

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 IU	OH	6.83	3-1/4	1-3/4	
		EU	PAC	6.71	2-7/8	1-3/8	
		EU-X	SLH90	6.73	3-1/4	2	
		EU	NC26	7.01	3-3/8	1-3/4	
		EU-G	SLH90	6.89	3-1/4	1-13/16	
		EU	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
EU	NC38			13.77	4-3/4	2-11/16	
EU IU	OH			13.77	4-3/4	2-11/16	
EU	NC31			13.4	4-1/8	2-1/8	
EU-X	XH			13.94	4-3/4	2-7/16	
EU	H90			14.63	5-1/4	2-3/4	
EU	NC38			14.41	5	2-9/16	
EU-G	SLH90			14.07	4-3/4	2-9/16	
EU	NC38			14.49	5	2-7/16	
EU-S	SLH90			14.07	4-3/4	2-9/16	
EU	NC38			14.69	5	2-1/8	
EU	SLH90			14.69	5	2-1/8	
			NC40	15.04	5-3/8	2-7/16	
	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	
		NC40	17.56	5-1/2	2-1/4		

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					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 EU		NC50	17.98	6-3/8	3-3/4	
	IEU		OH	17.1	5-7/8	3-3/4	
	IEU		NC38	16.79	5	2-11/16	
	IEU-X		NC46	18.37	6-1/4	3-1/4	
	IEU		FH	18.62	6	3	
	EU		H90	18.39	6	3-1/4	
	IEU		NC50	18.34	6-3/8	3-3/4	
	IEU-G		NC46	18.88	6-1/4	3	
	IEU		FH	18.62	6	3	
	EU		H90	18.39	6	3-1/4	
	IEU		NC50	18.34	6-3/8	3-3/4	
	IEU-S		NC46	18.88	6-1/4	3	
	IEU		FH	19.28	6-1/4	2-1/2	
	EU		H90	18.42	6	3	
	IEU		NC50	18.61	6-3/8	3-1/2	
				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

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					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-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
		IEU-S	NC50	28.78	6-3/4	2-1/2
			5-1/2 FH	29.35	7-1/4	3-1/4
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
		IEU-S	DSTJ/DS55	24.83	7-1/4	3-1/2
		24.7	IEU-E	FH	26.33	7
	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
	IEU-S		DSTJ/DS55	27.27	7-1/4	3-1/2
	6-5/8	25.2	IEU-G	FH	28.67	8-1/4
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