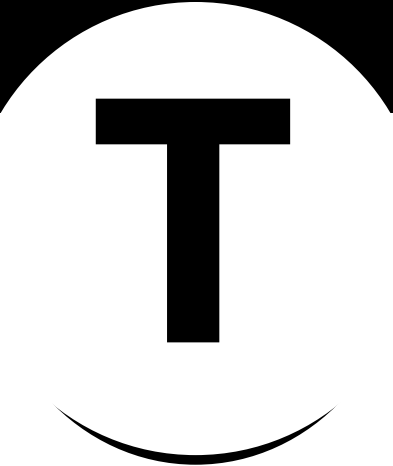


INDEX



T

T2 - T20

Listed in Alphanumeric Order

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	Numeric		
	16ER AOO	J12, J14	Insert (Threading)
B	16ER AGOO	J12, J14	Insert (Threading)
	16ER GOO	J12, J14	Insert (Threading)
	16ER AOO-TF	J12, J14	Insert (Threading) / TF Series
	16ER AGOO-TF	J12, J14	Insert (Threading) / TF Series
	16ER GOO-TF	J12, J14	Insert (Threading) / TF Series
	16ER OOBSP	J10	Insert (Threading)
	16ER OOBSP-TF	J10	Insert (Threading) / TF Series
	16E% OO(O)NPT	J10	Insert (Threading)
	16ER OOUN	J8	Insert (Threading)
	16ER OOUN-TF	J8	Insert (Threading) / TF Series
C	16ER OOW	J8	Insert (Threading)
	16ER OOW-TF	J8	Insert (Threading) / TF Series
	16E% OOOISO	J6	Insert (Threading)
	16ER OOOISO-TF	J6	Insert (Threading) / TF Series
	16ER OOOTR	J14	Insert (Threading)
	16ER OOOO	J12, J14	Insert (Threading)
	22ER NOO	J12, J14	Insert (Threading)
	22ER OOUN	J8	Insert (Threading)
	22ER OOOISO	J6	Insert (Threading)
	22ER OOOTR	J14	Insert (Threading)
D	06IR OOO(O)	J13, J15	Insert (Threading)
	08IR OOO(O)	J13, J15	Insert (Threading)
	111% AOO	J13, J15	Insert (Threading)
	111% OOBSP	J11	Insert (Threading)
	111% OOBSP-TF	J11	Insert (Threading) / TF Series
	111% OOOISO	J7	Insert (Threading)
	11IR OOOISO-TF	J7	Insert (Threading) / TF Series
	11IR OOOOO	J13, J15	Insert (Threading)
	161% AOO	J13, J15	Insert (Threading)
	16IR AGOO	J13, J15	Insert (Threading)
E	16IR GOO	J13, J15	Insert (Threading)
	161% OOBSP	J11	Insert (Threading)
	161% OOBSP-TF	J11	Insert (Threading) / TF Series
	161% OOUN	J9	Insert (Threading)
	161% OOUN-TF	J9	Insert (Threading) / TF Series
	161% OOW	J9	Insert (Threading)
	161% OOW-TF	J9	Insert (Threading) / TF Series
	161% OOOISO	J7	Insert (Threading)
	16IR OOOISO-TF	J7	Insert (Threading) / TF Series
	16IR OOOTR	J15	Insert (Threading)
F	16IR OOO(O)	J13, J15	Insert (Threading)
	22IR NOO	J15	Insert (Threading)
	22IR OOUN	J9	Insert (Threading)
	22IR OOOISO	J7	Insert (Threading)
	22IR OOOTR	J15	Insert (Threading)
	22IR OOOOO	J13	Insert (Threading)
	5/64 Hex	D14, D19	Spare Parts (Hexagon Wrench / L-shaped Type)
	7/64 Hex	G31, G71, J16, J17	Spare Parts (Hexagon Wrench / L-shaped Type)
	556C%	D25, P8	Spare Parts (Shim)
	G	A	
A63-WH- COO-OO(O)		N10	Toolholder (HSK Tooling / Previous Description)
A63-WH- KGBA% -16		N9	Grooving (HSK Tooling / Previous Description)
A63-WH- KGBA% -22-OO		N9	Grooving (HSK Tooling / Previous Description)
A63-WH- KTNR-OO		N9	Threading (HSK Tooling / Previous Description)
A63-WH- NOO-OO(O)		N10	Toolholder (HSK Tooling / Previous Description)
A63-WH- PCLN% -DX12		N5	Toolholder (HSK Tooling / Previous Description)
A63-WH- PCMNN-□12		N5	Toolholder (HSK Tooling / Previous Description)
A63-WH- PDJN% -DX15		N5	Toolholder (HSK Tooling / Previous Description)
A63-WH- PDNNN-□15		N6	Toolholder (HSK Tooling / Previous Description)

Part Number	Page	Description
A63-WH- PTGN%-DX16	N6	Toolholder (HSK Tooling / Previous Description)
A63-WH- PWLN%-DX08	N7	Toolholder (HSK Tooling / Previous Description)
A63-WH- S2525%-105	N3	Toolholder (HSK Tooling / Previous Description)
A63-WH- WTENN-□16	N6	Toolholder (HSK Tooling / Previous Description)
A63-WH- WWMNN-□08	N7	Toolholder (HSK Tooling / Previous Description)
AOO□- DCLN% O	F77	Boring Bars (Double Clamp)
AOO□- DCLN% OO-OO	F77	Boring Bars (Double Clamp)
AOO□- DDUN% O	F80	Boring Bars (Double Clamp)
AOO□- DDUN% OO-OO	F80	Boring Bars (Double Clamp)
AOO□- DSKN% OO-OO	F83	Boring Bars (Double Clamp)
AOO□- DTFN% OO-OO	F84	Boring Bars (Double Clamp)
AOO□- DWLN% O	F87	Boring Bars (Double Clamp)
AOO□- DWLN% OO-OO	F87	Boring Bars (Double Clamp)
AOO□- KKC% -O	J17, G71	Toolholder (Cera-Notch Grooving / Threading)
AOO□- PCLN% O	F78	Boring Bars
AOO□- PCLN% OO-OO	F78	Boring Bars
AOO□- PDUN% O	F79	Boring Bars
AOO□- PDUN% OO-OO	F79	Boring Bars
AOO□- PTUN% OO-OO	F85	Boring Bars
AOO□- PWLN% OO-OO	F86	Boring Bars
AOO□- SCLC% OAE	F39	Boring Bars (Dynamic Bar)
AOO□- SCLC% OO-OOAE	F39	Boring Bars (Dynamic Bar)
AOO□- SCLC% OE	F43	Boring Bars (General Purpose)
AOO□- SCLC% OO-OOE	F98	Boring Bars (Discontinued Description)
AOO□- SCLP% O(O)AE	F41	Boring Bars (Dynamic Bar)
AOO□- SCLP% OO-OOAE	F41	Boring Bars (Dynamic Bar)
AOO□- SCLP% O(O)E	F43	Boring Bars (General Purpose)
AOO□- SCLP% OO-OOE	F98	Boring Bars (Discontinued Description)
AOO□- SDQC% OAE	F46	Boring Bars (Dynamic Bar)
AOO□- SDQC% OO-OOAE	F46	Boring Bars (Dynamic Bar)
AOO□- SDUC% OAE	F45	Boring Bars (Dynamic Bar)
AOO□- SDUC% OO-OOAE	F45	Boring Bars (Dynamic Bar)
AOO□- SDZC% OO-OOAE	F47	Boring Bars (Dynamic Bar)
AOO□- STLB% O.OAE	F53	Boring Bars (Dynamic Bar)
AOO□- STLC% OO-OOAE	F51	Boring Bars (Dynamic Bar)
AOO□- STLP% O(O)AE	F53	Boring Bars (Dynamic Bar)
AOO□- STLP% OO-OOAE	F53	Boring Bars (Dynamic Bar)
AOO□- STUP% OO-OOE	F98	Boring Bars (Discontinued Description)
AOO□- SVJB% OAE	F58	Boring Bars (Dynamic Bar)
AOO□- SVJB% OO-OO(AE)	F58	Boring Bars (Dynamic Bar)
AOO□- SVJC% OO-OO(AE)	F58	Boring Bars (Dynamic Bar)
AOO□- SVJP% OO-OO(AE)	F58	Boring Bars (Dynamic Bar)
AOO□- SVPB% OAE	F60	Boring Bars (Dynamic Bar)
AOO□- SVPB% OO-OOAE	F60	Boring Bars (Dynamic Bar)
AOO□- SVPC% O.OAE	F60	Boring Bars (Dynamic Bar)
AOO□- SVPC% OO-OOAE	F60	Boring Bars (Dynamic Bar)
AOO□- SVUB% OAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVUB% OO-OOAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVUC% O.OAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVUC% OO-OOAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVZB% OAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVZB% OO-OOAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVZC% O.OAE	F63	Boring Bars (Dynamic Bar)
AOO□- SVZC% OO-OOAE	F63	Boring Bars (Dynamic Bar)
AOO□- SWUB% O.OAE	F67	Boring Bars (Dynamic Bar)
AOO□- SWUB% OO-OOAE	F67	Boring Bars (Dynamic Bar)
AOO□- SWUP% OAE	F67	Boring Bars (Dynamic Bar)
AOO□- SWUP% OO-OOAE	F67	Boring Bars (Dynamic Bar)
AABSR O(O)-OO□□F	E17, E48	Toolholder (Back Turning)
AABSR OOO□□-OOF	E17, E48	Toolholder (Back Turning)
AABWR O(O)-OO□□F	E18, E19, E48	Toolholder (Back Turning)
AABWR OOO□□-OOF	E18, E19, E48	Toolholder (Back Turning)
ABS OOROOOO	B86	Insert (Back Turning)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
ABS ○○○○○○	B86	Insert (Back Turning)
ABW ○○○○○○	B86	Insert (Back Turning)
ABW ○○○○○○	B86	Insert (Back Turning)
AGLC% ○○○○-OOF	E48, P21	Toolholder (Turning / Discontinued Description)
AGLC% ○(○)-○□□FF	E22, E48	Toolholder (Turning)
AGLC% ○○○○□□-OOFF	E22, E48	Toolholder (Turning)
AD○○□	F76	Boring Bars (AD Bar Adaptor)
ADJC% ○(○)-○□□FF	E24, E48	Toolholder (Turning)
ADJC% ○○○○-OOF	E48, P21	Toolholder (Turning / Discontinued Description)
ADJC% ○○○○□□-OOFF	E24, E48	Toolholder (Turning)
ADNCR ○○○○-OOF	E48, P21	Toolholder (Turning / Discontinued Description)
AJ-6X38	P2	Spare Parts (Screw)
AJ-8X44-9.5	P2	Spare Parts (Screw)
AJ-10X46	P2	Spare Parts (Screw)
AJM5F	N14-N16	Spare Parts (Axial Adjustment Screw)
AJM6	N14	Spare Parts (Axial Adjustment Screw)
AVJB% ○○○○□-OOF	E48, P21	Toolholder (Turning / Discontinued Description)
AVJB% ○-○□□FF	E30, E48	Toolholder (Turning)
AVJB% ○○○○□□-OOFF	E30, E48	Toolholder (Turning)
AVWB% ○○○○□-OOF	E48, P21	Toolholder (Turning / Discontinued Description)
B		
BCS -○	H29, P13	Spare Parts (Clamp Set)
BGIAR ○○-○		Blade (Grooving)
BH3X6	F91, P2	Spare Parts (Screw)
BH3X12	D35-37, F89, P2	Spare Parts (Screw)
BH6X10TR	G23-G25, G84, G92-G93, H8, H19, P12	Spare Parts (Screw)
BH6X25	P12	Spare Parts (Screw)
BH8X30	P12	Spare Parts (Screw)
C		
○○○□- SCLC%○○-○○	F100	Boring Bars (Discontinued Description)
○○○□- SCLC%○(○)	F43	Boring Bars (General Purpose)
○○○□- SCLC%○○-○○A	F39	Boring Bars (Dynamic Bar)
○○○□- SCLC%○○-○○-AS	F97	Boring Bars (Assembly(AS) / Discontinued Description)
○○○□- SCLCROO-○○○EZ	F20	Boring Bars (EZ Bar PLUS)
○○○□- SCLP%○(○)	F43	Boring Bars (General Purpose)
○○○□- SCLP%○○-○○	F100	Boring Bars (Discontinued Description)
○○○□- SCLP%○○-○○-○/○	F100	Boring Bars (Discontinued Description)
○○○□- SDUC%○○-○○	F100	Boring Bars (Discontinued Description)
○○○□- SJLC%○○-○○○	F50	Boring Bars
○○○□- SJZC%○○-○○○	F50	Boring Bars
○○○□- STLB%○○-○○A	F53	Boring Bars (Dynamic Bar)
○○○□- STUB%○○-○○	F100	Boring Bars (Discontinued Description)
○○○□- STUP%○○-○○	F100, F101	Boring Bars (Discontinued Description)
○○○□- STUP%○○-○○-○/○	F100, F101	Boring Bars (Discontinued Description)
○○○□- STUPROO-○○-AS	F97	Boring Bars (Assembly(AS) / Discontinued Description)
○○○□- STXB%○○-○○○	F57	Boring Bars
○○○□- STXP%○○-○○	F57	Boring Bars
○○○□- STZB%○○-○○○	F57	Boring Bars
○○○□- SWUB%○(○)	F69	Boring Bars (General Purpose)
○○○□- SWUB%○○-○○	F101	Boring Bars (Discontinued Description)
○○○□- SWUB%○○-○○A	F67	Boring Bars (Dynamic Bar)
○○○□- SWUB%○○-○○-AS	F97	Boring Bars (Assembly(AS) / Discontinued Description)
○○○□- SWUB%○○-○○-○/○	F101	Boring Bars (Discontinued Description)
○○○□- SWUP%○○-○○	F101	Boring Bars (Discontinued Description)
○○○□- SWUP%○○-○○-○/○	F101	Boring Bars (Discontinued Description)
C09N	P15	Spare Parts (Clamp)
C17R	P15	Spare Parts (Clamp)
C20R	P15	Spare Parts (Clamp)

Part Number	Page	Description
C25R	P15	Spare Parts (Clamp)
CB-11	D27, D36, D37, P16	Spare Parts (Chipbreaker)
CB-12	D28, F89, P16	Spare Parts (Chipbreaker)
CB-13	D28, F89, P16	Spare Parts (Chipbreaker)
CB-14	D25, P16	Spare Parts (Chipbreaker)
CB-15	D25, P16	Spare Parts (Chipbreaker)
CB-16	D24, D25, F89, P16	Spare Parts (Chipbreaker)
CB-17	D24, P16	Spare Parts (Chipbreaker)
CB-51	D27, P16	Spare Parts (Chipbreaker)
CB-S3220	E42, P16	Spare Parts (Chipbreaker)
CB-S4220	E42, P16	Spare Parts (Chipbreaker)
CBSN% ○○○○□-○○	D40	Toolholder (Turning)
CBSN% ○○○○B-12-A20	F72	Boring Bar (for Bearing Machining)
CB-T2212	E43, P16	Spare Parts (Chipbreaker)
CB-T3220	E43, P16	Spare Parts (Chipbreaker)
CCET ○○○○(○)F%-USF	B55	Insert (Turning)
CCET ○○○○(○)(○)MF%-J	B56	Insert (Turning)
CCET ○○○○(○)(○)MF%-U	B55	Insert (Turning)
CCET ○○○○(○)(○)MF%-USF	B55	Insert (Turning)
CCET ○○○○(○)(○)M%-F	B54	Insert (Turning)
CCET ○○○○(○)(○)M%-FSF	B54	Insert (Turning)
CCET ○○○○(○)(○)%-FSF	B54	Insert (Turning)
CCGT ○○○○(○)(○)	B53	Insert (Turning)
CCGT ○○○○AH	B56	Insert (Turning)
CCGT ○○○○(○)E%-U	B56	Insert (Turning)
CCGT ○○○○OF%-U	B56	Insert (Turning)
CCGT ○○○○(○)(○)M	B53	Insert (Turning)
CCGT ○○○○(○)(○)M-CF	B52	Insert (Turning)
CCGT ○○○○(○)ME%-U	B56	Insert (Turning)
CCGT ○○○○(○)(○)MF	B54	Insert (Turning)
CCGT ○○○○(○)MF-GF	B52	Insert (Turning)
CCGT ○○○○(○)MF-GQ	B52	Insert (Turning)
CCGT ○○○○(○)MFP-GF	B52	Insert (Turning)
CCGT ○○○○(○)MFP-GQ	B53	Insert (Turning)
CCGT ○○○○(○)MFP-SK	B52	Insert (Turning)
CCGT ○○○○(○)(○)MF%-U	B56	Insert (Turning)
CCGT ○○○○(○)(○)MP-CF	B52	Insert (Turning)
CCGT ○○○○(○)MP-CK	B52	Insert (Turning)
CCGT ○○○○(○)(○)M%-F	B55	Insert (Turning)
CCGT ○○○(○)(○)(○)%-A3	B57	Insert (Turning)
CCGT ○○○○(○)(○)%-F	B55	Insert (Turning)
CCGW ○○○○(○)(○)	B57, C24	Insert (Turning)
CCGW ○○○○(○)(○)NE	C24	Insert (Turning)
CCGW ○○○○(○)(○)SE	C24	Insert (Turning)
CCLN% ○○○○□-○○	D24	Toolholder (Turning)
CCLN% ○○○○□-○○A	D34, F91	Toolholder (Turning)
CCLN% ○○○○B-○○A	F91	Boring Bar (Previous Description)
CCLN% ○○○○□-○○GX	D30	Toolholder (Turning)
CCMT ○○○○(○)	B53, C24	Insert (Turning)
CCMT ○○○(○)(○)GK	B53	Insert (Turning)
CCMT ○○○○(○)HQ	B53	Insert (Turning)
CCMT ○○○○MQ	B54	Insert (Turning)
CCMT ○○○○(○)NE	C24	Insert (Turning)
CCMT ○○○○(○)PP	B53	Insert (Turning)
CCMT ○○○○(○)SE	C24	Insert (Turning)
CCMT ○○○○(○)WP	B53	Insert (Turning)
CCMW ○○○○MEF	C14	Insert (Turning)
CCMW ○○○○S○○○○○OMES	C14	Insert (Turning)
CCMW ○○○○(○)(○)S○○○○○OSET	C14	Insert (Turning)
CCMW ○○○○(○)T○○○○○OME	C14	Insert (Turning)
CCMW ○○○○(○)(○)T○○○○○OSE	C14	Insert (Turning)
CCMW ○○○○S○○○○○OMET	C14	Insert (Turning)
CCRN% ○○○○□-○○A	D34	Toolholder (Turning)
CDHN% ○○○○□-○○GX	D31	Toolholder (Turning)
CDJN% ○○○○□-○○	D25	Toolholder (Turning)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	CDJN% □□□□-○○GX	D31	Toolholder (Turning)
	CE-010	D24, D25, F89, P13	Spare Parts (Clamp Set)
B	CE-020	D27, D28, D36, D37, P13	Spare Parts (Clamp Set)
	CE-030	D29, P13	Spare Parts (Clamp Set)
C	CE-030A	D27, D29, D34-D38, P13	Spare Parts (Clamp Set)
	CE-040	D27, D29, D37, P13	Spare Parts (Clamp Set)
D	CE-111	P15	Spare Parts (Clamp)
	CE-121	P15	Spare Parts (Clamp)
E	CE-131	P15	Spare Parts (Clamp)
	CE-141	P15	Spare Parts (Clamp)
F	CE-220	D24, D27, P13	Spare Parts (Clamp Set)
	CE-320	F89, P13	Spare Parts (Clamp Set)
G	CE-360S	F89, F91, P13	Spare Parts (Clamp Set)
	CE-410	D30-D33, F90, P13	Spare Parts (Clamp Set)
H	CE-430	D31, P13	Spare Parts (Clamp Set)
	CELNR ○○○○B-○○	F89	Boring Bar (Previous Description)
I	CELN% ○○○○□-○○	D25	Toolholder (Turning)
	CGA-3%□	G41, P15	Spare Parts (Clamp)
J	CGA-4%□	G41, P15	Spare Parts (Clamp)
	CGA-5%□	G41, P15	Spare Parts (Clamp)
K	CGB%□	P15	Spare Parts (Clamp)
	CGH-1%□	G40, G67, P15	Spare Parts (Clamp)
L	CGH-2%□	G40, G67, P15	Spare Parts (Clamp)
	CGH-3%□	G40, P15	Spare Parts (Clamp)
M	CGIA-3R	G69, P15	Spare Parts (Clamp)
	CGIA-4R	G69, P15	Spare Parts (Clamp)
N	CGIA-5R	G69, P15	Spare Parts (Clamp)
	CH-20R	P15	Spare Parts (Clamp)
O	CIN%□ ○○○○S-○○	J21	Toolholder (Threading)
	CKC-2%□	G31, G71, J16, J17	Spare Parts (Clamp)
P	CKC-3%□	G31, G71, G117, J17	Spare Parts (Clamp)
	CL-6	D14	Spare Parts (Clamp)
Q	CL-9	D12, D14	Spare Parts (Clamp)
	CL-12	D8, D19	Spare Parts (Clamp)
R	CL-20	D8, D10, D22	Spare Parts (Clamp)
	CL-30	D19	Spare Parts (Clamp)
S	CL63-1	N3-N10, P19	Spare Parts (Coolant Pipe)
	CL100-1	N3-N4, N10, P19	Spare Parts (Coolant Pipe)
T	CNGA ○○○	B20	Insert (Turning)
	CNGA ○○○MEF	C6	Insert (Turning)
U	CNGA ○○○ME4	C6	Insert (Turning)
	CNGA ○○○S○○○○○	B90	Insert (Turning)
V	CNGA ○○○(○)S○○○○○OME	C6	Insert (Turning)
	CNGA ○○○S○○○○○OMEH	C6	Insert (Turning)
W	CNGA ○○○S○○○○○MEEP	C6	Insert (Turning)
	CNGA ○○○S○○○○○OMET	C6	Insert (Turning)
X	CNGA ○○○S○○○○○OMEW	C6	Insert (Turning)
	CNGA ○○○S○○○○○OSE	C6	Insert (Turning)
Y	CNGA ○○○S○○○○○OSET	C6	Insert (Turning)
	CNGA ○○○T○○○○○	B90	Insert (Turning)
Z	CNGA ○○○T○○○○○AA	B90	Insert (Turning)
	CNGA ○○○T○○○○○OME	C6	Insert (Turning)
AA	CNGA ○○○T○○○○○OSE	C6	Insert (Turning)
	CNGG ○○○AH	B20	Insert (Turning)
AB	CNGG ○○○FP-TK	B18	Insert (Turning)
	CNGG ○○○HQ	B14	Insert (Turning)
AC	CNGG ○○○(○)MFP-SK	B18	Insert (Turning)
	CNGG ○○○%□	B21	Insert (Turning)
AD	CNGG ○○○%□-25R	B21	Insert (Turning)
	CNGG ○○○%□-A3	B20	Insert (Turning)
AE	CNGG ○○○(○)%□-S	B21	Insert (Turning)
	CNGG ○○○TK	B18	Insert (Turning)
AF	CNGG ○○○Z	B21	Insert (Turning)
	CNGM ○○○S○○○○○BB○	C7	Insert (Turning)
AG	CNG ○○○T○○○○○AA	B90	Insert (Turning)

Part Number	Page	Description
CNG	B90	Insert (Turning)
CNGU ○○○○(○)ME%□-U	B49	Insert (Turning)
CNGU ○○○○(○)(○)MF%□-F	B49	Insert (Turning)
CNGU ○○○○(○)(○)MF%□-U	B49	Insert (Turning)
CNGU ○○○○○MF-SK	B49	Insert (Turning)
CNGU ○○○○○MFP-SK	B49	Insert (Turning)
CNGX ○○○T○○○○○	B90	Insert (Turning)
CNMA ○○○	B20	Insert (Turning)
CNMA ○○○T○○○○○AA	B90	Insert (Turning)
CNMG ○○○	B16	Insert (Turning)
CNMG ○○○AH	B20	Insert (Turning)
CNMG ○○○C	B19	Insert (Turning)
CNMG ○○○CJ	B15	Insert (Turning)
CNMG ○○○CQ	B14	Insert (Turning)
CNMG ○○○GC	B20	Insert (Turning)
CNMG ○○○(○)GP	B14	Insert (Turning)
CNMG ○○○GS	B15	Insert (Turning)
CNMG ○○○GT	B16	Insert (Turning)
CNMG ○○○GU	B18	Insert (Turning)
CNMG ○○○HK	B15	Insert (Turning)
CNMG ○○○HQ	B14	Insert (Turning)
CNMG ○○○HS	B15	Insert (Turning)
CNMG ○○○HT	B16	Insert (Turning)
CNMG ○○○HU	B18	Insert (Turning)
CNMG ○○○KG	B19	Insert (Turning)
CNMG ○○○KH	B19	Insert (Turning)
CNMG ○○○KQ	B19	Insert (Turning)
CNMG ○○○MQ	B19	Insert (Turning)
CNMG ○○○MS	B19	Insert (Turning)
CNMG ○○○MU	B19	Insert (Turning)
CNMG ○○○PG	B15	Insert (Turning)
CNMG ○○○PH	B16	Insert (Turning)
CNMG ○○○(○)PP	B14	Insert (Turning)
CNMG ○○○PQ	B14	Insert (Turning)
CNMG ○○○PS	B15	Insert (Turning)
CNMG ○○○PT	B16	Insert (Turning)
CNMG ○○○TK	B18	Insert (Turning)
CNMG ○○○TN-V	B15	Insert (Turning)
CNMG ○○○WE	B14	Insert (Turning)
CNMG ○○○WF	B14	Insert (Turning)
CNMG ○○○WP	B14	Insert (Turning)
CNMG ○○○WQ	B14	Insert (Turning)
CNMG ○○○XF	B17	Insert (Turning)
CNMG ○○○XP	B17	Insert (Turning)
CNMG ○○○XQ	B17	Insert (Turning)
CNMG ○○○XS	B17	Insert (Turning)
CNMG ○○○ZS	B19	Insert (Turning)
CNMM ○○○(○)M	C23	Insert (Turning)
CNMM ○○○(○)MNE	C23	Insert (Turning)
CNMM ○○○(○)MSE	C23	Insert (Turning)
CNMM ○○○PX	B17	Insert (Turning)
CNM ○○○S○○○○○	C19	Insert (Turning)
CNM ○○○T○○○○○	B90	Insert (Turning)
CNMU ○○○○(○)E-GK	B49	Insert (Turning)
CP-2D	D14, D22, F84, P16	Spare Parts (Clamp)
CP-3D	D8, D10, D12, D22, F77, F80, F83, F84, F87, P16	Spare Parts (Clamp)
CP-5D	D18, P16	Spare Parts (Clamp)
CP-8TE	P16	Spare Parts (Clamp)
CP-8W	P16	Spare Parts (Clamp)
CPGB ○○○S○○○○○OMES	C14	Insert (Turning)
CPGB ○○○(○)(○)S○○○○○OMET	C14	Insert (Turning)
CPGB ○○○(○)(○)S○○○○○OSET	C14	Insert (Turning)
CPGB ○○○(○)(○)T○○○○○OME	C14	Insert (Turning)
CPGB ○○○(○)(○)(○)T○○○○○OSE	C14	Insert (Turning)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
CPGT ○○○○(○)	B57	Insert (Turning)
CPMB ○○○(○)(○)	B58	Insert (Turning)
CPMH ○○○(○)(○)(○)	B58, C25	Insert (Turning)
CPMH ○○○(○)(○)HQ	B58	Insert (Turning)
CPMH ○○○(○)(○)(○)NE	C25	Insert (Turning)
CPMH ○○○(○)(○)%-Y	B58	Insert (Turning)
CPMH ○○○(○)SE	C25	Insert (Turning)
CPMT ○○○(○)(○)GP	B58	Insert (Turning)
CPMT ○○○(○)(○)PP	B58	Insert (Turning)
CPMT ○○○(○)(○)XP	B58	Insert (Turning)
CPMT ○○○XQ	B58	Insert (Turning)
CP-RC%	D40, F72, P13	Spare Parts (Clamp Set)
CP8X15TL	P2	Spare Parts (Screw)
CP8X23TL	P2	Spare Parts (Screw)
CPS-1	F71, P14	Spare Parts (Clamp Set)
CPS-2	F70, F71, P14	Spare Parts (Clamp Set)
CPS-2P	E42, E43, P14	Spare Parts (Clamp Set)
CPS-2S	F71, P14	Spare Parts (Clamp Set)
CPS-2TR	P14	Spare Parts (Clamp Set)
CPS-3	E42, E43, F70, F71, P14	Spare Parts (Clamp Set)
CPS-4V	G61, N15, P14	Spare Parts (Clamp Set)
CPS-5E	P14	Spare Parts (Clamp Set)
CPS-5F	G61, P14	Spare Parts (Clamp Set)
CPS-5%	D19, P14	Spare Parts (Clamp Set)
CPS-5S	J20, J21, N9, P14	Spare Parts (Clamp Set)
CPS-5V	G61, G108, G109, G122, N15, P14	Spare Parts (Clamp Set)
CPS-6F	P14	Spare Parts (Clamp Set)
CPS-6M	P14	Spare Parts (Clamp Set)
CPS-6S	J20, J21, N9, P14	Spare Parts (Clamp Set)
CPS-6V	G61, G109, G113-G114, G122, P14	Spare Parts (Clamp Set)
CPS-8V	G109, G113-G114, G122, P14	Spare Parts (Clamp Set)
CRDCN ○○-○□	D29	Toolholder (Turning)
CRDNN ○○-○□	D29	Toolholder (Turning)
CRDNN ○○○○□-○○	D29	Toolholder (Turning)
CRDNN ○○○○□-○OA	D35	Toolholder (Turning)
CRSN% ○○○○□-○○	D29	Toolholder (Turning)
CRSN% ○○○○□-○OA	D35	Toolholder (Turning)
CS-2D	D14, D22, F84, P2	Spare Parts (Screw)
CS-3D	D8, D10, D12, D22, F77, F80, F83, F84, F87, P2	Spare Parts (Screw)
CS-5D	D18, P2	Spare Parts (Screw)
CSBPR ○○○○□-○ON	E42	Toolholder (Turning)
CSDNN ○○○○□-○○	D27	Toolholder (Turning)
CSDNN ○○○○□-○OA	D37	Toolholder (Turning)
CSDNN ○○○○□-○OGX	D32	Toolholder (Turning)
CSDPN ○○○○□-○ON	E42	Toolholder (Turning)
CSKN% ○○○○□-○○	D27, F89	Toolholder (Turning)
CSKNR ○○○○□-○OA	D36	Toolholder (Turning)
CSKN% ○○○○B-○○	F89	Boring Bar (Previous Description)
CSKN% ○○○○□-○OGX	D33	Toolholder (Turning)
CSKPR ○○○○B-○○	F70	Boring Bar (Previous Description)
CSKPR ○○○○□-○ON	E42	Toolholder (Turning)
CS-N% ○○○○□-○○	D27	Toolholder (Turning)
CS-N% ○○○○□-○OGX	D33	Toolholder (Turning)
CSRN% ○○-□	D27	Toolholder (Turning)
CSRN% ○○○○□-○○	D27	Toolholder (Turning)
CSRN% ○○○○□-○OA	D36	Toolholder (Turning)
CSRN% ○○○○□-○OGX	D32	Toolholder (Turning)
CSSN% ○○-○□	D27	Toolholder (Turning)
CSSN% ○○○○□-○○	D27	Toolholder (Turning)
CSSN% ○○○○□-○OA	D37	Toolholder (Turning)
CSSN% ○○○○□-○OGX	D32	Toolholder (Turning)
CSSP% ○○○○□-○ON	E42	Toolholder (Turning)
CSYN% ○○○○□-○○	D27	Toolholder (Turning)

Part Number	Page	Description
CSYN% ○○○○□-○OA	D36	Toolholder (Turning)
CSYN% ○○○○□-○OGX	D33	Toolholder (Turning)
CTDPR ○○CA○○	N15	Toolholder (Cartridge)
CTEPR ○○CA○○	N15	Toolholder (Cartridge)
CTFP% ○○○○□-○ON	E43	Toolholder (Turning)
CTFPR ○○CA○○	N15	Toolholder (Cartridge)
CTGP% ○○○○□-○ON	E43	Toolholder (Turning)
CTJN% ○○-○□	D28	Toolholder (Turning)
CTJN% ○○○○□-○○	D28	Toolholder (Turning)
CTJN% ○○○○□-○OA	D38	Toolholder (Turning)
CTTP% ○○○○□-○ON	E43	Toolholder (Turning)
CTUN% ○○○○B-○OA	F91	Boring Bar (Previous Description)
CTUN% ○○○○□-○○	D28	Toolholder (Turning)
CTUN% ○○○○□-○OA	D38	Toolholder (Turning)
CTUP% ○○○○B-○○	F71	Boring Bar (Previous Description)
D		
DB ○○○RO○	G43	Insert (Grooving)
DB ○○○□(□□)T00420	G43	Insert (Grooving)
DC-42	F77, F80, F87, P8	Spare Parts (Shim)
DC-44	D8, P8	Spare Parts (Shim)
DCET ○○○○○F%-JSF	B64	Insert (Turning)
DCET ○○○○○(○)F%-JSF	B63	Insert (Turning)
DCET ○○○○○(○)(○)MF%-J	B64	Insert (Turning)
DCET ○○○○○MF%-JSF	B64	Insert (Turning)
DCET ○○○○○(○)(○)MF%-U	B63	Insert (Turning)
DCET ○○○○○(○)MF%-USF	B63	Insert (Turning)
DCET ○○○○○(○)(○)M%-F	B62	Insert (Turning)
DCET ○○○○○(○)(○)M%-FSF	B62	Insert (Turning)
DCET ○○○○○(○)M%-FSF	B62	Insert (Turning)
DCGT ○○○○○(○)	B61	Insert (Turning)
DCGT ○○○○AH	B65	Insert (Turning)
DCGT ○○○○○CF	B59	Insert (Turning)
DCGT ○○○○○CK	B59	Insert (Turning)
DCGT ○○○○○(○)E%-J	B64	Insert (Turning)
DCGT ○○○○○(○)E%-U	B64	Insert (Turning)
DCGT ○○○○○(○)F%-J	B64	Insert (Turning)
DCGT ○○○○○F%-U	B63	Insert (Turning)
DCGT ○○○○○(○)FN-Z	B61	Insert (Turning)
DCGT ○○○○○(○)(○)M	B61	Insert (Turning)
DCGT ○○○○○M-CF	B59	Insert (Turning)
DCGT ○○○○○M-CK	B59	Insert (Turning)
DCGT ○○○○○(○)(○)ME%-J	B64	Insert (Turning)
DCGT ○○○○○(○)ME%-U	B64	Insert (Turning)
DCGT ○○○○○(○)(○)MF	B61	Insert (Turning)
DCGT ○○○○○(○)MF-GF	B59	Insert (Turning)
DCGT ○○○○○(○)MF-GQ	B60	Insert (Turning)
DCGT ○○○○○(○)MFP-GF	B59	Insert (Turning)
DCGT ○○○○○(○)MFP-GQ	B60	Insert (Turning)
DCGT ○○○○○(○)MFP-SK	B59	Insert (Turning)
DCGT ○○○○○(○)(○)MF%-J	B64	Insert (Turning)
DCGT ○○○○○(○)(○)MF%-U	B63	Insert (Turning)
DCGT ○○○○○MP-CF	B59	Insert (Turning)
DCGT ○○○○○MP-CK	B60	Insert (Turning)
DCGT ○○○○○(○)(○)M%-F	B62	Insert (Turning)
DCGT ○○○○○(○)M%-A3	B65	Insert (Turning)
DCGT ○○○○○(○)M%-F	B62	Insert (Turning)
DCGT ○○○○○(○)M%-FS	B62	Insert (Turning)
DCGW ○○○○○(○)	B65	Insert (Turning)
DCLN% ○○-○□	D8	Toolholder (Turning)
DCLN% ○○○○□-○○	D8	Toolholder (Turning)
DCMT ○○○○○(○)	B61, C25	Insert (Turning)
DCMT ○○○○○(○)GK	B60	Insert (Turning)
DCMT ○○○○○(○)GP	B60	Insert (Turning)
DCMT ○○○○○(○)HQ	B60	Insert (Turning)
DCMT ○○○○○(○)MQ	B61	Insert (Turning)

GRADES A
 INSERTS B
 CBN & POD C
 TOOLHOLDERS D
 SMALL TOOLS E
 BORING F
 GROOVING G
 CUT-OFF H
 THREADING J
 HSK TOOLING N
 SPARE PARTS P
 TECHNICAL R
 INDEX T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	DCMT ○○○○(○)NE	C25	Insert (Turning)
	DCMT ○○○○(○)PP	B60	Insert (Turning)
	DCMT ○○○○(○)%-NE	C25	Insert (Turning)
B	DCMT ○○○○(○)SE	C25	Insert (Turning)
	DCMT ○○○○(○)XP	B61	Insert (Turning)
	DCMT ○○○○XQ	B61	Insert (Turning)
C	DCMW ○○○○MEF	C15	Insert (Turning)
	DCMW ○○○○(○)S○○○○○OMES	C15	Insert (Turning)
	DCMW ○○○○(○)S○○○○○OMET	C15	Insert (Turning)
D	DCMW ○○○○S○○○○○OSET	C15	Insert (Turning)
	DCMW ○○○○(○)T○○○○○OME	C15	Insert (Turning)
	DCMW ○○○○(○)T○○○○○OSE	C15	Insert (Turning)
E	DCMX ○○○○WP	B60	Insert (Turning)
	DD-42	P8	Spare Parts (Shim)
	DD-42-16	F80, P8	Spare Parts (Shim)
F	DD-43	D10, P8	Spare Parts (Shim)
	DD-44	D10, P8	Spare Parts (Shim)
	DDJN% ○○-○□	D10	Toolholder (Turning)
G	DDJN% ○○○○□-○○○○	D10	Toolholder (Turning)
	DDHN% ○○○○□-○○○○	D10	Toolholder (Turning)
	DN10	F77, F80, F83, F84, F87, P19	Spare Parts (Nozzle)
H	DN20	F77, F80, F83, F84, F87, P19	Spare Parts (Nozzle)
	DNGA ○○○MEF	C8	Insert (Turning)
	DNGA ○○○ME4	C8	Insert (Turning)
I	DNGA ○○○S○○○○○	B91	Insert (Turning)
	DNGA ○○○(○)S○○○○○OME	C8	Insert (Turning)
	DNGA ○○○S○○○○○OMEH	C8	Insert (Turning)
J	DNGA ○○○S○○○○○MEP	C8	Insert (Turning)
	DNGA ○○○S○○○○○OMET	C8	Insert (Turning)
	DNGA ○○○(○)S○○○○○OSE	C8	Insert (Turning)
K	DNGA ○○○S○○○○○OSET	C9	Insert (Turning)
	DNGA ○○○T○○○○○	B91	Insert (Turning)
	DNGA ○○○T○○○○○AA	B91	Insert (Turning)
L	DNGA ○○○T○○○○○OME	C8	Insert (Turning)
	DNGA ○○○T○○○○○OSE	C8	Insert (Turning)
	DNGG ○○○AH	B27	Insert (Turning)
M	DNGG ○○○FP-TK	B26	Insert (Turning)
	DNGG ○○○(○)MFP-SK	B25	Insert (Turning)
	DNGG ○○○%	B27	Insert (Turning)
N	DNGG ○○○%-A3	B27	Insert (Turning)
	DNGG ○○○(○)%-S	B27	Insert (Turning)
	DNGG ○○○TK	B26	Insert (Turning)
O	DNGM ○○○S○○○○○BBO	C9	Insert (Turning)
	DNG ○○○S○○○○○	B91	Insert (Turning)
	DNG ○○○T○○○○○	B91	Insert (Turning)
P	DNG ○○○T○○○○○AA	B91	Insert (Turning)
	DNGU ○○○(○)ME%-U	B50	Insert (Turning)
	DNGU ○○○(○)(○)MF%-F	B50	Insert (Turning)
Q	DNGU ○○○(○)(○)MF%-U	B50	Insert (Turning)
	DNGU ○○○(○)(○)MF-SK	B50	Insert (Turning)
	DNGU ○○○(○)(○)MFP-SK	B50	Insert (Turning)
R	DNGX ○○○T○○○○○	B91	Insert (Turning)
	DNMA ○○○	B27	Insert (Turning)
	DNMG ○○○	B24	Insert (Turning)
S	DNMG ○○○AH	B27	Insert (Turning)
	DNMG ○○○C	B26	Insert (Turning)
	DNMG ○○○CJ	B23	Insert (Turning)
T	DNMG ○○○CQ	B22	Insert (Turning)
	DNMG ○○○GC	B27	Insert (Turning)
	DNMG ○○○(○)GP	B22	Insert (Turning)
U	DNMG ○○○GS	B23	Insert (Turning)
	DNMG ○○○GT	B24	Insert (Turning)
	DNMG ○○○GU	B25	Insert (Turning)
V	DNMG ○○○HK	B23	Insert (Turning)

Part Number	Page	Description
DNMG ○○○(○)HQ	B22	Insert (Turning)
DNMG ○○○HS	B24	Insert (Turning)
DNMG ○○○KG	B26	Insert (Turning)
DNMG ○○○KH	B26	Insert (Turning)
DNMG ○○○KQ	B26	Insert (Turning)
DNMG ○○○MQ	B26	Insert (Turning)
DNMG ○○○MS	B26	Insert (Turning)
DNMG ○○○MU	B26	Insert (Turning)
DNMG ○○○PG	B23	Insert (Turning)
DNMG ○○○PH	B24	Insert (Turning)
DNMG ○○○(○)PP	B22	Insert (Turning)
DNMG ○○○PQ	B22	Insert (Turning)
DNMG ○○○PS	B24	Insert (Turning)
DNMG ○○○PT	B24	Insert (Turning)
DNMG ○○○TK	B26	Insert (Turning)
DNMG ○○○TN-V	B23	Insert (Turning)
DNMG ○○○XF	B25	Insert (Turning)
DNMG ○○○XP	B25	Insert (Turning)
DNMG ○○○XQ	B25	Insert (Turning)
DNMG ○○○XS	B25	Insert (Turning)
DNMG ○○○ZS	B27	Insert (Turning)
DNMM ○○○(○)M	C23	Insert (Turning)
DNMM ○○○(○)MNE	C23	Insert (Turning)
DNMM ○○○(○)MSE	C23	Insert (Turning)
DNMM ○○○PX	B25	Insert (Turning)
DNMP ○○○TK	B23	Insert (Turning)
DNMU ○○○(○)E-GK	B50	Insert (Turning)
DNMX ○○○WF	B22	Insert (Turning)
DPET ○○○○(○)F%-USF	B65	Insert (Turning)
DPET ○○○○(○)MF%-USF	B65	Insert (Turning)
DPET ○○○○(○)(○)M%-FSF	B65	Insert (Turning)
DPET ○○○○%-FSF	B65	Insert (Turning)
DS-42	P8	Spare Parts (Shim)
DS-44	D12, P8	Spare Parts (Shim)
DSBN% ○○○○□-○○	D12	Toolholder (Turning)
DT-7	G55-G56, P17	Spare Parts (Torx Wrench / Screwdriver Type)
DT-8	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DT-10	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DT-15	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DT-20	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DT-25	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DT-32	D14, F84, P8	Spare Parts (Shim)
DT-42	F84, P8	Spare Parts (Shim)
DTGN% ○○○○□-○○	D14	Toolholder (Turning)
DTM-6	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-7	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-8	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-10	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-15	P17	Spare Parts (Torx Wrench / Screwdriver Type)
DTP-9	P17	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTP-15	P17	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTP-20	P17	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTPM-8	P17	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTPM-10	P17	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTPM-15	P17	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DV-33	D18, P8	Spare Parts (Shim)
DVJN% ○○-○□	D18	Toolholder (Turning)
DVLN% ○○○○□-○○	D18	Toolholder (Turning)
DVPN% ○○-○□	D18	Toolholder (Turning)
DVPM% ○○○○□-○○	D18	Toolholder (Turning)
DW-32	D22	Spare Parts (Shim)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
DW-42	F87, P8	Spare Parts (Shim)
DW-44	D22, P8	Spare Parts (Shim)
DWLN% ○○-○□	D22	Toolholder (Turning)
DWLN% ○○○○□-○○	D22	Toolholder (Turning)
DVNN ○○-○□	D18	Toolholder (Turning)
DVNN ○○○○□-○○	D18	Toolholder (Turning)
E		
EO○□- SCLC%○○-○○	F100	Boring Bars (Discontinued Description)
EO○□- SCLC%○A	F39	Boring Bars (Dynamic Bar)
EO○□- SCLC%○A-○/○	F39	Boring Bars (Dynamic Bar)
EO○□- SCLC%○○-○○A	F39	Boring Bars (Dynamic Bar)
EO○□- SCLC%○○-○○A-○/○	F39	Boring Bars (Dynamic Bar)
EO○□- SCLP%○○-○○	F100	Boring Bars (Discontinued Description)
EO○□- SCLP%○○-○○A	F41	Boring Bars (Dynamic Bar)
EO○□- SCLP%○○-○○A-○/○	F41	Boring Bars (Dynamic Bar)
EO○□- SDQC%○A	F46	Boring Bars (Dynamic Bar)
EO○□- SDQC%○A-○/○	F46	Boring Bars (Dynamic Bar)
EO○□- SDQC%○○-○○A	F46	Boring Bars (Dynamic Bar)
EO○□- SDQC%○○-○○A-○/○	F46	Boring Bars (Dynamic Bar)
EO○□- SDUC%○A	F45	Boring Bars (Dynamic Bar)
EO○□- SDUC%○A-○/○	F45	Boring Bars (Dynamic Bar)
EO○□- SDUC%○○-○○A	F45	Boring Bars (Dynamic Bar)
EO○□- SDUC%○○-○○A-○/○	F45	Boring Bars (Dynamic Bar)
EO○□- SDZC%○○-○○A	F47	Boring Bars (Dynamic Bar)
EO○□- STLP%○○-○○A	F53	Boring Bars (Dynamic Bar)
EO○□- STLP%○○-○○A-○/○	F53	Boring Bars (Dynamic Bar)
EO○□- STUP%○○-○○	F101	Boring Bars (Discontinued Description)
EO○□- SVPB%○○-○○A	F60	Boring Bars (Dynamic Bar)
EO○□- SVPC%○○-○○A	F60	Boring Bars (Dynamic Bar)
EO○□- SVUB%○○-○○A	F63	Boring Bars (Dynamic Bar)
EO○□- SVUC%○○-○○A	F63	Boring Bars (Dynamic Bar)
EO○□- SWUB%○○-○○A	F67	Boring Bars (Dynamic Bar)
EO○□- SWUB%○○-○○A-○/○	F67	Boring Bars (Dynamic Bar)
EO○□- SWUP%○○-○○A	F67	Boring Bars (Dynamic Bar)
EO○□- SWUP%○○-○○A-○/○	F67	Boring Bars (Dynamic Bar)
EGT 16-1	G42	Toolholder (External Grooving)
ENG ○○○S○○○○○	B91	Insert (Turning)
ENG ○○○(○)T○○○○○	B91	Insert (Turning)
ENG ○○○T○○○○○AA	B91	Insert (Turning)
EZBR ○○○○○-○○○NB	C21, C33, F18	EZ Bars (Boring)
EZBR ○○○○○HP-○○○F	F16	EZ Bars (Boring)
EZBR ○○○○○HP-○○○H	F16	EZ Bars (Boring)
EZBR ○○○○○ST-○○○F	F17	EZ Bars (Boring)
EZBR ○○○○○ST-○○○H	F17	EZ Bars (Boring)
EZFRG ○○○○○-○○○	G76	EZ Bars (Internal Face Grooving)
EZGR ○○○○○-○○○	G48	EZ Bars (Internal Grooving)
EZGR ○○○○○-○○○S	G48	EZ Bars (Internal Grooving)
EZTR ○○○○○-○○-○○○	J28	EZ Bars (Internal Threading)
EZH ○○○○○(○)CT-○○○	F22, F23, F92, J29	Sleeve
EZH ○○○○○(○)HP-○○○	F24, F25, F92, J29	Sleeve
EZH ○○○○○(○)ST-○○○	F26, F27, F92, J29	Sleeve
EZVBR ○○○○○-○○○	F21	EZ Bars (Boring / Internal Facing / Copying)
F		
FGG% ○○○○-○○	G33	Insert (Grooving)
FH-2	P17	Spare Parts (Hexagon Wrench / Flag Type)
FH-2.5	P17	Spare Parts (Hexagon Wrench / Flag Type)
FMM ○○-○○	G119	Insert (Grooving)
FMN ○	G119	Insert (Grooving)
FT-5	E34	Spare Parts (Torx Wrench / Flag Type)
FT-6	P17	Spare Parts (Torx Wrench / Flag Type)
FT-7	P17	Spare Parts (Torx Wrench / Flag Type)
FT-8	P17	Spare Parts (Torx Wrench / Flag Type)

Part Number	Page	Description
FT-10	P17	Spare Parts (Torx Wrench / Flag Type)
FT-15	P17	Spare Parts (Torx Wrench / Flag Type)
FTK ○	G121	Insert (Face Grooving)
FTS-15	F75	Spare Parts (Torx Wrench / Flag Type)
G		
GA ○○	G41	Insert (Grooving)
GB ○○%○○○	C30	Insert (Grooving)
GB ○○%○○○R	G7	Insert (Grooving)
GBA ○○%○○○	C20, C30, G8	Insert (Grooving / Previous Description)
GBA ○○%○○○MY(N)	G7, G9	Insert (Grooving / Previous Description)
GBA ○○%○○○N	G6	Insert (Grooving / Previous Description)
GBA ○○%○○○R	G7, G10	Insert (Grooving / Previous Description)
GBA ○○%○○○(○○○)	C20, C30, G8, G10	Insert (Grooving)
GBA ○○%○○○-○○○GM	G9	Insert (Grooving)
GBA ○○%○○○-○○○MY	G9	Insert (Grooving)
GBA ○○%○○○-○○○R	G10	Insert (Grooving)
GDFM ○○○○N-○○○DM	G83	Insert (Face)
GDFM ○○○○N-○○○GH	G83	Insert (Face Grooving)
GDFM ○○○○N-○○○GM	G83	Insert (Face Grooving)
GDFM ○○○○N-○○○R-CM	G83	Insert (Face Grooving)
GDFMS ○○○○N-○○○DM	G83	Insert (Face Grooving)
GDG ○○○○N-○○○GS	G17	Insert (Grooving)
GDG ○○○○N-○○○PG	H12	Insert (Cut-Off)
GDG ○○○○%○○○PG-○○○	H12	Insert (Cut-Off)
GDGS ○○○○N-○○○NB	C20, C31, G17	Insert (Grooving)
GDM ○○○○N-○○○GM	G17	Insert (Grooving)
GDM ○○○○N-○○○GM	G65	Insert (Grooving)
GDM ○○○○N-○○○GL	G17	Insert (Grooving)
GDM ○○○○N-○○○PF	H12	Insert (Cut-Off)
GDM ○○○○N-○○○PH	G17, H13	Insert (Grooving / Cut-Off)
GDM ○○○○N-○○○PM	H13	Insert (Cut-Off)
GDM ○○○○N-○○○PQ	H12	Insert (Cut-Off)
GDM ○○○○N-○○○R-CM	G17, G65	Insert (Grooving)
GDM ○○○○%○○○PF-○○○	H13	Insert (Cut-Off)
GDM ○○○○%○○○PM-OD	H13	Insert (Cut-Off)
GDM ○○○○%○○○PQ-○○○	H13	Insert (Cut-Off)
GDMS ○○○○N-○○○GM	G17	Insert (Grooving)
GDMS ○○○○N-○○○PH	G17, H13	Insert (Grooving / Cut-Off)
GDMS ○○○○N-○○○PM	H13	Insert (Cut-Off)
GDMS ○○○○%○○○PM-OD	H13	Insert (Cut-Off)
GE% ○○○-○○○□	G52, G54	Insert (Grooving)
GER ○○○-○○○□□	G52-G53, G54	Insert (Grooving)
GFV% ○○○○□-○○○(○)□	G110	Toolholder (Face Grooving)
GFVS% ○○-H□	G112	Toolholder (Face Grooving)
GFVS% ○○○○□-H□	G114	Toolholder (Face Grooving)
GFVS% ○○○○□-○○A	G108	Toolholder (Face Grooving)
GFVS% ○○-○○○(○)□	G112-G113	Toolholder (Face Grooving)
GFVS% ○○○○□-○○○(○)□	G114	Toolholder (Face Grooving)
GFVT% ○○-H□	G112	Toolholder (Face Grooving)
GFVT% ○○○○□-H□	G114	Toolholder (Face Grooving)
GFVT% ○○○○□-○○A	G108	Toolholder (Face Grooving)
GFVT% ○○-○○○(○)□	G112-G113	Toolholder (Face Grooving)
GFVT% ○○○○□-○○○(○)□	G114	Toolholder (Face Grooving)
GG ○○○-○○T00320	G42	Insert (Grooving)
GH ○○○○(○)-○○	B99, G41, G67	Insert (Grooving)
GHU ○○-○○	G41, G67	Insert (Grooving)
GIA ○○	G69	Insert (Grooving)
GIFV% ○○○○B-○○○□	G122	Toolholder (Face Grooving)
GIV% ○○○○-○□	G61	Toolholder (Grooving)
GIV% ○○○○-○□(□)	G61	Toolholder (Grooving)
GIV% ○○○○-○E	G61	Toolholder (Grooving)
GIV% ○○○○-○W	G61	Toolholder (Grooving)
GMG ○○○○-○○	G32	Insert (Grooving / Previous Description)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

A	GRADES	
	B	INSERTS
		C
D		
	E	
		F
G		
	H	
		J
N		
	P	
		R
T		

Part Number	Page	Description
GMG ○○○○-○○MG	G32, G68, G120	Insert (Grooving / Previous Description)
GMG ○○○○-○○OR	G32	Insert (Grooving / Previous Description)
GMG ○○○○-○○RU	G32	Insert (Grooving / Previous Description)
GMG ○○○○-○○○MG	G32, G68, G120	Insert (Grooving)
GMG ○○○○-○○○MS	G32	Insert (Grooving)
GMG ○○○○-○○○OR	G32	Insert (Grooving)
GMG ○○○○-○○○RU	G32	Insert (Grooving)
GMGA ○○○○-○○OR	G33, G68, G120	Insert (Grooving / Previous Description)
GMGA ○○○○-○○OR	G33, G68, G120	Insert (Grooving)
GMM 3014-04	G33	Insert (Grooving)
GMM 3014-15R	G33	Insert (Grooving)
GMM 3014-15RU	G33	Insert (Grooving)
GMM ○○○○-MT	G34, H22	Insert (Grooving)
GMM ○○○○-NB	G34, H22	Insert (Grooving)
GMM ○○○○% -MT-15D	G34, H22	Insert (Grooving)
GMM ○○○○% -TK-8D	G34, H22	Insert (Grooving)
GMM ○○○○% -TMR-6D	H22	Insert (Grooving)
GMM ○○○○-TK	G34, H22	Insert (Grooving)
GMM ○○○○-TMR	H22	Insert (Grooving)
GMM ○○○○-○○	G32, G68, G120	Insert (Grooving / Previous Description)
GMM ○○○○-○○MS	G32	Insert (Grooving / Previous Description)
GMM ○○○○-○○OR	G32	Insert (Grooving / Previous Description)
GMM ○○○○-○○(○)V	G66	Insert (Grooving / Previous Description)
GMM ○○○○-○○(○)VR	G66	Insert (Grooving / Previous Description)
GMM ○○○○-○○○MS	G32	Insert (Grooving)
GMM ○○○○-○○○MW	G32, G68, G120	Insert (Grooving)
GMM ○○○○-○○○OR	G32	Insert (Grooving)
GMM ○○○○-○○○OV	G66	Insert (Grooving)
GMM ○○○○-○○○VR	G66	Insert (Grooving)
GMN ○(○)	C20, C30, G34, G35, H22	Insert (Grooving)
GMN ○-TK	G34, H22	Insert (Grooving)
GM% ○-TK-8D	G34, H22	Insert (Grooving)
GM% ○(○)-○○(○)D	G34, H22	Insert (Grooving)
GMGW ○○○○-○○OR	C31, G44	Insert (Grooving)
GMGW ○○○○-○○OR-HR	C31, G44	Insert (Grooving)
GP-1	P19	Spare Parts (Plug)
GP-2	P19	Spare Parts (Plug)
GS-50	G14, G38, G63, G65-G66, P2	Spare Parts (Screw)
GS-50S	J18, J26, J27.P2	Spare Parts (Screw)
GS-4090T%W	P2	Spare Parts (Screw)
GV% ○○○□R	G59	Insert (Grooving / Previous Description)
GV% ○○○□(□)	C30, G59	Insert (Grooving / Previous Description)
GV% ○○○-○○○□(□)	G59	Insert (Grooving)
GV% ○○○-○○○A/B/C	C30	Insert (Grooving)
GVF% ○○○□	C30, G116	Insert (Grooving / Previous Description)
GVF% ○○○AA	G109	Insert (Grooving / Previous Description)
GVF% ○○○□R	G116	Insert (Grooving / Previous Description)
GVF% ○○○-○○○AA	G109, G116	Insert (Grooving)
GVF% ○○○-○○○□	C30, G116	Insert (Grooving)
GVF% ○○○-○○○□R	G116	Insert (Grooving)
H		
HA○○ PCLN% 12-○○	F73	Boring Bar (AD Bar Interchangeable Head)
HA○○ PDUN% 15-○○	F74	Boring Bar (AD Bar Interchangeable Head)
HA○○ PTFN% 16-○○	F74	Boring Bar (AD Bar Interchangeable Head)
HA○○ SCLC% 09-○○	F75	Boring Bar (AD Bar Interchangeable Head)
HA○○ SDUC% 11-○○	F75	Boring Bar (AD Bar Interchangeable Head)
HCB300	D27	Spare Parts (Chipbreaker)
HCB314	D25	Spare Parts (Chipbreaker)
HCB315	D25	Spare Parts (Chipbreaker)

Part Number	Page	Description
HCB318	D24	Spare Parts (Chipbreaker)
HCL-000	D27	Spare Parts (Clamp Set)
HCL-001	D27, D29	Spare Parts (Clamp Set)
HCL-002	D27	Spare Parts (Clamp Set)
HCL-007	D29	Spare Parts (Clamp Set)
HCL-008	D24, D25	Spare Parts (Clamp Set)
HCL-009	G42-G43	Spare Parts (Clamp Set)
HCL-011	G42-G43	Spare Parts (Clamp Set)
HCL-013	D29	Spare Parts (Clamp Set)
HCL-016	D29	Spare Parts (Clamp Set)
HCL-017C	D29	Spare Parts (Clamp Set)
HCLN% ○○-○○	D24	Toolholder (Turning)
HF20X53H	P2	Spare Parts (Screw)
HF24X60H	P2	Spare Parts (Screw)
HH3X6	F95, P2	Spare Parts (Screw)
HH3X12	D34-D38, F95, P2	Spare Parts (Screw)
HH4X12	G113-G114, P3	Spare Parts (Screw)
HH4X16	P2	Spare Parts (Screw)
HH5X15	D25, G69, P2	Spare Parts (Screw)
HH5X16	G20-G21, G36-G39, G94, H16, H17, H24, H25, P2	Spare Parts (Screw)
HH5X20	F76, G118-G119, P2	Spare Parts (Screw)
HH5X25	G20-G21, G36-G39, G118-G119, H16, H17, H24, H25, H27, H29, P2	Spare Parts (Screw)
HH5X30	F76.P2	Spare Parts (Screw)
HH6X12	P2	Spare Parts (Screw)
HH6X16	N14-N16, P2	Spare Parts (Screw)
HH6X16AA	P2	Spare Parts (Screw)
HH6X18XX	P2	Spare Parts (Screw)
HH6X20	F76, G41, G68, N15-N16, P2	Spare Parts (Screw)
HH6X25	G20-G21, G36, G40, G44, G67, G120, H16, H24, P2	Spare Parts (Screw)
HH6X30	F76, H29, P2	Spare Parts (Screw)
HH8X25	N14, P3	Spare Parts (Screw)
HH8X25H	P3	Spare Parts (Screw)
HH8X30	N14	Spare Parts (Screw)
HH8X35	P3	Spare Parts (Screw)
HH8X40	P3	Spare Parts (Screw)
HH8X50	P3	Spare Parts (Screw)
HH8X55	P3	Spare Parts (Screw)
HH8X65	P3	Spare Parts (Screw)
HH8X70	P3	Spare Parts (Screw)
HH8X80	P3	Spare Parts (Screw)
HH8X85	P3	Spare Parts (Screw)
HH8X100	P3	Spare Parts (Screw)
HH8X110	P3	Spare Parts (Screw)
HH10X25	P3	Spare Parts (Screw)
HH10X30	P3	Spare Parts (Screw)
HH10X30H	P3	Spare Parts (Screw)
HH10X30M	P3	Spare Parts (Screw)
HH10X30S	P3	Spare Parts (Screw)
HH10X35	P3	Spare Parts (Screw)
HH10X35HK	P3	Spare Parts (Screw)
HH10X40	P3	Spare Parts (Screw)
HH12X25	P3	Spare Parts (Screw)
HH12X35	P3	Spare Parts (Screw)
HH12X35H	P3	Spare Parts (Screw)
HH12X35HK	P3	Spare Parts (Screw)
HH12X35M	P3	Spare Parts (Screw)
HH12X40	P3	Spare Parts (Screw)
HH12X55	P3	Spare Parts (Screw)
HH12X65	P3	Spare Parts (Screw)
HH12X80	P3	Spare Parts (Screw)
HH12X85	P3	Spare Parts (Screw)
HH12X100	P3	Spare Parts (Screw)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
HH12X110	P3	Spare Parts (Screw)
HH12X120	P3	Spare Parts (Screw)
HH12X130	P3	Spare Parts (Screw)
HH12X140	P3	Spare Parts (Screw)
HH12X150	P3	Spare Parts (Screw)
HH16X35	P3	Spare Parts (Screw)
HH16X40	P3	Spare Parts (Screw)
HH16X45	P3	Spare Parts (Screw)
HH16X52H	P3	Spare Parts (Screw)
HH16X65	P3	Spare Parts (Screw)
HH16X90	P3	Spare Parts (Screw)
HH16X110	P3	Spare Parts (Screw)
HH16X130	P3	Spare Parts (Screw)
HH20X40	P3	Spare Parts (Screw)
HH20X55	P3	Spare Parts (Screw)
HH20X75	P3	Spare Parts (Screw)
HH20X90	P3	Spare Parts (Screw)
HH20X110	P3	Spare Parts (Screw)
HH20X120	P3	Spare Parts (Screw)
HH20X140	P3	Spare Parts (Screw)
HH20X150	P3	Spare Parts (Screw)
HH20X170	P3	Spare Parts (Screw)
HH24X40	P3	Spare Parts (Screw)
HH24X60	P3	Spare Parts (Screw)
HH24X75	P3	Spare Parts (Screw)
HH24X90	P3	Spare Parts (Screw)
HH24X110	P3	Spare Parts (Screw)
HH24X120	P3	Spare Parts (Screw)
HH24X140	P3	Spare Parts (Screw)
HH24X150	P3	Spare Parts (Screw)
HH24X170	P3	Spare Parts (Screw)
HPB%	○○○○-○○○	F36 2-Edge Tip-Bars (Boring)
HPB%	○○○○-○○○NB	F36 2-Edge Tip-Bars (Boring)
HPBT%	○○○○-○○○	F36 2-Edge Tip-Bars (Back Boring)
HPFG%	○○○○-○○	G79 2-Edge Tip-Bars (Internal Face Grooving)
HPG%	○○○○-○○	G51 2-Edge Tip-Bars (Internal Grooving)
HPTR	○○○○○-○○-○○○	J32 2-Edge Tip-Bars (Internal Threading)
HRSN%	○○-○□	D29 Toolholder (Turning)
HS3X4	F30, F31, F32, F94, P4	Spare Parts (Screw)
HS3X4P	F22, F24, F27, P4	Spare Parts (Screw)
HS3X8	F31, P4	Spare Parts (Screw)
HS3X12	P4	Spare Parts (Screw)
HS3X16	P4	Spare Parts (Screw)
HS4X4	F94, F95, N14-N16, P4	Spare Parts (Screw)
HS4X4P	F22, F24, F27, P4	Spare Parts (Screw)
HS5X5	F95, N14-N16, P4	Spare Parts (Screw)
HS6X4P	F94, G57, P4	Spare Parts (Screw)
HS6X6	F95, P4	Spare Parts (Screw)
HS6X14	F95, P4	Spare Parts (Screw)
HS6X22	F95, P4	Spare Parts (Screw)
HS8X10	N10, P4	Spare Parts (Screw)
HS8X12	N10, P4	Spare Parts (Screw)
HS10X10	F95, P4	Spare Parts (Screw)
HS10X16	N10, P4	Spare Parts (Screw)
HS12X12	N10, P4	Spare Parts (Screw)
HS12X16	N10, P4	Spare Parts (Screw)
HS12X18	N10, P4	Spare Parts (Screw)
HS12X20	N10, P4	Spare Parts (Screw)
HS12X25	N3, P4	Spare Parts (Screw)
HS12X30	N3-N4, P4	Spare Parts (Screw)
HS12X35	N4, P4	Spare Parts (Screw)
HS16X12	N10, P4	Spare Parts (Screw)
HS16X18	N10, P4	Spare Parts (Screw)
HS16X20	N10, P4	Spare Parts (Screw)

Part Number	Page	Description
HSB4X8%	E17-E19, E22, E24, E30, P4	Spare Parts (Screw)
HSDNN	○○-○□	D27 Toolholder (Turning)
HSH655	D29	Spare Parts (Shim)
HSH657	D29	Spare Parts (Shim)
HSH661	D29	Spare Parts (Shim)
HSH665A	D29	Spare Parts (Shim)
HSRN%	○○-○□	D27 Toolholder (Turning)
I		
ICSN433	D8, D24	Spare Parts (Shim)
ICSN453	D24	Spare Parts (Shim)
ICSN533	D8	Spare Parts (Shim)
ICSN633	D8	Spare Parts (Shim)
IDSN433	D25	Spare Parts (Shim)
IDSN443	D10	Spare Parts (Shim)
IDSN453	D25	Spare Parts (Shim)
IRSN43	D29	Spare Parts (Shim)
IRSN45	D29	Spare Parts (Shim)
ISSN433	D12, D27	Spare Parts (Shim)
ISSN453	D27	Spare Parts (Shim)
ITSN323	D14	Spare Parts (Shim)
ITSN333	D14	Spare Parts (Shim)
ITSN432	D14	Spare Parts (Shim)
IWSN322	D19	Spare Parts (Shim)
IWSN432	D22	Spare Parts (Shim)
J		
JCET	○○○○○(○)M%-F	B66 Insert (Turning)
JCET	○○○○○(○)M%-FSF	B66 Insert (Turning)
JCET	○○○○○(○)%-FSF	B66 Insert (Turning)
JCGT	○○○○○(○)M%-F	B66 Insert (Turning)
JCGT	○○○○○(○)%-F	B66 Insert (Turning)
K		
KDB%	16-1	G43 Toolholder (External Grooving)
KCFP	○○○○%	G117 Insert (Cera-Notch Grooving / Threading)
KCG	○○○○%	G30, G70 Insert (Cera-Notch Grooving / Threading)
KCGP	○○○○%	G30, G70 Insert (Cera-Notch Grooving / Threading)
KCGDP	○○○○%	G30, G70 Insert (Cera-Notch Grooving / Threading)
KCRP		G30, G70 Insert (Cera-Notch Grooving / Threading)
KCT	○%	J17 Insert (Cera-Notch Grooving / Threading)
KCTP	○%	J17 Insert (Cera-Notch Grooving / Threading)
KCTK	○%	J17 Insert (Cera-Notch Grooving / Threading)
KFMS%	○○-○-○○○○(○)(○)	G118-G119 Toolholder (Face Grooving)
KFMS%	○○○○□○○(○)○○(○)-8	G120 Toolholder (Face Grooving)
KFMS%	○○○○□○○(○)○○(○)-○	G118-G119 Toolholder (Face Grooving)
KFTB%	○○○○○(○)-OS	G121 Blade (Face Grooving)
KGA%	○○○○□-○	G41 Toolholder (Grooving)
KGBA%	○○-○	G11 Toolholder (Grooving)
KGBA%	○○-○-○○(□)	G11 Toolholder (Grooving)
KGBA%	○○○○□-○○	G11 Toolholder (Grooving)
KGBA%	○○○○22-○○	G11 Toolholder (Grooving)
KGBA%	○○○○22-○○T5	G11 Toolholder (Grooving)
KGBAS%	○○-○	G11 Toolholder (Grooving)
KGBAS%	○○-○-○○	G11 Toolholder (Grooving)
KGBAS%	○○○○□-○○	G11 Toolholder (Grooving)
KGBAS%	○○○○□22-○○	G11 Toolholder (Grooving)
KGBAS%	○○○○□22-○○T5	G11 Toolholder (Grooving)
KGDF%	-○○(○)-○□-C	G86-G93, G95-G105 Blade (Face Grooving)
KGDF%	○○○○X○○(○)-OS	G90-G93 Toolholder (Face Grooving)
KGDF%	○○○○○○○(○)-OB-Z	G94 Toolholder (Face Grooving)
KGD%	○○-C	G86-G89 Toolholder Body (Grooving / Cut-Off)
KGD%	OT○○-C	G22-G23, G25 Blade (Grooving / Cut-Off)
KGD%	○○○○-C	G22-G25, G90-G93 Toolholder Body (Grooving / Cut-Off)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	KGD%	G20, H16	Toolholder (Grooving / Cut-Off)
	KGD%	G21, H17	Toolholder (Grooving / Cut-Off)
	KGD%	G19, H14	Toolholder (Grooving / Cut-Off)
B	KGD%	G19, H14	Toolholder (Grooving / Cut-Off)
	KGD%	G19, H14	Toolholder (Grooving / Cut-Off)
	KGD%	G19, H14	Toolholder (Grooving / Cut-Off)
C	KGD%	G22, H18	Toolholder (Grooving / Cut-Off)
	KGD%	G23, H19	Toolholder (Grooving / Cut-Off)
	KGD%	G19, H14	Toolholder (Grooving / Cut-Off)
D	KGDIR	G65	Toolholder (Internal Grooving)
	KGDI%	G65	Toolholder (Internal Grooving)
	KGDS%	G95-G99	Toolholder (Grooving)
E	KGDS%	G24-G25, G100-G104	Toolholder (Grooving)
	KGDS%	H15	Toolholder (Cut-Off)
	KGDS%	G24	Toolholder (Grooving)
F	KGH%	G40	Toolholder (Grooving)
	KGHS%	G40	Toolholder (Grooving)
	KGIAR	G69	Toolholder (Grooving / Toolholder Body)
G	KGIAR	G69	Toolholder (Grooving)
	KGM%	G36, H24	Toolholder (Grooving / Cut-Off)
	KGM%	G36, H24	Toolholder (Grooving / Cut-Off)
H	KGM%	G36, H24, H33	Toolholder (Grooving / Cut-Off)
	KGM%	G37, H24	Toolholder (Grooving / Cut-Off)
	KGM%	G37, H25	Toolholder (Grooving / Cut-Off)
I	KGMM%	G38, H25	Toolholder (Grooving)
	KGMS%	G38	Toolholder (Grooving)
	KGMU%	G39	Toolholder (Grooving)
J	KGMW%	G44	Toolholder (Grooving)
	KIGBA%	G62	Toolholder (Grooving)
	KIGBA%	G62	Toolholder (Grooving)
K	KIGHR	G67	Toolholder (Grooving)
	KIGM%	G68	Toolholder (Grooving)
	KIGM%	G66	Toolholder (Grooving)
L	KIGM%	G66	Toolholder (Grooving)
	KIGMU%	G68	Toolholder (Grooving)
	KITG%	G63, J26	Toolholder (Grooving / Threading)
M	KKC%	G31, J16	Toolholder (Cera-Notch Grooving / Threading)
	KKC%	G31, J16	Toolholder (Cera-Notch Grooving / Threading)
	KKCE%	G117	Toolholder (Cera-Notch Face Grooving)
N	KN91%	P25	Toolholder (Grooving / Discontinued Description)
	KNMX	B28	Insert (Turning)
	KPS-42	E42, F70, P8	Spare Parts (Shim)
O	KPT-32	E43, F71, P8	Spare Parts (Shim)
	KPT-42	P8	Spare Parts (Shim)
	KSTB	E44	Sub Spindle Tools
P	KSTB	E44	Sub Spindle Tools
	KSTB	E44	Sub Spindle Tools
	KSTB	E44	Sub Spindle Tools
Q	KSTB	E44	Sub Spindle Tools
	KSTB	E45	Sub Spindle Tools
	KSTB	E45	Sub Spindle Tools
R	KSTB	E45	Sub Spindle Tools
	KSTB	E45	Sub Spindle Tools
	KSTB	E45	Sub Spindle Tools
S	KSTB	E45	Sub Spindle Tools
	KTG%	G14	Toolholder (Grooving)
	KTG%	G14	Toolholder (Grooving)
T	KTGF%	G12	Toolholder (Grooving)
	KTGF%	G12	Toolholder (Grooving)
	KTGF%	G12	Toolholder (Grooving)
U	KTGB%	H28	Blade (Cut-Off)
	KTGB%	H28	Blade (Cut-Off)
	KTGB%	H28	Blade (Cut-Off)
V	KTFL%	E12	Toolholder (Back Turning / Cut-Off / Threading)
	KTFL%	E12, E51, J22	Toolholder (Back Turning / Cut-Off / Threading)

Part Number	Page	Description
KTKF%	E12, J22, H8	Toolholder (Back Turning / Cut-Off / Threading)
KTKF%	E12, E51, J22, H8, H33	Toolholder (Back Turning / Cut-Off / Threading)
KTKFS%	H10	Toolholder (Cut-Off)
KTKFS%	H10	Toolholder (Cut-Off)
KTKH%	H31	Toolholder (Cut-Off)
KTKH%	H30	Toolholder (Cut-Off)
KTKH%	H31	Toolholder (Cut-Off)
KTKH%	H31	Toolholder (Cut-Off)
KTKH%	H33	Toolholder (Cut-Off)
KTKH%	H33	Toolholder (Cut-Off)
KTCTB	H29	Block (Cut-Off)
KTCTBF	H29	Block (Cut-Off)
KTN%	J20	Toolholder (Threading)
KTN%	J20	Toolholder (Threading)
KTN%	J20	Toolholder (Threading)
KTNSR	J20	Toolholder (Threading)
KTT%	J26	Toolholder (Threading)
KTTXR	J24	Toolholder (Threading)
KTTXR	J24	Toolholder (Threading)
KVN-32	D20, P8	Spare Parts (Shim)
L		
LC-32	P9	Spare Parts (Shim)
LC-32N	D9, F78, P9	Spare Parts (Shim)
LC-42	P9	Spare Parts (Shim)
LC-42N	D9, E40, P9	Spare Parts (Shim)
LC-42N-20	D9, P9	Spare Parts (Shim)
LC-42%	P9	Spare Parts (Shim)
LC-42N%	F78, P9	Spare Parts (Shim)
LC-42N% -20	P9	Spare Parts (Shim)
LC-4K	F73, P9	Spare Parts (Shim)
LC-53	P9	Spare Parts (Shim)
LC-53N	D9, P9	Spare Parts (Shim)
LCP025097	F22	Spare Parts (Adjustment Pin)
LCP025140	F24	Spare Parts (Adjustment Pin)
LD-4K	P9	Spare Parts (Shim)
LD-4K43	P9	Spare Parts (Shim)
LD-32	F79, P9	Spare Parts (Shim)
LD-32N	D11, F79, P9	Spare Parts (Shim)
LD-42	D11, F82, N5-N6, P9	Spare Parts (Shim)
LD-42-20	D11, F82, N5-N6, P9	Spare Parts (Shim)
LD-4K	F74, P9	Spare Parts (Shim)
LD-4K43	F74, P9	Spare Parts (Shim)
LD-43	D11, P9	Spare Parts (Shim)
LD-43-20	D11, P9	Spare Parts (Shim)
LGBA-16% S	G11, G62, N9, P14	Spare Parts (Clamp Set)
LGBA-22% S	G11, G62, N9, P14	Spare Parts (Clamp Set)
LL-03	P7	Spare Parts (Lock Pin)
LL-03N	D15, F85, N14, P7	Spare Parts (Lock Pin)
LL-03S	P7	Spare Parts (Lock Pin)
LL-03SN	F78, F85, F86, P7	Spare Parts (Lock Pin)
LL-03T	P7	Spare Parts (Lock Pin)
LL-03TN	D15, F85, P7	Spare Parts (Lock Pin)
LL-05C	D21, P7	Spare Parts (Lock Pin)
LL-1	P7	Spare Parts (Lock Pin)
LL-1C	P7	Spare Parts (Lock Pin)
LL-1CN	D21, D39, P7	Spare Parts (Lock Pin)
LL-1D	F79, P7	Spare Parts (Lock Pin)
LL-1DN	D11, F79, P7	Spare Parts (Lock Pin)
LL-1K	F74, P7	Spare Parts (Lock Pin)
LL-1N	D9, D11, D13, D15, D21, D23, E41, F78, F85, F86, N6, N14, P7	Spare Parts (Lock Pin)
LL-2	P7	Spare Parts (Lock Pin)
LL-2C	D39, P7	Spare Parts (Lock Pin)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
LL-2K	F73, P7	Spare Parts (Lock Pin)
LL-2N	D9, D13, D15, D21, D23, E40, F78, F88, N5, N7, N14, P7	Spare Parts (Lock Pin)
LL-3	P7	Spare Parts (Lock Pin)
LL-3K	F74, P7	Spare Parts (Lock Pin)
LL-3N	D11, F82, N5-N6, P7	Spare Parts (Lock Pin)
LL-4	D11, P7	Spare Parts (Lock Pin)
LL-5	P7	Spare Parts (Lock Pin)
LL-5N	D9, P7	Spare Parts (Lock Pin)
LNU ○○○○T○○○○○/○○○A	B98	Insert (Turning)
LP-2S	D20, P7	Spare Parts (Lock Pin)
LP-6S	D20, P7	Spare Parts (Lock Pin)
LPA-11	E17-E19, P7	Spare Parts (Anchor Pin)
LPA-13	E17-E19, P7	Spare Parts (Anchor Pin)
LPA-17	E17-E19, P7	Spare Parts (Anchor Pin)
LPF-11	E22, E24, E30, P7	Spare Parts (Anchor Pin)
LPF-13	E22, E24, P7	Spare Parts (Anchor Pin)
LPF-17	E22, E24, P7	Spare Parts (Anchor Pin)
LPF-1113	E30, P7	Spare Parts (Anchor Pin)
LPF-1117	E30, P7	Spare Parts (Anchor Pin)
LR-10C	D21, P9	Spare Parts (Shim)
LR-12C	D21, D39, P9	Spare Parts (Shim)
LR-16C	D39, P9	Spare Parts (Shim)
LR-80	D21, P9	Spare Parts (Shim)
LR-81	D21, P9	Spare Parts (Shim)
LS-03	P4	Spare Parts (Lock Screw)
LS-03S	P4	Spare Parts (Lock Screw)
LS-03N	D15, N14, P4	Spare Parts (Lock Screw)
LS-03SN	D15, F78, F85, F86, P4	Spare Parts (Lock Screw)
LS-05	D21, P4	Spare Parts (Lock Screw)
LS-1	P4	Spare Parts (Lock Screw)
LS-1N	D9, D11, D13, D15, D21, D23, D39, E41, F85, N6, N14, P4	Spare Parts (Lock Screw)
LS-1P	F74, P4	Spare Parts (Lock Screw)
LS-1S	F79, P4	Spare Parts (Lock Screw)
LS-1SN	F78, F79, F86, P4	Spare Parts (Lock Screw)
LS-1T	D39, P4	Spare Parts (Lock Screw)
LS-2	P4	Spare Parts (Lock Screw)
LS-2N	D9, D11, D13, D15, D21, D23, E40, F78, F82, F88, N5-N7, N14, P4	Spare Parts (Lock Screw)
LS-2P	F73, P4	Spare Parts (Lock Screw)
LS-3	D11, P4	Spare Parts (Lock Screw)
LS-3P	F74, P4	Spare Parts (Lock Screw)
LS-4	P4	Spare Parts (Lock Screw)
LS-4N	D9, P4	Spare Parts (Lock Screw)
LS-11	D20, P4	Spare Parts (Lock Screw)
LS-15	D20, P4	Spare Parts (Lock Screw)
LS-32	D13, P9	Spare Parts (Shim)
LS-42	D13, N14, P9	Spare Parts (Shim)
LSD-445R	P12	Spare Parts (Cartridge)
LSE-445R	P12	Spare Parts (Cartridge)
LSO-445R	P12	Spare Parts (Cartridge)
LSP-1	D9, D11, D13, D15, D21, D23, D39, E41, F78, F79, F85, F86, P7	Spare Parts (Shim Pin)
LSP-2	D9, D11, D13, D15, D21, D23, D39, E40, F78, F82, F88, N5-N7, N14, P7	Spare Parts (Shim Pin)
LSP-2K	F74, P7	Spare Parts (Shim Pin)
LSP-3	D9, P7	Spare Parts (Shim Pin)
LSP-3K	F73, F74, P7	Spare Parts (Shim Pin)
LSP-415R	P12	Spare Parts (Cartridge)
LT-3K	F74, P9	Spare Parts (Shim)
LT-32	P9	Spare Parts (Shim)
LT-32N	D15, E41, F85, N14, P9	Spare Parts (Shim)

Part Number	Page	Description
LT-32N-20	D15, E41, F85, P9	Spare Parts (Shim)
LT-42	P9	Spare Parts (Shim)
LT-42N	D15, N14, P9	Spare Parts (Shim)
LT-42N-20	D15, P9	Spare Parts (Shim)
-490R	P12	Spare Parts (Cartridge)
LTK-5	G121, H30, H31, H33, P18	Spare Parts (Wrench)
LTP-10	F74, P17	Spare Parts (Torx Plus Wrench / L-shaped Type)
LTP-15	F73, F74, P17	Spare Parts (Torx Plus Wrench / L-shaped Type)
LTW-8SS	E39, P17	Spare Parts (Torx Wrench / L-shaped Type)
LTW-10S	E12, E51, F30, F33-F35, G80-G81, H8, H10, H33, J22, P17	Spare Parts (Torx Wrench / L-shaped Type)
LTW-10SS	E38, P17	Spare Parts (Torx Wrench / L-shaped Type)
LTW-15S	G19, G36, G132, H14, H15, H24, H33, J20, P17	Spare Parts (Torx Wrench / L-shaped Type)
LTW-20	E23, F72, G19, G36-G38, G63, G66, G132, H14, H24, H25, H33, P17	Spare Parts (Torx Wrench / L-shaped Type)
LTW-25	G23-G25, G84, G92-G93, H18, H19, P17	Spare Parts (Torx Wrench / L-shaped Type)
LW0	D14	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-094	D8, D10, D12, D14, D22, D24, D25, D27, D29	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-1.5	F22, F24, F27, F30-F32, F94, P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-2	D29, F22, F24, F27, F88, F94, F95, N14-N16, P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-2.5	D14, D15, D22, E42, E43, F71, F84, F95, N14-N16, P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-3	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-4	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-4.5	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-5	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-6	N3-N4, N10, N14, P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-8	N10, P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-10	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-14	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-17	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-19	P17	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-32	P9	Spare Parts (Shim)
LW-32N	F86, P9	Spare Parts (Shim)
LW-42	P9	Spare Parts (Shim)
LW-42N	N7, P9	Spare Parts (Shim)
LW-42 $\frac{1}{2}$	P9	Spare Parts (Shim)
LW-42N $\frac{1}{2}$	F88, P9	Spare Parts (Shim)
LW-125	D8, D10	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-156	D8, D12, D14, D19, D22, G31, G42-G43, G71, G117, J16, J17	Spare Parts (Hexagon Wrench / L-shaped Type)
LX-156	D19	Spare Parts (Hexagon Wrench / L-shaped Type)
M		
M3X8	D24, D25, D27-D33, D35-D37, F89, F90, P4	Spare Parts (Screw)
M3X12	D24, D27-D29, D35-D37, F89, P4	Spare Parts (Screw)
M4X10	D24, D27, D29, D32, D33, P4	Spare Parts (Screw)
MAP-2506	P12	Spare Parts (Cartridge)
MCLN $\frac{1}{2}$ ○○-○□	D8	Toolholder (Turning)
MDJN $\frac{1}{2}$ ○○-○□	D10	Toolholder (Turning)
MSD-42	P9	Spare Parts (Shim)
MSE-4245S	P9	Spare Parts (Shim)
MSE-4215	P9	Spare Parts (Shim)
MSE-4245	P9	Spare Parts (Shim)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	MSO-4T245	P10	Spare Parts (Shim)
	MSO-5200	P10	Spare Parts (Shim)
	MSP-42	P10	Spare Parts (Shim)
B	MSSN% ○○-○□	D12	Toolholder (Turning)
	MTE-42	P10	Spare Parts (Shim)
	MTGN% ○○-○□	D14	Toolholder (Turning)
	MVJN% ○○-○□	D19	Toolholder (Turning)
C	MVLN% ○○○○□-○○	D19	Toolholder (Turning)
	MVN-32	D19, P10	Spare Parts (Shim)
	MVNN ○○-○□	D19	Toolholder (Turning)
	MVNN ○○○○□-○○	D19	Toolholder (Turning)
D	MWLN% ○○-○□	D22	Toolholder (Turning)
	N		
	NL34L	D14, D19	Spare Parts (Lock Pin)
E	NL46	D8, D10, D12, D14, D22	Spare Parts (Lock Pin)
	NL46L	D24, D25, D27, D29	Spare Parts (Lock Pin)
	NL58	D8	Spare Parts (Lock Pin)
	NL68	D8	Spare Parts (Lock Pin)
F	P		
	P-03	D15, N14, P7	Spare Parts (Shim Pin)
	P-03S	D15, F78, F85, F86, P7	Spare Parts (Shim Pin)
G	PC-1	D9, D11, D13, D15, D21, D23, D39, E41, F78, F79, F85, F86, N6, N14, P19	Spare Parts (Punch)
	PC-2	D9, D11, D13, D15, D21, D23, D39, E40, F78, F82, F88, N5-N7, N14, P19	Spare Parts (Punch)
	PC-2K	F73, F74	Spare Parts (Punch)
H	PCLN% ○○○○B-○○	F78	Boring Bar (Previous Description)
	PCLN% ○○○○B-○○H	F78	Boring Bar (Previous Description)
	PCLN% ○○-○□	D9	Toolholder (Turning)
	PCLN% ○○○○□-○○	D9	Toolholder (Turning)
I	PCLNR ○○○○□-○○FF	E40	Toolholder (Double Sided Tooling)
	PD-42	F82, P10	Spare Parts (Shim)
	PDHN% ○○○○□-○○	D11	Toolholder (Turning)
J	PDJN% ○○-○□	D11	Toolholder (Turning)
	PDJN% ○○○○□-○○	D11	Toolholder (Turning)
	PDJN% ○○○○-○○	D11	Toolholder (Turning)
K	PDUN% ○○○○B-○○	F79	Boring Bar (Previous Description)
	PDUN% ○○○○B-○○H	F79	Boring Bar (Previous Description)
	PH- ○○○○	F94	Sleeve (for Micro-Bars / Previous Description)
L	PH ○○-○□□	F94	Sleeve (for Micro-Bars)
	PH ○○○○-○○	F94	Sleeve (for Micro-Bars)
	PP-4	F82, P7	Spare Parts (Lock Pin)
M	PRGC% ○○-○○□□	D21	Toolholder (Turning)
	PRGC% ○○○○□-○○	D21	Toolholder (Turning)
	PRGC% ○○○○□-○○BE	D39	Toolholder (Turning)
N	PRGC% ○○○○□-○○BF	D39	Toolholder (Turning)
	PRGN% ○○○○□-○○	D21	Toolholder (Turning)
	PRXC% ○○-○○□□	D21	Toolholder (Turning)
O	PRXC% ○○○○□-○○	D21	Toolholder (Turning)
	PSB% ○○○○-○○NBS	C21, C34, F37	Tip-Bars (Boring)
	PSB% ○○○○-○○S	F37	Tip-Bars (Boring)
P	PSBN% ○○○○□-○○	D13	Toolholder (Turning)
	PSBT% ○○○○-○○S	F37	Tip-Bars (Boring)
	PSDNN ○○○○□-○○	D13	Toolholder (Turning)
Q	PSFG% ○○○○-○○S	G79	Tip-Bars (Face Grooving)
	PSG% ○○○○-○○S	G51	Tip-Bars (Grooving)
	PSKNR ○○CA○○	N14	Toolholder (Cartridge)
R	PSKN% ○○○○□-○○	D13	Toolholder (Turning)
	PSSNR ○○CA○○	N14	Toolholder (Cartridge)
	PSSN% ○○○○□-○○	D13	Toolholder (Turning)
S	PSTR ○○○○-○○S	J34	Tip-Bars (Threading)
	PSYNR ○○CA○○	N14	Toolholder (Cartridge)

Part Number	Page	Description
PTFNR ○○CA○○	N14	Toolholder (Cartridge)
PTFN% ○○-○□	D15	Toolholder (Turning)
PTFN% ○○○○□-○○	D15	Toolholder (Turning)
PTGNR ○○CA○○	N14	Toolholder (Cartridge)
PTGN% ○○-○□	D15	Toolholder (Turning)
PTGN% ○○○○□-○○	D15	Toolholder (Turning)
PTLNR ○○○○□□-○○FF	E41	Toolholder (Double ded Tooling)
PTTNR ○○CA○○	N14	Toolholder (Cartridge)
PTUN% ○○○○B-○○	F85	Boring Bar (Previous Description)
PTUN% ○○○○B-○○H	F85	Boring Bar (Previous Description)
PVLN% ○○○○□-○○Q	D20	Toolholder (Turning)
PVPN% ○○○○□-○○Q	D20	Toolholder (Turning)
PVNN ○○○○□-○○Q	D20	Toolholder (Turning)
PWLN% ○○○○B-○○	F86	Boring Bar (Previous Description)
PWLN% ○○○○B-○○H	F86	Boring Bar (Previous Description)
PWLN% ○○-○□	D23	Toolholder (Turning)
PWLN% ○○○○□-○○	D23	Toolholder (Turning)
R		
RBG ○○K○○○○○	B98	Insert (Turning)
RBG ○○W	B98	Insert (Turning / Previous Description)
RCGX ○○○○M○-AQ	B66	Insert (Turning)
RCGX ○○E○○○	B98	Insert (Turning)
RCGX ○○○H○○○T○○○○○	B98	Insert (Turning)
RCGX ○○(○)S○○○○○	B98	Insert (Turning)
RCGX ○○(○)T○○○○○	B98	Insert (Turning)
RCGX ○○○T○○○○○/○○○AA	B98	Insert (Turning)
RCMA ○○(○)T○○○○○/○○○AA	B98	Insert (Turning)
RCMT ○○○○M○-BB	B87	Insert (Turning)
RCMX ○○○○M○	B66	Insert (Turning)
RNG ○○E○○○	B92	Insert (Turning)
RNG ○○K○○○○○	B92	Insert (Turning)
RNG ○○S○○○○○	B92	Insert (Turning)
RNG ○○T○○○○○	B92	Insert (Turning)
RNG ○○T○○○○○AA	B92	Insert (Turning)
RNMG ○○	B28	Insert (Turning)
RNM ○○S○○○○○	C19	Insert (Turning)
RPG ○○E○○○	B97	Insert (Turning)
RPG ○○T○○○○○	B97	Insert (Turning)
RPGX ○○E○○○	B98	Insert (Turning)
RPGX ○○T○○○○○	B98	Insert (Turning)
RPMT ○○○○M○-BB	B87	Insert (Turning)
S		
SO○□- CCLN%○	F91	Boring Bars
SO○□- CCLN%○○-○○A	F91	Boring Bars
SO○□- CCLN%○○-○○GX	F90	Boring Bars
SO○□- CDUN%○○-○○GX	F90	Boring Bars
SO○□- CELNR○○-○○	F89	Boring Bars
SO○□- CSKN%○	F89	Boring Bars
SO○□- CSKN%○○-○○	F89	Boring Bars
SO○□- CSKN%○○-○○A	P24	Boring Bars (Discontinued Description)
SO○□- CSKN%○○-○○GX	F90	Boring Bars
SO○□- CSKPRO○-○○	F70	Boring Bars
SO○□- CTUC%○○-○○	P24	Boring Bars (Discontinued Description)
SO○□- CTUN%○○-○○	F91	Boring Bars
SO○□- CTUN%○○-○○A	F91	Boring Bars
SO○□- CTUP%○	F71	Boring Bars
SO○□- CTUP%○○-○○	F71	Boring Bars
SO○(○)□- KTGFL16	G13	Sleeve Holder (Grooving)
SO○(○)□- KTTXL16	J24	Sleeve Holder (Threading)
SO○□- PCLN%○	F78	Boring Bars
SO○□- PCLN%○○-○○	F78	Boring Bars
SO○□- PDQN%○○-○○	F81	Boring Bars
SO○□- PDUN%○○-○○	F79, F81	Boring Bars

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
S00□- PDZN%00-00	F81	Boring Bars
S00□- PTUN%00-00	F85	Boring Bars
S00□- PWLN%00-00	F86, F88	Boring Bars
S00(○)□- SCLCLOO	E34	Sleeve Holder (Turning)
S00□- SCLC%00-00	F99	Boring Bars (Discontinued Description)
S00□- SCLC%00-00A	F39	Boring Bars (Dynamic Bar)
S00□- SCLC%0	F43	Boring Bars (General Purpose)
S00□- SCLC%0(○)E	F43	Boring Bars (General Purpose)
S00□- SCLC%00-00E	F98	Boring Bars (Discontinued Description)
S00□- SCLC%00-00AE	F39	Boring Bars (Dynamic Bar)
S00□- SCLCROO-000EZ	F20	Boring Bars (EZ Bar PLUS)
S00□- SCLP%00-00	F99	Boring Bars (Discontinued Description)
S00□- SCLP%0(○)	F39	Boring Bars (General Purpose)
S00□- SCLP%00-00A	F41	Boring Bars (Dynamic Bar)
S00□- SCLP%00-00E	F98	Boring Bars (Discontinued Description)
S00(○)□- SDLCLOO	E35	Sleeve Holder (Turning)
S00□- SDQC%00-00A	F46	Boring Bars (Dynamic Bar)
S00(○)□- SDUCLOO	E35	Sleeve Holder (Turning)
S00□- SDUC%0	F48	Boring Bars (General Purpose)
S00□- SDUC%00-00	F99	Boring Bars (Discontinued Description)
S00□- SDUC%00-00A	F45	Boring Bars (Dynamic Bar)
S00□- SDUC%00-00E	F98	Boring Bars (Discontinued Description)
S00□- SDZC%0	F49	Boring Bars (General Purpose)
S00□- SDZC%00-00	F99	Boring Bars (Discontinued Description)
S00□- SDZC%00-00A	F47	Boring Bars (Dynamic Bar)
S00□- SDZC%00-00E	F98	Boring Bars (Discontinued Description)
S00□- SINR-0	J21	Toolholder (Threading)
S00□- SSKPROO-00	F70	Boring Bars
S00□- STLB%0.OAE	F53	Boring Bars (Dynamic Bar)
S00□- STLB%00-00A	F53	Boring Bars (Dynamic Bar)
S00□- STLB%00-00AE	F53	Boring Bars (Dynamic Bar)
S00□- STLC%00-00A	F51	Boring Bars (Dynamic Bar)
S00□- STLP%00-00A	F53	Boring Bars (Dynamic Bar)
S00□- STUB%0.O	F55	Boring Bars (General Purpose)
S00□- STUB%00-00	F99	Boring Bars (Discontinued Description)
S00□- STUB%00-00E	F98	Boring Bars (Discontinued Description)
S00□- STUP%0(○)	F55	Boring Bars (General Purpose)
S00□- STUP%00-00	F99	Boring Bars (Discontinued Description)
S00□- STUP%00-00E	F98	Boring Bars (Discontinued Description)
S00(○)□- STWL15	G80	Toolholder (for Twin Bars)
S00□- STWP%0	F56, J35	Toolholder (Boring / Threading)
S00□- STWP%00-00	F56, J35	Toolholder (Boring / Threading)
S00□- STWP%00-00E	F56, J35	Toolholder (Boring / Threading)
S00(○)□- STWR15	F34	Toolholder (for Twin Bars)
S00□- SVJB%0	F64	Boring Bars (General Purpose)
S00□- SVJB%0E	F64	Boring Bars (General Purpose)
S00□- SVJB%00-00A	F58	Boring Bars (Dynamic Bar)
S00□- SVJB%00-00E	F97, F98	Boring Bars (Discontinued Description)
S00□- SVJB%00-00EN	F98	Boring Bars (Discontinued Description)
S00□- SVJC%00-00A	F58	Boring Bars (Dynamic Bar)
S00□- SVJC%00-00E	F99	Boring Bars (Discontinued Description)
S00□- SVJP%00-00A	F58	Boring Bars (Dynamic Bar)
S00□- SVJP%00-00E	F99	Boring Bars (Discontinued Description)
S00□- SVNR12	F31	Toolholder (for System Tip-Bars / Discontinued Description)
S00□- SVNR12N	F31	Toolholder (for System Tip-Bars)
S00(○)□- SVNR12S	P22	Toolholder (for System Tip-Bars / Discontinued Description)
S00(○)□- SVNR12SN	F31	Toolholder (for System Tip-Bars)
S00(○)□- SVNR12SXN	F33	Toolholder (for System Tip-Bars)
S00□- SVNR12XN	F33	Toolholder (for System Tip-Bars)
S00□- SVPB%00-00A	F60	Boring Bars (Dynamic Bar)
S00□- SVPB%0E	F64	Boring Bars (General Purpose)

Part Number	Page	Description
S00□- SVPB%00-00E	F97, F99	Boring Bars (Discontinued Description)
S00□- SVPB%00-00EN	F99	Boring Bars (Discontinued Description)
S00□- SVPC%0.OE	F64	Boring Bars (General Purpose)
S00□- SVPC%00-00A	F60	Boring Bars (Dynamic Bar)
S00□- SVPC%00-00E	F99	Boring Bars (Discontinued Description)
S00(○)□- SVUBLOO	E36	Sleeve Holder (Turning)
S00□- SVUCLOO	E36	Sleeve Holder (Turning)
S00□- SVUB%00-00A	F63	Boring Bars (Dynamic Bar)
S00□- SVUB%0E	F65	Boring Bars (General Purpose)
S00□- SVUB%00-00E	F97, F99	Boring Bars (Discontinued Description)
S00□- SVUB%00-00EN	F99	Boring Bars (Discontinued Description)
S00□- SVUC%0.OE	F65	Boring Bars (General Purpose)
S00□- SVUC%00-00A	F63	Boring Bars (Dynamic Bar)
S00□- SVUC%00-00E	F99	Boring Bars (Discontinued Description)
S00□- SVZB%0E	F65	Boring Bars (General Purpose)
S00□- SVZB%00-00A	F63	Boring Bars (Dynamic Bar)
S00□- SVZB%00-00E	F97, F99	Boring Bars (Discontinued Description)
S00□- SVZB%00-00EN	F99	Boring Bars (Discontinued Description)
S00□- SVZC%0.OE	F65	Boring Bars (General Purpose)
S00□- SVZC%00-00A	F63	Boring Bars (Dynamic Bar)
S00□- SVZC%00-00E	F99	Boring Bars (Discontinued Description)
S00□- SWUB%0.O	F68	Boring Bars (General Purpose)
S00□- SWUB%00-00	F99	Boring Bars (Discontinued Description)
S00□- SWUB%0.OAE	F67	Boring Bars (Dynamic Bar)
S00□- SWUB%00-00A	F67	Boring Bars (Dynamic Bar)
S00□- SWUB%00-00AE	F67	Boring Bars (Dynamic Bar)
S00□- SWUB%00-00E	F99	Boring Bars (Discontinued Description)
S00□- SWUB%00-00-00	F99	Boring Bars (Discontinued Description)
S00□- SWUP%00-00A	F67	Boring Bars (Dynamic Bar)
S00□- SWUP%00-00E	F99	Boring Bars (Discontinued Description)
S00□- SYXP%00-00E	P24	Boring Bars (Discontinued Description)
S00□- WWLN%00-00	F88	Boring Bars
S00□- WWLN%00-00E	F88	Boring Bars
S-34	D14, D19	Spare Parts (Shim Screw)
S-46	D8, D10, D12, D14, D22, D24, D25, D27, D29	Spare Parts (Shim Screw)
S-58	D8	Spare Parts (Shim Screw)
S-68	D8	Spare Parts (Shim Screw)
SABSR ○(○)-○○□□F	E17, E49	Toolholder (Turning)
SABSR ○○○○□(□)-00F	E17, E49	Toolholder (Turning)
SABWR ○○○○□(□)-00F	E18, E19, E49	Toolholder (Turning)
SB-1STR	F55, F57, P5	Spare Parts (Screw)
SB-1TR	F53, F55, F57, P5	Spare Parts (Screw)
SB-2TR	F55, F57, J21, P5	Spare Parts (Screw)
SB-3STR	F43, F56, P5	Spare Parts (Screw)
SB-3TR	F46, F55, F56, N16, P5	Spare Parts (Screw)
SB-3.5TR	J20, J21, P5	Spare Parts (Screw)
SB-4TR	F43, F56, F70, F72, G14, G63, J18, J26, J27, N16, P5	Spare Parts (Screw)
SB-5TR	G36-G38, G65-G66, H24, H25, P5	Spare Parts (Screw)
SB-1635TR	F20, F39, F43, F50, P5	Spare Parts (Screw)
SB-2035TR	F20, F39, F53, F67, P5	Spare Parts (Screw)
SB-2035TRG	P5	Spare Parts (Screw)
SB-2040TR	F68, F69, J21, P5	Spare Parts (Screw)
SB-2040TRG	P5	Spare Parts (Screw)
SB-2042TRG	P5	Spare Parts (Screw)
SB-2045TR	P5	Spare Parts (Screw)
SB-2045TRN	G55-G56, P5	Spare Parts (Screw)
SB-2050TR	E29, E32, E33, E36, E51, F58, F60, F63-F65, F67-F69, F82, F97, J21, P5	Spare Parts (Screw)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	SB-2060TR	P5	Spare Parts (Screw)
	SB-2080TR	P5	Spare Parts (Screw)
	SB-2250TR	F51, P5	Spare Parts (Screw)
B	SB-2255TR	G55-G57, P5	Spare Parts (Screw)
	SB-2260TR	P5	Spare Parts (Screw)
	SB-2290TR	P5	Spare Parts (Screw)
C	SB-2545TR	F39, F41, F43, F47, F53, F67, P5	Spare Parts (Screw)
	SB-2550TR	E32, E51	Spare Parts (Screw)
	SB-2555TRG	P5	Spare Parts (Screw)
D	SB-2555TRP	P5	Spare Parts (Screw)
	SB-2560TR	E34, E35, E44, F45-F49, F51, P5	Spare Parts (Screw)
	SB-2570TR	E21, E23, E25-E34, E36, E39, E44, E51, F58, F60, F63-F65, G55-G57, P5	Spare Parts (Screw)
E	SB-25100TR	P5	Spare Parts (Screw)
	SB-3060TR	F41, F53, P5	Spare Parts (Screw)
	SB-3060TRG	P5	Spare Parts (Screw)
F	SB-3065TRP	P5	Spare Parts (Screw)
	SB-3070TRG	P5	Spare Parts (Screw)
	SB-3070TRP	P5	Spare Parts (Screw)
G	SB-3080TR	D14, D22, E17-E19, E29, E38, F30, F31, F33-F35, F84, G55, G80-G81, N16, P5	Spare Parts (Screw)
	SB-3580TR	F75, P5	Spare Parts (Screw)
	SB-3590TRP	P5	Spare Parts (Screw)
H	SB-3592TR	P5	Spare Parts (Screw)
	SB-4050TRN	H10, P5	Spare Parts (Screw)
	SB-4060TR	P5	Spare Parts (Screw)
I	SB-4065TR	E34, E35, E44, F39, F41, F45-F47, F53, F67, P5	Spare Parts (Screw)
	SB-4070TRG	P5	Spare Parts (Screw)
	SB-4070TRN	P5	Spare Parts (Screw)
J	SB-4070TRS	E45, G12, G13, J26, P5	Spare Parts (Screw)
	SB-4070TRW	G12, G132, J24, P6	Spare Parts (Screw)
	SB-4075TRP	P5	Spare Parts (Screw)
K	SB-4082TPR	P5	Spare Parts (Screw)
	SB-4085TR	D8, D10, D12, D18, D22, E20, E23, E25-E28, E35, E44, F48, F49, F64, F77, F80, F83, F84, F87, G55, J21, P5	Spare Parts (Screw)
	SB-4085TRP	P5	Spare Parts (Screw)
L	SB-4090TRP	P5	Spare Parts (Screw)
	SB-4090TRPN	P5	Spare Parts (Screw)
	SB-40115TR	F64, F65, F97, P5	Spare Parts (Screw)
M	SB-40120TR	G19, H14, H15, P5	Spare Parts (Screw)
	SB-40125TRN	E30, E31, F58, F60, F63, N8, P5	Spare Parts (Screw)
	SB-40140TR	P5	Spare Parts (Screw)
N	SB-40140TRN	P5	Spare Parts (Screw)
	SB-45130TR	P5	Spare Parts (Screw)
	SB-4590TRWN	E12, E51, H8, H33, J22, P5	Spare Parts (Screw)
O	SB-5070TR	P5	Spare Parts (Screw)
	SB-5085TR	P5	Spare Parts (Screw)
	SB-5090TR	E23, F72, P5	Spare Parts (Screw)
P	SB-50120TR	P5	Spare Parts (Screw)
	SB-50120TRP	P5	Spare Parts (Screw)
	SB-50120TRS	P5	Spare Parts (Screw)
Q	SB-50140TR	P5	Spare Parts (Screw)
	SB-50140TRP	P5	Spare Parts (Screw)
	SB-60120TR	G23-G25, G84, G92-G93, H18, H19, P5	Spare Parts (Screw)
R	SC-30067	P6	Spare Parts (Screw)
	SC-35085	P6	Spare Parts (Screw)
	SC-40100	P6	Spare Parts (Screw)
S	SC-50130	P6	Spare Parts (Screw)
	SC-60160	P6	Spare Parts (Screw)

Part Number	Page	Description
SC-60210	P6	Spare Parts (Screw)
SCAC%	○○○○-○○	E49, P21 Toolholder (Turning / Discontinued Description)
SCACR	○○○○-○○○F	E49, P21 Toolholder (Turning / Discontinued Description)
SCLC%	○○○○□-○○	E23, E49 Toolholder (Turning)
SCLC%	○○-○○□F	E23, E49 Toolholder (Turning)
SCLC%	○○○○□(□)-○○○F	E23, E49 Toolholder (Turning)
SCLNR	○(○)-○.○□F	E38 Toolholder (for Small Double-Sided Tools)
SCLNR	○○○○□-○○○F	E38 Toolholder (for Small Double-Sided Tools)
SCMT	○○○○HQ	B67 Insert (Turning)
SDJC%	○○○○□-○○	E25, E48 Toolholder (Turning)
SDJC%	○○○○□-○○○F	E48, P21 Toolholder (Turning / Discontinued Description)
SDJCR	○○(○)-○○□-FO	E20, E49 Toolholder (Goose-neck Holder)
SDJCR	○○○○□□-○○-FO○	E20, E49 Toolholder (Goose-neck Holder)
SDJC%	○(○)-○○□F	E25, E49 Toolholder (Turning)
SDJC%	○○○○□(□)-○○○F	E25, E49 Toolholder (Turning)
SDLC%	○(○)-○○□F	E26, E49 Toolholder (Turning / Discontinued Description)
SDLC%	○○○○□(□)-○○○F	E26, E50 Toolholder (Turning / Discontinued Description)
SDLNR	○(○)-○.○□F	E38 Toolholder (for Small Double-Sided Tools)
SDLNR	○○○○□-○○○F	E38 Toolholder (for Small Double-Sided Tools)
SDLP%	○(○)-○○□F	E28, E50 Toolholder (Turning)
SDLP%	○○○○-○○○F	E50, P21 Toolholder (Turning / Discontinued Description)
SDLP%	○○○○□(□)-○○○F	E28, E50 Toolholder (Turning)
SDNCN	○(○)-○○□	E27, E50 Toolholder (Turning)
SDNCN	○○○○□(□)-○○	E27, E48 Toolholder (Turning)
SDNC%	○-○○□F	E27, E50 Toolholder (Turning)
SDNC%	○○○○□□-○○○F	E27, E50 Toolholder (Turning)
SDXC%	○○○○□□-○○	E26, E50 Toolholder (Turning)
SE-3070TRP	P6	Spare Parts (Screw)
SE-40050TRN	P6	Spare Parts (Screw)
SE-40055TR	P6	Spare Parts (Screw)
SE-40068TR	P6	Spare Parts (Screw)
SE-40080TR	P6	Spare Parts (Screw)
SE-40090TR	P6	Spare Parts (Screw)
SE-40100TR	P6	Spare Parts (Screw)
SE-40120TR	G36, G132, H24, H33, P6	Spare Parts (Screw)
SE-50125TR	G19, G36, G132, H14, H24, H33, P6	Spare Parts (Screw)
SEG	○○○NE	C29 Insert (Turning)
SF%	○○○(○)□	G112, G114, G115 Blade (Face Grooving)
SH-50150TR	P6	Spare Parts (Screw)
SH	○○○○	F95 Sleeve (for Boring Bar / Previous Description)
SH	○○○○-○○○	F95 Sleeve (for Boring Bar)
SHA	○○○○(○)-○○○	F94, G57 Sleeve (for Small Tools SIGE)
SHC	○○○○-○○	F95 Coolant Sleeve (for Boring Bar)
SHC-	○○○○○○	F95 Coolant Sleeve (for Boring Bar / Previous Description)
SHL-	○	F95 Spare Parts (Back Cover)
SI-GIV%	○○-○○	G61 Insert (Grooving)
SIGE%	○○EH	G55 Toolholder (Grooving)
SIGE%	○○○○□-EH	G55 Toolholder (Grooving)
SIGE%	○○○○-WH	G56 Toolholder (Grooving)
SIGER	○○○○-WH-90	G57 Toolholder (Grooving / for Small Tools)
SIN%	○○○○○S-○○	J21 Toolholder (Threading)
SIN%	○○○○○S-○○○E	J21 Toolholder (Threading)
SIT%	○○○○-○○	F56, J35 Toolholder (Boring / Threading)
SJLC%	○○○○○○B-○○○W	F50 Boring Bar (Previous Description)
SJS-	○	F96 Coolant Joint
SJZC%	○○○○○○B-○○○W	F50 Boring Bar (Previous Description)
SKC-2		G31, G71, J16, J17 Spare Part (Clamp Screw)
SKC-3		G31, G71, G117, J16, J17 Spare Part (Clamp Screw)
SL-	○(○-○○)	F95 Sleeve (for Boring Bar)
SLS-1		F94, F95 Sleeve (for Boring Bar)
SLS-2		F95 Sleeve (for Boring Bar)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
SMO000A	N14-N16	Spare Parts (Plate)
SMO000B	N14-N16	Spare Parts (Plate)
SNGA ○○○	B32	Insert (Turning)
SNGA ○○○MEF	C10	Insert (Turning)
SNGA ○○○S○○○○○	B93	Insert (Turning)
SNGA ○○○S○○○○○OME	C10	Insert (Turning)
SNGA ○○○S○○○○○MEH	C10	Insert (Turning)
SNGA ○○○S○○○○○MEP	C10	Insert (Turning)
SNGA ○○○S○○○○○MET	C10	Insert (Turning)
SNGA ○○○T○○○○○	B93	Insert (Turning)
SNGA ○○○T○○○○○AA	B93	Insert (Turning)
SNGA ○○○T○○○○○OME	C10	Insert (Turning)
SNGG ○○○%L-25R	B32	Insert (Turning)
SNGG ○○○%L-B/C	B32	Insert (Turning)
SNG ○○○S○○○○○	B93	Insert (Turning)
SNG ○○○T○○○○○	B93, B94	Insert (Turning / Milling)
SNG ○○○T○○○○○AA	B93	Insert (Turning)
SNGX ○○○T○○○○○	B94	Insert (Turning)
SNM ○○○	B32	Insert (Turning / Milling)
SNMA ○○○	B32	Insert (Turning)
SNMA ○○○T○○○○○AA	B93	Insert (Turning)
SNMF ○○○○○○-21	B87	Insert (Turning)
SNMG ○○○	B29	Insert (Turning)
SNMG ○○○C	B31	Insert (Turning)
SNMG ○○○(○)GC	B31	Insert (Turning)
SNMG ○○○HQ	B29	Insert (Turning)
SNMG ○○○HS	B29	Insert (Turning)
SNMG ○○○KG	B31	Insert (Turning)
SNMG ○○○KH	B31	Insert (Turning)
SNMG ○○○MQ	B31	Insert (Turning)
SNMG ○○○MS	B31	Insert (Turning)
SNMG ○○○MU	B31	Insert (Turning)
SNMG ○○○PG	B29	Insert (Turning)
SNMG ○○○PH	B30	Insert (Turning)
SNMG ○○○PQ	B29	Insert (Turning)
SNMG ○○○PS	B29	Insert (Turning)
SNMG ○○○PT	B29	Insert (Turning)
SNMG ○○○%L-C	B32	Insert (Turning)
SNMG ○○○XP	B30	Insert (Turning)
SNMG ○○○XQ	B30	Insert (Turning)
SNMG ○○○XS	B30	Insert (Turning)
SNMG ○○○ZS	B31	Insert (Turning)
SNMM ○○○PX	B30	Insert (Turning)
SNM ○○○S○○○○○	C19	Insert (Turning)
SNM ○○○T○○○○○	B94	Insert (Turning)
SP-2D	D14, D22, P18	Spare Parts (Spring)
SP-3D	D8, D10, D12, D22, F77, F80, F83, F84, F87, P18	Spare Parts (Spring)
SP-5	G69, P18	Spare Parts (Spring)
SP-5D	D18, P18	Spare Parts (Spring)
SP-6	G40-G41, G67, P18	Spare Parts (Spring)
SP-8	P18	Spare Parts (Spring)
SP3X4	F30, F31, F33.P6	Spare Parts (Screw)
SP3X6	P6	Spare Parts (Screw)
SP3X8	D40, E42, E43, J20, J21, N9, P6	Spare Parts (Screw)
SP3X10	F70, F71, P6	Spare Parts (Screw)
SP4X9	P6	Spare Parts (Screw)
SP8X35	P6	Spare Parts (Screw)
SP-129	D36, D37, P10	Spare Parts (Shim)
SP-130A	F89, P11	Spare Parts (Shim)
SP-141	D27, D32, D33, D36, D37, P10	Spare Parts (Shim)
SP-141P	F89, F90, P11	Spare Parts (Shim)
SP-143	D27, D36, D37, P10	Spare Parts (Shim)
SP-143P	F89, P11	Spare Parts (Shim)
SP-148	D36, D37, P10	Spare Parts (Shim)

Part Number	Page	Description
SP-162	D27, D32, D33, P10	Spare Parts (Shim)
SP-210A	F91, P11	Spare Parts (Shim)
SP-219	D38, P10	Spare Parts (Shim)
SP-221	D28, P10	Spare Parts (Shim)
SP-223	D28, P10	Spare Parts (Shim)
SP-230P	P11	Spare Parts (Shim)
SP-341P	F89, P11	Spare Parts (Shim)
SP-342	D25, P10	Spare Parts (Shim)
SP-420A	F91, P11	Spare Parts (Shim)
SP-429	D34, P11	Spare Parts (Shim)
SP-441	D24, D30, P10	Spare Parts (Shim)
SP-441P	F90, P11	Spare Parts (Shim)
SP-443	D24, P10	Spare Parts (Shim)
SP-443P	P11	Spare Parts (Shim)
SP-454	D24, P10	Spare Parts (Shim)
SP-521	D31, P11	Spare Parts (Shim)
SP-521P	F90, P11	Spare Parts (Shim)
SP-523	P11	Spare Parts (Shim)
SP-523P	P11	Spare Parts (Shim)
SP-541	D31, P11	Spare Parts (Shim)
SP-543	P11	Spare Parts (Shim)
SP-826	D35, P11	Spare Parts (Shim)
SP-829	D35, P11	Spare Parts (Shim)
SP-841	D29, D35, P11	Spare Parts (Shim)
SP-843	D29, D35, P11	Spare Parts (Shim)
SP-849	D35, P11	Spare Parts (Shim)
SP-861	D29, P11	Spare Parts (Shim)
SPGH ○○○%L	B67	Insert (Turning)
SPG ○○○	B67, C29	Insert (Turning / Milling)
SPG ○○○ONE	C29	Insert (Turning / Milling)
SPG ○○○T○○○○○AA	B97	Insert (Turning)
SPG ○○○T○○○○○	B97	Insert (Turning)
SPGR ○○○%L	B67	Insert (Turning)
SPM ○○○	B67	Insert (Turning / Milling)
SPMR ○○○	B67	Insert (Turning / Milling)
SPMR ○○○G	B67	Insert (Turning / Milling)
SP-RC	D40, P12	Spare Parts (Shim)
SPW-6045	P6	Spare Parts (Screw)
SPW-7050	P6	Spare Parts (Screw)
SROP%L ○○○○B-○○-A○○	F72	Boring Bar (for Bearing Machining)
SS-4N	E30, E31, F58, F61, F63, N8, P6	Spare Parts (Shim Screw)
SSKPR ○○○○B-○○	F70	Boring Bar (Previous Description)
STDER ○○○CA○○	N16	Toolholder (Cartridge)
STDPR ○○○CA○○	N16	Toolholder (Cartridge)
STEER ○○○CA○○	N16	Toolholder (Cartridge)
STEPR ○○○CA○○	N16	Toolholder (Cartridge)
STFER ○○○CA○○	N16	Toolholder (Cartridge)
STFPR ○○○CA○○	N16	Toolholder (Cartridge)
STGC%L ○○○○□-○○	E29	Toolholder (Turning)
STGP%L ○○○○□-○○	E29	Toolholder (Turning)
STLNR ○(○)-○-○○□F	E39	Toolholder (for Small Double-Sided Tools)
STLNR ○○○○□-○○OFF	E39	Toolholder (for Small Double-Sided Tools)
STVP%L ○○-○	J18	Toolholder (Threading)
STWL ○○○○□-15	G80	Toolholder (for Twin Bars)
STWR ○○○○□-15	F34	Toolholder (for Twin Bars)
STWSR ○○○○□(□)-15T	F35, G80	Toolholder (for Twin Bars)
STXB%L ○○○○○B-○○W	F57	Boring Bar (Previous Description)
STXP%L ○○○○○B-○○W	F57	Boring Bar (Previous Description)
STZB%L ○○○○○B-○○W	F57	Boring Bar (Previous Description)
SV-60136R	P6	Spare Parts (Screw)
SV-60136TR	P6	Spare Parts (Screw)
SVJB%L ○○○○□-○○	E30	Toolholder (Turning)
SVJB%L ○○○○-○○F	E50, P21	Toolholder (Turning / Discontinued Description)
SVJB%L ○○○○□-○○(N)	E30	Toolholder (Turning)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
TNGG ○○○FP-TK	B36	Insert (Turning)
TNGG ○○○(○)MFP-SK	B36	Insert (Turning)
TNGG ○○○TK	B37	Insert (Turning)
TNGG ○○○(○)%	B40	Insert (Turning)
TNGG ○○○%-25R	B40	Insert (Turning)
TNGG ○○○%-A3	B39	Insert (Turning)
TNGG ○○○(○)%-B/C	B40	Insert (Turning)
TNGG ○○○(○)%-S	B40	Insert (Turning)
TNGM ○○○S○○○○○BBO	C11	Insert (Turning)
TNG ○○○S○○○○○	B95	Insert (Turning)
TNG ○○○T○○○○○	B95	Insert (Turning)
TNG ○○○T○○○○○AA	B95	Insert (Turning)
TNGU ○○○(○)M%-U	B51	Insert (Turning)
TNGU ○○○(○)(○)M%-F	B51	Insert (Turning)
TNGU ○○○(○)(○)M%-U	B51	Insert (Turning)
TNM ○○○S○○○○○	C19	Insert (Turning)
TNMA ○○○	B38	Insert (Turning)
TNMC ○○NV○○○○○	J19	Insert (Threading)
TNMG ○○○	B35	Insert (Turning)
TNMG ○○○AH	B39	Insert (Turning)
TNMG ○○○C	B38	Insert (Turning)
TNMG ○○○CQ	B33	Insert (Turning)
TNMG ○○○GC	B38	Insert (Turning)
TNMG ○○○(○)GP	B33	Insert (Turning)
TNMG ○○○GS	B34	Insert (Turning)
TNMG ○○○GT	B35	Insert (Turning)
TNMG ○○○GU	B37	Insert (Turning)
TNMG ○○○HK	B34	Insert (Turning)
TNMG ○○○HQ	B33	Insert (Turning)
TNMG ○○○HS	B34	Insert (Turning)
TNMG ○○○KG	B38	Insert (Turning)
TNMG ○○○KH	B38	Insert (Turning)
TNMG ○○○KQ	B38	Insert (Turning)
TNMG ○○○MQ	B37	Insert (Turning)
TNMG ○○○MS	B37	Insert (Turning)
TNMG ○○○MU	B37	Insert (Turning)
TNMG ○○○PG	B34	Insert (Turning)
TNMG ○○○PH	B35	Insert (Turning)
TNMG ○○(○)(○)PP	B33	Insert (Turning)
TNMG ○○○PQ	B33	Insert (Turning)
TNMG ○○○PS	B34	Insert (Turning)
TNMG ○○○PT	B35	Insert (Turning)
TNMG ○○○%-C	B40	Insert (Turning)
TNMG ○○○%-ST	B37	Insert (Turning)
TNMG ○○○TK	B37	Insert (Turning)
TNMG ○○○XF	B36	Insert (Turning)
TNMG ○○○XP	B36	Insert (Turning)
TNMG ○○○XQ	B36	Insert (Turning)
TNMG ○○○XS	B36	Insert (Turning)
TNMG ○○○ZS	B38	Insert (Turning)
TNMM ○○○(○)M	C23	Insert (Turning)
TNMM ○○○(○)MNE	C23	Insert (Turning)
TNMM ○○○(○)MSE	C23	Insert (Turning)
TNMM ○○○PX	B35	Insert (Turning)
TNMX ○○○WF	B33	Insert (Turning)
TNN ○○E%○○(○)NPT	J10	Insert (Threading / Previous description)
TNN ○○EROOPT	J10	Insert (Threading / Previous description)
TNN ○○EROOUN	J8	Insert (Threading / Previous description)
TNN ○○EROOW	J8	Insert (Threading / Previous description)
TNN ○○E%○○OM	J6	Insert (Threading / Previous description)
TNN ○○EROOCTR	J14	Insert (Threading / Previous description)
TNN ○○EROOOO	J12	Insert (Threading / Previous description)
TNN ○○I%○○(○)NPT	J11	Insert (Threading / Previous description)

Part Number	Page	Description
TNN ○○I%○○OPT	J11	Insert (Threading / Previous description)
TNN ○○IROOUN	J9	Insert (Threading / Previous description)
TNN ○○IROOW	J9	Insert (Threading / Previous description)
TNN ○○I%○○OM	J7	Insert (Threading / Previous description)
TNN ○○IROOCTR	J15	Insert (Threading / Previous description)
TNN ○○IROOOO(○)	J15	Insert (Threading / Previous description)
TNW-32	P12	Spare Parts (Shim)
TPET ○○○○(○)(○)F%-USF	B73	Insert (Turning)
TPET ○○○○(○)(○)MF%-USF	B73	Insert (Turning)
TPET ○○○○(○)(○)M%-FSF	B73	Insert (Turning)
TPET ○○○○(○)(○)M%-FSF	B73	Insert (Turning)
TPGB ○○○(○)(○)(○)	B74, C27, J35	Insert (Turning / Threading)
TPGB ○○○MEF	B16	Insert (Turning)
TPGB ○○○(○)(○)(○)NE	C27	Insert (Turning)
TPGB ○○○(○)(○)(○)SE	C26	Insert (Turning)
TPGB ○○○S○○○○○MES	B16	Insert (Turning)
TPGB ○○○(○)S○○○○○MET	B16	Insert (Turning)
TPGB ○○○(○)(○)(○)S○○○○○SET	B16	Insert (Turning)
TPGB ○○○(○)T○○○○○OME	B16	Insert (Turning)
TPGB ○○○(○)(○)(○)T○○○○○SE	B16	Insert (Turning)
TPGH ○○○(○)(○)(○)M%	B72	Insert (Turning)
TPGH ○○○(○)M%-H	B73	Insert (Turning)
TPGH ○○○(○)(○)(○)M%	B72	Insert (Turning)
TPGH ○○○(○)(○)(○)M%-H	B73	Insert (Turning)
TPG ○○○(○)(○)(○)	B76, C29	Insert (Turning / Milling)
TPG ○○○ONE	C29	Insert (Turning / Milling)
TPG ○○○(○)SE	C29	Insert (Turning / Milling)
TPG ○○○(○)(○)T○○○○○AA	B97	Insert (Turning)
TPG ○○○S○○○○○SET	C18	Insert (Turning)
TPG ○○○(○)(○)T○○○○○	B97	Insert (Turning / Milling)
TPG ○○○(○)T○○○○○OME	C18	Insert (Turning)
TPG ○○○(○)T○○○○○OSE	C18	Insert (Turning)
TPGR ○○○(○)M%-A/B/C	B76	Insert (Turning)
TPGR ○○○○(○)(○)M%-F	B75	Insert (Turning)
TPGT ○○○(○)	B73	Insert (Turning)
TPGT ○○○○○○CF	B71	Insert (Turning)
TPGT ○○○○○○M-CF	B71	Insert (Turning)
TPGT ○○○○○○MP-CF	B71	Insert (Turning)
TPGW ○○○S○○○○○MET	C16	Insert (Turning)
TPGW ○○○S○○○○○SET	C16	Insert (Turning)
TPGW ○○○T○○○○○OME	C16	Insert (Turning)
TPGW ○○○T○○○○○OSE	C16	Insert (Turning)
TPMC ○○NV○○○○○	J19	Insert (Threading)
TPMH ○○○(○)(○)(○)	C27	Insert (Turning)
TPMH ○○○(○)(○)(○)NE	C27	Insert (Turning)
TPMH ○○○(○)M%-NE	C28	Insert (Turning)
TPMH ○○○(○)(○)(○)SE	C27	Insert (Turning)
TPM ○○○	B76	Insert (Turning / Milling)
TPMR ○○○	B75	Insert (Turning)
TPMR ○○○DP	B75	Insert (Turning)
TPMR ○○○(○)(○)(○)G	B75	Insert (Turning)
TPMR ○○○GP	B75	Insert (Turning)
TPMR ○○○HQ	B75	Insert (Turning)
TPMT ○○○(○)(○)(○)GP	B71	Insert (Turning)
TPMT ○○○(○)(○)(○)HQ	B71	Insert (Turning)
TPMT ○○○(○)(○)(○)PP	B71	Insert (Turning)
TPMT ○○○(○)(○)(○)XP	B71	Insert (Turning)
TPMT ○○○XQ	B72	Insert (Turning)
TPMX ○○○(○)(○)WP	B71	Insert (Turning)
TS-3S	D19, P7	Spare Parts (Lock Pin)
TT-15	P18	Spare Parts (Torx Wrench / T-shaped Type)
TT-25	P18	Spare Parts (Torx Wrench / T-shaped Type)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

	Part Number	Page	Description
A	TT-25L	P18	Spare Parts (Torx Wrench / T-shaped Type)
	TT-30	P18	Spare Parts (Torx Wrench / T-shaped Type)
	TT 43E%○○○M	J26	Insert (Threading)
B	TT ○○%○○○○	J26, J27	Insert (Threading)
	TTC-20	P18	Spare Parts (Torx Wrench / T-shaped Type)
	TTC-25	P18	Spare Parts (Torx Wrench / T-shaped Type)
C	TTP-20	P18	Spare Parts (Torx Plus Wrench / T-shaped Type)
	TTX 32R○○○○(○)	J25	Insert (Threading)
	TTX 32R○○○○(○)S	J25	Insert (Threading)
D	TWBR ○○○○○-○○○	F34	Twin Bars (Turning)
	TWBTR ○○○○○-○○○	F35	Twin Bars (Turning)
	TWFGL ○○○	G80	Twin Bars (Face Grooving)
	TWFGR ○○○	G80	Twin Bars (Face Grooving)
	V		
E	VBET ○○○(○)M% -F	B78	Insert (Turning)
	VBET ○○○(○)M% -FSF	B77	Insert (Turning)
	VBET ○○○(○)% -FSF	B77	Insert (Turning)
F	VBET ○○○(○)-FN-Z	B78	Insert (Turning)
	VBET ○○○(○)M% -Y	B78	Insert (Turning)
	VBGT ○○○(○)M% -F	B78	Insert (Turning)
G	VBGT ○○○M% -Y	B78	Insert (Turning)
	VBGT ○○○○% -F	B78	Insert (Turning)
	VBGT ○○○(○)% -Y	B78	Insert (Turning)
H	VBGW ○○○MEF	C17	Insert (Turning)
	VBGW ○○○S○○○○○MES	C17	Insert (Turning)
	VBGW ○○○(○)S○○○○○MET	C17	Insert (Turning)
I	VBGW ○○○S○○○○○SET	C17	Insert (Turning)
	VBGW ○○○(○)T○○○○○OME	C17	Insert (Turning)
	VBGW ○○○(○)T○○○○○OSE	C17	Insert (Turning)
J	VBMT ○○○(○)(○)	C28	Insert (Turning)
	VBMT ○○○GP	B77	Insert (Turning)
	VBMT ○○○HQ	B77	Insert (Turning)
K	VBMT ○○○(○)NE	C28	Insert (Turning)
	VBMT ○○○(○)PP	B77	Insert (Turning)
	VBMT ○○○(○)SE	C28	Insert (Turning)
L	VBMT ○○○(○)VF	B77	Insert (Turning)
	VCGT ○○○	B79	Insert (Turning)
	VCGT ○○○AH	B79	Insert (Turning)
M	VCGT ○○○% -A3	B79	Insert (Turning)
	VCGT ○○○(○)-FN-Z	B79	Insert (Turning)
	VCGW ○○○○○(○)S○○○○○MET	C17	Insert (Turning)
N	VCGW ○○○○○S○○○○○SET	C17	Insert (Turning)
	VCGW ○○○○○(○)T○○○○○OME	C17	Insert (Turning)
	VCGW ○○○○○(○)T○○○○○OSE	C17	Insert (Turning)
O	VCMT ○○○○○(○)	C28	Insert (Turning)
	VCMT ○○○(○)(○)(○)HQ	B79	Insert (Turning)
	VCMT ○○○○○(○)NE	C28	Insert (Turning)
P	VCMT ○○○(○)(○)(○)PP	B79	Insert (Turning)
	VCMT ○○○○○(○)SE	C28	Insert (Turning)
	VCMT ○○○○○(○)VF	B79	Insert (Turning)
Q	VNBR ○○○○-○○(○)	F29	System Tip-bars (Boring)
	VNBR ○○○○-○○(○)NB	C34, F29	System Tip-bars (Boring)
	VNBR ○○○○○(○)-○○(○)S	F28	System Tip-bars (Boring)
R	VNBTR ○○○○-○○(○)	F29	System Tip-bars (Boring)
	VNBXR ○○○○○(○)-○○(○)S	F32	System Tip-bars (Boring)
	VNFR ○○○○-○○	G78	System Tip-bars (Face Grooving)
S	VNFR ○○○○-○○NB	C34, G78	System Tip-bars (Face Grooving)
	VNGR ○○○○-○○	G50	System Tip-bars (Grooving)
	VNGR ○○○○-○○NB	C34, G50	System Tip-bars (Grooving)
T	VNGA ○○○	B42	Insert (Turning)
	VNGA ○○○MEF	C12	Insert (Turning)
	VNGA ○○○ME4	C12	Insert (Turning)
	VNGA ○○○S○○○○○	B96, C12	Insert (Turning)

Part Number	Page	Description
VNGA ○○○(○)S○○○○○OME	C12	Insert (Turning)
VNGA ○○○S○○○○○OMEH	C12	Insert (Turning)
VNGA ○○○S○○○○○OMEP	C12	Insert (Turning)
VNGA ○○○S○○○○○OMET	C12	Insert (Turning)
VNGA ○○○(○)S○○○○○OSE	C12	Insert (Turning)
VNGA ○○○S○○○○○OSET	C12	Insert (Turning)
VNGA ○○○T○○○○○	B96	Insert (Turning)
VNGA ○○○T○○○○○AA	B96	Insert (Turning)
VNGA ○○○T○○○○○OME	C12	Insert (Turning)
VNGA ○○○T○○○○○OSE	C12	Insert (Turning)
VNGG ○○○MFP-SK	B42	Insert (Turning)
VNGG ○○○(○)M-SK	B42	Insert (Turning)
VNGG ○○○(○)%	B42	Insert (Turning)
VNMA ○○○T○○○○○AA	B96	Insert (Turning)
VNMG ○○○	B41	Insert (Turning)
VNMG ○○○GP	B41	Insert (Turning)
VNMG ○○○GU	B42	Insert (Turning)
VNMG ○○○HQ	B41	Insert (Turning)
VNMG ○○○KG	B41	Insert (Turning)
VNMG ○○○KH	B41	Insert (Turning)
VNMG ○○○MQ	B42	Insert (Turning)
VNMG ○○○MS	B42	Insert (Turning)
VNMG ○○○MU	B42	Insert (Turning)
VNMG ○○○(○)PP	B41	Insert (Turning)
VNMG ○○○PQ	B41	Insert (Turning)
VNMG ○○○TN-V	B41	Insert (Turning)
VNMG ○○○%VC	B41	Insert (Turning)
VNMG ○○○VF	B41	Insert (Turning)
VNMG ○○○XP	B42	Insert (Turning)
VNMM ○○○(○)M	C23	Insert (Turning)
VNMM ○○○(○)MNE	C23	Insert (Turning)
VNMM ○○○(○)MSE	C23	Insert (Turning)
VNTR ○○○-○○	J34	System Tip-bars (Threading)
VPET ○○○○○(○)(○)F% -USF	B81	Insert (Turning)
VPET ○○○○○(○)(○)M% -F	B81	Insert (Turning)
VPET ○○○○○(○)(○)M% -FSF	B81	Insert (Turning)
VPET ○○○○○(○)MF% -J	B81	Insert (Turning)
VPET ○○○○○(○)(○)MF% -U	B81	Insert (Turning)
VPET ○○○○○(○)(○)MF% -USF	B81	Insert (Turning)
VPET ○○○○○(○)(○)% -FSF	B81	Insert (Turning)
VPGT ○○○○CF	B80	Insert (Turning)
VPGT ○○○○○(○)(○)CK	B80	Insert (Turning)
VPGT ○○○○M-CF	B80	Insert (Turning)
VPGT ○○○○○(○)(○)M-CK	B80	Insert (Turning)
VPGT ○○○○MF-GF	B80	Insert (Turning)
VPGT ○○○○MFP-GF	B80	Insert (Turning)
VPGT ○○○○MP-CF	B80	Insert (Turning)
VPGT ○○○○○(○)(○)MP-CK	B80	Insert (Turning)
W		
W-6	G40, G67, P18	Spare Parts (Washer)
W6-14	P18	Spare Parts (Washer)
W-8	P18	Spare Parts (Washer)
W6X17	P6	Spare Parts (Screw)
W6X18	P6	Spare Parts (Screw)
W6X18N	P6	Spare Parts (Screw)
W6X20	P6	Spare Parts (Screw)
W8X16	P6	Spare Parts (Screw)
W8X18	P6	Spare Parts (Screw)
W8X21	P6	Spare Parts (Screw)
WB-5	F96, P18	Spare Parts (Washer)
WB-6	F96, P18	Spare Parts (Washer)
WB-8	F96, P18	Spare Parts (Washer)
WBET ○○○○○(○)(○)M% -F	B82	Insert (Turning)
WBGD ○○○○○M% -CF	B82	Insert (Turning)
WBGD ○○○○○MP% -CF	B82	Insert (Turning)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
WBG T ○○○○(○)(○)(○)M%-F	B82	Insert (Turning)
WBG T ○○○○(○)(○)(○)M%-F	B82	Insert (Turning)
WBG W ○○○○(○)(○)M%	B83	Insert (Turning)
WBG W ○○○○(○)(○)S○○○○○M%-SET	C18	Insert (Turning)
WBG W ○○○○(○)(○)T○○○○○M%-SE	C18	Insert (Turning)
WBMT ○○○○(○)(○)L	C28, C29	Insert (Turning)
WBMT ○○○○(○)(○)L-NE	C28, C29	Insert (Turning)
WBMT ○○○○(○)(○)L-SE	C28, C29	Insert (Turning)
WBMT ○○○○(○)(○)M%-DP	B82	Insert (Turning)
WCGT ○○○○M%-F	B82	Insert (Turning)
WCS-1N	D16, N6, P14	Spare Parts (Clamp Set)
WCS-8	D23, F88, N7, P14	Spare Parts (Clamp Set)
WN-1	D16, D23, N6-N7, P19	Spare Parts (Shim Nut)
WNGA ○○○MEF	C13	Insert (Turning)
WNGA ○○○S○○○○○○ME	C13	Insert (Turning)
WNGA ○○○S○○○○○○MET	C13	Insert (Turning)
WNGA ○○○S○○○○○○SE	C13	Insert (Turning)
WNGA ○○○S○○○○○○SET	C13	Insert (Turning)
WNGA ○○○T○○○○○○ME	C13	Insert (Turning)
WNGA ○○○T○○○○○○AA	B96	Insert (Turning)
WNGA ○○○T○○○○○○○	B96	Insert (Turning)
WNGG ○○○AH	B48	Insert (Turning)
WNGG ○○○TK	B47	Insert (Turning)
WNGG ○○○M%	B48	Insert (Turning)
WNGG ○○○(○)M%-S	B48	Insert (Turning)
WNMA ○○○	B48	Insert (Turning)
WNMG ○○○	B45	Insert (Turning)
WNMG ○○○C	B48	Insert (Turning)
WNMG ○○○GJ	B44	Insert (Turning)
WNMG ○○○CQ	B44	Insert (Turning)
WNMG ○○○GC	B48	Insert (Turning)
WNMG ○○○GP	B43	Insert (Turning)
WNMG ○○○GS	B44	Insert (Turning)
WNMG ○○○GT	B45	Insert (Turning)
WNMG ○○○GU	B46	Insert (Turning)
WNMG ○○○(○)HQ	B44	Insert (Turning)
WNMG ○○○HS	B45	Insert (Turning)
WNMG ○○○HT	B45	Insert (Turning)
WNMG ○○○KG	B47	Insert (Turning)
WNMG ○○○KH	B47	Insert (Turning)
WNMG ○○○KQ	B47	Insert (Turning)
WNMG ○○○MQ	B47	Insert (Turning)
WNMG ○○○MS	B47	Insert (Turning)
WNMG ○○○MU	B47	Insert (Turning)
WNMG ○○○PG	B44	Insert (Turning)
WNMG ○○○PH	B45	Insert (Turning)
WNMG ○○○(○)PP	B43	Insert (Turning)
WNMG ○○○PQ	B43	Insert (Turning)
WNMG ○○○PS	B45	Insert (Turning)
WNMG ○○○PT	B45	Insert (Turning)
WNMG ○○○TK	B47	Insert (Turning)
WNMG ○○○WE	B43	Insert (Turning)
WNMG ○○○WF	B43	Insert (Turning)
WNMG ○○○WP	B43	Insert (Turning)
WNMG ○○○WQ	B43	Insert (Turning)
WNMG ○○○XP	B46	Insert (Turning)
WNMG ○○○XQ	B46	Insert (Turning)
WNMG ○○○XS	B46	Insert (Turning)
WNMG ○○○ZS	B48	Insert (Turning)
WNMM ○○○(○)M	C23	Insert (Turning)
WNMM ○○○(○)MNE	C23	Insert (Turning)
WNMM ○○○(○)MSE	C23	Insert (Turning)
WP-1S	P7	Spare Parts (Shim Pin)
WP5X11	F88, P7	Spare Parts (Shim Pin)
WP5X15	D23, N7, P7	Spare Parts (Shim Pin)

Part Number	Page	Description
WPGT ○○○○(○)(○)M%-Y	B83	Insert (Turning)
WPGT ○○○○(○)(○)M%-Y	B83	Insert (Turning)
WPGW ○○○○(○)(○)	B83	Insert (Turning)
WPMT ○○○○(○)	C29	Insert (Turning)
WPMT ○○○○(○)GP	B83	Insert (Turning)
WPMT ○○○○(○)HQ	B83	Insert (Turning)
WPMT ○○○○(○)NE	C29	Insert (Turning)
WPMT ○○○○○SE	C29	Insert (Turning)
WSP-1	D16, N6, P18	Spare Parts (Spacer)
WTENN ○○-○□	D16	Toolholder (Turning)
WTENN ○○○○□-○○N	D16	Toolholder (Turning)
WTJN M% ○○-○□	D16	Toolholder (Turning)
WTJN M% ○○○○□-○○N	D16	Toolholder (Turning)
WTKN M% ○○-○□	D16	Toolholder (Turning)
WTKN M% ○○○○□-○○N	D16	Toolholder (Turning)
WTN-33	D16, N6, P12	Spare Parts (Shim)
WTN-33-20	D16, P12	Spare Parts (Shim)
WWLN M% ○○○○□-○○	D23	Toolholder (Turning)
WWLN M% ○○○○B-○○E	F88	Boring Bar (Previous Description)
WWN-42	D23, N7, P12	Spare Parts (Shim)
WWP-42	F88, P12	Spare Parts (Shim)
WWP-42-16	F88, P12	Spare Parts (Shim)
X		
XNS-48	D8, D10, D22	Spare Parts (Clamp Screw)
XNS-510	D8	Spare Parts (Clamp Screw)
XNS36	D14	Spare Parts (Clamp Screw)
XNS59	D12	Spare Parts (Clamp Screw)
XNS510	D14, D19	Spare Parts (Clamp Screw)

GRADES	A
INSERTS	B
CBN & POD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

