



# Grupo Industrial Friza S.A. de C.V.

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## ÁREAS DE CÍRCULOS Y CIRCUNFERENCIAS

DIAM.	CIRCUN.	AREA	DIAM.	CIRCUN.	AREA	DIAM.	CIRCUN.	AREA	DIAM.	CIRCUN.	AREA	DIAM.	CIRCUN.	AREA
1/64	.04909	.00019	2	6.2832	3.1416	6	18.850	28.274	14	43.982	153.94	22	69.115	380.13
1/32	.09818	.00077	2 1/16	6.4795	3.3410	6 1/8	19.242	29.465	14 1/8	44.375	156.70	22 1/8	69.508	384.46
3/64	.14726	.00173	2 1/8	6.6759	3.5466	6 1/4	19.635	30.680	14 1/4	44.768	159.48	22 1/4	69.900	388.82
1/16	.19635	.00307	2 3/16	6.8722	3.7583	6 3/8	20.028	31.919	14 3/8	45.160	162.30	22 3/8	70.293	393.20
3/32	.29452	.00690	2 1/4	7.0686	3.9761	6 1/2	20.420	33.183	14 1/2	45.553	165.13	22 1/2	70.686	397.61
			2 5/16	7.2649	4.2000	6 5/8	20.813	34.472	14 5/8	45.946	167.99	22 5/8	71.079	402.04
1/8	.39270	.01227	2 3/8	7.4613	4.4301	6 3/4	21.206	35.785	14 3/4	46.338	170.87	22 3/4	71.471	406.49
5/32	.49087	.01917	2 7/16	7.6576	4.6664	6 7/8	21.598	37.122	14 7/8	46.731	173.78	22 7/8	71.864	410.97
3/16	.58905	.02761												
7/32	.68722	.03758	2 1/2	7.8540	4.9087	7	21.991	38.485	15	47.124	176.71	23	72.257	415.48
			2 9/16	8.0503	5.1572	7 1/8	22.384	39.871	15 1/8	47.517	179.67	23 1/8	72.649	420.00
1/4	.78540	.04909	2 5/8	8.2467	5.4119	7 1/4	22.776	41.282	15 1/4	47.909	182.65	23 1/4	73.042	424.56
9/32	.88357	.06213	2 11/16	8.4430	5.6727	7 3/8	23.169	42.718	15 3/8	48.302	185.66	23 3/8	73.435	429.13
5/16	.98175	.07670	2 3/4	8.6394	5.9396	7 1/2	23.562	44.179	15 1/2	48.695	188.69	23 1/2	73.827	433.74
11/32	1.0799	.09281	2 13/16	8.8357	6.2126	7 5/8	23.955	45.664	15 5/8	49.087	191.75	23 5/8	74.220	438.36
			2 7/8	9.0321	6.4918	7 3/4	24.347	47.173	15 3/4	49.480	194.83	23 3/4	74.613	443.01
3/8	1.1781	.11045	2 15/16	9.2284	6.7771	7 7/8	24.740	48.707	15 7/8	49.873	197.93	23 7/8	75.006	447.69
13/32	1.2763	.12962												
7/16	1.3744	.15033	3	9.4248	7.0686	8	25.133	50.265	16	50.265	201.06	24	75.398	452.39
15/32	1.4726	.17257	3 1/16	9.6211	7.3662	8 1/8	25.525	51.849	16 1/8	50.658	204.22	24 1/8	75.791	457.11
			3 1/8	9.8175	7.6699	8 1/4	25.918	53.456	16 1/4	51.051	207.39	24 1/4	76.184	461.86
1/2	1.5708	.19635	3 3/16	10.014	7.9798	8 3/8	26.311	55.088	16 3/8	51.444	210.60	24 3/8	76.576	466.64
17/32	1.6690	.22166	3 1/4	10.210	8.2958	8 1/2	26.704	56.745	16 1/2	51.836	213.82	24 1/2	76.969	471.44
9/16	1.7671	.24850	3 5/16	10.407	8.6179	8 5/8	27.096	58.426	16 5/8	52.229	217.08	24 5/8	77.362	476.26
19/32	1.8653	.27688	3 3/8	10.603	8.9462	8 3/4	27.489	60.132	16 3/4	52.622	220.35	24 3/4	77.754	481.11
			3 7/16	10.799	9.2806	8 7/8	27.882	61.862	16 7/8	53.014	223.65	24 7/8	78.147	485.98
5/8	1.9635	.30680												
21/32	2.0617	.33824	3 1/2	10.996	9.6211	9	28.274	63.617	17	53.407	226.98	25	78.540	490.87
11/16	2.1598	.37122	3 9/16	11.192	9.9678	9 1/8	28.667	65.397	17 1/8	53.800	230.33	25 1/8	78.933	495.79
23/32	2.2580	.40574	3 5/8	11.388	10.321	9 1/4	29.060	67.201	17 1/4	54.192	233.71	25 1/4	79.325	500.74
			3 11/16	11.585	10.680	9 3/8	29.452	69.029	17 3/8	54.585	237.10	25 3/8	79.718	505.71
3/4	2.3562	.44179	3 3/4	11.781	11.045	9 1/2	29.845	70.882	17 1/2	54.978	240.53	25 1/2	80.111	510.71
25/32	2.4544	.47937	3 13/16	11.977	11.416	9 5/8	30.238	72.760	17 5/8	55.371	243.98	25 5/8	80.503	515.72
27/32	2.6507	.55914	3 15/16	12.370	12.177	9 7/8	31.023	76.589	17 7/8	56.156	250.95	25 7/8	81.289	525.84
7/8	2.7489	.60132	4	12.566	12.566	10	31.416	78.540	18	56.549	254.47	26	81.681	530.93
29/32	2.8471	.64504	4 1/16	12.763	12.962	10 1/8	31.809	80.516	18 1/8	56.941	258.02	26 1/8	82.074	536.05
15/16	2.9452	.69029	4 1/8	12.959	13.364	10 1/4	32.201	82.516	18 1/4	57.334	261.59	26 1/4	82.467	541.19
31/32	3.0434	.73708	4 3/16	13.155	13.772	10 3/8	32.594	84.541	18 3/8	57.727	265.18	26 3/8	82.860	546.35
			4 1/4	13.352	14.186	10 1/2	32.987	86.590	18 1/2	58.119	268.80	26 1/2	83.252	551.55
1	3.1416	.7854	4 5/16	13.548	14.607	10 5/8	33.379	88.664	18 5/8	58.512	272.45	26 5/8	83.645	556.76
1 1/16	3.3379	.8866	4 3/8	13.744	15.033	10 3/4	33.772	90.763	18 3/4	58.905	276.02	26 3/4	84.038	562.00
1 1/8	3.5343	.9940	4 7/16	13.941	15.466	10 7/8	34.165	92.886	18 7/8	59.298	279.81	26 7/8	84.430	567.27
1 3/16	3.7306	1.1075												
1 1/4	3.9270	1.2272	4 1/2	14.137	15.904	11	34.558	95.033	19	59.690	283.53	27	84.823	572.56
1 5/16	4.1233	1.3530	4 9/16	14.334	16.349	11 1/8	34.950	97.205	19 1/8	60.083	287.27	27 1/8	85.216	577.87
1 3/8	4.3197	1.4849	4 5/8	14.530	16.800	11 1/4	35.343	99.402	19 1/4	60.476	291.04	27 1/4	85.608	583.21
1 7/16	4.5160	1.6230	4 11/16	14.726	17.257	11 3/8	35.736	101.62	19 3/8	60.868	294.83	27 3/8	86.001	588.57
			4 3/4	14.923	17.721	11 1/2	36.128	103.87	19 1/2	61.261	298.65	27 1/2	86.394	593.96
1 1/2	4.7124	1.7671	4 13/16	15.199	18.190	11 5/8	36.521	106.14	19 5/8	61.654	302.49	27 5/8	86.786	599.37
1 9/16	4.9087	1.9175	4 7/8	15.315	18.665	11 3/4	36.914	108.43	19 3/4	62.046	306.35	27 3/4	87.179	604.81
1 5/8	5.1051	2.0739	4 15/16	15.512	19.147	11 7/8	37.306	110.75	19 7/8	62.439	310.24	27 7/8	87.572	610.27
1 11/16	5.3014	2.2365												
1 3/4	5.4978	2.4053	5	15.708	19.635	12	37.699	113.10	20	62.832	314.16	28	87.965	615.75
1 13/16	5.6941	2.5802	5 1/16	15.904	20.129	12 1/8	38.092	115.47	20 1/8	63.225	318.10	28 1/8	88.357	621.26
1 7/8	5.8905	2.7612	5 1/8	16.101	20.629	12 1/4	38.485	117.86	20 1/4	63.617	322.06	28 1/4	88.750	626.80
1 15/16	6.0868	2.9483	5 3/16	16.297	21.135	12 3/8	38.887	120.28	20 3/8	64.010	326.05	28 3/8	89.143	632.36
			5 1/4	16.493	21.648	12 1/2	39.270	122.72	20 1/2	64.403	330.06	28 1/2	89.535	637.94
			5 5/16	16.690	22.166	12 5/8	39.663	125.19	20 5/8	64.795	334.10	28 5/8	89.928	643.55
			5 3/8	16.886	22.691	12 3/4	40.055	127.68	20 3/4	65.188	338.16	28 3/4	90.321	649.18
			5 7/16	17.082	23.221	12 7/8	40.448	130.19	20 7/8	65.581	342.25	28 7/8	90.713	654.84
			5 1/2	17.279	23.758	13	40.841	132.73	21	65.973	346.36	29	91.106	660.52
			5 9/16	17.475	24.301	13 1/8	41.233	135.30	21 1/8	66.366	350.50	29 1/8	91.499	666.23
			5 5/8	17.671	24.850	13 1/4	41.626	137.89	21 1/4	66.759	354.66	29 1/4	91.892	671.96
			5 11/16	17.868	25.406	13 3/8	42.019	140.50	21 3/8	67.152	358.84	29 3/8	92.284	677.71
			5 3/4	18.064	25.967	13 1/2	42.412	143.14	21 1/2	67.544	363.05	29 1/2	92.677	683.49
			5 13/16	18.261	26.535	13 5/8	42.804	145.80	21 5/8	67.937	367.28	29 5/8	93.070	689.30
			5 7/8	18.457	27.109	13 3/4	43.197	148.49	21 3/4	68.330	371.54	29 3/4	93.462	695.13
			5 15/16	18.653	27.688	13 7/8	43.590	151.20	21 7/8	68.722	375.83	29 7/8	93.855	700.98