



UNGROUND SAW TIPS EUROPEAN STYLE

CWB SERIES C2/C3 GRADE

CWB7085 .281 X .078 X .085
CWB7105 .281 X .078 X .105
CWB7120 .281 X .078 X .120
CWB7135 .281 X .078 X .135
CWB7150 .281 X .078 X .150
CWB7165 .281 X .078 X .165
CWB7185 .281 X .078 X .185
CWB7200 .281 X .078 X .200
CWB7215 .281 X .078 X .215
CWB7220 .281 X .078 X .220
CWB7230 .281 X .078 X .230

Toney Treated Pretinned

0.10 0.19
0.11 0.19
0.11 0.20
0.12 0.21
0.12 0.21
0.13 0.22
0.14 0.23
0.14 0.24
0.15 0.25
0.15 0.25
0.15 0.27

CWD SERIES C2/C3 GRADE

CWD7100 .312 X .093 X .100
CWD7120 .312 X .093 X .120
CWD7125 .312 X .093 X .125
CWD7135 .312 X .093 X .135
CWD7140 .312 X .093 X .140
CWD7150 .312 X .093 X .150
CWD7165 .312 X .093 X .165
CWD7185 .312 X .093 X .185
CWD7200 .312 X .093 X .200
CWD7215 .312 X .093 X .215
CWD7230 .312 X .093 X .230
CWD7250 .312 X .093 X .250
CWD7281 .312 X .093 X .281
CWD7312 .312 X .093 X .312

Toney Treated Pretinned

0.11 0.20
0.12 0.21
0.13 0.21
0.13 0.21
0.13 0.22
0.13 0.22
0.14 0.24
0.15 0.24
0.16 0.25
0.16 0.26
0.17 0.27
0.18 0.28
0.19 0.30
0.21 0.31

CWD SERIES C4 GRADE

CWD7125-4 .312 X .093 X .125
CWD7135-4 .312 X .093 X .135
CWD7140-4 .312 X .093 X .140
CWD7150-4 .312 X .093 X .150
CWD7165-4 .312 X .093 X .165
CWD7200-4 .312 X .093 X .200
CWD7215-4 .312 X .093 X .215
CWD7230-4 .312 X .093 X .230
CWD7250-4 .312 X .093 X .250

Toney Treated Pretinned

0.14 0.22
0.15 0.24
0.16 0.24
0.16 0.24
0.16 0.25
0.17 0.26
0.17 0.27
0.18 0.28
0.20 0.29

CWD SERIES R/L HAND C2/C3 GRADE

CWDR/L7150 .312 X .093 X .150
CWDR/L7165 .312 X .093 X .165
CWDR/L7185 .312 X .093 X .185
CWDR/L7200 .312 X .093 X .200
CWDR/L7215 .312 X .093 X .215
CWDR/L7220 .312 X .093 X .220
CWDR/L7250 .312 X .093 X .250

Toney Treated Pretinned

0.12 0.20
0.13 0.22
0.15 0.23
0.16 0.25
0.17 0.26
0.18 0.27
0.20 0.29



UNGROUND SAW TIPS EUROPEAN STYLE

CWE SERIES C2/C3 GRADE

CWE7135 .375 X .093 X .135
CWE7140 .375 X .093 X .140
CWE7150 .375 X .093 X .150
CWE7165 .375 X .093 X .165
CWE7180 .375 X .093 X .180
CWE7185 .375 X .093 X .185
CWE7200 .375 X .093 X .200
CWE7215 .375 X .093 X .215
CWE7230 .375 X .093 X .230
CWE7250 .375 X .093 X .250
CWE7280 .375 X .093 X .280

Toney Treated	Pretinned
0.12	0.20
0.12	0.20
0.13	0.22
0.15	0.24
0.16	0.25
0.16	0.26
0.18	0.28
0.19	0.28
0.21	0.29
0.22	0.31
0.23	0.34

CWE SERIES R/H HAND C2/C3 GRADE

CWER/L7215 .375 X .093 X .215
CWER/L7230 .375 X .093 X .230
CWER/L7250 .375 X .093 X .250

Toney Treated	Pretinned
0.23	0.29
0.24	0.30
0.25	0.32

CWF SERIES C1/C2 GRADE

CWF7130 .500 X .125 X .130
CWF7140 .500 X .125 X .140
CWF7150 .500 X .125 X .150
CWF7160 .500 X .125 X .160
CWF7165 .500 X .125 X .165
CWF7170 .500 X .125 X .170
CWF7180 .500 X .125 X .180
CWF7185 .500 X .125 X .185
CWF7190 .500 X .125 X .190
CWF7200 .500 X .125 X .200
CWF7210 .500 X .125 X .210
CWF7215 .500 X .125 X .215
CWF7220 .500 X .125 X .220
CWF7230 .500 X .125 X .230
CWF7240 .500 X .125 X .240
CWF7250 .500 X .125 X .250
CWF7260 .500 X .125 X .260
CWF7270 .500 X .125 X .270
CWF7275 .500 X .125 X .275
CWF7280 .500 X .125 X .275
CWF7290 .500 X .125 X .290
CWF7312 .500 X .125 X .312
CWF7350 .500 X .125 X .350
CWF7375 .500 X .125 X .375
CWF7400 .500 X .125 X .400

Toney Treated	Pretinned
0.18	0.27
0.20	0.29
0.21	0.30
0.21	0.30
0.22	0.31
0.22	0.31
0.23	0.33
0.24	0.34
0.25	0.35
0.26	0.36
0.27	0.36
0.28	0.38
0.29	0.38
0.30	0.41
0.31	0.41
0.33	0.43
0.35	0.45
0.37	0.48
0.40	0.50
0.41	0.52
0.42	0.53
0.45	0.56
0.48	0.59
0.51	0.62
0.56	0.67



UNGROUND SAW TIPS EUROPEAN STYLE

CWF SERIES NC15

CWF7150-15 .500 X .125 X .150
CWF7160-15 .500 X .125 X .160
CWF7165-15 .500 X .125 X .165
CWF7170-15 .500 X .125 X .170
CWF7180-15 .500 X .125 X .180
CWF7190-15 .500 X .125 X .190
CWF7200-15 .500 X .125 X .200
CWF7215-15 .500 X .125 X .215
CWF7230-15 .500 X .125 X .230
CWF7250-15 .500 X .125 X .250

Toney Treated	Pretinned
0.26	0.36
0.27	0.37
0.28	0.38
0.29	0.38
0.30	0.40
0.32	0.42
0.34	0.44
0.36	0.47
0.39	0.50
0.42	0.53

CWF SERIES R/L C1/C2 GRADE

CWFR/L7230 .500 X .125 X .230
CWFR/L7250 .500 X .125 X .250
CWFR/L7280 .500 X .125 X .280
CWFR/L7290 .500 X .125 X .290

Toney Treated	Pretinned
0.35	0.45
0.38	0.48
0.40	0.51
0.43	0.54

CWG SERIES C2/C3 GRADE

CWG7135 .375 X .125 X .135
CWG7140 .375 X .125 X .140
CWG7150 .375 X .125 X .150
CWG7160 .375 X .125 X .160
CWG7165 .375 X .125 X .165
CWG7170 .375 X .125 X .170
CWG7180 .375 X .125 X .180
CWG7185 .375 X .125 X .185
CWG7190 .375 X .125 X .190
CWG7200 .375 X .125 X .200
CWG7215 .375 X .125 X .215
CWG7220 .375 X .125 X .220
CWG7230 .375 X .125 X .230
CWG7240 .375 X .125 X .240
CWG7250 .375 X .125 X .250
CWG7260 .375 X .125 X .260
CWG7270 .375 X .125 X .270
CWG7275 .375 X .125 X .275
CWG7280 .375 X .125 X .280
CWG7300 .375 X .125 X .300
CWG7312 .375 X .125 X .312
CWG7400 .375 X .125 X .400

Toney Treated	Pretinned
0.15	0.24
0.16	0.25
0.17	0.26
0.18	0.27
0.18	0.27
0.19	0.28
0.19	0.29
0.20	0.29
0.20	0.29
0.21	0.30
0.21	0.30
0.22	0.31
0.22	0.32
0.24	0.33
0.24	0.34
0.26	0.36
0.28	0.37
0.28	0.38
0.29	0.38
0.30	0.40
0.31	0.41
0.54	0.64



UNGROUND SAW TIPS EUROPEAN STYLE

Nail Cutting Grade NC15

CWG7180-15	.375 X .125 X .180
CWG7200-15	.375 X .125 X .200
CWG7215-15	.375 X .125 X .215
CWG7220-15	.375 X .125 X .220
CWG7230-15	.375 X .125 X .230
CWG7250-15	.375 X .125 X .250

Toney Treated	Pretinned
0.25	0.36
0.26	0.37
0.27	0.39
0.28	0.40
0.29	0.42
0.32	0.44

CWG SERIES C4 GRADE

CWG7150-4	.375 X .125 X .150
CWG7165-4	.375 X .125 X .165
CWG7185-4	.375 X .125 X .185
CWG7200-4	.375 X .125 X .200
CWG7215-4	.375 X .125 X .215
CWG7220-4	.375 X .125 X .220
CWG7230-4	.375 X .125 X .230
CWG7240-4	.375 X .125 X .240
CWG7250-4	.375 X .125 X .250
CWG7270-4	.375 X .125 X .270
CWG7320-4	.375 X .125 X .320
CWG7365-4	.375 X .125 X .365
CWG7400-4	.375 X .125 X .400

Toney Treated	Pretinned
0.18	0.27
0.20	0.29
0.22	0.32
0.23	0.33
0.26	0.35
0.27	0.36
0.28	0.38
0.30	0.40
0.31	0.41
0.34	0.44
0.37	0.47
0.41	0.55
0.49	0.62

CWG SERIES R/H HAND C2/C3 GRADE

CWGR/L7230	.375 X .125 X .230
CWGR/L7250	.375 X .125 X .250
CWGR/L7265	.375 X .125 X .265

Toney Treated	Pretinned
0.26	0.37
0.27	0.39
0.30	0.42

CWH SERIES C2/C3 GRADE

CWH7125	.344 X .125 X .125
CWH7150	.344 X .125 X .150
CWH7165	.344 X .125 X .165
CWH7180	.344 X .125 X .180
CWH7200	.344 X .125 X .200
CWH7215	.344 X .125 X .215
CWH7220	.344 X .125 X .220
CWH7230	.344 X .125 X .230
CWH7240	.344 X .125 X .240
CWH7250	.344 X .125 X .250
CWH7265	.344 X .125 X .265
CWH7270	.344 X .125 X .270
CWH7300	.344 X .125 X .300

Toney Treated	Pretinned
0.13	0.22
0.16	0.24
0.17	0.25
0.18	0.27
0.19	0.28
0.20	0.29
0.20	0.29
0.21	0.30
0.21	0.30
0.23	0.32
0.24	0.34
0.25	0.34
0.29	0.38



UNGROUND SAW TIPS EUROPEAN STYLE

CWH SERIES C4 GRADE

	Toney Treated	Pretinned
CWH7135-4 .344 X .125 X .135	0.16	0.24
CWH7140-4 .344 X .125 X .140	0.17	0.25
CWH7150-4 .344 X .125 X .150	0.18	0.26
CWH7165-4 .344 X .125 X .165	0.18	0.27
CWH7185-4 .344 X .125 X .185	0.20	0.30
CWH7200-4 .344 X .125 X .200	0.21	0.31
CWH7215-4 .344 X .125 X .215	0.22	0.32
CWH7220-4 .344 X .125 X .220	0.23	0.34

UNGROUND STROB STRIPS

	Toney Treated	Pretinned
ST1130 1.00 X .125 X .130	0.44	0.67
ST1140 1.00 X .125 X .140	0.47	0.70
ST1150 1.00 X .125 X .150	0.51	0.73
ST1160 1.00 X .125 X .160	0.54	0.76
ST1170 1.00 X .125 X .170	0.58	0.80
ST1180 1.00 X .125 X .180	0.61	0.83
ST1190 1.00 X .125 X .190	0.64	0.86
ST1200 1.00 X .125 X .200	0.68	0.89
ST1210 1.00 X .125 X .210	0.71	0.93
ST1220 1.00 X .125 X .220	0.75	0.96
ST1230 1.00 X .125 X .230	0.78	1.02
ST1240 1.00 X .125 X .240	0.81	1.05
ST1250 1.00 X .125 X .250	0.85	1.08
ST1280 1.00 X .125 X .280	0.95	1.12
ST2130 1.250 X .125 X .130	0.55	0.80
ST2140 1.250 X .125 X .140	0.59	0.83
ST2150 1.250 X .125 X .150	0.64	0.87
ST2160 1.250 X .125 X .160	0.68	0.91
ST2170 1.250 X .125 X .170	0.72	0.95
ST2180 1.250 X .125 X .180	0.76	1.00
ST2190 1.250 X .125 X .190	0.80	1.03
ST2200 1.250 X .125 X .200	0.85	1.08
ST2210 1.250 X .125 X .210	0.89	1.11
ST2220 1.250 X .125 X .220	0.93	1.15
ST2230 1.250 X .125 X .230	0.98	1.23
ST2240 1.250 X .125 X .240	1.02	1.26
ST2250 1.250 X .125 X .250	1.06	1.30
ST2280 1.250 X .125 X .280	1.19	1.36



UNGROUND SAW TIPS CONVENTIONAL STYLE

WA SERIES C2/C3 GRADE

WA7080 .250 X .062 X .080
WA7100 .250 X .062 X .100
WA7110 .250 X .062 X .110
WA7115 .250 X .062 X .115
WA7120 .250 X .062 X .120
WA7130 .250 X .062 X .130
WA7145 .250 X .062 X .145
WA7160 .250 X .062 X .160
WA7180 .250 X .062 X .180
WA7200 .250 X .062 X .200
WA7215 .250 X .062 X .215

Toney Treated Pretinned

0.09 0.19
0.10 0.20
0.12 0.22
0.12 0.22
0.12 0.22
0.12 0.22
0.13 0.23
0.13 0.23
0.13 0.24
0.13 0.25
0.14 0.25
0.00 0.00

WB SERIES C2/C3 GRADE

WB7085 .281 X .078 X .085
WB7100 .281 X .078 X .100
WB7120 .281 X .078 X .120
WB7130 .281 X .078 X .130
WB7135 .281 X .078 X .135
WB7150 .281 X .078 X .150
WB7165 .281 X .078 X .165
WB7180 .281 X .078 X .180
WB7200 .281 X .078 X .200
WB7220 .281 X .078 X .220
WB7250 .281 X .078 X .230
WB7281 .281 X .078 X .281
WB7312 .281 X .078 X .312

Toney Treated Pretinned

0.11 0.21
0.12 0.22
0.13 0.22
0.13 0.23
0.13 0.23
0.14 0.23
0.15 0.24
0.15 0.24
0.16 0.26
0.16 0.26
0.21 0.32
0.21 0.33
0.23 0.39
0.00 0.00

WC SERIES C2/C3 GRADE

WC7100 .281 X .093 X .100
WC7120 .281 X .093 X .120
WC7135 .281 X .093 X .130
WC7150 .281 X .093 X .150
WC7165 .281 X .093 X .165
WC7185 .281 X .093 X .185
WC7200 .281 X .093 X .200
WC7215 .281 X .093 X .215

Toney Treated Pretinned

0.12 0.22
0.13 0.23
0.14 0.24
0.15 0.24
0.17 0.26
0.18 0.27
0.19 0.29
0.20 0.31



UNGROUND SAW TIPS CONVENTIONAL STYLE

WD SERIES C2/C3 GRADE

WD7100 .312 X .093 X .100
WD7125 .312 X .093 X .125
WD7135 .312 X .093 X .135
WD7150 .312 X .093 X .150
WD7165 .312 X .093 X .165
WD7185 .312 X .093 X .185
WD7200 .312 X .093 X .200
WD7215 .312 X .093 X .215
WD7230 .312 X .093 X .230
WD7250 .312 X .093 X .250
WD7265 .312 X .093 X .265
WD7281 .312 X .093 X .281
WD7312 .312 X .093 X .312

Toney Treated	Pretinned
0.12	0.21
0.14	0.23
0.14	0.24
0.15	0.24
0.15	0.25
0.16	0.26
0.17	0.27
0.17	0.28
0.19	0.29
0.20	0.30
0.22	0.32
0.22	0.32
0.23	0.33
0.00	0.00

WE SERIES C2/C3 GRADE

WE7150 .375 X .093 X .150
WE7165 .375 X .093 X .165
WE7180 .375 X .093 X .180
WE7200 .375 X .093 X .200
WE7225 .375 X .093 X .225
WE7250 .375 X .093 X .250
WE7280 .375 X .093 X .280
WE7312 .375 X .093 X .312
WE7350 .375 X .093 X .350
WE7375 .375 X .093 X .375

Toney Treated	Pretinned
0.15	0.24
0.16	0.26
0.18	0.27
0.20	0.30
0.22	0.33
0.25	0.35
0.27	0.37
0.27	0.38
0.30	0.41
0.32	0.44
0.00	0.00

WF SERIES C2/C3 GRADE

WF7140 .500 X .125 X .140
WF7150 .500 X .125 X .150
WF7165 .500 X .125 X .165
WF7180 .500 X .125 X .180
WF7190 .500 X .125 X .190
WF7200 .500 X .125 X .200
WF7215 .500 X .125 X .215
WF7230 .500 X .125 X .230
WF7250 .500 X .125 X .250
WF7275 .500 X .125 X .275
WF7280 .500 X .125 X .280
WF7312 .500 X .125 X .312
WF7375 .500 X .125 X .375
WF7400 .500 X .125 X .400
WF7437 .500 X .125 X .437
WF7500 .500 X .125 X .500
WF7562 .500 X .125 X .562
WF7625 .500 X .125 X .625
WF7687 .500 X .125 X .687
WF7750 .500 X .125 X .750

Toney Treated	Pretinned
0.22	0.32
0.23	0.32
0.24	0.34
0.27	0.36
0.28	0.38
0.30	0.39
0.32	0.42
0.34	0.45
0.37	0.47
0.41	0.52
0.45	0.57
0.46	0.59
0.56	0.67
0.61	0.72
0.65	0.75
0.88	0.98
0.90	1.01
0.93	1.08
1.02	1.18
1.11	1.28



UNGROUND SAW TIPS CONVENTIONAL STYLE

WG SERIES C2/C3 GRADE

WG7150 .375 X .125 X .150
WG7165 .375 X .125 X .165
WG7180 .375 X .125 X .180
WG7190 .375 X .125 X .190
WG7200 .375 X .125 X .200
WG7215 .375 X .125 X .215
WG7230 .375 X .125 X .230
WG7250 .375 X .125 X .250
WG7275 .375 X .125 X .275
WG7280 .375 X .125 X .280
WG7312 .375 X .125 X .312
WG7350 .375 X .125 X .350
WG7400 .375 X .125 X .400

Toney Treated	Pretinned
0.19	0.28
0.20	0.29
0.21	0.31
0.22	0.32
0.23	0.32
0.24	0.33
0.25	0.35
0.28	0.37
0.29	0.40
0.30	0.43
0.34	0.44
0.49	0.64
0.56	0.70
0.00	0.00

Nail Cutting Grade NC15

WG7165-15 .375 X .125 X .165
WG7180-15 .375 X .125 X .180
WG7200-15 .375 X .125 X .200
WG7220-15 .375 X .125 X .220
WG7230-15 .375 X .125 X .230
WG7250-15 .375 X .125 X .250

Toney Treated	Pretinned
0.25	0.35
0.28	0.40
0.28	0.41
0.31	0.44
0.32	0.46
0.35	0.49
0.00	0.00

WH SERIES C2/C3 GRADE

WH7125 .344 X .125 X .125
WH7150 .344 X .125 X .150
WH7165 .344 X .125 X .165
WH7180 .344 X .125 X .180
WH7200 .344 X .125 X .200
WH7215 .344 X .125 X .215
WH7230 .344 X .125 X .230
WH7240 .344 X .125 X .240
WH7250 .344 X .125 X .250
WH7265 .344 X .125 X .250
WH7300 .344 X .125 X .300

Toney Treated	Pretinned
0.14	0.24
0.17	0.27
0.18	0.28
0.20	0.29
0.21	0.30
0.22	0.32
0.23	0.33
0.24	0.34
0.25	0.35
0.27	0.37
0.32	0.42
0.00	0.00

WQ SERIES C2/C3 GRADE

WQ7170 .375 X .156 X .170
WQ7200 .375 X .156 X .200
WQ7230 .375 X .156 X .230
WQ7265 .375 X .156 X .265
WQ7300 .375 X .156 X .300
WQ7335 .375 X .156 X .335
WQ7375 .375 X .156 X .375
WQ7400 .375 X .156 X .400
WQ7460 .375 X .156 X .460
WQ7530 .375 X .156 X .530
WQ7625 .375 X .156 X .625

Toney Treated	Pretinned
0.29	0.38
0.30	0.40
0.34	0.45
0.37	0.52
0.46	0.59
0.51	0.63
0.56	0.67
0.61	0.72
0.65	0.75
0.88	1.03
0.93	1.08



UNGROUND SAW TIPS CONVENTIONAL STYLE

MISC. STOCK CARBIDE

			Pretinned
Stump Cutter	.180 X .520 X .630	2.22	3.18
Kodiak	.500 Wide	1.99	2.28
Future 2000	.473 Wide	1.99	2.28

NOTCHER INDEXABLE TIPS, Grade C1

ST501-1	Rectangle .562X.500	3.85
ST650-1	Square .650X.650	4.25
ST301-1	Round 1.000X.300Hole X.312	5.15

NOTCHER INDEXABLE TIPS, NAIL CUTTING NC15

ST501-15	Rectangle .562X.500	5.45
ST650-15	Square .650X.650	5.45
ST301-15	Round 1.000X.300Hole X.312	7.05