

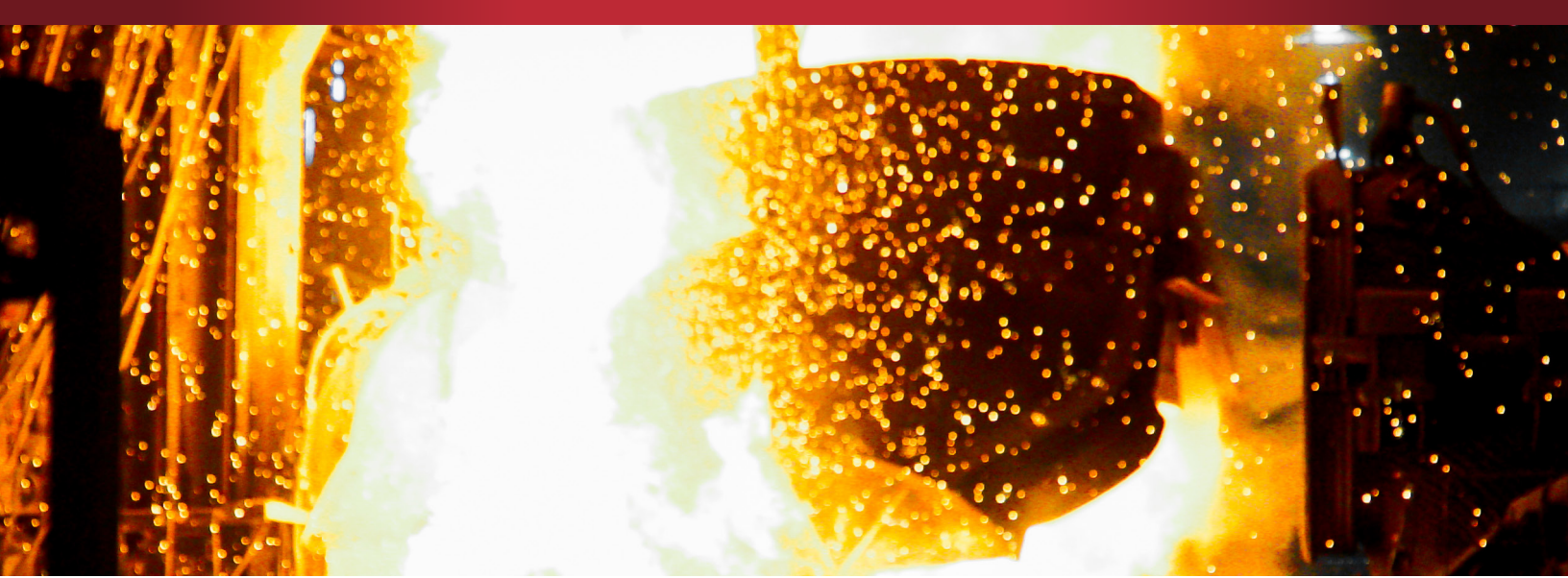


A572-65

# STRENGTH THROUGHOUT.

**A572-65, as offered by Steel Dynamics, is high-performance structural steel, engineered for superior strength and durability through advanced microalloying.** With a minimum yield strength of 65 KSI, A572-65 delivers enhanced mechanical performance—making it the ideal choice for heavy construction, critical infrastructure, and large-scale projects. Melted and manufactured in the USA to meet or exceed ASTM specifications, A572-65 provides the confidence engineers demand and the reliability builders trust.





# A572-65 | Superior Strength

## HSM WF Section Offering

FOOTWEIGHTS (PLF)	W10x	W12x	W14x	W16x	W18x	W21x	W24x	W27x	W30x	W33x	W36x
	49	53	61	67	76	44	55	84	90	118	135
	54	58	68	77	86	48	62	94	99	130	150
	60	65	74	89	97	50	68	102	108	141	160
	68	72	82	100	106	55	76	114	116	152	170
	77	79	90		119	57	84	129	124	169	182
	88	87	99		130	62	94	146	132		194
	100	96	109		143	68	103	161	148		210
	112	106	120		158	73	104	178			232
		120	132		175	83	117	194			256
		136	145		192	93	131				
	152	159		211	101	146					
	170	176		234	111	162					
	190	193		258	122	176					
	210	211			132	192					
	230	233			147	207					
	252	257			166	229					
	279	283			182	250					
		311			201	279					
					223						
					248						
					275						

KEY
BB2
BB3
BB4
BB5
BB6

Standard	A992	A572-65	A913-65
<b>Min. Yield (KSI)</b>	50	65	65
<b>Min. Tensile (KSI)</b>	65	80	80
<b>Min. Percent Elongation</b>	18	15	15
<b>Max. Yield-to-Tensile Ratio</b>	0.85	N/A	N/A
<b>Charpy Impact Requirements</b>	At customer request	At customer request	40 ft-lbs at 70°F
<b>Max. Carbon Equivalence (CE)</b>	0.45	Inquire	0.43

CVN testing of shapes with flange thickness 1.5" and greater can be ordered for core location testing.

Grade	Thickness (in.)	Preheat
A992	0.125-0.75	32°F/70°F
	0.75-1.5	50°F
	1.5-2.5	150°F
	Over 2.5	225°F
A572-65	0.125-0.75	50°F
	0.75-1.5	150°F
	1.5-2.5	225°F
	Over 2.5	300°F
A913-65	All sizes over 0.125	32°F/70°F*

\*When welding an A913 beam to a beam of a different grade, the weld area must be preheated to the highest specified temperature, per AWS D1.1.