

Description	Page	Name
<b>A</b>		
A○○□-PCLN%○○-○○	223	Boring Bar (Steel Bar)
A○○□-PDUN%○○-○○	228	Boring Bar (Steel Bar)
A○○□-PTUN%○○-○○	238	Boring Bar (Steel Bar)
A○○□-PWLN%○○-○○	246	Boring Bar (Steel Bar)
A○○□-SCLC%○○-○○	220	Boring Bar (Steel Bar)
A○○□-SCLC%○○-○○E	220	Boring Bar (Excellent Bar)
A○○□-SCLP%○○-○○E	220	Boring Bar (Excellent Bar)
A○○□-STUP%○○-○○E	232	Boring Bar (Excellent Bar)
A○○□-SWUP%○○-○○E	246	Boring Bar (Excellent Bar)
A-KKC	297, 361	Toolholder (Grooving)
AABS%○○	178	Toolholder (Turning) "Small Tools"
AABS%○○○○□-○○F	178	Toolholder (Turning) "Small Tools"
AABW%○○	179, 180	Toolholder (Turning) "Small Tools"
AABW%○○○○□-○○F	179, 180	Toolholder (Turning) "Small Tools"
AB○○%○○○○	90, 177	Insert (Turning)
ABS○○%○○○○	90, 178	Insert (Turning)
ABW○○%○○○○	90, 179	Insert (Turning)
ACEM○○○-○W-○	521	Endmill
ACEM○○○○-○W	464	Endmill
ACEM○○-○.○○%○	449	Face Mill
ACEM○○○-○W-93	445	Face Mill
ACLCL%○○	181	Toolholder (Turning) "Small Tools"
ACLCL%○○○○□-○○F	181	Toolholder (Turning) "Small Tools"
ADJCL%○○	184	Toolholder (Turning) "Small Tools"
ADJCL%○○○○□-○○F	184	Toolholder (Turning) "Small Tools"
ADMM○○○○○○	426	Insert (Milling)
ADNCL%○○	187	Toolholder (Turning) "Small Tools"
ADNCL%○○○○□-○○F	187	Toolholder (Turning) "Small Tools"
APKT○○○○○○PDER-V	426	Insert (Milling)
APKT○○○○PDER-V	426	Insert (Milling)
APMT○○○	426	Insert (Milling)
ASL○○○○○○○-○○○	400	Sleeve (for Magic Drill)
AVJB%○○-○○	193	Toolholder (Turning) "Small Tools"
AVJB%○○○○□-○○F	193	Toolholder (Turning) "Small Tools"
AVVB%○○○○□-○○F	192	Toolholder (Turning) "Small Tools"
<b>B</b>		
BCS○	541	Spare Parts (Clamp Set)
BDGT○○○	426	Insert (Milling)
BDMT○○○	426	Insert (Milling)
BDMT○○○ ○	480	Insert (Milling)
BH3X6	532	Spare Parts (Screw)
BH3X12	532	Spare Parts (Screw)
BH6X25	532	Spare Parts (Screw)
BH8X30	532	Spare Parts (Screw)
<b>C</b>		
○○○□-SCLC%○○-○○	218	Boring Bar (Carbide Shank Bar)
○○○□-SCLC%○○-○○-AS	222	Boring Bar (Carbide Shank Bar)
○○○□-SCLP%○○-○○	218	Boring Bar (Carbide Shank Bar)
○○○□-SDUC%○○-○○	224	Boring Bar (Carbide Shank Bar)
○○○□-STUB%○○-○○	230	Boring Bar (Carbide Shank Bar)
○○○□-STUP%○○-○○	230	Boring Bar (Carbide Shank Bar)

Description	Page	Name
○○○□-STUP%○○-○○-AS	234	Boring Bar (Carbide Shank Bar)
○○○□-STXB%○○-○○○	236	Boring Bar (Carbide Shank Bar)
○○○□-STXP%○○-○○	236	Boring Bar (Carbide Shank Bar)
○○○□-STZB%○○-○○○	236	Boring Bar (Carbide Shank Bar)
○○○□-SWUB%○○-○○	244	Boring Bar (Carbide Shank Bar)
○○○□-SWUB%○○-○○-AS	243	Boring Bar (Carbide Shank Bar)
○○○□-SWUP%○○-○○	244	Boring Bar (Carbide Shank Bar)
C17R	543	Spare Parts (Clamp)
C20R	543	Spare Parts (Clamp)
C25R	543	Spare Parts (Clamp)
CAB%○○○○□-○○F	177	Toolholder (Turning) "Small Tools"
CB	549	Spare Parts (Chipbreaker)
CBSN%○○○○□-○○	148	Toolholder (Turning)
CBSN%○○○○B-12-A20	248	Boring Bar (Steel Bar)
CB-T2212	545	Spare Parts (Chipbreaker)
CB-T3220	545	Spare Parts (Chipbreaker)
CCET○○○○○○○%○-FSF	68	Insert (Turning)
CCET○○○○○○○F%○-USF	68	Insert (Turning)
CCGT○○○○○○○	68	Insert (Turning)
CCGT○○○○○○○AH	69	Insert (Turning)
CCGT○○○○○○○E%○-U	69	Insert (Turning)
CCGT○○○○○○○FN-Z	69	Insert (Turning)
CCGT○○○○○○○F%○-U	69	Insert (Turning)
CCGT○○○○○○○%○-A3	69	Insert (Turning)
CCGT○○○○○○○%○-F	69	Insert (Turning)
CCGT○○○○○○○%○-FS	69	Insert (Turning)
CCGW○○○○○○○	69	Insert (Turning)
CCGW○○○○○○○SE	118	Insert (Turning) PCD
CCLN%○○○○□-○○	149	Toolholder (Turning)
CCLN%○○○○□-○○A	160	Toolholder (Turning)
CCLN%○○○○B-○○A	251	Boring Bar (Steel Bar)
CCMT○○○○○○○	68	Insert (Turning)
CCMT○○○○○○○FG	69	Insert (Turning)
CCMT○○○○○○○GK	70	Insert (Turning)
CCMT○○○○○○○HF	70	Insert (Turning)
CCMT○○○○○○○HQ	70	Insert (Turning)
CCMT○○○○○○○SE	118	Insert (Turning) PCD
CCMW○○○○○○○ME-T	110	Insert (Turning) CBN
CCMW○○○○○○○S2E	110	Insert (Turning) CBN
CCMW○○○○○○○SE	110	Insert (Turning) CBN
CCMW○○○○○○○SE-T	110	Insert (Turning) CBN
CCMW○○○○○○○SE-T○○○○○	110	Insert (Turning) CBN
CCRN%○○○○□-○○A	160	Toolholder (Turning)
CDJN%○○○○□-○○	150	Toolholder (Turning)
CDJN%○○○○□-○○X	150	Toolholder (Turning)
CE-○○○	545	Spare Parts (Clamp Set)
CE-111	543	Spare Parts (Clamp)
CE-121	543	Spare Parts (Clamp)
CE-131	543	Spare Parts (Clamp)
CE-141	543	Spare Parts (Clamp)
CEJN%○○○○□-○○	151	Toolholder (Turning)
CELN%○○○○□-○○	151	Toolholder (Turning)
CELN%○○○○B-○○	249	Boring Bar (Steel Bar)
CEM○○○-○W	465	Endmill

Description	Page	Name
CGA-3%	543	Spare Parts (Clamp)
CGA-4%	543	Spare Parts (Clamp)
CGA-5%	543	Spare Parts (Clamp)
CGB%	543	Spare Parts (Clamp)
CGH-1%	543	Spare Parts (Clamp)
CGH-2%	543	Spare Parts (Clamp)
CGH-3%	543	Spare Parts (Clamp)
CGIA-3R	543	Spare Parts (Clamp)
CGIA-4R	543	Spare Parts (Clamp)
CGIA-5R	543	Spare Parts (Clamp)
CH-20R	543	Spare Parts (Clamp)
CI-SCLN% <input type="radio"/> <input type="radio"/> <input type="radio"/>	219	Boring Bar (Carbide Shank Bar)
CI-SWUN% <input type="radio"/> <input type="radio"/> <input type="radio"/>	245	Boring Bar (Carbide Shank Bar)
CIN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	362	Toolholder (Threading)
CKC-2%	543	Spare Parts (Clamp)
CKC-3%	543	Spare Parts (Clamp)
CL-6	544	Spare Parts (Clamp)
CL-9	544	Spare Parts (Clamp)
CL-20	544	Spare Parts (Clamp)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	43	Insert (Turning)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ME-T	104	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ME-W	104	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> S2E	104	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE	104	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE-T	104	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE-T <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	104	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> -T <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	96	Insert (Ceramic)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/>	104	Insert (CBN)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> DP	42	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %	43	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-25R	43	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-A3	43	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-S	43	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HQ	43	Insert (Turning)
CNGM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> BBO	104	Insert (CBN)
CNG(N) <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	96	Insert (Turning)
CNG(N) <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> T <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	96	Insert (Turning)
CNGX <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	97	Insert (Ceramic)
CNMA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	43	Insert (Turning)
CNMA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> -T <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	96	Insert (Ceramic)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	43	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> AH	43	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> C	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> CQ	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> CS	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GC	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GC-R03	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GP	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GS	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GT	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GU	44	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HK	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HQ	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HS	45	Insert (Turning)

Description	Page	Name
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HT	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HU	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> MS	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> MU	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> PS	45	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> PT	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SU	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> TK	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> WP	46	Insert "Wiper Insert"
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> WQ	46	Insert "Wiper Insert"
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XP	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XP-T	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XQ	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XS	46	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ZS	46	Insert (Turning)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HX	45	Insert (Turning)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> M	117	Insert (PCD)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> M-SE	117	Insert (PCD)
CNMN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	104	Insert (CBN)
CNMP <input type="radio"/> <input type="radio"/> <input type="radio"/>	46	Insert (Turning)
CP-8TE	544	Spare Parts (Clamp)
CP-8W	544	Spare Parts (Clamp)
CPG <input type="radio"/> <input type="radio"/> <input type="radio"/>	70	Insert (Turning)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	110	Insert (CBN)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ME-T	110	Insert (CBN)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE	110	Insert (CBN)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE-T	110	Insert (CBN)
CPGT <input type="radio"/> <input type="radio"/> <input type="radio"/>	70	Insert (Turning)
CPMB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	70	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/>	118	Insert (PCD)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	70	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HQ	70	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-F12	70	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-Y	70	Insert (Turning)
CPMT <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GP	71	Insert (Turning)
CPMT <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XP	71	Insert (Turning)
CPMT <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XQ	71	Insert (Turning)
CP-RC%	545	Spare Parts (Clamp)
CPS- <input type="radio"/> <input type="radio"/>	546	Spare Parts (Clamp Set)
CRDNN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	153	Toolholder (Turning)
CRDNN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	161	Toolholder (Turning)
CRDCN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	152	Toolholder (Turning)
CRSN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	154	Toolholder (Turning)
CRSN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	161	Toolholder (Turning)
CS126	532	Spare Parts (Screw)
CSDNN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	155	Toolholder (Turning)
CSDNN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	163	Toolholder (Turning)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	156	Toolholder (Turning)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	163	Toolholder (Turning)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> B- <input type="radio"/> <input type="radio"/>	251	Boring Bar (Steel Bar)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> B- <input type="radio"/> <input type="radio"/> A	251	Boring Bar (Steel Bar)
CSKP% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> B- <input type="radio"/> <input type="radio"/>	229	Boring Bar (Steel Bar)
CS-N% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	156	Toolholder (Turning)
CSRN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	157	Toolholder (Turning)

Description	Page	Name
CSRN% 0000□-00A	163	Toolholder (Turning)
CSSN% 0000□-00	158	Toolholder (Turning)
CSSN% 0000□-00A	163	Toolholder (Turning)
CSYN% 0000□-00	158	Toolholder (Turning)
CSYN% 0000□-00A	163	Toolholder (Turning)
CTFP% 0000□-00N	191	Toolholder (Turning) "Small Tools"
CTGP% 00-0	191	Toolholder (Turning) "Small Tools"
CTGP% 0000□-00N	191	Toolholder (Turning) "Small Tools"
CTJN% 0000□-00	159	Toolholder (Turning)
CTJN% 0000□-00A	164	Toolholder (Turning)
CTTP% 0000□-00N	191	Toolholder (Turning) "Small Tools"
CTUC% 0000B-00	250	Boring Bar (Steel Bar)
CTUN% 0000□-00	159	Toolholder (Turning)
CTUN% 0000□-00A	164	Toolholder (Turning)
CTUN% 0000B-00A	252	Boring Bar (Steel Bar)
CTUP% 0000B-00	237	Boring Bar (Steel Bar)
<b>D</b>		
DB 000	103, 264	Insert (Grooving)
DCET 000000%L-FSF	72	Insert (Turning)
DCET 000000F%L-JSF	72	Insert (Turning)
DCET 000000F%L-USF	72	Insert (Turning)
DCGT 000000	72	Insert (Turning)
DCGT 000000AH	72	Insert (Turning)
DCGT 000000CF	72	Insert (Turning)
DCGT 000000CK	72	Insert (Turning)
DCGT 000000E%L-J	73	Insert (Turning)
DCGT 000000E%L-U	73	Insert (Turning)
DCGT 000000FN-Z	72	Insert (Turning)
DCGT 000000F%L-J	73	Insert (Turning)
DCGT 000000F%L-U	73	Insert (Turning)
DCGT 000000%L-A3	72	Insert (Turning)
DCGT 000000%L-F	73	Insert (Turning)
DCGT 000000%L-FS	73	Insert (Turning)
DCGW 000000	73	Insert (Turning)
DCLN 000	133	Toolholder (Turning)
DCMT 000000	72	Insert (Turning)
DCMT 000	119	Insert (PCD)
DCMT 000000GK	73	Insert (Turning)
DCMT 000000GP	73	Insert (Turning)
DCMT 000000HF	73	Insert (Turning)
DCMT 000000HQ	74	Insert (Turning)
DCMT 000000XP	74	Insert (Turning)
DCMT 000000XQ	74	Insert (Turning)
DCMW 000000	111	Insert (CBN)
DCMW 000000ME-T	111	Insert (CBN)
DCMW 000000S2E	111	Insert (CBN)
DCMW 000000SE	111	Insert (CBN)
DCMW 000000SE-T	111	Insert (CBN)
DCMW 000000SE-T00000	111	Insert (CBN)
DDJN 000	135	Toolholder (Turning)
DMC 000	466	Endmill
DMC 000H	468	Endmill
DMC 000-S00	466	Endmill

Description	Page	Name
DMC 000SX	467	Endmill
DMC 000SX-000	467	Endmill
DMC 000SXT	467	Endmill
DNGA 000000	48	Insert (Turning)
DNGA 000000ME-T	105	Insert (CBN)
DNGA 000000S2E	105	Insert (CBN)
DNGA 000000SE	105	Insert (CBN)
DNGA 000000SE-T	105	Insert (CBN)
DNGA 000000-T00	97	Insert (Ceramic)
DNGA 000000	105	Insert (CBN)
DNGG 000000DP	47	Insert (Turning)
DNGG 000000%L	48	Insert (Turning)
DNGG 000000%L-A3	48	Insert (Turning)
DNGG 000000%L-S	48	Insert (Turning)
DNGM 000000BB0	105	Insert (CBN)
DNG(N) 000000	97	Insert (Ceramic)
DNMA 000000	48	Insert (Turning)
DNMG 000000	48	Insert (Turning)
DNMG 000000AH	48	Insert (Turning)
DNMG 000000C	48	Insert (Turning)
DNMG 000000CJ	48	Insert (Turning)
DNMG 000000CQ	48	Insert (Turning)
DNMG 000000CS	49	Insert (Turning)
DNMG 000000GC	49	Insert (Turning)
DNMG 000000GP	49	Insert (Turning)
DNMG 000000GS	49	Insert (Turning)
DNMG 000000GT	49	Insert (Turning)
DNMG 000000GU	49	Insert (Turning)
DNMG 000000HK	49	Insert (Turning)
DNMG 000000HQ	49	Insert (Turning)
DNMG 000000HS	49	Insert (Turning)
DNMG 000000HT	50	Insert (Turning)
DNMG 000000HU	50	Insert (Turning)
DNMG 000000MS	50	Insert (Turning)
DNMG 000000MU	50	Insert (Turning)
DNMG 000000PS	50	Insert (Turning)
DNMG 000000PT	50	Insert (Turning)
DNMG 000000SU	50	Insert (Turning)
DNMG 000000TN-V	50	Insert (Turning)
DNMG 000000XP	50	Insert (Turning)
DNMG 000000XP-T	50	Insert (Turning)
DNMG 000000XQ	51	Insert (Turning)
DNMG 000000XS	51	Insert (Turning)
DNMG 000000ZS	51	Insert (Turning)
DNMG 000000TK	51	Insert (Turning)
DNMM 000000M	117	Insert (PCD)
DNMM 000000M-SE	117	Insert (PCD)
DNMN 000000S	106	Insert (CBN)
DNMX 000000	51	Insert (Turning)
DPET 000000%L-FSF	74	Insert (Turning)
DPET 000000F%L-USF	74	Insert (Turning)
DR12CR	399	Cartridge (Drill)
DR20CR	399	Cartridge (Drill)
DS 000	384	Insert (Drilling)

Description	Page	Name
DT-000	550	Spare Parts (Wrench)
<b>E</b>		
E000- SCLC%L000-00	220	Boring Bar (Carbide Shank)
E000- SCLP%L000-00	220	Boring Bar (Carbide Shank)
E000- STUP%L000-00	232	Boring Bar (Carbide Shank)
EGT 00-0	276	Toolholder (Grooving)
EL- SCLN%L000-0	220	Boring Bar (Excellent Bar)
ENG 000000	98	Insert (Ceramic)
<b>F</b>		
FGG%L 0000-00	275	Insert (Grooving) "CERACUT Plunge&Turn"
FH-2	550	Spare Parts (Wrench) Hexagon
FH-2.5	550	Spare Parts (Wrench) Hexagon
FMM 00-00	275	Insert (Grooving) "CERACUT Plunge&Turn"
FMN 0	275	Insert (Grooving) "CERACUT Plunge&Turn"
FT00	550	Spare Parts (Wrench)
FTK 0	275	Insert (Grooving) "CERACUT Cut-Off"
<b>G</b>		
GB 00%L000	264	Insert (Grooving)
GB 00%L000R	265	Insert (Grooving)
GBA 00%L000	116, 124, 265	Insert (Grooving)
GBA 00%L000MY	266	Insert (Grooving) "GBA-MY"
GBA 00%L000R	266	Insert (Grooving)
GE%L	267	Insert (Grooving)
GFV%L 0000-000(0)□	306	Toolholder (Grooving)
GFVS%L 0000-000(0)□	308	Toolholder (Grooving)
GFVS%L 0000-000AA	305	Toolholder (Grooving)
GFVT%L 0000-000(0)□	309	Toolholder (Grooving)
GFVT%L 0000-000AA	311	Toolholder (Grooving)
GG 000	103, 266	Insert (Grooving)
GH 0000-00	103, 267	Insert (Grooving)
GHU 00-00	267	Insert (Grooving)
GIFV%L 0000B-000□	317	Toolholder (Grooving)
GIV%L 0000-0□(□)	292	Toolholder (Grooving)
GIV%L 0000-0□E	292	Toolholder (Grooving)
GIV%L 0000-0□W	292	Toolholder (Grooving)
GMG 0000-00	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMG 0000-00MG	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMG 0000-00R	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMG 0000-00RU	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMGA 0000-00R	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-00	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-00MS	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-00R	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-00RU	272	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-MT	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-NB	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000%L-MT-sD	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000%L-TK-8D	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"
GMM 0000-TK	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"
GMN 0	116, 124, 274	Insert (Grooving) "CERACUT Plunge&Turn"
GMN 0-TK	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"

Description	Page	Name
GM%L 0-0D	274, 333	Insert (Grooving) "CERACUT Plunge&Turn"
GM%L 0-TK-8D	273, 332	Insert (Grooving) "CERACUT Plunge&Turn"
GOMT 000000ER-D	426	Insert (Milling)
GP-1	552	Spare Parts (Plug)
GP-2	552	Spare Parts (Plug)
GS 91-0	103, 267	Insert (Grooving)
GS-4090T%L W	532	Spare Parts (Screw)
GS-40TR	532	Spare Parts (Screw)
GS-50	532	Spare Parts (Screw)
GS-50S	532	Spare Parts (Screw)
GV%L 000□	124, 268	Insert (Grooving)
GV%L 000□R	268	Insert (Grooving)
GVF%L 000□	124, 275	Insert (Grooving)
GVF%L 000□R	275	Insert (Grooving)
GVF%L 000AA	275	Insert (Grooving)
<b>H</b>		
HC12	544	Spare Parts (Clamp)
HCB318	549	Spare Parts (Chipbreaker)
HCL-000	546	Spare Parts (Clamp)
HCL-017C	540	Spare Parts (Clamp)
HCLN%L 00-0□	149	Toolholder (Turning)
HDJN%L 00-0□	150	Toolholder (Turning)
HH000	532	Spare Parts (Bolt)
HRSN%L 00-0□	154	Toolholder (Turning)
HS000	533	Spare Parts (Screw)
HSB4X8%L	533	Spare Parts (Screw)
HSDNN 00-0□	155	Toolholder (Turning)
HSH655	537	Spare Parts (Shim)
HSH657	537	Spare Parts (Shim)
HSH661	533	Spare Parts (Shim)
HSH665A	537	Spare Parts (Shim)
HSRN%L 00-0□	157	Toolholder (Turning)
<b>I</b>		
ICSN433	537	Spare Parts (Shim)
ICSN453	537	Spare Parts (Shim)
IDSN433	537	Spare Parts (Shim)
IDSN453	537	Spare Parts (Shim)
IRSN43	537	Spare Parts (Shim)
IRSN45	537	Spare Parts (Shim)
ISSN433	537	Spare Parts (Shim)
ISSN453	537	Spare Parts (Shim)
ITSN323	537	Spare Parts (Shim)
ITSN333	537	Spare Parts (Shim)
ITSN432	537	Spare Parts (Shim)
IVSN322	537	Spare Parts (Shim)
IWSN432	537	Spare Parts (Shim)
<b>J</b>		
JCET 000000%L-FSF	74	Insert (Turning)
JCGT 000000%L-F	75	Insert (Turning)
JOMT 000000ER-D	426	Insert (Milling)

Description	Page	Name
<b>K</b>		
K○○□- SCLC%○○-○○H	220	Boring Bar (Strong Bar)
K○○□- SCLC%○○-○○-2/3H	220	Boring Bar (Strong Bar)
K○○□- SCLP%○○-○○	218	Boring Bar (Strong Bar)
K○○□- SCLP%○○-○○H	220	Boring Bar (Strong Bar)
K○○□- SCLP%○○-○○-2/3H	220	Boring Bar (Strong Bar)
K○○□- SDUC%○○-○○H	226	Boring Bar (Strong Bar)
K○○□- SDUC%○○-○○-2/3H	226	Boring Bar (Strong Bar)
K○○□- SDQC%○○-○○H	227	Boring Bar (Strong Bar)
K○○□- SDQC%○○-○○-2/3H	227	Boring Bar (Strong Bar)
K○○□- STUP%○○-○○	230	Boring Bar (Strong Bar)
K○○□- STUP%○○-○○H	232	Boring Bar (Strong Bar)
K○○□- STUP%○○-○○-2/3H	223	Boring Bar (Strong Bar)
K○○□- SWUP%□s	246	Boring Bar (Strong Bar)
KCB ○.○○○-○.○○○	521	Endmill (Countersinking)
KCD- ○○○○	405	Drill "Cera-Drill"
KCD1-C	542	Spare Parts (Cartridge)
KCD- ○○○○C	405	Drill "Cera-Drill"
KCG ○○○%□	103, 269	Insert (Grooving)
KCG ○○○%□	116	Insert (CBN)
KCGP ○○○%□	269	Insert (Grooving)
KCGP-MY○○○%□	269	Insert (Grooving)
KCGDP ○○○%□	269	Insert (Grooving)
KCFP ○○○%□	269	Insert (Grooving)
KCRP ○○○%□	269	Insert (Grooving)
KCS ○○○-○○D	526	Endmill (Chamfering)
KCT ○%□	350	Insert (Threading)
KCTK ○%□	350	Insert (Threading)
KCTP ○%□	350	Insert (Threading)
KD- ○○○○	404	Drill "Cera-Drill"
KDB ○○-○	276	Toolholder (Grooving)
KFMS%□ ○○-○-○○○○○○○	313	Toolholder (Grooving) "CERACUT Plunge&Turn"
KFMS%□ ○○○○□□(○)○○(○)-○	313	Toolholder (Grooving) "CERACUT Plunge&Turn"
KFMS%□ ○○○○□□(○)○○(○)-8	315	Toolholder (Grooving) "CERACUT Plunge&Turn"
KFTB%□ ○○○○□○○○○○-○S	316	Blade (Grooving) "CERACUT Cut-Off"
KGB%□ ○○○○□-○○	277	Toolholder (Grooving)
KGB%□ ○○○○□22-○○	277	Toolholder (Grooving)
KGBA%□ ○○-○	278	Toolholder (Grooving)
KGBA%□ ○○-○-○○	278	Toolholder (Grooving)
KGBA%□ ○○○○□-○○	278	Toolholder (Grooving)
KGBA%□ ○○○○□22-○○	278	Toolholder (Grooving)
KGBAS%□ ○○○○□-○○	278	Toolholder (Grooving)
KGBAS%□ ○○○○□22-○○	278	Toolholder (Grooving)
KGBS%□ ○○○○□-○○	277	Toolholder (Grooving)
KGBS%□ ○○○○□22-○○	277	Toolholder (Grooving)
KGH%□ ○○-○	280	Toolholder (Grooving)
KGH%□ ○○○○□-○(○)	280	Toolholder (Grooving)
KGHS ○○-○	280	Toolholder (Grooving)
KGIA ○○-○	294	Toolholder (Grooving)
KGM%□ ○-○-○	284, 342	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○-○	285	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○-○T	286, 343	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○○○□-○	285, 342	Toolholder (Grooving) "CERACUT Plunge&Turn"

Description	Page	Name
KGM%□ ○○○○□-○T○○	286, 343	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○○○□-○-○○○	284, 342	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGMM%□ ○○○○□-○	288	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGMS%□ ○○○○□-○	289	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGMU%□ ○○○○□	290	Toolholder (Grooving) "CERACUT Plunge&Turn"
KIGBA%□ ○○-○	295	Toolholder (Grooving)
KIGBA%□ ○○○○-○○	295	Toolholder (Grooving)
KIGH%□ ○○-○	296	Toolholder (Grooving)
KIGM%□ ○○○○B-○	298	Toolholder (Grooving) "CERACUT Plunge&Turn"
KIGMU%□ ○○○○B-○	298	Toolholder (Grooving) "CERACUT Plunge&Turn"
KIGM-V%□ ○○-○	298	Toolholder (Grooving)
KITG%□ ○○○○T	364	Toolholder (Threading)
KKC%□ ○○-○	281, 356	Toolholder (Grooving / Threading)
KKC%□ ○○○○□-○-○○○	281, 356	Toolholder (Grooving / Threading)
KKCE%□ ○○-○	312	Toolholder (Grooving)
KNMX ○○○○○○%□-1	51	Insert (Turning)
KPS-42	537	Spare Parts (Shim)
KPT-32	537	Spare Parts (Shim)
KPT-42	537	Spare Parts (Shim)
KSD- ○○○○	403	Drill "Cera-Drill"
KSTB%□ ○○-○S	201	Toolholder (Small Tools)
KTKB ○○-○S	340	Blade (Cutting-Off) "CERACUT Cut-Off"
KTKB ○○-○SS	340	Blade (Cutting-Off) "CERACUT Cut-Off"
KTKB%□ ○○-○S	340	Blade (Cutting-Off) "CERACUT Cut-Off"
KTGF%□ ○○○○□-○○	283	Toolholder (Grooving)
KTKF%□ ○○○○□-○○	337	Toolholder (Small Dia. Cutting-Off)
KTKH%□ ○○○○□-○-○○○B	339	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○-○-○S	339	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○-○S	339	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○○○□-○-○○○S	339	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○○○□-○S	339	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○○○□-○T○○○S	339	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKTB ○○-○○	341	Toolblock (Cutting-Off) "CERACUT Cut-Off"
KTKTBF ○○-○○	341	Toolblock (Cutting-Off) "CERACUT Cut-Off"
KTN%□ ○○-○	357	Toolholder (Threading)
KTN%□ ○○○○□-○○	357	Toolholder (Threading)
KTNS%□ ○○○○□-○○	357	Toolholder (Threading)
KTT%□ ○○○○□-○○	358	Toolholder (Threading)
KTTX%□ ○○○○□-○○F	358	Toolholder (Threading)
KVN-32	538	Spare Parts (Shim)
<b>L</b>		
LC-○○	538	Spare Parts (Shim)
LD-○○	538	Spare Parts (Shim)
LGBA-16%□S	547	Spare Parts (Clamp Set)
LGBA-22%□S	547	Spare Parts (Clamp Set)
LL-○○	548	Spare Parts (Lock Pin)
LNG(N) ○○○○○○TN	103, 434	Insert (Milling)
LNU ○○○○○○	103	Insert (Ceramic)
LP-2S	548	Spare Parts (Lock Pin)
LP-6S	548	Spare Parts (Lock Pin)
LPA-○○	548	Spare Parts (Anchor Pin)
LPF-○○	548	Spare Parts (Anchor Pin)
LR-10C	548	Spare Parts (Shim)

Description	Page	Name
LR-12C	538	Spare Parts (Shim)
LR-16C	538	Spare Parts (Shim)
LS-03	533	Spare Parts (Lock Screw)
LS-03S	533	Spare Parts (Lock Screw)
LS-05	533	Spare Parts (Lock Screw)
LS-○○○	534	Spare Parts (Lock Screw)
LS-32	538	Spare Parts (Shim)
LS-42	538	Spare Parts (Shim)
LSD-445R	542	Spare Parts (Locator)
LSE-445R	542	Spare Parts (Locator)
LSO-445R	542	Spare Parts (Locator)
LSP-1	548	Spare Parts (Shim Pin)
LSP-2	548	Spare Parts (Shim Pin)
LSP-3	548	Spare Parts (Shim Pin)
LSP-4	548	Spare Parts (Shim Pin)
LSP-415R	542	Spare Parts (Locator)
LT-32	538	Spare Parts (Shim)
LT-42	538	Spare Parts (Shim)
LTE-490R	542	Spare Parts (Locator)
LTK-5	551	Spare Parts (Wrench)
LTW-10S	550	Spare Parts (Wrench) Hexagon
LTW-15S	550	Spare Parts (Wrench) Hexagon
LTW-20	550	Spare Parts (Wrench) Hexagon
LW-○○○	550	Spare Parts (Wrench) Hexagon
LW-32	538	Spare Parts (Shim)
LW-42	538	Spare Parts (Shim)
LW-094	550	Spare Parts (Wrench) Hexagon
LW-125	550	Spare Parts (Wrench) Hexagon
LW-156	550	Spare Parts (Wrench) Hexagon
LW-42 <sup>PL</sup>	538	Spare Parts (Shim)
<b>M</b>		
M3X 8	534	Spare Parts (Screw)
M3X12	534	Spare Parts (Screw)
M4X10	534	Spare Parts (Screw)
MAP ○○○R○○-S○○○	469	Endmill
MCLN <sup>PL</sup> ○○-□	133	Toolholder (Turning)
MDJN <sup>PL</sup> ○○-□	135	Toolholder (Turning)
MCSE ○○○	527	Endmill (Chamfering)
MEA ○○-S○○	471	Endmill "Hurricane"
MEA ○○-S○○-○○○	471	Endmill "Hurricane"
MEAL ○○-S○○	484	Endmill "Hurricane"
MEB ○○-S○○	471	Endmill "Hurricane"
MEC ○○○R	450	Facemill "Ultra H'Cane"
MEC ○○-S	474	Endmill.."Ultra H'cane"
MECH	479,480	Helical Endmill
MECX	452	Facemill
MECX	487	Endmill
MEF ○○-S○○	521	Endmill (Countersinking)
METS ○○-S○○	523	Endmill (T-Slotting)
MEY ○○-S○○	502	Endmill (3-D) "Ultra Drill Mill"
MEY ○○○-S○○○HG	502	Endmill (3-D) "Ultra Drill Mill"
MEZ ○○-S○○G	507	Endmill (3-D) "Drill Mill Silver"
MEZ ○○-S○○-○○○G	506	Endmill (3-D) "Drill Mill Silver"

Description	Page	Name
MEZ ○○○-S○○○HG	507	Endmill (3-D) "Drill Mill Silver"
MEZ ○○-S○○-○○○HG	507	Endmill (3-D) "Drill Mill Silver"
MGI ○○○○-1□	529	Endmill (Grooving for M/C)
MHD ○○-○RF	519	Front Piece "Radius Plus Mill"
MHD ○○-BT50-A	493	Endmill (Helical) "Plus Mill"
MHD ○○-BT50-SA	495	Endmill (Helical) "Plus Mill"
MHD ○○-F	492, 496	Front Piece "Plus Mill"
MHD ○○-FMA-A	493	Endmill (Helical) "Plus Mill"
MHD ○○-FMA-SA	494	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-ORSA	518	Endmill (Helical) "Radius Plus Mill"
MHD ○○-S○○-A	489	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-A-○○○	4859	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-B	490	Endmill (Helical) "Plus Mill"
MHD ○○○-S○○○-C	490	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-C	490	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-SA	491	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-SB	491	Endmill (Helical) "Plus Mill"
MRD ○○○○	518	Endmill (Radius)
MRF ○○-S○○	510	Endmill (Ball-Nose)
MRF ○○-S○○-○○○	510	Endmill (Ball-Nose)
MRFW ○○-S○○	510	Endmill (Ball-Nose)
MRFW ○○-S○○-○○○	510	Endmill (Ball-Nose)
MRP ○○○R-○○	462	Face Mill (Radius) "Radius Mill"
MRP ○○○R-○○-○T	462	Face Mill (Radius) "Radius Mill"
MRP ○○○-S○○-○○	514	Endmill (Radius) "Radius Mill"
MRZ ○○-C○○○	513	Endmill (Ball-Nose)
MRZ ○○-S○○	513	Endmill (Ball-Nose)
MRZ ○○-S○○-○○○	513	Endmill (Ball-Nose)
MS01-02	534	Spare Parts (Screw)
MSD 45○○	436	Face Mill (with Shank)
MSD 45○○-32	436	Face Mill (with Shank)
MSD 45○○○R	436	Face Mill
MSD-42	538	Spare Parts (Shim)
MSE 15○○	446	Face Mill (with Shank)
MSE 45○○	438	Face Mill (with Shank)
MSE 45○○-32	438	Face Mill (with Shank)
MSE 45○○○R	438	Face Mill
MSE-4215	537	Spare Parts (Shim)
MSE-4245	538	Spare Parts (Shim)
MSM ○○○	453	Face Mill "Hurricane"
MSO 45○○○R	442	Face Mill "Hurricane"
MSO 45○○○R-09	440	Face Mill "Hurricane"
MSO 45○○○R-E	442	Face Mill "Hurricane"
MSO 45○○-S	442	Face Mill (with Shank) "Hurricane"
MSO 45○○-S32-09	440	Face Mill (with Shank) "Hurricane"
MSO 90○○○R-○○	455	Face Mill "Square Mill"
MSO 90○○-S32-○○	455	Face Mill (with Shank) "Square Mill"
MSO-4T245	539	Spare Parts (Shim)
MSP 15○○	447	Face Mill (with Shank)
MSP 15○○○R	447	Face Mill
MSP-42	539	Spare Parts (Shim)
MSR ○○○	457	Face Mill
MSSN <sup>PL</sup> ○○-□	140	Toolholder (Turning)
MTE 90○○	459	Face Mill (with Shank)

Description	Page	Name
MTE 9000-32	459	Face Mill (with Shank)
MTE 9000OR	459	Face Mill
MTE-42	535	Spare Parts (Shim)
MTES 000	486	Endmill
MTGN% 00-0□	142	Toolholder (Turning)
MTP 45000-00W	444, 516	Endmill (Chamfering)
MTP 9000	461	Face Mill (with Shank)
MTP 90000-000W	461	Endmill
MTP 90000-R8	461	Endmill
MTPS 000	482	Endmill
MVG 0000	530	Endmill (Grooving for M/C)
MVJN% 00-0□	144	Toolholder (Turning)
MVLN% 0000□-00	144	Toolholder (Turning)
MVN-32	539	Spare Parts (Shim)
MVNN 0000□-00	145	Toolholder (Turning)
MWLN% 00-0□	146	Toolholder (Turning)
<b>N</b>		
NDC 000-TR	427	Insert (Milling)
NDCT 000000FR	427	Insert (Milling)
NDCT 000000TR	427	Insert (Milling)
NDCW 000000FRX	123, 435	Insert (Milling)
NDKT 000000ER-NO	427	Insert (Milling)
NDKT 000000ER-V	427	Insert (Milling)
NDKT 000000TR	427	Insert (Milling)
NDKT 000000TR-V	427	Insert (Milling)
NDKW 000000ER	427	Insert (Milling)
NDKW 000000TR	427	Insert (Milling)
NDMM 000000ER-NO	428	Insert (Milling)
NDMM 000000ER-SP	428	Insert (Milling)
NDMM 000000ER-T	427	Insert (Milling)
NDMT 000000ER-D	428	Insert (Milling)
NDMT 000000ER-DH	428	Insert (Milling)
NEMT 000000ER-D	428	Insert (Milling)
NEMT 000000ER-DH	428	Insert (Milling)
NL34L	549	Spare Parts (Lock Pin)
NL46	549	Spare Parts (Lock Pin)
NL46L	549	Spare Parts (Lock Pin)
<b>O</b>		
OFMT	428	Insert (Milling)
<b>P</b>		
P-03	549	Spare Parts (Shim Pin)
P-03S	549	Spare Parts (Shim Pin)
PC-1	552	Spare Parts (Punch)
PC-2	552	Spare Parts (Punch)
PCLN% 00-0	134	Toolholder (Turning)
PCLN% 0000□-00	134	Toolholder (Turning)
PCLN% 0000B-00	223	Boring Bar (Steel Bar)
PCLN% 0000B-00H	223	Boring Bar (Steel Bar)
PDHN% 0000□-00	136	Toolholder (Turning)
PDJN% 00-0	136	Toolholder (Turning)
PDJN% 0000□-00	136	Toolholder (Turning)

Description	Page	Name
PDJN% 0000□-00U	136	Toolholder (Turning)
PDUN% 0000B-00	228	Boring Bar (Steel Bar)
PDUN% 0000B-00H	228	Boring Bar (Steel Bar)
PH- 0000	253	Sleeve (for MicroBar)
PH 0000-00	217, 253	Sleeve (for MicroBar)
PH 00-0MM	217, 253	Sleeve (for MicroBar)
PRGC% 0000□-00	138	Toolholder (Turning)
PRGC% 0000□-00BE	147	Toolholder (Turning)
PRGC% 0000□-00BF	147	Toolholder (Turning)
PRGN% 0000□-00	137	Toolholder (Turning)
PRXC% 0000□-00	138	Toolholder (Turning)
PSB% 0000-00NBS	94, 116, 125	MicroBar (Boring)
PSB% 0000-00S	94, 216	MicroBar (Boring)
PSBN% 0000□-00	139	Toolholder (Turning)
PSBT% 0000-00S	94, 216	MicroBar (Boring)
PSDNN 0000□-00	139	Toolholder (Turning)
PSFG% 0000□-00S	95, 319	MicroBar (Grooving)
PSG% 000MB-000S	301	MicroBar (Grooving)
PSG% 0000-00S	94, 300	MicroBar (Grooving)
PSKN% 0000□-00	139	Toolholder (Turning)
PSSN% 0000□-00	140	Toolholder (Turning)
PST% 0000-00S	95, 365	MicroBar (Threading)
PTFN% 00-0	141	Toolholder (Turning)
PTFN% 0000□-00	141	Toolholder (Turning)
PTGN% 00-0	142	Toolholder (Turning)
PTGN% 0000□-00	142	Toolholder (Turning)
PTP3	539	Spare Parts (Shim)
PTP4	539	Spare Parts (Shim)
PTUN% 0000B-00	238	Boring Bar (Steel Bar)
PTUN% 0000B-00H	238	Boring Bar (Steel Bar)
PVLN% 0000□-00Q	144	Toolholder (Turning)
PVPN% 0000□-00Q	145	Toolholder (Turning)
PVNN 0000□-00Q	145	Toolholder (Turning)
PWLN% 00-0	146	Toolholder (Turning)
PWLN% 0000□-00	146	Toolholder (Turning)
PWLN% 0000B-00	247	Boring Bar (Steel Bar)
PWLN% 0000B-00H	247	Boring Bar (Steel Bar)
<b>R</b>		
RBG 00W	102	Insert (Ceramic)
RCGT 00ER	428	Insert (Milling)
RCGX 000000	102	Insert (Turning)
RCGX 000000T00000	102	Insert (Ceramic)
RCGX 0000M0-AQ	75	Insert (Turning)
RCMA 00000T00	102	Insert (Ceramic)
RCMT 0000M0-BB	75	Insert (Turning)
RCMX 0000M0	75	Insert (Turning)
RDCB 63	428	Insert (Milling)
RDFG 00FR	428	Insert (Milling)
RDMT 0000M0-H	428	Insert (Milling)
RNG 000000	52	Insert (Turning)
RNG 000000-T00	98	Insert (Ceramic)
RNGN 000000T00000	98	Insert (Turning)
RNMA 000	52, 428	Insert (Turning, Milling)

Description	Page	Name
RNMG ○○○○○○	52	Insert (Turning)
RNMN ○○○○○○	106	Insert (CBN)
RNMN ○○○○○○S	106	Insert (CBN)
RPMT ○○○○○○	429	Insert (Milling)
RPMT ○○○○○○M0	429	Insert (Milling)
RPMT ○○○○○○M0-H	429	Insert (Milling)
RPMT ○○○○M0-BB	75	Insert (Turning)
<b>S</b>		
S-7	551	Spare Parts (Spanner)
S-34	534	Spare Parts (Screw)
S-46	534	Spare Parts (Screw)
S-440	534	Spare Parts (Screw)
S-832	534	Spare Parts (Screw)
S-KTTX%○○-○○	359	Toolholder (Threading)
SOO□- CCLN%○○-○○A	251	Boring Bar (Steel Bar)
SOO□- CELN%○○-○○	249	Boring Bar (Steel Bar)
SOO□- CSKN%○○-○○	249	Boring Bar (Steel Bar)
SOO□- CSKN%○○-○○A	251	Boring Bar (Steel Bar)
SOO□- CSKP%○○-○○	229	Boring Bar (Steel Bar)
SOO□- CTUC%○○-○○	250	Boring Bar (Steel Bar)
SOO□- CTUN%○○-○○A	252	Boring Bar (Steel Bar)
SOO□- CTUP%○○-○○	237	Boring Bar (Steel Bar)
SOO□- KTGFL00	283	Sleeve Holder Tool
SOO□- KTTXL00	359	Sleeve Holder Tool
SOO□- PCLN%○○-○○	223	Boring Bar (Steel Bar)
SOO□- PDUN%○○-○○	228	Boring Bar (Steel Bar)
SOO□- PTUN%○○-○○	238	Boring Bar (Steel Bar)
SOO□- PWLN%○○-○○	247	Boring Bar (Steel Bar)
SOO□- SCLC00	197	Small Tool
SOO□- SDUC00	198	Small Tool
SOO□- SDLC00	199	Small Tool
SOO□- SVUC00	200	Small Tool
SOO□- SCLC%○○-○○	218	Boring Bar (Steel Bar)
SOO□- SCLC%○○-○○E	218, 221	Boring Bar (Excellent Bar)
SOO□- SCLP%○○-○○	218	Boring Bar (Steel Bar)
SOO□- SCLP%○○-○○E	218	Boring Bar (Excellent Bar)
SOO□- SDUC%○○-○○	224	Boring Bar (Steel Bar)
SOO□- SDUC%○○-○○E	224	Boring Bar (Excellent Bar)
SOO□- SDZC%○○-○○	224	Boring Bar (Steel Bar)
SOO□- SDZC%○○-○○E	224	Boring Bar (Excellent Bar)
SOO□- SIN%○	362	Tool Holder (Threading)
SOO□- SSKP%○○-○○	229	Boring Bar (Steel Bar)
SOO□- STUB%○○-○○	230	Boring Bar (Steel Bar)
SOO□- STUB%○○-○○E	230	Boring Bar (Excellent Bar)
SOO□- STUP%○○-○○	230	Boring Bar (Steel Bar)
SOO□- STUP%○○-○○E	230	Boring Bar (Excellent Bar)
SOO□- STWP%○○-○○	235, 363	Toolholder (Boring/Threading)
SOO□- STWP%○○-○○E	235, 363	Toolholder (Boring/Threading)
SOO□- SVJB%○	239	Boring Bar (Steel Bar)
SOO□- SVJB%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVJC%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVJP%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVN%○○	214	Swiss IQ Bar

Description	Page	Name
SOO□- SVN%○○S	214	Swiss IQ Bar
SOO□- SVN%○○ON	214	Swiss IQ Bar
SOO□- SVN%○○SN	214	Swiss IQ Bar
SOO□- SVN%○○XN	215	Swiss IQ Bar
SOO□- SVPB%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVPC%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVUB%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVUC%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVZB%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SVZC%○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SWUB%○○-○○	244	Boring Bar (Steel Bar)
SOO□- SWUB%○○-○○-○○	244	Boring Bar (Steel Bar)
SOO□- SWUB%○○-○○E	244	Boring Bar (Excellent Bar)
SOO□- SWUP%○○-○○E	244	Boring Bar (Excellent Bar)
SOO□- SYXP%○○-○○E	238	Boring Bar (Excellent Bar)
SOO□- WWLN%○○-○○	246	Boring Bar (Steel Bar)
SOO□- WWLN%○○-○○E	246	Boring Bar (Excellent Bar)
SOO- DR000000	386	Drill "Magic Drill Mini"
SOO- DRZ00000(O)-○○	388-398	Drill "Magic Drill"
SOO- DRZ00000-○○CR	399	Drill "Magic Drill"
SABS%○-○	178	Toolholder (Turning) "Small Tools"
SABS%○ ○○○○□-○○F	178	Toolholder (Turning) "Small Tools"
SABW%○-○	179, 180	Toolholder (Turning) "Small Tools"
SABW%○ ○○○○□-○○F	179, 180	Toolholder (Turning) "Small Tools"
SB-○○○	530	Spare Parts (Screw)
SC-○○○67	531	Spare Parts (Screw)
SCAC%○-○	183	Toolholder (Turning) "Small Tools"
SCAC%○ ○○○○□-○○	183	Toolholder (Turning) "Small Tools"
SCGC%○ ○○	183	Toolholder (Turning) "Small Tools"
SCLC%○ ○○	182	Toolholder (Turning) "Small Tools"
SCLC%○ ○○○○□-○○	182	Toolholder (Turning) "Small Tools"
SCLC%○ ○○○○B-○○	219	Boring Bar (Steel Bar)
SCLC%○ ○○○○B-○○E	219	Boring Bar (Excellent Bar)
SCLC%○ ○○○○B-○○EH	221	Boring Bar (Excellent Bar)
SCLC%○ ○○○○B-○○OW	219	Boring Bar (Carbide Shank Bar)
SCLC%○ ○○○○B-○○WH	221	Boring Bar (Carbide Shank Bar)
SCLC%○ ○○B-○○W-AS	222	Boring Bar (Carbide Shank Bar)
SCLP%○ ○○○○B-○○	219	Boring Bar (Steel Bar)
SCLP%○ ○○○○B-○○E	219	Boring Bar (Excellent Bar)
SCLP%○ ○○○○B-○○EH	221	Boring Bar (Excellent Bar)
SCLP%○ ○○○○B-○○OW	219	Boring Bar (Carbide Shank Bar)
SCLP%○ ○○○○B-○○WH	221	Boring Bar (Carbide Shank Bar)
SCMT ○○○○○○HQ	76	Insert (Turning)
SCRO○○	535	Spare Parts (Screw)
SDC ○○○○AUTN	431	Insert (Milling)
SDJC%○-○	185	Toolholder (Turning) "Small Tools"
SDJC%○ ○○○○□-○○	185	Toolholder (Turning) "Small Tools"
SDJC%○ ○○○○□-○○F	185	Toolholder (Turning) "Small Tools"
SCGC%○ ○○	183	Toolholder (Turning) "Small Tools"
SDK(N) ○○○○AUFN	123, 435	Insert (Milling)
SDK(N) ○○○○AUTN	431	Insert (Milling)
SDKR ○○○○AUEN-S	431	Insert (Milling)
SDKW ○○○○○○FN	429	Insert (Milling)
SDKW ○○○○○○TN	429	Insert (Milling)

Description	Page	Name
SDLC%L OOOO□-OOFF	186	Toolholder (Turning) "Small Tools"
SDLP%L OOOO□-OOF	189	Toolholder (Turning) "Small Tools"
SDMR OOOOAUER-H	431	Insert (Milling)
SDMT OOOOOC	429	Insert (Milling)
SDMT OOOOE-K	429	Insert (Milling)
SDNCN O-O	188	Toolholder (Turning) "Small Tools"
SDNCN OOOO□-OO	188	Toolholder (Turning) "Small Tools"
SDNC%L OOOO□-OOF	188	Toolholder (Turning) "Small Tools"
SDUC%L OOOOB-OO	225	Boring Bar (Steel Bar)
SDUC%L OOOOB-OOE	225	Boring Bar (Excellent Bar)
SDUC%L OOOOB-OOW	225	Boring Bar (Carbide Shank Bar)
SDXC%L OOOO□-OO	189	Toolholder (Turning) "Small Tools"
SDZC%L OOOOB-OO	225	Boring Bar (Steel Bar)
SDZC%L OOOOB-OOE	225	Boring Bar (Excellent Bar)
SE-40120TR	534	Spare Parts (Screw)
SE-50125TR	535	Spare Parts (Screw)
SEC(N) OOOOOO	431	Insert (Milling)
SEEN OOOOAFN	123, 435	Insert (Milling)
SEEN OOOOAFN	431	Insert (Milling)
SEEN OOOOEFTR	431	Insert (Milling)
SEG(N) OOOOOO	435	Insert (Milling)
SEKN OOOOAFN	431	Insert (Milling)
SEKN OOOOAFN	431	Insert (Milling)
SEKN OOOOAGTN	431	Insert (Milling)
SEKN OOOOEFTR	431	Insert (Milling)
SEKR OOOOAFEN-S	431	Insert (Milling)
SEKR OOOOAGEN-S	431	Insert (Milling)
SEKT OOOOAFEN-S	430	Insert (Milling)
SEKW OOOOAFN	430	Insert (Milling)
SEMM OOOOOOPESR	429	Insert (Milling)
SEMR OOOOAFER-H	431	Insert (Milling)
SEMT OOOOOC	429	Insert (Milling)
SH 3X6	531	Spare Parts (Screw)
SH 3X8	531	Spare Parts (Screw)
SH OOOO-OOO	253, 222	Sleeve (for Boring Bar)
SHC OOOO-OO	253	Coolant Sleeve (for Boring Bar)
SHC63	431	Insert (Milling)
SHE OOOO-OO	400	Sleeve (for Magic Drill)
SHEM OOOO-OO	387	Sleeve (for Magic Drill Mini)
SI- CTUP%L OO-O	237	Boring Bar (Steel Bar)
SI- GIV%L OO-OO	292	Toolholder (Grooving)
SI- PCLN%L OO-O	223	Boring Bar (Steel Bar)
SI- SCLN%L OO-O	219	Boring Bar (Steel Bar)
SI- SDUN%L OO-O	225	Boring Bar (Steel Bar)
SI- SDZC%L OO-O	225	Boring Bar (Steel Bar)
SI- SIT%L OO-O	235	Toolholder (Boring/Threading)
SI- STUN%L OO-O	231	Boring Bar (Steel Bar)
SI- SVJN%L OO-O	240	Boring Bar (Steel Bar)
SI- SWUN%L OO-O	245	Boring Bar (Steel Bar)
SIGE-EH%L	299	Toolholder (Grooving)
SIN%L OOOOS-OO	362	Toolholder (Threading)
SIN%L OOOOS-OOE	362	Toolholder (Threading)
SIT%L OOOO-OO	235	Toolholder (Boring/Threading)
SJS-	254	Coolant Joint (for Boring Bar)

Description	Page	Name
SKC-2	535	Spare Parts (Bolt)
SKC-3	535	Spare Parts (Bolt)
SL-1	253	Sleeve
SL-2	253	Sleeve
SL-2.5-10	253	Sleeve
SMK	432	Insert (Milling)
SNC(N) OOLO	432	Insert (Milling)
SNC(N) OOOOXNTN	432	Insert (Milling)
SNGA OOOOOO	54	Insert (Turning)
SNGA OOOOOOME-T	106	Insert (CBN)
SNGA OOOOOOS2E	106	Insert (CBN)
SNGA OOOOOOTOOOO	99	Insert (Ceramic)
SNGG OOOOOO%L-25R	54	Insert (Turning)
SNGG OOOOOO%L-B/C	54	Insert (Turning)
SNGG OOOOOO%L-Y	54	Insert (Turning)
SNG(N) OOOOOO	53	Insert (Turning)
SNG(N) OOOOOO-TOO	98	Insert (Ceramic)
SNG(N) OOOOOOTOOOO	99	Insert (Ceramic)
SNGX OOOOOOTOOOO	99	Insert (Ceramic)
SNK	432	Insert (Milling)
SNKN OOOOXNTN	432	Insert (Milling)
SNM OOOOOO	53	Insert (Turning)
SNMA OOOOOO	54	Insert (Turning)
SNMA OOOOOO-TOO	99	Insert (Ceramic)
SNMF OOOOOO	56	Insert (Turning)
SNMF OOOOXNTN	432	Insert (Milling)
SNMG OOOOOO	54	Insert (Turning)
SNMG OOOOOOC	54	Insert (Turning)
SNMG OOOOOOGC	54	Insert (Turning)
SNMG OOOOOOHK	54	Insert (Turning)
SNMG OOOOOOHQ	55	Insert (Turning)
SNMG OOOOOOHS	55	Insert (Turning)
SNMG OOOOOOHT	55	Insert (Turning)
SNMG OOOOOOMS	55	Insert (Turning)
SNMG OOOOOOPS	55	Insert (Turning)
SNMG OOOOOOPT	55	Insert (Turning)
SNMG OOOOOOPX	55	Insert (Turning)
SNMG OOOOOOXQ	55	Insert (Turning)
SNMG OOOOOOXS	55	Insert (Turning)
SNMG OOOOOOZS	55	Insert (Turning)
SNMM OOOOOOHX	55	Insert (Turning)
SNMN OOOOOOS	99	Insert (Ceramic)
SNM OOOOOO	106	Insert (CBN)
SOKN 13T3AXFN	432	Insert (Milling)
SOKN 13T3AXTN	432	Insert (Milling)
SOKR 13T3AXEN-J	432	Insert (Milling)
SOMT 0903AXEN-J	430	Insert (Milling)
SOMW 0903AXFN	430	Insert (Milling)
SOMW 0903AXTN	430	Insert (Turning)
SP-5	552	Spare Parts (Spring)
SP-6	552	Spare Parts (Spring)
SP-8	552	Spare Parts (Spring)
SP3X6	536	Spare Parts (Screw)
SP3X8	536	Spare Parts (Screw)

Description	Page	Name
SP3X10	536	Spare Parts (Screw)
SP-129	539	Spare Parts (Shim)
SPC ○○○○EDT%L	433	Insert (Milling)
SPC ○○○○EET%Ls	433	Insert (Milling)
SPC ○○○○XPT%L	433	Insert (Milling)
SPGH ○○○○○○%L	76	Insert (Turning)
SPG ○○○	119	Insert (PCD)
SPG ○○○	432	Insert (Milling)
SPG ○○○○○○	76, 435	Insert (Turning, Milling)
SPGN ○○○○○○ME-T	112	Insert (CBN)
SPG ○○○T○○○	101	Insert (Ceramic)
SPGR ○○○○○○%L	77	Insert (Turning)
SPK ○○○○EDF%L	433	Insert (Milling)
SPK ○○○○EDT%L	433	Insert (Milling)
SPK ○○○○XET%L	433	Insert (Milling)
SPK ○○○○XPF%L	433	Insert (Milling)
SPK ○○○○XPT%L	433	Insert (Milling)
SPKR ○○○○EDER-S	433	Insert (Milling)
SPM ○○○○○○	76	Insert (Turning)
SPM ○○○	433	Insert (Milling)
SPMR ○○○○○○	77	Insert (Turning)
SPMR ○○○○○○G	77	Insert (Turning)
SPMR ○○○○EDER-H	433	Insert (Milling)
SPMT ○○○○○○E-Z	429	Insert (Milling)
SP-RC	543	Spare Parts (Shim)
SPU ○○○○○○	76, 433	Insert (Turning, Milling)
SRCP%L ○○○○B-○○-A○○	248	Boring Bar (Steel Bar)
SSKP%L ○○○○B-○○	229	Boring Bar (Steel Bar)
STGC%L ○-○	190	Toolholder (Turning) "Small Tools"
STGC%L ○○○○□-○○	190	Toolholder (Turning) "Small Tools"
STGO%L ○○-○	190	See STGC%L
STGP%L ○○○○□-○○	190	Toolholder (Turning) "Small Tools"
STUB%L ○○○○B-○○	231	Boring Bar (Steel Bar)
STUB%L ○○○○B-○○E	231	Boring Bar (Excellent Bar)
STUB%L ○○○○B-○○W	231	Boring Bar (Carbide Shank Bar)
STUP%L ○○○○B-○○	231	Boring Bar (Steel Bar)
STUP%L ○○○○B-○○E	231	Boring Bar (Excellent Bar)
STUP%L ○○○○B-○○EH	233	Boring Bar (Excellent Bar)
STUP%L ○○○○B-○○W	231	Boring Bar (Carbide Shank Bar)
STUP%L ○○○○B-○○WH	233	Boring Bar (Carbide Shank Bar)
STUP%L ○○B-○○W-AS	234	Boring Bar (Carbide Shank Bar)
STVP%L ○○-○	360	Toolholder (Threading)
STXB%L ○○○○○○B-○○W	236	Boring Bar (Carbide Shank Bar)
STXP%L ○○○○○○B-○○W	236	Boring Bar (Carbide Shank Bar)
STZB%L ○○○○○○B-○○W	236	Boring Bar (Carbide Shank Bar)
SVJB%L ○-○	193	Toolholder (Turning) "Small Tools"
SVJB%L ○○○○□-○○	193	Toolholder (Turning) "Small Tools"
SVJB%L ○○○○□-○○F	193	Toolholder (Turning) "Small Tools"
SVJB%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVJC%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVJO%L ○○-○	240	See SVJC%L
SVJP%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVLP%L ○○○○□-○○F	194	Toolholder (Turning) "Small Tools"
SVLP%L ○○OFF	195	Toolholder (Turning) "Small Tools"

Description	Page	Name
SVPP%L ○○OFF	195	Toolholder (Turning) "Small Tools"
SVN-32	540	Spare Parts (Shim)
SVN%L ○○○○□-○○	213	Toolholder (Swiss IQ)
SVNS%L ○○-○○-○○	213	Toolholder (Swiss IQ)
SVNS%L ○○○○□-○○	213	Toolholder (Swiss IQ)
SVNS%L ○○○○□-○○-○○N	213	Toolholder (Swiss IQ)
SVNS%L ○○○○□-○○-○○XN	213	Toolholder (Swiss IQ)
SVPB%L ○○○○□-○○	194	Toolholder (Turning) "Small Tools"
SVPP%L ○○○○□-○○	194	Toolholder (Turning) "Small Tools"
SVQB%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVQC%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVUB%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVUC%L ○○○○B-○○E	240	Boring Bar (Excellent Bar)
SVBN ○○○○□-○○	192	Toolholder (Turning) "Small Tools"
SWLO%L ○○-○	196	See SWLP%L
SWLP%L ○-○	196	Toolholder (Turning) "Small Tools"
SWUB%L ○○○○B-○○	245	Boring Bar (Steel Bar)
SWUB%L ○○○○B-○○-○○	245	Boring Bar (Steel Bar)
SWUB%L ○○○○B-○○E	245	Boring Bar (Excellent Bar)
SWUB%L ○○○○B-○○	245	Boring Bar (Carbide Shank Bar)
SWUB%L ○○B-○○W-AS	243	Boring Bar (Carbide Shank Bar)
SWUP%L ○○○○B-○○E	245	Boring Bar (Excellent Bar)
SWUP%L ○○○○B-○○	245	Boring Bar (Carbide Shank Bar)
SYXP%L ○○○○□-○○F	196	Toolholder (Turning) "Small Tools"
<b>T</b>		
T33AH	549	Spare Parts (Chipbreaker)
TBG ○○○	112	Insert (CBN)
TBG ○○○	120	Insert (PCD)
TBGN ○○○○○T○○	102	Insert (Ceramic)
TBGT ○○○○○○CF	79	Insert (Turning)
TBGT ○○○○○○%L	79	Insert (Turning)
TBGW ○○○	120	Insert (PCD)
TBGW ○○○○○○	79	Insert (Turning)
TBMT ○○○○○○	120	Insert (PCD)
TBMT ○○○○○○DP	79	Insert (Turning)
TCET ○○○○○○F%L-USF	79	Insert (Turning)
TCG ○○○○○○	82	Insert (Turning)
TCG ○○○T○○	102	Insert (Ceramic)
TCGR ○○○○○○%L-F	82	Insert (Turning)
TCGT ○○○○○○E%L-U	79	Insert (Turning)
TCGT ○○○○○○F%L-U	79	Insert (Turning)
TCGT ○○○○○○%L	79	Insert (Turning)
TCGT ○○○○○○%L-A3	79	Insert (Turning)
TCGW ○○○○○○F	79	Insert (Turning)
TCGW ○○○○○○SE	120	Insert (PCD)
TCMT ○○○○○○HP	80	Insert (Turning)
TCMT ○○HP	384	Insert (Drilling)
TCMT ○○○○○○HQ	80, 384	Insert (Turning)
TCMT ○○○○○○SE	120	Insert (PCD)
TCMW ○○○○○○SE	112	Insert (CBN)
TEEN ○○○○PTFR	123, 433	Insert (Milling)
TEEN ○○○○PTTR	433	Insert (Milling)
TEKN ○○○○PTFR	123	Insert (Milling)

Description	Page	Name
TEKN ○○○○PTTR	433	Insert (Milling)
TEKR ○○○○PTER-S	433	Insert (Milling)
TEMR ○○○○PTER-H	433	Insert (Milling)
TEMT ○○○○○○-AQ	429	Insert (Milling)
TGF ○○%L○○○	124, 270	Insert (Grooving)
TGF ○○%LS○○○-S	270	Insert (Grooving)
TGF ○○%LS○○○-SRG	270	Insert (Grooving)
TH-4	550	Spare Parts (Wrench) Hexagon
TH8X15	536	Spare Parts (Screw)
TKF ○○%L○○○-NB	333	Insert (Cutting-Off)
TKF ○○%L○○○-NB-○○DR	333	Insert (Cutting-Off)
TKF ○○%L○○○-S	333	Insert (Cutting-Off)
TKF ○○%L○○○-S-○○DR	333	Insert (Cutting-Off)
TKN ○	334	Insert (Cutting-Off) *CERACUT Cut-Off
TKN ○P	334	Insert (Cutting-Off) *CERACUT Cut-Off
TK%L ○	334	Insert (Cutting-Off) *CERACUT Cut-Off
TK%L ○P	334	Insert (Cutting-Off) *CERACUT Cut-Off
TN-32	541	Spare Parts (Shim)
TN-43	541	Spare Parts (Shim)
TNC ○○○○ANT	434	Insert (Milling)
TNEG ○○○○○○%L-SSF	59	Insert (Turning)
TNGA ○○○○○○	58	Insert (Turning)
TNGA ○○○○○○ME-T	107	Insert (CBN)
TNGA ○○○○○○S3E	107	Insert (CBN)
TNGA ○○○○○○SE	107	Insert (CBN)
TNGA ○○○○○○SE-T	107	Insert (CBN)
TNGA ○○○○○○-T○○	100	Insert (Ceramic)
TNGA ○○○○○○	107	Insert (CBN)
TNGG ○○○○○○DP	58	Insert (Turning)
TNGG ○○○○○○%L	58	Insert (Turning)
TNGG ○○○○○○%L-25R	58	Insert (Turning)
TNGG ○○○○○○%L-B/C/D	58, 59	Insert (Turning)
TNGG ○○○○○○%L-A3	58	Insert (Turning)
TNGG ○○○○○○%L-S	59	Insert (Turning)
TNGG ○○○○○○%L-Y	59	Insert (Turning)
TNGM ○○○○○○BB○	107	Insert (CBN)
TNG ○○○○○○	58	Insert (Turning)
TNGN ○○○○○○-T○○	100	Insert (Ceramic)
TNGN ○○○○○○T○○○○○	100	Insert (Ceramic)
TNMA ○○○○○○	58	Insert (Turning)
TNMC ○○□□□	271	Insert (Grooving)
TNMC ○○□□□	353	Insert (Threading)
TNMG ○○○○○○	59	Insert (Turning)
TNMG ○○○○○○AH	59	Insert (Turning)
TNMG ○○○○○○C	60	Insert (Turning)
TNMG ○○○○○○CQ	60	Insert (Turning)
TNMG ○○○○○○CS	60	Insert (Turning)
TNMG ○○○○○○DP	58	Insert (Turning)
TNMG ○○○○○○GC	60	Insert (Turning)
TNMG ○○○○○○GP	60	Insert (Turning)
TNMG ○○○○○○GS	60	Insert (Turning)
TNMG ○○○○○○GT	60	Insert (Turning)
TNMG ○○○○○○GU	60	Insert (Turning)
TNMG ○○○○○○HK	60	Insert (Turning)

Description	Page	Name
TNMG ○○○○○○HQ	60	Insert (Turning)
TNMG ○○○○○○HS	61	Insert (Turning)
TNMG ○○○○○○HT	61	Insert (Turning)
TNMG ○○○○○○HU	61	Insert (Turning)
TNMG ○○○○○○MS	61	Insert (Turning)
TNMG ○○○○○○PS	61	Insert (Turning)
TNMG ○○○○○○PT	61	Insert (Turning)
TNMG ○○○○○○%L-C	59	Insert (Turning)
TNMG ○○○○○○%L-ST	62	Insert (Turning)
TNMG ○○○○○○SU	61	Insert (Turning)
TNMG ○○○○○○XP	61	Insert (Turning)
TNMG ○○○○○○XQ	61	Insert (Turning)
TNMG ○○○○○○XS	61	Insert (Turning)
TNMG ○○○○○○ZS	62	Insert (Turning)
TNMG ○○○○○○TK	62	Insert (Turning)
TNMM ○○○○○○M	117	Insert (PCD)
TNMM ○○○○○○M-SE	117	Insert (PCD)
TNM ○○○○○○	58	Insert (Turning)
TNMN ○○○○○○	107	Insert (CBN)
TNMP ○○○	62	Insert (Turning)
TNN ○○E%L○○NPT	351	Insert (Threading)
TNN ○○E%L○○PT	351	Insert (Threading)
TNN ○○E%L○○PT-TS	351	Insert (Threading)
TNN ○○E%L○○UN	351	Insert (Threading)
TNN ○○E%L○○W	351	Insert (Threading)
TNN ○○E%L○○W-TS	351	Insert (Threading)
TNN ○○E%L○○○M	350	Insert (Threading)
TNN ○○E%L○○○M-TS	350	Insert (Threading)
TNN ○○E%L○○○TR	351	Insert (Threading)
TNN ○○E%L○○○○	351	Insert (Threading)
TNN ○○E%L○○○○-TS	351	Insert (Threading)
TNN ○○I%L○○NPT	354	Insert (Threading)
TNN ○○I%L○○PT	354	Insert (Threading)
TNN ○○I%L○○PT-TS	354	Insert (Threading)
TNN ○○I%L○○UN	353	Insert (Threading)
TNN ○○I%L○○W	353	Insert (Threading)
TNN ○○I%L○○W-TS	354	Insert (Threading)
TNN ○○I%L○○○M	353	Insert (Threading)
TNN ○○I%L○○○M-TS	353	Insert (Threading)
TNN ○○I%L○○○TR	354	Insert (Threading)
TNN ○○I%L○○○○(○)	354	Insert (Threading)
TNN ○○I%L○○○○(○)-TS	354	Insert (Threading)
TP ○○	80	Insert (Turning)
TPC ○○P4R	434	Insert (Milling)
TPET ○○○○○○%L-FSF	80	Insert (Turning)
TPET ○○○○○○F%L-USF	80	Insert (Turning)
TPG ○○○○○○	82, 434	Insert (Turning, Milling)
TPG ○○○	120	Insert (PCD)
TPG ○○○SE	121	Insert (PCD)
TPGB ○○○○○○	80, 355	Insert (Turning)
TPGB ○○○	121	Insert (PCD)
TPGB ○○○○○○ME-T	113	Insert (CBN)
TPGB ○○○○○○SE	113	Insert (CBN)
TPGB ○○○SE	121	Insert (PCD)

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TPGB ○○○○○○SE-T	113	Insert (CBN)
TPGH ○○○○○○%L	81	Insert (Turning)
TPGH ○○○○○○%L-H	81	Insert (Turning)
TPGH ○○○F%LU	81	Insert (Turning)
TPGN ○○○○○○SE	112	Insert (CBN)
TPGN ○○○○○○SE-T	113	Insert (CBN)
TPGN ○○○○○○SE-T○○○○○	113	Insert (CBN)
TPG ○○○○○○T○○○○○	102	Insert (Ceramic)
TPGR ○○○○○○DP	83	Insert (Turning)
TPGR ○○○○○○%L-AB/C	83	Insert (Turning)
TPGR ○○○○○○%L-F	83	Insert (Turning)
TPGT ○○○○○○CF	81	Insert (Turning)
TPGT ○○○○○○L-H	81	Insert (Turning)
TPGW ○○○○○○ME-T	113	Insert (CBN)
TPGW ○○○○○○SE	113	Insert (CBN)
TPGW ○○○○○○SE-T	113	Insert (CBN)
TPKN ○○○○PDR	434	Insert (Milling)
TPKN ○○○○PDR	434	Insert (Milling)
TPKR ○○○○PDR-S	434	Insert (Milling)
TPMB ○○○□□	271	Insert (Grooving)
TPMC ○○○□□	353	Insert (Threading)
TPMC ○○○□□	271	Insert (Grooving)
TPMH ○○○○○○	121	Insert (PCD)
TPMH ○○○○○○SE	121	Insert (PCD)
TPM ○○○○○○	83, 434	Insert (Milling)
TPMR ○○○○○○	83	Insert (Turning)
TPMR ○○○○○○DP	83	Insert (Turning)
TPMR ○○○○○○G	83	Insert (Turning)
TPMR ○○○○○○GP	83	Insert (Turning)
TPMR ○○○○○○HQ	83	Insert (Turning)
TPMR ○○○○PDR-H	434	Insert (Milling)
TPMT ○○○○○○GP	81	Insert (Turning)
TPMT ○○○○○○HQ	81	Insert (Turning)
TPMT ○○○○○○XP	81	Insert (Turning)
TPMT ○○○○○○XQ	81	Insert (Turning)
TPU ○○○○○○	83, 434	Insert (Milling)
TS-3S	549	Spare Parts (Lock Pin)
TT ○○E%L○○○M	352	Insert (Threading)
TT ○○%L○○○○	352, 355	Insert (Threading)
TT-25	550	Spare Parts (Wrench) Hexagon
TT-30	550	Spare Parts (Wrench) Hexagon
TTX2 ○○%L○○○○(○)	352	Insert (Threading)
TTX ○○%L○○○○(○)S	352	Insert (Threading)
TW-125	550	Spare Parts (Wrench) Hexagon
<b>V</b>		
VBET ○○○○○○%L-FSF	84	Insert (Turning)
VBGT ○○○○○○EN-Z	84	Insert (Turning)
VBGT ○○○○○○FN-Z	84	Insert (Turning)
VBGT ○○○○○○%L-F	85	Insert (Turning)
VBGT ○○○○○○%L-Y	85	Insert (Turning)
VBGW ○○○○○○ME-T	114	Insert (CBN)
VBGW ○○○○○○S2E	114	Insert (CBN)
VBGW ○○○○○○SE	114	Insert (CBN)

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VBGW ○○○○○○SE-T	114	Insert (CBN)
VBMT ○○○○○○	122	Insert (PCD)
VBMT ○○○○○○GP	85	Insert (Turning)
VBMT ○○○○○○HQ	85	Insert (Turning)
VBMW ○○○○○○	114	Insert (Turning)
VBMW ○○○○○○SE	114	Insert (CBN)
VCGT ○○○○○○	85	Insert (Turning)
VCGT ○○○○○○AH	85	Insert (Turning)
VCGT ○○○○○○FN-Z	85	Insert (Turning)
VCGT ○○○○○○%L-A3	85	Insert (Turning)
VCGT ○○○○○○%L-Y	85	Insert (Turning)
VCGW ○○○○○○S2E	114	Insert (CBN)
VCGW ○○○○○○SE	114	Insert (CBN)
VCGW ○○○○○○SE-T	114	Insert (CBN)
VCMT ○○○○○○	122	Insert (PCD)
VCMT ○○○○○○HQ	86	Insert (Turning)
VCMT ○○○○○○VF	86	Insert (Turning)
VNB%L ○○○○-○○(○)	91, 210	Swiss IQ Bar (Boring)
VNB%L ○○○○-○○(○)S	91	Swiss IQ Bar (Boring)
VNB%L ○○○○-○○(○)NB	91, 125	Swiss IQ Bar (Boring)
VNBT%L ○○○○-○○(○)	92, 210	Swiss IQ Bar (Boring)
VNBX%L ○○○○-○○(○)S	92, 212	Swiss IQ Bar (Boring)
VNFG%L ○○○○-○○	93, 318	Swiss IQ Bar (Grooving)
VNFG%L ○○○○-○○NB	125, 318	Swiss IQ Bar (Grooving)
VNG%L ○○○○-○○	93, 300	Swiss IQ Bar (Grooving)
VNG%L ○○○○-○○NB	125, 300	Swiss IQ Bar (Grooving)
VNGA ○○○○○○	62	Insert (Turning)
VNGA ○○○○○○ME-T	108	Insert (CBN)
VNGA ○○○○○○S2E	108	Insert (CBN)
VNGA ○○○○○○SE	108	Insert (CBN)
VNGA ○○○○○○SE-T	108	Insert (CBN)
VNGA ○○○○○○T○○○○○	101	Insert (Ceramic)
VNGG ○○○○○○%L	63	Insert (Turning)
VNGG ○○○%LY	63	Insert (Turning)
VNMA ○○○○○○T○○	101	Insert (Ceramic)
VNMG ○○○○○○	63	Insert (Turning)
VNMG ○○○○○○DP	63	Insert (Turning)
VNMG ○○○○○○GP	63	Insert (Turning)
VNMG ○○○○○○GU	63	Insert (Turning)
VNMG ○○○○○○HQ	63	Insert (Turning)
VNMG ○○○○○○MS	63	Insert (Turning)
VNMG ○○○○○○MU	63	Insert (Turning)
VNMG ○○○○○○SU	63	Insert (Turning)
VNMG ○○○○○○TN-V	63	Insert (Turning)
VNMG ○○○○○○VF	63	Insert (Turning)
VNMG ○○○○○○XP	64	Insert (Turning)
VNMM ○○○○○○M	117	Insert (PCD)
VNMM ○○○○○○M-SE	117	Insert (PCD)
VNMX ○○○○	64	Insert (Turning)
VNT%L ○○○○-○○	93, 366	Swiss IQ Bar (Threading)
VPET ○○○○○○%L-FSF	86	Insert (Turning)
VPET ○○○○○○F%L-USF	86	Insert (Turning)
VPGT ○○○○○○CF	86	Insert (Turning)
VPGT ○○○○○○CK	86	Insert (Turning)

Description	Page	Name
VPGT ○○○○○○F%L-U	86	Insert (Turning)
<b>W</b>		
W-6	552	Spare Parts (Washer)
W6-14	552	Spare Parts (Washer)
W-8	552	Spare Parts (Washer)
W8X18	536	Spare Parts (Screw)
WB-5	552	Spare Parts (Washer)
WB-6	552	Spare Parts (Washer)
WB-8	552	Spare Parts (Washer)
WBGW ○○○○○○%L-F	87	Insert (Turning)
WBGW ○○○○○○%L	87	Insert (Turning)
WBGW ○○○○○○%L-SE	115	Insert (CBN)
WBGW ○○○○○○%L-SE-T	115	Insert (CBN)
WBMT ○○○○○○%L	122	Insert (PCD)
WBMT ○○○○○○%L-DP	87	Insert (Turning)
WCMT ○○○○○○	384	Insert (Drilling)
WCGT ○○○○○○%L-F	88	Insert (Turning)
WC504	544	Spare Parts (Clamp)
WCS-1N	547	Spare Parts (Clamp Set)
WCS-8	547	Spare Parts (Clamp Set)
WCS-400	536	Spare Parts (Screw)
WN-1	552	Spare Parts (Shim Nut)
WNGA ○○○○○○ME-T	109	Insert (CBN)
WNGA ○○○○○○SE	109	Insert (CBN)
WNGA ○○○○○○S3E	109	Insert (CBN)
WNGA ○○○○○○SE-T	109	Insert (CBN)
WNGA ○○○○○○T○○○○○	101	Insert (Ceramic)
WNGG ○○○○○○%L	65	Insert (Turning)
WNGG ○○○○○○%L-S	65	Insert (Turning)
WNMA ○○○○○○	65	Insert (Turning)
WNMG ○○○○○○	65	Insert (Turning)
WNMG ○○○○○○AH	65	Insert (Turning)
WNMG ○○○○○○C	65	Insert (Turning)
WNMG ○○○○○○CJ	65	Insert (Turning)
WNMG ○○○○○○CQ	65	Insert (Turning)
WNMG ○○○○○○CS	65	Insert (Turning)
WNMG ○○○○○○GC	65	Insert (Turning)
WNMG ○○○○○○GP	65	Insert (Turning)
WNMG ○○○○○○GS	66	Insert (Turning)
WNMG ○○○○○○GT	66	Insert (Turning)
WNMG ○○○○○○GU	66	Insert (Turning)
WNMG ○○○○○○HQ	66	Insert (Turning)
WNMG ○○○○○○HS	66	Insert (Turning)
WNMG ○○○○○○HT	66	Insert (Turning)
WNMG ○○○○○○HU	66	Insert (Turning)
WNMG ○○○○○○MS	66	Insert (Turning)
WNMG ○○○○○○MU	66	Insert (Turning)
WNMG ○○○○○○PS	66	Insert (Turning)
WNMG ○○○○○○PT	66	Insert (Turning)
WNMG ○○○○○○SU	67	Insert (Turning)
WNMG ○○○○○○WP	67	Insert (Turning) "Wiper Insert"
WNMG ○○○○○○WQ	67	Insert (Turning) "Wiper Insert"
WNMG ○○○○○○XP	67	Insert (Turning)

Description	Page	Name
WNMG ○○○○○○XQ	67	Insert (Turning)
WNMG ○○○○○○XS	67	Insert (Turning)
WNMG ○○○○○○ZS	67	Insert (Turning)
WNMM ○○○○○○M	117	Insert (PCD)
WNMM ○○○○○○M-SE	117	Insert (PCD)
WNMP ○○○○○○TK	67	Insert (Turning)
WP-1S	548	Spare Parts (Shim Pin)
WP5X11	548	Spare Parts (Shim Pin)
WP5X15	548	Spare Parts (Shim Pin)
WPGT ○○○○○○%L-Y	88	Insert (Turning)
WPGW ○○○○○○	88	Insert (Turning)
WPGW ○○○○○○SE-T	115	Insert (CBN)
WPMT ○○○○○○	122	Insert (PCD)
WPMT ○○○○○○GP	88	Insert (Turning)
WPMT ○○○○○○HQ	88	Insert (Turning)
WPMW ○○○○○○	88	Insert (Turning)
WSP-1	552	Spare Parts (Spacer)
WTENN ○○○○□-○ON	143	Toolholder (Turning)
WTJN%L ○○○○□-○ON	143	Toolholder (Turning)
WTKN%L ○○○○□-○ON	143	Toolholder (Turning)
WTN-33	541	Spare Parts (Shim)
WWLN%L ○○○○□-○○	146	Toolholder (Turning)
WWLN%L ○○○○B-○○E	247	Boring Bar (Excellent Bar)
WWN-42	541	Spare Parts (Shim)
WWP-42	541	Spare Parts (Shim)
<b>X</b>		
XNS-○○	536	Spare Parts (Screw)
<b>Y</b>		
YCMT ○○○○ER	429	Insert (Milling)
YCMT ○○○○ER-H	430	Insert (Milling)
YPGT ○○○○○○%L-F	89	Insert (Turning)
YPGT ○○○○○○F%L-U	89	Insert (Turning)
<b>Z</b>		
ZCMT ○○○○	384	Insert (Drilling)
ZCMT ○○○○SP	384	Insert (Drilling)
ZCMT ○○○○SU	384	Insert (Drilling)





