

Description	Page	Name
A		
A○○□-PCLN%○○-○○	217	Boring Bar (Steel Bar)
A○○□-PDUN%○○-○○	222	Boring Bar (Steel Bar)
A○○□-PTUN%○○-○○	232	Boring Bar (Steel Bar)
A○○□-PWLN%○○-○○	241	Boring Bar (Steel Bar)
A○○□-SCLC%○○-○○	215	Boring Bar (Steel Bar)
A○○□-SCLC%○○-○○E	215	Boring Bar (Excellent Bar)
A○○□-SCLP%○○-○○E	215	Boring Bar (Excellent Bar)
A○○□-STUP%○○-○○E	227	Boring Bar (Excellent Bar)
A○○□-SWUP%○○-○○E	241	Boring Bar (Excellent Bar)
A-KKC	291, 355	Toolholder (Grooving)
AABS% ○-○	172	Toolholder (Turning) "Small Tools"
AABS% ○○○○□-○○F	172	Toolholder (Turning) "Small Tools"
AABW% ○-○	173, 174	Toolholder (Turning) "Small Tools"
AABW% ○○○○□-○○F	173, 174	Toolholder (Turning) "Small Tools"
AB ○○%○○○	84, 171	Insert (Turning)
ABS ○○%○○○○	84, 172	Insert (Turning)
ABW ○○%○○○○	84, 173	Insert (Turning)
ACEM ○○○-○W-○	513	Endmill
ACEM ○○○○-○W	458	Endmill
ACEM ○○-○.○○%○	443	Face Mill
ACEM ○○○-○W-93	439	Face Mill
ACLC% ○-○	175	Toolholder (Turning) "Small Tools"
ACLC% ○○○○□-○○F	175	Toolholder (Turning) "Small Tools"
ADJC% ○-○	178	Toolholder (Turning) "Small Tools"
ADJC% ○○○○□-○○F	178	Toolholder (Turning) "Small Tools"
ADMM ○○○○○○	420	Insert (Milling)
ADNC% ○-○	181	Toolholder (Turning) "Small Tools"
ADNC% ○○○○□-○○F	181	Toolholder (Turning) "Small Tools"
APKT ○○○○○○PDER-V	420	Insert (Milling)
APKT ○○○○PDER-V	420	Insert (Milling)
APMT ○○○	420	Insert (Milling)
ASL ○○○○○○-○○○	394	Sleeve (for Magic Drill)
AVJB% ○-○○	187	Toolholder (Turning) "Small Tools"
AVJB% ○○○○□-○○F	187	Toolholder (Turning) "Small Tools"
AVVB% ○○○○□-○○F	186	Toolholder (Turning) "Small Tools"
B		
BCS ○	533	Spare Parts (Clamp Set)
BDMT ○○○	420	Insert (Milling)
BH3X6	520	Spare Parts (Screw)
BH3X12	520	Spare Parts (Screw)
BH6X25	520	Spare Parts (Screw)
BH8X30	520	Spare Parts (Screw)
BM4X9	520	Spare Parts (Bolt)
C		
○○○□-SCLC%○○-○○	213	Boring Bar (Carbide Shank Bar)
○○○□-SCLC%○○-○○-AS	216	Boring Bar (Carbide Shank Bar)
○○○□-SCLP%○○-○○	213	Boring Bar (Carbide Shank Bar)
○○○□-SDUC%○○-○○	219	Boring Bar (Carbide Shank Bar)
○○○□-STUB%○○-○○	225	Boring Bar (Carbide Shank Bar)
○○○□-STUP%○○-○○	225	Boring Bar (Carbide Shank Bar)
○○○□-STUP%○○-○○-AS	228	Boring Bar (Carbide Shank Bar)

Description	Page	Name
○○○□-STXB%○○-○○○	230	Boring Bar (Carbide Shank Bar)
○○○□-STXP%○○-○○	230	Boring Bar (Carbide Shank Bar)
○○○□-STZB%○○-○○○	230	Boring Bar (Carbide Shank Bar)
○○○□-SWUB%○○-○○	239	Boring Bar (Carbide Shank Bar)
○○○□-SWUB%○○-○○-AS	237	Boring Bar (Carbide Shank Bar)
○○○□-SWUP%○○-○○	239	Boring Bar (Carbide Shank Bar)
C17R	531	Spare Parts (Clamp)
C20R	531	Spare Parts (Clamp)
C25R	531	Spare Parts (Clamp)
CAB% ○○○○□-○○F	171	Toolholder (Turning) "Small Tools"
CB	537	Spare Parts (Chipbreaker)
CBSN% ○○○○□-○○	142	Toolholder (Turning)
CBSN% ○○○○B-12-A20	242	Boring Bar (Steel Bar)
CB-T2212	533	Spare Parts (Chipbreaker)
CB-T3220	533	Spare Parts (Chipbreaker)
CCET ○○○○○○%○-FSF	62	Insert (Turning)
CCET ○○○○○○F%○-USF	62	Insert (Turning)
CCGT ○○○○○○	62	Insert (Turning)
CCGT ○○○○○○AH	63	Insert (Turning)
CCGT ○○○○○○E%○-U	63	Insert (Turning)
CCGT ○○○○○○FN-Z	63	Insert (Turning)
CCGT ○○○○○○F%○-U	63	Insert (Turning)
CCGT ○○○○○○%○-A3	63	Insert (Turning)
CCGT ○○○○○○%○-F	63	Insert (Turning)
CCGT ○○○○○○%○-FS	63	Insert (Turning)
CCGW ○○○○○○	63	Insert (Turning)
CCGW ○○○○○○SE	112	Insert (Turning) PCD
CCLN% ○○○○□-○○	143	Toolholder (Turning)
CCLN% ○○○○□-○○A	154	Toolholder (Turning)
CCLN% ○○○○B-○○A	245	Boring Bar (Steel Bar)
CCMT ○○○○○○	62	Insert (Turning)
CCMT ○○○○○○FG	63	Insert (Turning)
CCMT ○○○○○○GK	64	Insert (Turning)
CCMT ○○○○○○HF	64	Insert (Turning)
CCMT ○○○○○○HQ	64	Insert (Turning)
CCMT ○○○○○○SE	112	Insert (Turning) PCD
CCMW ○○○○○○ME-T	104	Insert (Turning) CBN
CCMW ○○○○○○S2E	104	Insert (Turning) CBN
CCMW ○○○○○○SE	104	Insert (Turning) CBN
CCMW ○○○○○○SE-T	104	Insert (Turning) CBN
CCMW ○○○○○○SE-T○○○○○	104	Insert (Turning) CBN
CCRN% ○○○○□-○○A	154	Toolholder (Turning)
CDJN% ○○○○□-○○	144	Toolholder (Turning)
CDJN% ○○○○□-○○X	144	Toolholder (Turning)
CE-○○○	533	Spare Parts (Clamp Set)
CE-111	531	Spare Parts (Clamp)
CE-121	531	Spare Parts (Clamp)
CE-131	531	Spare Parts (Clamp)
CE-141	531	Spare Parts (Clamp)
CEJN% ○○○○□-○○	145	Toolholder (Turning)
CELN% ○○○○□-○○	145	Toolholder (Turning)
CELN% ○○○○B-○○	243	Boring Bar (Steel Bar)
CEM ○○○-○W	459	Endmill
CGA-3%○	531	Spare Parts (Clamp)

Description	Page	Name
CGA-4%	531	Spare Parts (Clamp)
CGA-5%	531	Spare Parts (Clamp)
CGB%	531	Spare Parts (Clamp)
CGH-1%	531	Spare Parts (Clamp)
CGH-2%	531	Spare Parts (Clamp)
CGH-3%	531	Spare Parts (Clamp)
CGIA-3R	531	Spare Parts (Clamp)
CGIA-4R	531	Spare Parts (Clamp)
CGIA-5R	531	Spare Parts (Clamp)
CH-20R	531	Spare Parts (Clamp)
CI-SCLN% <input type="radio"/> <input type="radio"/> <input type="radio"/>	213	Boring Bar (Carbide Shank Bar)
CI-SWUN% <input type="radio"/> <input type="radio"/> <input type="radio"/>	239	Boring Bar (Carbide Shank Bar)
CIN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	356	Toolholder (Threading)
CKC-2%	531	Spare Parts (Clamp)
CKC-3%	531	Spare Parts (Clamp)
CL-6	532	Spare Parts (Clamp)
CL-9	532	Spare Parts (Clamp)
CL-20	532	Spare Parts (Clamp)
CL-30	532	Spare Parts (Clamp)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	37	Insert (Turning)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ME-T	98	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> S2E	98	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE	98	Insert (CBN)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE-T	98	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"/>	98	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"/>	90	Insert (Ceramic)
CNGA <input type="radio"/> <input type="radio"/> <input type="radio"/>	98	Insert (CBN)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> DP	36	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %	37	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-25R	37	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-A3	37	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-S	37	Insert (Turning)
CNGG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HQ	37	Insert (Turning)
CNGM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> BB <input type="radio"/>	98	Insert (CBN)
CNG(N) <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	90	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"/>	90	Insert (Turning)
CNGX <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	91	Insert (Ceramic)
CNMA <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	37	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"/>	90	Insert (Ceramic)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	37	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> AH	37	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> C	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> CQ	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> CS	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GC	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GC-R03	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GP	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GS	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GT	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GU	38	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HK	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HQ	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HS	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HT	39	Insert (Turning)

Description	Page	Name
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HU	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> PS	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> PT	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-ST	40	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SU	39	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> WP	40	Insert "Wiper Insert"
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> WQ	40	Insert "Wiper Insert"
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XP	40	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XP-T	40	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XQ	40	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XS	40	Insert (Turning)
CNMG <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ZS	40	Insert (Turning)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HX	39	Insert (Turning)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> M	111	Insert (PCD)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> M-SE	111	Insert (PCD)
CNMM <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	98	Insert (CBN)
CNMP <input type="radio"/> <input type="radio"/> <input type="radio"/>	40	Insert (Turning)
CNMP <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> TK	40	Insert (Turning)
CP-8TE	532	Spare Parts (Clamp)
CP-8W	532	Spare Parts (Clamp)
CPG <input type="radio"/> <input type="radio"/> <input type="radio"/>	64	Insert (Turning)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	104	Insert (CBN)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> ME-T	104	Insert (CBN)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE	104	Insert (CBN)
CPGB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> SE-T	104	Insert (CBN)
CPGT <input type="radio"/> <input type="radio"/> <input type="radio"/>	64	Insert (Turning)
CPMB <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	64	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/>	112	Insert (PCD)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	64	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> HQ	64	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-F12	64	Insert (Turning)
CPMH <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> %-Y	64	Insert (Turning)
CPMT <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> GP	65	Insert (Turning)
CPMT <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XP	65	Insert (Turning)
CPMT <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> XQ	65	Insert (Turning)
CP-RC%	533	Spare Parts (Clamp)
CPS- <input type="radio"/> <input type="radio"/>	534	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"/>	147	Toolholder (Turning)
CRDNN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	155	Toolholder (Turning)
CRDCN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	146	Toolholder (Turning)
CRSN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	148	Toolholder (Turning)
CRSN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	155	Toolholder (Turning)
CS126	520	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"/>	149	Toolholder (Turning)
CSDNN <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	157	Toolholder (Turning)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	150	Toolholder (Turning)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	157	Toolholder (Turning)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> B <input type="radio"/> <input type="radio"/>	245	Boring Bar (Steel Bar)
CSKN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> B <input type="radio"/> <input type="radio"/> A	245	Boring Bar (Steel Bar)
CSKP% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> B <input type="radio"/> <input type="radio"/>	223	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"/>	150	Toolholder (Turning)
CSRN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	151	Toolholder (Turning)
CSRN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> A	157	Toolholder (Turning)
CSSN% <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	152	Toolholder (Turning)

Description	Page	Name
CSSN% 0000□-00A	157	Toolholder (Turning)
CSYN% 0000□-00	152	Toolholder (Turning)
CSYN% 0000□-00A	157	Toolholder (Turning)
CTFP% 0000□-00N	185	Toolholder (Turning) "Small Tools"
CTGP% 00-0	185	Toolholder (Turning) "Small Tools"
CTGP% 0000□-00N	185	Toolholder (Turning) "Small Tools"
CTJN% 0000□-00	153	Toolholder (Turning)
CTJN% 0000□-00A	158	Toolholder (Turning)
CTTP% 0000□-00N	185	Toolholder (Turning) "Small Tools"
CTUC% 0000B-00	244	Boring Bar (Steel Bar)
CTUN% 0000□-00	153	Toolholder (Turning)
CTUN% 0000□-00A	158	Toolholder (Turning)
CTUN% 0000B-00A	246	Boring Bar (Steel Bar)
CTUP% 0000B-00	231	Boring Bar (Steel Bar)
D		
DB 000	97, 258	Insert (Grooving)
DCET 000000%L-FSF	66	Insert (Turning)
DCET 000000F%L-JSF	66	Insert (Turning)
DCET 000000F%L-USF	66	Insert (Turning)
DCGT 000000	66	Insert (Turning)
DCGT 000000AH	66	Insert (Turning)
DCGT 000000CF	66	Insert (Turning)
DCGT 000000CK	66	Insert (Turning)
DCGT 000000E%L-J	67	Insert (Turning)
DCGT 000000E%L-U	67	Insert (Turning)
DCGT 000000FN-Z	66	Insert (Turning)
DCGT 000000F%L-J	67	Insert (Turning)
DCGT 000000F%L-U	67	Insert (Turning)
DCGT 000000%L-A3	66	Insert (Turning)
DCGT 000000%L-F	67	Insert (Turning)
DCGT 000000%L-FS	67	Insert (Turning)
DCGW 000000	67	Insert (Turning)
DCLN 000	127	Toolholder (Turning)
DCMT 000000	66	Insert (Turning)
DCMT 000	113	Insert (PCD)
DCMT 000000GK	67	Insert (Turning)
DCMT 000000GP	67	Insert (Turning)
DCMT 000000HF	67	Insert (Turning)
DCMT 000000HQ	68	Insert (Turning)
DCMT 000000XP	68	Insert (Turning)
DCMT 000000XQ	68	Insert (Turning)
DCMW 000000	105	Insert (CBN)
DCMW 000000ME-T	105	Insert (CBN)
DCMW 000000S2E	105	Insert (CBN)
DCMW 000000SE	105	Insert (CBN)
DCMW 000000SE-T	105	Insert (CBN)
DCMW 000000SE-T00000	105	Insert (CBN)
DDJN 000	129	Toolholder (Turning)
DMC 000	460	Endmill
DMC 000H	462	Endmill
DMC 000-S00	460	Endmill
DMC 000SX	461	Endmill
DMC 000SX-000	461	Endmill

Description	Page	Name
DMC 000SXT	461	Endmill
DNGA 000000	42	Insert (Turning)
DNGA 000000ME-T	99	Insert (CBN)
DNGA 000000S2E	99	Insert (CBN)
DNGA 000000SE	99	Insert (CBN)
DNGA 000000SE-T	99	Insert (CBN)
DNGA 000000-T00	91	Insert (Ceramic)
DNGA 000000	99	Insert (CBN)
DNGG 000000DP	41	Insert (Turning)
DNGG 000000%L	42	Insert (Turning)
DNGG 000000%L-A3	42	Insert (Turning)
DNGG 000000%L-S	42	Insert (Turning)
DNGM 000000BB0	99	Insert (CBN)
DNG(N) 000000	91	Insert (Ceramic)
DNGX 000000T00000	91	Insert (Ceramic)
DNMA 000000	42	Insert (Turning)
DNMG 000000	42	Insert (Turning)
DNMG 000000AH	42	Insert (Turning)
DNMG 000000C	42	Insert (Turning)
DNMG 000000CQ	42	Insert (Turning)
DNMG 000000CS	42	Insert (Turning)
DNMG 000000GC	43	Insert (Turning)
DNMG 000000GP	43	Insert (Turning)
DNMG 000000GS	43	Insert (Turning)
DNMG 000000GT	43	Insert (Turning)
DNMG 000000GU	43	Insert (Turning)
DNMG 000000HK	43	Insert (Turning)
DNMG 000000HQ	43	Insert (Turning)
DNMG 000000HS	43	Insert (Turning)
DNMG 000000HT	44	Insert (Turning)
DNMG 000000HU	44	Insert (Turning)
DNMG 000000PS	44	Insert (Turning)
DNMG 000000PT	44	Insert (Turning)
DNMG 000000%L-ST	45	Insert (Turning)
DNMG 000000SU	44	Insert (Turning)
DNMG 000000TN-V	44	Insert (Turning)
DNMG 000000XP	44	Insert (Turning)
DNMG 000000XP-T	44	Insert (Turning)
DNMG 000000XQ	44	Insert (Turning)
DNMG 000000XS	44	Insert (Turning)
DNMG 000000ZS	45	Insert (Turning)
DNMM 000000HX	45	Insert (Turning)
DNMM 000000M	111	Insert (PCD)
DNMM 000000M-SE	111	Insert (PCD)
DNMN 000000S	100	Insert (CBN)
DNMP 000000TK	45	Insert (Turning)
DNMX 000000	45	Insert (Turning)
DPET 000000%L-FSF	68	Insert (Turning)
DPET 000000F%L-USF	68	Insert (Turning)
DR12CR-IN	393	Cartridge (Drill)
DR12CR-OUT	393	Cartridge (Drill)
DR20CR-IN	393	Cartridge (Drill)
DR20CR-OUT	393	Cartridge (Drill)
DS 000	378	Insert (Drilling)

Description	Page	Name
DT-○○○	538	Spare Parts (Wrench)
E		
E○○□- SCLC%○○○○	215	Boring Bar (Carbide Shank)
E○○□- SCLP%○○○○	215	Boring Bar (Carbide Shank)
E○○□- STUP%○○○○	227	Boring Bar (Carbide Shank)
EGT ○○-○	270	Toolholder (Grooving)
EL- SCLN%○○○○	215	Boring Bar (Excellent Bar)
ENG ○○○○○○	92	Insert (Ceramic)
F		
FGG%L ○○○○○○	269	Insert (Grooving) "CERACUT Plunge&Turn"
FH-2	538	Spare Parts (Wrench) Hexagon
FH-2.5	538	Spare Parts (Wrench) Hexagon
FMM ○○-○○	269	Insert (Grooving) "CERACUT Plunge&Turn"
FMN ○	269	Insert (Grooving) "CERACUT Plunge&Turn"
FPMT ○○○○○○ER	420	Insert (Milling)
FT-○○	538	Spare Parts (Wrench)
FTK ○	269	Insert (Grooving) "CERACUT Cut-Off"
G		
GB ○○%L○○○	258	Insert (Grooving)
GB ○○%L○○○R	259	Insert (Grooving)
GBA ○○%L○○○	110, 118, 259	Insert (Grooving)
GBA ○○%L○○○MY	260	Insert (Grooving) "GBA-MY"
GBA ○○%L○○○R	260	Insert (Grooving)
GFV%L ○○○○□-○○○(○)□	300	Toolholder (Grooving)
GFVS%L ○○○○□-○○○(○)□	302	Toolholder (Grooving)
GFVS%L ○○○○□-○○○AA	299	Toolholder (Grooving)
GFVT%L ○○○○□-○○○(○)□	303	Toolholder (Grooving)
GFVT%L ○○○○□-○○○AA	305	Toolholder (Grooving)
GG ○○○	97, 260	Insert (Grooving)
GH ○○○○-○○	97, 261	Insert (Grooving)
GHU ○○-○○	261	Insert (Grooving)
GIFV%L ○○○○B-○○○□	311	Toolholder (Grooving)
GIV%L ○○○○-○□(□)	286	Toolholder (Grooving)
GIV%L ○○○○-○□E	286	Toolholder (Grooving)
GIV%L ○○○○-○□W	286	Toolholder (Grooving)
GMG ○○○○-○○	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMG ○○○○-○○MG	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMG ○○○○-○○R	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMG ○○○○-○○RU	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMGA ○○○○-○○R	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-○○	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-○○MS	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-○○R	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-○○RU	266	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-MT	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-NB	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○%L-MT-sD	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○%L-TK-8D	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"
GMM ○○○○-TK	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"
GMN ○	110, 118, 268	Insert (Grooving) "CERACUT Plunge&Turn"
GMN ○-TK	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"

Description	Page	Name
GM%L ○-○D	268, 327	Insert (Grooving) "CERACUT Plunge&Turn"
GM%L ○-TK-8D	267, 326	Insert (Grooving) "CERACUT Plunge&Turn"
GOMT ○○○○○○ER-D	420	Insert (Milling)
GP-1	540	Spare Parts (Plug)
GP-2	540	Spare Parts (Plug)
GS 91-○	97, 261	Insert (Grooving)
GS-4090T%L W	520	Spare Parts (Screw)
GS-40TR	520	Spare Parts (Screw)
GS-50	520	Spare Parts (Screw)
GS-50S	520	Spare Parts (Screw)
GV%L ○○○□	118, 262	Insert (Grooving)
GV%L ○○○□R	262	Insert (Grooving)
GVF%L ○○○□	118, 269	Insert (Grooving)
GVF%L ○○○□R	269	Insert (Grooving)
GVF%L ○○○AA	269	Insert (Grooving)
H		
HC12	532	Spare Parts (Clamp)
HCB318	537	Spare Parts (Chipbreaker)
HCL-000	534-535	Spare Parts (Clamp)
HCL-017C	532	Spare Parts (Clamp)
HCLN%L ○○-○□	143	Toolholder (Turning)
HDJN%L ○○-○□	144	Toolholder (Turning)
HH○○○	520-521	Spare Parts (Bolt)
HRSN%L ○○-○□	148	Toolholder (Turning)
HS○○○	521	521 Spare Parts (Screw)
HSB4X8%L	521	Spare Parts (Screw)
HSDNN ○○-○□	149	Toolholder (Turning)
HSH655	525	Spare Parts (Shim)
HSH657	525	Spare Parts (Shim)
HSH661	525	Spare Parts (Shim)
HSH665A	525	Spare Parts (Shim)
HSRN%L ○○-○□	151	Toolholder (Turning)
I		
ICSN433	525	Spare Parts (Shim)
ICSN453	525	Spare Parts (Shim)
IDSN433	525	Spare Parts (Shim)
IDSN453	525	Spare Parts (Shim)
IRSN43	525	Spare Parts (Shim)
IRSN45	525	Spare Parts (Shim)
ISSN433	525	Spare Parts (Shim)
ISSN453	525	Spare Parts (Shim)
ITSN323	525	Spare Parts (Shim)
ITSN333	525	Spare Parts (Shim)
ITSN432	525	Spare Parts (Shim)
IVSN322	525	Spare Parts (Shim)
IWSN432	525	Spare Parts (Shim)
J		
JCET ○○○○○○%L-FSF	68	Insert (Turning)
JCGT ○○○○○○%L-F	69	Insert (Turning)
JCGW ○○○○○○SE	104	Insert (Turning) CBN
JOMT ○○○○○○ER-D	420	Insert (Milling)

Description	Page	Name
K		
K○○□- SCLC%○○-○○H	215	Boring Bar (Strong Bar)
K○○□- SCLC%○○-○○-2/3H	215	Boring Bar (Strong Bar)
K○○□- SCLP%○○-○○	213	Boring Bar (Strong Bar)
K○○□- SCLP%○○-○○H	215	Boring Bar (Strong Bar)
K○○□- SCLP%○○-○○-2/3H	215	Boring Bar (Strong Bar)
K○○□- SDUC%○○-○○H	220	Boring Bar (Strong Bar)
K○○□- SDUC%○○-○○-2/3H	220	Boring Bar (Strong Bar)
K○○□- SDQC%○○-○○H	221	Boring Bar (Strong Bar)
K○○□- SDQC%○○-○○-2/3H	221	Boring Bar (Strong Bar)
K○○□- STUP%○○-○○	225	Boring Bar (Strong Bar)
K○○□- STUP%○○-○○H	227	Boring Bar (Strong Bar)
K○○□- STUP%○○-○○-2/3H	217	Boring Bar (Strong Bar)
K○○□- SWUP%□s	241	Boring Bar (Strong Bar)
KCB ○.○○○○-○.○○○	509	Endmill (Countersinking)
KCD- ○○○○	399	Drill "Cera-Drill"
KCD1-C	530	Spare Parts (Cartridge)
KCD- ○○○○C	399	Drill "Cera-Drill"
KCG ○○○%□	97, 263	Insert (Grooving)
KCG ○○○%□	110	Insert (CBN)
KCGP ○○○%□	263	Insert (Grooving)
KCGP-MY○○○○%□	263	Insert (Grooving)
KCGDP ○○○%□	263	Insert (Grooving)
KCFP ○○○%□	263	Insert (Grooving)
KCRP ○○○%□	263	Insert (Grooving)
KCS ○○○-○○D	514	Endmill (Chamfering)
KCT ○%□	344	Insert (Threading)
KCTK ○%□	344	Insert (Threading)
KCTP ○%□	344	Insert (Threading)
KD- ○○○○	398	Drill "Cera-Drill"
KDB ○○-○	270	Toolholder (Grooving)
KFMS%□ ○○-○-○○○○○○○	307	Toolholder (Grooving) "CERACUT Plunge&Turn"
KFMS%□ ○○○○□○○(○)○○(○)-○	307	Toolholder (Grooving) "CERACUT Plunge&Turn"
KFMS%□ ○○○○□○○(○)○○(○)-8	309	Toolholder (Grooving) "CERACUT Plunge&Turn"
KFTB%□ ○○○○□○○○○○-○S	310	Blade (Grooving) "CERACUT Cut-Off"
KGB%□ ○○○○□-○○	271	Toolholder (Grooving)
KGB%□ ○○○○□22-○○	271	Toolholder (Grooving)
KGBA%□ ○○-○	272	Toolholder (Grooving)
KGBA%□ ○○-○-○○	272	Toolholder (Grooving)
KGBA%□ ○○○○□-○○	272	Toolholder (Grooving)
KGBA%□ ○○○○□22-○○	272	Toolholder (Grooving)
KGBAS%□ ○○○○□-○○	272	Toolholder (Grooving)
KGBAS%□ ○○○○□22-○○	272	Toolholder (Grooving)
KGBS%□ ○○○○□-○○	271	Toolholder (Grooving)
KGBS%□ ○○○○□22-○○	271	Toolholder (Grooving)
KGH%□ ○○-○	274	Toolholder (Grooving)
KGH%□ ○○○○□-○(○)	274	Toolholder (Grooving)
KGHS ○○-○	274	Toolholder (Grooving)
KGIA ○○-○	288	Toolholder (Grooving)
KGM%□ ○○-○	278, 336	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○-○	279	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○-○T	280, 337	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○○○□-○	279, 336	Toolholder (Grooving) "CERACUT Plunge&Turn"

Description	Page	Name
KGM%□ ○○○○□-○T○○	280, 337	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGM%□ ○○○○□-○-○○○	278, 336	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGMM%□ ○○○○□-○	282	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGMS%□ ○○○○□-○	283	Toolholder (Grooving) "CERACUT Plunge&Turn"
KGMU%□ ○○○○□	284	Toolholder (Grooving) "CERACUT Plunge&Turn"
KIGBA%□ ○○-○	289	Toolholder (Grooving)
KIGBA%□ ○○○○-○○	289	Toolholder (Grooving)
KIGH%□ ○○-○	290	Toolholder (Grooving)
KIGM%□ ○○○○B-○	292	Toolholder (Grooving) "CERACUT Plunge&Turn"
KIGMU%□ ○○○○B-○	292	Toolholder (Grooving) "CERACUT Plunge&Turn"
KIGM-V%□ ○○-○	292	Toolholder (Grooving)
KITG%□ ○○○○T	358	Toolholder (Threading)
KKC%□ ○○-○	275, 350	Toolholder (Grooving / Threading)
KKC%□ ○○○○□-○-○○○	275, 350	Toolholder (Grooving / Threading)
KKCE%□ ○○-○	306	Toolholder (Grooving)
KNMX ○○○○○○%□-1	45	Insert (Turning)
KPS-42	525	Spare Parts (Shim)
KPT-32	525	Spare Parts (Shim)
KPT-42	525	Spare Parts (Shim)
KSD- ○○○○	397	Drill "Cera-Drill"
KSTB%□ ○○-○S	195	Toolholder (Small Tools)
KTKB ○○-○S	334	Blade (Cutting-Off) "CERACUT Cut-Off"
KTKB ○○-○SS	334	Blade (Cutting-Off) "CERACUT Cut-Off"
KTKB%□ ○○-○S	334	Blade (Cutting-Off) "CERACUT Cut-Off"
KTGF%□ ○○○○□-○○	277	Toolholder (Grooving)
KTKF%□ ○○○○□-○○	331	Toolholder (Small Dia. Cutting-Off)
KTKH%□ ○○○○□-○-○○○B	333	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○-○-○S	333	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○-○S	333	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○○○□-○-○○○S	333	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○○○□-○S	333	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKH%□ ○○○○□-○T○○○S	333	Toolholder (Cutting-Off) "CERACUT Cut-Off"
KTKTB ○○-○○	335	Toolblock (Cutting-Off) "CERACUT Cut-Off"
KTKTBF ○○-○○	335	Toolblock (Cutting-Off) "CERACUT Cut-Off"
KTN%□ ○○-○	351	Toolholder (Threading)
KTN%□ ○○○○□-○○	351	Toolholder (Threading)
KTNS%□ ○○○○□-○○	351	Toolholder (Threading)
KTT%□ ○○○○□-○○	352	Toolholder (Threading)
KTTX%□ ○○○○□-○○F	352	Toolholder (Threading)
KVN-32	526	Spare Parts (Shim)
L		
LC-○○	526	Spare Parts (Shim)
LD-○○	526	Spare Parts (Shim)
LGBA-16%□S	535	Spare Parts (Clamp Set)
LGBA-22%□S	535	Spare Parts (Clamp Set)
LL-○○	536	Spare Parts (Lock Pin)
LNG(N) ○○○○○○TN	97, 428	Insert (Milling)
LNU ○○○○○○	97	Insert (Ceramic)
LP-2S	536	Spare Parts (Lock Pin)
LP-6S	536	Spare Parts (Lock Pin)
LPA-○○	536	Spare Parts (Anchor Pin)
LPF-○○	536	Spare Parts (Anchor Pin)
LR-10C	526	Spare Parts (Shim)

Description	Page	Name
LR-12C	526	Spare Parts (Shim)
LR-16C	526	Spare Parts (Shim)
LS-03	521	Spare Parts (Lock Screw)
LS-03S	521	Spare Parts (Lock Screw)
LS-05	521	Spare Parts (Lock Screw)
LS-○○○	522	Spare Parts (Lock Screw)
LS-32	526	Spare Parts (Shim)
LS-42	526	Spare Parts (Shim)
LSD-445R	530	Spare Parts (Locator)
LSE-445R	530	Spare Parts (Locator)
LSO-445R	530	Spare Parts (Locator)
LSP-1	536	Spare Parts (Shim Pin)
LSP-2	536	Spare Parts (Shim Pin)
LSP-3	536	Spare Parts (Shim Pin)
LSP-4	536	Spare Parts (Shim Pin)
LSP-415R	530	Spare Parts (Locator)
LT-32	526	Spare Parts (Shim)
LT-42	526	Spare Parts (Shim)
LTE-490R	530	Spare Parts (Locator)
LTK-5	539	Spare Parts (Wrench)
LTW-10S	538	Spare Parts (Wrench) Hexagon
LTW-15S	538	Spare Parts (Wrench) Hexagon
LTW-20	538	Spare Parts (Wrench) Hexagon
LW-○○○	538	Spare Parts (Wrench) Hexagon
LW-32	526	Spare Parts (Shim)
LW-42	526	Spare Parts (Shim)
LW-094	538	Spare Parts (Wrench) Hexagon
LW-125	538	Spare Parts (Wrench) Hexagon
LW-156	538	Spare Parts (Wrench) Hexagon
LW-42 ^{1/2}	526	Spare Parts (Shim)
M		
M3X 8	522	Spare Parts (Screw)
M3X12	522	Spare Parts (Screw)
M4X10	522	Spare Parts (Screw)
MAP ○○○R○○-S○○○	463	Endmill
MCLN ^{1/2} ○○-○□	127	Toolholder (Turning)
MDJN ^{1/2} ○○-○□	129	Toolholder (Turning)
MCSE ○○○	515	Endmill (Chamfering)
MEA ○○-S○○	465	Endmill "Hurricane"
MEA ○○-S○○-○○○	465	Endmill "Hurricane"
MEAL ○○-S○○	475	Endmill "Hurricane"
MEB ○○-S○○	465	Endmill "Hurricane"
MEC ○○○R	444	Facemill "Ultra H'Cane"
MEC ○○-S	468	Endmill..."Ultra H'cane"
MEF ○○-S○○	509	Endmill (Countersinking)
METS ○○-S○○	511	Endmill (T-Slotting)
MEY ○○-S○○	490	Endmill (3-D) "Ultra Drill Mill"
MEY ○○○-S○○○HG	490	Endmill (3-D) "Ultra Drill Mill"
MEZ ○○-S○○G	494	Endmill (3-D) "Drill Mill Silver"
MEZ ○○-S○○-○○○G	494	Endmill (3-D) "Drill Mill Silver"
MEZ ○○○-S○○○HG	493	Endmill (3-D) "Drill Mill Silver"
MEZ ○○-S○○-○○○HG	494	Endmill (3-D) "Drill Mill Silver"
MFB ○○○R	446	Endmill "Hurricane"

Description	Page	Name
MGI ○○○○-1□	517	Endmill (Grooving for M/C)
MHD ○○-ORF	507	Front Piece "Radius Plus Mill"
MHD ○○-BT50-A	480	Endmill (Helical) "Plus Mill"
MHD ○○-BT50-SA	482	Endmill (Helical) "Plus Mill"
MHD ○○-F	479, 483	Front Piece "Plus Mill"
MHD ○○-FMA-A	480	Endmill (Helical) "Plus Mill"
MHD ○○-FMA-SA	481	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-ORC	506	Endmill (Helical) "Radius Plus Mill"
MHD ○○-S○○-ORSA	505	Endmill (Helical) "Radius Plus Mill"
MHD ○○-S○○-A	476	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-A-○○○	476	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-B	477	Endmill (Helical) "Plus Mill"
MHD ○○○-S○○○-C	477	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-C	477	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-SA	478	Endmill (Helical) "Plus Mill"
MHD ○○-S○○-SB	478	Endmill (Helical) "Plus Mill"
MRD ○○○○	505	Endmill (Radius)
MRF ○○-S○○	497	Endmill (Ball-Nose)
MRF ○○-S○○-○○○	497	Endmill (Ball-Nose)
MRFW ○○-S○○	497	Endmill (Ball-Nose)
MRFW ○○-S○○-○○○	497	Endmill (Ball-Nose)
MRP ○○○R-○○	456	Face Mill (Radius) "Radius Mill"
MRP ○○○R-○○-OT	456	Face Mill (Radius) "Radius Mill"
MRP ○○○-S○○-○○	501	Endmill (Radius) "Radius Mill"
MRZ ○○-C○○○	500	Endmill (Ball-Nose)
MRZ ○○-S○○	500	Endmill (Ball-Nose)
MRZ ○○-S○○-○○○	500	Endmill (Ball-Nose)
MS01-02	522	Spare Parts (Screw)
MSD 45○○	430	Face Mill (with Shank)
MSD 45○○-32	430	Face Mill (with Shank)
MSD 45○○○R	430	Face Mill
MSD-42	526	Spare Parts (Shim)
MSE 15○○	440	Face Mill (with Shank)
MSE 45○○	432	Face Mill (with Shank)
MSE 45○○-32	432	Face Mill (with Shank)
MSE 45○○○R	432	Face Mill
MSE-4215	526	Spare Parts (Shim)
MSE-4245	526	Spare Parts (Shim)
MSM ○○○	447	Face Mill "Hurricane"
MSO 45○○○R	436	Face Mill "Hurricane"
MSO 45○○○R-09	434	Face Mill "Hurricane"
MSO 45○○○R-E	436	Face Mill "Hurricane"
MSO 45○○-S	436	Face Mill (with Shank) "Hurricane"
MSO 45○○-S32-09	434	Face Mill (with Shank) "Hurricane"
MSO 90○○○R-○○	449	Face Mill "Square Mill"
MSO 90○○-S32-○○	449	Face Mill (with Shank) "Square Mill"
MSO-4T245	527	Spare Parts (Shim)
MSP 15○○	441	Face Mill (with Shank)
MSP 15○○○R	441	Face Mill
MSP-42	527	Spare Parts (Shim)
MSR ○○○	451	Face Mill
MSSN ^{1/2} ○○-○□	134	Toolholder (Turning)
MTE 90○○	453	Face Mill (with Shank)
MTE 90○○-32	453	Face Mill (with Shank)

Description	Page	Name
MTE 9000R	453	Face Mill
MTE-42	527	Spare Parts (Shim)
MTES 000	473	Endmill
MTGN% 00-0□	136	Toolholder (Turning)
MTP 45000-00W	438, 514	Endmill (Chamfering)
MTP 9000	455	Face Mill (with Shank)
MTP 90000-000W	455	Endmill
MTP 90000-R8	455	Endmill
MTPS 000	473	Endmill
MVG 0000	518	Endmill (Grooving for M/C)
MVJN% 00-0□	138	Toolholder (Turning)
MVLN% 0000□-00	138	Toolholder (Turning)
MVN-32	527	Spare Parts (Shim)
MVNN 0000□-00	139	Toolholder (Turning)
MWLN% 00-0□	140	Toolholder (Turning)
N		
NDC 000-B	420	Insert (Milling)
NDC 000-TR	421	Insert (Milling)
NDCT 000000FR	420	Insert (Milling)
NDCT 000000TR	420	Insert (Milling)
NDCT 000000TRX	421	Insert (Milling)
NDCW 000000FRX	117, 429	Insert (Milling)
NDKT 000000ER-N0	421	Insert (Milling)
NDKT 000000ER-V	421	Insert (Milling)
NDKT 000000TR	421	Insert (Milling)
NDKT 000000TR-V	421	Insert (Milling)
NDKW 000000ER	421	Insert (Milling)
NDKW 000000TR	421	Insert (Milling)
NDMM 000000ER-N0	422	Insert (Milling)
NDMM 000000ER-SP	422	Insert (Milling)
NDMM 000000ER-T	421	Insert (Milling)
NDMT 000000ER-D	422	Insert (Milling)
NDMT 000000ER-DH	422	Insert (Milling)
NEMT 000000ER-D	422	Insert (Milling)
NEMT 000000ER-DH	422	Insert (Milling)
NL34L	536	Spare Parts (Lock Pin)
NL46	536	Spare Parts (Lock Pin)
NL46L	536	Spare Parts (Lock Pin)
P		
P-03	536	Spare Parts (Shim Pin)
P-03S	536	Spare Parts (Shim Pin)
PC-1	540	Spare Parts (Punch)
PC-2	540	Spare Parts (Punch)
PCLN% 00-0	128	Toolholder (Turning)
PCLN% 0000□-00	128	Toolholder (Turning)
PCLN% 0000B-00	217	Boring Bar (Steel Bar)
PCLN% 0000B-00H	217	Boring Bar (Steel Bar)
PDHN% 0000□-00	130	Toolholder (Turning)
PDJN% 00-0	130	Toolholder (Turning)
PDJN% 0000□-00	130	Toolholder (Turning)
PDJN% 0000□-00U	130	Toolholder (Turning)
PDUN% 0000B-00	222	Boring Bar (Steel Bar)

Description	Page	Name
PDUN% 0000B-00H	222	Boring Bar (Steel Bar)
PH- 0000	247	Sleeve (for MicroBar)
PH 0000-00	211, 247	Sleeve (for MicroBar)
PH 00-0MM	211, 247	Sleeve (for MicroBar)
PRGC% 0000□-00	132	Toolholder (Turning)
PRGC% 0000□-00BE	141	Toolholder (Turning)
PRGC% 0000□-00BF	141	Toolholder (Turning)
PRGN% 0000□-00	131	Toolholder (Turning)
PRXC% 0000□-00	132	Toolholder (Turning)
PSB% 0000-00NBS	88, 110, 119	MicroBar (Boring)
PSB% 0000-00S	88, 210	MicroBar (Boring)
PSBN% 0000□-00	133	Toolholder (Turning)
PSBT% 0000-00S	88, 210	MicroBar (Boring)
PSDNN 0000□-00	133	Toolholder (Turning)
PSFG% 0000□-00S	89, 313	MicroBar (Grooving)
PSG% 000MB-000S	294	MicroBar (Grooving)
PSG% 0000-00S	88, 294	MicroBar (Grooving)
PSKN% 0000□-00	133	Toolholder (Turning)
PSSN% 0000□-00	134	Toolholder (Turning)
PST% 0000-00S	89, 359	MicroBar (Threading)
PTFN% 00-0	135	Toolholder (Turning)
PTFN% 0000□-00	135	Toolholder (Turning)
PTGN% 00-0	136	Toolholder (Turning)
PTGN% 0000□-00	136	Toolholder (Turning)
PTP3	527	Spare Parts (Shim)
PTP4	527	Spare Parts (Shim)
PTUN% 0000B-00	232	Boring Bar (Steel Bar)
PTUN% 0000B-00H	232	Boring Bar (Steel Bar)
PVLN% 0000□-00Q	138	Toolholder (Turning)
PVPN% 0000□-00Q	139	Toolholder (Turning)
PVNN 0000□-00Q	139	Toolholder (Turning)
PWLN% 00-0	140	Toolholder (Turning)
PWLN% 0000□-00	140	Toolholder (Turning)
PWLN% 0000B-00	241	Boring Bar (Steel Bar)
PWLN% 0000B-00H	241	Boring Bar (Steel Bar)
R		
RBG 00W	96	Insert (Ceramic)
RCGT 00ER	422	Insert (Milling)
RCGX 000000	96	Insert (Turning)
RCGX 000000T00000	96	Insert (Ceramic)
RCGX 0000M0-AQ	69	Insert (Turning)
RCMA 00000T00	96	Insert (Ceramic)
RCMT 0000M0-BB	69	Insert (Turning)
RCMX 0000M0	69	Insert (Turning)
RDCB 63	422	Insert (Milling)
RDFG 00FR	422	Insert (Milling)
RDMT 0000M0-H	422	Insert (Milling)
RNG 000000	46	Insert (Turning)
RNG 000000-T00	92	Insert (Ceramic)
RNGN 000000T00000	92	Insert (Turning)
RNMA 000	46, 422	Insert (Turning, Milling)
RNMG 000000	46	Insert (Turning)
RNMN 000000	100	Insert (CBN)

Description	Page	Name
RNMN ○○○○○○S	100	Insert (CBN)
RPMT ○○○○○○	423	Insert (Milling)
RPMT ○○○○○○M0	423	Insert (Milling)
RPMT ○○○○○○M0-H	423	Insert (Milling)
RPMT ○○○○○○M0-BB	69	Insert (Turning)
S		
S-7	539	Spare Parts (Spanner)
S-34	522	Spare Parts (Screw)
S-46	522	Spare Parts (Screw)
S-440	522	Spare Parts (Screw)
S-832	522	Spare Parts (Screw)
S-KTTX%L○○-○○	353	Toolholder (Threading)
SOO□- CCLN%L○○-○○A	245	Boring Bar (Steel Bar)
SOO□- CELN%L○○-○○	243	Boring Bar (Steel Bar)
SOO□- CSKN%L○○-○○	243	Boring Bar (Steel Bar)
SOO□- CSKN%L○○-○○A	245	Boring Bar (Steel Bar)
SOO□- CSKP%L○○-○○	223	Boring Bar (Steel Bar)
SOO□- CTUC%L○○-○○	244	Boring Bar (Steel Bar)
SOO□- CTUN%L○○-○○A	246	Boring Bar (Steel Bar)
SOO□- CTUP%L○○-○○	231	Boring Bar (Steel Bar)
SOO□- KTGFL○○	277	Sleeve Holder Tool
SOO□- KTTX○○	353	Sleeve Holder Tool
SOO□- PCLN%L○○-○○	217	Boring Bar (Steel Bar)
SOO□- PDUN%L○○-○○	222	Boring Bar (Steel Bar)
SOO□- PTUN%L○○-○○	232	Boring Bar (Steel Bar)
SOO□- PVLN%L○○-○○	241	Boring Bar (Steel Bar)
SOO□- SCLC○○	191	Small Tool
SOO□- SDUC○○	192	Small Tool
SOO□- SDLC○○	193	Small Tool
SOO□- SVUC○○	194	Small Tool
SOO□- SCLC%L○○-○○	213	Boring Bar (Steel Bar)
SOO□- SCLC%L○○-○○E	213, 215	Boring Bar (Excellent Bar)
SOO□- SCLP%L○○-○○	213	Boring Bar (Steel Bar)
SOO□- SCLP%L○○-○○E	213	Boring Bar (Excellent Bar)
SOO□- SDUC%L○○-○○	219	Boring Bar (Steel Bar)
SOO□- SDUC%L○○-○○E	219	Boring Bar (Excellent Bar)
SOO□- SDZC%L○○-○○	219	Boring Bar (Steel Bar)
SOO□- SDZC%L○○-○○E	219	Boring Bar (Excellent Bar)
SOO□- SIN%L○	356	Tool Holder (Threading)
SOO□- SSKP%L○○-○○	223	Boring Bar (Steel Bar)
SOO□- STUB%L○○-○○	225	Boring Bar (Steel Bar)
SOO□- STUB%L○○-○○E	225	Boring Bar (Excellent Bar)
SOO□- STUP%L○○-○○	225	Boring Bar (Steel Bar)
SOO□- STUP%L○○-○○E	225	Boring Bar (Excellent Bar)
SOO□- STWP%L○○-○○	229, 357	Toolholder (Boring/Threading)
SOO□- STWP%L○○-○○E	229, 357	Toolholder (Boring/Threading)
SOO□- SVJB%L○	234	Boring Bar (Steel Bar)
SOO□- SVJB%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVJC%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVJP%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVN%L○○	208	Swiss IQ Bar
SOO□- SVN%L○○S	208	Swiss IQ Bar
SOO□- SVN%L○○N	208	Swiss IQ Bar

Description	Page	Name
SOO□- SVN%L○○SN	208	Swiss IQ Bar
SOO□- SVN%L○○XN	209	Swiss IQ Bar
SOO□- SVPB%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVPC%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVUB%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVUC%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVZB%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SVZC%L○○-○○E	234	Boring Bar (Excellent Bar)
SOO□- SWUB%L○○-○○	239	Boring Bar (Steel Bar)
SOO□- SWUB%L○○-○○-○○	239	Boring Bar (Steel Bar)
SOO□- SWUB%L○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SWUP%L○○-○○E	239	Boring Bar (Excellent Bar)
SOO□- SYXP%L○○-○○E	233	Boring Bar (Excellent Bar)
SOO□- WWLN%L○○-○○	241	Boring Bar (Steel Bar)
SOO□- WWLN%L○○-○○E	241	Boring Bar (Excellent Bar)
SOO- DRS○○○○○	380	Drill "Magic Drill Mini"
SOO- DRZ○○○○(○)-○○	382-392	Drill "Magic Drill"
SOO- DRZ○○○○○-○○CR	393	Drill "Magic Drill"
SABS%L○-○	172	Toolholder (Turning) "Small Tools"
SABS%L○○○○□-○○F	172	Toolholder (Turning) "Small Tools"
SABW%L○-○	173, 174	Toolholder (Turning) "Small Tools"
SABW%L○○○○□-○○F	173, 174	Toolholder (Turning) "Small Tools"
SB-○○○	522-523	Spare Parts (Screw)
SC-○○○67	523	Spare Parts (Screw)
SCAC%L○-○	177	Toolholder (Turning) "Small Tools"
SCAC%L○○○○□-○○	177	Toolholder (Turning) "Small Tools"
SCGC%L○○	177	Toolholder (Turning) "Small Tools"
SCLC%L○○	176	Toolholder (Turning) "Small Tools"
SCLC%L○○○○□-○○	176	Toolholder (Turning) "Small Tools"
SCLC%L○○○○B-○○	213	Boring Bar (Steel Bar)
SCLC%L○○○○B-○○E	213	Boring Bar (Excellent Bar)
SCLC%L○○○○B-○○EH	215	Boring Bar (Excellent Bar)
SCLC%L○○○○B-○○W	213	Boring Bar (Carbide Shank Bar)
SCLC%L○○○○B-○○WH	215	Boring Bar (Carbide Shank Bar)
SCLC%L○○○B-○○W-AS	216	Boring Bar (Carbide Shank Bar)
SCLP%L○○○○B-○○	213	Boring Bar (Steel Bar)
SCLP%L○○○○B-○○E	213	Boring Bar (Excellent Bar)
SCLP%L○○○○B-○○EH	215	Boring Bar (Excellent Bar)
SCLP%L○○○○B-○○W	213	Boring Bar (Carbide Shank Bar)
SCLP%L○○○○B-○○WH	215	Boring Bar (Carbide Shank Bar)
SCMT ○○○○○○HQ	70	Insert (Turning)
SCRO○○	523	Spare Parts (Screw)
SDC ○○○○AUTN	425	Insert (Milling)
SDJC%L○-○	179	Toolholder (Turning) "Small Tools"
SDJC%L○○○○□-○○	179	Toolholder (Turning) "Small Tools"
SDJC%L○○○○□-○○F	179	Toolholder (Turning) "Small Tools"
SCGC%L○○	177	Toolholder (Turning) "Small Tools"
SDK(N) ○○○○AUFN	117, 429	Insert (Milling)
SDK(N) ○○○○AUTN	425	Insert (Milling)
SDKR ○○○○AUEN-S	425	Insert (Milling)
SDKW ○○○○○○FN	423	Insert (Milling)
SDKW ○○○○○○TN	423	Insert (Milling)
SDLC%L○○○○□-○○FF	180	Toolholder (Turning) "Small Tools"
SDLP%L○○○○□-○○F	183	Toolholder (Turning) "Small Tools"

Description	Page	Name
SDMR ○○○○AUER-H	425	Insert (Milling)
SDMT ○○○○○○C	423	Insert (Milling)
SDMT ○○○○E-K	423	Insert (Milling)
SDNCN ○-○	182	Toolholder (Turning) "Small Tools"
SDNCN ○○○○□-○○	182	Toolholder (Turning) "Small Tools"
SDNC%L ○○○○□-○○F	182	Toolholder (Turning) "Small Tools"
SDUC%L ○○○○B-○○	219	Boring Bar (Steel Bar)
SDUC%L ○○○○B-○○E	219	Boring Bar (Excellent Bar)
SDUC%L ○○○○B-○○W	219	Boring Bar (Carbide Shank Bar)
SDXC%L ○○○○□-○○	183	Toolholder (Turning) "Small Tools"
SDZC%L ○○○○B-○○	219	Boring Bar (Steel Bar)
SDZC%L ○○○○B-○○E	219	Boring Bar (Excellent Bar)
SE-40120TR	523	Spare Parts (Screw)
SE-50125TR	523	Spare Parts (Screw)
SEC(N) ○○○○○○	425	Insert (Milling)
SEEN ○○○○AFFN	117, 429	Insert (Milling)
SEEN ○○○○AFTN	425	Insert (Milling)
SEEN ○○○○EFTR	425	Insert (Milling)
SEG(N) ○○○○○○	429	Insert (Milling)
SEKN ○○○○AFFN	425	Insert (Milling)
SEKN ○○○○AFTN	425	Insert (Milling)
SEKN ○○○○AGTN	425	Insert (Milling)
SEKN ○○○○EFTR	425	Insert (Milling)
SEKR ○○○○AFEN-S	425	Insert (Milling)
SEKR ○○○○AGEN-S	425	Insert (Milling)
SEKT ○○○○AFEN-S	424	Insert (Milling)
SEKW ○○○○AFTN	424	Insert (Milling)
SEMM ○○○○○○PESR	423	Insert (Milling)
SEMR ○○○○AFER-H	425	Insert (Milling)
SEMT ○○○○○○C	423	Insert (Milling)
SH 3X6	523	Spare Parts (Screw)
SH 3X8	523	Spare Parts (Screw)
SH ○○○○-○○○	247, 216	Sleeve (for Boring Bar)
SHC ○○○○-○○	247	Coolant Sleeve (for Boring Bar)
SHC63	425, 426	Insert (Milling)
SHE ○○○○-○○	394	Sleeve (for Magic Drill)
SHEM ○○○○-○○	381	Sleeve (for Magic Drill Mini)
SI- CTUP%L○○-○	231	Boring Bar (Steel Bar)
SI- GIV%L○○-○○	286	Toolholder (Grooving)
SI- PCLN%L○○-○	217	Boring Bar (Steel Bar)
SI- SCLN%L○○-○	213	Boring Bar (Steel Bar)
SI- SDUN%L○○-○	219	Boring Bar (Steel Bar)
SI- SDZC%L○○-○	219	Boring Bar (Steel Bar)
SI- SIT%L○○-○	229	Toolholder (Boring/Threading)
SI- STUN%L○○-○	225	Boring Bar (Steel Bar)
SI- SVJN%L○○-○	234	Boring Bar (Steel Bar)
SI- SWUN%L○○-○	239	Boring Bar (Steel Bar)
SIN%L ○○○○S-○○	356	Toolholder (Threading)
SIN%L ○○○○S-○○E	356	Toolholder (Threading)
SIT%L ○○○○-○○	229	Toolholder (Boring/Threading)
SJS-	248	Coolant Joint (for Boring Bar)
SKC-2	523	Spare Parts (Bolt)
SKC-3	523	Spare Parts (Bolt)
SL-1	247	Sleeve

Description	Page	Name
SL-2	247	Sleeve
SL-2.5-10	247	Sleeve
SMK	426	Insert (Milling)
SNC(N) ○○LO	426	Insert (Milling)
SNC(N) ○○○○XNTN	426	Insert (Milling)
SNGA ○○○○○○	48	Insert (Turning)
SNGA ○○○○○○ME-T	100	Insert (CBN)
SNGA ○○○○○○S2E	100	Insert (CBN)
SNGA ○○○○○○T○○○○○	93	Insert (Ceramic)
SNGG ○○○○○○DP	47	Insert (Turning)
SNGG ○○○○○○%L-25R	48	Insert (Turning)
SNGG ○○○○○○%L-B/C	48	Insert (Turning)
SNGG ○○○○○○%L-Y	48	Insert (Turning)
SNG(N) ○○○○○○	47	Insert (Turning)
SNG(N) ○○○○○○-T○○	92, 93	Insert (Ceramic)
SNG(N) ○○○○○○T○○○○○	93	Insert (Ceramic)
SNGX ○○○○○○T○○○○○	93	Insert (Ceramic)
SNK	426	Insert (Milling)
SNKN ○○○○XNTN	426	Insert (Milling)
SNMA ○○○○○○	48	Insert (Turning)
SNMA ○○○○○○-T○○	93	Insert (Ceramic)
SNMF ○○○○○○	50	Insert (Turning)
SNMF ○○○○XNTN	426	Insert (Milling)
SNMG ○○○○○○	48	Insert (Turning)
SNMG ○○○○○○C	48	Insert (Turning)
SNMG ○○○○○○GC	48	Insert (Turning)
SNMG ○○○○○○HK	48	Insert (Turning)
SNMG ○○○○○○HQ	49	Insert (Turning)
SNMG ○○○○○○HS	49	Insert (Turning)
SNMG ○○○○○○HT	49	Insert (Turning)
SNMG ○○○○○○PS	49	Insert (Turning)
SNMG ○○○○○○PT	49	Insert (Turning)
SNMG ○○○○○○XP	49	Insert (Turning)
SNMG ○○○○○○XQ	49	Insert (Turning)
SNMG ○○○○○○XS	49	Insert (Turning)
SNMG ○○○○○○ZS	49	Insert (Turning)
SNMM ○○○○○○HX	49	Insert (Turning)
SNMN ○○○○○○	47	Insert (Turning)
SNMN ○○○○○○S	93	Insert (Ceramic)
SNM ○○○○○○	100	Insert (CBN)
SOKN 13T3AXFN	426	Insert (Milling)
SOKN 13T3AXTN	426	Insert (Milling)
SOKR 13T3AXEN-J	426	Insert (Milling)
SOMT 0903AXEN-J	424	Insert (Milling)
SOMW 0903AXFN	424	Insert (Milling)
SOMW 0903AXTN	424	Insert (Turning)
SP-5	540	Spare Parts (Spring)
SP-6	540	Spare Parts (Spring)
SP-8	540	Spare Parts (Spring)
SP3X6	524	Spare Parts (Screw)
SP3X8	524	Spare Parts (Screw)
SP3X10	524	Spare Parts (Screw)
SP-129	527-528	Spare Parts (Shim)
SPC ○○○○EDT%L	427	Insert (Milling)

Description	Page	Name
SPC ○○○○EET%Ls	427	Insert (Milling)
SPC ○○○○XPT%L	427	Insert (Milling)
SPGH ○○○○○○%L	70	Insert (Turning)
SPG ○○○	113	Insert (PCD)
SPG ○○○	426	Insert (Milling)
SPG ○○○○○○	70, 429	Insert (Turning, Milling)
SPGN ○○○○○○ME-T	106	Insert (CBN)
SPG ○○○T○○○	95	Insert (Ceramic)
SPGR ○○○○○○%L	71	Insert (Turning)
SPK ○○○○EDF%L	427	Insert (Milling)
SPK ○○○○EDT%L	427	Insert (Milling)
SPK ○○○○XET%L	427	Insert (Milling)
SPK ○○○○XPF%L	427	Insert (Milling)
SPK ○○○○XPT%L	427	Insert (Milling)
SPKR ○○○○EDER-S	427	Insert (Milling)
SPM ○○○○○○	70	Insert (Turning)
SPM ○○○	427	Insert (Milling)
SPMR ○○○○○○	71	Insert (Turning)
SPMR ○○○○○○G	71	Insert (Turning)
SPMR ○○○○EDER-H	427	Insert (Milling)
SPMT ○○○○○○E-Z	423	Insert (Milling)
SP-RC	528	Spare Parts (Shim)
SPU ○○○○○○	70, 427	Insert (Turning, Milling)
SRCP%L ○○○○B-○○-A○○	242	Boring Bar (Steel Bar)
SSKP%L ○○○○B-○○	223	Boring Bar (Steel Bar)
STGC%L ○-○	184	Toolholder (Turning) "Small Tools"
STGC%L ○○○○□-○○	184	Toolholder (Turning) "Small Tools"
STGO%L ○○-○	184	See STGC%L
STGP%L ○○○○□-○○	184	Toolholder (Turning) "Small Tools"
STUB%L ○○○○B-○○	225	Boring Bar (Steel Bar)
STUB%L ○○○○B-○○E	225	Boring Bar (Excellent Bar)
STUB%L ○○○○B-○○W	225	Boring Bar (Carbide Shank Bar)
STUP%L ○○○○B-○○	225	Boring Bar (Steel Bar)
STUP%L ○○○○B-○○E	225	Boring Bar (Excellent Bar)
STUP%L ○○○○B-○○EH	227	Boring Bar (Excellent Bar)
STUP%L ○○○○B-○○W	225	Boring Bar (Carbide Shank Bar)
STUP%L ○○○○B-○○WH	227	Boring Bar (Carbide Shank Bar)
STUP%L ○○○B-○○W-AS	228	Boring Bar (Carbide Shank Bar)
STVP%L ○○-○	354	Toolholder (Threading)
STXB%L ○○○○○○B-○○W	230	Boring Bar (Carbide Shank Bar)
STXP%L ○○○○○○B-○○W	230	Boring Bar (Carbide Shank Bar)
STZB%L ○○○○○○B-○○W	230	Boring Bar (Carbide Shank Bar)
SVJB%L ○-○	187	Toolholder (Turning) "Small Tools"
SVJB%L ○○○○□-○○	187	Toolholder (Turning) "Small Tools"
SVJB%L ○○○○□-○○F	187	Toolholder (Turning) "Small Tools"
SVJB%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVJC%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVJO%L ○○-○	234	See SVJC%L
SVJP%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVLP%L ○○○○□-○○F	188	Toolholder (Turning) "Small Tools"
SVLP%L ○○F	189	Toolholder (Turning) "Small Tools"
SVPP%L ○○F	189	Toolholder (Turning) "Small Tools"
SVN-32	528	Spare Parts (Shim)
SVN%L ○○○○□-○○	207	Toolholder (Swiss IQ)

Description	Page	Name
SVNS%L ○○-○○-○○	207	Toolholder (Swiss IQ)
SVNS%L ○○○○□-○○	207	Toolholder (Swiss IQ)
SVNS%L ○○○○□-○○-○○N	207	Toolholder (Swiss IQ)
SVNS%L ○○○○□-○○-○○XN	207	Toolholder (Swiss IQ)
SVPB%L ○○○○□-○○	188	Toolholder (Turning) "Small Tools"
SVPP%L ○○○○□-○○	188	Toolholder (Turning) "Small Tools"
SVQB%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVQC%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVUB%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVUC%L ○○○○B-○○E	234	Boring Bar (Excellent Bar)
SVVBN ○○○○□-○○	186	Toolholder (Turning) "Small Tools"
SWLO%L ○○-○	190	See SWLP%L
SWLP%L ○-○	190	Toolholder (Turning) "Small Tools"
SWUB%L ○○○○B-○○	239	Boring Bar (Steel Bar)
SWUB%L ○○○○B-○○-○○	239	Boring Bar (Steel Bar)
SWUB%L ○○○○B-○○E	239	Boring Bar (Excellent Bar)
SWUB%L ○○○○B-○○	239	Boring Bar (Carbide Shank Bar)
SWUB%L ○○B-○○W-AS	237	Boring Bar (Carbide Shank Bar)
SWUP%L ○○○○B-○○E	239	Boring Bar (Excellent Bar)
SWUP%L ○○○○B-○○	239	Boring Bar (Carbide Shank Bar)
SYXP%L ○○○○□-○○F	190	Toolholder (Turning) "Small Tools"
T		
T33AH	537	Spare Parts (Chipbreaker)
TBG ○○○	106	Insert (CBN)
TBG ○○○	114	Insert (PCD)
TBGN ○○○○○T○○	96	Insert (Ceramic)
TBGT ○○○○○○CF	73	Insert (Turning)
TBGT ○○○○○○%L	73	Insert (Turning)
TBGW ○○○	114	Insert (PCD)
TBGW ○○○○○○	73	Insert (Turning)
TBMT ○○○○○○	114	Insert (PCD)
TBMT ○○○○○○DP	73	Insert (Turning)
TCET ○○○○○○F%L-USF	73	Insert (Turning)
TCG ○○○○○○	76	Insert (Turning)
TCG ○○○T○○	96	Insert (Ceramic)
TCGR ○○○○○○%L-F	76	Insert (Turning)
TCGT ○○○○○○E%L-U	73	Insert (Turning)
TCGT ○○○○○○F%L-U	73	Insert (Turning)
TCGT ○○○○○○%L	73	Insert (Turning)
TCGT ○○○○○○%L-A3	73	Insert (Turning)
TCGW ○○○○○○F	73	Insert (Turning)
TCGW ○○○○○○SE	114	Insert (PCD)
TCMT ○○○○○○HP	74	Insert (Turning)
TCMT ○○HP	378	Insert (Drilling)
TCMT ○○○○○○HQ	74, 378	Insert (Turning)
TCMT ○○○○○○SE	114	Insert (PCD)
TCMW ○○○○○○SE	106	Insert (CBN)
TEEN ○○○○PTFR	117, 429	Insert (Milling)
TEEN ○○○○PTTR	429	Insert (Milling)
TEKN ○○○○PTFR	117	Insert (Milling)
TEKN ○○○○PTTR	429	Insert (Milling)
TEKR ○○○○PTFR-S	427	Insert (Milling)
TEMR ○○○○PTFR-H	427	Insert (Milling)

Description	Page	Name
TEMT ○○○○○○-AQ	423	Insert (Milling)
TGF ○○%L○○○	118, 264	Insert (Grooving)
TGF ○○%L S○○○-S	264	Insert (Grooving)
TGF ○○%L S○○○-SRG	264	Insert (Grooving)
TH-4	538	Spare Parts (Wrench) Hexagon
TH8X15	524	Spare Parts (Screw)
TKF ○○%L○○○-NB	327, 328	Insert (Cutting-Off)
TKF ○○%L○○○-NB-○○DR	327, 328	Insert (Cutting-Off)
TKF ○○%L○○○-S	327	Insert (Cutting-Off)
TKF ○○%L○○○-S-○○DR	327	Insert (Cutting-Off)
TKN ○	328	Insert (Cutting-Off) *CERACUT Cut-Off
TKN ○P	328	Insert (Cutting-Off) *CERACUT Cut-Off
TK%L ○	328	Insert (Cutting-Off) *CERACUT Cut-Off
TK%L ○P	328	Insert (Cutting-Off) *CERACUT Cut-Off
TN-32	529	Spare Parts (Shim)
TN-43	529	Spare Parts (Shim)
TNC ○○○○ANT	428	Insert (Milling)
TNEG ○○○○○○%L-SSF	53	Insert (Turning)
TNGA ○○○○○○	52	Insert (Turning)
TNGA ○○○○○○ME-T	101	Insert (CBN)
TNGA ○○○○○○S3E	101	Insert (CBN)
TNGA ○○○○○○SE	101	Insert (CBN)
TNGA ○○○○○○SE-T	101	Insert (CBN)
TNGA ○○○○○○-T○○	94-95	Insert (Ceramic)
TNGA ○○○○○○	101	Insert (CBN)
TNGG ○○○○○○DP	52	Insert (Turning)
TNGG ○○○○○○%L	52	Insert (Turning)
TNGG ○○○○○○%L-25R	52	Insert (Turning)
TNGG ○○○○○○%L-B/C/D	52, 53	Insert (Turning)
TNGG ○○○○○○%L-A3	52	Insert (Turning)
TNGG ○○○○○○%L-F1	53	Insert (Turning)
TNGG ○○○○○○%L-S	53	Insert (Turning)
TNGG ○○○○○○%L-Y	53	Insert (Turning)
TNGM ○○○○○○BBO	101	Insert (CBN)
TNG ○○○○○○	52	Insert (Turning)
TNGN ○○○○○○-T○○	94	Insert (Ceramic)
TNGN ○○○○○○T○○○○○	94	Insert (Ceramic)
TNMA ○○○○○○	52	Insert (Turning)
TNMC ○○□□□	265	Insert (Grooving)
TNMC ○○□□□	347	Insert (Threading)
TNMG ○○○○○○	53	Insert (Turning)
TNMG ○○○○○○AH	53	Insert (Turning)
TNMG ○○○○○○C	54	Insert (Turning)
TNMG ○○○○○○CQ	54	Insert (Turning)
TNMG ○○○○○○CS	54	Insert (Turning)
TNMG ○○○○○○DP	52	Insert (Turning)
TNMG ○○○○○○GC	54	Insert (Turning)
TNMG ○○○○○○GP	54	Insert (Turning)
TNMG ○○○○○○GS	54	Insert (Turning)
TNMG ○○○○○○GT	54	Insert (Turning)
TNMG ○○○○○○GU	54	Insert (Turning)
TNMG ○○○○○○HK	54	Insert (Turning)
TNMG ○○○○○○HQ	54	Insert (Turning)
TNMG ○○○○○○HS	55	Insert (Turning)

Description	Page	Name
TNMG ○○○○○○HT	55	Insert (Turning)
TNMG ○○○○○○HU	55	Insert (Turning)
TNMG ○○○○○○PS	55	Insert (Turning)
TNMG ○○○○○○PT	55	Insert (Turning)
TNMG ○○○○○○%L-C	53	Insert (Turning)
TNMG ○○○○○○%L-ST	56	Insert (Turning)
TNMG ○○○○○○SU	55	Insert (Turning)
TNMG ○○○○○○XP	55	Insert (Turning)
TNMG ○○○○○○XQ	55	Insert (Turning)
TNMG ○○○○○○XS	55	Insert (Turning)
TNMG ○○○○○○ZS	55	Insert (Turning)
TNMM ○○○○○○M	111	Insert (PCD)
TNMM ○○○○○○M-SE	111	Insert (PCD)
TNM ○○○○○○	52	Insert (Turning)
TNMN ○○○○○○	101	Insert (CBN)
TNMP ○○○	56	Insert (Turning)
TNMP ○○○○○○TK	56	Insert (Turning)
TNN ○○E%L○○NPT	345	Insert (Threading)
TNN ○○E%L○○OPT	345	Insert (Threading)
TNN ○○E%L○○PT-TS	345	Insert (Threading)
TNN ○○E%L○○UN	345	Insert (Threading)
TNN ○○E%L○○W	345	Insert (Threading)
TNN ○○E%L○○W-TS	345	Insert (Threading)
TNN ○○E%L○○OM	344	Insert (Threading)
TNN ○○E%L○○OM-TS	344	Insert (Threading)
TNN ○○E%L○○○TR	345	Insert (Threading)
TNN ○○E%L○○○○	345	Insert (Threading)
TNN ○○E%L○○○○-TS	345	Insert (Threading)
TNN ○○I%L○○NPT	348	Insert (Threading)
TNN ○○I%L○○OPT	348	Insert (Threading)
TNN ○○I%L○○OPTS	348	Insert (Threading)
TNN ○○I%L○○UN	347	Insert (Threading)
TNN ○○I%L○○W	347	Insert (Threading)
TNN ○○I%L○○W-TS	348	Insert (Threading)
TNN ○○I%L○○OM	347	Insert (Threading)
TNN ○○I%L○○OM-TS	347	Insert (Threading)
TNN ○○I%L○○○TR	348	Insert (Threading)
TNN ○○I%L○○○○(○)	348	Insert (Threading)
TNN ○○I%L○○○○(○)-TS	348	Insert (Threading)
TP ○○	74	Insert (Turning)
TPC ○○P4R	428	Insert (Milling)
TPET ○○○○○○%L-FSF	74	Insert (Turning)
TPET ○○○○○○F%L-USF	74	Insert (Turning)
TPG ○○○○○○	76, 429	Insert (Turning, Milling)
TPG ○○○	114	Insert (PCD)
TPG ○○○SE	115	Insert (PCD)
TPGB ○○○○○○	74, 349	Insert (Turning)
TPGB ○○○	115	Insert (PCD)
TPGB ○○○○○○ME-T	107	Insert (CBN)
TPGB ○○○○○○SE	107	Insert (CBN)
TPGB ○○○SE	115	Insert (PCD)
TPGB ○○○○○○SE-T	107	Insert (CBN)
TPGH ○○○○○○%L	75	Insert (Turning)
TPGH ○○○○○○%L-H	75	Insert (Turning)

Description	Page	Name
TPGH ○○○F%LU	75	Insert (Turning)
TPGN ○○○○○○SE	106	Insert (CBN)
TPGN ○○○○○○SE-T	107	Insert (CBN)
TPGN ○○○○○○SE-T○○○○○	107	Insert (CBN)
TPG ○○○○○○T○○○○○	96	Insert (Ceramic)
TPGR ○○○○○○DP	77	Insert (Turning)
TPGR ○○○○○○%L-A/B/C	77	Insert (Turning)
TPGR ○○○○○○%L-F	77	Insert (Turning)
TPGT ○○○○○○CF	75	Insert (Turning)
TPGT ○○○○○○L-H	75	Insert (Turning)
TPGW ○○○○○○ME-T	107	Insert (CBN)
TPGW ○○○○○○SE	107	Insert (CBN)
TPGW ○○○○○○SE-T	107	Insert (CBN)
TPKN ○○○○PDR	428	Insert (Milling)
TPKN ○○○○PDTR	428	Insert (Milling)
TPKR ○○○○PDER-S	428	Insert (Milling)
TPMB ○○○□□	265	Insert (Grooving)
TPMC ○○○□□	347	Insert (Threading)
TPMC ○○○□□	265	Insert (Grooving)
TPMH ○○○○○○	115	Insert (PCD)
TPMH ○○○○○○SE	115	Insert (PCD)
TPM ○○○○○○	77, 428	Insert (Milling)
TPMR ○○○○○○	77	Insert (Turning)
TPMR ○○○○○○DP	77	Insert (Turning)
TPMR ○○○○○○G	77	Insert (Turning)
TPMR ○○○○○○GP	77	Insert (Turning)
TPMR ○○○○○○HQ	77	Insert (Turning)
TPMR ○○○○PDER-H	428	Insert (Milling)
TPMT ○○○○○○GP	75	Insert (Turning)
TPMT ○○○○○○HQ	75	Insert (Turning)
TPMT ○○○○○○XP	75	Insert (Turning)
TPMT ○○○○○○XQ	75	Insert (Turning)
TPU ○○○○○○	77, 428	Insert (Milling)
TS-3S	536	Spare Parts (Lock Pin)
TT ○○○E%L○○○M	346	Insert (Threading)
TT ○○○%L○○○○	346, 349	Insert (Threading)
TT-25	538	Spare Parts (Wrench) Hexagon
TT-30	538	Spare Parts (Wrench) Hexagon
TTX2 ○○○%L○○○○(○)	346	Insert (Threading)
TTX ○○○%L○○○○(○)S	346	Insert (Threading)
TW-125	538	Spare Parts (Wrench) Hexagon
V		
VBET ○○○○○○%L-FSF	78	Insert (Turning)
VBGT ○○○○○○EN-Z	78	Insert (Turning)
VBGT ○○○○○○FN-Z	78	Insert (Turning)
VBGT ○○○○○○%L-F	79	Insert (Turning)
VBGT ○○○○○○%L-Y	79	Insert (Turning)
VBGW ○○○○○○ME-T	108	Insert (CBN)
VBGW ○○○○○○S2E	108	Insert (CBN)
VBGW ○○○○○○SE	108	Insert (CBN)
VBGW ○○○○○○SE-T	108	Insert (CBN)
VBMT ○○○○○○	116	Insert (PCD)
VBMT ○○○○○○GP	79	Insert (Turning)

Description	Page	Name
VBMT ○○○○○○HQ	79	Insert (Turning)
VBMW ○○○○○○	108	Insert (Turning)
VBMW ○○○○○○SE	108	Insert (CBN)
VCGT ○○○○○○	79	Insert (Turning)
VCGT ○○○○○○AH	79	Insert (Turning)
VCGT ○○○○○○FN-Z	79	Insert (Turning)
VCGT ○○○○○○%L-A3	79	Insert (Turning)
VCGT ○○○○○○%L-Y	79	Insert (Turning)
VCGW ○○○○○○S2E	108	Insert (CBN)
VCGW ○○○○○○SE	108	Insert (CBN)
VCGW ○○○○○○SE-T	108	Insert (CBN)
VCMT ○○○○○○	116	Insert (PCD)
VCMT ○○○○○○HQ	79	Insert (Turning)
VNB%L ○○○○-○○(○)	85, 204	Swiss IQ Bar (Boring)
VNB%L ○○○○-○○(○)S	85	Swiss IQ Bar (Boring)
VNB%L ○○○○-○○(○)NB	85, 119	Swiss IQ Bar (Boring)
VNBT%L ○○○○-○○(○)	86, 204	Swiss IQ Bar (Boring)
VNBX%L ○○○○-○○(○)S	86, 206	Swiss IQ Bar (Boring)
VNFG%L ○○○○-○○	87, 312	Swiss IQ Bar (Grooving)
VNFG%L ○○○○-○○NB	119, 312	Swiss IQ Bar (Grooving)
VNG%L ○○○○-○○	87, 293	Swiss IQ Bar (Grooving)
VNG%L ○○○○-○○NB	119, 293	Swiss IQ Bar (Grooving)
VNGA ○○○○○○	56	Insert (Turning)
VNGA ○○○○○○ME-T	102	Insert (CBN)
VNGA ○○○○○○S2E	102	Insert (CBN)
VNGA ○○○○○○SE	102	Insert (CBN)
VNGA ○○○○○○SE-T	102	Insert (CBN)
VNGA ○○○○○○T○○○○○	95	Insert (Ceramic)
VNGG ○○○○○○%L	57	Insert (Turning)
VNGG ○○○%LY	57	Insert (Turning)
VNMA ○○○○○○T○○	95	Insert (Ceramic)
VNMG ○○○○○○	57	Insert (Turning)
VNMG ○○○○○○DP	57	Insert (Turning)
VNMG ○○○○○○GP	57	Insert (Turning)
VNMG ○○○○○○GU	57	Insert (Turning)
VNMG ○○○○○○HQ	57	Insert (Turning)
VNMG ○○○○○○SU	57	Insert (Turning)
VNMG ○○○○○○TN-V	57	Insert (Turning)
VNMG ○○○○○○VF	57	Insert (Turning)
VNMG ○○○○○○XP	58	Insert (Turning)
VNMM ○○○○○○M	111	Insert (PCD)
VNMM ○○○○○○M-SE	111	Insert (PCD)
VNMX ○○○○	58	Insert (Turning)
VNT%L ○○○○-○○	87, 360	Swiss IQ Bar (Threading)
VPET ○○○○○○%L-FSF	80	Insert (Turning)
VPET ○○○○○○F%L-USF	80	Insert (Turning)
VPGT ○○○○○○CF	80	Insert (Turning)
VPGT ○○○○○○CK	80	Insert (Turning)
VPGT ○○○○○○F%L-U	80	Insert (Turning)
W		
W-6	540	Spare Parts (Washer)
W-6-14	540	Spare Parts (Washer)
W-8	540	Spare Parts (Washer)

Description	Page	Name
W8X18	524	Spare Parts (Screw)
WB-5	540	Spare Parts (Washer)
WB-6	540	Spare Parts (Washer)
WB-8	540	Spare Parts (Washer)
WBG T ○○○○○○%L-F	81	Insert (Turning)
WBGW ○○○○○○%L	81	Insert (Turning)
WBGW ○○○○○○%L-SE	109	Insert (CBN)
WBGW ○○○○○○%L-SE-T	109	Insert (CBN)
WBMT ○○○○○○%L	116	Insert (PCD)
WBMT ○○○○○○%L-DP	81	Insert (Turning)
WCMT ○○○○○○	378	Insert (Drilling)
WCGT ○○○○○○%L-F	82	Insert (Turning)
WC504	532	Spare Parts (Clamp)
WCS-1N	535	Spare Parts (Clamp Set)
WCS-8	535	Spare Parts (Clamp Set)
WCS-400	524	Spare Parts (Screw)
WN-1	540	Spare Parts (Shim Nut)
WNGA ○○○○○○ME-T	103	Insert (CBN)
WNGA ○○○○○○SE	103	Insert (CBN)
WNGA ○○○○○○S3E	103	Insert (CBN)
WNGA ○○○○○○SE-T	103	Insert (CBN)
WNGA ○○○○○○T○○○○○	95	Insert (Ceramic)
WNGG ○○○○○○%L	59	Insert (Turning)
WNGG ○○○○○○%L-S	59	Insert (Turning)
WNMA ○○○○○○	59	Insert (Turning)
WNMG ○○○○○○	59	Insert (Turning)
WNMG ○○○○○○AH	59	Insert (Turning)
WNMG ○○○○○○C	59	Insert (Turning)
WNMG ○○○○○○CQ	59	Insert (Turning)
WNMG ○○○○○○CS	59	Insert (Turning)
WNMG ○○○○○○GC	59	Insert (Turning)
WNMG ○○○○○○GP	59	Insert (Turning)
WNMG ○○○○○○GS	60	Insert (Turning)
WNMG ○○○○○○GT	60	Insert (Turning)
WNMG ○○○○○○GU	60	Insert (Turning)
WNMG ○○○○○○HQ	60	Insert (Turning)
WNMG ○○○○○○HS	60	Insert (Turning)
WNMG ○○○○○○HT	60	Insert (Turning)
WNMG ○○○○○○HU	60	Insert (Turning)
WNMG ○○○○○○PS	60	Insert (Turning)
WNMG ○○○○○○PT	60	Insert (Turning)
WNMG ○○○○○○SU	61	Insert (Turning)
WNMG ○○○○○○WP	61	Insert (Turning) "Wiper Insert"
WNMG ○○○○○○WQ	61	Insert (Turning) "Wiper Insert"
WNMG ○○○○○○XP	61	Insert (Turning)
WNMG ○○○○○○XQ	61	Insert (Turning)
WNMG ○○○○○○XS	61	Insert (Turning)
WNMG ○○○○○○ZS	61	Insert (Turning)
WNMM ○○○○○○M	111	Insert (PCD)
WNMM ○○○○○○M-SE	111	Insert (PCD)
WNMP ○○○○○○TK	61	Insert (Turning)
WNMX ○○○○○○E%L	61	Insert (Turning)
WP-1S	536	Spare Parts (Shim Pin)
WP5X11	536	Spare Parts (Shim Pin)

Description	Page	Name
WP5X15	536	Spare Parts (Shim Pin)
WPGT ○○○○○○%L-Y	82	Insert (Turning)
WPGW ○○○○○○	82	Insert (Turning)
WPGW ○○○○○○SE-T	109	Insert (CBN)
WPMT ○○○○○○	116	Insert (PCD)
WPMT ○○○○○○GP	82	Insert (Turning)
WPMT ○○○○○○HQ	82	Insert (Turning)
WPMW ○○○○○○	82	Insert (Turning)
WSP-1	540	Spare Parts (Spacer)
WTENN ○○○○□-○ON	137	Toolholder (Turning)
WTJN%L ○○○○□-○ON	137	Toolholder (Turning)
WTKN%L ○○○○□-○ON	137	Toolholder (Turning)
WTN-33	529	Spare Parts (Shim)
WWLN%L ○○○○□-○○	140	Toolholder (Turning)
WWLN%L ○○○○B-○○E	241	Boring Bar (Excellent Bar)
WWN-42	529	Spare Parts (Shim)
WWP-42	529	Spare Parts (Shim)
X		
XNS-○○		524 Spare Parts (Screw)
Y		
YCMT ○○○○ER	423	Insert (Milling)
YCMT ○○○○ER-H	424	Insert (Milling)
YPGT ○○○○○○%L-F	83	Insert (Turning)
YPGT ○○○○○○F%L-U	83	Insert (Turning)
Z		
ZCMT ○○○○	378	Insert (Drilling)
ZCMT ○○○○SP	378	Insert (Drilling)
ZCMT ○○○○SU	378	Insert (Drilling)

