



**AISS 136 DESIGN MEMBER INTERNAL AND PROPERTY VIEW**

S.I.M.M. Name	S.M. Name	M.I.S.M. Name	Shape Name	Profile Name	Profile ID

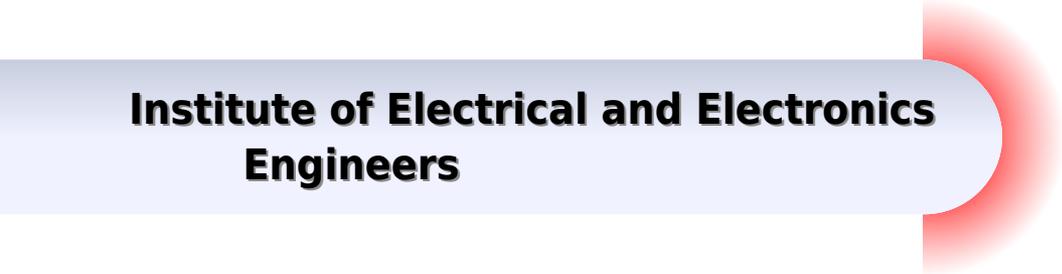
□

**V.M.S. and W.P. Section Properties from AISI**

Shape	A	I <sub>x</sub>	I <sub>y</sub>	J	C <sub>x</sub>	C <sub>y</sub>	r <sub>x</sub>	r <sub>y</sub>	Z <sub>x</sub>	Z <sub>y</sub>	S <sub>x</sub>	S <sub>y</sub>	J <sub>c</sub>	P <sub>0.1</sub>	P <sub>0.2</sub>	P <sub>0.5</sub>	P <sub>1.0</sub>	P <sub>2.0</sub>	P <sub>5.0</sub>	P <sub>10.0</sub>	P <sub>20.0</sub>	P <sub>50.0</sub>	P <sub>100.0</sub>
W10x15	4.41	101	101	0.00	1.50	1.50	4.80	4.80	23.1	23.1	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x22	6.49	148	148	0.00	1.69	1.69	5.40	5.40	31.2	31.2	1.69	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x30	8.84	200	200	0.00	1.91	1.91	6.00	6.00	40.9	40.9	1.91	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x40	11.7	260	260	0.00	2.17	2.17	6.70	6.70	54.6	54.6	2.17	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x54	15.6	350	350	0.00	2.50	2.50	7.80	7.80	73.9	73.9	2.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x68	19.7	450	450	0.00	2.87	2.87	9.10	9.10	98.0	98.0	2.87	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x87	25.3	580	580	0.00	3.30	3.30	10.5	10.5	127	127	3.30	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x117	33.8	770	770	0.00	3.80	3.80	12.3	12.3	170	170	3.80	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x147	43.8	1000	1000	0.00	4.30	4.30	14.4	14.4	221	221	4.30	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x170	49.4	1140	1140	0.00	4.50	4.50	15.0	15.0	248	248	4.50	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x210	64.7	1500	1500	0.00	5.10	5.10	17.1	17.1	323	323	5.10	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x277	86.7	1980	1980	0.00	5.90	5.90	19.6	19.6	428	428	5.90	5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x330	103	2300	2300	0.00	6.30	6.30	20.8	20.8	500	500	6.30	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x426	133	2980	2980	0.00	7.20	7.20	23.6	23.6	659	659	7.20	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x540	174	3880	3880	0.00	8.20	8.20	26.8	26.8	871	871	8.20	8.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x660	221	4900	4900	0.00	9.30	9.30	30.0	30.0	1120	1120	9.30	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x840	286	6300	6300	0.00	10.6	10.6	34.0	34.0	1450	1450	10.6	10.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x1050	364	8000	8000	0.00	12.1	12.1	38.5	38.5	1880	1880	12.1	12.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x1310	458	10000	10000	0.00	13.8	13.8	43.5	43.5	2430	2430	13.8	13.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x1600	580	12500	12500	0.00	15.6	15.6	49.0	49.0	3120	3120	15.6	15.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x2000	740	16000	16000	0.00	17.8	17.8	56.0	56.0	4000	4000	17.8	17.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x2500	940	20000	20000	0.00	20.0	20.0	63.0	63.0	5100	5100	20.0	20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x3100	1200	25000	25000	0.00	22.5	22.5	71.0	71.0	6500	6500	22.5	22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x3800	1530	32000	32000	0.00	25.5	25.5	80.0	80.0	8300	8300	25.5	25.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x4700	1970	41000	41000	0.00	29.0	29.0	91.0	91.0	10700	10700	29.0	29.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x5800	2530	52000	52000	0.00	32.5	32.5	103	103	13800	13800	32.5	32.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x7100	3200	66000	66000	0.00	36.5	36.5	117	117	17800	17800	36.5	36.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x8700	4080	84000	84000	0.00	41.0	41.0	133	133	23200	23200	41.0	41.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x10600	5180	107000	107000	0.00	46.0	46.0	150	150	29800	29800	46.0	46.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x12900	6530	136000	136000	0.00	51.5	51.5	169	169	38000	38000	51.5	51.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x15700	8280	172000	172000	0.00	58.0	58.0	190	190	49000	49000	58.0	58.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x19100	10500	218000	218000	0.00	65.5	65.5	214	214	63000	63000	65.5	65.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x23100	13300	280000	280000	0.00	74.0	74.0	241	241	81000	81000	74.0	74.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x27800	16800	358000	358000	0.00	83.5	83.5	271	271	104000	104000	83.5	83.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x34200	21300	458000	458000	0.00	94.5	94.5	304	304	134000	134000	94.5	94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x41500	26900	585000	585000	0.00	107	107	340	340	172000	172000	107	107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x50000	33800	745000	745000	0.00	121	121	380	380	220000	220000	121	121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x60000	43000	950000	950000	0.00	138	138	425	425	282000	282000	138	138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x72000	54800	1220000	1220000	0.00	157	157	475	475	360000	360000	157	157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x87000	70000	1570000	1570000	0.00	178	178	530	530	460000	460000	178	178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x105000	89000	2000000	2000000	0.00	200	200	590	590	590000	590000	200	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x127000	112000	2550000	2550000	0.00	225	225	655	655	750000	750000	225	225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x153000	140000	3250000	3250000	0.00	255	255	725	725	950000	950000	255	255	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x183000	175000	4150000	4150000	0.00	290	290	800	800	1200000	1200000	290	290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x218000	218000	5250000	5250000	0.00	325	325	880	880	1520000	1520000	325	325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x258000	270000	6600000	6600000	0.00	365	365	970	970	1920000	1920000	365	365	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x303000	330000	8250000	8250000	0.00	410	410	1070	1070	2420000	2420000	410	410	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x355000	395000	10200000	10200000	0.00	460	460	1180	1180	3020000	3020000	460	460	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x415000	475000	12500000	12500000	0.00	515	515	1300	1300	3720000	3720000	515	515	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x485000	575000	15200000	15200000	0.00	575	575	1430	1430	4520000	4520000	575	575	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x565000	695000	18500000	18500000	0.00	640	640	1570	1570	5520000	5520000	640	640	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W10x655000	835000	22500000	22500000	0.00	710	710	1720	1720	6720000	6720000	710												

# Excel Spreadsheets For Structural Engineers Solution Manual

**Institute of Electrical and Electronics  
Engineers**



## **Excel Spreadsheets For Structural Engineers Solution Manual:**

The Top Books of the Year Excel Spreadsheets For Structural Engineers Solution Manual The year 2023 has witnessed a noteworthy surge in literary brilliance, with numerous captivating novels enthraling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have captivated audiences this year. Excel Spreadsheets For Structural Engineers Solution Manual : Colleen Hoover's "It Ends with Us" This touching tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Excel Spreadsheets For Structural Engineers Solution Manual : Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, entrancing readers with its evocative prose and mesmerizing setting. These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a masterful and thrilling novel that will keep you wondering until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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