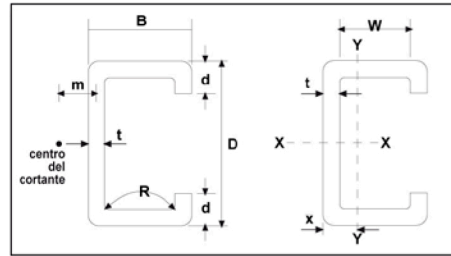


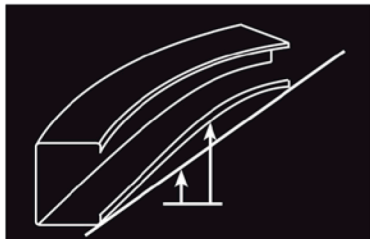
Polinería



GRÁFICA AUXILIAR DE POLÍN PARA TABLA SUPERIOR.

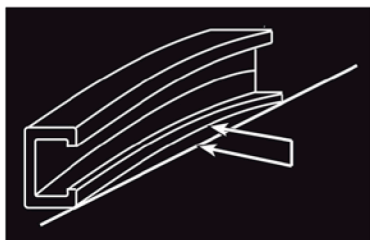
CARACTERÍSTICAS DEL POLÍN DE ALTA RESISTENCIA (X-52)

PT PERFIL	DIMENSIONES EN PULGADAS	CALIBRE (M.S.G.)	PESO (Kg./m.l.)	ÁREA (cm. ²)	DIMENSIONES (mm.)					PROPIEDADES DE LA SECCIÓN TOTAL												Factor COL. Q						
										VIGAS						EJE X - X							EJE Y - Y					
										S _x Efect.	C o (or) Z			C			Z			C o (or) Z								
										F _b = 2,196 Kg./cm. ²	I _x	S _x	r _x	I _y	S _y	r _y	X	I _y	S _y	r _y	F _b = 2,196 Kg./cm. ²							
D	B	d	t	R	cm. ³	cm. ⁴	cm. ³	cm.	cm. ⁴	cm. ³	cm.	cm.	cm. ⁴	cm. ³	cm.													
12PT10	12" X 3 1/2"	10	13.74	17.12	305	89	25	3.42	9.5	149.31	2275.53	149.31	11.53	159.38	24.18	3.06	2.28	235.77	27.04	3.71	0.72							
12PT12	12" X 3 1/2"	12	10.64	13.24	305	89	22	2.66	9.5	116.01	1769.21	116.09	11.56	121.29	18.16	3.06	2.21	177.32	20.25	3.66	0.66							
12PT14	12" X 3 1/2"	14	7.55	9.41	305	89	19	1.90	9.5	79.54	1262.27	82.83	11.58	84.19	12.42	2.99	2.11	122.09	13.88	3.60	0.58							
10PT10	10" X 3 1/2"	10	12.37	15.38	254	89	25	3.42	9.5	115.62	1468.42	115.62	9.77	151.37	23.74	3.14	2.51	235.77	27.04	3.92	0.78							
10PT12	10" X 3 1/2"	12	9.55	11.89	254	89	22	2.66	9.5	90.04	1144.29	90.10	9.81	114.92	17.83	3.11	2.45	177.32	20.25	3.86	0.73							
10PT14	10" X 3 1/2"	14	6.78	8.44	254	89	19	1.90	9.5	61.62	817.71	64.39	9.84	79.86	12.17	3.08	2.33	122.09	13.88	3.80	0.64							
8PT10	8" X 3"	10	9.91	12.34	203	76	19	3.42	9.5	74.25	754.37	74.25	7.82	84.07	15.35	2.61	2.14	132.09	17.73	3.27	0.85							
8PT12	8" X 3"	12	7.78	9.69	203	76	19	2.66	9.5	58.98	599.26	58.98	7.86	68.06	12.43	2.65	2.14	107.26	14.33	3.33	0.79							
8PT14	8" X 3"	14	5.62	6.99	203	76	19	1.90	9.5	42.41	437.08	43.02	7.91	50.56	9.23	2.69	2.14	79.93	10.62	3.38	0.71							
8PT10	8" X 2 1/2"	10	9.19	11.49	203	64	19	3.42	9.5	66.02	670.01	66.02	7.64	54.14	11.55	2.17	1.71	81.47	13.08	2.66	0.85							
8PT12	8" X 2 1/2"	12	7.23	9.04	203	64	19	2.66	9.5	52.64	534.34	52.64	7.69	44.06	9.39	2.20	1.71	66.55	10.62	2.71	0.78							
8PT14	8" X 2 1/2"	14	5.22	6.53	203	64	19	1.90	9.5	38.37	389.47	38.37	7.72	32.91	7.01	2.24	1.71	49.89	7.91	2.76	0.70							
6PT10	6" X 2 1/2"	10	7.82	9.73	152	64	19	3.42	9.5	43.99	335.23	43.99	5.87	47.94	10.94	2.22	1.97	79.36	12.84	2.86	0.94							
6PT12	6" X 2 1/2"	12	6.16	7.67	152	64	19	2.66	9.5	35.15	267.85	35.15	5.91	39.12	8.93	2.26	1.97	65.28	10.50	2.92	0.88							
6PT14	6" X 2 1/2"	14	4.46	5.55	152	64	19	1.90	9.5	25.77	196.35	25.77	5.95	29.26	6.68	2.30	1.97	48.74	7.79	2.97	0.79							
6PT10	6" X 2"	10	7.10	8.86	152	51	19	3.42	9.5	37.70	286.54	37.70	5.68	30.86	8.58	1.87	1.50	43.46	8.81	2.21	0.96							
6PT12	6" X 2"	12	5.60	6.99	152	51	19	2.66	9.5	29.36	223.16	29.36	5.65	22.79	6.33	1.80	1.50	35.88	7.22	2.27	0.88							
6PT14	6" X 2"	14	4.05	5.06	152	51	19	1.90	9.5	22.19	168.70	22.19	5.77	17.18	4.77	1.84	1.50	27.17	5.43	2.31	0.79							
4PT10	4" X 2 1/2"	10	6.42	8.03	102	64	19	3.42	9.5	25.64	130.81	25.64	4.03	42.37	10.53	2.29	2.37	81.43	13.07	3.18	1.00							
4PT12	4" X 2 1/2"	12	5.08	6.35	102	64	19	2.66	9.5	20.62	105.19	20.62	4.07	34.53	8.58	2.33	2.37	66.54	10.61	3.23	1.00							
4PT14	4" X 2 1/2"	14	3.69	4.61	102	64	19	1.90	9.5	15.22	77.65	15.22	4.10	25.83	6.42	2.37	2.37	49.89	7.91	3.29	0.95							
4PT10	4" X 2"	10	5.73	7.12	102	51	19	3.42	9.5	21.14	107.38	21.14	3.88	23.32	7.15	1.81	1.82	42.64	8.69	2.45	1.00							
4PT12	4" X 2"	12	4.53	5.64	102	51	19	2.66	9.5	17.08	86.74	17.08	3.92	19.25	5.90	1.85	1.82	35.28	7.13	2.50	0.99							
4PT14	4" X 2"	14	3.29	4.10	102	51	19	1.90	9.5	12.66	64.30	12.66	3.96	14.58	4.47	1.89	1.82	26.77	5.37	2.56	0.93							
4PT10	4" X 1 1/2"	10	5.00	6.26	102	38	19	3.42	9.5	17.17	87.59	17.17	3.74	11.42	4.56	1.35	1.29	19.34	5.33	1.76	1.00							
4PT12	4" X 1 1/2"	12	3.98	4.97	102	38	19	2.66	9.5	13.93	71.05	13.93	3.78	9.35	3.80	1.38	1.29	16.23	4.43	1.81	1.00							
4PT14	4" X 1 1/2"	14	2.90	3.62	102	38	19	1.90	9.5	10.37	52.89	10.37	3.82	7.30	2.91	1.42	1.29	12.50	3.37	1.86	0.94							



FLECHA HORIZONTAL 1.5 mm./m.

GRÁFICA AUXILIAR DE POLÍN PARA TABLA SUPERIOR.



FLECHA VERTICAL 1.1 mm./m.

GRÁFICA AUXILIAR DE POLÍN PARA TABLA SUPERIOR.

POLÍN (MT) (CC)

Peralte		Long. estándar		Patin		Ceja	
mm.	pulg.	m.	Pies	mm.	pulg.	mm.	pulg.
101.6	4	4	13.12	50.80	2	19.05	3/4
127.0	5	5	16.41	50.80	2	19.05	3/4
152.4	6	6	19.69	63.50	2	19.05	3/4
177.8	7	7	22.97	69.85	2-3/4	19.05	3/4
203.2	8	8	26.25	76.20	3	19.05	3/4
254.0	10	10	32.82	88.90	3-1/2	19.05	3/4
304.8	12	12	39.37	88.90	3-1/2	19.05	3/4

PESOS Y VARIACIONES DEL POLÍN LBS. / PIEZA

PERALTE	MEDIDAS	LONGITUD m.	LBS. PIEZA	FLECHA	
				FH (in.)	FV (in.)
4"	4" x 2 1/2" x 3/4"	4	17.72	0.360	0.264
5"	5" x 2" x 3/4"	5	22.24	0.432	1.317
6"	6" x 2" x 3/4"	6	23.77		
8"	8" x 3" x 3/4"	8	30.20		
10"	10" x 3 1/2" x 3/4" (cal.14)	10	25.46		
10"	10" x 3 1/2" x 7/8" (cal.12)	10	31.50		
10"	10" x 3 1/2" x 1" (cal.10)	10	27.36		
12"	12" x 3 1/2" x 3/4" (cal.14)	12	35.83		
12"	12" x 3 1/2" x 7/8" (cal.12)	12	32.20		
12"	12" x 3 1/2" x 1" (cal.10)	12	38.53		

DIMENSIONES Y CARACTERÍSTICAS DEL POLÍN

PERFIL	CAL.	LONGITUD m.	PIEZAS / ATADO	PESO / ATADO tons.
4"	14	4.00	100	1.330
4"	12	4.00	100	1.820
4"	10	4.00	100	2.300
6"	14	6.00	100	2.680
6"	12	6.00	100	3.690
6"	10	6.00	100	4.720
8"	14	8.00	56	2.520
8"	12	8.00	56	3.480
8"	10	8.00	30	2.390
10"	14	10.00	36	2.450
10"	12	10.00	36	3.450
10"	10	10.00	36	4.460
12"	14	12.00	24	2.190
12"	12	12.00	24	3.060
12"	10	12.00	24	3.940

RECTITUD DEL POLÍN MERCADO NACIONAL

Longitud m.	Flecha pulg.
4	0.314
5	0.393
6	0.472
7	0.551
8	0.630
10	0.787
12	0.944

PESO TEÓRICO Kg./m.

Peralte Cal.	4"	5"	6"	7"	8"	10"	12"
	10	5.9	6.7	8.0	9.0	9.8	12.1
11	5.3	5.9	7.1	8.0	8.9	10.7	11.9
12	4.6	5.3	6.0	7.0	7.8	9.3	10.7
13	4.0	4.5	5.4	6.1	6.7	8.1	9.0
14	3.4	3.8	4.3	5.1	6.2	6.8	7.6

