

ITEM NO. INDEX

ITEM NO.	DESCRIPTION	PAGE NO.
AB	Auger Bit	172
AC-06B	6" AC Ext. Drill-Type B	110-112
AC-06C	6" AC Ext. Drill-Cobalt	110-111
AC-06T	6" AC Ext. Drill-TIN Coated	110-111
AC-12A	12" AC Ext. Drill-Type A	110-111
AC-12B	12" AC Ext. Drill-Type B	110-112
AC-12C	12" AC Ext. Drill-Cobalt	110-112
AC-12CM	12" AC Ext. Drill-Cobalt-Metric-Type B	112
AC-12L	12" AC Ext. Drill-Left Hand	110
AC-12M	12" AC Ext. Drill-Metric-Type B	112
AC-12S	12" AC Ext. Drill-Stub Flute	110-111
AC-12T	12" AC Ext. Drill-TIN Coated	110-111
AC-18B	18" AC Ext. Drill-Type B	110
AC1D	Annular Cutter-1" Depth	126
AC1DT	Annular Cutter-1" Depth-TIN	126
AC1DTC	Annular Cutter-1" Depth-TICN	126
AC1 (or 2) DS-6	Annular Cutter-1" (or 2") Depth-6 Pc. Set	127
AC1 (or 2) DTCS-6	Annular Cutter-1" (or 2") Depth-TICN-6 Pc. Set	127
AC1 (or 2) DTS-6	Annular Cutter-1" (or 2") Depth-TIN-6 Pc. Set	127
AC2D	Annular Cutter-2" Depth	126-127
AC2DT	Annular Cutter-2" Depth-TIN	126-127
AC2DTC	Annular Cutter-2" Depth-TICN	126-127
ACPP1A	Annular Cutter Pilot Pins-1" Depth	126
ACPP2A	Annular Cutter-Pilot Pins-2" Depth	127
ACW-M	Abrasive Cutoff Wheel-Metal	335
ACW-MAS	Abrasive Cutoff Wheel-Masonry	335
AHR	Adjustable Hand Reamer	194
ASB	Auger Spade Bits	167
ASB-BM	Air Saw Blade-Bi Metal	321
AT	A-Taper Mas. Chuck Adaptor	155
BAT	Brit. Assoc. Tap	212
BH	Bellhanger Drill-HSS	108
BHFS	Bellhanger Drill-Flex. Shaft	107
BHRD	British Hexagon Rethreading Dies	232
BRAD	British Round Adjustable Dies	232
BRHF	Bridge Reamer-Helical FL	200
BRHFRS	Bridge Reamer-HF-Reduced Sh	200
BRSF	Bridge Reamer-Str. FL	200
BSB-BM	Band Saw BL.-Bi Metal	331
BSB-FB	Band Saw BL.-Flex Back	331
BSB-HB	Band Saw BL.-Hard Back	331
BSFT	Brit. Std. Fine Tap	212
BSPP	Brit. Std. Pipe Tap-Parallel	223
BSPT	Brit. Std. Pipe Tap-Taper	223
BSWT	Brit. Std. Whitworth Tap	212
BT	B-Taper Mas. Chuck Adaptor	155
CBSPT	Carbon Brit. Std. Pipe Tap	224
CD3FSS	Core Drill 3 FL. Straight Shank	88
CD3FTS	Core Drill 3 FL. Taper Shank	89
CD4FSS	Core Drill 4 FL. Straight Shank	88
CD4FTS	Core Drill 4 FL. Taper Shank	89
CDC	Comb. Drill & Csk-HSS	114-115, 183
CDCC	Comb. Drill & Csk-Cobalt	114
CDCL	Comb. Drill & Csk-Long	115
CDCT	Comb. Drill & Csk-TIN Coated	114, 183
CDT	Comb. Drill & Tap	214
CDTM	Comb. Drill & Tap-Metric	214
CDTP	Comb. Drill & Tap-NPT	214
CETF	Carb. Edged Tile File	343
CHT	Carbon Hand Tap	213
CHTM	Carbon Hand Tap-Metric	213
CHTS	Carbon Hand Tap Sets	213
CHWB	Curved Hole Wiring Bits	167
CIS	Coolant Inducer Socket	92
CK	Chuck Key	132
CK-H	Chuck Key Holder	132
CNPT	Carbon Pipe Tap	224
COB-5C	Cut-off Blade-5% Cobalt	316
COB-HS	Cut-off Blade-HSS	316
COB-TS	Cut-off Blade-T-Shaped	316
COBTHS	Cut-off Blade Tool Holder-Straight	317
CR-FS	Car Reamer-Fast Spiral	199
CR-HFSS	Car Reamer-Helical FL-Taper Shank	198
CR-HX	Car Reamer-Helical FL-Hex Shank	199

ITEM NO.	DESCRIPTION	PAGE NO.
CR-RS	Car Reamer-Helical FL-Round Shank	198
CREM	Corner Rounding End Mill	280
CRHF	Chucking Reamer-Helical FL	188
CRSF	Chucking Reamer-Str. FL	188-189
CRSF12L to 16L	Chucking Reamer-SF-12" to 16" Long	193
CRSFC	Chucking Reamer-SF-Cobalt	190
CRSFDP	Chucking Reamer-SF-Dowel Pin	191
CRSFDS	Chucking Reamer-SF-Decimal Sizes	192
CRSFM	Chucking Reamer-SF-Metric	192
CRSFOS	Chucking Reamer-SF-Over Size	191
CRSFUS	Chucking Reamer-SF-Under Size	191
CS-TB	Clamp Screw-Tool Block	313
CSC3F	Cap Screw Counterbore-3 FL	182
CSC3FM	Cap Screw Counterbore-3 FL-Metric	182
CSC3FMS	Cap Screw Counterbore-3 FL-Taper Sh	182
CSC3FTSM	Cap Screw Counterbore-3 FL-Metric-Taper Sh	182
CSCF	Convex (Shank) Cutters	280
CSM	Concave (Shank) Cutters	280
CSK	Countersinks-0 to 6 FL	184-186
CSKS	Countersink Sets	186
CTBB	Carb. Tip Boring Bar	292
CTBBD	Carb. Tip Bowling Ball Drill	119
CTBBS	Carb. Tip Boring Bar Sets	292
CTBH	Carb. Tip Bellhanger Drill	108
CTCRSF	Carb. Tip Chucking Reamer-SF	190
CTCSB	Carb. Tip Circular Saw Blade	335
CTCSD	Carbide Tipped Carpet Stubby Drills	144
CTDD	Carb. Tip Die Drill	120
CTF-F	Curved Tooth File-Flat	353
CTF-FF	Curved Tooth File-Flat Flexible	353
CTFH	Curved Tooth File-Handle	353
CTFO	Curved Tooth File-Oxide	353
CTGD	Carb. Tip Glass Drill	144
CTHSD	Carb. Tip Hard Steel Drill	121, 137
CTHSPD-3	Carb. Tip Hole Saw Pilot Drill	339
CTIWAB	Carb. Tip Impact Wrench Auger Bits	176
CTJD	Carb. Tip Jobber Drill	52-53
CTJDM	Carb. Tip Job. Drill-Metric	53
CTPC	Carb. Tip Plate Cutter	137
CTPCA	Carb. Tip Plate Cutter-Adaptor	137
CTRBB-09 to 18L	Carb. Tip R.R. Tie Boring Bits	123, 177
CTRC	Carb. Tip Rebar Cutter	138
CTTB	Carb. Tip Tool Bit	314
CTTLD	Carb. Tip Taper Lgth. Drill	85
CTTLDM	Carb. Tip Taper Lgth. Drill-Metric	85
CTTSD	Carb. Tip Taper Shank Drill	100
CTUD	Carb. Tip Univ. Drill	136
CTXD12L	12" Carb. Tip Ext. Drill	109
CTYPD	Carbide Tipped Yankee Push Drills	144
D	Dispensers (only) Various	244
DAB	Dual Auger Bit	172
DAD	Dial-A-Drill	67
DASC 60-90	Double Angle (Shank) Cutters-60°-90°	284
DC	Drill Chucks	133
DCA-MT	Drill Chuck Arbor-Morse Taper	131
DCA-MT2T	Drill Chuck Arbor-Morse Taper to Threaded Shank	131
DCA-R8	Drill Chuck Arbor-R8 Shank	131
DCA-SS	Drill Chuck Arbor-Straight Shank	131
DCB1F	Drywall Cutout Bit-1 Flute	124
DCB1FDE	Drywall Cutout Bit-1 Flute-Double End	124
DCB1FT	Drywall Cutout Bit-1 Flute-TIN	124
DCB2F	Drywall Cutout Bit-2 Flute	124
DCD	Drill Counter Display (Display only)	68
DCNFS-SP	Diamond Coated Needle File Set-Swiss Pattern	358
DD#	Drill Drifts	95
DD-	Drill Dispenser	68
DED	Double End Drill	16
DEDGF	Double End Drill-Gold Finish	16
DEDP	Double End Drill-Polished	16
DEDT	Double End Drill-TIN	16
DEM-2B	Double End Mill-2FL-Ball	255
DEM-2BT	Double End Mill-2FL-Ball-TIN	255
DEM-2R	Double End Mill-2 FL	255
DEM-2T	Double End Mill-2 FL-TIN	255
DEM-4C	Double End Mill-4 FL-Ctr. Cut	262

ITEM NO. INDEX

ITEM NO.	DESCRIPTION	PAGE NO.
DEM-4CT	Double End Mill-4 FL-Ctr. Cut-TiN	262
DEM-4R	Double End Mill-4 FL	260
DEM-4T	Double End Mill-4 FL-TiN	260
DEM-2R	Double End Mill-2 FL-Cobalt	266
DEM-2T	Double End Mill-2 FL-Cobalt-TiN	266
DEM-4R	Double End Mill-4 FL-Cobalt	267
DEM-4T	Double End Mill-4 FL-Cobalt-TiN	267
DEMM-2R	Double End Mill-2 FL-Metric	257
DEMM-2T	Double End Mill-2 FL-Metric-TiN	257
DEMM-4R	Double End Mill-4 FL-Metric	263
DEMM-4T	Double End Mill-4 FL-Metric-TiN	263
DI	Drill Index	15, 18, 60-66, 71, 74, 81, 169
DIP	Drill Index-Plastic	67
DM	Drill Merchandiser	73, 77, 112
DS	Drill Set	14-15, 18, 60-67, 71, 74, 81, 115, 119, 169-171
DS-	Die Set	236, 240
DSAG	Die Stock-Adj. Guide	248
DSB	Diamond Saw Blade	332-334
DSC45-60	Dovetail (Shank) Cutters-45°-60°	285
DSCC45-60	Dovetail (Shank) Cutters-Cobalt-45°-60°	285
DSE	Die Stock Economy	248
DSH	Die Stock Handle	248
DSM	Drill Set Merchandiser	106
DSP	Drill Set-Plastic Case	67
DSR	Die Sinkers Riffers	362
DSW	Drill Set-Wood Block	70, 74, 76-77, 106
EHC	Electric Hammer Chisels	160-161
EM-2A	End Mill-2 FL-Alum	262
EM-2AL	End Mill-2 FL-Alum-Long	262
EM-2ALZ	End Mill-2 FL-Alum-Long-ZrN	262
EM-2AZ	End Mill-2 FL-Alum-ZrN	262
EM-2B	End Mill-2 FL-Ball	256
EM-2BT	End Mill-2 FL-Ball-TiN	256
EM-2BX	End Mill-2 FL-Ball-Ext. Lgth	256
EM-2BXT	End Mill-2 FL-Ball-Ext. Lgth-TiN	256
EM-2L	End Mill-2 FL-Long	254
EM-2LT	End Mill-2 FL-Long-TiN	254
EM-2R	End Mill-2 FL	254
EM-2T	End Mill-2 FL-TiN	254
EM-2X	End Mill-2 FL-Ext. Length	256
EM-2XT	End Mill-2 FL-Ext. Lgth-TiN	256
EM-4B	End Mill-4 FL-Ball	260
EM-4BL	End Mill-4 FL-Ball-Long	260
EM-4BLT	End Mill-4 FL-Ball-Long-TiN	260
EM-4BT	End Mill-4 FL-Ball-TiN	260
EM-4C	End Mill-4 FL-Ctr. Cut	261
EM-4CL	End Mill-4 FL-Ctr. Cut-Long	261
EM-4CLT	End Mill-4 FL-Ctr. Cut-Long-TiN	261
EM-4CT	End Mill-4 FL-Ctr. Cut-TiN	261
EM-4CX	End Mill-4 FL-Ctr. Cut-X-Long	261
EM-4CXT	End Mill-4 FL-Ctr. Cut-X-Long-TiN	261
EM-4L	End Mill-4 FL-Long	259
EM-4LT	End Mill-4 FL-Long-TiN	259
EM-4R	End Mill-4 FL	258
EM-4T	End Mill-4 FL-TiN	258
EM-4XL	End Mill-4 FL-X-Long	259
EM-4XLT	End Mill-4 FL-X-Long-TiN	259
EM-6L	End Mill-6 FL-Long	259
EM-6LT	End Mill-6 FL-Long-TiN	259
EM-6R	End Mill-6 FL	258
EM-6T	End Mill-6 FL-TiN	258
EM-6XL	End Mill-6 FL-X-Long	259
EM-6XLT	End Mill-6 FL-X-Long-TiN	259
EM-8L	End Mill-8 FL-Long	259
EM-8LT	End Mill-8 FL-Long-TiN	259
EM-8R	End Mill-8 FL	258
EM-8T	End Mill-8 FL-TiN	258
EMC-2B	End Mill-2 FL-Cobalt-Ball	266
EMC-2BT	End Mill-2 FL-Cobalt-Ball-TiN	266
EMC-2R	End Mill-2 FL-Cobalt	266
EMC-2T	End Mill-2 FL-Cobalt-TiN	266
EMC-4B	End Mill-4 FL-Cobalt-Ball	267
EMC-4BT	End Mill-4 FL-Cobalt-Ball-TiN	267
EMC-4L	End Mill-4 FL-Cobalt-Long	267

ITEM NO.	DESCRIPTION	PAGE NO.
EMC-4LT	End Mill-4 FL-Cobalt-Long-TiN	267
EMC-4R	End Mill-4 FL-Cobalt	267
EMC-4T	End Mill-4 FL-Cobalt-TiN	267
EMC-6L	End Mill-6 FL-Cobalt-Long	267
EMC-6LT	End Mill-6 FL-Cobalt-Long-TiN	267
EMC-6R	End Mill-6 FL-Cobalt	267
EMC-6T	End Mill-6 FL-Cobalt-TiN	267
EMH	End Mill Holders	288
EMM-2R	End Mill-2 FL-Metric	257
EMM-2T	End Mill-2 FL-Metric-TiN	257
EMM-4R	End Mill-4 FL-Metric	263
EMM-4T	End Mill-4 FL-Metric-TiN	263
EPAB	Elect. Power Auger Bit	173
EXT-1	Extractor	313
F-AF	File-Aluminum Flat	347
F-AHR	File-Aluminum Half Round	347
F-C	File-Cheesegrater	347
F-CS	File-Chain Saw	355
F-DES	File-Double End	355
F-FO	File-Farmers Own	355
F-FT	File-Flat Taper	348
F-H	File-Hand	348
F-HR	File-Half Round	349
F-HRP	File-Half Round Pipe Line	352
F-K	File-Knife	351
F-L	File-Laminate	352
F-LAL	File-Long Angle Lathe	352
F-M	File-Mill	354
F-R	File-Round	349
F-SQ	File-Square	350
F-TSDES	File-Taper Saw-Double Extra Slim	354
F-TSES	File-Taper Saw X-Slim	354
F-TSQ	File-Three Square	350
F-TSR	File-Taper Saw Reg.	354
F-TSS	File-Taper Saw Slim	354
F-W	File-Warding	351
FB	Forstner Bit	168
FCC	File Card Cleaner	359
FDH	Floating Die Holder	248
FH	File With Handle	347-352, 354-355
FHCS	File Handle-Chainsaw	359
FHCT	File Holder-Curved Tooth	359
FHP	File Handle-Plastic	359
FHSC	Fillister Head Screw Counterbore	180
FO	File-Oxide	348-352, 354-355
FR-F	File Rasp-Farrier	357
FR-FIH	File Rasp-Four-In-Hand	357
FR-H	File Rasp-Horse	357
FR-HR	File Rasp-Half Round	356
FR-HRC	File Rasp-Half Round Cabinet	356
FR-HRW	File Rasp-Half Round Wood	356
FR-R	File Rasp-Round	356
FRH	File-Rasp with Handle	356-357
FS	File Set	358
GDB	Ground Drill Blanks	58-59
GIH	Grooving Blades	313
GIM	Gimlet	172
GTBN	Grooving Tool Block	313
H-C	Handsaw-Compass	327
H-CC	Handsaw-Cross Cut-Reg.	327
H-CCH	Handsaw-Cross Cut-H.D.	327
H-D	Handsaw-Drywall	327
H-DW	Handsaw-Drywall/Wallboard	327
H-PVC	Handsaw-PVC	327
H-TB	Handsaw-Tool Box	327
HDA	Hex Die Adaptor	248
HERHF	Hand Exp. Reamer-Helical Flute	195
HERSF	Hand Exp. Reamer-Str. Flute	195
HK-TB	Hex Key-Tool Block	313
HRD	Hex Rethreading Die	233
HRDL	Hex Rethreading Die-L.H.	233
HRDM	Hex Rethreading Die-Metric	235
HRDML	Hex Rethreading Die-Metric-Left Hand	235
HRDMS	Hex Rethreading Die-Metric-Special	235
HRDP	Hex Rethreading Die-Pipe	233

ITEM NO. INDEX

ITEM NO.	DESCRIPTION	PAGE NO.
HRDS	Hex Rethreading Die-Special	234
HRHF	Hand Reamer-Helical-Flute	196
HRSF	Hand Reamer-Str-Flute	196
HS-BM	Hole Saw-Bi Metal	336
HS-BMA	Hole Saw-Bi Metal w/Arbor	337
HS-BMW	Hole Saw-Bi Metal-White	336
HS-CE	Hole Saw-Carb. Edge	341
HS-CT	Hole Saw-Carb. Tip	340
HS-DD	Hole Saw-D-Drive	342
HS-RL	Hole Saw-Recessed Lighting	342
HS-T	Hole Saw-Tile	343
HSB-BM	Hack Saw Blade-Bi Metal	328
HSB-CE	Hack Saw Blade-Carb. Edge	328
HSB-HS	Hack Saw Blade-HSS	328
HSDP	Hole Saw Drive Plate	339
HSF-CQ	Hack Saw Frame-Close Quarter	329
HSF-HT	Hack Saw Frame-High Tension	329
HSF-JM	Hack Saw Frame-Junior (Mini)	329
HSF-TS	Hack Saw Frame-Tubular Steel	329
HSK	Hole Saw Kits	336-337, 340-341
HSM-	Hole Saw Mandrels	338
HSM-A	Hole Saw Mandrel Adaptor	339
HSM-PE	Hole Saw Arbor-Plug Ejecting	338
HSM-A	Hole Saw Mandrel Adaptor	338
HSM-A-PE	Hole Saw Arbor Adaptor-Plug Eject	338
HSPD-3F	Hole Saw Pilot Drill-3 Flats	339
HSPD-3FH	Hole Saw Pilot Drill-3 Flats-Heavy Duty	339
HSPD-3S	Hole Saw Pilot Drill-3 Steps	339
HSPD-3SH	Hole Saw Pilot Drill-3 Steps-Heavy Duty	339
HSX	Hole Saw Extensions	339
HTD	Hex Threading Die-HSS	239
HTML	Hand Tap-Metric-Left Hand	211
HXD	Hex Die	237
HXDBP	Hex Die-Brit. Std. Pipe	237
HXDM	Hex Die-Metric	237
HXDP	Hex Die-Pipe	237
HXTD	Hex Threading Die-HSS	238
HXTDP	Hex Threading Die-Pipe-HSS	238
I-	Inserts-Carbide	293, 295-312
ICP	Inter. Counterbore Pilots	181
ICSS	Inter. Counterbore-Str. Sh.	180
ICTS	Inter. Counterbore-Taper Sh.	180
IMT	Indexable Mini Tool Holders	294
ISP	Indexable Spare Parts	293-301
IT	Indexable Tooling	293, 295-301
IWAB	Impact Wrench Auger Bit	176
JD-BP	Job. Drill-Bickford Pt.	57
JD-DAP	Job. Drill-Double Angle Pt.	57
JD-FF118P	Job. Drill-Four Facet 118° Pt.	56
JD-FF135P	Job. Drill-Four Facet 135° Pt.	56
JD-HFBP	Job. Drill-Helical Flat Bott. Pt.	56
JD-HS118P	Job. Drill-Helical 118° Pt.	56
JD-HS135P	Job. Drill-Helical 135° Pt.	56
JD-PP	Job. Drill-Perfect Point®	57
JD-RP	Job. Drill-Racon Pt.	57
JDAT	Job. Drill-Automotive (Tang)	50-51
JDC	Job. Drill-Cobalt	42-43
JDCM	Job. Drill-Cobalt-Metric	44-45
JDCMTS	Job. Drill-Cobalt-Metric-3/8 Shank	45
JDCTS	Job. Drill-Cobalt-3/8 Shank	42
JDDMHA	Job. Drill-Double Margin-H.D.-Type A	32
JDF	Job. Drill-Fast Spiral	48-49
JDG	Job. Drill-Ground	20-21, 23-25
JDGQS	Job. Drill-Ground-1/4 Shank	21
JDGRS	Job. Drill-Ground-1/2 Shank	22
JDGTS	Job. Drill-Ground-3/8 Shank	22, 25
JDHA	Job. Drill-H.D.-Type A	30-31
JDHATS	Job. Drill-H.D.-Type A-3/8 Sh.	30
JDHB	Job. Drill-H.D.-Type B	33-34, 36-37
JDHBQS	Job. Drill-H.D.-Type B-1/4 Sh.	34
JDHBS	Job. Drill-H.D.-Type B-1/2 Sh.	35
JDHBS	Job. Drill-H.D.-Type B-1/2 Sh.	35
JDHBS	Job. Drill-H.D.-Type B-3/8 Sh.	35, 37
JDHDF	Job. Drill-H.D.-Type B-Black & Gold	33
JDHDFTS	Job. Drill-H.D.-Type B-Black & Gold-3/8 Sh.	35

ITEM NO.	DESCRIPTION	PAGE NO.
JDHGF	Job. Drill-H.D.-Type B-Gold Finish	33, 36-37
JDHGFQS	Job. Drill-H.D.-Type B-Gold Finish-1/4 Sh.	34
JDHGFTS	Job. Drill-H.D.-Type B-Gold Finish-3/8 Sh.	35, 37
JDHP	Job. Drill-H.D.-Type B-Polished	33, 36-37
JDHPOS	Job. Drill-H.D.-Type B-P-1/4 Sh.	34
JDHPTS	Job. Drill-H.D.-Type B-P-3/8 Sh.	35, 37
JDHT	Job. Drill-H.D.-Type B-TiN	33-34, 36-37
JDHTA	Job. Drill-H.D.-Type B-TiN-Aluminum	38-39
JDHTC	Job. Drill-H.D.-Type B-TiN-Carbonitride	38-39
JDHPTS	Job. Drill-H.D.-Type B-TiN-3/8 Sh.	37
JDHZ	Job. Drill-H.D.-Type B-Zirconium	38-39
JDL	Job. Drill-H.D.-Left Hand	40
JDLTS	Job. Drill-H.D.-Type B-Left Hand-3/8 Sh.	40
JDM	Job. Drill-Metric	26-28
JDMHGF	Job. Drill-Metric-H.D.-Type B-Gold Finish	41
JDMHGFTS	Job. Drill-Metric-H.D.-Type B-Gold Finish-3/8 Sh.	41
JDMRS	Job. Drill-1/2 Shank-Metric	28
JDMTS	Job. Drill-3/8 Shank-Metric	28
JDP	Job. Drill-Polished	20, 23-25
JDPF	Job. Drill-Parabolic FL	46-47
JDPFT	Job. Drill-Parabolic FL-TiN	46-47
JDPFTS	Job. Drill-Parabolic FL-3/8 Sh.	46
JDPQS	Job. Drill-Polished-1/4 Sh.	21
JDPTS	Job. Drill-Polished-3/8 Sh.	22, 25
JDR	Job. Drill-Reg.	20, 23-25
JDRQS	Job. Drill-1/4 Shank	21
JDRTS	Job. Drill-3/8 Shank	22, 25
JDS	Job. Drill-Slow Spiral	48-49
JDT	Job. Drill-TiN Coated	20-21, 23-25
JDZ	Job. Drill-ZrN Coated	20
JSB-CE	Junior Saw BL-Carb. Edged	326
JSF	Junior Saw Frame	326
KD	Knockout Drills	118
KDT	Knockout Drills-TiN	118
LBD-06 to 24L	Long Boy Drill-6" to 24" Long	103
LBDHB-12 to 18L	Long Boy Drill-H.D.-Type B	105
LBDHBS-12 to 18L	Long Boy Drill-H.D.-Type B-1/2 Shank	105
LBDHBS-12 to 18L	Long Boy Drill-H.D.-Type B-3/8 Shank	106
LBDM-06 to 15L	Long Boy Drill-Metric-6" to 15" Long	104
LBDRS-12 to 24L	Long Boy Drill-12" to 24" Long-1/2 Sh.	104
M-ADDI-TC	Tool & Cutter Grinder/Fixtures	287
M-ADDI-TCA	Tool & Cutter Grinder Accessories	287
M-DA-AGM	Drill Analyzer	130
M-DAREX	Drill & End Mill Sharpeners	128-130, 286
MA-DAREX	Drill & End Mill Sharpening Accessories	128-130, 286
MD-637	Mas. Drill-Type 637 Kango	159
MD-706	Mas. Drill-Type 706 Skil	157
MD-717	Mas. Drill-Type 717 Skil	157
MD-726	Mas. Drill-Type 726 Skil	156
MD-728	Mas. Drill-Type 728 Skil	156
MD-736	Mas. Drill-Type 736 Skil	158
MD-747	Mas. Drill-Type 747 Phillips	158
MD-950	Mas. Drill-Type 950 Kango	159
MD-A	Mas. Drill-A-Taper	154
MD-B	Mas. Drill-B-Taper	154
MD-DCWP	Mas. Drill-Diamond Core-Wet Cut-Premium	139
MD-EK	Mas. Drill-Ejector Key	141
MD-M	Mas. Drill-Metric	144
MD-MAX	Mas. Drill-SDS-MAX-Eur	150
MD-MAXX	Mas. Drill-SDS-MAX-USA	151
MD-PC	Mas. Drill-Percussion Core	141
MD-PCPD	Mas. Drill-P.C.-Pilot Drill	141
MD-PCS	Mas. Drill-P.C. Shanks	141
MD-RAM	Mas. Drill-Ramset	149
MD-RC	Mas. Drill-Rotary Core	139
MD-RCPD	Mas. Drill-R.C.-Pilot Drill	139
MD-RCS	Mas. Drill-R.C.-Shanks	139
MD-S	Mas. Drill-Spline	152
MD-SDS	Mas. Drill-SDS	147
MD-SDSH	Mas. Drill-SDS-Hex	146
MD-SX	Mas. Drill-Spline-Cross Head Pt.	153
MD-TC	Mas. Drill-Tap Con.	146
MD-TE60	Mas. Drill-TE60	149
MD-TWC	Mas. Drill-Thin Wall Core	140

ITEM NO. INDEX

ITEM NO.	DESCRIPTION	PAGE NO.
MD-TWCS	Mas. Drill-Thin Wall Core Shank	140
MD-TWCS PD	Mas. Drill-Thin Wall Core Shank Pilot Drill	140
MDD	Mas. Drill Display	142
MDEM-2B	Min. D.E. Mill-2 FL-Ball	264
MDEM-2BT	Min. D.E. Mill-2 FL-Ball-TiN	264
MDEM-2L	Min. D.E. Mill-2 FL-Long	265
MDEM-2LT	Min. D.E. Mill-2 FL-Long-TiN	265
MDEM-2R	Min. D.E. Mill-2 FL	265
MDEM-2T	Min. D.E. Mill-2 FL-TiN	265
MDEM-4L	Min. D.E. Mill-4 FL-Long	265
MDEM-4LT	Min. D.E. Mill-4 FL-Long-TiN	265
MDEM-4R	Min. D.E. Mill-4 FL	265
MDEM-4T	Min. D.E. Mill-4 FL-TiN	265
MDF	Mas. Drill-Fast Spiral	142
MDFZ	Mas. Drill-Fast Spiral-Zinc	142
MDH	Mas. Drill-Hammer	145
MDS	Mas. Drill Sets	142, 147
MDW	Mas. Drill-Wide Spiral	143
MDWZ	Mas. Drill-Wide Spiral-Zinc	143
MEM-2B	Min. End Mill-2 FL-Ball	264
MEM-2BT	Min. End Mill-2 FL-Ball-TiN	264
MEM-2R	Min. End Mill-2 FL-Reg	264
MEM-2T	Min. End Mill-2 FL-TiN	264
MEM-4R	Min. End Mill-4 FL-Reg	264
MEM-4T	Min. End Mill-4 FL-TiN	264
MLDHPQS	Mech. Lgth. Drill-H.D.-Polished-1/4 Sh	34
MLDHQS	Mech. Lgth. Drill-H.D.-1/4 Sh	34
MLDPQS	Mech. Lgth. Drill-Polished-1/4 Sh	21
MLDQS	Mech. Lgth. Drill-1/4 Sh	21
MMA	Milling Machine Adaptor	289
MPC	Micro Pin Chuck	24
MPV	Micro Pin Vise	24
MSPB	Multi Spur Pipe Bit	168
MTES	Morse Taper Ext. Socket	93
MTESH	Morse Taper Ext. Socket-Hard	93
MTS	Morse Taper Sleeve	93
MTSH	Morse Taper Sleeve-Hard	93
NF	Needle File	361
NFS	Needle File Set	361
NPS	Pipe Tap-Straight	222
NPSF	Pipe Tap-Straight-Dry Seal	222
NPT	Pipe Tap-Taper	222
NPT-06-12L	Pipe Tap-Long Taper	223
NPTF	Pipe Tap-Taper-Dry Seal	222
NPTI	Pipe Tap-Taper-Interrupted	222
NPTIF	Pipe Tap-Taper-Interrupted-Dryseal	222
NPTL	Pipe Tap-Taper-Left Hand	223
NPTT	Pipe Tap-Taper-TiN Coated	222
NT	Nut Tap	219
OHD-10 to 14L	Oil Hole Drill-Taper Shank-Extra Long	92
OHD-SS	Oil Hole Drill-Straight Shank	90
OHD-SST	Oil Hole Drill-Straight Shank-TiN	90
OHD-TS	Oil Hole Drill-Taper Shank	91
OHD-TST	Oil Hole Drill-Taper Shank-TiN	91
PAB	Pipe Auger Bit	173
PB-BM	Portable B.S. BL.-Bi Metal	330
PB-HB	Portable B.S. BL.-Hard Back	330
PBX	Power Bit Extensions	173
PF-HR	Precision File-Half Round	360
PF-K	Precision File-Knife	360
PF-PR	Precision File-Pillar-Regular	360
PF-R	Precision File-Round	360
PF-TSQ	Precision File-Three Square	360
PF-W	Precision File-Warding	360
PFS-SP	Precision File Set-Swiss Pattern	360
PHSB	Power Hack Saw Blade	330
PLD	Plastic Laminate Drill	119
PLDQS	Plastic Laminate Drill-1/4 Sh	119
PLDTS	Plastic Laminate Drill-3/8 Sh	119
PPB23L	Power Pole Bit-23" Long	175
PPWD	Perfect Point Wood Drill	170
PPWDM	Perfect Point Wood Drill-Metric	170
PPWDMRS	Perfect Point Wood Drill-Metric-1/2 Sh	171

ITEM NO.	DESCRIPTION	PAGE NO.
PPWDRS	Perfect Point Wood Drill-1/2 Sh	171
PRSF	Pipe Reamer-Str. FL	196
PRSP	Pipe Reamer-Spiral FL	196
PT	Pulley Tap	219
PTM	Pulley Tap-Metric	219
PVCB12-18	PVC Blades-12" to 18"	327
QHSD	1/4 Hex Shank Drill	29
QHSDH	1/4 Hex Shank Drill-H.D.-Type A	29
RAD	Round Adj. Die	226
RADL	Round Adj. Die-L.H.	227
RADM	Round Adj. Die-Metric	228
RADML	Round Adj. Die-Metric-Left Hand	227
RADMS	Round Adj. Die-Metric-Spec. Thd.	229
RADP	Round Adj. Die-Pipe-Taper	231
RADPS	Round Adj. Die-Pipe-Straight	231
RADS	Round Adj. Die-Spec. Thd.	230
RBBC	R.R. Bonding Bit-Cobalt	122
RBBH	R.R. Bonding Bit-Head	122
RBBU	R.R. Bonding Bit-Univ.	122
RBBW	R.R. Bonding Bit-Web	122
RCA	Rebar Cutter Adaptors	138
REMA	Roughing End Mill-M2-AL	268
REMC	Roughing End Mill-Cobalt	268
RPD	Rivet (Punch) Drills	17
RRS-SP	Riffler Rasp Set-Swiss Pattern	358
RS	Reamer Set	193-194
RS-CE	Rod Saw-Carb. Edge	326
RSB	Reciprocating Saw Blade	324-325
RSD	Reduced 3/8 Shank Drills	76-77
RSDC	Reduced 3/8 Shank Drills-Cobalt	77
RSDHB	Reduced 3/8 Shank Drills-H.D.-Type B	75
RSF	Rod Saw Frame	326
RTB-DE	R.R. Track Bit-Double End	122
RTB-DEN	R.R. Track Bit-Double End-Nitride	122
RTB-SE	R.R. Track Bit-Single End	122
RTB-SEN	R.R. Track Bit-Single End-Nitride	122
RTBB1F	R.R. Tie Boring Bit-1 Flute-Flat	123, 177
RTBB1R	R.R. Tie Boring Bit-1 Flute-Flat-Rd.	123, 177
RTBB2F	R.R. Tie Boring Bit-2 Flute-Flat	123, 177
RTBB2R	R.R. Tie Boring Bit-2 Flute-Flat-Rd.	123, 177
RTP-TP	R.R. Track Bit-Tip Protector	122
RTSC	Roughing T-Slot Cutter	281
S-DS	Screwdriver-Die Stock	249
SAB-06 to 36 L	Ship Auger Bits-6" to 36" Long	174-175
SASC45-60	Single Angle (Shank) Cutters-45°-60°	284
SCB	Solid Carbide Bur	365-367
SCBL	Solid Carbide Bur-Long	369
SCBNF	Solid Carbide Bur-NF	364
SCBNFZ	Solid Carbide Bur-NF-ZN	364
SCBS	Solid Carbide Bur Set	371
SCBSW	Solid Carbide Bur Set-Wood Box	370
SCBT	Solid Carbide Bur-TiN	365-367
SCBXL	Solid Carb. Bur-X-Long-Mini	368
SCBXLT	Solid Carb. Bur-X-Long-Mini-TiN	368
SCCDC	Solid Carb. Comb. Drill & Csk	114, 182
SCCEM-2R	Solid Carb. Corner Radius End Mill-2 FL	279
SCCEM-2T	Solid Carb. Corner Radius End Mill-2 FL-TiN	279
SCCEM-4R	Solid Carb. Corner Radius End Mill-4 FL	279
SCCEM-4T	Solid Carb. Corner Radius End Mill-4 FL-TiN	279
SCCRSF	Solid Carb. Chuck Reamer-SF	191
SCCSK	Solid Carb. Countersinks-1 to 6 Flutes	187
SCD	Stepped Cone Drill	118
SCDD	Solid Carb. Die Drill	120
SCDEM-2B	Solid Carb. D.E. Mill-2 FL-Ball	270
SCDEM-2BT	Solid Carb. D.E. Mill-2 FL-Ball-TiN	270
SCDEM-2R	Solid Carb. D.E. Mill-2 FL	270
SCDEM-2S	Solid Carb. D.E. Mill-2 FL-Stub	271
SCDEM-2SB	Solid Carb. D.E. Mill-2 FL-Stub-Ball	271
SCDEM-2SBT	Solid Carb. D.E. Mill-2 FL-Stub-Ball-TiN	271
SCDEM-2ST	Solid Carb. D.E. Mill-2 FL-Stub-TiN	271
SCDEM-2T	Solid Carb. D.E. Mill-2 FL-TiN	270
SCDEM-4B	Solid Carb. D.E. Mill-4 FL-Ball	272
SCDEM-4BT	Solid Carb. D.E. Mill-4 FL-Ball-TiN	272
SCDEM-4R	Solid Carb. D.E. Mill-4 FL	272

ITEM NO. INDEX

ITEM NO.	DESCRIPTION	PAGE NO.
SCDEM-4S	Solid Carb. D.E. Mill-4 FL-Stub	273
SCDEM-4SB	Solid Carb. D.E. Mill-4 FL-Stub-Ball	273
SCDEM-4SBT	Solid Carb. D.E. Mill-4 FL-Stub-Ball-TiN	273
SCDEM-4ST	Solid Carb. D.E. Mill-4 FL-Stub-TiN	273
SCDEM-4T	Solid Carb. D.E. Mill-4 FL-TiN	272
SCDEMM-2S	Solid Carb. D.E. Mill-2 FL-Stub	274
SCDEMM-2SB	Solid Carb. D.E. Mill-2 FL-Stub-Ball	274
SCDEMM-2SBT	Solid Carb. D.E. Mill-2 FL-Stub-Ball-TiN	274
SCDEMM-2ST	Solid Carb. D.E. Mill-2 FL-Stub-TiN	274
SCDEMM-4S	Solid Carb. D.E. Mill-4 FL-Metric-Stub	275
SCDEMM-4SB	Solid Carb. D.E. Mill-4 FL-Metric-Stub-Ball	275
SCDEMM-4SBT	Solid Carb. D.E. Mill-4 FL-Metric-Stub-Ball-TiN	275
SCDEMM-4ST	Solid Carb. D.E. Mill-4 FL-Metric-Stub-TiN	275
SCDL	Spotting & Centering Drill-Left Hand	113
SCDR	Spotting & Centering Drill-Right Hand	113
SCDSC	Solid Carb. Die Sinking Cutter	277
SCDSCCT	Solid Carb. Die Sinking Cutter-TiN	277
SCDSEM-2R	Solid Carb. Dec. Size End Mill-2 FL	278
SCDSEM-2T	Solid Carb. Dec. Size End Mill-2 FL-TiN	278
SCDSEM-4R	Solid Carb. Dec. Size End Mill-4 FL	278
SCDSEM-4T	Solid Carb. Dec. Size End Mill-4 FL-TiN	278
SCDT	Stepped Cone Drill-TiN	118
SCEM-2B	Solid Carb. End Mill-2 FL-Ball	270
SCEM-2BT	Solid Carb. End Mill-2 FL-Ball-TiN	270
SCEM-2L	Solid Carb. End Mill-2 FL-Long	271
SCEM-2LT	Solid Carb. End Mill-2 FL-Long-TiN	271
SCEM-2R	Solid Carb. End Mill-2 FL	270
SCEM-2T	Solid Carb. End Mill-2 FL-TiN	270
SCEM-2XL	Solid Carb. End Mill-2 FL-X-Long	271
SCEM-2XLT	Solid Carb. End Mill-2 FL-X-Long-TiN	271
SCEM-3B	Solid Carb. End Mill-3 FL-Ball	276
SCEM-3BT	Solid Carb. End Mill-3 FL-Ball-TiN	276
SCEM-3R	Solid Carb. End Mill-3 FL	276
SCEM-3T	Solid Carb. End Mill-3 FL-TiN	276
SCEM-4B	Solid Carb. End Mill-4 FL-Ball	272
SCEM-4BT	Solid Carb. End Mill-4 FL-Ball-TiN	272
SCEM-4L	Solid Carb. End Mill-4 FL-Long	273
SCEM-4LT	Solid Carb. End Mill-4 FL-Long-TiN	273
SCEM-4R	Solid Carb. End Mill-4 FL	272
SCEM-4T	Solid Carb. End Mill-4 FL-TiN	272
SCEM-4XL	Solid Carb. End Mill-4 FL-X-Long	273
SCEM-4XLT	Solid Carb. End Mill-4 FL-X-Long-TiN	273
SCEMM-2B	Solid Carb. End Mill-2 FL-Metric-Ball	274
SCEMM-2BT	Solid Carb. End Mill-2 FL-Metric-Ball-TiN	274
SCEMM-2R	Solid Carb. End Mill-2 FL-Metric	274
SCEMM-2T	Solid Carb. End Mill-2 FL-Metric-TiN	274
SCEMM-4B	Solid Carb. End Mill-4 FL-Metric-Ball	275
SCEMM-4BT	Solid Carb. End Mill-4 FL-Metric-Ball-TiN	275
SCEMM-4R	Solid Carb. End Mill-4 FL-Metric	275
SCEMM-4T	Solid Carb. End Mill-4 FL-Metric-TiN	275
SCJD	Solid Carb. Job. Drill	54-55
SCJD3F	Solid Carb. Job. Drill- 3 Flute	54-55
SCJDM	Solid Carb. Job. Drill-Metric	55
SCJDM3F	Solid Carb. Job. Drill-Metric-3 Flute	55
SCMDEM-2S	Solid Carb. Min. D.E. Mill-2 FL-Stub	278
SCMDEM-2ST	Solid Carb. Min. D.E. Mill-2 FL-Stub-TiN	278
SCMDEM-4S	Solid Carb. Min. D.E. Mill-4 FL-Stub	278
SCMDEM-4ST	Solid Carb. Min. D.E. Mill-4 FL-Stub-TiN	278
SCREMAT	Solid Carb. Roughing End Mill-Type A-TiN	269
SCREMATATA	Solid Carb. Roughing End Mill-Type A-TiAN	269
SCREMATC	Solid Carb. Roughing End Mill-Type A-TiCN	269
SCREMNT	Solid Carb. Roughing End Mill-Type N-TiN	269
SCREMNTA	Solid Carb. Roughing End Mill-Type N-TiAN	269
SCREMNTC	Solid Carb. Roughing End Mill-Type N-TiCN	269
SCREMST	Solid Carb. Roughing End Mill-Type S-TiN	269
SCREMSTA	Solid Carb. Roughing End Mill-Type S-TiAN	269
SCREMSTC	Solid Carb. Roughing End Mill-Type S-TiCN	269
SCSD	Solid Carb. Spade Drill	121
SCTCB	Solid Carbide Tile Cutout Bits	124
SCTEM	Solid Carb. Tapered End Mill	277
SCTEMB	Solid Carb. Tapered End Mill-Ball	277
SCTEMBT	Solid Carb. Tapered End Mill-Ball-TiN	277
SCTEMT	Solid Carb. Tapered End Mill-TiN	277
SCTMHF	Solid Carb. Thread Mill-Hel. Flute	250

ITEM NO.	DESCRIPTION	PAGE NO.
SCTMHFP	Solid Carb. Thread Mill-Hel. Flute-Pipe-Taper	251
SCTMHFPI	Solid Carb. Thread Mill-Hel. Flute-Pipe Taper Inter.	251
SCTMMHF	Solid Carb. Thread Mill-Hel. Flute-Metric	250
SCTMMSF	Solid Carb. Thread Mill-Str. Flute-Metric	250
SCTMSF	Solid Carb. Thread Mill-Str. Flute	250
SCTMSFP	Solid Carb. Thread Mill-Str. Flute-Pipe-Taper	251
SCTMSFPI	Solid Carb. Thread Mill-Str. Flute-Pipe-Taper-Inter.	251
SDJL45-82-90	Step Drill-Jobber Lgth.-45°-82°-90°	116-117, 183
SDJLS	Step Drill-Jobber Lgth.-Sets	117
SDR	Spotting Drill-Right Hand	113
SDS	SDS-Adaptor	148
SDT	Spotting Drill-TiN	113
SDTL45-90	Step Drill-Taper Lgth.-45°-90°	116
SDTLS	Step Drill-Taper Lgth.-Sets	117
SED	Single End Drill	17
SEDL	Single End Drill-Long	17
SFTF	Spiral Flute Tap-Fast	220
SFTFC	Spiral Flute Tap-Fast-Cobalt	220
SFTR	Spiral Flute Tap-Regular	220
SHT	Standard Hand Tap	206
SHTL	Standard Hand Tap-Left Hand	207
SHTLS	Std. Hand Tap-Left Hand-Set	207
SHTM	Standard Hand Tap-Metric	210
SHTMS	Standard Hand Tap-Metric-Set	210
SHTO	Standard Hand Tap-Over Size	207
SHTS	Standard Hand Tap Set	206
SHTT	Standard Hand Tap-TiN	206
SJB	Scroll/Jigsaw Blade	326
SMC	Screw Mach. Drill-Cobalt	18-19
SMG	Screw Mach. Drill-Ground	11
SMGF	Screw Mach. Drill-Gold Finish	10, 13
SMGRS	Screw Mach. Drill-1/2 Sh.	11
SML	Screw Mach. Drill-L.H.	15
SMM	Screw Mach. Drill-Metric	16
SMP	Screw Mach. Drill-Polished	10, 13-14
SMPQS	Screw Mach. Drill-Polished-1/4 Sh.	12
SMPTS	Screw Mach. Drill-Polished-3/8 Sh.	12
SMQS	Screw Mach. Drill-1/4 Sh.	12
SMR	Screw Mach. Drill-Reg.	10-11, 13-14
SMT	Screw Mach. Drill-TiN	10, 13
SMTS	Screw Mach. Drill-3/8 Shank	12
SND	Silver & Deming Drills	69, 76
SND3F	Silver & Deming Drills-3 Flats	69
SNDC	Silver & Deming Drills-Cobalt	73
SNDC3F	Silver & Deming Drills-Cobalt-3 Flats	73
SNDHA	Silver & Deming Drills-H.D.-Type A	72
SNDHD	Silver & Deming Drills-H.D.-Type B	72
SNDHDF	Silver & Deming Drills-H.D.-Type B-Black & Gold	72
SNDM	Silver & Deming Drills-Metric	70
SNDM3F	Silver & Deming Drills-Metric-3 Flats	70
SNDMH	Silver & Deming Drills-Metric-H.D.-Type B	71
SNDMH3F	Silver & Deming Drills-Metric-H.D.-Type B-3 Flats	71
SNDT	Silver & Deming Drills-TiN	69
SPET	Spiral Point Extension Tap	217
SPG	Screw Pitch Gauge	249
SPPD	Screw Point Pilot Drill	168
SPPT	Spiral Point Pulley Tap	218
SPPTM	Spiral Point Pulley Tap-Metric	218
SPT	Spiral Point Tap	216
SPTC	Spiral Point Tap-Cobalt	217
SPTM	Spiral Point Tap-Metric	216
SPTMT	Spiral Point Tap-Metric-TiN	216
SPTO	Spiral Point Tap-Oversize	217
SPTT	Spiral Point Tap-TiN	216
SRASS	Shell Reamer Adaptor-Str. Shank	197
SRATS	Shell Reamer Adaptor-Taper Shank	197
SRHF	Shell Reamer-Helical Flute	197
SRSF	Shell Reamer-Str. Flute	197
SSB	Saber Saw Blade-Univ.	320-321
SSBB	Saber Saw Blade-Bosch	323
SSBM	Saber Saw Blade-Makita	322
SSBP	Saber Saw Blade-Porter Cable	322
SSR	Silversmiths Riffles	363
STHT	Special Thread Hand Tap	208-209

ITEM NO. INDEX

ITEM NO.	DESCRIPTION	PAGE NO.
STISPT	Screw Thread Insert Spiral Pt. Tap	215
STIT	Screw Thread Insert Tap	215
STPD	Square Taper Pipe Die-NPT	239
STTM	Special Thread Tap-Metric	211
SWCTS	Spot Weld Cutter - 3/8 Sh	125
SWRC	Spot Weld Replacement Cutter	125
SXDS	Screw Ext. & Drill Set	205
SXHF	Screw Extractor-Helical FL	204
SXS-	Screw Extractor Sets	205
SXSF	Screw Extractor-Str. Flute	205
TAT	Tandem Acme Taps	221
TB-R	Tool Bit-Rectangular	315
TB-RD	Tool Bit-Round	315
TB-SQ	Tool Bit-Square	315
TB-SQ5C	Tool Bit-Square 5% Cobalt	315
TCF	Tapping & Cutting Fluid	249
TD-	Tap Dispenser	244
TDS	Tap & Drill Set	244
TFT	Thread Forming Tap	221
TFFT	Thread Forming Tap-TiN	221
TG	Tap Guide	249
THDS	Tap & Hex Die Set	241-243
TLD	Taper Length Drill	78-79
TLDAT	Taper Length Drill-Auto Tang	86-87
TLDC	Taper Length Drill-Cobalt	82-83
TLDF	Taper Length Drill-Fast Spiral	87
TLDHB	Taper Length Drill-H.D.-Type B	84
TLDM	Taper Length Drill-Metric	80-81
TLDPF	Taper Length Drill-Parabolic Flute	84
TPD/R	Taper Pin Drill/Reamer	201
TPRHF	Taper Pin Reamer-Helical Flute	201
TPRSF	Taper Pin Reamer-Straight Flute	201
TPRSP	Taper Pin Reamer-Spiral Flute	201
TQSD	3/4" Shank (S & D) Drills	75
TRDS	Tap & Round Die Set	245
TRF-	Thread Restoring Files	245, 359
TS-	Tap Set	224, 241
TSB-CE	Tile Saw Blade-Carb. Edge	343
TSC	T-Slot Cutters	281

ITEM NO.	DESCRIPTION	PAGE NO.
TSCC	T-Slot Cutters-Cobalt	281
TSD-(12-30L)	Taper Shank Drill-Extra Long	101-102
TSD-C	Taper Shank Drill-Cobalt	100
TSD-H	Taper Shank Drill-H.D.-Type B	99
TSD-HT	Taper Shank Drill-H.D.-Type B-TiN	99
TSD-M	Taper Shank Drill-Metric	98
TSD-MH	Taper Shank Drill-Metric-H.D.-Type B	99
TSD-OS	Taper Shank Drill-Over Size	97
TSD-PP	Taper Shank Drill-Perfect Point®	98
TSD-R	Taper Shank Drill-Regular	94-95, 98
TSD-S	Taper Shank Drill-Stub Length	97
TSD-T	Taper Shank Drill-TiN	94-95
TSD-US	Taper Shank Drill-Under Size	96
TSDM-(12-25L)	Taper Shank Drill-Metric-Extra long	102
TSF	Tile Saw Frame	343
TT	Tap (3 in 1) Tree	215
TTB	Tap (3 in 1) Tree Blade	215
TTCD	Torch Tip Cleaner Drill	125
TTHL	Turning Tool Holder-Left	317
TTHR	Turning Tool Holder-Right	317
TTHS	Turning Tool Holder-Straight	317
TTW	T-Handle Tap Wrench	247
TTWP	T-Handle Tap Wrench-Piloted	247
TTWR	T-Handle Tap Wrench-Ratchet	247
TTWSD	T-Handle Tap Wrench-Sq. Drive	247
TW	Tap Wrench-Straight	246
TWHD	Tap Wrench-Heavy Duty	246
TWOH	Tap Wrench-Offset Handle	246
VD	Vent Drill	107
WB06L	Wood Bit-6" Lgth.-Spade Type	166
WB16L	Wood Bit-16" Lgth.-Spade Type	166
WBS-	Wood Bit Set	166
WBX	Wood Bit Extension	167
WDBP	Wood Drill-Brad Point	169
WDBP12L	Wood Drill-Brad Point-12" Lgth	169
WKSSC	Woodruff Key Seat (Shank) Cutters-Straight	283
WKSSCS	Woodruff Key Seat (Shank) Cutters-Staggered	282
WS	Wood Stand	77
XDM	Extension Drill-Metric	109

ITEM NO. PREFIX	DESCRIPTION	PURPOSE / FUNCTION
NI-	Non-Inventory Item	Used to categorize a standard item not in inventory or catalog that is sourced out for customer.
SPEC-	Special Cutting Tool	Used to categorize an item that is manufactured to custom specifications for customer.

NOTE

All item numbers consist of up to 14 digits including the above alpha-numeric prefixes. All item numbers are in alphabetical order for quick reference and are formed from the initial letters of each item description for logical association and meaning.

PRODUCT SOURCE ICON DIRECTORY

Special data about each tool sold by ICS Cutting Tools has been compressed into an easy to read ICON shown below. More specific data is available upon written request.

- ICS USA** TOOL PRODUCTION WAS COMPLETED IN USA USING ONLY USA LABOR AND COMPONENTS.
- ICS WIS** TOOL PRODUCTION WAS COMPLETED IN USA USING SOME IMPORT LABOR AND COMPONENTS.
- ICS IMP** TOOL PRODUCTION WAS COMPLETED USING ONLY IMPORT LABOR AND COMPONENTS & WHERE APPROPRIATE, A THREE LETTER COUNTRY OF ORIGIN ABBREVIATION WILL BE USED IN PLACE OF IMP TO CONVEY WHERE PRODUCT IS FROM.