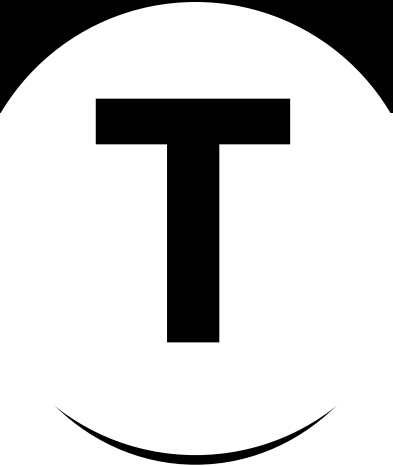


INDEX



T

T2 - T28

Listed in Alphanumeric Order

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
Numeric		
○-○○/○○- (○○○)SET	M245	Toolholder (API Ring Groover)
○/○(○)- SHCS-CB	K116	Toolholder (Drilling) Counterbore (SHCS-CB)
06IR ○○○○(○)	J17, J19	Insert (Threading)
08IR ○○○○(○)	J17, J19	Insert (Threading)
11IR A○○	J17, J19	Insert (Threading)
11IR ○○BSPT	J13	Insert (Threading)
11IR ○○BSPT-TF	J13	Insert (Threading) / TF Series
11IR ○○BSPT-TQ	J13	Insert (Threading) / TQ Series
11I% ○○○ISO	J7	Insert (Threading)
11IR ○○○ISO-TF	J7	Insert (Threading) / TF Series
11IR ○○○ISO-TQ	J7	Insert (Threading) / TQ Series
11IR ○○○○○	J17, J19	Insert (Threading)
16ER ○○BSPT	J12	Insert (Threading)
16ER ○○BSPT-TF	J12	Insert (Threading) / TF Series
16ER ○○BSPT-TQ	J12	Insert (Threading) / TQ Series
16ER ○○(○)NPT	J14	Insert (Threading)
16ER ○○UN	J8	Insert (Threading)
16ER ○○UN-TF	J8	Insert (Threading) / TF Series
16ER ○○UN-TQ	J8	Insert (Threading) / TQ Series
16ER ○○W	J10	Insert (Threading)
16ER ○○W-TF	J10	Insert (Threading) / TF Series
16ER ○○W-TQ	J10	Insert (Threading) / TQ Series
16E% ○○○ISO	J6	Insert (Threading)
16ER ○○○ISO-TF	J6	Insert (Threading) / TF Series
16ER ○○○ISO-TQ	J6	Insert (Threading) / TQ Series
16ER ○○○TR	J18	Insert (Threading)
16ER ○○○○	J16, J18	Insert (Threading)
16ER A○○	J16, J18	Insert (Threading)
16ER AG○○	J16, J18	Insert (Threading)
16ER G○○	J16, J18	Insert (Threading)
16ER A○○-TF	J16, J18	Insert (Threading) / TF Series
16ER A○○-TQ	J16	Insert (Threading) / TQ Series
16ER AG○○-TF	J16, J18	Insert (Threading) / TF Series
16ER AG○○-TQ	J16	Insert (Threading) / TQ Series
16ER G○○-TF	J16	Insert (Threading) / TF Series
16ER G○○-TQ	J16	Insert (Threading) / TQ Series
16IR ○○BSPT	J13	Insert (Threading)
16IR ○○BSPT-TF	J13	Insert (Threading) / TF Series
16IR ○○BSPT-TQ	J13	Insert (Threading) / TQ Series
16IR ○○(○)NPT	J15, J35	Insert (Threading)
16IR ○○UN	J9	Insert (Threading)
16IR ○○UN-TF	J9	Insert (Threading) / TF Series
16IR ○○UN-TQ	J9	Insert (Threading) / TQ Series
16IR ○○W	J11	Insert (Threading)
16IR ○○W-TF	J11	Insert (Threading) / TF Series
16IR ○○W-TQ	J11	Insert (Threading) / TQ Series
16I% ○○○ISO	J7	Insert (Threading)
16IR ○○○ISO-TF	J7	Insert (Threading) / TF Series

Part Number	Page	Description
16IR ○○○ISO-TQ	J7	Insert (Threading) / TQ Series
16IR ○○○TR	J19	Insert (Threading)
16IR ○○○○(○)	J17, J19	Insert (Threading)
16IR A○○	J17, J19	Insert (Threading)
16IR AG○○	J17, J19	Insert (Threading)
16IR G○○	J17, J19	Insert (Threading)
22ER N○○	J16, J18	Insert (Threading)
22ER ○○UN	J8	Insert (Threading)
22ER ○○○ISO	J6	Insert (Threading)
22ER ○○○TR	J18	Insert (Threading)
22IR N○○	J17, J19	Insert (Threading)
22IR ○○UN	J9	Insert (Threading)
22IR ○○○ISO	J7	Insert (Threading)
22IR ○○○TR	J19	Insert (Threading)
556C%	P9	Spare Parts (Shim)
A		
A○○□- DCLN% ○	F85	Boring Bars (Double Clamp)
A○○□- DCLN% ○○-○○	F85	Boring Bars (Double Clamp)
A○○□- DDUN% ○	F88	Boring Bars (Double Clamp)
A○○□- DDUN% ○○-○○	F88	Boring Bars (Double Clamp)
A○○□- DSKN% ○○-○○	F91	Boring Bars (Double Clamp)
A○○□- DTFN% ○○-○○	F92	Boring Bars (Double Clamp)
A○○□- DWLN% ○	F95	Boring Bars (Double Clamp)
A○○□- DWLN% ○○-○○	F95	Boring Bars (Double Clamp)
A○○□- KKC% -○	G85, J24	Toolholder (Cera-Notch Grooving / Threading)
A○○□- PCLN% ○	F86	Boring Bars
A○○□- PCLN% ○○-○○	F86	Boring Bars
A○○□- PDUN% ○	F87	Boring Bars
A○○□- PDUN% ○○-○○	F87	Boring Bars
A○○□- PTUN% ○○-○○	F93	Boring Bars
A○○□- PWLN% ○○-○○	F94	Boring Bars
A○○□- SCLC% ○	F47	Boring Bars (General Purpose)
A○○□- SCLC% ○AE	F45	Boring Bars (Dynamic Bar)
A○○□- SCLC% ○○-○○AE	F45	Boring Bars (Dynamic Bar)
A○○□- SCLC% ○E	F47	Boring Bars (General Purpose)
A○○□- SCLP% ○(○)AE	F49	Boring Bars (Dynamic Bar)
A○○□- SCLP% ○○-○○AE	F49	Boring Bars (Dynamic Bar)
A○○□- SCLP% ○(○)E	F51	Boring Bars (General Purpose)
A○○□- SDQC% ○AE	F54	Boring Bars (Dynamic Bar)
A○○□- SDQC% ○○-○○AE	F54	Boring Bars (Dynamic Bar)
A○○□- SDUC% ○AE	F53	Boring Bars (Dynamic Bar)
A○○□- SDUC% ○○-○○AE	F53	Boring Bars (Dynamic Bar)
A○○□- SDZC% ○○-○○AE	F55	Boring Bars (Dynamic Bar)
A○○□- STLБ% ○.○AE	F61	Boring Bars (Dynamic Bar)
A○○□- STLC% ○○-○○AE	F59	Boring Bars (Dynamic Bar)
A○○□- STLP% ○(○)AE	F61	Boring Bars (Dynamic Bar)
A○○□- STLP% ○○-○○AE	F61	Boring Bars (Dynamic Bar)
A○○□- SVJB% ○AE	F66	Boring Bars (Dynamic Bar)
A○○□- SVJB% ○○-○○AE	F66	Boring Bars (Dynamic Bar)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
AOO□- SVJC%OO-OOAE	F66	Boring Bars (Dynamic Bar)
AOO□- SVJP%OO-OOAE	F66	Boring Bars (Dynamic Bar)
AOO□- SVPB%OAE	F68	Boring Bars (Dynamic Bar)
AOO□- SVPB%OO-OOAE	F68	Boring Bars (Dynamic Bar)
AOO□- SVPC%O.OAE	F68	Boring Bars (Dynamic Bar)
AOO□- SVPC%OO-OOAE	F68	Boring Bars (Dynamic Bar)
AOO□- SVUB%OAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVUB%OO-OOAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVUC%O.OAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVUC%OO-OOAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVZB%OAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVZB%OO-OOAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVZC%O.OAE	F71	Boring Bars (Dynamic Bar)
AOO□- SVZC%OO-OOAE	F71	Boring Bars (Dynamic Bar)
AOO□- SWUB%O.OAE	F75	Boring Bars (Dynamic Bar)
AOO□- SWUB%OO-OOAE	F75	Boring Bars (Dynamic Bar)
AOO□- SWUP%OAE	F75	Boring Bars (Dynamic Bar)
AOO□- SWUP%OO-OOAE	F75	Boring Bars (Dynamic Bar)
AABSR O(O)-OO□(□)F	E19	Toolholder (Back Turning)
AABSR OOO□(□)-OOF	E19	Toolholder (Back Turning)
AABWR O(O)-OO□(□)F	E20, E21	Toolholder (Back Turning)
AABWR OOO□(□)-OOF	E20, E21	Toolholder (Back Turning)
ABS OORO	B102, E19	Insert (Back Turning)
ABS OOROOOM	B102, E19	Insert (Back Turning)
ABW OORO	B102, E20, E21	Insert (Back Turning)
ABW OOROOOM	B102, E20, E21	Insert (Back Turning)
ACLC% O(O)-O□(□)FF	E24	Toolholder (Turning)
ACLC% OOO□(□)-OOFF	E24	Toolholder (Turning)
ADOO□	F84	Boring Bars (AD Bar Adaptor)
ADJC% O(O)-O□FF	E26	Toolholder (Turning)
ADJC% OOO□(□)-OOFF	E26	Toolholder (Turning)
AJ-519TR	P2	Spare Parts (Adjustment Screw)
AJ-6X38	P2	Spare Parts (Screw)
AJ-8X44-9.5	P2	Spare Parts (Screw)
AJ-10X46	P2	Spare Parts (Screw)
APET OOOOPDFR	M29, M159, M247	Insert (Milling) FM-AL / EM-AL / CM-AL
APET OOOOO	M29, M159, M247	Insert (Milling) FM-AL / EM-AL / CM-AL
API-RG-O BTOO	M245	Body Part (API Ring Groovers)
API-RG-O CVOO	M245	Body Part (API Ring Groovers)
API-RG-O DIN-OOOOO	M245	Body Part (API Ring Groovers)
APKT OOOO(OO)PDER-V	M22, M160	Insert (Milling) MAP
APMT OOOOOE%-NBO	M22, M131-M133	Insert (Milling) MSR
APMT OOOOOER-NBOP	M22, M131-M133	Insert (Milling) MSR
ASL OOOOO-OOO	K96	Adjustable Sleeve (Drilling) for MAGIC DRILL (DRV / DRZ / DRX)
AVJB% O-O□(□)FF	E34	Toolholder (Turning)
AVJB% OOO□(□)-OOFF	E34	Toolholder (Turning)
B		
BB-G1/8	D11, G33	Piping Banjo Bolt

Part Number	Page	Description
BB-M10X1.5	D11, G33	Piping Banjo Bolt
BCS -O	P15	Spare Parts (Clamp Set)
BDGT OOTOOF	M30	Insert (Milling)
BDGT OO(□)OOO(O)FR-JA	M22, M68-M73	Insert (Milling) MEC
BDGT OOTOOF-LE	M30	Insert (Milling)
BDMT OO(□)OOO(O)ER-JS	M22, M68-M73, M80, M81, M105	Insert (Milling) MEC / MECX / MECHT
BDMT OO(□)OOO(O)ER-JT	M22, M23, M68-M73, M80, M81	Insert (Milling) MEC / MECX
BDMT OO(□)OOO(O)ER-NO	M23, M96-M99	Insert (Milling) MECH
BDMT OO(□)OOO(O)FR	M30	Insert (Milling)
BGIAR OO-O	G82	Blade (Grooving)
BH3X6	P2	Spare Parts (Screw)
BH3X12	P2	Spare Parts (Screw)
BH6X10TR	P2	Spare Parts (Screw)
BH6X25	P2	Spare Parts (Screw)
BH8X30	P2	Spare Parts (Screw)
BT30K- MOO-OO	M88	Arbor Attachment
BT40K- MOO-OO	M88	Arbor Attachment
BX OOO-SET	M245	Cartridge Set (API Ring Groover)
BX OOO-R-SET	M245	Cartridge Set (API Ring Groover)
C		
COO□- SCLC%O(O)	F47	Boring Bars (General Purpose)
COO□- SCLC%OO-OOAN	F45	Boring Bars (Dynamic Bar)
COOO□- SCLCROO-OOO EZ	F27	Boring Bars (EZ Bar PLUS)
COOO□- SCLCROO-OOO EZP	F27	Boring Bars (EZ Bar PLUS)
COO□- SCLP%O(O)	F51	Boring Bars (General Purpose)
COO□- SJLC%OO-OOO	F58	Boring Bars
COO□- SJZC%OO-OOO	F58	Boring Bars
COO□- STLB%OO-OOA	F61	Boring Bars (Dynamic Bar)
COO□- STLB%OO-OOAN	F61	Boring Bars (Dynamic Bar)
COOO□- STLBROO-OOO EZP	F28	Boring Bars (EZ Bar PLUS)
COOO□- STLPROO-OOO EZP	F28	Boring Bars (EZ Bar PLUS)
COO□- STXB%OO-OOO	F65	Boring Bars
COO□- STXP%OO-OO	F65	Boring Bars
COO□- STZB%OO-OOO	F65	Boring Bars
COOO□- SWUB%O.O	F77	Boring Bars (General Purpose)
COOO□- SWUB%O.O	F77	Boring Bars (General Purpose)
COO□- SWUB%OO-OOAN	F75	Boring Bars (Dynamic Bar)
COOO□- SWUBROO-OOO EZP	F29	Boring Bars (EZ Bar PLUS)
C08R	P17	Spare Parts (Clamp)
C09N	P17	Spare Parts (Clamp)
C17R	P17	Spare Parts (Clamp)
C20R	P17	Spare Parts (Clamp)
C25R	P17	Spare Parts (Clamp)
CB-11	P18	Spare Parts (Chipbreaker)
CB-12	P18	Spare Parts (Chipbreaker)
CB-13	P18	Spare Parts (Chipbreaker)
CB-14	P18	Spare Parts (Chipbreaker)
CB-15	P18	Spare Parts (Chipbreaker)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
CB-16	P18	Spare Parts (Chipbreaker)
CB-17	P18	Spare Parts (Chipbreaker)
CB-51	P18	Spare Parts (Chipbreaker)
CB-S3220	P18	Spare Parts (Chipbreaker)
CB-S4220	P18	Spare Parts (Chipbreaker)
CBSN% 〇〇〇〇□-〇〇	D38	Toolholder (Turning)
CBSN% 〇〇〇〇B-12-A20	F80	Boring Bar (for Bearing Machining)
CB-T2212	P18	Spare Parts (Chipbreaker)
CB-T3220	P18	Spare Parts (Chipbreaker)
CC-125-MFAH	P21	Spare Parts (Coolant Cover)
CC-160-MFAH	P21	Spare Parts (Coolant Cover)
CC-200-MFAH	P21	Spare Parts (Coolant Cover)
CC-250-MFAH	P21	Spare Parts (Coolant Cover)
CC-315-MFAH	P21	Spare Parts (Coolant Cover)
CCET 〇〇〇〇F%-USF	B57	Insert (Turning)
CCET 〇〇〇〇(○)(○)MF%-J	B59	Insert (Turning)
CCET 〇〇〇〇(○)(○)MF%-U	B57	Insert (Turning)
CCET 〇〇〇〇〇(○)MF%-USF	B57	Insert (Turning)
CCET 〇〇〇〇〇(○)(○)M%-F	B56	Insert (Turning)
CCET 〇〇〇〇〇(○)(○)M%-FSF	B55	Insert (Turning)
CCET 〇〇〇〇(○)M%-P	B57	Insert (Turning)
CCET 〇〇〇〇〇(○)M%-FSF	B55	Insert (Turning)
CCGT 〇〇〇〇(○)	B54	Insert (Turning)
CCGT 〇〇〇〇AH	B60	Insert (Turning)
CCGT 〇〇〇〇(○)AP	B60	Insert (Turning)
CCGT 〇〇〇〇(○)E%-U	B59	Insert (Turning)
CCGT 〇〇〇〇〇F%-L-U	B58	Insert (Turning)
CCGT 〇〇〇〇(○)M	B54	Insert (Turning)
CCGT 〇〇〇〇〇M-CF	B53	Insert (Turning)
CCGT 〇〇〇〇(○)ME%-U	B59	Insert (Turning)
CCGT 〇〇〇〇(○)(○)MF	B55	Insert (Turning)
CCGT 〇〇〇〇(○)MF-GF	B53	Insert (Turning)
CCGT 〇〇〇〇(○)MF-GQ	B53	Insert (Turning)
CCGT 〇〇〇〇(○)MFP-GF	B53	Insert (Turning)
CCGT 〇〇〇〇(○)MFP-GQ	B54	Insert (Turning)
CCGT 〇〇〇〇(○)(○)MFP-PF	B53	Insert (Turning)
CCGT 〇〇〇〇(○)MFP-SK	B53	Insert (Turning)
CCGT 〇〇〇〇(○)(○)MFP-SKS	B53	Insert (Turning)
CCGT 〇〇〇〇(○)(○)MF%-U	B58	Insert (Turning)
CCGT 〇〇〇〇〇MP-CF	B53	Insert (Turning)
CCGT 〇〇〇〇(○)MP-CK	B53	Insert (Turning)
CCGT 〇〇〇〇〇(○)(○)M%-F	B56	Insert (Turning)
CCGT 〇〇〇(○)(○)M%-A3	B60	Insert (Turning)
CCGT 〇〇〇〇〇(○)(○)M%-F	B56	Insert (Turning)
CCGW 〇〇〇〇(○)(○)	B60, C24	Insert (Turning)
CCGW 〇〇〇〇(○)(○)NE	C24	Insert (Turning)
CCGW 〇〇〇〇(○)(○)SE	C24	Insert (Turning)
CCLN% 〇〇〇〇□-〇〇	D26	Toolholder (Turning)
CCLN% 〇〇〇〇□-〇〇A	D32	Toolholder (Turning)

Part Number	Page	Description
CCMT 〇〇〇〇(○)	B54, C24	Insert (Turning)
CCMT 〇〇〇〇(○)APD	C24	Insert (Turning)
CCMT 〇〇〇〇(○)(○)GK	B54	Insert (Turning)
CCMT 〇〇〇〇(○)HQ	B54	Insert (Turning)
CCMT 〇〇〇〇MQ	B55	Insert (Turning)
CCMT 〇〇〇〇(○)NE	C24	Insert (Turning)
CCMT 〇〇〇〇(○)PP	B54	Insert (Turning)
CCMT 〇〇〇〇(○)SE	C24	Insert (Turning)
CCMT 〇〇〇〇(○)WP	B54	Insert (Turning)
CCMW 〇〇〇〇MEF	C14	Insert (Turning)
CCMW 〇〇〇〇S〇〇〇〇〇〇MES	C14	Insert (Turning)
CCMW 〇〇〇〇(○)(○)S〇〇〇〇〇〇SET	C14	Insert (Turning)
CCMW 〇〇〇〇(○)T〇〇〇〇〇〇〇ME	C14	Insert (Turning)
CCMW 〇〇〇〇(○)(○)T〇〇〇〇〇〇〇SE	C14	Insert (Turning)
CCMW 〇〇〇〇S〇〇〇〇〇〇〇MET	C14	Insert (Turning)
CCN-5	H47	Coolant Piping
CCRN% 〇〇〇〇□-〇〇A	D32	Toolholder (Turning)
CD -〇〇〇〇(-G)	K110	Toolholder (Drilling) Coremaster Coredrill (CD)
CD -〇〇〇〇-LC	K111	Toolholder (Drilling) Coremaster Coredrill (CD-LC)
CD -〇〇〇〇-XL	K111	Toolholder (Drilling) Coremaster Coredrill (CD-XL)
CDJN% 〇〇〇〇□-〇〇	D27	Toolholder (Turning)
CE-010	P15	Spare Parts (Clamp Set)
CE-020	P15	Spare Parts (Clamp Set)
CE-030	P15	Spare Parts (Clamp Set)
CE-030A	P15	Spare Parts (Clamp Set)
CE-040	P15	Spare Parts (Clamp Set)
CE-111	P17	Spare Parts (Clamp)
CE-121	P17	Spare Parts (Clamp)
CE-131	P17	Spare Parts (Clamp)
CE-141	P17	Spare Parts (Clamp)
CE-220	P15	Spare Parts (Clamp Set)
CE-320	P15	Spare Parts (Clamp Set)
CE-360S	P15	Spare Parts (Clamp Set)
CE-410	P15	Spare Parts (Clamp Set)
CE-430	P15	Spare Parts (Clamp Set)
CELN% 〇〇〇〇□-〇〇	D27	Toolholder (Turning)
CEM 〇〇〇〇-〇W(-7.5)	M161	End Mill (CEM)
CGA-3%	P17	Spare Parts (Clamp)
CGA-4%	P17	Spare Parts (Clamp)
CGA-5%	P17	Spare Parts (Clamp)
CGB%	P17	Spare Parts (Clamp)
CGH-1%	P17	Spare Parts (Clamp)
CGH-2%	P17	Spare Parts (Clamp)
CGH-3%	P17	Spare Parts (Clamp)
CGIA-3R	P17	Spare Parts (Clamp)
CGIA-4R	P17	Spare Parts (Clamp)
CGIA-5R	P17	Spare Parts (Clamp)
CH0503-45	K61	Insert (Drilling) DRV MAGIC DRILL

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
CH-20R	P17	Spare Parts (Clamp)
CIN% 0000S-00	J22	Toolholder (Threading)
CL63-1	P21	Spare Parts (Coolant Pipe)
CL100-1	P21	Spare Parts (Coolant Pipe)
CM 0000-00(○)	M247	End Mill (Chamfering)
CM 0000-00-00	M247	End Mill (Chamfering)
CM 0000-00-AL	M247	End Mill (Chamfering)
CNGA 000	B21	Insert (Turning)
CNGA 000MEF	C6	Insert (Turning)
CNGA 000ME4	C6	Insert (Turning)
CNGA 000S000000	B106	Insert (Turning)
CNGA 000(○)S000000ME	C6	Insert (Turning)
CNGA 000S000000MEH	C6	Insert (Turning)
CNGA 000S000000MEP	C6	Insert (Turning)
CNGA 000S000000MET	C6	Insert (Turning)
CNGA 000S000000MEW	C6	Insert (Turning)
CNGA 000S000000SE	C7	Insert (Turning)
CNGA 000S000000SET	C7	Insert (Turning)
CNGA 000T000000	B106	Insert (Turning)
CNGA 000T000000AA	B106	Insert (Turning)
CNGA 000T000000OME	C6	Insert (Turning)
CNGG 000AH	B22	Insert (Turning)
CNGG 000FP-TK	B19	Insert (Turning)
CNGG 000HQ	B16	Insert (Turning)
CNGG 000(○)MFP-SK	B19	Insert (Turning)
CNGG 000(○)MU	B20	Insert (Turning)
CNGG 000%	B22	Insert (Turning)
CNGG 000F%	B22	Insert (Turning)
CNGG 000%-25R	B22	Insert (Turning)
CNGG 000%-A3	B22	Insert (Turning)
CNGG 000(○)%-S	B22	Insert (Turning)
CNGG 000TK	B19	Insert (Turning)
CNGG 000Z	B22	Insert (Turning)
CNGM 000ME-HD	C7	Insert (Turning)
CNGM 000ME-HH	C7	Insert (Turning)
CNGM 000ME-HL	C7	Insert (Turning)
CNGM 000S000000BBO	C7	Insert (Turning)
CNG 000T000000AA	B106	Insert (Turning)
CNG 000T000000	B106	Insert (Turning)
CNGU 0000(○)MER-U	B50	Insert (Turning)
CNGU 0000(○)(○)MFR-F	B50	Insert (Turning)
CNGU 0000(○)(○)MFR-U	B50	Insert (Turning)
CNGU 0000MF-SK	B50	Insert (Turning)
CNGU 0000MFP-SK	B50	Insert (Turning)
CNGX 000T000000	B106	Insert (Turning)
CNM 000	C19	Insert (Turning)
CNM 000T000000	B106	Insert (Turning)
CNMA 000	B21	Insert (Turning)
CNMA 000T000000AA	B106	Insert (Turning)

Part Number	Page	Description
CNMG 000	B18	Insert (Turning)
CNMG 000AH	B22	Insert (Turning)
CNMG 000C	B21	Insert (Turning)
CNMG 000CJ	B17	Insert (Turning)
CNMG 000CQ	B17	Insert (Turning)
CNMG 000GC	B21	Insert (Turning)
CNMG 000(○)GP	B16	Insert (Turning)
CNMG 000GS	B17	Insert (Turning)
CNMG 000GT	B18	Insert (Turning)
CNMG 000HQ	B16	Insert (Turning)
CNMG 000HS	B17	Insert (Turning)
CNMG 000KG	B21	Insert (Turning)
CNMG 000KH	B21	Insert (Turning)
CNMG 000KQ	B21	Insert (Turning)
CNMG 000MQ	B20	Insert (Turning)
CNMG 000MS	B20	Insert (Turning)
CNMG 000MU	B20	Insert (Turning)
CNMG 000PG	B17	Insert (Turning)
CNMG 000PH	B18	Insert (Turning)
CNMG 000(○)PP	B16	Insert (Turning)
CNMG 000PQ	B16	Insert (Turning)
CNMG 000PS	B17	Insert (Turning)
CNMG 000PT	B18	Insert (Turning)
CNMG 000SG	B20	Insert (Turning)
CNMG 000SQ	B20	Insert (Turning)
CNMG 000TK	B19	Insert (Turning)
CNMG 000TN-V	B17	Insert (Turning)
CNMG 000WE	B16	Insert (Turning)
CNMG 000WF	B16	Insert (Turning)
CNMG 000WP	B16	Insert (Turning)
CNMG 000WQ	B16	Insert (Turning)
CNMG 000XF	B19	Insert (Turning)
CNMG 000XP	B19	Insert (Turning)
CNMG 000XQ	B19	Insert (Turning)
CNMG 000XS	B19	Insert (Turning)
CNMG 000ZS	B21	Insert (Turning)
CNMM 000(○)M	C23	Insert (Turning)
CNMM 000(○)M-NE	C23	Insert (Turning)
CNMM 000(○)M-SE	C23	Insert (Turning)
CNMM 000PX	B19	Insert (Turning)
CNMM 000X%-SX	B21	Insert (Turning)
CNMU 0000(○)E-GK	B50	Insert (Turning)
CP-2D	P18	Spare Parts (Clamp)
CP-2D-%-JCT	P18	Spare Parts (Clamp)
CP-3D	P18	Spare Parts (Clamp)
CP-3D-%-JCT	P18	Spare Parts (Clamp)
CP-4D-%-JCT	P18	Spare Parts (Clamp)
CP-5D	P18	Spare Parts (Clamp)
CP-5D-JCT	P18	Spare Parts (Clamp)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
CP-8TE	P18	Spare Parts (Clamp)
CP-8W	P18	Spare Parts (Clamp)
CP8X15TL	P2	Spare Parts (Screw)
CP8X23TL	P2	Spare Parts (Screw)
CPGB ○○○○○○○○MES	C14	Insert (Turning)
CPGB ○○○(○)○S○○○○○MET	C14	Insert (Turning)
CPGB ○○○(○)○S○○○○○SET	C14	Insert (Turning)
CPGB ○○○(○)○T○○○○○OME	C14	Insert (Turning)
CPGB ○○○(○)○(○)T○○○○○OSE	C14	Insert (Turning)
CPGT ○○○○(○)	B60	Insert (Turning)
CPMB ○○○(○)○(○)	B61	Insert (Turning)
CPMH ○○○(○)○(○)	B61, C25	Insert (Turning)
CPMH ○○○(○)○(○)HQ	B61	Insert (Turning)
CPMH ○○○(○)○(○)NE	C25	Insert (Turning)
CPMH ○○○(○)○(○)Y	B61	Insert (Turning)
CPMH ○○○(○)SE	C25	Insert (Turning)
CPMT ○○○(○)○(○)GP	B61	Insert (Turning)
CPMT ○○○(○)○(○)PP	B61	Insert (Turning)
CPMT ○○○(○)○(○)XP	B61	Insert (Turning)
CPMT ○○○XQ	B61	Insert (Turning)
CP-RC%	P15	Spare Parts (Clamp Set)
CPS-1	P16	Spare Parts (Clamp Set)
CPS-2	P16	Spare Parts (Clamp Set)
CPS-2P	P16	Spare Parts (Clamp Set)
CPS-2S	P16	Spare Parts (Clamp Set)
CPS-2TR	P16	Spare Parts (Clamp Set)
CPS-3	P16	Spare Parts (Clamp Set)
CPS-4V	P16	Spare Parts (Clamp Set)
CPS-5E	P16	Spare Parts (Clamp Set)
CPS-5F	P16	Spare Parts (Clamp Set)
CPS-5%	P16	Spare Parts (Clamp Set)
CPS-5S	P16	Spare Parts (Clamp Set)
CPS-5V	P16	Spare Parts (Clamp Set)
CPS-6F	P16	Spare Parts (Clamp Set)
CPS-6M	P16	Spare Parts (Clamp Set)
CPS-6S	P16	Spare Parts (Clamp Set)
CPS-6V	P16	Spare Parts (Clamp Set)
CPS-8V	P16	Spare Parts (Clamp Set)
CP-ST-R1/8	H15	Coolant Coupler
CRDCN ○○-○	D31	Toolholder (Turning)
CRDNN ○○-○□	D31	Toolholder (Turning)
CRDNN ○○○○□-○○	D31	Toolholder (Turning)
CRDNN ○○○○□-○OA	D33	Toolholder (Turning)
CRSN%	D31	Toolholder (Turning)
CRSN%	D33	Toolholder (Turning)
CS ○○-○○○	K117	Toolholder (Drilling) Countersink (CS)
CS-3D-TR	P2	Spare Parts (Screw)
CSDNN ○○○○□-○○	D29	Toolholder (Turning)
CSDNN ○○○○□-○OA	D35	Toolholder (Turning)

Part Number	Page	Description
CSKN% ○○○○□-○○	D29	Toolholder (Turning)
CSKNR ○○○○□-○OA	D34	Toolholder (Turning)
CS-N% ○○○○□-○○	D29	Toolholder (Turning)
CSRN% ○○-○□	D29	Toolholder (Turning)
CSRN% ○○○○□-○○	D29	Toolholder (Turning)
CSRN% ○○○○□-○OA	D34	Toolholder (Turning)
CSSN% ○○-○□	D29	Toolholder (Turning)
CSSN% ○○○○□-○○	D29	Toolholder (Turning)
CSSN% ○○○○□-○OA	D35	Toolholder (Turning)
CSYN% ○○○○□-○○	D29	Toolholder (Turning)
CSYN% ○○○○□-○OA	D34	Toolholder (Turning)
CT○○○TO -45A	K31	Chamfer Insert (Drilling) DRC MAGIC DRILL
CT○○○TO -45DA	K20	Chamfer Insert (Drilling) DRA MAGIC DRILL
CTDPR ○○○CA○○	N25	Toolholder (Cartridge)
CTEPR ○○○CA○○	N25	Toolholder (Cartridge)
CTFPR ○○○CA○○	N25	Toolholder (Cartridge)
CTJN% ○○-○□	D30	Toolholder (Turning)
CTJN% ○○○○□-○○	D30	Toolholder (Turning)
CTJN% ○○○○□-○OA	D36	Toolholder (Turning)
CTUN% ○○○○□-○○	D30	Toolholder (Turning)
CTUN% ○○○○□-○OA	D36	Toolholder (Turning)
D		
DA ○○○○M-FTP	K8	Insert (Drilling)
DA ○○○○M-GM	K6	Insert (Drilling)
DA ○○○○M-KM	K7	Insert (Drilling)
DB ○○○RO○	G55	Insert (Grooving)
DB ○○○□(□□)T00420	G55	Insert (Grooving)
DC ○○○○M-SC	K24-K26	Insert (Drilling) DRC MAGIC DRILL
DC-42	P9	Spare Parts (Shim)
DC-44	P9	Spare Parts (Shim)
DC-44-C	P9	Spare Parts (Shim)
DCET ○○○○○F%-JSF	B70	Insert (Turning)
DCET ○○○○○F%-USF	B68	Insert (Turning)
DCET ○○○○(○)MF%-J	B70	Insert (Turning)
DCET ○○○○○MF%-JSF	B70	Insert (Turning)
DCET ○○○○(○)MF%-U	B68	Insert (Turning)
DCET ○○○○○(○)MF%-USF	B68	Insert (Turning)
DCET ○○○○(○)M%-F	B66	Insert (Turning)
DCET ○○○○(○)M%-FSF	B66	Insert (Turning)
DCET ○○○○(○)%-FSF	B66	Insert (Turning)
DCGT ○○○○(○)	B64	Insert (Turning)
DCGT ○○○○AH	B71	Insert (Turning)
DCGT ○○○○(○)AP	B71	Insert (Turning)
DCGT ○○○○○CF	B62	Insert (Turning)
DCGT ○○○○○CK	B62	Insert (Turning)
DCGT ○○○○(○)E%-J	B71	Insert (Turning)
DCGT ○○○○(○)E%-U	B69	Insert (Turning)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
DCGT ○○○○(○)F%-J	B70	Insert (Turning)
DCGT ○○○○(○)F%-U	B68	Insert (Turning)
DCGT ○○○○(○)FN-Z	B64	Insert (Turning)
DCGT ○○○○(○)IM	B64	Insert (Turning)
DCGT ○○○○(○)OM-CF	B62	Insert (Turning)
DCGT ○○○○(○)OM-CK	B62	Insert (Turning)
DCGT ○○○○(○)ME%-J	B71	Insert (Turning)
DCGT ○○○○(○)ME%-U	B69	Insert (Turning)
DCGT ○○○○(○)(○)MF	B64	Insert (Turning)
DCGT ○○○○(○)(○)MF-GF	B62	Insert (Turning)
DCGT ○○○○(○)(○)MF-GQ	B63	Insert (Turning)
DCGT ○○○○(○)(○)MFP-GF	B62	Insert (Turning)
DCGT ○○○○(○)(○)MFP-GQ	B63	Insert (Turning)
DCGT ○○○○(○)(○)MFP-SK	B62	Insert (Turning)
DCGT ○○○○(○)(○)MFP-SKS	B62	Insert (Turning)
DCGT ○○○○(○)(○)MF%-J	B70	Insert (Turning)
DCGT ○○○○(○)(○)MF%-U	B69	Insert (Turning)
DCGT ○○○○(○)MP-CF	B62	Insert (Turning)
DCGT ○○○○(○)MP-CK	B63	Insert (Turning)
DCGT ○○○○(○)(○)M%-F	B67	Insert (Turning)
DCGT ○○○○(○)M%-A3	B71	Insert (Turning)
DCGT ○○○○(○)M%-F	B67	Insert (Turning)
DCGT ○○○○(○)M%-FS	B67	Insert (Turning)
DCGW ○○○○(○)	B71	Insert (Turning)
DCLN% ○○-○□	D8	Toolholder (Turning)
DCLN% ○○-○□JCT	D8	Toolholder (Turning)
DCLN% ○○○○□-○○	D8	Toolholder (Turning)
DCLN% ○○○○□-○○JCT	D8	Toolholder (Turning)
DCMT ○○○○(○)	C25	Insert (Turning)
DCMT ○○○○(○)APD	C25	Insert (Turning)
DCMT ○○○○CQ	M29, M246	Insert (Milling) / API Insert (Ring Grooving)
DCMT ○○○○(○)GK	B64	Insert (Turning)
DCMT ○○○○(○)GP	B63	Insert (Turning)
DCMT ○○○○(○)HQ	B64, M29, M246	Insert (Turning/Milling) / API Insert (Ring Grooving)
DCMT ○○○○(○)MQ	B65	Insert (Turning)
DCMT ○○○○(○)NE	C25	Insert (Turning)
DCMT ○○○○(○)PP	B63	Insert (Turning)
DCMT ○○○○(○)M%-NE	C25	Insert (Turning)
DCMT ○○○○(○)SE	C25	Insert (Turning)
DCMT ○○○○(○)XP	B65	Insert (Turning)
DCMT ○○○○XQ	B65	Insert (Turning)
DCMW ○○○○MEF	C15	Insert (Turning)
DCMW ○○○○(○)S○○○○OMES	C15	Insert (Turning)
DCMW ○○○○(○)S○○○○OMET	C15	Insert (Turning)
DCMW ○○○○S○○○○OSET	C15	Insert (Turning)
DCMW ○○○○(○)T○○○○OME	C15	Insert (Turning)
DCMW ○○○○(○)T○○○○OSE	C15	Insert (Turning)
DCMX ○○○○(○)WP	B63	Insert (Turning)

Part Number	Page	Description
DCMX ○○○○%-WP	B63	Insert (Turning)
DD-42	P9	Spare Parts (Shim)
DD-42-16	P9	Spare Parts (Shim)
DD-43	P9	Spare Parts (Shim)
DD-44	P9	Spare Parts (Shim)
DDJN% ○○-○□	D12	Toolholder (Turning)
DDJN% ○○-○□JCT	D12	Toolholder (Turning)
DDJN% ○○○○□-○○○○	D12	Toolholder (Turning)
DDJN% ○○○○(○)M-○○JCT	D12	Toolholder (Turning)
DDHN% ○○○○□-○○○○	D12	Toolholder (Turning)
DMC ○○○	M138	End Mill (DMC)
DMC ○○○H	M140	End Mill (DMC-H)
DMC ○○○SX	M139	End Mill (DMC-SX)
DMC ○○○SXT	M139	End Mill (DMC-SX)
DMC ○○○SX-○○○	M139	End Mill
DMC ○○○-S○○	M138	End Mill (DMC)
DN10	P21	Spare Parts (Nozzle)
DN20	P21	Spare Parts (Nozzle)
DNG ○○○S○○○○○	B107	Insert (Turning)
DNG ○○○T○○○○○	B107	Insert (Turning)
DNG ○○○T○○○○○AA	B107	Insert (Turning)
DNGA ○○○MEF	C8	Insert (Turning)
DNGA ○○○ME4	C8	Insert (Turning)
DNGA ○○○S○○○○○	B107	Insert (Turning)
DNGA ○○○(○)S○○○○○OME	C8	Insert (Turning)
DNGA ○○○S○○○○○OMEH	C8	Insert (Turning)
DNGA ○○○S○○○○○MEP	C8	Insert (Turning)
DNGA ○○○S○○○○○OMET	C8	Insert (Turning)
DNGA ○○○(○)S○○○○○OSE	C9	Insert (Turning)
DNGA ○○○T○○○○○	B107	Insert (Turning)
DNGA ○○○T○○○○○AA	B107	Insert (Turning)
DNGA ○○○T○○○○○OME	C8	Insert (Turning)
DNGG ○○○AH	B30	Insert (Turning)
DNGG ○○○FP-TK	B27	Insert (Turning)
DNGG ○○○(○)MFP-SK	B27	Insert (Turning)
DNGG ○○○%-	B30	Insert (Turning)
DNGG ○○○%-A3	B30	Insert (Turning)
DNGG ○○○(○)M%-S	B30	Insert (Turning)
DNGG ○○○TK	B27	Insert (Turning)
DNGM ○○○ME-HD	C9	Insert (Turning)
DNGM ○○○ME-HH	C9	Insert (Turning)
DNGM ○○○ME-HL	C9	Insert (Turning)
DNGM ○○○S○○○○○BBO	C9	Insert (Turning)
DNGU ○○○○(○)MER-U	B51	Insert (Turning)
DNGU ○○○○(○)MFP-SK	B51	Insert (Turning)
DNGU ○○○○(○)(○)MFR-F	B51	Insert (Turning)
DNGU ○○○○(○)(○)MFR-U	B51	Insert (Turning)
DNGU ○○○○(○)MF-SK	B51	Insert (Turning)
DNGX ○○○T○○○○○	B107	Insert (Turning)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
DNMA ○○○	B30	Insert (Turning)
DNMG ○○○	B26	Insert (Turning)
DNMG ○○○AH	B30	Insert (Turning)
DNMG ○○○C	B29	Insert (Turning)
DNMG ○○○CJ	B24	Insert (Turning)
DNMG ○○○CQ	B24	Insert (Turning)
DNMG ○○○GC	B29	Insert (Turning)
DNMG ○○○(○)GP	B23	Insert (Turning)
DNMG ○○○GS	B24	Insert (Turning)
DNMG ○○○GT	B25	Insert (Turning)
DNMG ○○○(○)HQ	B24	Insert (Turning)
DNMG ○○○HS	B25	Insert (Turning)
DNMG ○○○KG	B29	Insert (Turning)
DNMG ○○○KH	B29	Insert (Turning)
DNMG ○○○KQ	B29	Insert (Turning)
DNMG ○○○MQ	B27	Insert (Turning)
DNMG ○○○MS	B28	Insert (Turning)
DNMG ○○○MU	B28	Insert (Turning)
DNMG ○○○PG	B25	Insert (Turning)
DNMG ○○○PH	B26	Insert (Turning)
DNMG ○○○(○)PP	B23	Insert (Turning)
DNMG ○○○PQ	B23	Insert (Turning)
DNMG ○○○PS	B25	Insert (Turning)
DNMG ○○○PT	B25	Insert (Turning)
DNMG ○○○(○)R-LD	B27	Insert (Turning)
DNMG ○○○SG	B28	Insert (Turning)
DNMG ○○○SQ	B28	Insert (Turning)
DNMG ○○○TK	B27	Insert (Turning)
DNMG ○○○TN-V	B24	Insert (Turning)
DNMG ○○○XF	B26	Insert (Turning)
DNMG ○○○XP	B26	Insert (Turning)
DNMG ○○○XQ	B26	Insert (Turning)
DNMG ○○○XS	B26	Insert (Turning)
DNMG ○○○ZS	B29	Insert (Turning)
DNMM ○○○(○)M	C23	Insert (Turning)
DNMM ○○○(○)M-NE	C23	Insert (Turning)
DNMM ○○○(○)M-SE	C23	Insert (Turning)
DNMM ○○○PX	B26	Insert (Turning)
DNMP ○○○TK	B24	Insert (Turning)
DNMU ○○○○(○)E-GK	B51	Insert (Turning)
DNMX ○○○WF	B23	Insert (Turning)
DPET ○○○○○F% -USF	B72	Insert (Turning)
DPET ○○○○○MF% -USF	B72	Insert (Turning)
DPET ○○○○○M% -FSF	B72	Insert (Turning)
DPET ○○○○○% -FSF	B72	Insert (Turning)
DR ○○-○○(□)	M201	Spare Parts (Drive-Ring)
DR ○○○○-○○○○(□)	M200	Spare Parts (Drive-Ring)
DR -○○○○	K103-K107	Toolholder (Drilling) HOLESHOT Drill (DR)

Part Number	Page	Description
DR -○○○○-X1	K106-K107	Toolholder (Drilling) HOLESHOT Drill (DR)
DR -○○○○-X3N	K103-K107	Toolholder (Drilling) HOLESHOT Drill (DR)
DS ○○○	K66	Insert (Drilling) DRS MAGIC DRILL
DRV CH○○	K60	Chamfering Attachment DRV MAGIC DRILL
DS-42	P9	Spare Parts (Shim)
DS-44	P9	Spare Parts (Shim)
DSBN%L ○○○○□-○○	D14	Toolholder (Turning)
DT-7	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DT-8	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DT-10	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DT-15	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DT-20	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DT-25	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DT-32	P9	Spare Parts (Shim)
DT-42	P9	Spare Parts (Shim)
DTGN%L ○○○○□-○○	D16	Toolholder (Turning)
DTM-6	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-7	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-8	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-10	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DTM-15	P19	Spare Parts (Torx Wrench / Screwdriver Type)
DTP-6	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTP-7	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTP-9	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTP-15	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTP-20	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTPM-8	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTPM-10	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DTPM-15	P19	Spare Parts (Torx Plus Wrench / Screwdriver Type)
DV-33	P9	Spare Parts (Shim)
DVJN%L ○○-○□	D20	Toolholder (Turning)
DVLN%L ○○○○□-○○	D20	Toolholder (Turning)
DVPN%L ○○-○□	D20	Toolholder (Turning)
DVPN%L ○○○○□-○○	D20	Toolholder (Turning)
DW-42	P9	Spare Parts (Shim)
DW-44	P9	Spare Parts (Shim)
DWLN%L ○○-○□	D24	Toolholder (Turning)
DWLN%L ○○○○□-○○	D24	Toolholder (Turning)
DWLN%L ○○-○□JCT	D24	Toolholder (Turning)
DWLN%L ○○○○□-○○JCT	D24	Toolholder (Turning)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
DVNN ○○-○□	D20	Toolholder (Turning)
DVNN ○○○○□-○○	D20	Toolholder (Turning)
E		
EO○□- SCLC%○A	F45	Boring Bars (Dynamic Bar)
EO○□- SCLC%○A-○/○	F45	Boring Bars (Dynamic Bar)
EO○□- SCLC%○○-○A	F45	Boring Bars (Dynamic Bar)
EO○□- SCLC%○○-○A-○/○	F45	Boring Bars (Dynamic Bar)
EO○□- SCLC%○○-○AN	F45	Boring Bars (Dynamic Bar)
EO○□- SCLC%○○-○AN-○/○	F45	Boring Bars (Dynamic Bar)
EO○□- SCLP%○○-○A	F49	Boring Bars (Dynamic Bar)
EO○□- SCLP%○○-○A-○/○	F49	Boring Bars (Dynamic Bar)
EO○□- SCLP%○○-○AN	F49	Boring Bars (Dynamic Bar)
EO○□- SCLP%○○-○AN-○/○	F49	Boring Bars (Dynamic Bar)
EO○□- SDQC%○A	F54	Boring Bars (Dynamic Bar)
EO○□- SDQC%○A-○/○	F54	Boring Bars (Dynamic Bar)
EO○□- SDQC%○○-○A	F54	Boring Bars (Dynamic Bar)
EO○□- SDQC%○○-○A-○/○	F54	Boring Bars (Dynamic Bar)
EO○□- SDUC%○A	F53	Boring Bars (Dynamic Bar)
EO○□- SDUC%○A-○/○	F53	Boring Bars (Dynamic Bar)
EO○□- SDUC%○○-○A	F53	Boring Bars (Dynamic Bar)
EO○□- SDUC%○○-○A-○/○	F53	Boring Bars (Dynamic Bar)
EO○□- SDZC%○○-○A	F55	Boring Bars (Dynamic Bar)
EO○□- STLP%○○-○A	F61	Boring Bars (Dynamic Bar)
EO○□- STLP%○○-○A-○/○	F61	Boring Bars (Dynamic Bar)
EO○□- STLP%○○-○AN	F61	Boring Bars (Dynamic Bar)
EO○□- STLP%○○-○AN-○/○	F61	Boring Bars (Dynamic Bar)
EO○□- SVPB%○○-○A	F68	Boring Bars (Dynamic Bar)
EO○□- SVPC%○○-○A	F68	Boring Bars (Dynamic Bar)
EO○□- SVUB%○○-○A	F71	Boring Bars (Dynamic Bar)
EO○□- SVUC%○○-○A	F71	Boring Bars (Dynamic Bar)
EO○□- SWUB%○○-○AN	F75	Boring Bars (Dynamic Bar)
EO○□- SWUB%○○-○AN-○/○	F75	Boring Bars (Dynamic Bar)
EO○□- SWUP%○○-○A	F75	Boring Bars (Dynamic Bar)
EO○□- SWUP%○○-○A-○/○	F75	Boring Bars (Dynamic Bar)
EGT 16-1	G54	Toolholder (External Grooving)
EM ○○○○	M156	End Mill
EM ○○○○-○○	M156	End Mill
EM ○○○○-○○-3F	M156	End Mill
EM ○○○○-○○○S	M156	End Mill
EM ○○○○-○.○	M156	End Mill (Extended Length)
EM ○○○○-AL	M159	End Mill (for Aluminum Machining)
EM ○○○○-○.○○(○)-AL	M159	End Mill (for Aluminum Machining)
EM ○○○○-3F	M156	End Mill
EM ○○○○-○○○○-LE	M157	End Mill (Long Edge)
ENG ○○○○○○○○	B107	Insert (Turning)
ENG ○○○○○○○○AA	B107	Insert (Turning)
ENET ○○○○PAER-□	M146	Insert (Milling) MFAH
EZBFR ○○○○○○-○○○	F23	EZ Bars (Boring)
EZBR ○○○○○○-○○○NB	C21, C33, F21	EZ Bars (Boring)

Part Number	Page	Description
EZB% ○○○○○○HP-○○○F	F18	EZ Bars (Boring)
EZB% ○○○○○○HP-○○○H	F18	EZ Bars (Boring)
EZBR ○○○○○○HP-○○○H-LT	F19	EZ Bars (Boring)
EZBR ○○○○○○ST-○○○F	F20	EZ Bars (Boring)
EZBR ○○○○○○ST-○○○H	F20	EZ Bars (Boring)
EZBTR ○○○○○○-○○○	F26	EZ Bars (Back Boring)
EZFG% ○○○○○○-○○○	G90	EZ Bars (Internal Face Grooving)
EZG% ○○○○○○-○○○	G59	EZ Bars (Internal Grooving)
EZG% ○○○○○○-○○○S	G59	EZ Bars (Internal Grooving)
EZTR ○○○○○○-○○-○○○	J32	EZ Bars (Internal Threading)
EZH ○○○○○○(○)CT-○○○	F30, F31, F100, G60, G91, J33	Sleeve
EZH ○○○○○○(○)HP-○○○	F32, F33, F100, G60, G91, J33	Sleeve
EZH ○○○○○○(○)ST-○○○	F34, F100, G60, G91, J33	Sleeve
EZVBR ○○○○○○-○○○	F24	EZ Bars (Boring / Internal Facing / Internal Profiling)
F		
FGG% ○○○○-○○	G45	Insert (Grooving)
FH-2	P19	Spare Parts (Hexagon Wrench / Flag Type)
FH-2.5	P19	Spare Parts (Hexagon Wrench / Flag Type)
FM ○○○○-90RH	M158	Face Mill (Fixed Pocket)
FM ○○○○-90AL-(125)	M159	Face Mill (Fixed Pocket)
FM AL-○○○○-90-○	M159	Face Mill (Fixed Pocket)
FMM ○○-○○	G135	Insert (Grooving)
FMN ○	G135	Insert (Grooving)
FT-6	P19	Spare Parts (Torx Wrench / Flag Type)
FT-7	P19	Spare Parts (Torx Wrench / Flag Type)
FT-8	P19	Spare Parts (Torx Wrench / Flag Type)
FT-10	P19	Spare Parts (Torx Wrench / Flag Type)
FT-15	P19	Spare Parts (Torx Wrench / Flag Type)
FTK ○	G137	Insert (Face Grooving)
FTP-5	P19	Spare Parts (Torx Plus Wrench / Flag Type)
FTP-6	P19	Spare Parts (Torx Plus Wrench / Flag Type)
FTP-7	P19	Spare Parts (Torx Wrench / Flag Type)
G		
GA ○○	G53	Insert (Grooving)
GBA ○○%○○○MY(N)	G7	Insert (Grooving)
GBA ○○%○○○N	G6	Insert (Grooving)
GBA ○○%○○○R	G7	Insert (Grooving)
GBA ○○%○○○-(○○○)	C20, C30, G8, G11	Insert (Grooving)
GBA ○○%○○○-○○○F	G9	Insert (Grooving)
GBA ○○%○○○-○○○GM	G9	Insert (Grooving)
GBA ○○%○○○-○○○MY	G9	Insert (Grooving)
GBA ○○%○○○-○○○R	G10	Insert (Grooving)
GBA ○○%○○○-○○○RF	G10	Insert (Grooving)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
GBF ○○%○○○-○○○	G16	Insert (Grooving)
GBF ○○%○○○-○○○GL	G16	Insert (Grooving)
GC ○○%○○○-○○○	G64	Insert (Grooving)
GDFM ○○○○N-○○○DM	G97	Insert (Face)
GDFM ○○○○N-○○○GH	G97	Insert (Face Grooving)
GDFM ○○○○N-○○○GM	G97	Insert (Face Grooving)
GDFM ○○○○N-○○○R-CM	G97	Insert (Face Grooving)
GDFMS ○○○○N-○○○DM	G97	Insert (Face Grooving)
GDG ○○○○N-○○○GS	G26	Insert (Grooving)
GDG ○○○○N-○○○PG	H20	Insert (Cut-Off)
GDG ○○○○% -○○○PG-○○○D	H20	Insert (Cut-Off)
GDGS ○○○○N-○○○NB	C20, C31, G27	Insert (Grooving)
GDM ○○○○N-○○○GL	G26	Insert (Grooving)
GDM ○○○○N-○○○GM	G26	Insert (Grooving)
GDM ○○○○N-○○○GMI	G79	Insert (Grooving)
GDM ○○○○N-○○○PF	H20	Insert (Cut-Off)
GDM ○○○○N-○○○PH	G26, H21	Insert (Grooving / Cut-Off)
GDM ○○○○N-○○○PM	H21	Insert (Cut-Off)
GDM ○○○○N-○○○PQ	H20	Insert (Cut-Off)
GDM ○○○○N-○○○R-CM	G26, G79	Insert (Grooving)
GDM ○○○○% -○○○PF-○○○D	H20	Insert (Cut-Off)
GDM ○○○○% -○○○PM-○○○D	H21	Insert (Cut-Off)
GDM ○○○○% -○○○PQ-○○○D	H20	Insert (Cut-Off)
GDMS ○○○○N-○○○GM	G26	Insert (Grooving)
GDMS ○○○○N-○○○PH	G26, H21	Insert (Grooving / Cut-Off)
GDMS ○○○○N-○○○PM	H21	Insert (Cut-Off)
GDMS ○○○○% -○○○PM-○○○D	H21	Insert (Cut-Off)
GE% ○○○-○○○□	G66, G68	Insert (Grooving)
GER ○○○-○○○□□	G66, G67	Insert (Grooving)
GFV% ○○○○□-○○○(○)□	G126	Toolholder (Face Grooving)
GFVS% ○○-H□	G128	Toolholder (Face Grooving)
GFVS% ○○○○□-H□	G130	Toolholder (Face Grooving)
GFVS% ○○○○□-○○AA	G124	Toolholder (Face Grooving)
GFVS% ○○-○○○(○)□	G129	Toolholder (Face Grooving)
GFVS% ○○○○□-○○○(○)□	G130	Toolholder (Face Grooving)
GFVT% ○○-H□	G128	Toolholder (Face Grooving)
GFVT% ○○○○□-H□	G130	Toolholder (Face Grooving)
GFVT% ○○○○□-○○AA	G124	Toolholder (Face Grooving)
GFVT% ○○-○○○(○)□	G129	Toolholder (Face Grooving)
GFVT% ○○○○□-○○○(○)□	G130	Toolholder (Face Grooving)
GG ○○○-○○○T00320	G54	Insert (Grooving)
GH ○○○○(○)-○○	B115, G53, G80	Insert (Grooving)
GHU ○○-○○	G53, G80	Insert (Grooving)
GIA ○○	G82	Insert (Grooving)
GIFV% ○○○○B-○○○□	G138	Toolholder (Face Grooving)
GIV% ○○○○-○○□(□)	G75	Toolholder (Grooving)
GMG ○○○○-○○MG	G81	Insert (Grooving / Previous Description)
GMG ○○○○-○○(○)MG	G44, G81, G135	Insert (Grooving)
GMG ○○○○-○○OMS	G44	Insert (Grooving)

Part Number	Page	Description
GMG ○○○○-○○OR	G44, G81	Insert (Grooving)
GMG ○○○○-○○ORU	G44	Insert (Grooving)
GMGA ○○○○-○○R	G81	Insert (Grooving / Previous Description)
GMGA ○○○○-○○OR	G45, G81, G135	Insert (Grooving)
GMGW ○○○○-○○R	C31, G56	Insert (Grooving)
GMGW ○○○○-○○R-HR	C31, G56	Insert (Grooving)
GMM 3014-04	G45	Insert (Grooving)
GMM 3014-15R	G45	Insert (Grooving)
GMM 3014-15RU	G45	Insert (Grooving)
GMM ○○○○-MT	G46, H34	Insert (Grooving)
GMM ○○○○-NB	G46, H34	Insert (Grooving)
GMM ○○○○% -MT-15D	G46, H34	Insert (Grooving)
GMM ○○○○% -TK-8D	G46, H34	Insert (Grooving)
GMM ○○○○% -TMR-6D	H34	Insert (Grooving)
GMM ○○○○-TK	G46, H34	Insert (Grooving)
GMM ○○○○-TMR	H34	Insert (Grooving)
GMM ○○○○-○○	G81	Insert (Grooving / Previous Description)
GMM ○○○○-○○V	G83	Insert (Grooving / Previous Description)
GMM ○○○○-○○VR	G83	Insert (Grooving / Previous Description)
GMM ○○○○-○○OMS	G44	Insert (Grooving)
GMM ○○○○-○○MW	G44, G81, G135	Insert (Grooving)
GMM ○○○○-○○OR	G44	Insert (Grooving)
GMM ○○○○-○○OV	G83	Insert (Grooving)
GMM ○○○○-○○VR	G83	Insert (Grooving)
GMN ○(○)	C20, C30, G46, G47, H34	Insert (Grooving)
GMN ○-TK	G46, H34	Insert (Grooving)
GM% ○-TK-8D	G46, H34	Insert (Grooving)
GM% ○(○)-○(○)D	G46, H34	Insert (Grooving)
GOMT ○○(□)○○○(○)ER-D	M23, M195	Insert (Milling) MEY
GP-1(N)	P21	Spare Parts (Plug)
GP-2(N)	P21	Spare Parts (Plug)
GS-50	P2	Spare Parts (Screw)
GV% ○○-○○○	G73	Insert (Grooving / Previous Description)
GV% ○○○□R	G73	Insert (Grooving / Previous Description)
GV% ○○○□(□)	C30	Insert (Grooving / Previous Description)
GV% ○○○-○○○□(□)	C30, G73, M255	Insert (Grooving)
GVF% ○○○□	C30, G73	Insert (Grooving / Previous Description)
GVF% ○○○AA	G125	Insert (Grooving / Previous Description)
GVF% ○○○-○○○AA	G125	Insert (Grooving)
GVF% ○○○-○○○□	C30, G132, M256	Insert (Grooving)
GVF% ○○○-○○○□R	G132	Insert (Grooving)
H		
HA○○ PCLN% 12-○○	F81	Boring Bar (AD Bar Interchangeable Head)
HA○○ PDUN% 15-○○	F82	Boring Bar (AD Bar Interchangeable Head)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
HA○○ PTFN%16-○○	F82	Boring Bar (AD Bar Interchangeable Head)
HA○○ SCLC%09-○○	F83	Boring Bar (AD Bar Interchangeable Head)
HA○○ SDUC%11-○○	F83	Boring Bar (AD Bar Interchangeable Head)
HCLN% ○○-○□	D26	Toolholder (Turning)
HF16X40HA	P2	Spare Parts (Screw with Coolant Hole)
HF16X40S	P2	Spare Parts (Screw)
HF16X44HC	P21	Spare Parts (Screw with Coolant Hole)
HF16X48HC	P21	Spare Parts (Screw with Coolant Hole)
HF20X53H	P2	Spare Parts (Screw)
HF20X53HA	P2	Spare Parts (Screw with Coolant Hole)
HF24X60H	P2	Spare Parts (Screw)
HF24X60HA	P2	Spare Parts (Screw with Coolant Hole)
HH1/2-1.25	P2	Spare Parts (Arbor / Mounting Bolt)
HH1/2-1.25H	P2	Spare Parts (Arbor / Mounting Bolt)
HH1/4-0.75	P2	Spare Parts (Arbor / Mounting Bolt)
HH3/4-2.3	P2	Spare Parts (Arbor / Mounting Bolt)
HH3/4-2.3H	P2	Spare Parts (Arbor / Mounting Bolt)
HH3/8-1.25	P2	Spare Parts (Arbor / Mounting Bolt)
HH3/8-1.25H	P2	Spare Parts (Arbor / Mounting Bolt)
HH3/8-1.5	P2	Spare Parts (Arbor / Mounting Bolt)
HH3X6	P3	Spare Parts (Screw)
HH3X12	P3	Spare Parts (Screw)
HH4X12	P4	Spare Parts (Screw)
HH4X16	P3	Spare Parts (Screw)
HH5X15	P3	Spare Parts (Screw)
HH5X16	P3	Spare Parts (Screw)
HH5X20	P3	Spare Parts (Screw)
HH5X25	P3	Spare Parts (Screw)
HH5X30	P3	Spare Parts (Screw)
HH6X12	P3	Spare Parts (Screw)
HH6X16	P3	Spare Parts (Screw)
HH6X16A	P3	Spare Parts (Screw)
HH6X18	P3	Spare Parts (Clamp Screw)
HH6X18A	P3	Spare Parts (Screw)
HH6X20	P3	Spare Parts (Screw)
HH6X25	P3	Spare Parts (Screw)
HH6X30	P3	Spare Parts (Screw)
HH8X20	P3	Spare Parts (Clamp Screw)
HH8X25	P3	Spare Parts (Screw)
HH8X25H	P4	Spare Parts (Screw)
HH10X25	P3	Spare Parts (Screw)
HH10X30	P3	Spare Parts (Screw)
HH10X30H	P4	Spare Parts (Screw)

Part Number	Page	Description
HH10X30M	P3	Spare Parts (Screw)
HH10X30S	P3	Spare Parts (Screw)
HH10X35	P3	Spare Parts (Screw)
HH10X35HK	P4	Spare Parts (Screw)
HH10X40	P3	Spare Parts (Screw)
HH12X25	P3	Spare Parts (Screw)
HH12X35	P3	Spare Parts (Screw)
HH12X35H	P4	Spare Parts (Screw)
HH12x35HC	P21	Spare Parts (Screw with Coolant Hole)
HH12X35HK	P4	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)
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	P4	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)
HH20X53	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)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
HRSN% ○○-○□	D31	Toolholder (Turning)
HS3X4	P4	Spare Parts (Screw)
HS3X4P	P4	Spare Parts (Screw)
HS3X8	P4	Spare Parts (Screw)
HS3X12	P4	Spare Parts (Screw)
HS3X16	P4	Spare Parts (Screw)
HS4X4	P4	Spare Parts (Screw)
HS4X4P	P4	Spare Parts (Screw)
HS5X5	P4	Spare Parts (Screw)
HS6X4		Spare Parts (Balance Screw)
HS6X4P	P4	Spare Parts (Screw)
HS6X6	P4	Spare Parts (Screw)
HS6X8T	P4	Spare Parts (Screw)
HS6X14	P4	Spare Parts (Screw)
HS6X22	P4	Spare Parts (Screw)
HS8X10	P4	Spare Parts (Screw)
HS8X12	P4	Spare Parts (Screw)
HS10X10	P4	Spare Parts (Screw)
HS10X16	P4	Spare Parts (Screw)
HS12X12	P4	Spare Parts (Screw)
HS12X16	P4	Spare Parts (Screw)
HS12X18	P4	Spare Parts (Screw)
HS12X20	P4	Spare Parts (Screw)
HS12X25	P4	Spare Parts (Screw)
HS12X30	P4	Spare Parts (Screw)
HS12X35	P4	Spare Parts (Screw)
HS16X12	P4	Spare Parts (Screw)
HS16X18	P4	Spare Parts (Screw)
HS16X20	P4	Spare Parts (Screw)
HS-2524TRP	P4	Spare Parts (Clamp Screw)
HS-2534TRP	P4	Spare Parts (Clamp Screw)
HS-3048TRP	P4	Spare Parts (Clamp Screw)
HS-4067TRP	P4	Spare Parts (Clamp Screw)
HS-AN-AN- ○○○	D11, G33, H47	Spare Parts (Hose)
HSB4X8%□	P4	Spare Parts (Screw)
HS-G1/8-G1/8- ○○○	H15	Coolant Hose
HSDNN ○○-○□	D29	Toolholder (Turning)
HSRN% ○○-○□	D29	Toolholder (Turning)
HS-ST-AN- ○○○	D11, G33, H47	Spare Parts (Hose)
HS-ST-ST- ○○○	D11, G33, H47	Spare Parts (Hose)
I		
J		
J-10X1.5-UNF3/8	D11, G33	Spare Parts (Joint)
JCET ○○○○○(○)M%-F	B73	Insert (Turning)
JCET ○○○○○(○)M%-FSF	B73	Insert (Turning)
JCET ○○○○○(○)%-FSF	B73	Insert (Turning)
JCGT ○○○○○(○)M%-F	B73	Insert (Turning)
JCGT ○○○○○(○)%-F	B73	Insert (Turning)
J-G1/8-UNF3/8	D11, G33, H47	Piping Joint

Part Number	Page	Description
J-M10X1.5-UNF3/8	H47	Piping Joint
JOMT ○○(□)○○○(○)ER-D	M23, M195	Insert (Milling) MEY
J-ST-NPT1/8-G1/8	H15	Coolant Joint
J-ST-NPT1/8-RC1/8	H15	Coolant Joint
J-ST-R1/4-G1/8	H15	Coolant Joint
J-ST-R1/4-RC1/8	H15	Coolant Joint
J-ST-R1/8-G1/8	H15	Coolant Joint
J-ST-R1/8-RC1/8	H15	Coolant Joint
K		
KDB%□ 16-1	G55	Toolholder (External Grooving)
KCFP ○○○○%□	G133	Insert (Cera-Notch Grooving / Threading)
KCG ○○○○%□	G42, G84	Insert (Cera-Notch Grooving / Threading)
KCGDP ○○○○%□	G42, G84	Insert (Cera-Notch Grooving / Threading)
KCGP ○○○○%□	G42, G84	Insert (Cera-Notch Grooving / Threading)
KCGT ○○○○○○FR-AL	M15, M153	Insert (Milling) MEAS
KCRP ○○○○%□	G42, G84	Insert (Cera-Notch Grooving / Threading)
KCT ○%□	J24	Insert (Cera-Notch Grooving / Threading)
KCTP ○%□	J24	Insert (Cera-Notch Grooving / Threading)
KCTK ○%□	J24	Insert (Cera-Notch Grooving / Threading)
KFMS%□ ○○-○-○○○○(○)(○)	G134, G135	Toolholder (Face Grooving)
KFMS%□ ○○○○□○○(○)○○(○)-8	G136	Toolholder (Face Grooving)
KFMS%□ ○○○○□○○(○)○○(○)-○	G134, G135	Toolholder (Face Grooving)
KFTB%□ ○○○○○(○)-OS	G137	Blade (Face Grooving)
KGA%□ ○○○○□-○	G53	Toolholder (Grooving)
KGBA%□ ○○-○	G12	Toolholder (Grooving)
KGBA%□ ○○-○-○○	G12	Toolholder (Grooving)
KGBA%□ ○○○○□-○○	G12	Toolholder (Grooving)
KGBA%□ ○○○○□-○○JCT	G13	Toolholder (Grooving)
KGBA%□ ○○○○□22-○○	G12	Toolholder (Grooving)
KGBA%□ ○○○○□22-○○JCT	G13	Toolholder (Grooving)
KGBA%□ ○○○○□22-○○T5	G12	Toolholder (Grooving)
KGBAS%□ ○○-○	G12	Toolholder (Grooving)
KGBAS%□ ○○-○-○○	G12	Toolholder (Grooving)
KGBAS%□ ○○○○□-○○	G12	Toolholder (Grooving)
KGBAS%□ ○○○○□22-○○	G12	Toolholder (Grooving)
KGBAS%□ ○○○○□22-○○T5	G12	Toolholder (Grooving)
KGBF%□ ○○○○JX-○○F	G17	Toolholder (Grooving)
KGBFR ○○○○□-○○FJCT	G19	Toolholder (Grooving)
KGBFS%□ ○○○○JX-○○F	G18	Toolholder (Grooving)
KGD%□ ○○-C	G34, G37, G100-G104, H30	Toolholder Body (Grooving / Cut-Off)
KGD%□ ○T○○-C	G34, G35, G36, G37, H30, H31	Blade (Grooving / Cut-Off)
KGD%□ ○○○○-C	G35, G37, G105-G109, H31	Toolholder Body (Grooving / Cut-Off)
KGD%□ ○(○)-○(○)□□	G28, H22	Toolholder (Grooving / Cut-Off)
KGD%□ ○○-○D○○□□	G28, H22	Toolholder (Grooving / Cut-Off)
KGD%□ ○○○○□(□)-○(○)	G28, H22	Toolholder (Grooving / Cut-Off)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
KGD%	○○○○□(□)-○(○)D○○	G28, H22 Toolholder (Grooving / Cut-Off)
KGD%	○○-OT○○	G30, H26 Toolholder (Grooving / Cut-Off)
KGD%	○○-OT○○(○)JCT	G32, H29 Toolholder (Grooving / Cut-Off)
KGD%	○○○○□-○(○)JCT	G29, H25 Toolholder (Grooving / Cut-Off)
KGD%	○○○○□-OT○○JCT	G32, H29 Toolholder (Grooving / Cut-Off)
KGD%	○○○○□(□)-○(○)T○○	G31, H27 Toolholder (Grooving / Cut-Off)
KGD%	○○X-OT○○S	G34, H30 Toolholder (Grooving / Cut-Off)
KGD%	○○○○X-OT○○S	G35, H31 Toolholder (Grooving / Cut-Off)
KGDF%	-○○(○)-○□-C	G100-G109, G111-G120, G121 Blade (Face Grooving)
KGDF%	○○○○X○○(○)-○□S	G105-G108 Toolholder (Face Grooving)
KGDF%	○○○○○○(○)-○B-Z	G110 Toolholder (Face Grooving)
KGDIR	○○B-○	G79 Toolholder (Internal Grooving)
KGDI%	○○○○B-○	G79 Toolholder (Internal Grooving)
KGDS%	○○-C	G36, G37, G111-G115 Toolholder (Grooving)
KGDS%	○○○○-C	G36, G37, G116-G120 Toolholder (Grooving)
KGDS%	○○○○JX-○(○)B	H23 Toolholder (Cut-Off)
KGDS%	○○○○X-OT○○S	G36 Toolholder (Grooving)
KGH%	○○○○□-○(○)	G52 Toolholder (Grooving)
KGHS%	○○○○□-○	G52 Toolholder (Grooving)
KGIAR	○○H	G82 Toolholder (Grooving / Toolholder Body)
KGIAR	○○○○B-○	G82 Toolholder (Grooving)
KGM%	○-○-○	G48, H36 Toolholder (Grooving / Cut-Off)
KGM%	○○-○	G48, H36 Toolholder (Grooving / Cut-Off)
KGM%	○○○○□(□)-○(○)	G48, H36 Toolholder (Grooving / Cut-Off)
KGM%	○○○○□-○(○)-○○(○)	G48 Toolholder (Grooving / Cut-Off)
KGM%	○○-OT	G49, H37 Toolholder (Grooving / Cut-Off)
KGM%	○○○○□-OT○○	G49, H37 Toolholder (Grooving / Cut-Off)
KGMM%	○○○○□-○	G50 Toolholder (Grooving)
KGMS%	○○○○□-○	G50 Toolholder (Grooving)
KGMU%	○○○○□	G51 Toolholder (Grooving)
KGMW%	○○○○□-○	G56 Toolholder (Grooving)
KIGBA%	○○-○	G76 Toolholder (Grooving)
KIGBA%	○○○○-○○	G76 Toolholder (Grooving)
KIGHR	○○○○B-○	G80 Toolholder (Grooving)
KIGM%	○○○○B-○	G81 Toolholder (Grooving)
KIGM%	○○B-○V	G83 Toolholder (Grooving)
KIGMUR	○○○○B-○	G81 Toolholder (Grooving)
KITG%	○○○○T-○○	J31 Toolholder (Grooving / Threading)
KKC%	○(○)-○□(□)	G43, J24 Toolholder (Cera-Notch Grooving / Threading)
KKC%	○○○○□-○-○○OF	G43, J24 Toolholder (Cera-Notch Grooving / Threading)
KKCE%	○○-○□	G133 Toolholder (Cera-Notch Face Grooving)
KNMX	○○○○○○%(-□)	B31 Insert (Turning)
KPCO-DCLN	%○○○○○-○○□	N3 Polygon Shank Holder (Turning)
KPCO-DDHN	%○○○○○-○○□	N4 Polygon Shank Holder (Turning)
KPCO-DDJN	%○○○○○-○○□	N4 Polygon Shank Holder (Turning)
KPCO-DTGN	%○○○○○-○○□	N5 Polygon Shank Holder (Turning)
KPCO-DVLN	%○○○○○-○○□	N5 Polygon Shank Holder (Turning)

Part Number	Page	Description
KPCO-DVPN	%○○○○○-○○□	N6 Polygon Shank Holder (Turning)
KPCO-DWN	○○○○○-○○□	N6 Polygon Shank Holder (Turning)
KPCO-DWLN	%○○○○○-○○□	N7 Polygon Shank Holder (Turning)
KPCO-KGBA	%○○○○○-○○(○○)	N10 Polygon Shank Holder (Shallow Grooving)
KPCO-KGD	%○○○○○-○○T○	N9 Polygon Shank Holder (Grooving / Cut-Off)
KPCO-KTN	%○○○○○-○○□	N11 Polygon Shank Holder (Threading)
KPCO-SVJB	%○○○○○-○○□	N8 Polygon Shank Holder (Turning)
KPCO-SVWB	○○○○○-○○□	N7 Polygon Shank Holder (Turning)
KPKB	○○-○	H43 Blade (Cut-Off)
KPKB	○○-○JCT	H43 Blade (Cut-Off)
KPKTB	○○-○(○)JCT	H44 Block (Cut-Off)
KPS-42		P9 Spare Parts (Shim)
KPT-32		P9 Spare Parts (Shim)
KPT-42		P9 Spare Parts (Shim)
KQC	○○	N22 Toolholder (KQC Quick Change Adapter)
KSTB	S○○/○○ CCET○○○	E48 Sub-Spindle Tools
KSTB	S○○□ CCET○○○	E48 Sub-Spindle Tools
KSTB	S○○/○○ DCET○○○	E48 Sub-Spindle Tools
KSTB	S○○□ DCET○○○	E48 Sub-Spindle Tools
KSTB	S○○/○○ VBET○○○	E48 Sub-Spindle Tools
KSTB	S○○□ VBET○○○	E48 Sub-Spindle Tools
KSTB	S○○/○○ TGFO○	E49 Sub-Spindle Tools
KSTB	S○○□ TGFO○	E49 Sub-Spindle Tools
KSTB	S○○/○○ TTO○	E49 Sub-Spindle Tools
KSTB	S○○□ TTO○	E49 Sub-Spindle Tools
KTGF%	○○○○□-○○	G20 Toolholder (Grooving)
KTGF%	○○○○□(□)-○○F	G20 Toolholder (Grooving)
KTGF%	○(○)-○JXF	G20 Toolholder (Grooving)
KTKB	○○-OS	H49 Blade (Cut-Off)
KTKB	○○-OSS	H49 Blade (Cut-Off)
KTKB%	○○-OS	H49 Blade (Cut-Off)
KTKFL	○○(○)-○○□□	H8, J26 Toolholder (Back Turning / Cut-Off / Threading)
KTKFL	○○○○□□-○○	H8, J26 Toolholder (Back Turning / Cut-Off / Threading)
KTKF%	○(○)(○)-○○□□	E12, H8, J26 Toolholder (Back Turning / Cut-Off / Threading)
KTKF%	○○(○)-○○□□JCT	H13 Toolholder (Cut-Off)
KTKF%	○○○○□(□)-○○	E12, H8, J26 Toolholder (Back Turning / Cut-Off / Threading)
KTKF%	○○○○□(□)-○○S□	H10 Toolholder (Cut-Off)
KTKF%	○○○○□□-○○-Y	E14, H16 Toolholder (Back Turning / Cut-Off / Threading)
KTKF%	○○○○□-○○JCT	H13 Toolholder (Cut-Off)
KTKFS%	○-○○□□	H18 Toolholder (Cut-Off)
KTKFS%	○○○○□-○○A/B	H18 Toolholder (Cut-Off)
KTKH%	○○-OS	H51 Toolholder (Cut-Off)
KTKH%	○-○(○)-OS	H50 Toolholder (Cut-Off)
KTKH%	○○○○□-OS	H51 Toolholder (Cut-Off)
KTKH%	○○○○□-OT○○S	H51 Toolholder (Cut-Off)
KTKTB	○○(○)-○○	H44 Block (Cut-Off)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
KTKTBF ○○-○○	H44	Block (Cut-Off)
KTN% ○○-○	J20	Toolholder (Threading)
KTN% ○○○○□-○○	J20	Toolholder (Threading)
KTN% ○○○○□□-○○F	J20	Toolholder (Threading)
KTNR ○○-○○JCT	J21	Toolholder (Threading)
KTNR ○○○○□-○○JCT	J21	Toolholder (Threading)
KTNSR ○○○○□-○○	J20	Toolholder (Threading)
KTT% ○○○○□-○○	J30	Toolholder (Threading)
KTTXR ○(○)-○○□F	J28	Toolholder (Threading)
KTTXR ○○○○□(□)-○○F	J28	Toolholder (Threading)
KVN-32	P10	Spare Parts (Shim)
L		
LC-4K		Spare Parts (Shim)
LC-32	P10	Spare Parts (Shim)
LC-32N	P10	Spare Parts (Shim)
LC-42	P10	Spare Parts (Shim)
LC-42%	P10	Spare Parts (Shim)
LC-42N	P10	Spare Parts (Shim)
LC-42N-C	P10	Spare Parts (Shim)
LC-42N%	P10	Spare Parts (Shim)
LC-42N-20	P10	Spare Parts (Shim)
LC-42N%-20	P10	Spare Parts (Shim)
LC-4K	P10	Spare Parts (Shim)
LC-53	P10	Spare Parts (Shim)
LC-53N	P10	Spare Parts (Shim)
LC-53N-C	P10	Spare Parts (Shim)
LC-63	P10	Spare Parts (Shim)
LC-63-C	P10	Spare Parts (Shim)
LCMT ○○○○○○-GH-E	K42	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○○-GH-I	K43	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○○-GM-E	K42	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○○-GM-I	K43	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○○-SM-E	K42	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○○-SM-I	K43	Insert (Drilling) DRV MAGIC DRILL
LD-4K	P10	Spare Parts (Shim)
LD-4K43	P10	Spare Parts (Shim)
LD-32	P10	Spare Parts (Shim)
LD-32N	P10	Spare Parts (Shim)
LD-42	P10	Spare Parts (Shim)
LD-42-20	P10	Spare Parts (Shim)
LD-43	P10	Spare Parts (Shim)
LD-43-20	P10	Spare Parts (Shim)
LGBA-16% S	P16	Spare Parts (Clamp Set)
LGBA-22% S	P16	Spare Parts (Clamp Set)
LL-03	P8	Spare Parts (Lock Pin)
LL-03N	P8	Spare Parts (Lock Pin)
LL-03S	P8	Spare Parts (Lock Pin)
LL-03SN	P8	Spare Parts (Lock Pin)
LL-03T	P8	Spare Parts (Lock Pin)

Part Number	Page	Description
LL-03TN	P8	Spare Parts (Lock Pin)
LL-05C	P8	Spare Parts (Lock Pin)
LL-1	P8	Spare Parts (Lock Pin)
LL-1C	P8	Spare Parts (Lock Pin)
LL-1CN	P8	Spare Parts (Lock Pin)
LL-1D	P8	Spare Parts (Lock Pin)
LL-1DN	P8	Spare Parts (Lock Pin)
LL-1K	P8	Spare Parts (Lock Pin)
LL-1N	P8	Spare Parts (Lock Pin)
LL-2	P8	Spare Parts (Lock Pin)
LL-2C	P8	Spare Parts (Lock Pin)
LL-2K	P8	Spare Parts (Lock Pin)
LL-2N	P8	Spare Parts (Lock Pin)
LL-3	P8	Spare Parts (Lock Pin)
LL-3K	P8	Spare Parts (Lock Pin)
LL-3N	P8	Spare Parts (Lock Pin)
LL-4	P8	Spare Parts (Lock Pin)
LL-5	P8	Spare Parts (Lock Pin)
LL-5N	P8	Spare Parts (Lock Pin)
LL-6	P8	Spare Parts (Lock Pin)
LNEU ○○○○-○○(-○)	M206	Insert (Milling) MSTB
LNEU ○○○○-○○S(-○)	M206	Insert (Milling) MSTB
LNGX ○○○○○○	M15, M193	Insert (Milling) MFF
LNGX ○○○○○○OR-TT	M15, M193	Insert (Milling) MFF
LNU ○○○○T○○○○○○○○○A	B114	Insert (Turning)
LOGU ○○○○○○ER-GH	M15, M179	Insert (Milling) MFH
LOGU ○○○○○○ER-GM	M15, M44, M123, M179	Insert (Milling) MFLN / MFH
LOGU ○○○○PAER-GM	M15, M123	Insert (Milling) MFLN
LOGT ○○○○○○FR-AM	M16, M64	Insert (Milling) MEW
LOMU ○○○○○○ER-GH	M16, M64, M94	Insert (Milling) MEW / MEWH
LOMU ○○○○○○ER-GM	M16, M64, M94	Insert (Milling) MEW / MEWH
LOMU ○○○○○○ER-SM	M16, M64, M94	Insert (Milling) MEW / MEWH
LP-2S	P8	Spare Parts (Lock Pin)
LP-6S	P8	Spare Parts (Lock Pin)
LPA-11	P8	Spare Parts (Anchor Pin)
LPA-13	P8	Spare Parts (Anchor Pin)
LPA-17	P8	Spare Parts (Anchor Pin)
LPF-11	P8	Spare Parts (Anchor Pin)
LPF-13	P8	Spare Parts (Anchor Pin)
LPF-17	P8	Spare Parts (Anchor Pin)
LPF-1113	P8	Spare Parts (Anchor Pin)
LPF-1117	P8	Spare Parts (Anchor Pin)
LPGT ○○○○○○ER-GM	M16, M185	Insert (Milling) MFH
LR-10C	P10	Spare Parts (Shim)
LR-12C	P10	Spare Parts (Shim)
LR-16C	P10	Spare Parts (Shim)
LR-80	P10	Spare Parts (Shim)
LR-81	P10	Spare Parts (Shim)
LS-03	P4	Spare Parts (Lock Screw)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
LS-03S	P4	Spare Parts (Lock Screw)
LS-03N	P4	Spare Parts (Lock Screw)
LS-03SN	P4	Spare Parts (Lock Screw)
LS-05	P4	Spare Parts (Lock Screw)
LS-1	P5	Spare Parts (Lock Screw)
LS-1N	P5	Spare Parts (Lock Screw)
LS-1P	P5	Spare Parts (Lock Screw)
LS-1S	P5	Spare Parts (Lock Screw)
LS-1SN	P5	Spare Parts (Lock Screw)
LS-1T	P5	Spare Parts (Lock Screw)
LS-2	P5	Spare Parts (Lock Screw)
LS-2N	P5	Spare Parts (Lock Screw)
LS-2P	P5	Spare Parts (Lock Screw)
LS-3	P5	Spare Parts (Lock Screw)
LS-3P	P5	Spare Parts (Lock Screw)
LS-4	P5	Spare Parts (Lock Screw)
LS-4N	P5	Spare Parts (Lock Screw)
LS-5	P5	Spare Parts (Lock Screw)
LS-11	P5	Spare Parts (Lock Screw)
LS-15	P5	Spare Parts (Lock Screw)
LS-32	P10	Spare Parts (Shim)
LS-42	P10	Spare Parts (Shim)
LSD-445R	P14	Spare Parts (Cartridge)
LSE-445R	P14	Spare Parts (Cartridge)
LSO-445R	P14	Spare Parts (Cartridge)
LSP-1	P8	Spare Parts (Shim Pin)
LSP-2	P8	Spare Parts (Shim Pin)
LSP-2K	P8	Spare Parts (Shim Pin)
LSP-3	P8	Spare Parts (Shim Pin)
LSP-3K	P8	Spare Parts (Shim Pin)
LSP-4	P8	Spare Parts (Shim Pin)
LSP-415R	P14	Spare Parts (Cartridge)
LT-3K	P11	Spare Parts (Shim)
LT-32	P11	Spare Parts (Shim)
LT-32N	P11	Spare Parts (Shim)
LT-32N-20	P11	Spare Parts (Shim)
LT-42	P11	Spare Parts (Shim)
LT-42N	P11	Spare Parts (Shim)
LT-42N-20	P11	Spare Parts (Shim)
LTE-490R	P14	Spare Parts (Cartridge)
LTK-5	P20	Spare Parts (Wrench)
LTP-10	P19	Spare Parts (Torx Plus Wrench / L-shaped Type)
LTP-15	P19	Spare Parts (Torx Plus Wrench / L-shaped Type)
LTW-8SS	P19	Spare Parts (Torx Wrench / L-shaped Type)
LTW-10S	P19	Spare Parts (Torx Wrench / L-shaped Type)
LTW-10SS	P19	Spare Parts (Torx Wrench / L-shaped Type)
LTW-15S	P19	Spare Parts (Torx Wrench / L-shaped Type)

Part Number	Page	Description
LTW-20	P19	Spare Parts (Torx Wrench / L-shaped Type)
LTW-25	P19	Spare Parts (Torx Wrench / L-shaped Type)
LW-1.5	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-2	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-2.5	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-3	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-4	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-4.5	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-5	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-6	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-8	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-10	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-14	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-17	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-19	P19	Spare Parts (Hexagon Wrench / L-shaped Type)
LW-32	P11	Spare Parts (Shim)
LW-32N	P11	Spare Parts (Shim)
LW-42	P11	Spare Parts (Shim)
LW-42N	P11	Spare Parts (Shim)
M		
M○(○)- SHCS-CB	K116	Toolholder (Drilling) Counterbore (SHCS-CB)
M3X8	P5	Spare Parts (Screw)
M3X12	P5	Spare Parts (Screw)
M4X10	P5	Spare Parts (Screw)
MAP-2216	P14	Spare Parts (Cartridge)
MAP-2506	P14	Spare Parts (Cartridge)
MAP 100R○○-S100	M160	End Mill (MAP)
MBE -○○○○.○○○(○)	F15	Extended Reach Internal Diameter Profile Boring Bar
MBE -○○○○L○○○(○)	F15	Extended Reach Internal Profile Micro Boring Bar
MBS -○○○○.○○○(○)	F14	Standard Length Internal Profile Micro Boring Bar
MBS -○○○○L○○○(○)	F14	Standard Length Internal Diameter Profile Boring Bar
MCLN% ○○-○□	D8	Toolholder (Turning)
MCSE ○○○	M248	End Mill (Chamfering)
MCSE ○○○-○○	M248	End Mill (Chamfering)
MDJN% ○○-○□	D13	Toolholder (Turning)
MEAS ○○○○-S○○○○-○○-OT	M152	End Mill (for Aluminum Machining)
MEAS ○○○○S○○○○○○○○T○○○	M152	End Mill (for Aluminum Machining)
MEAS ○○-S○○-○○-OT	M152	End Mill (for Aluminum Machining)
MEAS ○○-S○○-○○-OT-○○○	M152	End Mill (for Aluminum Machining)
MEAS ○○○○R-○○-OT	M152	Face Mill (for Aluminum Machining)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
MEAS ○○○○-○○-○T-M	M152	Face Mill (for Aluminum Machining)
MEC ○○○○-S○○○-○○	M68	End Mill (MEC)
MEC ○○○○-S○○○-○○T	M68	End Mill (MEC)
MEC ○○○○-S○○○-○.○-○○	M68	End Mill (MEC)
MEC ○○○○-S○○○-○.○-○○T	M68	End Mill (MEC)
MEC ○○-M○○-○○(T)-○T	M73	Modular Head End Mill (MEC)
MEC ○○-S○○-○○	M69, M70	End Mill (MEC)
MEC ○○-S○○-○○T	M69, M70	End Mill (MEC)
MEC ○○-S○○-○○○-○○	M70	End Mill (MEC)
MEC ○○-S○○-○○○-○○○	M70	End Mill (MEC)
MEC ○○-S○○-○○○-○○○T	M69, M70	End Mill (MEC)
MEC ○○-S○○-○○○-○○○T-○	M69, M70	End Mill (MEC)
MEC ○○○○R-○○(T)-○T(N)	M71	Face Mill (MEC)
MEC ○○○○R-○○(○)T(N)	M72	Face Mill (MEC)
MEC ○○○○R-○○(○)T-M(N)	M72	Face Mill (MEC)
MEC ○○○○R-○○(○)T(□)	M72	Face Mill (MEC)
MECH ○○○○-W○○○(○)-○○○-○T	M96	End Mill (MECH)
MECH ○○○○-S○○○-○○-○-○T	M96	End Mill (MECH)
MECH ○○○○R-○○-○-○T	M97	Shell Mill (MECH)
MECH ○○○○R-○○-○-○T	M97	Shell Mill (MECH)
MECH ○○○○R-○○-○-○T-M	M97	Shell Mill (MECH)
MECH ○○○○R○○-○-○T-BT○○	M97	End Mill (MECH)
MECH ○○○○R○○-○T-BT○○○-A	M98	End Mill (MECH)
MECH ○○○○R○○-○T-BT○○○SA	M98	End Mill (MECH)
MECH ○○○○R○○-○T-F	M99	Front Mill Attachment (MECH)
MECHT ○○R-○○-○○(○○)-○-○T-M	M105	Shell Mill (MECHT)
MECHT ○○-S○○-○○-○-○T	M105	End Mill (MECHT)
MECX(L) ○○○○-S○○○-○○-○T	M80	End Mill (MECX)
MECX ○○-S○○-○○-○T	M80	End Mill (MECX)
MECX ○○-S○○-○○○-○○-○T	M80	End Mill (MECX)
MECX ○○○○R-○○-○(○)T	M81	Face Mill (MECX)
MECX ○○○○R-○○-○(○)T-M	M81	Face Mill (MECX)
MEF ○○-S○○	M250	End Mill (Countersinking)
METS ○○-S○○	M252	End Mill (T-Slotting)
METS ○○-S○○-H	M252	End Mill (T-Slotting)
MEV ○○○○-W○○○-○○-○T	M86	End Mill (MEV)
MEV ○○○○-S○○○-○-○○-○T	M86	End Mill (MEV)
MEV ○○-M○○-○○-○T	M88	Modular Head End Mill (MEV)
MEV ○○-S○○-○○-○T	M86	End Mill (MEV)
MEV ○○-S○○-○○-○○○-○T	M86	End Mill (MEV)
MEV ○○○○R-○○-○T	M87	Face Mill (MEV)
MEV ○○○○R-○○-○T-M	M87	Face Mill (MEV)
MEW ○○-M○○-○○-○T	M64	Modular Head End Mill (MEW)
MEW ○○-S○○-○○-○T	M61	End Mill (MEW)
MEW ○○-S○○-○○-○○○-○T	M61	End Mill (MEW)
MEW ○○-W○○-○○-○T	M61	End Mill (MEW)
MEW ○○○○R-○○-○T	M62	Face Mill (MEW)
MEW ○○○○R-○○-○T-M	M63	Face Mill (MEW)
MEW ○○○○-S○○○-○-○○-○T	M60	End Mill (MEW)

Part Number	Page	Description
MEW ○○○○-W○○○-○○-○T	M60	End Mill (MEW)
MEW ○○○○-W○○○-○(○○)-○○-○T	M60	End Mill (MEW)
MEWH ○○○○R-○○-○-○T-M	M94	Shell Mill (MEWH)
MEWH ○○○○-S○○○-○○-○-○T	M93	End Mill (MEWH)
MEWH ○○○○R-○○-○-○T	M94	Shell Mill (MEWH)
MEWH ○○○○-W○○○-○○-○-○T	M93	End Mill (MEWH)
MEY ○○○○-S○○○-HG	M194	End Mill (Multi-functional)
MEY ○○-S○○	M194	End Mill (Multi-functional)
MEY ○○-S○○-○○○	M194	End Mill (Multi-functional)
MEY ○○-S○○-○○○H	M194	End Mill (Multi-functional)
MEZ ○○-S○○○G	M196	End Mill (Multi-functional)
MEZ ○○-S○○-○○○G	M196	End Mill (Multi-functional)
MEZ ○○-S○○-○○○HG	M196	End Mill (Multi-functional)
MFAH ○○○○R-○(○)T-M(○○)-SF	M144	Face Mill (MFAH)
MFAH ○○○○R-○(○)T(-○○○)-SF	M144	Face Mill (MFAH)
MFAH ○○○○R-○(○)T-M-SF	M145	Face Mill (MFAH)
MFAH ○○○○R-○(○)T-SF	M145	Face Mill (MFAH)
MFF ○○○○R-SF	M192	Face Mill (MFF)
MFF ○○○○R-M-SF	M192	Face Mill (MFF)
MFH ○○○○-M○○-○○-○T	M179, M185	Modular Head End Mill (MFH)
MFH ○○○○-W○○○-○○-○T(○○)	M167, M176	End Mill (MFH)
MFH ○○○○-W○○○-○○-○T-○	M176	End Mill (MFH)
MFH ○○○○R-○○-○T(-○○○)	M164, M178	Face Mill (MFH)
MFH ○○○○R-○○-○T(-M)	M165, M178	Face Mill (MFH)
MFH ○○○○R-○○-○T-○○○	M165	Face Mill (MFH)
MFH ○○○○-S○○○-○○-○T(○○)	M167, M176, M184	End Mill (MFH)
MFH ○○○○-S○○○-○○-○T-○(○)	M167, M176, M184	End Mill (MFH)
MFH ○○-M○○-○○-○T	M170, M179, M185	Modular Head End Mill (MFH)
MFH ○○-S○○-○○-○T	M168, M169, M177, M184	End Mill (MFH)
MFH ○○-S○○-○○-○T-○○○	M168, M177	End Mill (MFH)
MFH ○○-W○○-○○-○T	M168, M177, M184	End Mill (MFH)
MFK ○○○(○)R-○○-○(○)T	M48, M49	Face Mill (MFK)
MFK ○○○○R-○○-○(○)T-M	M49	Face Mill (MFK)
MFK ○○○○R-○○-○(○)T-M-SF	M50	Face Mill (MFK)
MFK ○○○(○)R-○○-○(○)T-SF	M50	Face Mill (MFK)
MFLN 45○○○○○R-○(○)T	M42	Face Mill (MFLN45)
MFLN 45○○○○○R-○(○)T-M	M42	Face Mill (MFLN45)
MFLN 70○○○○○R-○(○)T	M43	Face Mill (MFLN70)
MFLN 70○○○○○R-○(○)T-M	M43	Face Mill (MFLN70)
MFLN 90○○○○○R-○(○)T	M122	Face Mill (MFLN90)
MFLN 90○○○○○R-○(○)T-M	M122	Face Mill (MFLN90)
MFPN-45	P11	Spare Parts (Shim)
MFPN 45○○○○(○)R-○(○)T	M31	Face Mill (MFPN45)
MFPN 45○○○%L-○(○)T	M32	Face Mill (MFPN45)
MFPN 45○○○R-○(○)T-M	M32	Face Mill (MFPN45)
MFPN 45○○○R-S32-○T	M33	End Mill (MFPN45)
MFPN 45○○○R-W125-○T	M33	End Mill (MFPN45)
MFPN 66○○○R-○(○)T-G	M37	Face Mill (MFPN66)
MFPN 66○○○R-○(○)T-M-G	M37	Face Mill (MFPN66)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
MFPN 66○○○R-S32-OT-G	M38	End Mill (MFPN66)
MFSN 88○○○R-○(○)T-G	M119	Face Mill (MFSN)
MFSN 88○○○R-○(○)T-M-G	M119	Face Mill (MFSN)
MFSN 88○○○R-S32-OT-G	M120	End Mill (MFSN)
MFWN-90	P11	Spare Parts (Shim)
MFWN 90○○○○(○)R-○(○)T	M108	Face Mill (MFWN)
MFWN 90○○○○R-W125-OT	M111	End Mill (MFWN)
MFWN 90○○○R-○(○)T(-M)	M109	Face Mill (MFWN)
MFWN 90○○○R-05-○(○)T(-M)	M114	Face Mill (MFWN)
MFWN 90○○○R-S○○-OT	M111	End Mill (MFWN)
MFWN 90○○○R-S○○-05-OT	M115	End Mill (MFWN)
MGI ○○○○-1□(□)	M254	End Mill (Grooving for M/C)
MOF 45○○○R-○○-○(○)T	M52	Face Mill (MOF45)
MOF 45○○○R-○○-○(○)T-M	M52	Face Mill (MOF45)
MRF ○○-S○○	M224	End Mill (Ball-Nose)
MRF ○○-S○○-○○○	M224	End Mill (Ball-Nose)
MRFW ○○-S○○	M224	End Mill (Ball-Nose)
MRFW ○○-S○○-○○○	M224	End Mill (Ball-Nose)
MRW ○○○○-S○○○-○○-OT-○(○)	M230	End Mill (MRW)
MRW ○○○○-W○○○-○○-OT	M230	End Mill (MRW)
MRW ○○○○R-○○-○(○)T	M228	Face Mill (MRW)
MRW ○○○○R-○○-○(○)T	M229	Face Mill (MRW)
MRW ○○○○R-○○-○(○)T-M	M229	Face Mill (MRW)
MRW ○○-S○○-○○-OT	M231	End Mill (MRW)
MRW ○○-S○○-○○-OT-○○○	M231	End Mill (MRW)
MRW ○○-W○○-○○-OT	M231	End Mill (MRW)
MRX ○○○○-S○○○-○○-OT-○(○)	M237	End Mill (MRX)
MRX ○○○○-W○○○-○○-OT	M237	End Mill (MRX)
MRX ○○○○R-○○-OT	M235	Face Mill (MRX)
MRX ○○○○R-○○-OT	M236	Face Mill (MRX)
MRX ○○○○R-○○-OT-M	M236	Face Mill (MRX)
MRX ○○-M○○-○○-OT	M239	Modular Head End Mill (MRX)
MRX ○○-S○○-○○-OT	M238	End Mill (MRX)
MRX ○○-S○○-○○-OT-○○○	M238	End Mill (MRX)
MRX ○○-W○○-○○-OT	M238	End Mill (MRX)
MSD-42	P11	Spare Parts (Shim)
MSE-4215	P11	Spare Parts (Shim)
MSE-4245	P11	Spare Parts (Shim)
MSE-4245S	P11	Spare Parts (Shim)
MSO-4T245	P11	Spare Parts (Shim)
MSO-5200	P11	Spare Parts (Shim)
MSP-42	P11	Spare Parts (Shim)
MSR ○○○○R-○	M131	Face Mill (MSR)
MSR ○○○○R-○-1.5ID	M131	Face Mill (MSR)
MSR ○○○○R-○	M132	Face Mill (MSR)
MSR ○○○○R-○M	M132	Face Mill (MSR)
MSR ○○○○R-○-31.75	M132	Face Mill (MSR)
MSR ○○○○R-BT50-○	M133	Face Mill (Integral Arbor Type)
MSRS 15○○○○(○)(○)R-○(○)T	M54	Face Mill (MSRS15)

Part Number	Page	Description
MSRS 15○○○R-○(○)T-M	M55	Face Mill (MSRS15)
MSRS 90○○○○(○)R-○-○(○)T	M126	Face Mill (MSRS90)
MSRS 90○○○R-○-○(○)T	M127	Face Mill (MSRS90)
MSRS 90○○○R-○-○(○)T-M	M127	Face Mill (MSRS90)
MSSN% ○○-○□	D14	Toolholder (Turning)
MSTA ○○(○)□○○-○(○)T	M200-M201	Slot Mill
MSTA ○○□○○○-○(○)T	M200-M201	Slot Mill
MSTB ○○(○)□□○○○○-OT	M204-M205	Slot Mill
MSTB ○○○○□□○○○-OT	M204-M205	Slot Mill
MSTC ○○○□□○○○-○○-○○	M210-M215	Slot Mill
MSTC ○○○□□○○○-○○-○(○)T	M210-M215	Slot Mill
MTE-42	P11	Spare Parts (Shim)
MTGN% ○○-○□	D16	Toolholder (Turning)
MTP 90-○○○-○○(○)W	M137	End Mill (MTP90)
MTP 90-○○○-R○	M137	End Mill (MTP90)
MVG ○○○○	M256	End Mill (Ring Grooving for M/C)
MVJN% ○○-○□	D21	Toolholder (Turning)
MVLN% ○○○○□-○○	D21	Toolholder (Turning)
MVN-32	P11	Spare Parts (Shim)
MVNN ○○-○□	D21	Toolholder (Turning)
MVNN ○○○○□-○○	D21	Toolholder (Turning)
MWLN% ○○-○□	D24	Toolholder (Turning)
N		
NDCT ○○○TRX	M24, M139, M140	Insert (Milling) DMC-SX / DMC-H
NDCT ○○○□□	M24, M138, M139, M161	Insert (Milling) DMC / DMC-SX, CEM
NDCT ○○○(□)(□)-B	M24, M161	Insert (Milling) CEM
NDCW ○○○○FRX	M30, M140	Insert (Milling) DMC-H
NDCW ○○○○FRX-NE	M30, M140	Insert (Milling) DMC-H
NDCW ○○○(□)RX	M24, M139, M140, M161	Insert (Milling) DMC-SX / DMC-H / CEM
NDCW ○○○(○)TR	M24, M139, M161	Insert (Milling) DMC-SX / CEM
NDMM ○○(□)○○○ER-NO	M24	Insert (Milling)
NDMM ○○(□)○○○ER-T	M24	Insert (Milling)
NDMM ○○○ER-SP	M24, M138, M139, M140, M161	Insert (Milling) DMC / DMC-SX / DMC-H / CEM
NDMT ○○(□)○○○(○)ER-D	M24	Insert (Milling)
NDMT ○○(□)○○○(○)ER-DH	M24	Insert (Milling)
NEMT ○○(□)○○○(○)ER-D	M24	Insert (Milling)
NEMT ○○(□)○○○(○)ER-DH	M24	Insert (Milling)
O		
OFMR ○○○○○○EN-GT	M25	Insert (Milling)
OFMR ○○○○○○EN-SH	M25, M52	Insert (Milling)
OFMT ○○○○○○EN-GT	M25, M52	Insert (Milling)
OFMT ○○○○○○□-SH	M25, M52	Insert (Milling)
P		
P-03	P8	Spare Parts (Shim Pin)
P-03S	P8	Spare Parts (Shim Pin)
PC-1	P21	Spare Parts (Punch)
PC-2	P21	Spare Parts (Punch)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
PCLN% ○○-○□	D9	Toolholder (Turning)
PCLN% ○○○○□-○○	D9	Toolholder (Turning)
PCLNR ○○○○□□-○○FF	E46	Toolholder (Double Sided Tooling)
PD-42	P12	Spare Parts (Shim)
PDHN% ○○○○□-○○	D13	Toolholder (Turning)
PDJN% ○○-○□	D13	Toolholder (Turning)
PDJN% ○○○○□-○○	D13	Toolholder (Turning)
PDJN% ○○○○-○○U	D13	Toolholder (Turning)
PH ○○-○MM	F102	Sleeve (for Micro-Bars)
PH ○○○○-○○	F102	Sleeve (for Micro-Bars)
PKM ○○N-○○○PH	H42	Insert (Cut-Off)
PKM ○○N-○○○PM	H42	Insert (Cut-Off)
PKM ○○%.-○○○PM-6D	H42	Insert (Cut-Off)
PNEA ○○○○XNTN-T01020	M17, M50	Insert (Milling) MFK
PNEG ○○○○XNEN-GL	M17, M50	Insert (Milling) MFK
PNEG ○○○○XNER-W	M17, M50	Insert (Milling) MFK
PNEG ○○○○XNTR-T00515(W)	M17, M50	Insert (Milling) MFK
PNEU ○○○○ANEL-GL	M18, M38	Insert (Milling) MFPN45
PNEU ○○○○ANER-GL	M18, M38	Insert (Milling) MFPN45
PNEU ○○○○ANER-W	M18, M38	Insert (Milling) MFPN45
PNMG ○○○○XNEN-GH	M17, M50	Insert (Milling) MFK
PNMG ○○○○XNEN-GM	M17, M50	Insert (Milling) MFK
PNMU ○○○○ANER-GH	M18, M38	Insert (Milling) MFPN45
PNMU ○○○○ANEL-GM	M18, M38	Insert (Milling) MFPN45
PNMU ○○○○ANER-GM	M18, M38	Insert (Milling) MFPN45
PNMU ○○○○ANER-SM	M18, M38	Insert (Milling) MFPN45
PNMU ○○○○XNER-GH	M18, M38	Insert (Milling) MFPN66
PNMU ○○○○XNER-GM	M18, M38	Insert (Milling) MFPN66
PNMU ○○○○XNER-SM	M18, M38	Insert (Milling) MFPN66
PP-4	P8	Spare Parts (Lock Pin)
PRGC% ○○-○○□□	D23	Toolholder (Turning)
PRGC% ○○○○□-○○	D23	Toolholder (Turning)
PRGC% ○○○○□-○○BE	D37	Toolholder (Turning)
PRGC% ○○○○□-○○BF	D37	Toolholder (Turning)
PRGN% ○○○○□-○○	D23	Toolholder (Turning)
PRXC% ○○-○○□□	D23	Toolholder (Turning)
PRXC% ○○○○□-○○	D23	Toolholder (Turning)
PSBN% ○○○○□-○○	D15	Toolholder (Turning)
PSDNN ○○○○□-○○	D15	Toolholder (Turning)
PSKNR ○○CA○○	N24	Toolholder (Cartridge)
PSKN% ○○○○□-○○	D15	Toolholder (Turning)
PSSNR ○○CA○○	N24	Toolholder (Cartridge)
PSSN% ○○○○□-○○	D15	Toolholder (Turning)
P-ST-RC1/8	H15	Coolant Coupler
PSYNR ○○CA○○	N24	Toolholder (Cartridge)
PTFNR ○○CA○○	N24	Toolholder (Cartridge)
PTFN% ○○-○□	D17	Toolholder (Turning)
PTFN% ○○○○□-○○	D17	Toolholder (Turning)
PTGNR ○○CA○○	N24	Toolholder (Cartridge)

Part Number	Page	Description
PTGN% ○○-○□	D17	Toolholder (Turning)
PTGN% ○○○○□-○○	D17	Toolholder (Turning)
PTLNR ○○○○□□-○○FF	E47	Toolholder (for Small Double-Sided Tools)
PTTNR ○○CA○○	N24	Toolholder (Cartridge)
PVLN% ○○○○□-○○Q	D22	Toolholder (Turning)
PVPN% ○○○○□-○○Q	D22	Toolholder (Turning)
PVWNN ○○○○□-○○Q	D22	Toolholder (Turning)
PWLN% ○○-○□	D25	Toolholder (Turning)
PWLN% ○○○○□-○○	D25	Toolholder (Turning)
Q		
R		
R ○○(R)(-SET)	M245	Cartridge Set (API Ring Groover)
R ○○-SET	M245	Cartridge Set (API Ring Groover)
RBG ○○K○○○○○	B114	Insert (Turning)
RCGX ○○○○M0-AQ	B74	Insert (Turning)
RCGX ○○E○○○	B114	Insert (Turning)
RCGX ○○○H○○○T○○○○○○	B114	Insert (Turning)
RCGX ○○(○)S○○○○○	B114	Insert (Turning)
RCGX ○○(○)T○○○○○	B114	Insert (Turning)
RCGX ○○○T○○○○○○○○○AA	B114	Insert (Turning)
RCMA ○○(○)T○○○○○○○○○AA	B114	Insert (Turning)
RCMT ○○○○M0-BB	B103	Insert (Turning)
RCMT ○○SH	B74	Insert (Turning)
RCMT ○○SR	B74	Insert (Turning)
RCMX ○○○○M0	B74	Insert (Turning)
RDFG ○○FR	M25, M225	Insert (Milling) MRF / MRFW
RDGT ○○○○M0ER-GM	M19, M235-M239	Insert (Milling) MRX
RDGT ○○○○M0ER-SM	M19, M235-M239	Insert (Milling) MRX
RDHX ○○(□)○(○)MOT	M25	Insert (Milling)
RDMT ○○(□)○M0-H	M25	Insert (Milling)
RDMT ○○○○M0EN-GH	M19, M235-M239	Insert (Milling) MRX
RDMT ○○○○M0ER-GM	M19, M235-M239	Insert (Milling) MRX
RNG ○○E○○○	B108	Insert (Turning)
RNG ○○K○○○○○	B108	Insert (Turning)
RNG ○○S○○○○○	B108	Insert (Turning)
RNG ○○T○○○○○	B108	Insert (Turning)
RNG ○○T○○○○○AA	B108	Insert (Turning)
RNM ○○	C19	Insert (Turning)
RNMG ○○	B31	Insert (Turning)
ROMU ○○○○M0ER-GH	M19, M228-M231	Insert (Milling) MRW
ROMU ○○○○M0ER-GM	M19, M228-M231	Insert (Milling) MRW
ROMU ○○○○M0ER-SM	M19, M228-M231	Insert (Milling) MRW
RPG ○○E○○○	B113	Insert (Turning)
RPG ○○T○○○○○	B113	Insert (Turning)
RPGT ○○(□)○(○)M0ER-GM	M19, M235-M239	Insert (Milling) MRX
RPGT ○○(□)○(○)M0ER-SM	M19, M235-M239	Insert (Milling) MRX
RPGX ○○E○○○	B114	Insert (Turning)
RPGX ○○T○○○○○	B114	Insert (Turning)

T
INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
RPMT ○○(□)○(○)M0	M25	Insert (Milling)
RPMT ○○○○M0-BB	B103	Insert (Turning)
RPMT ○○(□)○(○)M0EN-GH	M19, M235-M239	Insert (Milling) MRX
RPMT ○○(□)○(○)M0ER-GM	M19, M235-M239	Insert (Milling) MRX
RPMT ○○○○M0-H	M25	Insert (Milling)
RPMW ○○○○M0TN	M19, M235-M239	Insert (Milling) MRX
S		
SOO- CHOO	K30	Toolholder (Drilling) DRC MAGIC DRILL Chamfering Attachment
SOO- CHOO-DRA	K20	Toolholder (Drilling) DRA MAGIC DRILL Chamfering Attachment
SOO- DRS○○○○○	K67	Toolholder (Drilling) DRS MAGIC DRILL
SOO(○)- DRV○○○M-○-○○	K45-K58	Toolholder (Drilling) DRV MAGIC DRILL
SOO(○)- DRX○○○(○)M-○-○○	K85-K92	Toolholder (Drilling) DRX MAGIC DRILL
SOO(○)- DRZ○○○○(○○)(○)(○)-○○(□)	K68-K80	Toolholder (Drilling) DRZ MAGIC DRILL
SOO□- CCLN%○○-○○A	F98	Boring Bars
SOO□- CELNROO-○○	F97	Boring Bars
SOO□- CSKPROO-○○	F78	Boring Bars
SOO□- CTUN%○○-○○A	F98	Boring Bars
SOO□- CTUP%○	F79	Boring Bars
SOO□- CTUP%○○-○○	F79	Boring Bars
SOO(○)□- KTGFL16	G21	Sleeve Holder (Grooving)
SOO(○)□- KTTXL16	J28	Sleeve Holder (Threading)
SOO□- PCLN%○	F86	Boring Bars
SOO□- PCLN%○○-○○	F86	Boring Bars
SOO□- PDQN%○○-○○	F89	Boring Bars
SOO□- PDUN%○○-○○	F87, F89	Boring Bars
SOO□- PDZN%○○-○○	F89	Boring Bars
SOO□- PTUN%○○-○○	F93	Boring Bars
SOO□- PWLN%○○-○○	F94, F96	Boring Bars
SOO(○)□- SCLCLOO	E41	Sleeve Holder (Turning)
SOO□- SCLC%○○-○○A	F45	Boring Bars (Dynamic Bar)
SOO□- SCLC%○	F47	Boring Bars (General Purpose)
SOO□- SCLC%○(○)E	F47	Boring Bars (General Purpose)
SOO□- SCLC%○○-○○AE	F45	Boring Bars (Dynamic Bar)
SOO○□- SCLCROO-○○○EZ	F27	Boring Bars (EZ Bar PLUS)
SOO○□- SCLCROO-○○○EZP	F27	Boring Bars (EZ Bar PLUS)
SOO□- SCLP%○(○)	F51	Boring Bars (General Purpose)
SOO□- SCLP%○○-○○A	F49	Boring Bars (Dynamic Bar)
SOO□- SDQC%○○-○○A	F54	Boring Bars (Dynamic Bar)
SOO(○)□- SUDCLOO	E42	Sleeve Holder (Turning)
SOO□- SDUC%○	F56	Boring Bars (General Purpose)
SOO□- SDUC%○○-○○A	F53	Boring Bars (Dynamic Bar)
SOO□- SDZC%○	F57	Boring Bars (General Purpose)
SOO□- SDZC%○○-○○A	F55	Boring Bars (Dynamic Bar)
SOO□- SINR-○	J22	Toolholder (Threading)
SOO□- SSKPROO-○○	F78	Boring Bars
SOO□- STLB%○.○AE	F61	Boring Bars (Dynamic Bar)
SOO□- STLB%○○-○○A	F61	Boring Bars (Dynamic Bar)

Part Number	Page	Description
SOO□- STLB%○○-○○AE	F61	Boring Bars (Dynamic Bar)
SOO○□- STLBROO-○○○EZP	F28	Boring Bars (EZ Bar PLUS)
SOO□- STLC%○○-○○A	F59	Boring Bars (Dynamic Bar)
SOO□- STLP%○○-○○A	F61	Boring Bars (Dynamic Bar)
SOO○□- STLPROO-○○○EZP	F28	Boring Bars (EZ Bar PLUS)
SOO□- STUB%○.○	F63	Boring Bars (General Purpose)
SOO□- STUP%○.○(○)	F63	Boring Bars (General Purpose)
SOO(○)□- STWL15	G94	Toolholder (for Twin Bars)
SOO□- STWP%○	F64, J37	Toolholder (Boring / Threading)
SOO□- STWP%○○-○○	F64, J37	Toolholder (Boring / Threading)
SOO□- STWP%○○-○○E	F64, J37	Toolholder (Boring / Threading)
SOO(○)□- STWR15	F42	Toolholder (for Twin Bars)
SOO□- SVJB%○	F72	Boring Bars (General Purpose)
SOO□- SVJB%○E	F72	Boring Bars (General Purpose)
SOO□- SVJB%○○-○○A	F66	Boring Bars (Dynamic Bar)
SOO□- SVJC%○○-○○A	F66	Boring Bars (Dynamic Bar)
SOO□- SVJP%○○-○○A	F66	Boring Bars (Dynamic Bar)
SOO(□)- SVNR12	F39	Toolholder (for Swiss IQ Bars / Discontinued Description)
SOO□- SVNR12N	F39	Toolholder (for Swiss IQ Bars)
SOO(○)□- SVNR12SN	F39	Toolholder (for Swiss IQ Bars)
SOO(○)□- SVNR12SXN	F41	Toolholder (for Swiss IQ Bars)
SOO□- SVNR12XN	F41	Toolholder (for Swiss IQ Bars)
SOO□- SVPB%○○-○○A	F68	Boring Bars (Dynamic Bar)
SOO□- SVPB%○E	F72	Boring Bars (General Purpose)
SOO□- SVPC%○.○E	F72	Boring Bars (General Purpose)
SOO□- SVPC%○○-○○A	F68	Boring Bars (Dynamic Bar)
SOO(○)□- SVUBLOO	E43	Sleeve Holder (Turning)
SOO□- SVUB%○○-○○A	F71	Boring Bars (Dynamic Bar)
SOO□- SVUB%○E	F73	Boring Bars (General Purpose)
SOO(○)□- SVUCLOO	E43	Sleeve Holder (Turning)
SOO□- SVUC%○.○E	F73	Boring Bars (General Purpose)
SOO□- SVUC%○○-○○A	F71	Boring Bars (Dynamic Bar)
SOO□- SVZB%○E	F73	Boring Bars (General Purpose)
SOO□- SVZB%○○-○○A	F71	Boring Bars (Dynamic Bar)
SOO□- SVZC%○○-○○A	F71	Boring Bars (Dynamic Bar)
SOO□- SWUB%○.○	F76	Boring Bars (General Purpose)
SOO□- SWUB%○○.○AE	F75	Boring Bars (Dynamic Bar)
SOO□- SWUB%○○-○○A	F75	Boring Bars (Dynamic Bar)
SOO□- SWUB%○○-○○AE	F75	Boring Bars (Dynamic Bar)
SOO○□- SWUBROO-○○○EZP	F29	Boring Bars (EZ Bar PLUS)
SOO□- WWLN%○○-○○E	F96	Boring Bars
SABSR ○(○)-○○□(□)F	E19	Toolholder (Turning)
SABSR ○○○○□(□)-○○F	E19	Toolholder (Turning)
SABWR ○(○)-○○□□F	E20, E21	Toolholder (Turning)
SABWR ○○○○□(□)-○○F	E20, E21	Toolholder (Turning)
SB-1STR	P5	Spare Parts (Screw)
SB-1TR	P5	Spare Parts (Screw)
SB-2TR	P5	Spare Parts (Screw)
SB-3STR	P5	Spare Parts (Screw)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
SB-3TR	P5	Spare Parts (Screw)
SB-3.5TR	P5	Spare Parts (Screw)
SB-4TR	P5	Spare Parts (Screw)
SB-5TR	P5	Spare Parts (Screw)
SB-1635TR	P5	Spare Parts (Screw)
SB-1840TRP	P5	Spare Parts (Screw)
SB-2035TR	P5	Spare Parts (Screw)
SB-2035TRG	P5	Spare Parts (Screw)
SB-2037TRP	P5	Spare Parts (Screw)
SB-2040TR	P5	Spare Parts (Screw)
SB-2040TRG	P5	Spare Parts (Screw)
SB-2041TRP	P5	Spare Parts (Screw)
SB-2042TRG	P5	Spare Parts (Screw)
SB-2045TR	P5	Spare Parts (Screw)
SB-2045TRN	P5	Spare Parts (Screw)
SB-2050TR	P5	Spare Parts (Screw)
SB-2060TR	P5	Spare Parts (Screw)
SB-2080TR	P5	Spare Parts (Screw)
SB-2250TR	P5	Spare Parts (Screw)
SB-2255TR	P5	Spare Parts (Screw)
SB-2260TR	P5	Spare Parts (Screw)
SB-2260TR%	P5	Spare Parts (Screw)
SB-2290TR	P5	Spare Parts (Screw)
SB-2545TR	P5	Spare Parts (Screw)
SB-2555TRG	P5	Spare Parts (Screw)
SB-2555TRP	P5	Spare Parts (Screw)
SB-25100TR	P5	Spare Parts (Screw)
SB-3060TR	P5	Spare Parts (Screw)
SB-3060TRG	P5	Spare Parts (Screw)
SB-3060TRP	P5	Spare Parts (Screw)
SB-3065TRP	P5	Spare Parts (Screw)
SB-3070TRG	P5	Spare Parts (Screw)
SB-3070TR%	P5	Spare Parts (Screw)
SB-3070TRP	P5	Spare Parts (Screw)
SB-3076TRP	P5	Spare Parts (Screw)
SB-3080TR	P5	Spare Parts (Screw)
SB-3573TRP	P6	Spare Parts (Screw)
SB-3580TR	P6	Spare Parts (Screw)
SB-3590TRP	P6	Spare Parts (Screw)
SB-3592TR	P6	Spare Parts (Screw)
SB-4050TRN	P6	Spare Parts (Screw)
SB-4060TR	P6	Spare Parts (Screw)
SB-4065TR	P6	Spare Parts (Screw)
SB-4070TRG	P6	Spare Parts (Screw)
SB-4070TRN	P6	Spare Parts (Screw)
SB-4070TRS	P6	Spare Parts (Screw)
SB-4070TRW	P6	Spare Parts (Screw)
SB-4075TRP	P6	Spare Parts (Screw)
SB-4082TPR	P6	Spare Parts (Screw)

Part Number	Page	Description	
SB-4085TR	P6	Spare Parts (Screw)	
SB-4085TRP	P6	Spare Parts (Screw)	
SB-4090TRP	P6	Spare Parts (Screw)	
SB-4090TRPN	P6	Spare Parts (Screw)	
SB-40115TR	P5	Spare Parts (Screw)	
SB-40120TR	P6	Spare Parts (Screw)	
SB-40125TRN	P6	Spare Parts (Screw)	
SB-40140TR	P6	Spare Parts (Screw)	
SB-40140TRN	P6	Spare Parts (Screw)	
SB-45130TR	P6	Spare Parts (Screw)	
SB-4570TRN	P6	Spare Parts (Screw)	
SB-4590TRWN	P6	Spare Parts (Screw)	
SB-5070TR	P5	Spare Parts (Screw)	
SB-5085TR	P6	Spare Parts (Screw)	
SB-5090TR	P5	Spare Parts (Screw)	
SB-50120TR	P5	Spare Parts (Screw)	
SB-50120TRP	P6	Spare Parts (Screw)	
SB-50120TRPH	P6	Spare Parts (Screw)	
SB-50120TRS	P6	Spare Parts (Screw)	
SB-50137K	P6	Spare Parts (Screw)	
SB-50140TR	P6	Spare Parts (Screw)	
SB-50140TRP	P6	Spare Parts (Screw)	
SB-60120TR	P6	Spare Parts (Screw)	
SB-60130TRP	P6	Spare Parts (Screw)	
SB-60200TRP	P6	Spare Parts (Screw)	
SC-30067	P6	Spare Parts (Screw)	
SC-35085	P6	Spare Parts (Screw)	
SC-40100	P6	Spare Parts (Screw)	
SC-50130	P6	Spare Parts (Screw)	
SC-60160	P6	Spare Parts (Screw)	
SC-60210	P6	Spare Parts (Screw)	
SCLC%	○(○)-○□	E25	Toolholder (Turning)
SCLC%	○○○○□-○○	E25	Toolholder (Turning)
SCLC%	○○-○□□FF	E24	Toolholder (Turning)
SCLC%	○○○○□(□)-○○FF	E24	Toolholder (Turning)
SCLCR	○○(○)-OFFJCT	E25	Toolholder (Turning)
SCLCR	○○○○□-○○FFJCT	E25	Toolholder (Turning)
SCLNR	○(○)-○.○□F	E44	Toolholder (for Small Double-Sided Tools)
SCLNR	○○○○□-○○FF	E44	Toolholder (for Small Double-Sided Tools)
SCMT	○○○○HQ	B75	Insert (Turning)
SCMT	○○○○○○-GH-E	K42	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-GH-I	K43	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-GM-E	K42	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-GM-I	K43	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-SM-E	K42	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-SM-I	K43	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-XM-E	K42	Insert (Drilling) DRV MAGIC DRILL
SCMT	○○○○○○-XM-I	K43	Insert (Drilling) DRV MAGIC DRILL
SCR-01	P6	Spare Parts (Screw)	

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
SCR-03	P6	Spare Parts (Screw)
SCR-04	P6	Spare Parts (Screw)
SCR-05	P6	Spare Parts (Screw)
SCR-16	P6	Spare Parts (Screw)
SCR-30	P6	Spare Parts (Screw)
SDCT	○○○○○○□□-□□	M219 Insert (Milling) MSTC
SDCT	○○○○○○□% -□□	M219 Insert (Milling) MSTC
SDET	○○○○○○□□-□□	M219 Insert (Milling) MSTC
SDET	○○○○○○□%□-□□	M219 Insert (Milling) MSTC
SDJC%	○(○)-○□(□)	E27 Toolholder (Turning)
SDJC%	○○○○□-○○	E27 Toolholder (Turning)
SDJCR	○○(○)-○○□-FO	E22 Toolholder (Goose-neck Holder)
SDJCR	○○○○□□-○○-FOO	E22 Toolholder (Goose-neck Holder)
SDJC%	○(○)-○□□FF	E26 Toolholder (Turning)
SDJC%	○○○○□(□)-○○FF	E26 Toolholder (Turning)
SDJCR	○○(○)-○□□FFJCT	E27 Toolholder (Turning)
SDJCR	○○○○□-○○FFJCT	E27 Toolholder (Turning)
SDJCR	○○○○□-○○-FOOJCT	E27 Toolholder (Turning)
SDJCR	○○○○□□-○○FF-Y	E28 Toolholder (Turning)
SDKN	○○AUFN	M12, M30 Insert (Milling)
SDKN	○○○○AUTN	M12 Insert (Milling)
SDKR	○○AUEN-S	M12 Insert (Milling)
SDKW	○○○○AESN	M26 Insert (Milling)
SDKW	○○○○AETN	M26 Insert (Milling)
SDKW	○○(□)○○○○FN	M26, M248 Insert (Milling) MCSE
SDKW	○○(□)○○○○TN	M26, M248 Insert (Milling) MCSE
SDLC%	○(○)-○□□FF	E30 Toolholder (Turning)
SDLC%	○○○○□(□)-○○FF	E30 Toolholder (Turning)
SDLNR	○(○)-○-○□F	E44 Toolholder (for Small Double-Sided Tools)
SDLNR	○○○○□-○○FF	E44 Toolholder (for Small Double-Sided Tools)
SDLP%	○(○)-○□□FF	E32 Toolholder (Turning)
SDLP%	○○○○□(□)-○○FF	E32 Toolholder (Turning)
SDMR	○○AUER-H	M12 Insert (Milling)
SDMT	○○.○○○	M26, M248 Insert (Milling) MCSE
SDMT	○○○○AESR-H	M26 Insert (Milling)
SDMT	○○○(○)(○)(○)E-K	M26, M252 Insert (Milling) METS
SDMT	○○○E-K	M26, M252 Insert (Milling) METS
SDNCN	○(○)-○□(□)	E31 Toolholder (Turning)
SDNCN	○○○○□(□)-○○	E31 Toolholder (Turning)
SDNC%	○-○□□F	E31 Toolholder (Turning)
SDNC%	○○○○□(□)-○○F	E31 Toolholder (Turning)
SDR	-○○○○	K114 Toolholder (Drilling) Stinger Drill (SDR)
SDXC%	○○○○□□-○○	E30 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)

Part Number	Page	Description
SE-40090TR	P6	Spare Parts (Screw)
SE-40100TR	P6	Spare Parts (Screw)
SE-40120TR	P7	Spare Parts (Screw)
SE-50125TR	P7	Spare Parts (Screw)
SEC	○○○	M12 Insert (Milling)
SEEN	○○AFFN	M30 Insert (Milling)
SEEN	○○AFFR-W	M12, M30 Insert (Milling)
SEEN	○○AFTN	M12 Insert (Milling)
SEEN	○○AFTR-W	M12 Insert (Milling)
SEKN	○○AFFN	M12 Insert (Milling)
SEKN	○○AFTN	M12 Insert (Milling)
SEKN	○○EFTR	M12 Insert (Milling)
SEKR	○○AFEN-S	M12 Insert (Milling)
SEKT	○○AFEN-S	M26 Insert (Milling)
SEKW	○○AFTN	M26 Insert (Milling)
SEKW	○○OFN	M26, M248 Insert (Milling) MCSE
SEKW	○○OTN	M26, M248 Insert (Milling) MCSE
SEMT	○○○○	M26, M248 Insert (Milling) MCSE
SFOO(○○)-DRA○○○○M-○(○)	K9, K10, K13, K14, K15	Toolholder (Drilling) DRA MAGIC DRILL
SFOO-	DR○○○○M-○	K32-K34 Toolholder (Drilling) DRC MAGIC DRILL
SF%□-	○○○(○)□	G128, G130, G131 Blade (Face Grooving)
SF22F-	KTGFL16-40P	E50 Sub-Spindle Tools
SF22F-	KTTXL16-40P	E50 Sub-Spindle Tools
SF22F-	SCLCL09-40P	E50 Sub-Spindle Tools
SF22F-	SDUCL11-40P	E50 Sub-Spindle Tools
SF22F-	SVUBL11-40P	E50 Sub-Spindle Tools
SH	○○○○-○○○	F103 Sleeve (for Boring Bar)
SHA	○○○○(○)-○○○	F102, G71 Sleeve (for Small Tools SIGE)
SHC	○○○○-○○	F103 Coolant Sleeve (for Boring Bar)
SHE	○○○○-○○	K96 Adjustable Sleeve (Drilling) for MAGIC DRILL (DRV / DRZ / DRX)
SHEM	○○○○-○○	K97 Adjustable Sleeve (Drilling) for MAGIC DRILL (DRS Mini)
SIGC%	○○○○-EH	G65 Toolholder (Grooving)
SIGC%	○○○○-WH	G65 Toolholder (Grooving)
SIGC%	○○○○-WH-LOO(○)	G65 Toolholder (Grooving)
SIGE%	○○EH	G69 Toolholder (Grooving)
SIGE%	○○○○□-EH	G69 Toolholder (Grooving)
SIGE%	○○○○□-WH	G70 Toolholder (Grooving)
SIGER	○○○○□-WH-90	G71 Toolholder (Grooving / for Small Tools)
SI-GIV%	○○-○○	G75 Toolholder (Grooving)
SIN%	○○○○S-○○	J22 Toolholder (Threading)
SIN%	○○○○S-○○E	J22 Toolholder (Threading)
SJS-	○	F104 Coolant Joint
SL-	○(○-○○)	F103 Sleeve (for Boring Bar)
SLT	○○-○○□□□	M202 Insert (Slot Mill MSTA)
SNCN	○○XNTN	M13 Insert (Milling)
SNG	○○○S○○○○○	B109 Insert (Turning)
SNG	○○○T○○○○○	B109, B110 Insert (Turning)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
SNG	○○○	Insert (Turning)
SNGA	○○○	Insert (Turning)
SNGA	○○○MEF	Insert (Turning)
SNGA	○○○S○○○○○	Insert (Turning)
SNGA	○○○S○○○○○ME	Insert (Turning)
SNGA	○○○S○○○○○MEH	Insert (Turning)
SNGA	○○○S○○○○○MEP	Insert (Turning)
SNGA	○○○S○○○○○MET	Insert (Turning)
SNGA	○○○T○○○○○	Insert (Turning)
SNGA	○○○T○○○○○AA	Insert (Turning)
SNGA	○○○T○○○○○OME	Insert (Turning)
SNGG	○○○%L-25R	Insert (Turning)
SNGG	○○○%L-B/C	Insert (Turning)
SNGX	○○○T○○○○○	Insert (Turning)
SNKN	○○XNTN	Insert (Milling)
SNM	○○○	Insert (Turning / Milling)
SNM	○○○T○○○○○	Insert (Turning)
SNMA	○○○	Insert (Turning)
SNMA	○○○T○○○○○AA	Insert (Turning)
SNMF	○○○○○-21	Insert (Turning)
SNMF	○○XNTN	Insert (Milling)
SNMG	○○○	Insert (Turning)
SNMG	○○○C	Insert (Turning)
SNMG	○○○(○)GC	Insert (Turning)
SNMG	○○○HQ	Insert (Turning)
SNMG	○○○HS	Insert (Turning)
SNMG	○○○KG	Insert (Turning)
SNMG	○○○KH	Insert (Turning)
SNMG	○○○MQ	Insert (Turning)
SNMG	○○○MS	Insert (Turning)
SNMG	○○○MU	Insert (Turning)
SNMG	○○○PG	Insert (Turning)
SNMG	○○○PH	Insert (Turning)
SNMG	○○○PQ	Insert (Turning)
SNMG	○○○PS	Insert (Turning)
SNMG	○○○PT	Insert (Turning)
SNMG	○○○%L-C	Insert (Turning)
SNMG	○○○SG	Insert (Turning)
SNMG	○○○XP	Insert (Turning)
SNMG	○○○XQ	Insert (Turning)
SNMG	○○○XS	Insert (Turning)
SNMG	○○○ZS	Insert (Turning)
SNMM	○○○PX	Insert (Turning)
SNMU	○○○○○EN-GH	Insert (Milling) MFSN
SNMU	○○○○○EN-GM	Insert (Milling) MFSN
SNMU	○○○○○EN-SM	Insert (Milling) MFSN
SOKN	13T3AXFN	Insert (Milling)
SOKN	13T3AXFN-NE	Insert (Milling)
SOKN	13T3AXTN	Insert (Milling)

Part Number	Page	Description
SOKR	13T3AXEN-J	Insert (Milling)
SOMT	○○○○AXEN-J	Insert (Milling)
SOMT	○○○○○○ER-FL	Insert (Milling) MFH
SOMT	○○○○○○ER-GH	Insert (Milling) MFH
SOMT	○○○○○○ER-GM	Insert (Milling) MFH
SOMT	○○○○○○ER-LD	Insert (Milling) MFH
SOMW	○○○○AXFN	Insert (Milling)
SOMW	○○○○AXTN	Insert (Milling)
SP-2D		Spare Parts (Spring)
SP-3D		Spare Parts (Spring)
SP-5		Spare Parts (Spring)
SP-5D		Spare Parts (Spring)
SP-6		Spare Parts (Spring)
SP-8		Spare Parts (Spring)
SP3X4		Spare Parts (Screw)
SP3X6		Spare Parts (Screw)
SP3X8		Spare Parts (Screw)
SP3X10		Spare Parts (Screw)
SP4X9		Spare Parts (Screw)
SP8X35		Spare Parts (Screw)
SP-129		Spare Parts (Shim)
SP-130A		Spare Parts (Shim)
SP-141		Spare Parts (Shim)
SP-141P		Spare Parts (Shim)
SP-143		Spare Parts (Shim)
SP-143P		Spare Parts (Shim)
SP-148		Spare Parts (Shim)
SP-162		Spare Parts (Shim)
SP-210A		Spare Parts (Shim)
SP-219		Spare Parts (Shim)
SP-221		Spare Parts (Shim)
SP-223		Spare Parts (Shim)
SP-230P		Spare Parts (Shim)
SP-341P		Spare Parts (Shim)
SP-342		Spare Parts (Shim)
SP-420A		Spare Parts (Shim)
SP-429		Spare Parts (Shim)
SP-441		Spare Parts (Shim)
SP-441P		Spare Parts (Shim)
SP-443		Spare Parts (Shim)
SP-443P		Spare Parts (Shim)
SP-454		Spare Parts (Shim)
SP-521		Spare Parts (Shim)
SP-521P		Spare Parts (Shim)
SP-523		Spare Parts (Shim)
SP-523P		Spare Parts (Shim)
SP-541		Spare Parts (Shim)
SP-543		Spare Parts (Shim)
SP-826		Spare Parts (Shim)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
SP-829	P12	Spare Parts (Shim)
SP-841	P12	Spare Parts (Shim)
SP-843	P12	Spare Parts (Shim)
SP-849	P12	Spare Parts (Shim)
SP-861	P12	Spare Parts (Shim)
SPCN ○○EDTR	M13	Insert (Milling)
SPCN ○○EETR1	M13	Insert (Milling)
SPCN ○○XPTR	M13	Insert (Milling)
SPCT ○○T○○○□□-□□	M218	Insert (Milling) MSTC
SPCT ○○T○○○□□%-□□	M218	Insert (Milling) MSTC
SPEN ○○EEER	M13	Insert (Milling)
SPEN ○○EESR	M13	Insert (Milling)
SPET ○○T○○○□□%-□□	M218	Insert (Milling) MSTC
SPG ○○○	B75, C29, M13	Insert (Turning / Milling)
SPG ○○○ONE	C29	Insert (Turning / Milling)
SPG ○○○T○○○○○AA	B113	Insert (Turning)
SPG ○○○T○○○○○	B113	Insert (Turning)
SPGH ○○○%	B75	Insert (Turning)
SPGR ○○○%	B75	Insert (Turning)
SPKN ○○EDER	M13	Insert (Milling)
SPKN ○○EDFR	M13	Insert (Milling)
SPKN ○○EDT%	M13	Insert (Milling)
SPKN ○○XETR	M13	Insert (Milling)
SPKN ○○XPFR	M13	Insert (Milling)
SPKN ○○XPTR	M13	Insert (Milling)
SPKR ○○EDER-S	M13	Insert (Milling)
SPM ○○○	B75, M13	Insert (Turning / Milling)
SPMR ○○○	B75	Insert (Turning / Milling)
SPMR ○○○G	B75	Insert (Turning / Milling)
SPMR ○○EDER-H	M13	Insert (Milling)
SPMT ○○○○EDER-NBO	M27, M56	Insert (Milling) MSRS15
SPMT ○○○○EDER-NBOP	M27, M56	Insert (Milling) MSRS15
SPMT ○○○○EDER-V	M27, M56	Insert (Milling) MSRS15
SPMT ○○○○EDS%-NBOT	M27, M56	Insert (Milling) MSRS15
SPMT ○○○○○EN-NBO	M28, M126-M127	Insert (Milling) MSRS90
SPMT ○○○○○EN-NBOP	M28, M126-M127	Insert (Milling) MSRS90
SPMT ○○○○○EN-V	M28, M126-M127	Insert (Milling) MSRS90
SPMT ○○○○○E-Z	M28, M250	Insert (Milling) MEF
SP-RC	P14	Spare Parts (Shim)
SPW-6045	P7	Spare Parts (Screw)
SPW-7050	P7	Spare Parts (Screw)
SRCP% ○○○○B-○○-A○○	F80	Boring Bar (for Bearing Machining)
SS-4N	P7	Spare Parts (Shim Screw)
SS○○(○○)- DRA○○○M-○(,○)	K11, K12, K16, K17	Toolholder (Drilling) DRA MAGIC DRILL
SS○○- DR○○○○M-○	K27-K29	Toolholder (Drilling) DRC MAGIC DRILL
STDER ○○CA○○	N26	Toolholder (Cartridge)
STDPR ○○CA○○	N26	Toolholder (Cartridge)
STEER ○○CA○○	N26	Toolholder (Cartridge)

Part Number	Page	Description
STEPR ○○CA○○	N26	Toolholder (Cartridge)
STFER ○○CA○○	N26	Toolholder (Cartridge)
STFPR ○○CA○○	N26	Toolholder (Cartridge)
STGC% ○-○(,○)□	E33	Toolholder (Turning)
STGC% ○○○○□-○○	E33	Toolholder (Turning)
STGP% ○○○○□-○○	E33	Toolholder (Turning)
STLNR ○(○)-○.○○□F	E45	Toolholder (for Small Double-Sided Tools)
STLNR ○○○○□-○○FF	E45	Toolholder (for Small Double-Sided Tools)
STVP% ○○-○	J23	Toolholder (Threading)
STWL ○○○○□-15	G94	Toolholder (for Twin Bars)
STWR ○○○○□-15	F42	Toolholder (for Twin Bars)
STWSR ○○○○□(□)-15T	F43, G95	Toolholder (for Twin Bars)
SV-60136R	P7	Spare Parts (Screw)
SV-60136TR	P7	Spare Parts (Screw)
SVJB% ○(○)-○○(□)	E34, E35	Toolholder (Turning)
SVJB% ○○○○□-○○	E35	Toolholder (Turning)
SVJB% ○(○)-○○□FF	E34	Toolholder (Turning)
SVJB% ○○○○□□-○○FF	E34	Toolholder (Turning)
SVJB% ○○○○□-○○(N)	E35	Toolholder (Turning)
SVJBR ○○(,○)-OFFJCT	E34	Toolholder (Turning)
SVJBR ○○○○□-○○FFJCT	E34	Toolholder (Turning)
SVJC% ○○○○□(□)-○○FF	E37	Toolholder (Turning)
SVJP% ○(○)-○○□FF	E39	Toolholder (Turning)
SVJP% ○○○○□(□)-○○FF	E39	Toolholder (Turning)
SVJPR ○○○○□-○○FFJCT	E39	Toolholder (Turning)
SVLC% ○○○○□(□)-○○FF	E37	Toolholder (Turning)
SVLP% ○(○)-○(○)□□FF	E39	Toolholder (Turning)
SVLP% ○○○○□(□)-○○FF	E39	Toolholder (Turning)
SVLPR ○○(,○)-○○□-FO	E23	Toolholder (Goose-neck Holder)
SVLPR ○○○○□□-○○-FOO	E23	Toolholder (Goose-neck Holder)
SVNR ○○○○□-12	F38	Toolholder (for Swiss IQ Bars / Discontinued Description)
SVNR ○○○○□-12N	F38	Toolholder (for Swiss IQ Bars)
SVN-32	P14	Spare Parts (Shim)
SVN-32N	P14	Spare Parts (Shim)
SVN-32S	P14	Spare Parts (Shim)
SVNSR ○(○)-12-○○	F38	Toolholder (for Swiss IQ Bars)
SVNSR ○○○○□-12-○○	F38	Toolholder (for Swiss IQ Bars / Discontinued Description)
SVNSR ○○○○□-12-○○N	F38	Toolholder (for Swiss IQ Bars)
SVNSR ○○○○□-12-○○XN	F41	Toolholder (for Swiss IQ Bars)
SVPB% ○○○○□(□)-○○	E35	Toolholder (Turning)
SVPB% ○○○○□-○○N	E35	Toolholder (Turning)
SVPCR ○○○○□(□)-○○FF	E38	Toolholder (Turning)
SVPPR ○(○)-○(○)□□FF	E40	Toolholder (Turning)
SVPPR ○○○○□(□)-○○FF	E40	Toolholder (Turning)
SWBN ○(○)-○○□	E36	Toolholder (Turning)
SWBN ○○○○□(□)-○○	E36	Toolholder (Turning)
SWBN ○○○○□-○○N	E36	Toolholder (Turning)
SWCN ○○○○□□-○○	E38	Toolholder (Turning)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
T		
T63H-○○-○○(○)	N20	Toolholder (HSK Tooling)
T63H-KGBA%□-16	N19	Grooving (HSK Tooling)
T63H-KGBA%□-22-○○	N19	Grooving (HSK Tooling)
T63H-KTNR-○○	N19	Threading (HSK Tooling)
T63H-N○○-○○(○)	N20	Toolholder (HSK Tooling)
T63H-PCLN%□-DX12	N15	Toolholder (HSK Tooling)
T63H-PCMNN-□12	N15	Toolholder (HSK Tooling)
T63H-PDJN%□-DX15	N15	Toolholder (HSK Tooling)
T63H-PDNNN-□15	N16	Toolholder (HSK Tooling)
T63H-PTGN%□-DX16	N16	Toolholder (HSK Tooling)
T63H-PWLN%□-DX08	N17	Toolholder (HSK Tooling)
T63H-S2020R-105T	N14	Toolholder (HSK Tooling)
T63H-S2525-○○(○)F	N14	Toolholder (HSK Tooling)
T63H-S2525%□-○○○	N13	Toolholder (HSK Tooling)
T63H-SVLB%□-DX16N	N18	Toolholder (HSK Tooling)
T63H-SVBN-□16N	N18	Toolholder (HSK Tooling)
T63H-WTENN-□16	N16	Toolholder (HSK Tooling)
T63H-WWMNN-□08	N17	Toolholder (HSK Tooling)
T100H-○○-○○(○)	N20	Toolholder (HSK Tooling)
T100H-N○○-○○(○)	N20	Toolholder (HSK Tooling)
T100H-S2525-○○○F	N14	Toolholder (HSK Tooling)
T100H-S2525R-○○○T	N14	Toolholder (HSK Tooling)
T100H-S2525%□-○○○	N14	Toolholder (HSK Tooling)
TBET-○○○○(○)(○)M%□	B76	Insert (Turning)
TBG-○○○○F	C18	Insert (Turning)
TBG-○○○○(○)T○○○○○AA	B113	Insert (Turning)
TBG-○○○○(○)T○○○○○	C18	Insert (Turning)
TBGT-○○○○○CF	B76	Insert (Turning)
TBGT-○○○○(○)(○)M%□	B76	Insert (Turning)
TBGT-○○○○○M-CF	B76	Insert (Turning)
TBGT-○○○○(○)MFP-PF	B76	Insert (Turning)
TBGT-○○○○○MP-CF	B76	Insert (Turning)
TBGT-○○○○(○)%□	B76	Insert (Turning)
TBGW-○○○○(○)	B76, C26	Insert (Turning)
TBGW-○○○○(○)NE	C26	Insert (Turning)
TBMT-○○○○(○)	C26	Insert (Turning)
TBMT-○○○○(○)DP	B76	Insert (Turning)
TBMT-○○○○(○)NE	C26	Insert (Turning)
TCET-○○○○(○)(○)F%□-USF	B77	Insert (Turning)
TCET-○○○○MF%□-USF	B77	Insert (Turning)
TCG-○○○○(○)	B79	Insert (Turning)
TCG-○○(○)(○)T○○○○○	B113	Insert (Turning)
TCGR-○○○○(○)%□-F	B79	Insert (Turning)
TCGT-○○(○)(○)(○)E%□-U	B78	Insert (Turning)
TCGT-○○○○(○)(○)F%□-U	B78	Insert (Turning)
TCGT-○○(○)(○)(○)ME%□-U	B78	Insert (Turning)
TCGT-○○(○)(○)(○)(○)MF%□-U	B78	Insert (Turning)
TCGT-○○○○(○)%□	B79	Insert (Turning)

Part Number	Page	Description
TCGT-○○○(○)%□-A3	B79	Insert (Turning)
TCGW-○○○(○)(○)(○)	B79, C26	Insert (Turning)
TCGW-○○○(○)NE	C26	Insert (Turning)
TCGW-○○○(○)SE	C26	Insert (Turning)
TCMT-○○○○(○)(○)	C26	Insert (Turning)
TCMT-○○○○○HP	K113, K116	Insert (Drilling) Counterbore
TCMT-○○○○(○)(○)HQ	B77, K116, K117	Insert (Turning/Drilling) Counterbore/Countersink
TCMT-○○○(○)(○)(○)NE	C26	Insert (Turning)
TCMT-○○○(○)SE	C26	Insert (Turning)
TCMX-○○○○(○)WP	B77	Insert (Turning)
TEEN-○○PTFR	M30	Insert (Milling)
TEEN-○○PTFR-NE	M30	Insert (Milling)
TEEN-○○PTTR	M14	Insert (Milling)
TEKN-○○PTFR	M14, M30	Insert (Milling)
TEKN-○○PTFR-NE	M30	Insert (Milling)
TEKN-○○PTTR	M14	Insert (Milling)
TEKR-○○PTFR-S	M14	Insert (Milling)
TEMR-○○PTFR-H	M14	Insert (Milling)
TEMT-○○○○○○-AQ	M28	Insert (Milling)
TGF-○○%□○○○-○○○	C30, G21	Insert (Grooving)
TGF-○○%□○○○N	G21	Insert (Grooving)
TH-4	P20	Spare Parts (Hexagon Wrench / T-shaped Type)
TH8X15	P7	Spare Parts (Screw)
TKN-○(○)	H48	Insert (Cut-Off)
TKN-○(○)-P	H48	Insert (Cut-Off)
TK%□-○(○)	H48	Insert (Cut-Off)
TK%□-○(○)-P	H48	Insert (Cut-Off)
TKF-○○○○○-AGT	C32, E18	Insert (Grooving / Turning)
TKF-○○%□○○○-AS	C32, E18	Insert (Grooving / Turning)
TKF-○○%□○○○-GTP	B101, E13	Insert (Grooving / Turning)
TKF-○○%□○○○-NB(○)	C32, E18, H6, H7	Insert (Grooving / Turning)
TKF-○○%□○○○-NB-○○DR	H6, H7	Insert (Cut-Off)
TKF-○○%□○○○-S	H6, H7	Insert (Cut-Off)
TKF-○○%□○○○-S-○○DR	H6, H7	Insert (Cut-Off)
TKF-○○%□○○○-T	H6, H7	Insert (Cut-Off)
TKF-○○%□○○○-T-○○DR	H6, H7	Insert (Cut-Off)
TKFB-○○○○○○○MR	B100, E13	Insert (Back Turning)
TKFB-○○○○○○○-GQ	B100, E13	Insert (Back Turning)
TKFB-○○○○○○○P-GQ	B100, E13	Insert (Back Turning)
TKFB-○○○○○○○M	B100, E13	Insert (Back Turning)
TKFS-○○%□○○○-S	H19	Insert (Cut-Off)
TKFT-12%□○○○○(○)	J26	Insert (Threading)
TN-32	P14	Spare Parts (Shim)
TN-43	P14	Spare Parts (Shim)
TNEG-○○○(○)%□-SSF	B42	Insert (Turning)
TNG-○○○S○○○○○	B111	Insert (Turning)
TNG-○○○T○○○○○	B111	Insert (Turning)
TNG-○○○T○○○○○AA	B111	Insert (Turning)
TNGA-○○○	B40	Insert (Turning)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
TNGA ○○○MEF	C10	Insert (Turning)
TNGA ○○○ME6	C10	Insert (Turning)
TNGA ○○○S○○○○○	B111	Insert (Turning)
TNGA ○○○(○)S○○○○○ME	C11	Insert (Turning)
TNGA ○○○S○○○○○MEH	C11	Insert (Turning)
TNGA ○○○S○○○○○MEP	C10	Insert (Turning)
TNGA ○○○S○○○○○MET	C11	Insert (Turning)
TNGA ○○○(○)S○○○○○SE	C11	Insert (Turning)
TNGA ○○○S○○○○○SET	C11	Insert (Turning)
TNGA ○○○T○○○○○	B111	Insert (Turning)
TNGA ○○○T○○○○○AA	B111	Insert (Turning)
TNGA ○○○T○○○○○OME	C11	Insert (Turning)
TNGG ○○○AH	B41	Insert (Turning)
TNGG ○○○FP-TK	B39	Insert (Turning)
TNGG ○○○(○)MFP-SK	B38	Insert (Turning)
TNGG ○○○TK	B39	Insert (Turning)
TNGG ○○○(○)%	B43	Insert (Turning)
TNGG ○○○%-25R	B43	Insert (Turning)
TNGG ○○○%-A3	B41	Insert (Turning)
TNGG ○○○(○)%-B	B42	Insert (Turning)
TNGG ○○○(○)%-C	B43	Insert (Turning)
TNGG ○○○(○)%-S	B42	Insert (Turning)
TNGM ○○○S○○○○○BBO	C11	Insert (Turning)
TNGU ○○○(○)MER-U	B52	Insert (Turning)
TNGU ○○○(○)(○)MFR-F	B52	Insert (Turning)
TNGU ○○○(○)(○)MFR-U	B52	Insert (Turning)
TNM ○○○	C19	Insert (Turning)
TNMA ○○○	B40	Insert (Turning)
TNMC ○○NV○○○○○	J23	Insert (Threading)
TNMG ○○○	B37	Insert (Turning)
TNMG ○○○AH	B41	Insert (Turning)
TNMG ○○○C	B40	Insert (Turning)
TNMG ○○○CQ	B36	Insert (Turning)
TNMG ○○○GC	B40	Insert (Turning)
TNMG ○○○(○)GP	B36	Insert (Turning)
TNMG ○○○GS	B36	Insert (Turning)
TNMG ○○○GT	B37	Insert (Turning)
TNMG ○○○HQ	B36	Insert (Turning)
TNMG ○○○HS	B37	Insert (Turning)
TNMG ○○○KG	B40	Insert (Turning)
TNMG ○○○KH	B40	Insert (Turning)
TNMG ○○○KQ	B40	Insert (Turning)
TNMG ○○○MQ	B39	Insert (Turning)
TNMG ○○○MS	B39	Insert (Turning)
TNMG ○○○MU	B39	Insert (Turning)
TNMG ○○○PG	B36	Insert (Turning)
TNMG ○○○PH	B37	Insert (Turning)
TNMG ○○○(○)(○)PP	B36	Insert (Turning)
TNMG ○○○PQ	B36	Insert (Turning)

Part Number	Page	Description
TNMG ○○○PS	B37	Insert (Turning)
TNMG ○○○PT	B37	Insert (Turning)
TNMG ○○○%-C	B43	Insert (Turning)
TNMG ○○○(○)R-LD	B38	Insert (Turning)
TNMG ○○○SG	B39	Insert (Turning)
TNMG ○○○%-ST	B39	Insert (Turning)
TNMG ○○○TK	B39	Insert (Turning)
TNMG ○○○XF	B38	Insert (Turning)
TNMG ○○○XP	B38	Insert (Turning)
TNMG ○○○XQ	B38	Insert (Turning)
TNMG ○○○XS	B38	Insert (Turning)
TNMG ○○○ZS	B40	Insert (Turning)
TNMM ○○○(○)M	C23	Insert (Turning)
TNMM ○○○(○)M-NE	C23	Insert (Turning)
TNMM ○○○(○)M-SE	C23	Insert (Turning)
TNMM ○○○PX	B38	Insert (Turning)
TNMX ○○○WF	B36	Insert (Turning)
TNW-32	P14	Spare Parts (Shim)
TOMT ○○○○○ER-GM	M20, M87	Insert (Milling) MEV
TOMT ○○○○○ER-SM	M20, M87	Insert (Milling) MEV
TP ○○○	B85	Insert (Turning)
TPC 32P4R	M14	Insert (Milling)
TPEH ○○○(○)(○)(○)M%-P	B85	Insert (Turning)
TPET ○○○(○)(○)F%-USF	B86	Insert (Turning)
TPET ○○○(○)(○)MF%-USF	B86	Insert (Turning)
TPET ○○○(○)(○)M%-FSF	B85	Insert (Turning)
TPET ○○○(○)(○)%-FSF	B85	Insert (Turning)
TPG ○○○(○)(○)(○)	B88, C29, M14, M30, M137	Insert (Turning / Milling)
TPG ○○○ONE	C29	Insert (Turning / Milling)
TPG ○○○(○)SE	C29	Insert (Turning / Milling)
TPG ○○○S○○○○○SET	C18	Insert (Turning)
TPG ○○○(○)(○)T○○○○○	B113	Insert (Turning)
TPG ○○○(○)(○)T○○○○○AA	B113	Insert (Turning)
TPG ○○○(○)T○○○○○OME	C18	Insert (Turning)
TPG ○○○(○)T○○○○○OSE	C18	Insert (Turning)
TPGB ○○○(○)(○)(○)	B86, C27, J37	Insert (Turning / Threading)
TPGB ○○○MEF	C16	Insert (Turning)
TPGB ○○○(○)(○)(○)NE	C27	Insert (Turning)
TPGB ○○○(○)(○)(○)SE	C26	Insert (Turning)
TPGB ○○○S○○○○○MES	C16	Insert (Turning)
TPGB ○○○(○)S○○○○○MET	C16	Insert (Turning)
TPGB ○○○(○)(○)(○)S○○○○○SET	C16	Insert (Turning)
TPGB ○○○(○)T○○○○○OME	C16	Insert (Turning)
TPGB ○○○(○)(○)(○)T○○○○○OSE	C16	Insert (Turning)
TPGH ○○○(○)(○)(○)M%	B83	Insert (Turning)
TPGH ○○○(○)M%-H	B84	Insert (Turning)
TPGH ○○○(○)(○)(○)%	B82	Insert (Turning)
TPGH ○○○(○)(○)(○)%-H	B84	Insert (Turning)
TPGR ○○○(○)%-A/B/C	B88	Insert (Turning)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description	
TPGR	○○○○○(○)ℳ- F	B87	Insert (Turning)
TPGT	○○○(○)AP	B86	Insert (Turning)
TPGT	○○○○○○CF	B80	Insert (Turning)
TPGT	○○○○○○M-CF	B80	Insert (Turning)
TPGT	○○○○○(○)MFP-PF	B80	Insert (Turning)
TPGT	○○○○○○MP-CF	B80	Insert (Turning)
TPGW	○○○S○○○○MET	C16	Insert (Turning)
TPGW	○○○T○○○○OME	C16	Insert (Turning)
TPGW	○○○T○○○○OSE	C16	Insert (Turning)
TPK	○○PDR	M14, M137	Insert (Milling) MTP90
TPK	○○PDTR	M14, M137	Insert (Milling) MTP90
TPKR	○○PDR-S	M14, M137	Insert (Milling) MTP90
TPM	○○○	B88, M14, M137	Insert (Turning / Milling)
TPMH	○○○(○)(○)(○)	C27	Insert (Turning)
TPMH	○○○(○)(○)(○)NE	C27	Insert (Turning)
TPMH	○○○(○)(○)(○)SE	C27	Insert (Turning)
TPMR	○○○	B87	Insert (Turning)
TPMR	○○○DP	B87	Insert (Turning)
TPMR	○○○(○)(○)(○)G	B87	Insert (Turning)
TPMR	○○○GP	B87	Insert (Turning)
TPMR	○○○HQ	B87	Insert (Turning)
TPMR	○○PDR-H	M14, M137	Insert (Milling) MTP90
TPMT	○○○(○)APD	C27	Insert (Turning)
TPMT	○○○(○)(○)(○)GP	B81	Insert (Turning)
TPMT	○○○(○)(○)(○)HQ	B81	Insert (Turning)
TPMT	○○○(○)(○)(○)PP	B80	Insert (Turning)
TPMT	○○○(○)(○)XP	B81	Insert (Turning)
TPMT	○○○XQ	B81	Insert (Turning)
TPMX	○○○(○)(○)(○)WP	B80	Insert (Turning)
TPMX	○○○ℳ-WP	B80	Insert (Turning)
TS-3S		P8	Spare Parts (Lock Pin)
TT-15		P20	Spare Parts (Torx Wrench / T-shaped Type)
TT-25		P20	Spare Parts (Torx Wrench / T-shaped Type)
TT-25L		P20	Spare Parts (Torx Wrench / T-shaped Type)
TT-30		P20	Spare Parts (Torx Wrench / T-shaped Type)
TT	43ER○○○M	J30	Insert (Threading)
TT	○○ℳ○○○○	J30, J31	Insert (Threading)
TTC-20		P20	Spare Parts (Torx Wrench / T-shaped Type)
TTC-25		P20	Spare Parts (Torx Wrench / T-shaped Type)
TTP-20		P20	Spare Parts (Torx Plus Wrench / T-shaped Type)
TTW-15		P20	Spare Parts (Torx Wrench / T-shaped Type)
TTX	32R○○○○(○)	J29	Insert (Threading)
TTX	32R○○○○(○)S	J29	Insert (Threading)
TWBR	○○○○○-○○○	F42	Twin Bars (Boring)
TWBTR	○○○○○-○○○	F43	Twin Bars (Boring)
TWFL	○○○	G94	Twin Bars (Face Grooving)

Part Number	Page	Description	
TWFGTR	○○○	G95	Twin Bars (Face Grooving)
U			
V			
VBET	○○○○○(○)Mℳ- F	B90	Insert (Turning)
VBET	○○○○○(○)Mℳ- FSF	B89	Insert (Turning)
VBET	○○○(○)ℳ- FSF	B89	Insert (Turning)
VBET	○○○(○)(○)Mℳ- Y	B90	Insert (Turning)
VBGT	○○○(○)FN- Z	B90	Insert (Turning)
VBGT	○○○○○(○)Mℳ- F	B90	Insert (Turning)
VBGT	○○○(○)(○)Mℳ- Y	B91	Insert (Turning)
VBGT	○○○○ℳ- F	B90	Insert (Turning)
VBGT	○○○(○)ℳ- Y	B91	Insert (Turning)
VBGW	○○○MEF	C17	Insert (Turning)
VBGW	○○○S○○○○OMES	C17	Insert (Turning)
VBGW	○○○(○)S○○○○OMET	C17	Insert (Turning)
VBGW	○○○S○○○○OSET	C17	Insert (Turning)
VBGW	○○○(○)T○○○○OME	C17	Insert (Turning)
VBGW	○○○(○)T○○○○OSE	C17	Insert (Turning)
VBMT	○○○(○)(○)	C28	Insert (Turning)
VBMT	○○○GP	B89	Insert (Turning)
VBMT	○○○HQ	B89	Insert (Turning)
VBMT	○○○(○)NE	C28	Insert (Turning)
VBMT	○○○(○)PP	B89	Insert (Turning)
VBMT	○○○(○)SE	C28	Insert (Turning)
VBMT	○○○(○)VF	B89	Insert (Turning)
VCET	○○○(○)Mℳ- F	B93	Insert (Turning)
VCET	○○○(○)(○)Mℳ- Y	B93	Insert (Turning)
VCGT	○○○	B93	Insert (Turning)
VCGT	○○○AH	B93	Insert (Turning)
VCGT	○○○AP	B93	Insert (Turning)
VCGT	○○○ℳ-A3	B93	Insert (Turning)
VCGT	○○○(○)FN- Z	B93	Insert (Turning)
VCGT	○○○○MFP- GF	B92	Insert (Turning)
VCGT	○○○○MP- CF	B92	Insert (Turning)
VCGT	○○○(○)MFP- SKS	B92	Insert (Turning)
VCGW	○○○○○(○)S○○○○OMET	C17	Insert (Turning)
VCGW	○○○○○S○○○○OSET	C17	Insert (Turning)
VCGW	○○○○○(○)T○○○○OME	C17	Insert (Turning)
VCGW	○○○○○(○)T○○○○OSE	C17	Insert (Turning)
VCMT	○○○○○(○)	C28	Insert (Turning)
VCMT	○○○(○)(○)(○)HQ	B92, M29, M246	Insert (Turning/Milling) / API Insert (Ring Grooving)
VCMT	○○○○○(○)NE	C28	Insert (Turning)
VCMT	○○○(○)(○)(○)PP	B92	Insert (Turning)
VCMT	○○○○○(○)SE	C28	Insert (Turning)
VCMT	○○○○○(○)VF	B92	Insert (Turning)
VNBR	○○○○-○○(○)	F37	Swiss IQ Bars (Boring)
VNBR	○○○○-○○(○)NB	C34, F37	Swiss IQ Bars (Boring)
VNBR	○○○○(○○)-○○(○)S	F36	Swiss IQ Bars (Boring)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
VNBTR ○○○○-○○(○)	F37	Swiss IQ Bars (Boring)
VNBXR ○○○○(○)-○○(○)S	F40	Swiss IQ Bars (Boring)
VNFGR ○○○○-○○	G92	Swiss IQ Bars (Face Grooving)
VNFGR ○○○○-○○NB	C34, G92	Swiss IQ Bars (Face Grooving)
VNGA ○○○	B45	Insert (Turning)
VNGA ○○○MEF	C12	Insert (Turning)
VNGA ○○○ME4	C12	Insert (Turning)
VNGA ○○○S○○○○○	B112	Insert (Turning)
VNGA ○○○(○)S○○○○○ME	C12	Insert (Turning)
VNGA ○○○S○○○○○MEH	C12	Insert (Turning)
VNGA ○○○S○○○○○MEP	C12	Insert (Turning)
VNGA ○○○S○○○○○MET	C12	Insert (Turning)
VNGA ○○○(○)S○○○○○SE	C12	Insert (Turning)
VNGA ○○○S○○○○○SET	C12	Insert (Turning)
VNGA ○○○T○○○○○	B112	Insert (Turning)
VNGA ○○○T○○○○○AA	B112	Insert (Turning)
VNGA ○○○T○○○○○OME	C12	Insert (Turning)
VNGG ○○○MFP-SK	B44	Insert (Turning)
VNGG ○○○MU	B45	Insert (Turning)
VNGG ○○○(○)M-SK	B44	Insert (Turning)
VNGG ○○○(○)%	B45	Insert (Turning)
VNGR ○○○○-○○	G61	Swiss IQ Bars (Grooving)
VNGR ○○○○-○○NB	C34, G61	Swiss IQ Bars (Grooving)
VNMA ○○○T○○○○○AA	B112	Insert (Turning)
VNMG ○○○	B44	Insert (Turning)
VNMG ○○○(○)GP	B44	Insert (Turning)
VNMG ○○○HQ	B44	Insert (Turning)
VNMG ○○○KG	B45	Insert (Turning)
VNMG ○○○KH	B45	Insert (Turning)
VNMG ○○○MQ	B45	Insert (Turning)
VNMG ○○○MS	B45	Insert (Turning)
VNMG ○○○MU	B45	Insert (Turning)
VNMG ○○○(○)PP	B44	Insert (Turning)
VNMG ○○○PQ	B44	Insert (Turning)
VNMG ○○○%VC	B44	Insert (Turning)
VNMG ○○○SG	B45	Insert (Turning)
VNMG ○○○TN-V	B44	Insert (Turning)
VNMG ○○○VF	B44	Insert (Turning)
VNMM ○○○(○)M	C23	Insert (Turning)
VNMM ○○○(○)M-NE	C23	Insert (Turning)
VNMM ○○○(○)M-SE	C23	Insert (Turning)
VNTR ○○○-○○	J36	Swiss IQ Bars (Threading)
VPET ○○○○(○)(○)F%-USF	B96	Insert (Turning)
VPET ○○○○(○)(○)M%-F	B95	Insert (Turning)
VPET ○○○○(○)(○)M%-FSF	B95	Insert (Turning)
VPET ○○○○(○)MF%-J	B96	Insert (Turning)
VPET ○○○○(○)(○)MF%-J	B96	Insert (Turning)
VPET ○○○○(○)(○)MF%-USF	B96	Insert (Turning)
VPET ○○○○(○)(○)%-FSF	B95	Insert (Turning)

Part Number	Page	Description
VPGT ○○○○CF	B94	Insert (Turning)
VPGT ○○○○(○)(○)CK	B94	Insert (Turning)
VPGT ○○○○M-CF	B94	Insert (Turning)
VPGT ○○○○(○)(○)M-CK	B94	Insert (Turning)
VPGT ○○○○MF-GF	B94	Insert (Turning)
VPGT ○○○○MFP-GF	B94	Insert (Turning)
VPGT ○○○○MP-CF	B94	Insert (Turning)
VPGT ○○○○(○)(○)MP-CK	B94	Insert (Turning)
W		
W-6	P20	Spare Parts (Washer)
W6-14	P20	Spare Parts (Washer)
W6X17	P7	Spare Parts (Screw)
W6X18	P7	Spare Parts (Screw)
W6X18N	P7	Spare Parts (Screw)
W6X20	P7	Spare Parts (Screw)
W-8	P20	Spare Parts (Washer)
W8X16	P7	Spare Parts (Screw)
W8X18	P7	Spare Parts (Screw)
W8X21	P7	Spare Parts (Screw)
W10X31	P4, P7	Spare Parts (Screw)
WB-5	P20	Spare Parts (Washer)
WB-6	P20	Spare Parts (Washer)
WB-8	P20	Spare Parts (Washer)
WBET ○○○○(○)(○)M%-F	B97	Insert (Turning)
WBET ○○○○○(○)M%-P	B98	Insert (Turning)
WBGD ○○○○○(○)MFP%-PF	B97	Insert (Turning)
WBGD ○○○○○M%-CF	B97	Insert (Turning)
WBGD ○○○○○MP%-CF	B97	Insert (Turning)
WBGD ○○○○(○)(○)M%-F	B98	Insert (Turning)
WBGD ○○○○(○)(○)%-F	B98	Insert (Turning)
WBGW ○○○○(○)(○)%	B98	Insert (Turning)
WBGW ○○○○(○)(○)S○○○○%-SET	C18	Insert (Turning)
WBGW ○○○○(○)T○○○○%-SE	C18	Insert (Turning)
WBMT ○○○○(○)(○)L	C29	Insert (Turning)
WBMT ○○○○○(○)L-SE	C29	Insert (Turning)
WBMT ○○○○(○)(○)%-DP	B97	Insert (Turning)
WCMX (S)○○○○○(○)-M1(A)	K103	Insert (Drilling) HOLESLOT Drill (DR) / Coremaster Coredrill
WCMX ○○(□)○○○-M1(A)	K103, K109	Insert (Drilling) HOLESLOT Drill (DR) / Coremaster Coredrill
WCS-1N	P16	Spare Parts (Clamp Set)
WCS-8	P16	Spare Parts (Clamp Set)
WDRCO(○)	K35	Spare Parts (Wrench)
WN-1	P21	Spare Parts (Shim Nut)
WNEU ○○○○○○EN-GL	M21	Insert (Milling)
WNGA ○○○MEF	C13	Insert (Turning)
WNGA ○○○S○○○○○OME	C13	Insert (Turning)
WNGA ○○○S○○○○○OMET	C13	Insert (Turning)
WNGA ○○○T○○○○○OME	C13	Insert (Turning)
WNGA ○○○T○○○○○AA	B112	Insert (Turning)

INSERT GRADES	A
TURNING INSERTS	B
GEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
WNGA ○○○○○○○○	B112	Insert (Turning)
WNGG ○○○AH	B49	Insert (Turning)
WNGG ○○○TK	B48	Insert (Turning)
WNGG ○○○%	B49	Insert (Turning)
WNGG ○○○(○)%-S	B49	Insert (Turning)
WNGT ○○○○○○FN-AM	M21, M111	Insert (Milling) MFWN
WNMA ○○○	B49	Insert (Turning)
WNMG ○○○	B47	Insert (Turning)
WNMG ○○○C	B49	Insert (Turning)
WNMG ○○○CJ	B47	Insert (Turning)
WNMG ○○○CQ	B47	Insert (Turning)
WNMG ○○○GC	B49	Insert (Turning)
WNMG ○○○GP	B46	Insert (Turning)
WNMG ○○○GS	B47	Insert (Turning)
WNMG ○○○GT	B47	Insert (Turning)
WNMG ○○○(○)HQ	B46	Insert (Turning)
WNMG ○○○HS	B47	Insert (Turning)
WNMG ○○○HT	B47	Insert (Turning)
WNMG ○○○KG	B49	Insert (Turning)
WNMG ○○○KH	B49	Insert (Turning)
WNMG ○○○KQ	B49	Insert (Turning)
WNMG ○○○MQ	B48	Insert (Turning)
WNMG ○○○MS	B48	Insert (Turning)
WNMG ○○○MU	B48	Insert (Turning)
WNMG ○○○PG	B47	Insert (Turning)
WNMG ○○○PH	B48	Insert (Turning)
WNMG ○○○(○)PP	B46	Insert (Turning)
WNMG ○○○PQ	B46	Insert (Turning)
WNMG ○○○PS	B47	Insert (Turning)
WNMG ○○○PT	B47	Insert (Turning)
WNMG ○○○SG	B48	Insert (Turning)
WNMG ○○○TK	B48	Insert (Turning)
WNMG ○○○WE	B46	Insert (Turning)
WNMG ○○○WF	B46	Insert (Turning)
WNMG ○○○WP	B46	Insert (Turning)
WNMG ○○○WQ	B46	Insert (Turning)
WNMG ○○○XP	B48	Insert (Turning)
WNMG ○○○XQ	B48	Insert (Turning)
WNMG ○○○XS	B48	Insert (Turning)
WNMG ○○○ZS	B49	Insert (Turning)
WNMM ○○○(○)JM	C23	Insert (Turning)
WNMM ○○○(○)JM-NE	C23	Insert (Turning)
WNMM ○○○(○)JM-SE	C23	Insert (Turning)
WNMU ○○○○○○EN-GH	M21, M111, M116	Insert (Milling) MFWN
WNMU ○○○○○○EN-GM	M21, M111, M116	Insert (Milling) MFWN
WNMU ○○○○○○EN-SM	M21, M111, M116	Insert (Milling) MFWN
WP-1S	P8	Spare Parts (Shim Pin)
WP5X11	P8	Spare Parts (Shim Pin)
WP5X15	P8	Spare Parts (Shim Pin)

Part Number	Page	Description
WPGT ○○○(○)M%-Y	B99	Insert (Turning)
WPGT ○○○(○)(○)%-Y	B99	Insert (Turning)
WPGW ○○○(○)(○)	B99	Insert (Turning)
WPMT ○○○○○○	C29	Insert (Turning)
WPMT ○○○(○)GP	B99	Insert (Turning)
WPMT ○○○(○)(○)HQ	B99	Insert (Turning)
WPMT ○○○○○○NE	C29	Insert (Turning)
WPMT ○○○○○○SE	C29	Insert (Turning)
WS-10	D11, G33, H47	Spare Parts (Washer)
WSP-1	P20	Spare Parts (Spacer)
WTENN ○○○○□-○○N	D18	Toolholder (Turning)
WTJN% ○○-○□	D18	Toolholder (Turning)
WTJN% ○○○○□-○○N	D18	Toolholder (Turning)
WTKN% ○○-○□	D18	Toolholder (Turning)
WTKN% ○○○○□-○○N	D18	Toolholder (Turning)
WTN-33	P14	Spare Parts (Shim)
WTN-33-20	P14	Spare Parts (Shim)
WWLN% ○○○○□-○○	D25	Toolholder (Turning)
WWN-42	P14	Spare Parts (Shim)
WWP-42	P14	Spare Parts (Shim)
WWP-42-16	P14	Spare Parts (Shim)
X		
XNS610	P7	Spare Parts (Mounting Screw)
XPMT ○○○○○○	M29, M156, M247	Insert (Milling) EM / CM
XPMT ○○○○○○	M29, M156-M158, M247	Insert (Milling) EM / FM90 / CM
Y		
Z		
ZCMT ○○○○○○	K66	Insert (Drilling) DRZ MAGIC DRILL
ZCMT ○○○○○○SP	K66	Insert (Drilling) DRZ MAGIC DRILL
ZCMT ○○○○○○SU	K66	Insert (Drilling) DRZ MAGIC DRILL
ZXMT ○○○○○○GH	K83	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GH-E	K83	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GM	K83	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GM-E	K83	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GM-I	K83	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○SM	K83	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○SM-E	K83	Insert (Drilling) DRX MAGIC DRILL

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

INSERT GRADES	A
TURNING INSERTS	B
CEN/PCD INSERTS	C
TURNING HOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
DRILLING	K
MILLING	M
QUICK CHANGE TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T