

Casing Table																				
Dimensional & Grade Designators								Collapse Resistance (psi)	Tension (1,000 lbs)				Internal Yield (psi)						Ductile Rupture Capped End (psi)	
OD Size (in)		Weight (lb/ft)		NOM Body Wall (in)	NOM ID (in)	API Drift Diameter (in)	Alternate Drift (in)		Grade	Joint Strength				API Historical				Lamé - Von Mises		
Fractional	Decimal	T&C	PE							Pipe Body Yield	STC	LTC	BTC	Pipe Body	STC	LTC	BTC	Open End		Capped End
3 1/2	3.500		12.31	0.368				J55	10350	199				10,120						
3 1/2	3.500		12.31	0.368				C75	14,110	272				13,800						
3 1/2	3.500		12.31	0.368				L80	15,060	290				14,730						
3 1/2	3.500		12.31	0.368				P110	19,760	380				19,320						
3 1/2	3.500		13.6	0.413				J55	11,520	222				11,440						
3 1/2	3.500		13.6	0.413				C75	15,710	302				15,600						
3 1/2	3.500		13.6	0.413				L80	16,760	322				17,990						
3 1/2	3.500		13.6	0.413				P110	21,990	423				23,610						
3 1/2	3.500		14.62	0.449				J55	12,300	237				12,370						
3 1/2	3.500		14.62	0.449				C75	16,770	323				16,870						
3 1/2	3.500		14.62	0.449				L80	17,890	345				17,990						
3 1/2	3.500		14.62	0.449				P110	23,480	452				23,610						
3 1/2	3.500		15.37	0.476				J55	12,930	249				13,090						
3 1/2	3.500		15.37	0.476				C75	17,630	339				17,850						
3 1/2	3.500		15.37	0.476				L80	18,800	362				19,040						
3 1/2	3.500		15.37	0.476				P110	24,680	475				24,990						
3 1/2	3.500		15.68	0.488				J55	13,200	254				13,420						
3 1/2	3.500		15.68	0.488				C75	18,000	346				18,300						
3 1/2	3.500		15.68	0.488				L80	19,200	369				19,520						
3 1/2	3.500		15.68	0.488				P110	25,200	485				25,610						
3 1/2	3.500		16.28	0.510				J55	13,690	264				14,020						
3 1/2	3.500		16.28	0.510				C75	18,670	359				19,130						
3 1/2	3.500		16.28	0.510				L80	19,920	383				20,400						
3 1/2	3.500		16.28	0.510				P110	26,140	503				26,770						
3 1/2	3.500		16.81	0.530				J55	14,130	272				14,580						
3 1/2	3.500		16.81	0.530				C75	19,270	371				19,880						
3 1/2	3.500		16.81	0.530				L80	20,560	396				21,200						
3 1/2	3.500		16.81	0.530				P110	26,980	519				27,830						
4	4.000		11.34	0.286				J55	7,300	183				6,880						
4	4.000		11.34	0.286				C75	9,790	250				9,390						
4	4.000		11.34	0.286				L80	10,270	267				10,010						
4	4.000		11.34	0.286				P110	12,690	350				13,140						
4	4.000		12.93	0.330				J55	8,330	209				7,940						
4	4.000		12.93	0.330				C75	11,350	285				10,830						
4	4.000		12.93	0.330				L80	12,110	304				11,550						
4	4.000		12.93	0.330				P110	15,900	400				15,160						
4	4.000		14.66	0.380				J55	9,460	238				9,140						

5	5.000	15.00	14.88	0.296	4.408	4.283		P110 HC	10,060	481		388	503	11,400		11,400	11,400	11,320	12,450	13,170					
5	5.000	15.00	14.88	0.296	4.408	4.283		Q125	9,480	547		420	548	12,950		12,950	12,950	12,860	14,150	14,330					
5	5.000	15.00	14.88	0.296	4.408	4.283		Q125 HC	10,490	547		420	548	12,950		12,950	12,950	12,860	14,150	14,330					
5	5.000	18.00	17.95	0.362	4.276	4.151		L80	10,490	422		376	457	10,140		10,140	9,910	10,040	10,940	11,030					
5	5.000	18.00	17.95	0.362	4.276	4.151		L80 HC	10,900	422		376	457	10,140		10,140	9,910	10,040	10,940	11,030					
5	5.000	18.00	17.95	0.362	4.276	4.151		N80 Type 1	10,490	422		396	477	10,140		10,140	9,910	10,040	10,940	9,590					
5	5.000	18.00	17.95	0.362	4.276	4.151		N80	10,490	422		396	477	10,140		10,140	9,910	10,040	10,940	11,610					
5	5.000	18.00	17.95	0.362	4.276	4.151		N80 HC	11,440	422		396	477	10,140		10,140	9,910	10,040	10,940	11,610					
5	5.000	18.00	17.95	0.362	4.276	4.151		T95	12,030	501		416	512	12,050		12,050	11,770	11,920	12,990	13,590					
5	5.000	18.00	17.95	0.362	4.276	4.151		C110	13,470	580		456	566	13,950		13,940	13,630	13,810	15,040	15,650					
5	5.000	18.00	17.95	0.362	4.276	4.151		P110	13,470	580		495	606	13,950		13,950	13,620	13,810	15,040	16,300					
5	5.000	18.00	17.95	0.362	4.276	4.151		P110 HC	14,360	580		495	606	13,950		13,950	13,620	13,810	15,040	16,300					
5	5.000	18.00	17.95	0.362	4.276	4.151		Q125	14,820	659		535	661	15,850		15,850	15,480	15,690	17,090	17,740					
5	5.000	18.00	17.95	0.362	4.276	4.151		Q125 HC	15,220	659		535	661	15,850		15,850	15,480	15,690	17,090	17,740					
5	5.000	21.40	21.32	0.437	4.126	4.001		L80	12,760	501		466	510	12,220		10,810	9,910	12,040	13,020	13,450					
5	5.000	21.40	21.32	0.437	4.126	4.001		L80 HC	13,900	501		466	510	12,220		10,810	9,910	12,040	13,020	13,450					
5	5.000	21.40	21.32	0.437	4.126	4.001		N80 Type 1	12,760	501		490	537	12,220		10,810	9,910	12,040	13,020	11,660					
5	5.000	21.40	21.32	0.437	4.126	4.001		N80	12,760	501		490	537	12,220		10,810	9,910	12,040	13,020	14,160					
5	5.000	21.40	21.32	0.437	4.126	4.001		N80 HC	14,640	501		490	537	12,220		10,810	9,910	12,040	13,020	14,160					
5	5.000	21.40	21.32	0.437	4.126	4.001		T95	15,150	595		515	563	14,520		12,840	11,770	14,300	15,460	16,590					
5	5.000	21.40	21.32	0.437	4.126	4.001		C110	17,550	689		564	617	16,810		14,870	13,630	16,560	17,900	19,110					
5	5.000	21.40	21.32	0.437	4.126	4.001		P110	17,550	689		613	671	16,810		14,870	13,620	16,560	17,900	19,900					
5	5.000	21.40	21.32	0.437	4.126	4.001		P110 HC	18,870	689		613	671	16,810		14,870	13,620	16,560	17,900	19,900					
5	5.000	21.40	21.32	0.437	4.126	4.001		Q125	19,940	783		662	724	19,100		16,900	15,480	18,820	20,340	21,660					
5	5.000	21.40	21.32	0.437	4.126	4.001		Q125 HC	20,200	783		662	724	19,100		16,900	15,480	18,820	20,340	21,660					
5	5.000	23.20	23.11	0.478	4.044	3.919		L80	13,830	543		513	510	13,380		10,810	9,910	13,140	14,130	14,820					
5	5.000	23.20	23.11	0.478	4.044	3.919		L80 HC	15,500	543		513	510	13,380		10,810	9,910	13,140	14,130	14,820					
5	5.000	23.20	23.11	0.478	4.044	3.919		N80 Type 1	13,830	543		540	537	13,380		10,810	9,910	13,140	14,130	12,830					
5	5.000	23.20	23.11	0.478	4.044	3.919		N80	13,830	543		540	537	13,380		10,810	9,910	13,140	14,130	15,600					
5	5.000	23.20	23.11	0.478	4.044	3.919		N80 HC	16,340	543		540	537	13,380		10,810	9,910	13,140	14,130	15,600					
5	5.000	23.20	23.11	0.478	4.044	3.919		T95	16,430	645		567	563	15,880		12,840	11,770	15,600	16,780	18,290					
5	5.000	23.20	23.11	0.478	4.044	3.919		C110	19,020	747		621	617	18,390		14,870	13,630	18,070	19,430	21,060					
5	5.000	23.20	23.11	0.478	4.044	3.919		P110	19,020	747		675	671	18,390		14,870	13,620	18,070	19,430	21,940					
5	5.000	23.20	23.11	0.478	4.044	3.919		P110 HC	21,230	747		675	671	18,390		14,870	13,620	18,070	19,430	21,940					
5	5.000	23.20	23.11	0.478	4.044	3.919		Q125	21,620	849		729	724	20,900		16,900	15,480	20,530	22,080	23,870					
5	5.000	23.20	23.11	0.478	4.044	3.919		Q125 HC	22,790	849		729	724	20,900		16,900	15,480	20,530	22,080	23,870					
5	5.000	24.10	24.05	0.500	4.000	3.875		L80	14,400	566		538	510	14,020		10,810	9,910	13,740	14,720	15,590					
5	5.000	24.10	24.05	0.500	4.000	3.875		L80 HC	16,350	566		538	510	14,020		10,810	9,910	13,740	14,720	15,590					
5	5.000	24.10	24.05	0.500	4.000	3.875		N80 Type 1	14,400	566		567	537	14,020		10,810	9,910	13,740	14,720	13,490					
5	5.000	24.10	24.05	0.500	4.000	3.875		N80	14,400	566		567	537	14,020		10,810	9,910	13,740	14,720	16,410					
5	5.000	24.10	24.05	0.500	4.000	3.875		N80 HC	17,250	566		567	537	14,020		10,810	9,910	13,740	14,720	16,410					

5	5.000	24.10	24.05	0.500	4.000	3.875		T95	17,100	672		595	563	16,640		12,840	11,770	16,320	17,480	19,250					
5	5.000	24.10	24.05	0.500	4.000	3.875		C110	19,800	778		652	617	19,270		14870	13630	18,900	20,240	22,160					
5	5.000	24.10	24.05	0.500	4.000	3.875		P110	19,800	778		708	671	19,270		14,870	13,620	18,900	20,240	23,080					
5	5.000	24.10	24.05	0.500	4.000	3.875		P110 HC	22,480	778		708	671	19,270		14,870	13,620	18,900	20,240	23,080					
5	5.000	24.10	24.05	0.500	4.000	3.875		Q125	22,500	884		765	724	21,900		16,900	15,480	21,480	23,000	25,120					
5	5.000	24.10	24.05	0.500	4.000	3.875		Q125 HC	24,150	884		765	724	21,900		16,900	15,480	21,480	23,000	25,120					
5	5.000	26.70	26.66	0.562	3.876	3.751		T95	18,950	744		611	563	18,700		12,840	11,770	18,240	19,420	21,860					
5	5.000	26.70	26.66	0.562	3.876	3.751		C110	21,940	862				21,650				21,120	22,480	25,170					
5	5.000	26.70	26.66	0.562	3.876	3.751		P110	21,940	862		728	671	21,650		14,870	13,620	21,120	22,480	26,220					
5	5.000	26.70	26.66	0.562	3.876	3.751		P110 HC	25,940	862		728	671	21,650		14,870	13,620	21,120	22,480	26,220					
5	5.000	26.70	26.66	0.562	3.876	3.751		Q125	24,930	980		786	724	24,600		16,900	15,480	24,000	25,550	28,530					
5	5.000	26.70	26.66	0.562	3.876	3.751		Q125 HC	27,940	980		786	724	24,600		16,900	15,480	24,000	25,550	28,530					
5	5.000	26.70	26.66	0.562	3.876	3.751		T95	18,950	744		611	563	18,700		12,840	11,770	18,240	19,420	21,860					
5	5.000	26.70	26.66	0.562	3.876	3.751		C110	21,940	862				21,650				21,120	22,480	25,170					
5	5.000	26.70	26.66	0.562	3.876	3.751		P110	21,940	862		728	671	21,650		14,870	13,620	21,120	22,480	26,220					
5	5.000	26.70	26.66	0.562	3.876	3.751		P110 HC	25,940	862		728	671	21,650		14,870	13,620	21,120	22,480	26,220					
5	5.000	26.70	26.66	0.562	3.876	3.751		Q125	24,930	980		786	724	24,600		16,900	15,480	24,000	25,550	28,530					
5	5.000	26.70	26.66	0.562	3.876	3.751		Q125 HC	27,940	980		786	724	24,600		16,900	15,480	24,000	25,550	28,530					
5 1/2	5.500	14.00	13.71	0.244	5.012	4.887		H40	2,620	161	130			3,110	3,110			3,100	3,440	3,400					
5 1/2	5.500	14.00	13.71	0.244	5.012	4.887		J55	3,120	222	172			4,280	4,280			4,260	4,730	4,280					
5 1/2	5.500	14.00	13.71	0.244	5.012	4.887		K55	3,120	222	189			4,280	4,280			4,260	4,730	5,420					
5 1/2	5.500	15.50	15.36	0.275	4.950	4.825		J55	4,040	248	202	217	300	4,820	4,820	4,820	4,820	4,800	5,300	4,840					
5 1/2	5.500	15.50	15.36	0.275	4.950	4.825		K55	4,040	248	222	239	366	4,820	4,820	4,820	4,820	4,800	5,300	6,130					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		J55	4,910	273	229	247	329	5,320	5,320	5,320	5,320	5,290	5,830	5,360					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		K55	4,910	273	252	272	402	5,320	5,320	5,320	5,320	5,290	5,830	6,780					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		L80	6,290	397		338	428	7,740		7,740	7,740	7,690	8,480	8,300					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		L80 HC	7,200	397		338	428	7,740		7,740	7,740	7,690	8,480	8,300					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		N80 Type 1	6,290	397		348	446	7,740		7,740	7,740	7,690	8,480	7,230					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		N80	6,290	397		348	446	7,740		7,740	7,740	7,690	8,480	8,740					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		N80 HC	7,470	397		348	446	7,740		7,740	7,740	7,690	8,480	8,740					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		T95	6,940	471		374	480	9,190		9,190	9,190	9,130	10,070	10,210					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		C110	7,480	546				10,640				10,580	11,660	11,760					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		P110	7,480	546		445	568	10,640		10,640	10,640	10,580	11,660	12,250					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		P110 HC	8,730	546		445	568	10,640		10,640	10,640	10,580	11,660	12,250					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		Q125	7,890	620		481	620	12,090		12,090	12,090	12,020	13,260	13,330					
5 1/2	5.500	17.00	16.89	0.304	4.892	4.767		Q125 HC	9,050	620		481	620	12,090		12,090	12,090	12,020	13,260	13,330					
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		L80	8,830	466		416	503	9,190		9,190	8,990	9,120	9,980	9,940					
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		L80 HC	9,490	466		416	503	9,190		9,190	8,990	9,120	9,980	9,940					
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		N80 Type 1	8,830	466		428	524	9,190		9,190	8,990	9,120	9,980	8,650					
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		N80	8,830	466		428	524	9,190		9,190	8,990	9,120	9,980	10,470					
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		N80 HC	9,920	466		428	524	9,190		9,190	8,990	9,120	9,980	10,470					

5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		T95	10,020	554		460	563	10,920		10,920	10,680	10,830	11,850	12,240						
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		C110	11,100	641		504	624	12,640		12640	12360	12,530	13,720	14,100						
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		P110	11,100	641		548	667	12,640		12,640	12,360	12,530	13,720	14,690						
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		P110 HC	12,200	641		548	667	12,640		12,640	12,360	12,530	13,720	14,690						
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		Q125	12,080	729		592	728	14,360		14,360	14,050	14,240	15,590	15,980						
5 1/2	5.500	20.00	19.83	0.361	4.778	4.653		Q125 HC	12,830	729		592	728	14,360		14,360	14,050	14,240	15,590	15,980						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		L80	11,160	530		489	550	10,560		9,880	8,990	10,440	11,370	11,510						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		L80 HC	11,530	530		489	550	10,560		9,880	8,990	10,440	11,370	11,510						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		N80 Type 1	11,160	530		502	579	10,560		9,880	8,990	10,440	11,370	10,000						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		N80	11,160	530		502	579	10,560		9,880	8,990	10,440	11,370	12,120						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		N80 HC	12,110	530		502	579	10,560		9,880	8,990	10,440	11,370	12,120						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		T95	12,930	630		540	608	12,540		11,730	10,680	12,400	13,500	14,180						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		C110	14,540	729		592	667	14,520		13,160	12,360	14,360	15,630	16,330						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		P110	14,540	729		643	724	14,520		13,580	12,360	14,360	15,630	17,010						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		P110 HC	15,310	729		643	724	14,520		13,580	12,360	14,360	15,630	17,010						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		Q125	16,060	829		694	782	16,500		15,430	14,050	16,320	17,760	18,510						
5 1/2	5.500	23.00	22.56	0.415	4.670	4.545		Q125 HC	16,270	829		694	782	16,500		15,430	14,050	16,320	17,760	18,510						
5 1/2	5.500	26.80	26.73	0.500	4.500	4.375		T95	15,700	746				15,130					14,890	16,030	17,350					
5 1/2	5.500	26.80	26.73	0.500	4.500	4.375		C110	18,180	864				17,520					17,240	18,560	19,980					
5 1/2	5.500	26.80	26.73	0.500	4.500	4.375		P110	18,180	864		788	724	17,520		13,580	12,360	17,240	18,560	20,820						
5 1/2	5.500	26.80	26.73	0.500	4.500	4.375		P110 HC	19,890	864		788	724	17,520		13,580	12,360	17,240	18,560	20,820						
5 1/2	5.500	26.80	26.73	0.500	4.500	4.375		Q125	20,660	982		851	782	19,910		15,430	14,050	19,590	21,090	22,650						
5 1/2	5.500	26.80	26.73	0.500	4.500	4.375		Q125 HC	21,320	982		851	782	19,910		15,430	14,050	19,590	21,090	22,650						
5 1/2	5.500	29.70	29.67	0.562	4.376	4.251		T95	17,430	828				17,000					16,650	17,820	19,690					
5 1/2	5.500	29.70	29.67	0.562	4.376	4.251		C110	20,180	959				19,680					19,280	20,640	22,670					
5 1/2	5.500	29.70	29.67	0.562	4.376	4.251		P110	20,180	959		791	724	19,680		13,580	12,360	19,280	20,640	23,620						
5 1/2	5.500	29.70	29.67	0.562	4.376	4.251		P110 HC	23,090	959		791	724	19,680		13,580	12,360	19,280	20,640	23,620						
5 1/2	5.500	29.70	29.67	0.562	4.376	4.251		Q125	22,930	1,090		854	782	22,360		15,430	14,050	21,910	23,450	25,700						
5 1/2	5.500	29.70	29.67	0.562	4.376	4.251		Q125 HC	24,830	1,090		854	782	22,360		15,430	14,050	21,910	23,450	25,700						
5 1/2	5.500	32.60	32.57	0.625	4.250	4.125		T95	19,140	909				18,900					18,430	19,610	22,120					
5 1/2	5.500	32.60	32.57	0.625	4.250	4.125		C110	22,160	1,053				21,880					21,330	22,700	25,470					
5 1/2	5.500	35.30	35.35	0.687	4.126	4.001		T95	20,770	987				20,760					20,140	21,320	24,550					
5 1/2	5.500	35.30	35.35	0.687	4.126	4.001		C110	24,040	1,143				24,040					23,320	24,680	28,270					
5 1/2	5.500	38.00	38.08	0.750	4.000	3.875		T95	22,380	1,063				22,660					21,850	23,010	27,080					
5 1/2	5.500	38.00	38.08	0.750	4.000	3.875		C110	25,920	1,231				26,240					25,310	26,640	31,190					
5 1/2	5.500	40.50	40.69	0.812	3.876	3.751		T95	23,910	1,136				24,560					23,540	24,630	29,670					
5 1/2	5.500	40.50	40.69	0.812	3.876	3.751		C110	27,700	1,315				28,440					27,250	28,520	34,170					
5 1/2	5.500	43.10	43.26	0.875	3.750	3.625		T95	25,420	1,208				26,460					25,190	26,240	32,310					
5 1/2	5.500	43.10	43.26	0.875	3.750	3.625		C110	29,420	1,399				30,640					29,160	30,390	37,210					
5 3/4	5.750	16.50		0.276	5.198		5.073	J55	3,720	234			314													
5 3/4	5.750	18.10		0.304	5.142		5.017	J55	4,520	286			344													

6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		L80 HC	10,760	734		666	783	10,050		10,050	9,820	9,950	10,840	10,920					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		N80 Type 1	10,320	734		677	814	10,050		10,050	9,820	9,950	10,840	9,490					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		N80	10,320	734		677	814	10,050		10,050	9,820	9,950	10,840	11,500					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		N80 HC	11,280	734		677	814	10,050		10,050	9,820	9,950	10,840	11,500					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		T95	11,820	872		769	880	11,930		11,930	11,660	11,810	12,870	13,450					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		C110	13,220	1,009		842	977	13,810		11,820	13,500	13,680	14,900	15,490					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		P110	13,220	1,009		904	1,040	13,810		13,810	13,500	13,680	14,900	16,140					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		P110 HC	14,140	1,009		904	1,040	13,810		13,810	13,500	13,680	14,900	16,140					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		Q125	14,540	1,147		989	1,138	15,700		15,700	15,340	15,540	16,940	17,560					
6 5/8	6.625	32.00	31.23	0.475	5.675	5.550		Q125 HC	14,980	1,147		989	1,138	15,700		15,700	15,340	15,540	16,940	17,560					
7	7.000	17.00	16.72	0.231	6.538	6.413		H40	1,420	196	122			2,310	2,310			2,300	2,580	2,500					
7	7.000	20.00	19.56	0.272	6.456	6.331		H40	1,970	230	176			2,720	2,720			2,710	3,030	2,960					
7	7.000	20.00	19.56	0.272	6.456	6.331		J55	2,270	316	234			3,740	3,740			3,730	4,160	3,730					
7	7.000	20.00	19.56	0.272	6.456	6.331		K55	2,270	316	254			3,740	3,740			3,730	4,160	4,720					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	J55	3,270	366	284	313	432	4,350	4,350	4,350	4,350	4,340	4,820	4,350					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	K55	3,270	366	309	341	522	4,350	4,350	4,350	4,350	4,340	4,820	5,510					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	L80	3,830	532		435	565	6,330		6,330	6,330	6,310	7,010	6,740					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	L80 HC	4,850	532		435	565	6,330		6,330	6,330	6,310	7,010	6,740					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	N80 Type 1	3,830	532		442	588	6,330		6,330	6,330	6,310	7,010	5,870					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	N80	3,830	532		442	588	6,330		6,330	6,330	6,310	7,010	7,090					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	N80 HC	4,970	532		442	588	6,330		6,330	6,330	6,310	7,010	7,090					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	T95	4,140	632		505	636	7,520		7,520	7,520	7,490	8,330	8,280					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	C110	4,440	732	524	558	707	8,710	8,720	8,720	8,720	8,670	9,640	9,540					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	P110	4,440	732		590	752	8,710		8,710	8,710	8,670	9,640	9,940					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	P110 HC	5,470	732		590	752	8,710		8,710	8,710	8,670	9,640	9,940					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	Q125	4,650	832		655	823	9,890		9,890	9,890	9,850	10,960	10,810					
7	7.000	23.00	22.65	0.317	6.366	6.241	6.250	Q125 HC	5,580	832		655	823	9,890		9,890	9,890	9,850	10,960	10,810					
7	7.000	26.00	25.69	0.362	6.276	6.151		J55	4,330	415	334	367	490	4,980	4,980	4,980	4,980	4,960	5,470	5,000					
7	7.000	26.00	25.69	0.362	6.276	6.151		K55	4,330	415	364	401	592	4,980	4,980	4,980	4,980	4,960	5,470	6,340					
7	7.000	26.00	25.69	0.362	6.276	6.151		L80	5,410	604		511	641	7,250		7,250	7,250	7,210	7,960	7,750					
7	7.000	26.00	25.69	0.362	6.276	6.151		L80 HC	6,370	604		511	641	7,250		7,250	7,250	7,210	7,960	7,750					
7	7.000	26.00	25.69	0.362	6.276	6.151		N80 Type 1	5,410	604		519	667	7,250		7,250	7,250	7,210	7,960	6,760					
7	7.000	26.00	25.69	0.362	6.276	6.151		N80	5,410	604		519	667	7,250		7,250	7,250	7,210	7,960	8,160					
7	7.000	26.00	25.69	0.362	6.276	6.151		N80 HC	6,580	604		519	667	7,250		7,250	7,250	7,210	7,960	8,160					
7	7.000	26.00	25.69	0.362	6.276	6.151		T95	5,890	717		593	722	8,600		8,600	8,600	8,560	9,460	9,530					
7	7.000	26.00	25.69	0.362	5.000	6.151		C110	6,230	830	616	655	802	9,960	9,520	9,520	9,960	9,910	10,950	10,980					
7	7.000	26.00	25.69	0.362	6.276	6.151		P110	6,230	830		693	853	9,960		9,960	9,960	9,910	10,950	11,440					
7	7.000	26.00	25.69	0.362	6.276	6.151		P110 HC	7,540	830		693	853	9,960		9,960	9,960	9,910	10,950	11,440					
7	7.000	26.00	25.69	0.362	6.276	6.151		Q125	6,450	944		769	934	11,320		11,320	11,320	11,260	12,440	12,440					
7	7.000	26.00	25.69	0.362	6.276	6.151		Q125 HC	7,770	944		769	934	11,320		11,320	11,320	11,260	12,440	12,440					
7	7.000	29.00	28.75	0.408	6.184	6.059		L80	7,030	676		587	718	8,160		8,160	8,160	8,110	8,920	8,770					

7	7.000	29.00	28.75	0.408	6.184	6.059		L80 HC	7,880	676		587	718	8,160		8,160	8,160	8,110	8,920	8,770					
7	7.000	29.00	28.75	0.408	6.184	6.059		N80 Type 1	7,030	676		597	746	8,160		8,160	8,160	8,110	8,920	7,640					
7	7.000	29.00	28.75	0.408	6.184	6.059		N80	7,030	676		597	746	8,160		8,160	8,160	8,110	8,920	9,240					
7	7.000	29.00	28.75	0.408	6.184	6.059		N80 HC	8,200	676		597	746	8,160		8,160	8,160	8,110	8,920	9,240					
7	7.000	29.00	28.75	0.408	6.184	6.059		T95	7,840	803		683	808	9,690		9,690	9,690	9,630	10,590	10,800					
7	7.000	29.00	28.75	0.408	6.184	6.059		C110	8,530	929		754	898	11,220		9,520	11,220	11,150	12,270	12,430					
7	7.000	29.00	28.75	0.408	6.184	6.059		P110	8,530	929		797	955	11,220		11,220	11,220	11,150	12,270	12,950					
7	7.000	29.00	28.75	0.408	6.184	6.059		P110 HC	9,750	929		797	955	11,220		11,220	11,220	11,150	12,270	12,950					
7	7.000	29.00	28.75	0.408	6.184	6.059		Q125	9,100	1,056		885	1,045	12,750		12,750	12,750	12,670	13,940	14,090					
7	7.000	29.00	28.75	0.408	6.184	6.059		Q125 HC	10,150	1,056		885	1,045	12,750		12,750	12,750	12,670	13,940	14,090					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	L80	8,600	745		661	791	9,050		9,050	9,050	8,980	9,850	9,780					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	L80 HC	9,290	745		661	791	9,050		9,050	9,050	8,980	9,850	9,780					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	N80 Type 1	8,600	745		672	823	9,050		9,050	9,050	8,980	9,850	8,510					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	N80	8,600	745		672	823	9,050		9,050	9,050	8,980	9,850	10,300					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	N80 HC	9,710	745		672	823	9,050		9,050	9,050	8,980	9,850	10,300					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	T95	9,740	885		768	891	10,750		10,750	10,750	10,660	11,690	12,040					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	C110	10,780	1,025		848	990	12,450		9,520	11,630	12,340	13,540	13,870					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	P110	10,780	1,025		897	1,053	12,450		12,450	12,450	12,340	13,540	14,450					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	P110 HC	11,890	1,025		897	1,053	12,450		12,450	12,450	12,340	13,540	14,450					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	Q125	11,720	1,165		996	1,152	14,140		14,140	14,140	14,030	15,390	15,720					
7	7.000	32.00	31.70	0.453	6.094	5.969	6.000	Q125 HC	12,500	1,165		996	1,152	14,140		14,140	14,140	14,030	15,390	15,720					
7	7.000	35.00	34.61	0.498	6.004	5.879		L80	10,180	814		734	864	9,970		9,970	9,970	9,870	10,760	10,830					
7	7.000	35.00	34.61	0.498	6.004	5.879		L80 HC	10,650	814		734	864	9,970		9,970	9,970	9,870	10,760	10,830					
7	7.000	35.00	34.61	0.498	6.004	5.879		N80 Type 1	10,180	814		746	898	9,970		9,970	9,970	9,870	10,760	9,410					
7	7.000	35.00	34.61	0.498	6.004	5.879		N80	10,180	814		746	898	9,970		9,970	9,970	9,870	10,760	11,400					
7	7.000	35.00	34.61	0.498	6.004	5.879		N80 HC	11,160	814		746	898	9,970		9,970	9,970	9,870	10,760	11,400					
7	7.000	35.00	34.61	0.498	6.004	5.879		T95	11,650	966		853	973	11,830		11,830	11,830	11,720	12,780	13,340					
7	7.000	35.00	34.61	0.498	6.004	5.879		C110	13,030	1,119		942	1,008	13,700		9,520	11,630	13,570	14,800	15,360					
7	7.000	35.00	34.61	0.498	6.004	5.879		P110	13,030	1,119		996	1,150	13,700		13,700	13,700	13,570	14,800	16,000					
7	7.000	35.00	34.61	0.498	6.004	5.879		P110 HC	13,960	1,119		996	1,150	13,700		13,700	13,700	13,570	14,800	16,000					
7	7.000	35.00	34.61	0.498	6.004	5.879		Q125	14,310	1,272		1,106	1,258	15,570		15,570	15,570	15,420	16,810	17,410					
7	7.000	35.00	34.61	0.498	6.004	5.879		Q125 HC	14,780	1,272		1,106	1,258	15,570		15,570	15,570	15,420	16,810	17,410					
7	7.000	38.00	37.29	0.540	5.920	5.795		L80	11,390	877		801	931	10,810		10,810	10,450	10,690	11,600	11,800					
7	7.000	38.00	37.29	0.540	5.920	5.795		L80 HC	11,870	877		801	931	10,810		10,810	10,450	10,690	11,600	11,800					
7	7.000	38.00	37.29	0.540	5.920	5.795		N80 Type 1	11,390	877		814	968	10,810		10,810	10,450	10,690	11,600	10,250					
7	7.000	38.00	37.29	0.540	5.920	5.795		N80	11,390	877		814	968	10,810		10,810	10,450	10,690	11,600	12,420					
7	7.000	38.00	37.29	0.540	5.920	5.795		N80 HC	12,470	877		814	968	10,810		10,810	10,450	10,690	11,600	12,420					
7	7.000	38.00	37.29	0.540	5.920	5.795		T95	13,430	1,041		931	1,048	12,840		12,840	12,410	12,690	13,780	14,550					
7	7.000	38.00	37.29	0.540	5.920	5.795		C110	15,130	1,205		1,028	1,008	14,870		9,520	11,630	14,690	15,950	16,750					
7	7.000	38.00	37.29	0.540	5.920	5.795		P110	15,130	1,205		1,087	1,239	14,870		14,870	14,370	14,690	15,950	17,450					
7	7.000	38.00	37.29	0.540	5.920	5.795		P110 HC	15,820	1,205		1,087	1,239	14,870		14,870	14,370	14,690	15,950	17,450					

7	7.000	38.00	37.29	0.540	5.920	5.795		Q125	16,740	1,370		1,207	1,356	16,890		16,890	16,330	16,700	18,130	18,990					
7	7.000	38.00	37.29	0.540	5.920	5.795		Q125 HC	16,840	1,370		1,207	1,356	16,890		16,890	16,330	16,700	18,130	18,990					
7	7.000	41.00		0.590	5.820	5.695		P110	16,990	1,307		1,111	1,096												
7	7.000	41.00		0.590	5.820	5.695		Q125	19,300	1,485		1,244	1,183												
7	7.000	42.70	42.59	0.625	5.750	5.625		T95	15,450	1,189				14,850				14,620	15,770	17,000					
7	7.000	42.70	42.59	0.625	5.750	5.625		C110	17,890	1,377				17,190				16,930	18,260	19,580					
7	7.000	42.70	42.59	0.625	5.750	5.625		P110	17,890	1,377		1,267	1,413	17,190		15,410	14,370	16,930	18,260	20,390					
7	7.000	42.70	42.59	0.625	5.750	5.625		P110 HC	19,420	1,377		1,267	1,413	17,190		15,410	14,370	16,930	18,260	20,390					
7	7.000	42.70	42.59	0.625	5.750	5.625		Q125	20,330	1,565		1,406	1,526	19,540		17,510	16,330	19,230	20,750	22,190					
7	7.000	42.70	42.59	0.625	5.750	5.625		Q125 HC	20,800	1,565		1,406	1,526	19,540		17,510	16,330	19,230	20,750	22,190					
7	7.000	46.40	46.36	0.687	5.626	5.501		T95	16,820	1,294				16,310				16,010	17,190	18,830					
7	7.000	46.40	46.36	0.687	5.626	5.501		C110	19,470	1,499				18,890				18,540	19,900	21,680					
7	7.000	50.10	50.11	0.750	5.500	5.375		T95	18,180	1,399				17,810				17,410	18,600	20,720					
7	7.000	50.10	50.11	0.750	5.500	5.375		C110	21,050	1,620				20,620				20,160	21,540	23,860					
7	7.000	53.60	53.71	0.812	5.376	5.251		T95	19,480	1,500				19,300				18,800	19,970	22,640					
7	7.000	53.60	53.71	0.812	5.376	5.251		C110	22,560	1,736				22,350				21,770	23,120	26,070					
7	7.000	57.10	57.29	0.875	5.250	5.125		T95	20,780	1,600				20,790				20,170	21,330	24,590					
7	7.000	57.10	57.29	0.875	5.250	5.125		C110	24,060	1,852				24,070				23,350	24,700	28,320					
7 5/8	7.625	20.00	19.71	0.250	7.125	7.000		H40	1,410	232	166			2,300	2,300			2,290	2,570	2,490					
7 5/8	7.625	24.00	23.49	0.300	7.025	6.900		H40	2,030	276	212			2,760	2,760			2,750	3,060	3,000					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		J55	2,900	414	315	346	483	4,140	4,140	4,140	4,140	4,130	4,590	4,130					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		K55	2,900	414	342	377	581	4,140	4,140	4,140	4,140	4,130	4,590	5,240					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		L80	3,400	602		482	635	6,020		6,020	6,020	6,000	6,680	6,400					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		L80 HC	4,320	602		482	635	6,020		6,020	6,020	6,000	6,680	6,400					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		N80 Type 1	3,400	602		490	659	6,020		6,020	6,020	6,000	6,680	5,580					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		N80	3,400	602		490	659	6,020		6,020	6,020	6,000	6,680	6,740					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		N80 HC	4,410	602		490	659	6,020		6,020	6,020	6,000	6,680	6,740					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		T95	3,710	714		560	716	7,150		7,150	7,150	7,130	7,930	7,870					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		C110	3,920	827	583	637	797	8,280	8,280	8,280	8,280	8,250	9,180	9,060					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		P110	3,920	827		654	845	470		470	470	470	9,180	0					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		P110 HC	4,790	827		654	845	8,280		8,280	8,280	8,250	9,180	9,430					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		Q125	4,050	940		733	926	9,410		9,410	9,410	9,380	10,430	10,270					
7 5/8	7.625	26.40	25.59	0.328	6.969	6.844		Q125 HC	4,880	940		733	926	9,410		9,410	9,410	9,380	10,430	10,270					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		L80	4,790	683		566	721	6,880		6,880	6,880	6,850	7,590	7,350					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		L80 HC	5,780	683		566	721	6,880		6,880	6,880	6,850	7,590	7,350					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		N80 Type 1	4,790	683		575	749	6,880		6,880	6,880	6,850	7,590	6,400					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		N80	4,790	683		575	749	6,880		6,880	6,880	6,850	7,590	7,730					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		N80 HC	5,950	683		575	749	6,880		6,880	6,880	6,850	7,590	7,730					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		T95	5,130	811		659	813	8,170		8,170	8,170	8,130	9,010	9,040					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		C110	5,350	940		748	905	9,460		9,470	9,470	9,420	10,440	10,400					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		P110	5,350	940		769	960	9,460		9,460	9,460	9,420	10,440	10,840					

7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		P110 HC	6,700	940		769	960	9,460		9,460	9,460	9,420	10,440	10,840					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		Q125	5,670	1,068		861	1,052	10,750		10,750	10,750	10,700	11,860	11,790					
7 5/8	7.625	29.70	29.06	0.375	6.875	6.750		Q125 HC	6,880	1,068		861	1,052	10,750		10,750	10,750	10,700	11,860	11,790					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		L80	6,560	778		664	820	7,890		7,890	7,890	7,840	8,650	8,470					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		L80 HC	7,460	778		664	820	7,890		7,890	7,890	7,840	8,650	8,470					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		N80 Type 1	6,560	778		674	852	7,890		7,890	7,890	7,840	8,650	7,370					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		N80	6,560	778		674	852	7,890		7,890	7,890	7,840	8,650	8,920					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		N80 HC	7,740	778		674	852	7,890		7,890	7,890	7,840	8,650	8,920					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		T95	7,280	923		772	925	9,370		9,370	9,370	9,310	10,270	10,420					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		C110	7,870	1,069		877	1,030	10,850		10,860	10,860	10,780	11,890	12,000					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		P110	7,870	1,069		901	1,093	10,850		10,850	10,850	10,780	11,890	12,500					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		P110 HC	9,110	1,069		901	1,093	10,850		10,850	10,850	10,780	11,890	12,500					
7 5/8	7.625	33.70		0.430	6.765	6.640		HCQ125	8,800	1,215		1,009	1,197												
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		Q125	8,350	1,215		1,009	1,197	12,330		12,330	12,330	12,250	13,510	13,600					
7 5/8	7.625	33.70	33.07	0.430	6.765	6.640		Q125 HC	9,460	1,215		1,009	1,197	12,330		12,330	12,330	12,250	13,510	13,600					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		L80	8,820	895		786	945	9,190		9,190	9,190	9,110	9,970	9,940					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		L80 HC	9,480	895		786	945	9,190		9,190	9,190	9,110	9,970	9,940					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		N80 Type 1	8,820	895		798	981	9,190		9,190	9,190	9,110	9,970	8,650					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		N80	8,820	895		798	981	9,190		9,190	9,190	9,110	9,970	10,470					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		N80 HC	9,910	895		798	981	9,190		9,190	9,190	9,110	9,970	10,470					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		T95	10,000	1,063		914	1,065	10,910		10,910	10,910	10,820	11,840	12,240					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		C110	11,080	1,231		1,038	1,186	12,640		11,790	12,620	12,530	13,710	14,100					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		P110	11,080	1,231		1,066	1,258	12,640		12,640	12,640	12,530	13,710	14,680					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		P110 HC	12,180	1,231		1,066	1,258	12,640		12,640	12,640	12,530	13,710	14,680					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		Q125	12,060	1,399		1,194	1,379	14,360		14,360	14,360	14,240	15,580	15,980					
7 5/8	7.625	39.00	38.08	0.500	6.625	6.500		Q125 HC	12,810	1,399		1,194	1,379	14,360		14,360	14,360	14,240	15,580	15,980					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		L80	10,810	998		891	1,053	10,320		10,320	9,790	10,220	11,120	11,240					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		L80 HC	11,170	998		891	1,053	10,320		10,320	9,790	10,220	11,120	11,240					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		N80 Type 1	10,810	998		905	1,093	10,320		10,320	9,790	10,220	11,120	9,760					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		N80	10,810	998		905	1,093	10,320		10,320	9,790	10,220	11,120	11,830					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		N80 HC	11,730	998		905	1,093	10,320		10,320	9,790	10,220	11,120	11,830					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		T95	12,410	1,185		1,037	1,187	12,260		12,260	11,620	12,130	13,210	13,850					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		C110	13,930	1,372		1,178	1,321	14,200		11,790	12,670	14,050	15,290	15,940					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		P110	13,930	1,372		1,210	1,402	14,200		14,200	13,460	14,050	15,290	16,610					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		P110 HC	14,770	1,372		1,210	1,402	14,200		14,200	13,460	14,050	15,290	16,610					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		Q125	15,350	1,559		1,355	1,536	16,130		16,130	15,290	15,960	17,380	18,070					
7 5/8	7.625	42.80	42.43	0.562	6.501	6.376		Q125 HC	15,670	1,559		1,355	1,536	16,130		16,130	15,290	15,960	17,380	18,070					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		L80	11,510	1,051		947	1,109	10,930		10,490	9,790	10,800	11,730	11,940					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		L80 HC	12,050	1,051		947	1,109	10,930		10,490	9,790	10,800	11,730	11,940					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		N80 Type 1	11,510	1,051		962	1,152	10,930		10,490	9,790	10,800	11,730	10,370					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		N80	11,510	1,051		962	1,152	10,930		10,490	9,790	10,800	11,730	12,570					

7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		N80 HC	12,660	1,051		962	1,152	10,930		10,490	9,790	10,800	11,730	12,570					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		T95	13,670	1,248		1,101	1,251	12,980		12,460	11,620	12,830	13,930	14,720					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		C110	15,440	1,446		1,251	1,392	15,030		11,790	12,670	14,850	16,120	16,950					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		P110	15,440	1,446		1,285	1,477	15,030		14,430	13,460	14,850	16,120	17,660					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		P110 HC	16,090	1,446		1,285	1,477	15,030		14,430	13,460	14,850	16,120	17,660					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		Q125	17,100	1,643		1,439	1,619	17,080		16,400	15,290	16,880	18,320	19,210					
7 5/8	7.625	45.30	44.71	0.595	6.435	6.310		Q125 HC	17,140	1,643		1,439	1,619	17,080		16,400	15,290	16,880	18,320	19,210					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		L80	12,040	1,100		997	1,160	11,480		10,490	9,790	11,330	12,270	12,580					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		L80 HC	12,830	1,100		997	1,160	11,480		10,490	9,790	11,330	12,270	12,580					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		N80 Type 1	12,040	1,100		1,013	1,205	11,480		10,490	9,790	11,330	12,270	10,910					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		N80	12,040	1,100		1,013	1,205	11,480		10,490	9,790	11,330	12,270	13,240					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		N80 HC	13,500	1,100		1,013	1,205	11,480		10,490	9,790	11,330	12,270	13,240					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		T95	14,300	1,306		1,159	1,300	13,630		12,460	11,620	13,450	14,570	15,510					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		C110	16,550	1,512		1,317	1,425	15,780		11,790	12,670	15,580	16,880	17,860					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		P110	16,550	1,512		1,353	1,545	15,780		14,430	13,460	15,580	16,880	18,600					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		P110 HC	17,280	1,512		1,353	1,545	15,780		14,430	13,460	15,580	16,880	18,600					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		Q125	18,700	1,718		1,515	1,672	17,930		16,400	15,290	17,700	19,180	20,240					
7 5/8	7.625	47.10	46.77	0.625	6.375	6.250		Q125 HC	18,440	1,718		1,515	1,672	17,930		16,400	15,290	17,700	19,180	20,240					
7 5/8	7.625	51.20	50.95	0.687	6.251	6.126		T95	15,580	1,423				14,980				14,740	15,900	17,160					
7 5/8	7.625	51.20	50.95	0.687	6.251	6.126		C110	18,030	1,647				17,340				17,070	18,410	19,760					
7 5/8	7.625	51.20	50.95	0.687	6.251	6.126		P110	18,030	1,647		1,491	1,548	17,340		14,430	13,460	17,070	18,410	20,580					
7 5/8	7.625	51.20	50.95	0.687	6.251	6.126		P110 HC	19,660	1,647		1,491	1,548	17,340		14,430	13,460	17,070	18,410	20,580					
7 5/8	7.625	51.20	50.95	0.687	6.251	6.126		Q125	20,490	1,872		1,670	1,672	19,710		16,400	15,290	19,400	20,920	22,400					
7 5/8	7.625	51.20	50.95	0.687	6.251	6.126		Q125 HC	21,060	1,872		1,670	1,672	19,710		16,400	15,290	19,400	20,920	22,400					
7 5/8	7.625	55.30	55.12	0.750	6.125	6.000		T95	16,850	1,539				16,350				16,040	17,220	18,870					
7 5/8	7.625	55.30	55.12	0.750	6.125	6.000		C110	19,510	1,782				18,930				18,570	19,940	21,730					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	K55	7,790	736		657	916	7,390		7,210	6,730	7,310	7,940	11,590					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	L80	11,340	1,070		841	1,001	10,760		10,490	9,790	10,630	11,550	11,740					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	L80 HC	11,790	1,070		841	1,001	10,760		10,490	9,790	10,630	11,550	11,740					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	N80 Type 1	11,340	1,070		855	1,040	10,760		10,490	9,790	10,630	11,550	10,200					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	N80	11,340	1,070		855	1,040	10,760		10,490	9,790	10,630	11,550	12,360					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	N80 HC	12,390	1,070		855	1,040	10,760		10,490	9,790	10,630	11,550	12,360					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	T95	13,320	1,271		978	1,129	12,770		12,460	11,620	12,630	13,720	14,470					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	C110	15,000	1,471				14,790				14,620	15,880	16,660					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	P110	15,000	1,471		1,142	1,334	14,790		14,430	13,460	14,620	15,880	17,350					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	P110 HC	15,710	1,471		1,142	1,334	14,790		14,430	13,460	14,620	15,880	17,350					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	Q125	16,590	1,672		1,279	1,462	16,810		16,400	15,290	16,610	18,050	18,880					
7 3/4	7.750	46.10	45.51	0.595	6.560	6.435	6.500	Q125 HC	16,710	1,672		1,279	1,462	16,810		16,400	15,290	16,610	18,050	18,880					
8 5/8	8.625	24.00	23.60	0.264	8.097	7.972		J55	1,370	381	244			2,950	2,950			2,940	3,300	2,920					
8 5/8	8.625	24.00	23.60	0.264	8.097	7.972		K55	1,370	381	263			2,950	2,950			2,940	3,300	3,700					
8 5/8	8.625	24.00		0.264	8.097	7.972		HCK55	1,780	381	326														

8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		L80	8,570	1,129		983	1,180	9,030		9,030	9,030	8,960	9,830	9,760					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		L80 HC	9,270	1,129		983	1,180	9,030		9,030	9,030	8,960	9,830	9,760					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		N80 Type 1	8,570	1,129		997	1,222	9,030		9,030	9,030	8,960	9,830	8,490					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		N80	8,570	1,129		997	1,222	9,030		9,030	9,030	8,960	9,830	10,280					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		N80 HC	9,680	1,129		997	1,222	9,030		9,030	9,030	8,960	9,830	10,280					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		T95	9,700	1,341		1,144	1,334	10,730		10,730	10,730	10,640	11,670	12,020					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		C110	10,730	1,553				12,420				12,320	13,510	13,840					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		P110	10,730	1,553		1,335	1,574	12,420		12,420	12,420	12,320	13,510	14,420					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		P110 HC	11,850	1,553		1,335	1,574	12,420		12,420	12,420	12,320	13,510	14,420					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		Q125	11,660	1,765		1,496	1,728	14,120		14,120	14,120	14,000	15,360	15,690					
8 5/8	8.625	49.00	48.04	0.557	7.511	7.386		Q125 HC	12,450	1,765		1,496	1,728	14,120		14,120	14,120	14,000	15,360	15,690					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		K55	6,290	789	596	670	953	6,120	6,120	6,120	6,120	6,070	6,670	7,850					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		L80	8,340	1,147		863	1,055	8,910		8,910	8,910	8,840	9,700	9,620					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		L80 HC	9,070	1,147		863	1,055	8,910		8,910	8,910	8,840	9,700	9,620					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		N80 Type 1	8,340	1,147		876	1,094	8,910		8,910	8,910	8,840	9,700	8,360					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		N80	8,340	1,147		876	1,094	8,910		8,910	8,910	8,840	9,700	10,120					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		N80 HC	9,470	1,147		876	1,094	8,910		8,910	8,910	8,840	9,700	10,120					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		T95	9,430	1,362		1,005	1,193	10,570		10,570	10,570	10,490	11,510	11,840					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		C110	10,410	1,577				12,240				12,150	13,330	13,630					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		P110	10,410	1,577		1,172	1,408	12,240		12,240	12,240	12,150	13,330	14,200					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		P110 HC	11,550	1,577		1,172	1,408	12,240		12,240	12,240	12,150	13,330	14,200					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		Q125	11,280	1,792		1,314	1,546	13,910		13,910	13,910	13,810	15,150	15,450					
8 3/4	8.750	49.70	48.78	0.557	7.636	7.511		Q125 HC	12,120	1,792		1,314	1,546	13,910		13,910	13,910	13,810	15,150	15,450					
9 5/8	9.625	32.30	31.06	0.312	9.001	8.845		H40	1,370	365	254			2,270	2,270			2,260	2,540	2,460					
9 5/8	9.625	36.00	34.89	0.352	8.921	8.765		H40	1,720	410	294			2,560	2,560			2,550	2,850	2,780					
9 5/8	9.625	36.00	34.89	0.352	8.921	8.765		J55	2,020	564	394	453	639	3,520	3,520	3,520	3,520	3,510	3,920	3,500					
9 5/8	9.625	36.00	34.89	0.352	8.921	8.765		K55	2,020	564	423	489	755	3,520	3,520	3,520	3,520	3,510	3,920	4,430					
9 5/8	9.625	36.00	34.89	0.352	8.921	8.765		HCK55	2,980	564		727	947												
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	J55	2,570	630	452	520	714	3,950	3,950	3,950	3,950	3,940	4,390	3,950					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	K55	2,570	630	486	561	843	3,950	3,950	3,950	3,950	3,940	4,390	5,000					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	HCK55	4,230	630	604	64	926												
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	L80	3,090	916		727	947	5,750		5,750	5,750	5,730	6,380	6,100					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	L80 HC	3,870	916		727	947	5,750		5,750	5,750	5,730	6,380	6,100					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	N80 Type 1	3,090	916		737	979	5,750		5,750	5,750	5,730	6,380	5,330					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	N80	3,090	916		737	979	5,750		5,750	5,750	5,730	6,380	6,430					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	N80 HC	3,940	916		737	979	5,750		5,750	5,750	5,730	6,380	6,430					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	T95	3,330	1,088		847	1,074	6,830		6,830	6,830	6,810	7,580	7,500					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	C110	3,470	1,260				7,910				7,880	8,770	8,640					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	P110	3,470	1,260		988	1,266	7,910		7,910	7,910	7,880	8,770	9,000					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	P110 HC	4,230	1,260		988	1,266	7,910		7,910	7,910	7,880	8,770	9,000					
9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	Q125	3,530	1,432		1,108	1,393	8,990		8,990	8,990	8,960	9,970	9,790					

9 5/8	9.625	40.00	38.97	0.395	8.835	8.679	8.750	Q125 HC	4,300	1,432		1,108	1,393	8,990		8,990	8,990	8,960	9,970	9,790					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		L80	3,810	1,005		813	1,038	6,330		6,330	6,330	6,310	7,000	6,740					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		L80 HC	4,830	1,005		813	1,038	6,330		6,330	6,330	6,310	7,000	6,740					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		N80 Type 1	3,810	1,005		825	1,074	6,330		6,330	6,330	6,310	7,000	5,880					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		N80	3,810	1,005		825	1,074	6,330		6,330	6,330	6,310	7,000	7,100					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		N80 HC	4,950	1,005		825	1,074	6,330		6,330	6,330	6,310	7,000	7,100					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		T95	4,130	1,193		948	1,178	7,520		7,520	7,520	7,490	8,310	8,290					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		C110	4,420	1,381		1,082	1,317	8,710		8,700	8,700	8,670	9,630	9,540					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		P110	4,420	1,381		1,105	1,388	8,710		8,710	8,710	8,670	9,630	9,940					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		P110 HC	5,440	1,381		1,105	1,388	8,710		8,710	8,710	8,670	9,630	9,940					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		Q125	4,620	1,570		1,240	1,527	9,900		9,900	9,900	9,860	10,940	10,820					
9 5/8	9.625	43.50	42.73	0.435	8.755	8.599		Q125 HC	5,550	1,570		1,240	1,527	9,900		9,900	9,900	9,860	10,940	10,820					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		L80	4,750	1,086		893	1,122	6,870		6,870	6,870	6,830	7,570	7,330					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		L80 HC	5,740	1,086		893	1,122	6,870		6,870	6,870	6,830	7,570	7,330					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		N80 Type 1	4,750	1,086		905	1,161	6,870		6,870	6,870	6,830	7,570	6,390					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		N80	4,750	1,086		905	1,161	6,870		6,870	6,870	6,830	7,570	7,720					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		N80 HC	5,910	1,086		905	1,161	6,870		6,870	6,870	6,830	7,570	7,720					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		T95	5,090	1,289		1,040	1,273	8,150		8,150	8,150	8,110	8,990	9,010					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		C110	5,300	1,493		1,188	1,423	9,440		9,440	9,160	9,400	10,410	10,380					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		P110	5,300	1,493		1,213	1,500	9,440		9,440	9,440	9,400	10,410	10,810					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		P110 HC	6,660	1,493		1,213	1,500	9,440		9,440	9,440	9,400	10,410	10,810					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		Q125	5,630	1,697		1,360	1,650	10,730		10,730	10,730	10,680	11,830	11,760					
9 5/8	9.625	47.00	46.18	0.472	8.681	8.525		Q125 HC	6,830	1,697		1,360	1,650	10,730		10,730	10,730	10,680	11,830	11,760					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	L80	6,620	1,244		1,047	1,286	7,930		7,930	7,930	7,880	8,680	8,520					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	L80 HC	7,510	1,244		1,047	1,286	7,930		7,930	7,930	7,880	8,680	8,520					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	N80 Type 1	6,620	1,244		1,062	1,329	7,930		7,930	7,930	7,880	8,680	7,420					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	N80	6,620	1,244		1,062	1,329	7,930		7,930	7,930	7,880	8,680	8,960					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	N80 HC	7,800	1,244		1,062	1,329	7,930		7,930	7,930	7,880	8,680	8,960					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	T95	7,340	1,477		1,220	1,458	9,420		9,420	9,420	9,360	10,310	10,480					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	C110	7,950	1,710		1,393	1,630	10,900		9,700	9,160	10,840	11,930	12,070					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	P110	7,950	1,710		1,422	1,718	10,900		10,900	10,900	10,840	11,930	12,570					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	P110 HC	9,190	1,710		1,422	1,718	10,900		10,900	10,900	10,840	11,930	12,570					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	Q125	8,440	1,943		1,595	1,890	12,390		12,390	12,390	12,310	13,560	13,680					
9 5/8	9.625	53.50	52.90	0.545	8.535	8.379	8.500	Q125 HC	9,540	1,943		1,595	1,890	12,390		12,390	12,390	12,310	13,560	13,680					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	L80	7,890	1,350		1,151	1,396	8,660		8,660	8,660	8,600	9,430	9,340					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	L80 HC	8,670	1,350		1,151	1,396	8,660		8,660	8,660	8,600	9,430	9,340					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	N80 Type 1	7,890	1,350		1,167	1,443	8,660		8,660	8,660	8,600	9,430	8,130					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	N80	7,890	1,350		1,167	1,443	8,660		8,660	8,660	8,600	9,430	9,830					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	N80 HC	9,040	1,350		1,167	1,443	8,660		8,660	8,660	8,600	9,430	9,830					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	T95	8,890	1,604		1,341	1,583	10,280		10,280	10,280	10,210	11,200	11,500					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	C110	9,770	1,857		1,530	1,770	11,910		9,700	9,160	11,820	12,970	13,240					

9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	P110	9,770	1,857		1,563	1,865	11,910		11,910	11,910	11,820	12,970	13,790					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	P110 HC	10,940	1,857		1,563	1,865	11,910		11,910	11,910	11,820	12,970	13,790					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	Q125	10,540	2,110		1,754	2,052	13,530		13,530	13,530	13,430	14,740	15,010					
9 5/8	9.625	58.40	57.44	0.595	8.435	8.279	8.375	Q125 HC	11,450	2,110		1,754	2,052	13,530		13,530	13,530	13,430	14,740	15,010					
9 5/8	9.625	59.40	58.70	0.609	8.407	8.251		T95	9,320	1,639				10,520				10,440	11,450	11,780					
9 5/8	9.625	59.40	58.70	0.609	8.407	8.251		C110	10,280	1,898				12,180				12,090	13,260	13,560					
9 5/8	9.625	61.10	60.13	0.625	8.375	8.219		C110	10,860	1,944				12,500				12,400	13,580	13,940					
9 5/8	9.625	61.10	60.13	0.625	8.375	8.219		P110	10,860	1,944		1,647	1,953	12,500		12,500	12,140	12,400	13,580	14,520					
9 5/8	9.625	61.10	60.13	0.625	8.375	8.219		P110 HC	11,970	1,944		1,647	1,953	12,500		12,500	12,140	12,400	13,580	14,520					
9 5/8	9.625	61.10	60.13	0.625	8.375	8.219		Q125	11,800	2,209		1,848	2,149	14,210		14,210	13,800	14,090	15,430	15,800					
9 5/8	9.625	61.10	60.13	0.625	8.375	8.219		Q125 HC	12,580	2,209		1,848	2,149	14,210		14,210	13,800	14,090	15,430	15,800					
9 5/8	9.625	64.90	64.32	0.672	8.281	8.125		T95	11,260	1,796				11,610				11,500	12,560	13,070					
9 5/8	9.625	64.90	64.32	0.672	8.281	8.125		C110	12,570	2,079				13,440				13,310	14,540	15,040					
9 5/8	9.625	64.90	64.32	0.672	8.281	8.125		P110	12,570	2,079		1,778	2,089	13,440		13,280	12,140	13,310	14,540	15,670					
9 5/8	9.625	64.90	64.32	0.672	8.281	8.125		P110 HC	13,540	2,079		1,778	2,089	13,440		13,280	12,140	13,310	14,540	15,670					
9 5/8	9.625	64.90	64.32	0.672	8.281	8.125		Q125	13,780	2,363		1,994	2,298	15,270		15,090	13,800	15,130	16,520	17,050					
9 5/8	9.625	64.90	64.32	0.672	8.281	8.125		Q125 HC	14,320	2,363		1,994	2,298	15,270		15,090	13,800	15,130	16,520	17,050					
9 5/8	9.625	70.30	69.76	0.734	8.157	8.001		T95	13,170	1,948				12,670				12,530	13,630	14,350					
9 5/8	9.625	70.30	69.76	0.734	8.157	8.001		C110	14,830	2,255				14,670				14,510	15,780	16,520					
9 5/8	9.625	70.30	69.76	0.734	8.157	8.001		P110	14,830	2,255		1,948	2,196	14,670		13,280	12,140	14,510	15,780	17,210					
9 5/8	9.625	70.30	69.76	0.734	8.157	8.001		P110 HC	15,550	2,255		1,948	2,196	14,670		13,280	12,140	14,510	15,780	17,210					
9 5/8	9.625	70.30	69.76	0.734	8.157	8.001		Q125	16,390	2,563		2,185	2,372	16,680		15,090	13,800	16,490	17,940	18,720					
9 5/8	9.625	70.30	69.76	0.734	8.157	8.001		Q125 HC	16,540	2,563		2,185	2,372	16,680		15,090	13,800	16,490	17,940	18,720					
9 5/8	9.625	75.60	75.21	0.797	8.031	7.875		T95	14,430	2,100				13,760				13,580	14,710	15,660					
9 5/8	9.625	75.60	75.21	0.797	8.031	7.875		C110	16,700	2,431				15,930				15,720	17,030	18,040					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	K55	5,860	941	682	788	1,120	5,880	5,880	5,880	5,880	5,840	6,410	7,530					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	L80	7,700	1,369		1,020	1,258	8,550		8,550	8,550	8,490	9,320	10,180					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	L80 HC	8,490	1,369		1,020	1,258	8,550		8,550	8,550	8,490	9,320	10,180					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	N80 Type 1	7,700	1,369		1,035	1,301	8,550		8,550	8,550	8,490	9,320	10,720					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	N80	7,700	1,369		1,035	1,301	8,550		8,550	8,550	8,490	9,320	10,720					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	N80 HC	8,850	1,369		1,035	1,301	8,550		8,550	8,550	8,490	9,320	10,720					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	T95	8,650	1,626		1,189	1,426	10,150		10,150	10,150	10,080	11,060	11,340					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	C110	9,490	1,882				11,760				11,670	12,810	13,600					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	P110	9,490	1,882		1,386	1,681	11,760		11,760	11,760	11,670	12,810	13,600					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	P110 HC	10,670	1,882		1,386	1,681	11,760		11,760	11,760	11,670	12,810	13,600					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	Q125	10,210	2,139		1,555	1,850	13,360		13,360	13,360	13,260	14,560	14,800					
9 3/4	9.750	59.20	58.23	0.595	8.560	8.404	8.500	Q125 HC	11,160	2,139		1,555	1,850	13,360		13,360	13,360	13,260	14,560	14,800					
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	K55	6,230	999	636	735	1,055	6,090	6,090	6,090	6,070	6,050	6,630	7,810					
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	L80	8,260	1,453		952	1,185	8,860		8,860	8,830	8,790	9,640	10,580					
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	L80 HC	8,990	1,453		952	1,185	8,860		8,860	8,830	8,790	9,640	10,580					
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	N80 Type 1	8,260	1,453		965	1,226	8,860		8,860	8,830	8,790	9,640	11,130					

9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	N80	8,260	1,453		965	1,226	8,860		8,860	8,830	8,790	9,640	11,130						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	N80 HC	9,380	1,453		965	1,226	8,860		8,860	8,830	8,790	9,640	11,130						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	T95	9,320	1,725		1,109	1,344	10,520		10,520	10,490	10,440	11,450	11,780						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	C110	10,280	1,998				12,190				12,090	13,260	14,130						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	P110	10,280	1,998		1,293	1,584	12,190		12,190	12,140	12,090	13,260	14,130						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	P110 HC	11,430	1,998		1,293	1,584	12,190		12,190	12,140	12,090	13,260	14,130						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	Q125	11,140	2,270		1,451	1,743	13,850		13,850	13,800	13,740	15,070	15,370						
9 7/8	9.875	62.80	61.80	0.625	8.625	8.469	8.500	Q125 HC	11,980	2,270		1,451	1,743	13,850		13,850	13,800	13,740	15,070	15,370						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	K55	6,650	1,036	671	775	1,105	6,340	6,180	6,340	6,070	6,280	6,880	8,140						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	L80	8,880	1,507		1,005	1,241	9,220		9,220	8,830	9,140	10,010	11,030						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	L80 HC	9,530	1,507		1,005	1,241	9,220		9,220	8,830	9,140	10,010	11,030						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	N80 Type 1	8,880	1,507		1,019	1,283	9,220		9,220	8,830	9,140	10,010	11,610						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	N80	8,880	1,507		1,019	1,283	9,220		9,220	8,830	9,140	10,010	11,610						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	N80 HC	9,970	1,507		1,019	1,283	9,220		9,220	8,830	9,140	10,010	11,610						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	T95	10,080	1,790		1,171	1,407	10,950		10,950	10,490	10,860	11,880	12,280						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	C110	11,170	2,072				12,680				12,570	13,760	14,730						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	P110	11,170	2,072		1,365	1,659	12,680		12,680	12,140	12,570	13,760	14,730						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	P110 HC	12,260	2,072		1,365	1,659	12,680		12,680	12,140	12,570	13,760	14,730						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	Q125	12,160	2,355		1,531	1,825	14,410		14,410	13,800	14,280	15,630	16,030						
9 7/8	9.875	65.10	64.10	0.650	8.575	8.419	8.500	Q125 HC	12,900	2,355		1,531	1,825	14,410		14,410	13,800	14,280	15,630	16,030						
10 3/4	10.750	32.75	31.23	0.279	10.192	10.036		H40	840	367	205			1,820	1,820				1,810	2,050	1,960					
10 3/4	10.750	40.50	38.91	0.350	10.050	9.894		H40	1,390	457	314			2,280	2,280				2,270	2,550	2,470					
10 3/4	10.750	40.50	38.91	0.350	10.050	9.894		J55	1,580	629	420		700	3,130	3,130			3,130	3,120	3,510	3,110					
10 3/4	10.750	40.50	38.91	0.350	10.050	9.894		K55	1,580	629	450		819	3,130	3,130			3,130	3,120	3,510	3,930					
10 3/4	10.750	40.50	38.91	0.350	10.050	9.894		HCK55	2,100	629	562		911													
10 3/4	10.750	40.50	38.91	0.350	10.050	9.894		N80	1,730	915	597		964													
10 3/4	10.750	40.50	38.91	0.350	10.050	9.894		HCN80	2,100	915	681		1,034													
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	J55	2,090	715	493		796	3,580	3,580			3,580	3,570	3,990	3,560					
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	K55	2,090	715	528		931	3,580	3,580			3,580	3,570	3,990	4,510					
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	HCK55	3,130	715	659		1,037													
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	L80	2,470	1,040	692		1,063	5,210	5,210			5,210	5,200	5,810	5,510					
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	L80 HC	2,940	1,040	692		1,063	5,210	5,210			5,210	5,200	5,810	5,510					
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	N80 Type 1	2,470	1,040	701		1,097	5,210	5,210			5,210	5,200	5,810	4,810					
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	N80	2,470	1,040	701		1,097	5,210	5,210			5,210	5,200	5,810	5,800					
10 3/4	10.750	45.50	44.26	0.400	9.950	9.794	9.875	N80 HC	3,020	1,040	701		1,097	5,210	5,210			5,210	5,200	5,810	5,800					
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		J55	2,710	801	565		891	4,030	4,030			4,030	4,020	4,470	4,020					
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		K55	2,710	801	606		1,043	4,030	4,030			4,030	4,020	4,470	5,100					
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		L80	3,220	1,165	794		1,190	5,860	5,860			5,860	5,840	6,500	6,230					
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		L80 HC	3,890	1,165	794		1,190	5,860	5,860			5,860	5,840	6,500	6,230					
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		N80 Type 1	3,220	1,165	804		1,228	5,860	5,860			5,860	5,840	6,500	5,430					
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		N80	3,220	1,165	804		1,228	5,860	5,860			5,860	5,840	6,500	6,550					

10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		N80 HC	4,030	1,165	804		1,228	5,860	5,860		5,860	5,840	6,500	6,550				
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		T95	3,480	1,383	927		1,354	6,960	6,960		6,960	6,940	7,720	7,650				
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		C110	3,660	1,602				8,060				8,040	8,940	8,810				
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		P110	3,660	1,602	1,079		1,594	8,060	8,060		8,060	8,040	8,940	9,180				
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		P110 HC	4,390	1,602	1,079		1,594	8,060	8,060		8,060	8,040	8,940	9,180				
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		Q125	3,740	1,820	1,212		1,758	9,160	9,160		9,160	9,130	10,160	9,990				
10 3/4	10.750	51.00	49.55	0.450	9.850	9.694		Q125 HC	4,470	1,820	1,212		1,758	9,160	9,160		9,160	9,130	10,160	9,990				
10 3/4	10.750	55.50		0.495	9.760	9.604	9.625	HCK55	5,220	877	843		1,271											
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	L80	4,020	1,276	884		1,303	6,440	6,440		6,440	6,420	7,130	6,860				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	L80 HC	4,790	1,276	884		1,303	6,440	6,440		6,440	6,420	7,130	6,860				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	N80 Type 1	4,020	1,276	895		1,345	6,440	6,440		6,440	6,420	7,130	5,980				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	N80	4,020	1,276	895		1,345	6,440	6,440		6,440	6,420	7,130	7,230				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	N80 HC	5,000	1,276	895		1,345	6,440	6,440		6,440	6,420	7,130	7,230				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	T95	4,290	1,515	1,032		1,483	7,650	7,650		7,650	7,620	8,460	8,440				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	C110	4,610	1,754	1,180		1,662	8,860	7,890		7,440	8,830	9,800	9,720				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	P110	4,610	1,754	1,202		1,745	8,860	8,860		8,860	8,830	9,800	10,120				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	P110 HC	5,570	1,754	1,202		1,745	8,860	8,860		8,860	8,830	9,800	10,120				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	Q125	4,850	1,993	1,350		1,925	10,070	10,070		10,070	10,030	11,140	11,010				
10 3/4	10.750	55.50	54.26	0.495	9.760	9.604	9.625	Q125 HC	5,710	1,993	1,350		1,925	10,070	10,070		10,070	10,030	11,140	11,010				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		L80	5,160	1,398	983		1,428	7,100	7,100		7,100	7,060	7,810	7,590				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		L80 HC	5,810	1,398	983		1,428	7,100	7,100		7,100	7,060	7,810	7,590				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		N80 Type 1	5,160	1,398	996		1,473	7,100	7,100		7,100	7,060	7,810	6,610				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		N80	5,160	1,398	996		1,473	7,100	7,100		7,100	7,060	7,810	7,990				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		N80 HC	6,110	1,398	996		1,473	7,100	7,100		7,100	7,060	7,810	7,990				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		T95	5,580	1,660	1,148		1,625	8,430	8,430		8,430	8,390	9,280	9,330				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		C110	5,880	1,922	1,312		1,821	9,760	7,890		7,440	9,710	10,740	10,750				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		P110	5,880	1,922	1,337		1,912	9,760	9,760		9,760	9,710	10,740	11,200				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		P110 HC	6,990	1,922	1,337		1,912	9,760	9,760		9,760	9,710	10,740	11,200				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		Q125	6,070	2,184	1,502		2,109	11,090	11,090		11,090	11,040	12,210	12,180				
10 3/4	10.750	60.70	59.45	0.545	9.660	9.504		Q125 HC	7,210	2,184	1,502		2,109	11,090	11,090		11,090	11,040	12,210	12,180				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		L80	6,300	1,519	1,082		1,551	7,750	7,750		7,750	7,710	8,490	8,320				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		L80 HC	6,820	1,519	1,082		1,551	7,750	7,750		7,750	7,710	8,490	8,320				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		N80 Type 1	6,300	1,519	1,096		1,600	7,750	7,750		7,750	7,710	8,490	7,250				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		N80	6,300	1,519	1,096		1,600	7,750	7,750		7,750	7,710	8,490	8,760				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		N80 HC	7,230	1,519	1,096		1,600	7,750	7,750		7,750	7,710	8,490	8,760				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		T95	6,970	1,803	1,263		1,765	9,210	9,210		9,210	9,150	10,090	10,240				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		C110	7,500	2,088	1,444		1,979	10,660	7,890		7,440	10,600	11,680	11,790				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		P110	7,500	2,088	1,471		2,077	10,660	10,660		10,660	10,600	11,680	12,280				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		P110 HC	8,470	2,088	1,471		2,077	10,660	10,660		10,660	10,600	11,680	12,280				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		Q125	7,920	2,373	1,652		2,291	12,120	12,120		12,120	12,040	13,270	13,360				
10 3/4	10.750	65.70	64.59	0.595	9.560	9.404		Q125 HC	8,790	2,373	1,652		2,291	12,120	12,120		12,120	12,040	13,270	13,360				

11 3/4	11.750	65.00	64.03	0.534	10.682	10.526	10.625	C110	4,480	2,070				8,740				8,710	9,680	9,580				
11 3/4	11.750	65.00	64.03	0.534	10.682	10.526	10.625	P110	4,480	2,070	1,370		2,041	8,740	8,740		8,740	8,710	9,680	9,980				
11 3/4	11.750	65.00	64.03	0.534	10.682	10.526	10.625	P110 HC	5,390	2,070	1,370		2,041	8,740	8,740		8,740	8,710	9,680	9,980				
11 3/4	11.750	65.00	64.03	0.534	10.682	10.526	10.625	Q125	4,690	2,352	1,539		2,256	9,940	9,940		9,940	9,900	11,000	10,860				
11 3/4	11.750	65.00	64.03	0.534	10.682	10.526	10.625	Q125 HC	5,520	2,352	1,539		2,256	9,940	9,940		9,940	9,900	11,000	10,860				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		L80	4,880	1,634	1,107		1,651	6,930	6,930		6,930	6,900	7,640	7,400				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		L80 HC	5,550	1,634	1,107		1,651	6,930	6,930		6,930	6,900	7,640	7,400				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		N80 Type 1	4,880	1,634	1,120		1,700	6,930	6,930		6,930	6,900	7,640	6,450				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		N80	4,880	1,634	1,120		1,700	6,930	6,930		6,930	6,900	7,640	7,790				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		N80 HC	5,830	1,634	1,120		1,700	6,930	6,930		6,930	6,900	7,640	7,790				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		T95	5,240	1,940	1,293		1,884	8,230	8,230		8,230	8,190	9,070	9,100				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		C110	5,470	2,246				9,530				9,480	10,510	10,480				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		P110	5,470	2,246	1,506		2,215	9,530	9,530		9,530	9,480	10,510	10,920				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		P110 HC	6,630	2,246	1,506		2,215	9,530	9,530		9,530	9,480	10,510	10,920				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		Q125	5,760	2,553	1,692		2,448	10,830	10,830		10,830	10,780	11,940	11,880				
11 3/4	11.750	71.00	69.48	0.582	10.586	10.430		Q125 HC	6,820	2,553	1,692		2,448	10,830	10,830		10,830	10,780	11,940	11,880				
11 3/4	11.750	80.50	79.58	0.672	10.406	10.250		T95	7,510	2,222	1,509		2,158	9,510	8,950		8,740	9,450	10,410	10,590				
11 3/4	11.750	80.50	79.58	0.672	10.406	10.250		C110	8,140	2,573				11,010				10,940	12,050	12,190				
11 3/4	11.750	80.50	79.58	0.672	10.406	10.250		P110	8,140	2,573	1,756		2,537	11,010	10,400		10,120	10,940	12,050	12,700				
11 3/4	11.750	80.50	79.58	0.672	10.406	10.250		P110 HC	9,070	2,573	1,756		2,537	11,010	10,400		10,120	10,940	12,050	12,700				
11 3/4	11.750	80.50	79.58	0.672	10.406	10.250		Q125	8,660	2,923	1,974		2,804	12,510	11,810		11,500	12,430	13,690	13,820				
11 3/4	11.750	80.50	79.58	0.672	10.406	10.250		Q125 HC	9,430	2,923	1,974		2,804	12,510	11,810		11,500	12,430	13,690	13,820				
11 3/4	11.750	87.20	86.44	0.734	10.282	10.126		T95	9,080	2,413	1,655		2,236	10,380	8,950		8,740	10,300	11,310	11,610				
11 3/4	11.750	87.20	86.44	0.734	10.282	10.126		C110	9,990	2,794				12,020				11,930	13,100	13,370				
11 3/4	11.750	87.20	86.44	0.734	10.282	10.126		P110	9,990	2,794	1,927		2,661	12,020	10,400		10,120	11,930	13,100	13,930				
11 3/4	11.750	87.20	86.44	0.734	10.282	10.126		P110 HC	10,780	2,794	1,927		2,661	12,020	10,400		10,120	11,930	13,100	13,930				
11 3/4	11.750	87.20	86.44	0.734	10.282	10.126		Q125	10,800	3,175	2,165		2,874	13,660	11,810		11,500	13,560	14,880	15,150				
11 3/4	11.750	87.20	86.44	0.734	10.282	10.126		Q125 HC	11,290	3,175	2,165		2,874	13,660	11,810		11,500	13,560	14,880	15,150				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	K55	3,880	1,136	742		1,279	4,710	4,710		4,710	4,690	5,200	5,990				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	L80	4,750	1,652	977		1,482	6,860	6,860		6,860	6,830	7,570	7,320				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	L80 HC	5,440	1,652	977		1,482	6,860	6,860		6,860	6,830	7,570	7,320				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	N80 Type 1	4,750	1,652	988		1,526	6,860	6,860		6,860	6,830	7,570	6,380				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	N80	4,750	1,652	988		1,526	6,860	6,860		6,860	6,830	7,570	7,710				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	N80 HC	5,710	1,652	988		1,526	6,860	6,860		6,860	6,830	7,570	7,710				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	T95	5,090	1,962	1,141		1,691	8,140	8,140		8,140	8,110	8,980	9,000				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	C110	5,290	2,271				9,430				9,390	10,400	10,370				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	P110	5,290	2,271	1,329		1,988	9,430	9,430		9,430	9,390	10,400	10,800				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	P110 HC	6,460	2,271	1,329		1,988	9,430	9,430		9,430	9,390	10,400	10,800				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	Q125	5,630	2,581	1,493		2,198	10,720	10,720		10,720	10,670	11,820	11,750				
11 7/8	11.875	71.80	70.26	0.582	10.711	10.555	10.625	Q125 HC	6,650	2,581	1,493		2,198	10,720	10,720		10,720	10,670	11,820	11,750				
13 3/8	13.375	48.00	46.02	0.330	12.715	12.559		H40	740	541	322			1,730	1,730			1,730	1,950	1,860				

13 5/8	13.625	88.20	86.86	0.625	12.375	12.219	12.250	P110	4,570	2,808	1,358		2,163	8,830	8,830		8,830	8,800	9,760	10,090				
13 5/8	13.625	88.20	86.86	0.625	12.375	12.219	12.250	P110 HC	5,520	2,808	1,358		2,163	8,830	8,830		8,830	8,800	9,760	10,090				
13 5/8	13.625	88.20	86.86	0.625	12.375	12.219	12.250	Q125	4,800	3,191	1,527		2,399	10,040	10,040		10,040	10,000	11,100	10,980				
13 5/8	13.625	88.20	86.86	0.625	12.375	12.219	12.250	Q125 HC	5,650	3,191	1,527		2,399	10,040	10,040		10,040	10,000	11,100	10,980				
16	16.000	65.00	62.64	0.375	15.250	15.062		H40	630	736	439			1,640	1,640			1,640	1,850	1,770				
16	16.000	75.00	72.86	0.438	15.124	14.936		J55	1,020	1,178	710		1,200	2,630	2,630		2,630	2,630	2,960	2,600				
16	16.000	75.00	72.86	0.438	15.124	14.936		K55	1,020	1,178	752		1,331	2,630	2,630		2,630	2,630	2,960	3,300				
16	16.000	84.00	82.05	0.495	15.010	14.822		J55	1,410	1,326	817		1,351	2,980	2,980		2,980	2,970	3,340	2,950				
16	16.000	84.00	82.05	0.495	15.010	14.822		K55	1,410	1,326	865		1,499	2,980	2,980		2,980	2,970	3,340	3,740				
16	16.000	84.00	82.05	0.495	15.010	14.822		L80	1,480	1,929	1,155		1,861	4,330	4,330		4,330	4,320	4,850	4,560				
16	16.000	84.00	82.05	0.495	15.010	14.822		L80 HC	1,820	1,929	1,155		1,861	4,330	4,330		4,330	4,320	4,850	4,560				
16	16.000	84.00	82.05	0.495	15.010	14.822		N80 Type 1	1,480	1,929	1,167		1,898	4,330	4,330		4,330	4,320	4,850	3,980				
16	16.000	84.00	82.05	0.495	15.010	14.822		N80	1,480	1,929	1,167		1,898	4,330	4,330		4,330	4,320	4,850	4,800				
16	16.000	84.00	82.05	0.495	15.010	14.822		N80 HC	1,850	1,929	1,167		1,898	4,330	4,330		4,330	4,320	4,850	4,800				
16	16.000	84.00	82.05	0.495	15.010	14.822		P110	1,480	2,652	1,575		2,518	5,950	5,950		5,950	5,940	6,670	6,710				
16	16.000	84.00	82.05	0.495	15.010	14.822		P110 HC	1,930	2,652	1,575		2,518	5,950	5,950		5,950	5,940	6,670	6,710				
16	16.000	84.00	82.05	0.495	15.010	14.822		Q125	1,480	3,014	1,773		2,809	6,770	6,770		6,770	6,750	7,580	7,300				
16	16.000	84.00	82.05	0.495	15.010	14.822		Q125 HC	1,940	3,014	1,773		2,809	6,770	6,770		6,770	6,750	7,580	7,300				
16	16.000	97.00	94.81	0.575	14.850	14.662		J55	1,950	1,533	967		1,561	3,460	3,460		3,460	3,450	3,860	3,440				
16	16.000	97.00	94.81	0.575	14.850	14.662		K55	1,950	1,533	1,023		1,732	3,460	3,460		3,460	3,450	3,860	4,350				
16	16.000	97.00	94.81	0.575	14.850	14.662		L80	2,270	2,229	1,367		2,151	5,030	5,030		5,030	5,020	5,610	5,320				
16	16.000	97.00	94.81	0.575	14.850	14.662		L80 HC	2,700	2,229	1,367		2,151	5,030	5,030		5,030	5,020	5,610	5,320				
16	16.000	97.00	94.81	0.575	14.850	14.662		N80 Type 1	2,270	2,229	1,381		2,194	5,030	5,030		5,030	5,020	5,610	4,640				
16	16.000	97.00	94.81	0.575	14.850	14.662		N80	2,270	2,229	1,381		2,194	5,030	5,030		5,030	5,020	5,610	5,600				
16	16.000	97.00	94.81	0.575	14.850	14.662		N80 HC	2,760	2,229	1,381		2,194	5,030	5,030		5,030	5,020	5,610	5,600				
16	16.000	97.00	94.81	0.575	14.850	14.662		P110	2,340	3,065	1,863		2,910	6,920	6,920		6,920	6,900	7,720	7,830				
16	16.000	97.00	94.81	0.575	14.850	14.662		P110 HC	2,930	3,065	1,863		2,910	6,920	6,920		6,920	6,900	7,720	7,830				
16	16.000	97.00	94.81	0.575	14.850	14.662		Q125	2,340	3,483	2,097		3,246	7,860	7,860		7,860	7,840	8,770	8,520				
16	16.000	97.00	94.81	0.575	14.850	14.662		Q125 HC	2,960	3,483	2,097		3,246	7,860	7,860		7,860	7,840	8,770	8,520				
16	16.000	109.00	107.60	0.656	14.688	14.500		J55	2,560	1,739	1,116		1,772	3,950	3,950		3,950	3,930	4,380	3,940				
16	16.000	109.00	107.60	0.656	14.688	14.500		K55	2,560	1,739	1,181		1,965	3,950	3,950		3,950	3,930	4,380	4,990				
16	16.000	109.00	107.60	0.656	14.688	14.500		L80	3,080	2,530	1,578		2,441	5,740	5,740		5,740	5,720	6,370	6,090				
16	16.000	109.00	107.60	0.656	14.688	14.500		L80 HC	3,710	2,530	1,578		2,441	5,740	5,740		5,740	5,720	6,370	6,090				
16	16.000	109.00	107.60	0.656	14.688	14.500		N80 Type 1	3,080	2,530	1,594		2,489	5,740	5,740		5,740	5,720	6,370	5,310				
16	16.000	109.00	107.60	0.656	14.688	14.500		N80	3,080	2,530	1,594		2,489	5,740	5,740		5,740	5,720	6,370	6,410				
16	16.000	109.00	107.60	0.656	14.688	14.500		N80 HC	3,830	2,530	1,594		2,489	5,740	5,740		5,740	5,720	6,370	6,410				
16	16.000	109.00	107.60	0.656	14.688	14.500		C110	3,470	3,478	2,135		3,254	7,890	7,890		7,890	7,870	8,770	7,810				
16	16.000	109.00	107.60	0.656	14.688	14.500		P110	3,470	3,478	2,151		3,302	7,890	7,890		7,890	7,870	8,770	8,980				
16	16.000	109.00	107.60	0.656	14.688	14.500		P110 HC	4,160	3,478	2,151		3,302	7,890	7,890		7,890	7,870	8,770	8,980				
16	16.000	109.00	107.60	0.656	14.688	14.500		Q125	3,520	3,953	2,422		3,684	8,970	8,970		8,970	8,940	9,960	9,770				
16	16.000	109.00	107.60	0.656	14.688	14.500		Q125 HC	4,230	3,953	2,422		3,684	8,970	8,970		8,970	8,940	9,960	9,770				

