniera civil con especialización en estructuras, con matrícula profesional No. **121037-0557106 NTS**, certifico que realicé el DISEÑO ESTRUCTURAL para el proyecto "**CONSTRUCCION DE ESCENARIO DEPORTIVO Y CERRAMIENTO PERIMETRAL EN LA INSTITUCION EDUCATIVA JOSE ACEVEDO Y GOMEZ DEL MUNICIPIO DE ARAUQUITA, DEPARTAMENTO DE ARAUCA**".

Por lo anterior, manifiesto que asumo toda responsabilidad referente al DISEÑO DE ESTRUCTURAS de dicho proyecto, exonerando a la GOBERNACIÓN DE ARAUCA, a la SECRETARÍA DE EDUCACIÓN DEPARTAMENTAL de la misma, declarando de esta manera que asumo la responsabilidad por los perjuicios que por causa de ellos puedan deducirse, SIEMPRE Y CUANDO se cumpla a cabalidad la totalidad del proyecto propuesto.

Acepto y reconozco que la revisión efectuada por la SECRETARÍA DE EDUACIÓN DEPARTAMENTAL no constituye una aprobación, sino una verificación de los cálculos realizados correspondiente a los planos de diseño. Así mismo, aclaro y anexo que cualquier cambio en los planos o en el transcurso de la ejecución del proyecto que se haga sin mi previo análisis y autorización no será de mi competencia ni de mi responsabilidad; por lo que cualquier situación presentada en campo que requiera una modificación del diseño deberá serme oportunamente comentada para su respectivo ajuste a dichas memorias con mi consentimiento.

Atentamente,



DAYANA CAROLINA ANTOLINEZ ANTOLINEZ
INGENIERA CIVIL, ESPECIALISTA EN ESTRUCTURAS
M.P. 121037-0557106 NTS

Arauquita, 22 abril del 2025

Señores
GOBERNACIÓN DE ARAUCA
Arauca

Asunto: Certificación de donación de DISEÑO ESTRUCTURAL

Yo, **DAYANA CAROLINA ANTOLINEZ ANTOLINEZ,** identificada con CC. 1.094.278.420 de Pamplona, en calidad de ingeniera civil con especialización en estructuras, con matrícula profesional **No. 121037-0557106 NTS**, certifico que realicé y a la vez dono a título gratuito a la GOBERNACIÓN DE ARAUCA el DISEÑO ESTRUCTURAL para el proyecto **"CONSTRUCCION DE ESCENARIO DEPORTIVO Y CERRAMIENTO PERIMETRAL EN LA INSTITUCION EDUCATIVA JOSE ACEVEDO Y GOMEZ DEL MUNICIPIO DE ARAUQUITA, DEPARTAMENTO DE ARAUCA".** a ejecutarse sobre la misma jurisdicción del municipio de Arauquita, departamento de Arauca, de acuerdo con los requisitos técnicos vigentes a la fecha.

Adicionalmente, manifiesto que realizo dicha donación del DISEÑO ESTRUCTURAL aquí mencionados a la SECRETARÍA DE EDUCACION DEPARTAMENTAL, a la GOBERNACIÓN DE ARAUCA o a quien esta designe, como soporte técnico únicamente de este proyecto y para el sitio específico, aclarando que no podrá emplearse en proyectos distintos o similares sin mi consentimiento so pena de incurrir en plagio y, que cualquier cambio en los lineamientos de la normativa o la actualización de datos de interés de base del estudio, ameritarán un ajuste sobre el mismo.

Para los fines pertinentes, anexo al final copia de mi tarjeta profesional, certificado de vigencia de la misma y copia de la cédula de ciudadanía.

Atentamente,

DAYANA CAROLINA ANTOLINEZ ANTOLINEZ
INGENIERA CIVIL, ESPECIALISTA EN ESTRUCTURAS
M.P. 121037-0557106 NTS

REPÚBLICA DE COLOMBIA
IDENTIFICACIÓN PERSONAL
CÉDULA DE CIUDADANÍA

NÚMERO **1.094.278.420**

ANTOLINEZ ANTOLINEZ

APELLIDOS

DAYANA CAROLINA

NOMBRES

FIRMA





INDICE DERECHO

FECHA DE NACIMIENTO **07-NOV-1996**

PAMPLONA
(NORTE DE SANTANDER)
LUGAR DE NACIMIENTO

1.58 ESTATURA

O+ G.S. RH

F SEXO

07-ENE-2015 PAMPLONA
FECHA Y LUGAR DE EXPEDICIÓN

REGISTRADOR NACIONAL
ALEXANDER VEGA ROCHA

A-2506400-01382621-F-1094278420-20230927 0136361331G 1 8509639940

MATRICULA PROFESIONAL

121037-0557106 NTS

R2021059115

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Consejo Profesional Nacional de Ingeniería

INGENIERIA CIVIL



DAYANA CAROLINA
ANTOLINEZ ANTOLINEZ
ID: 1094278420

UNIVERSIDAD FRANCISCO DE
PAULA SANTANDER

REPÚBLICA DE COLOMBIA
COPNIA
Consejo Profesional Nacional de Ingeniería

Certificado de vigencia y antecedentes disciplinarios
CVAD-2025-3532577

CONSEJO PROFESIONAL NACIONAL DE INGENIERÍA
COPNIA

EL DIRECTOR GENERAL

CERTIFICA:

1. Que DAYANA CAROLINA ANTOLINEZ ANTOLINEZ, identificado(a) con CEDULA DE CIUDADANIA 1094278420, se encuentra inscrito(a) en el Registro Profesional Nacional que lleva esta entidad, en la profesión de INGENIERIA CIVIL con MATRICULA PROFESIONAL 121037-0557106 NTS desde el 19 de Febrero de 2021, otorgado(a) mediante Resolución Nacional R2021059115.

2. Que el(la) MATRICULA PROFESIONAL es la autorización que expide el Estado para que el titular ejerza su profesión en todo el territorio de la República de Colombia, de conformidad con lo dispuesto en la Ley 842 de 2003.

3. Que el(la) referido(a) MATRICULA PROFESIONAL se encuentra **VIGENTE**

4. Que el profesional no tiene antecedentes disciplinarios ético-profesionales.

5. Que la presente certificación se expide en Bogotá, D.C., a los veintidos (22) días del mes de Abril del año dos mil veinticinco (2025).

Rubén Dario Ochoa Arbeláez

Firmal del titular (*)

(*)Con el fin de verificar que el titular autoriza su participación en procesos estatales de selección de contratistas. La falta de firma del titular no invalida el Certificado
El presente es un documento público expedido electrónicamente con firma digital que garantiza su plena validez jurídica y probatoria según lo establecido en la Ley 527 de 1999. Para verificar la firma digital, consulte las propiedades del documento original en formato .pdf.
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