
























































ÁREA DE AULAS ACERO

PLANILLA DE ACERO BLOQUE DE AULAS												
Imagen de forma	Ubicación	Tipo	Marca	Cant.	Díametro de barra (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Longitud de barra (m)	Longitud Total de Barra (m)	Peso Total (kg)
	PLINTO P1	ACERO HORIZONTAL	MC001	200	12	150	920	150	0	1.16	232.00	206.04
	PLINTO P2	ACERO HORIZONTAL	MC002	191	12	150	1120	150	0	1.36	259.76	230.70
	PLINTO P3	ACERO HORIZONTAL	MC003	56	12	150	1420	150	9	1.66	92.96	82.56
	PLINTO P4	ACERO HORIZONTAL	MC004	34	12	150	1720	150	0	1.96	58.64	58.18
	RIOSTRA	ESTRIBO	MC005	1084	8	220	120	100	100	0.78	842.81	332.67
	RIOSTRA	ACERO HORIZONTAL	MC006	10	12	150	4850			4.98	49.84	44.27
	RIOSTRA	ACERO HORIZONTAL	MC007	10	12	800	57	10350	40	11.66	116.63	103.58
	RIOSTRA	ACERO HORIZONTAL	MC008	10	12	150	6850			6.98	69.85	62.03
	RIOSTRA	ACERO HORIZONTAL	MC009	10	12	10269	46	600	40	11.04	110.35	98.01
	RIOSTRA	ACERO HORIZONTAL	MC010	10	12	150	11850			11.98	119.85	106.44
	RIOSTRA	ACERO HORIZONTAL	MC011	24	12	150	2460	150	0	2.70	64.80	57.55
	RIOSTRA	ACERO HORIZONTAL	MC012	8	12	150	2520	150	0	2.76	22.08	19.61
	RIOSTRA	ACERO HORIZONTAL	MC013	14	12	150	9790			9.92	136.94	123.40
	RIOSTRA	ACERO HORIZONTAL	MC014	6	12	7088	46	600	40	7.85	47.13	41.85
	RIOSTRA	ACERO HORIZONTAL	MC015	8	12	7150	46	600	40	1.92	63.33	56.34
	ZAPATA1	ACERO HORIZONTAL	MC016	9	12	200	820	200	0	1.16	10.44	9.27
	ZAPATA1	ACERO HORIZONTAL	MC017	5	12	200	1320	200	0	1.66	8.30	7.37
	ZAPATA2	ACERO HORIZONTAL	MC018	9	12	200	470	200	0	0.81	7.29	6.47
	ZAPATA2	ACERO HORIZONTAL	MC019	3	12	200	1669	200	0	2.01	6.03	5.35
	ZAPATA3	ACERO HORIZONTAL	MC020	7	12	200	670	200	0	1.01	7.07	6.28
	ZAPATA3	ACERO HORIZONTAL	MC021	4	12	200	1145	200	0	1.48	5.94	5.28
	ZAPATA4	ACERO HORIZONTAL	MC022	8	12	170	1020	170	0	1.30	10.40	9.24
	ZAPATA4	ACERO HORIZONTAL	MC023	6	12	170	1620	170	0	2.20	13.20	11.72
	MURO	ACERO HORIZONTAL	MC024	10	12	218	1420	218	0	1.80	17.97	15.96
	MURO	ACERO VERTICAL	MC025	9	12	981	599			1.57	14.09	12.51
	MURO	ACERO VERTICAL	MC026	9	12	1106	918	600	950	2.59	23.35	20.74
	CH2-CIMENT	ESTRIBO	MC027	14	10	320	220	129	129	1.24	17.33	10.69
	CH2-CIMENT	ACERO VERTICAL	MC028	6	16	200	894	600	0	1.61	9.68	15.29
	CH2-CIMENT	ACERO VERTICAL	MC029	4	16	100	894	600	0	1.51	8.05	9.56
	CH2-CIMENT	ACERO VERTICAL	MC030	6	16	200	894	200	0	1.21	7.28	11.50
	VH1-CIMENT	ESTRIBO	MC031	13	10	320	170	129	129	1.14	14.79	9.12
	VH1-CIMENT	ACERO HORIZONTAL	MC032	4	12	200	1288	200	0	1.63	6.51	5.78
	VH1-CIMENT	GUÍA	MC033	2	10	199	1286	199	0	1.63	3.27	2.02
	VH1-CIMENT	ACERO HORIZONTAL	MC034	8	12	200	1089	200	0	1.43	11.43	10.15
	VH1-CIMENT	GUÍA	MC035	4	10	199	1087	199	0	1.43	5.74	3.54

PLANILLA DE ACERO BLOQUE DE AULAS												
Imagen de forma	Ubicación	Tipo	Marca	Cant.	Díametro de barra (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Longitud de barra (m)	Longitud Total de Barra (m)	Peso Total (kg)
	DADO 1	ESTRIBO	MC036	28	10	170	170	129	129	0.84	23.46	14.47
	DADO 1	ACERO VERTICAL	MC037	24	16	160	894	300	0	1.27	30.56	48.26
	DADO 1	ACERO VERTICAL	MC038	9	16	100	894	300	0	1.21	10.92	17.24
	COLUMNA CH1_A	ESTRIBO	MC039	984	10	220	220	129	129	1.04	1021.20	629.83
	COLUMNA CH1_B	ESTRIBO	MC040	510	10	220	220	129	129	1.04	529.28	326.43
	COLUMNA CH1_A	ACERO VERTICAL	MC041	2	16	800	10122	300	0	11.14	22.28	35.18
	COLUMNA CH1_A	ACERO VERTICAL	MC042	63	16	800	10122	500	0	11.34	714.53	1128.15
	COLUMNA CH1_A	ACERO VERTICAL	MC043	25	16	800	10122	400	0	11.24	281.04	443.73
	COLUMNA CH1_A	ACERO VERTICAL	MC044	6	16	200	10122	500	0	10.74	64.45	101.76
	COLUMNA CH1_B	ACERO VERTICAL	MC045	3	16	200	6543	400	0	7.06	21.19	33.45
	COLUMNA CH1_B	ACERO VERTICAL	MC046	57	16	200	6543	485	0	7.15	407.41	643.25
	COLUMNA CH1_B	ACERO VERTICAL	MC047	20	16	130	6542	400	0	6.99	139.85	220.81
	COLUMNA CH2	ESTRIBO	MC048	1248	10	320	220	129	129	1.24	1544.79	952.74
	COLUMNA CH2	ACERO VERTICAL	MC049	93	16	800	10109				1063.05	1675.42
	COLUMNA CH2	ACERO VERTICAL	MC050	36	16	800	10119				408.30	644.66
	COLUMNA CH2	ACERO VERTICAL REF	MC051	48	16	2400				2.40	115.20	181.89
	COLUMNA CH2	ACERO VERTICAL REF	MC052	47	16	800	1359			2.14	100.50	158.68
	COLUMNA CH3	ESTRIBO	MC053	312	10	420	220	129	129	1.44	448.60	276.67
	COLUMNA CH3	ACERO VERTICAL	MC054	32	16	800	10112	700	0	11.53	369.02	582.64
	COLUMNA CH3	ACERO VERTICAL	MC055	8	16	800	10112	600	0	11.43	91.46	144.40
	COLUMNA CH3	ACERO VERTICAL REF	MC056	24	16	2500				2.50	60.00	94.73
	COLUMNA CH3	ACERO VERTICAL REF	MC057	6	16	800	1380			1.78	28.28	27.28
	NIVEL 1	ESTRIBO	MC058	1754	10	320	170	100	100	1.08	1864.32	1168.32
	NIVEL 1	ESTRIBO	MC059	176	10	420	220	100	100	1.38	242.88	149.80
	NIVEL 1	ACERO HORIZONTAL	MC060	17	14	200	11800			11.98	203.89	246.23
	NIVEL 1	ACERO HORIZONTAL	MC061	8	14	10300	58	600	50	11.14	89.11	107.72
	NIVEL 1	ACERO HORIZONTAL	MC062	12	14	6471	58	600	50	7.31	87.72	106.03
	NIVEL 1	ACERO HORIZONTAL	MC063	6	14	600	78	4604	49	5.96	35.76	43.22
	NIVEL 1	ACERO HORIZONTAL	MC064	16	14	200	6800			6.98	125.68	151.92
	NIVEL 1	GUÍA	MC065	12	10	200	11800			11.99	94.85	88.72
	NIVEL 1	ACERO HORIZONTAL	MC066	9	14	600	78	8124	49	9.48	85.32	103.13
	NIVEL 1	GUÍA	MC067	10	10	10300	58	600	46	11.13	111.31	98.65
	NIVEL 1	ACERO HORIZONTAL	MC068	3	16	1712	310	5229	125	9.22	27.66	43.67
	NIVEL 1	ACERO HORIZONTAL	MC069	3	16	6471	56	600	50	7.30	21.91	34.59
	NIVEL 1	ACERO HORIZONTAL	MC070	1	16	7385	0	0	0	7.39	7.39	11.66

PLANILLA DE ACERO BLOQUE DE AULAS												
Imagen de forma	Ubicación	Tipo	Marca	Cant.	Díametro de barra (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Longitud de barra (m)	Longitud Total de Barra (m)	Peso Total (kg)
	NIVEL 1	ACERO HORIZONTAL	MC071	19	16	2000	0	0	0	2.00	38.00	60.00
	NIVEL 1	REFUERZO SUPERIOR	MC072	6	18	200	11800			11.98	71.86	143.60
	NIVEL 1	REFUERZO SUPERIOR	MC073	2	18	10300	56	600	50	11.14	22.27	44.51
	NIVEL 1	REFUERZO SUPERIOR	MC074	3	18	6471	58	600	52	7.31	21.93	43.81
	NIVEL 1	REFUERZO SUPERIOR	MC075	3	18	609	110	3116	63	5.41	16.23	32.43
	NIVEL 1	REFUERZO SUPERIOR	MC076	3	18	279	1910			2.16	6.49	12.98
	NIVEL 1	REFUERZO SUPERIOR	MC077	10	18	2318	0	0	0	2.32	23.18	46.32
	NIVEL 1	REFUERZO SUPERIOR	MC078	3	18	2825	245			3.05	9.14	18.27
	NIVEL 1	ACERO HORIZONTAL	MC079	4	14	200	5628	200	0	5.96	23.83	28.81
	NIVEL 1	GUÍA	MC080	2	10	200	5628	200	0	5.98	11.96	7.37
	NIVEL 1	ACERO HORIZONTAL	MC081	3	16	7143	56	600	50	7.98	23.95	37.81
	NIVEL 1	ACERO HORIZONTAL	MC082	6	16	200	9800			9.98	59.88	94.54
	NIVEL 1	ACERO HORIZONTAL	MC083	10	16	200	4900			5.08	50.79	80.20
	NIVEL 1	ACERO HORIZONTAL	MC084	22	14	7120	61	600	52	7.97	175.35	211.97
	NIVEL 1	ACERO HORIZONTAL	MC085	8	16	600	80	6900	50	8.26	49.56	78.25
	NIVEL 1	ACERO HORIZONTAL	MC086	15	14	200	9800			9.98	149.73	181.00
	NIVEL 1	GUÍA	MC087	10	10	200	9800			9.99	99.87	81.60
	NIVEL 1	GUÍA	MC088	14	10	7120	60	600	49	7.96	111.37	88.69
	NIVEL 1	ACERO HORIZONTAL	MC089	6	16	200	1789			1.97	11.81	18.65
	NIVEL 1	ACERO HORIZONTAL	MC090	6	14	200	11100			11.28	67.69	81.83
	NIVEL 1	ACERO HORIZONTAL	MC091	6	14	200	3786			3.97	23.81	28.78
	NIVEL 1	GUÍA	MC092	6	10	200	11100			11.29	67.72	41.77
	NIVEL 1	ACERO HORIZONTAL	MC093	2	16	200	2482			2.68	5.32	8.40
	NIVEL 1	ACERO HORIZONTAL	MC094	2	14	4800	58	600	50	5.64	11.28	13.63
	NIVEL 1	ACERO HORIZONTAL	MC095	2	14	200	11000			11.18	22.36	27.03
	NIVEL 1	ACERO HORIZONTAL	MC096	3	14	200	10164			10.35	31.04	37.52
	NIVEL 1	ACERO HORIZONTAL	MC097	2	14	5786	49	600	43	6.59	13.18	15.94
	NIVEL 1	GUÍA	MC098	2	10	4800	56	600	46	5.63	11.26	6.95
	NIVEL 1	ACERO HORIZONTAL	MC099	6	16	1900	0	0	0	1.90	1	1.00
	NIVEL 1	ACERO HORIZONTAL	MC100	2	16	200	2388			2.57	5.13	8.11
	NIVEL 1	ACERO HORIZONTAL	MC101	9	14	200	2450	200	0	2.78	25.02	30.24
	NIVEL 1	GUÍA	MC102	6	10	200	2450	200	0	2.80	16.80	10.36
	NIVEL 1	ACERO HORIZONTAL	MC103	8	14	310	11160	310	0	11.71	70.26	84.93
	NIVEL 1	ACERO HORIZONTAL	MC104	4	16	200	2450	200	0	2.77	11.08	17.49
	NIVEL 1	GUÍA	MC105	2	10	307	11160	300	0	11.72	23.43	14.45
	NIVEL 1	ACERO HORIZONTAL	MC106	2	16	1720	200			1.90	3.80	6.00
	NIVEL 1	ACERO HORIZONTAL	MC107	2	16	1700	0	0	0	1.70	3.40	5.37
	NIVEL 1	ACERO HORIZONTAL	MC108	2	16	200	1708			1.89	3.77	5.86
	NIVEL 1	ACERO HORIZONTAL	MC109	4	14	200	3600	200	0	3.93	15.72	19.00
	NIVEL 1	GUÍA	MC110	2	10	200	3600	200	0	3.95	7.90	4.87
	NERVIO	VINCHA	MC111	5000	8	71	67	168	66	0.36	1810.74	714.73
	NERVIO	ACERO HORIZONTAL	MC112	9	12	150	1526	150	0	1.77	15.89	14.12
	NERVIO	ACERO HORIZONTAL	MC113	11	12	200	1526	200	0	1.87	20.53	18.23
	NERVIO	ACERO HORIZONTAL	MC114	5	12	200	8548			8.73	43.66	38.78
	NERVIO	ACERO HORIZONTAL	MC115	23	12	200	11800			11.98	275.64	244.88
	NERVIO	ACERO HORIZONTAL	MC116	5	12	3762	45	600	39	4.58	22.89	20.33
	NERVIO	ACERO HORIZONTAL	MC117	51	12	7000	44	600	38	7.81	396.50	353.93
	NERVIO	ACERO HORIZONTAL	MC118	28	12	8100				8.10	226.80	201.43
	NERVIO	ACERO HORIZONTAL	MC119	28	12	10326	44	600	38	11.14	311.93	277.03
	BASE CUB2	ESTRIBO	MC120	1287	10	320	170	100	100	1.08	1389.95	857.25
	BASE CUB2	ACERO HORIZONTAL	MC121	4	16	200	2400			2.58	10.32	16.29
	BASE CUB2	ACERO HORIZONTAL	MC122	4	16	200	2623			2.80	11.21	17.70
	BASE CUB2	ACERO HORIZONTAL	MC123	2	16	200	3600			3.78	7.56	11.93
	BASE CUB2	ACERO HORIZONTAL	MC124	6	16	200	3624	200	0	3.94	23.66	37.36
	BASE CUB2	ACERO HORIZONTAL	MC125	4	16	200	5000			5.18	20.72	32.71
	BASE CUB2	ACERO HORIZONTAL	MC126	4	16	200	6800			6.98	27.92	44.08
	BASE CUB2	ACERO HORIZONTAL	MC127	4	16	200	7480			7.68	30.64	48.37
	BASE CUB2	ACERO HORIZONTAL	MC128	4	16	200	9700			9.88	39.52	62.39
	BASE CUB2	ACERO HORIZONTAL	MC129	2	16	200	9750			9.93	19.86	31.35
	BASE CUB2	ACERO HORIZONTAL	MC130	4	16	200	9800			9.98	39.92	63.02
	BASE CUB2	ACERO HORIZONTAL	MC131	14	16	200	11800			11.98	167.71	264.80
	BASE CUB2	ACERO VERTICAL	MC132	4	16	214	4660			4.85	19.42	30.65
	BASE CUB2	ACERO HORIZONTAL	MC133	2	16	308	3624	300	0	4.16	8.32	13.14
	BASE CUB2	ACERO HORIZONTAL	MC134	2	16	600	80	3120	50	4.48	8.96	14.15
	BASE CUB2	ACERO HORIZONTAL	MC135	4	16	600	80	4600	50	5.96	23.84	37.64
	BASE CUB2	ACERO HORIZONTAL	MC136	4	16	600	80	6900	50	8.26	33.04	52.17
	BASE CUB2	ACERO HORIZONTAL	MC137	4	16	600	80	8120	50	9.48	37.92	58.87
	BASE CUB2	ACERO HORIZONTAL	MC138	6	16	4800	56	600	50	5.64	33.84	53.43
	BASE CUB2	ACERO HORIZONTAL	MC139	4	16	4900	56	600	50	5.74	22.98	36.25
	BASE CUB2	ACERO HORIZONTAL	MC140	9	16	6470	56	600	50	7.31	65.79	103.88
	BASE CUB2	ACERO HORIZONTAL	MC141	2	16	9075				9.07	18.15	28.66
	BASE CUB2	ACERO HORIZONTAL	MC142	4	16	9870	62	666	54	10.78	43.13	69.09
	BASE CUB2	ACERO HORIZONTAL	MC143	10	16	10300	56	600	49	11.14	111.40	158.89
	BASE CUB2	GUÍA	MC144	2	10	200	3600	200	0	3.95	7.90	4.87
	BASE CUB2	GUÍA	MC145	4	10	200	9697			9.88	39.54	24.38
	BASE CUB2	GUÍA	MC146	6	10	200	9747			9.93	59.60	36.76
	BASE CUB2	GUÍA	MC147	6	10	200	11797			11.98	71.90	44.35
	BASE CUB2	GUÍA	MC148	2	10	305	3618	200	0	4.07	8.15	5.02
	BASE CUB2	GUÍA	MC149	6	10	4803	57	600	47	5.64	33.81	20.85
	BASE CUB2	GUÍA	MC150	4	10	4903	57	600	47	5.74	22.94	14.15
	BASE CUB2	GUÍA	MC151	6	10	10300	61	600	50	11.14	66.81	41.21
	BASE CUB2	GUÍA	MC152	2	10	9673	58	660	48	10.71	21.41	13.21
	BASE CUB2	GUÍA	MC153	2	10	200	4657			4.64	9.69	5.98
	ESCALERA1	ACERO HORIZONTAL	MC154	9	12	1395	5772	624	2669	7.79	70.11	62.27
	ESCALERA1	ACERO HORIZONTAL	MC155	46	12	1460				1.45	66.70	59.24
	ESCALERA1	ACERO HORIZONTAL	MC156	11	12	900	1202	230	464	2.30	25.32	22.49
	ESCALERA1	ACERO HORIZONTAL	MC157	8	12	232	1966			2.18	17.46	15.41
	ESCALERA1	ACERO HORIZONTAL	MC158	8	12	1660	0	0	0	1.66	9.96	8.85
	ESCALERA1	ACERO HORIZONTAL	MC159	9	12	1689	238			1.81	17.20	15.28
	ESCALERA1	ACERO HORIZONTAL	MC160	9	12	1118	112	2060	187	2.28	20.50	18.21
	ESCALERA1	ACERO HORIZONTAL	MC161	9	12	724	1406	150	373	2.25	20.25	17.98
	ESCALERA1	ACERO REFUERZO	MC162	9	12	1388				1.40	12.58	11.17
	ESCALERA1	ACERO REFUERZO	MC163	11	12	1347				1.35	14.81	13.16
	ESCALERA1	ACERO REFUERZO	MC164	9	12	186	98	988	159	1.17	10.57	9.39