



Surcharge List - December 2021 Data

Effective Dec 1, 2021 through Dec 31, 2021

Published November 10, 2021

(\$/CWT)

Scrap Surcharge:
\$24.75/CWT

Energy Surcharge:
Bars*: \$0.606/CWT Tubes*: \$0.826/CWT
*Not included in Total below

Grade	Scrap	Alloy	Cr	Ni	Mo	V	Mn	Total
1010	24.750	0.460	0.000	0.000	0.000	0.000	0.460	25.210
1015	24.750	0.460	0.000	0.000	0.000	0.000	0.460	25.210
1018	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1020	24.750	0.460	0.000	0.000	0.000	0.000	0.460	25.210
1022	24.750	0.869	0.000	0.000	0.000	0.000	0.869	25.619
1025	24.750	0.460	0.000	0.000	0.000	0.000	0.460	25.210
1026	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1028	24.750	0.951	0.000	0.000	0.000	0.000	0.951	25.701
1029	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1030	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1035	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1038	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1040	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1042	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1043	24.750	0.869	0.000	0.000	0.000	0.000	0.869	25.619
1045	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1050	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1053	24.750	0.869	0.000	0.000	0.000	0.000	0.869	25.619
1055	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1060	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1080	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1090	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1117	24.750	1.176	0.000	0.000	0.000	0.000	1.176	25.926
1137	24.750	1.534	0.000	0.000	0.000	0.000	1.534	26.284
1141	24.750	1.534	0.000	0.000	0.000	0.000	1.534	26.284



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Grade	Scrap	Alloy	Cr	Ni	Mo	V	Mn	Total
1144	24.750	1.534	0.000	0.000	0.000	0.000	1.534	26.284
1340	24.750	1.790	0.000	0.000	0.000	0.000	1.790	26.540
1516	24.750	1.458	0.000	0.000	0.000	0.000	1.458	26.208
1522	24.750	1.279	0.000	0.000	0.000	0.000	1.279	26.029
1552	24.750	1.381	0.000	0.000	0.000	0.000	1.381	26.131
1566	24.750	1.023	0.000	0.000	0.000	0.000	1.023	25.773
3310	24.750	26.928	3.407	22.985	0.000	0.000	0.537	51.678
3311	24.750	26.530	3.136	22.985	0.000	0.000	0.409	51.280
4023	24.750	6.149	0.000	0.000	5.331	0.000	0.818	30.899
4027	24.750	6.149	0.000	0.000	5.331	0.000	0.818	30.899
4118	24.750	4.352	1.081	0.000	2.452	0.000	0.818	29.102
4120	24.750	5.674	1.081	0.000	3.518	0.000	1.074	30.424
4121	24.750	7.415	1.190	0.000	5.331	0.000	0.895	32.165
4130	24.750	6.831	2.055	0.000	4.265	0.000	0.511	31.581
4135	24.750	7.138	2.055	0.000	4.265	0.000	0.818	31.888
4140	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4142	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4145	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4150	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4319	24.750	18.683	1.081	11.657	5.331	0.000	0.614	43.433
4320	24.750	18.960	1.081	11.985	5.331	0.000	0.563	43.710
4340	24.750	19.788	1.730	11.985	5.331	0.000	0.742	44.538
4350	24.750	19.705	1.622	11.985	5.331	0.000	0.767	44.455
4619	24.750	18.527	0.649	11.985	5.331	0.000	0.563	43.277
4715	24.750	18.785	1.190	5.582	11.195	0.000	0.818	43.535



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Grade	Scrap	Alloy	Cr	Ni	Mo	V	Mn	Total
4820	24.750	28.929	0.000	22.985	5.331	0.000	0.614	53.679
5046	24.750	1.490	0.595	0.000	0.000	0.000	0.895	26.240
5060	24.750	1.976	1.081	0.000	0.000	0.000	0.895	26.726
5120	24.750	2.549	1.730	0.000	0.000	0.000	0.818	27.299
5130	24.750	2.873	2.055	0.000	0.000	0.000	0.818	27.623
5135	24.750	2.717	2.001	0.000	0.000	0.000	0.716	27.467
5150	24.750	2.549	1.730	0.000	0.000	0.000	0.818	27.299
5160	24.750	2.625	1.730	0.000	0.000	0.000	0.895	27.375
5165	24.750	2.625	1.730	0.000	0.000	0.000	0.895	27.375
5219	24.750	2.736	1.406	0.000	0.000	0.000	1.330	27.486
6150	24.750	4.501	2.055	0.000	0.000	1.628	0.818	29.251
8019	24.750	4.301	1.244	0.000	2.239	0.000	0.818	29.051
8119	24.750	7.329	1.298	2.134	2.772	0.000	1.125	32.079
8219	24.750	7.670	1.298	2.134	2.985	0.000	1.253	32.420
8319	24.750	8.523	1.298	2.134	3.838	0.000	1.253	33.273
8617	24.750	9.776	1.081	3.612	4.265	0.000	0.818	34.526
8620	24.750	9.776	1.081	3.612	4.265	0.000	0.818	34.526
8625	24.750	9.776	1.081	3.612	4.265	0.000	0.818	34.526
8630	24.750	9.776	1.081	3.612	4.265	0.000	0.818	34.526
8640	24.750	9.853	1.081	3.612	4.265	0.000	0.895	34.603
8740	24.750	10.919	1.081	3.612	5.331	0.000	0.895	35.669
8822	24.750	13.052	1.081	3.612	7.463	0.000	0.895	37.802
9260	24.750	0.895	0.000	0.000	0.000	0.000	0.895	25.645
9310	24.750	26.953	2.595	21.343	2.452	0.000	0.563	51.703
9840	24.750	14.447	1.730	6.567	5.331	0.000	0.818	39.197



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Grade	Scrap	Alloy	Cr	Ni	Mo	V	Mn	Total
52100	24.750	3.548	3.190	0.000	0.000	0.000	0.358	28.298
1010M+Ti	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1020V3	24.750	1.400	0.000	0.000	0.000	0.326	1.074	26.150
1022M	24.750	0.997	0.000	0.000	0.000	0.000	0.997	25.747
1026HS	24.750	1.473	0.000	0.000	0.000	0.705	0.767	26.223
1045H	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
1050M1	24.750	1.100	0.000	0.000	0.000	0.000	1.100	25.850
1050M2	24.750	0.972	0.000	0.000	0.000	0.000	0.972	25.722
1050MV	24.750	0.984	0.000	0.000	0.000	0.217	0.767	25.734
1060M	24.750	0.716	0.000	0.000	0.000	0.000	0.716	25.466
1070M	24.750	0.972	0.000	0.000	0.000	0.000	0.972	25.722
1080M	24.750	0.762	0.000	0.000	0.000	0.000	0.762	25.512
10B36	24.750	1.279	0.000	0.000	0.000	0.000	1.279	26.029
10B41	24.750	0.972	0.000	0.000	0.000	0.000	0.972	25.722
10V40M	24.750	1.754	0.000	0.000	0.000	0.705	1.048	26.504
10V45	24.750	1.961	0.000	0.000	0.000	1.194	0.767	26.711
1141V	24.750	2.457	0.000	0.000	0.000	0.923	1.534	27.207
1516CbV1	24.750	2.169	0.000	0.000	0.000	0.814	1.355	26.919
1517VCbCa2	24.750	1.361	0.000	0.000	0.000	0.271	1.089	26.111
1518CbV	24.750	2.056	0.270	0.000	0.000	0.543	1.243	26.806
1518VCa2	24.750	1.579	0.000	0.000	0.000	0.326	1.253	26.329
1519V	24.750	1.267	0.000	0.000	0.000	0.163	1.105	26.017
1519VCbCa2	24.750	1.849	0.000	0.000	0.000	0.760	1.089	26.599
1520VNb	24.750	1.886	0.000	0.000	0.000	0.597	1.289	26.636
1538M	24.750	1.227	0.000	0.000	0.000	0.000	1.227	25.977



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Grade	Scrap	Alloy	Cr	Ni	Mo	V	Mn	Total
1552M1	24.750	1.534	0.000	0.000	0.000	0.000	1.534	26.284
15B23MoV	24.750	3.847	0.324	0.000	1.599	0.543	1.381	28.597
15B29	24.750	1.304	0.000	0.000	0.000	0.000	1.304	26.054
15B37H	24.750	1.279	0.000	0.000	0.000	0.000	1.279	26.029
15B41H	24.750	1.534	0.000	0.000	0.000	0.000	1.534	26.284
15CrMo5	24.750	8.790	2.487	0.000	5.331	0.000	0.972	33.540
15CrMoV6	24.750	25.850	2.974	0.000	19.191	2.713	0.972	50.600
15V10M	24.750	3.973	0.000	0.000	1.599	0.814	1.560	28.723
15V20	24.750	3.178	0.000	0.000	0.000	1.899	1.279	27.928
17-22-AS	24.750	16.641	2.704	0.000	10.662	2.713	0.563	41.391
17-22-AV	24.750	23.357	2.704	0.000	10.662	9.225	0.767	48.107
17CrNiMo6	24.750	20.861	3.569	10.179	6.397	0.000	0.716	45.611
18CrNiMo7-6	24.750	20.861	3.569	10.179	6.397	0.000	0.716	45.611
2.25Cr1Mo	24.750	26.650	4.866	0.000	21.324	0.000	0.460	51.400
20MnCr5	24.750	3.766	2.487	0.000	0.000	0.000	1.279	28.516
20MoCr4M	24.750	11.416	1.027	0.000	9.596	0.000	0.793	36.166
23MnNiMoCr5-4	24.750	20.655	1.081	6.567	11.728	0.000	1.279	45.405
25MoCr4	24.750	11.716	1.784	0.000	9.063	0.000	0.869	36.466
31CrMoV9	24.750	11.862	5.407	0.000	4.265	1.628	0.563	36.612
34CrNiMo6V	24.750	20.138	3.569	10.836	4.798	0.271	0.665	44.888
36CrNiMo4	24.750	14.629	2.271	6.895	4.798	0.000	0.665	39.379
38MnS6BY	24.750	1.808	0.324	0.000	0.000	0.000	1.483	26.558
38MnS6ICI	24.750	1.782	0.324	0.000	0.000	0.000	1.458	26.532
38MnS6MOD	24.750	1.756	0.324	0.000	0.000	0.000	1.432	26.506



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38MnS6VBYMod	24.750	2.108	0.216	0.000	0.000	0.434	1.458	26.858
38MNVMod	24.750	2.466	0.000	0.000	0.000	1.085	1.381	27.216
38MnVS6MOD	24.750	3.628	0.000	0.000	0.000	2.605	1.023	28.378
40CrNiMoA	24.750	17.103	1.730	10.179	4.478	0.000	0.716	41.853
4118H	24.750	4.352	1.081	0.000	2.452	0.000	0.818	29.102
4121M	24.750	8.378	1.568	0.000	5.864	0.000	0.946	33.128
4121M1	24.750	9.877	2.001	0.000	6.930	0.000	0.946	34.627
4121M2	24.750	9.877	2.001	0.000	6.930	0.000	0.946	34.627
4121M2.5	24.750	8.096	1.947	0.000	5.331	0.000	0.818	32.846
4128VMTi	24.750	13.001	3.893	0.000	7.463	1.031	0.614	37.751
4130H	24.750	6.885	2.109	0.000	4.265	0.000	0.511	31.635
4130HW	24.750	9.084	2.271	1.149	4.798	0.304	0.563	33.834
4130M7Ca4	24.750	18.613	2.920	0.000	14.926	0.000	0.767	43.363
4130MNi4V	24.750	11.203	2.487	2.955	4.798	0.195	0.767	35.953
4130MODSS	24.750	18.498	2.163	0.000	15.460	0.467	0.409	43.248
4130MVCbTi	24.750	10.839	2.325	0.000	6.930	0.868	0.716	35.589
4130Ni	24.750	8.298	2.217	0.985	4.585	0.000	0.511	33.048
4130NiNb	24.750	9.108	2.271	1.313	4.798	0.163	0.563	33.858
4130NiV	24.750	9.140	2.271	1.313	4.798	0.195	0.563	33.890
4130NiVCa4	24.750	8.734	2.379	1.313	4.265	0.163	0.614	33.484
4130V	24.750	7.616	2.325	0.000	4.265	0.412	0.614	32.366
4130V2	24.750	9.103	2.325	0.000	4.265	1.899	0.614	33.853
4135H	24.750	7.192	2.109	0.000	4.265	0.000	0.818	31.942
4137MCbCa4	24.750	9.721	2.271	0.000	6.504	0.000	0.946	34.471



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4137MVCa4	24.750	10.581	2.271	0.000	6.930	0.434	0.946	35.331
4140Ca1	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4140Ca2	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4140Ca4	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4140H	24.750	7.268	2.109	0.000	4.265	0.000	0.895	32.018
4140HW	24.750	9.461	2.271	1.149	4.798	0.271	0.972	34.211
4140MV	24.750	11.868	2.163	0.000	7.996	0.814	0.895	36.618
4140Nb	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4140Se	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4140V	24.750	7.649	2.055	0.000	4.265	0.434	0.895	32.399
4140VNb	24.750	8.635	2.055	1.149	4.265	0.271	0.895	33.385
4140Vnb	24.750	8.635	2.055	1.149	4.265	0.271	0.895	33.385
4142H	24.750	7.268	2.109	0.000	4.265	0.000	0.895	32.018
4143V	24.750	8.130	2.163	0.000	4.798	0.326	0.844	32.880
4145H	24.750	7.268	2.109	0.000	4.265	0.000	0.895	32.018
4145HS	24.750	9.994	2.217	0.000	6.397	0.434	0.946	34.744
4145M	24.750	8.494	2.217	0.000	5.331	0.000	0.946	33.244
4145M3CbTiCa4	24.750	10.170	2.217	0.000	6.930	0.000	1.023	34.920
4145M3VCb	24.750	10.126	2.325	0.000	6.397	0.304	1.100	34.876
4145M4	24.750	11.814	2.109	0.000	8.529	0.000	1.176	36.564
4145M4CA4	24.750	11.814	2.109	0.000	8.529	0.000	1.176	36.564
4145MCa2	24.750	8.494	2.217	0.000	5.331	0.000	0.946	33.244
4145MCa4	24.750	9.483	2.217	0.000	6.397	0.000	0.869	34.233
4150Ca1	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4150H	24.750	7.268	2.109	0.000	4.265	0.000	0.895	32.018



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4150HTe	24.750	7.268	2.109	0.000	4.265	0.000	0.895	32.018
4150MR	24.750	6.904	1.514	0.000	4.265	0.000	1.125	31.654
4150R	24.750	7.214	2.055	0.000	4.265	0.000	0.895	31.964
4161H	24.750	9.022	1.730	0.000	6.397	0.000	0.895	33.772
41B17M	24.750	5.485	1.136	0.000	3.199	0.000	1.151	30.235
41B27	24.750	6.912	2.055	0.000	4.371	0.000	0.486	31.662
41B28M4NBCA4	24.750	12.574	2.163	0.000	9.596	0.304	0.511	37.324
41B30M1	24.750	5.830	1.136	0.000	3.518	0.000	1.176	30.580
41B45M	24.750	5.563	1.081	0.000	3.305	0.000	1.176	30.313
42CrMo4	24.750	7.836	2.271	0.000	4.798	0.000	0.767	32.586
42CrMo4+Ni+V	24.750	12.135	2.379	2.627	5.331	1.031	0.767	36.885
4320H	24.750	18.631	1.081	11.657	5.331	0.000	0.563	43.381
4320M9	24.750	34.952	1.081	11.985	21.324	0.000	0.563	59.702
4320Mcr	24.750	19.485	1.730	11.657	5.331	0.000	0.767	44.235
4330NiMo5VCa4	24.750	29.858	2.055	15.433	10.662	0.814	0.895	54.608
4330VCb	24.750	26.401	2.001	12.642	10.129	0.684	0.946	51.151
4332CR12	24.750	18.924	2.595	9.851	5.864	0.000	0.614	43.674
4332MVCa2	24.750	31.245	2.379	17.731	9.063	1.357	0.716	55.995
4340Ca2	24.750	19.813	1.730	11.985	5.331	0.000	0.767	44.563
4340Ca4	24.750	19.813	1.730	11.985	5.331	0.000	0.767	44.563
4340CAR	24.750	19.813	1.730	11.985	5.331	0.000	0.767	44.563
4340H	24.750	19.485	1.730	11.657	5.331	0.000	0.767	44.235
4340V	24.750	20.302	1.730	11.985	5.331	0.488	0.767	45.052
4350M1	24.750	17.709	1.730	8.866	6.397	0.000	0.716	42.459
43B17	24.750	18.985	1.081	11.985	5.331	0.000	0.588	43.735



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44MnSiVS6	24.750	3.706	0.541	0.000	0.000	1.682	1.483	28.456
4715Ca2	24.750	18.785	1.190	5.582	11.195	0.000	0.818	43.535
4715Ca4	24.750	18.850	1.190	5.648	11.195	0.000	0.818	43.600
4715VCa2	24.750	19.219	1.190	5.582	11.195	0.434	0.818	43.969
4815Ca4	24.750	28.827	0.000	22.985	5.331	0.000	0.511	53.577
4815MCA2	24.750	31.317	0.000	22.985	7.463	0.000	0.869	56.067
4815MCA2	24.750	31.317	0.000	22.985	7.463	0.000	0.869	56.067
4817H	24.750	28.827	0.000	22.985	5.331	0.000	0.511	53.577
4820H	24.750	28.929	0.000	22.985	5.331	0.000	0.614	53.679
5016NiV	24.750	4.097	0.433	1.839	0.000	0.803	1.023	28.847
5046H	24.750	1.501	0.606	0.000	0.000	0.000	0.895	26.251
5046M	24.750	2.246	0.595	0.000	0.000	0.705	0.946	26.996
5059Ni	24.750	3.632	0.541	1.313	0.960	0.000	0.818	28.382
50B25	24.750	1.774	0.649	0.000	0.000	0.000	1.125	26.524
50B32M	24.750	3.476	0.811	0.000	1.386	0.000	1.279	28.226
5120H	24.750	2.549	1.730	0.000	0.000	0.000	0.818	27.299
5120M	24.750	3.396	2.271	0.000	0.000	0.000	1.125	28.146
5130H	24.750	2.927	2.109	0.000	0.000	0.000	0.818	27.677
5132RM	24.750	4.159	2.271	0.000	0.000	0.814	1.074	28.909
5160H	24.750	2.625	1.730	0.000	0.000	0.000	0.895	27.375
5160Te	24.750	2.969	1.947	0.000	0.000	0.000	1.023	27.719
8617H	24.750	9.751	1.081	3.612	4.265	0.000	0.793	34.501
8620Ca1	24.750	9.776	1.081	3.612	4.265	0.000	0.818	34.526
8620H	24.750	9.751	1.081	3.612	4.265	0.000	0.793	34.501
8620M7	24.750	9.751	1.081	3.612	4.265	0.000	0.793	34.501



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8620Te	24.750	10.840	1.233	3.940	4.798	0.000	0.869	35.590
8622H	24.750	9.751	1.081	3.612	4.265	0.000	0.793	34.501
8627H	24.750	9.751	1.081	3.612	4.265	0.000	0.793	34.501
8630H	24.750	9.751	1.081	3.612	4.265	0.000	0.793	34.501
8630MCA2	24.750	14.937	1.730	4.925	7.463	0.000	0.818	39.687
8630MCA4	24.750	14.937	1.730	4.925	7.463	0.000	0.818	39.687
8630MVCA2	24.750	17.891	2.055	5.582	9.063	0.271	0.921	42.641
8630MVCAR	24.750	17.891	2.055	5.582	9.063	0.271	0.921	42.641
8640H	24.750	9.853	1.081	3.612	4.265	0.000	0.895	34.603
86B20H	24.750	10.284	1.081	3.612	4.798	0.000	0.793	35.034
8719M	24.750	11.017	1.081	4.269	4.798	0.000	0.869	35.767
8720Ca4	24.750	10.842	1.081	3.612	5.331	0.000	0.818	35.592
8720M2	24.750	10.100	1.190	3.776	4.265	0.000	0.869	34.850
8740H	24.750	10.919	1.081	3.612	5.331	0.000	0.895	35.669
8822H	24.750	13.052	1.081	3.612	7.463	0.000	0.895	37.802
8829M7CbTiCa4	24.750	26.030	1.730	5.254	18.125	0.000	0.921	50.780
9310H	24.750	27.007	2.650	21.343	2.452	0.000	0.563	51.757
9313MCA4	24.750	27.754	3.136	21.343	2.559	0.000	0.716	52.504
9323M	24.750	34.976	2.704	24.626	6.930	0.000	0.716	59.726
9325M1	24.750	34.291	2.163	22.985	8.529	0.000	0.614	59.041
9Cr1Mo	24.750	41.250	19.466	0.000	21.324	0.000	0.460	66.000
A485-1	24.750	3.371	2.271	0.000	0.000	0.000	1.100	28.121
A485-2	24.750	5.046	3.461	0.000	0.000	0.000	1.585	29.796
A485-3	24.750	8.935	2.812	0.000	5.331	0.000	0.793	33.685
A485-B6	24.750	10.473	3.893	0.000	5.864	0.000	0.716	35.223



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A485-B7	24.750	14.205	3.893	0.000	9.596	0.000	0.716	38.955
AF9628	24.750	34.634	5.732	6.895	20.257	1.085	0.665	59.384
C38+N2	24.750	1.782	0.324	0.000	0.000	0.000	1.458	26.532
C38Mod	24.750	2.816	0.324	0.000	0.000	1.085	1.406	27.566
CrMo	24.750	14.887	2.704	0.000	11.621	0.000	0.563	39.637
CrMoV4	24.750	20.061	2.379	0.000	14.074	2.713	0.895	44.811
CrMoV6	24.750	13.155	2.109	0.000	7.463	2.713	0.869	37.905
CTC4162-130	24.750	8.562	2.217	1.313	4.265	0.000	0.767	33.312
CTC4162-140	24.750	8.562	2.217	1.313	4.265	0.000	0.767	33.312
D6A	24.750	29.222	2.271	3.612	21.324	1.248	0.767	53.972
EN27	24.750	27.141	2.758	18.388	5.331	0.000	0.665	51.891
EN30B	24.750	36.537	2.704	26.925	6.397	0.000	0.511	61.287
EN30BMod	24.750	40.451	2.974	27.089	9.063	0.814	0.511	65.201
En355	24.750	21.314	3.352	13.134	4.265	0.000	0.563	46.064
EN40B	24.750	18.228	7.029	0.000	10.662	0.000	0.537	42.978
EX25	24.750	7.415	1.190	0.000	5.331	0.000	0.895	32.165
EX4	24.750	3.684	1.190	0.000	1.599	0.000	0.895	28.434
HF1	24.750	1.790	0.000	0.000	0.000	0.000	1.790	26.540
HS220-18	24.750	22.544	0.649	11.985	8.529	0.000	1.381	47.294
HS220-18S	24.750	22.544	0.649	11.985	8.529	0.000	1.381	47.294
HS220-27	24.750	24.649	1.893	11.985	9.063	0.814	0.895	49.399
HS220-27Ca2	24.750	24.649	1.893	11.985	9.063	0.814	0.895	49.399
HS220-27CA4	24.750	24.649	1.893	11.985	9.063	0.814	0.895	49.399
HS220-27Ca4	24.750	24.649	1.893	11.985	9.063	0.814	0.895	49.399
HS220-27CAR	24.750	24.649	1.893	11.985	9.063	0.814	0.895	49.399



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HY-80	24.750	32.138	3.407	18.880	9.596	0.000	0.256	56.888
IMPACT7	24.750	18.613	2.920	0.000	14.926	0.000	0.767	43.363
MicroTec2W65	24.750	2.198	0.000	0.000	0.000	0.868	1.330	26.948
MicroTec2W70	24.750	2.511	0.000	0.000	0.000	0.977	1.534	27.261
MicroTec2W75	24.750	3.162	0.000	0.000	0.000	1.628	1.534	27.912
MicroTec3M80C	24.750	2.625	0.324	0.000	0.000	0.868	1.432	27.375
MicroTec3M80H	24.750	2.894	0.000	0.000	0.000	1.411	1.483	27.644
MicroTec3M80T	24.750	2.894	0.000	0.000	0.000	1.411	1.483	27.644
MicroTec3M85	24.750	2.734	0.000	0.000	0.000	1.302	1.432	27.484
MicroTec3W75	24.750	3.130	0.000	0.000	0.000	1.954	1.176	27.880
MicroTec4M95	24.750	2.842	0.324	0.000	0.000	1.085	1.432	27.592
MicroTec4M95A	24.750	2.842	0.324	0.000	0.000	1.085	1.432	27.592
MicroTec5H85	24.750	1.878	0.000	0.000	0.000	1.085	0.793	26.628
Nit3	24.750	11.538	3.461	0.000	7.463	0.000	0.614	36.288
PS16	24.750	5.674	1.081	0.000	3.518	0.000	1.074	30.424
PS16M	24.750	5.862	1.244	0.000	3.518	0.000	1.100	30.612
PS55	24.750	29.503	1.190	11.985	15.460	0.000	0.869	54.253
PS55Ca2	24.750	29.503	1.190	11.985	15.460	0.000	0.869	54.253
PS55M	24.750	29.796	1.244	11.985	15.673	0.000	0.895	54.546
PS55M2	24.750	29.503	1.190	11.985	15.460	0.000	0.869	54.253
S30CDY7A	24.750	0.921	0.000	0.000	0.000	0.000	0.921	25.671
S38CX	24.750	4.362	0.000	0.000	3.518	0.000	0.844	29.112
S38MS1V	24.750	3.196	0.324	0.000	0.000	1.465	1.406	27.946
S38MS1VA	24.750	3.526	0.368	0.000	0.000	1.736	1.422	28.276
S38MS1V-L	24.750	3.196	0.324	0.000	0.000	1.465	1.406	27.946



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S38MS1V-T	24.750	2.845	0.324	0.000	0.000	1.140	1.381	27.595
S40C-M	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
S40VCSS1	24.750	2.247	0.292	0.000	0.000	1.085	0.869	26.997
S45CVMn	24.750	2.960	0.324	0.000	0.000	1.357	1.279	27.710
S53CG	24.750	0.767	0.000	0.000	0.000	0.000	0.767	25.517
SCM420H	24.750	8.343	2.271	0.000	5.331	0.000	0.742	33.093
SCR15	24.750	3.013	2.271	0.000	0.000	0.000	0.742	27.763
SCR440H	24.750	3.013	2.271	0.000	0.000	0.000	0.742	27.763
SPG21CF	24.750	12.357	1.081	0.000	10.662	0.000	0.614	37.107
SV40CL1	24.750	2.154	0.324	0.000	0.000	1.140	0.690	26.904
SVh40C	24.750	1.418	0.000	0.000	0.000	0.651	0.767	26.168
SW85	24.750	2.734	0.000	0.000	0.000	1.302	1.432	27.484
TIM6V	24.750	2.728	0.000	0.000	0.000	1.194	1.534	27.478
VacTec400	24.750	11.620	1.784	2.134	6.397	0.000	1.304	36.370
WHS100	24.750	11.326	1.676	3.612	4.265	0.597	1.176	36.076
WHS130	24.750	19.434	1.730	11.657	5.331	0.000	0.716	44.184
WHS130Ca4	24.750	19.434	1.730	11.657	5.331	0.000	0.716	44.184
ZF7B	24.750	3.925	2.595	0.000	0.000	0.000	1.330	28.675