

Size (in)	Nom. Weight (lb/ft)	Upset/ Grade	Connection	(W) Adjusted wt (lb/ft)	Standard Size (in)		
					OD	ID	
2-3/8	6.65	EU-E	NC26	6.92	3-3/8	1-3/4	
		EU	OH	6.83	3-1/4	1-3/4	
		IU	PAC	6.71	2-7/8	1-3/8	
		EU	SLH90	6.73	3-1/4	2	
		EU-X	NC26	7.01	3-3/8	1-3/4	
		EU	SLH90	6.89	3-1/4	1-13/16	
		EU-G	NC26	7.01	3-3/8	1-3/4	
		EU	SLH90	6.89	3-1/4	1-13/16	
2-7/8	10.4	EU-E	NC31	10.76	4-1/8	2-1/8	
		EU	OH	10.51	3-7/8	2-5/32	
		IU	PAC	10.15	3-1/8	1-1/2	
		EU	SLH90	10.51	3-7/8	2-5/32	
		IU	XH	10.99	4-1/4	1-7/8	
		IU	NC26	10.28	3-3/8	1-3/4	
		EU-X	NC31	10.96	4-1/8	2	
		EU	SLH90	10.84	4	2	
		EU-G	NC31	10.96	4-1/8	2	
		EU	SLH90	10.84	4	2	
		EU-S	NC31	11.38	4-3/8	1-5/8	
		EU	SLH90	11.12	4-1/8	1-5/8	
3-1/2	13.3	EU-E	H90	14.41	5-1/4	2-3/4	
		EU	NC38	13.77	4-3/4	2-11/16	
		EU	OH	13.77	4-3/4	2-11/16	
		IU	NC31	13.4	4-1/8	2-1/8	
		EU	XH	13.94	4-3/4	2-7/16	
		EU-X	H90	14.63	5-1/4	2-3/4	
		EU	NC38	14.41	5	2-9/16	
		EU	SLH90	14.07	4-3/4	2-9/16	
		EU-G	NC38	14.49	5	2-7/16	
		EU	SLH90	14.07	4-3/4	2-9/16	
		EU-S	NC38	14.69	5	2-1/8	
		EU	SLH90	14.69	5	2-1/8	
	EU	NC40	15.04	5-3/8	2-7/16		
	15.5	15.5	EU-E	NC38	16.39	5	2-9/16
			EU-X	NC38	16.69	5	2-7/16
			EU-G	NC38	16.88	5	2-1/8
			EU	NC40	16.96	5-1/4	2-9/16
			EU-S	NC38	16.88	5	2-1/8
EU			NC40	17.56	5-1/2	2-1/4	

Size (in)	Nom. Weight (lb/ft)	Upset/Grade	Connection	(W) Adjusted wt (lb/ft)	Standard Size (in)			
					OD	ID		
4	14	IU-E	NC40	15.06	5-1/4	2-13/16		
		IU	H90	15.41	5-1/2	2-13/16		
		EU	NC46	15.85	6	3-1/4		
		EU	OH	15.03	5-1/2	3-1/4		
		IU	SH	14.37	4-5/8	2-9/16		
		IU-X	NC40	15.3	5-1/4	2-11/16		
		IU	H90	15.55	5-1/2	2-13/16		
		EU	NC46	16.14	6	3-1/4		
		IU-G	NC40	15.9	5-1/2	2-7/16		
		IU	H90	15.55	5-1/2	2-13/16		
		EU	NC46	16.14	6	3-1/4		
		IU-S	NC40	16.18	5-1/2	2		
		IU	H90	15.55	5-1/2	2-13/16		
		EU	NC46	16.38	6	3		
	15.7	IU-E	NC40	16.81	5-1/4	2-11/16		
		IU	H90	17.07	5-1/2	2-13/16		
		EU	NC46	17.51	6	3-1/4		
		IU-X	NC40	17.55	5-1/2	2-7/16		
		IU	H90	17.17	5-1/2	2-13/16		
		EU	NC46	17.75	6	3-1/4		
		IU-G	NC40	17.55	5-1/2	2-7/16		
		IU	H90	17.17	5-1/2	2-13/16		
		EU	NC46	17.75	6	3-1/4		
		IU-S	NC46	18.03	6	3		
		4-1/2	16.6	IEU-E	FH	18.14	6	3
				IEU	H90	17.81	6	3-1/4
				EU	NC50	17.98	6-3/8	3-3/4
				EU	OH	17.1	5-7/8	3-3/4
IEU	NC38			16.79	5	2-11/16		
IEU	NC46			18.37	6-1/4	3-1/4		
IEU-X	FH			18.62	6	3		
IEU	H90			18.39	6	3-1/4		
EU	NC50			18.34	6-3/8	3-3/4		
IEU	NC46			18.88	6-1/4	3		
IEU-G	FH			18.62	6	3		
IEU	H90			18.39	6	3-1/4		
EU	NC50			18.34	6-3/8	3-3/4		
IEU	NC46			18.88	6-1/4	3		
IEU-S	FH			19.28	6-1/4	2-1/2		
IEU	H90			18.42	6	3		
EU	NC50		18.61	6-3/8	3-1/2			
IEU	NC46		19.09	6-1/4	2-3/4			
20	IEU-E		FH	21.63	6	3		
	IEU		H90	21.63	6	3		
	EU		NC50	21.62	6-3/8	3-5/8		
	IEU		NC46	22.09	6-1/4	3		
	IEU-X		FH	22.29	6	2-1/2		
	IEU		H90	21.79	6	3-1/4		
	EU		NC50	22.13	6-3/8	3-1/2		
	IEU		NC46	22.56	6-1/4	2-3/4		
	IEU-G		FH	22.29	6	2-1/2		
	IEU		H90	21.9	6	3		
	EU	NC50	22.13	6-3/8	3-1/2			
	IEU	NC46	22.75	6-1/4	2-1/2			
EU-S	NC50	23.22	6-5/8	3				
IEU	NC46	22.93	6-1/4	2-1/4				

Size (in)	Nom. Weight (lb/ft)	Upset/Grade	Connection	(W) Adjusted wt (lb/ft)	Standard Size (in)	
					OD	ID
4-1/2	22.82	EU-E	NC50	24.07	6-3/8	3-5/8
		IEU	NC46	24.59	6-1/4	3
		IEU-X	FH	25.43	6-1/4	2-1/4
		EU	NC50	24.58	6-3/8	3-1/2
		IEU	NC46	25.06	6-1/4	2-3/4
		EU-G	NC50	25.13	6-1/2	3-1/4
			NC46	25.25	6-1/4	2-1/2
		EU-S	NC50	25.83	6-5/8	2-3/4
5	19.5	IEU-E	5-1/2 FH	22.26	7	3-3/4
			NC50	20.89	6-5/8	3-3/4
		IEU-X	5-1/2 FH	22.46	7	3-3/4
			H90	22.08	6-1/2	3-1/4
			NC50	21.44	6-5/8	3-1/2
		IEU-G	5-1/2 FH	22.46	7	3-3/4
			H90	22.32	6-1/2	3
			NC50	21.92	6-5/8	3-1/4
	25.6	IEU-S	5-1/2 FH	23.4	7-1/4	3-1/2
			NC50	22.6	6-5/8	2-3/4
		IEU-E	5-1/2 FH	28.26	7	3-1/2
			NC50	26.89	6-3/8	3-1/2
		IEU-X	5-1/2 FH	28.45	7	3-1/2
			NC50	27.86	6-1/2	3
		IEU-G	5-1/2 FH	29.01	7-1/4	3-1/2
			NC50	28.32	6-5/8	2-3/4
5-1/2	21.9	IEU-E	FH	23.77	7	4
		IEU-X	FH	24.37	7	3-3/4
			H90	24.64	7	3-1/2
		IEU-G	FH	25.21	7-1/4	3-1/2
		IEU-G	DSTJ/DS55	24.83	7-1/4	3-1/2
		IEU-S	FH	26.33	7-1/2	3
	24.7	IEU-S	DSTJ/DS55	24.83	7-1/4	3-1/2
		IEU-E	FH	26.33	7	4
		IEU-X	FH	27.76	7-1/4	3-1/2
		IEU-G	FH	27.76	7-1/4	3-1/2
		IEU-G	DSTJ/DS55	27.27	7-1/4	3-1/2
		IEU-S	FH	28.87	7-1/2	3
6-5/8	25.2	IEU-G	FH	28.67	8-1/4	4-3/4
		IEU-S	FH	30.12	8-1/2	4-1/4
		IEU-S	FH	30.12	8	5
	27.7	IEU-G	FH	30.52	8-1/4	4-3/4
		IEU-S	FH	31.97	8-1/2	4-1/4
		IEUS	FH	31.97	8	5