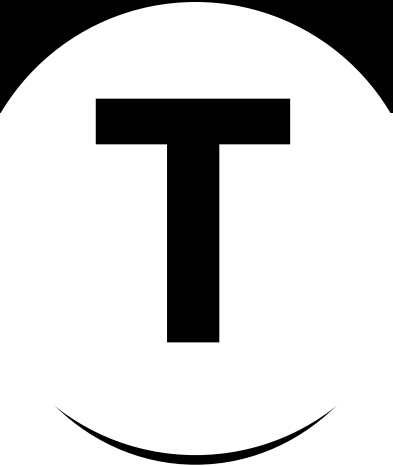


INDEX



T

T2 - T26

Listed in Alphanumeric Order

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
Numeric		
○-○○/○○- (○○○)-SET	M257	Toolholder (API Ring Groover)
○/○(○)- SHCS-CB	K124	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
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)

Part Number	Page	Description
22ER NO○	J16, J18	Insert (Threading)
22ER ○○UN	J8	Insert (Threading)
22ER ○○○ISO	J6	Insert (Threading)
22ER ○○○TR	J18	Insert (Threading)
22IR NO○	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%○	F91	Boring Bars (Double Clamp)
A○○□- DCLN%○○-○○	F91	Boring Bars (Double Clamp)
A○○□- DDUN%○	F94	Boring Bars (Double Clamp)
A○○□- DDUN%○○-○○	F94	Boring Bars (Double Clamp)
A○○□- DSKN%○○-○○	F97	Boring Bars (Double Clamp)
A○○□- DTFN%○○-○○	F98	Boring Bars (Double Clamp)
A○○□- DWLN%○	F101	Boring Bars (Double Clamp)
A○○□- DWLN%○○-○○	F101	Boring Bars (Double Clamp)
A○○□- KKC%-○	G91, J24	Toolholder (Cera-Notch Grooving / Threading)
A○○□- PCLN%○	F92	Boring Bars
A○○□- PCLN%○○-○○	F92	Boring Bars
A○○□- PDUN%○	F83	Boring Bars
A○○□- PDUN%○○-○○	F83	Boring Bars
A○○□- PTUN%○○-○○	F99	Boring Bars
A○○□- PWLN%○○-○○	F100	Boring Bars
A○○□- SCLC%○	F49	Boring Bars (General Purpose)
A○○□- SCLC%○OAE	F46	Boring Bars (Dynamic Bar)
A○○□- SCLC%○○-○○OAE	F46	Boring Bars (Dynamic Bar)
A○○□- SCLC%○E	F49	Boring Bars (General Purpose)
A○○□- SCLP%○(○)OAE	F51	Boring Bars (Dynamic Bar)
A○○□- SCLP%○○-○○OAE	F51	Boring Bars (Dynamic Bar)
A○○□- SCLP%○(○)E	F53	Boring Bars (General Purpose)
A○○□- SDQC%○OAE	F56	Boring Bars (Dynamic Bar)
A○○□- SDQC%○○-○○OAE	F56	Boring Bars (Dynamic Bar)
A○○□- SDUC%○OAE	F55	Boring Bars (Dynamic Bar)
A○○□- SDUC%○○-○○OAE	F55	Boring Bars (Dynamic Bar)
A○○□- SDZC%○○-○○OAE	F57	Boring Bars (Dynamic Bar)
A○○□- STLB%○O.OAE	F63	Boring Bars (Dynamic Bar)
A○○□- STLC%○○-○○OAE	F61	Boring Bars (Dynamic Bar)
A○○□- STLP%○(○)OAE	F63	Boring Bars (Dynamic Bar)
A○○□- STLP%○○-○○OAE	F63	Boring Bars (Dynamic Bar)
A○○□- SVJB%○OAE	F68	Boring Bars (Dynamic Bar)
A○○□- SVJB%○○-○○OAE	F68	Boring Bars (Dynamic Bar)
A○○□- SVJC%○○-○○OAE	F68	Boring Bars (Dynamic Bar)
A○○□- SVJP%○○-○○OAE	F68	Boring Bars (Dynamic Bar)
A○○□- SVPB%○OAE	F70	Boring Bars (Dynamic Bar)
A○○□- SVPB%○○-○○OAE	F70	Boring Bars (Dynamic Bar)
A○○□- SVPC%○O.OAE	F70	Boring Bars (Dynamic Bar)
A○○□- SVPC%○○-○○OAE	F70	Boring Bars (Dynamic Bar)
A○○□- SVUB%○OAE	F73	Boring Bars (Dynamic Bar)
A○○□- SVUB%○○-○○OAE	F73	Boring Bars (Dynamic Bar)
A○○□- SVUC%○O.OAE	F73	Boring Bars (Dynamic Bar)
A○○□- SVUC%○○-○○OAE	F73	Boring Bars (Dynamic Bar)
A○○□- SVZB%○OAE	F73	Boring Bars (Dynamic Bar)
A○○□- SVZB%○○-○○OAE	F73	Boring Bars (Dynamic Bar)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
A00□- SVZC%□.O.AE	F73	Boring Bars (Dynamic Bar)
A00□- SVZC%□.OO.OOAE	F73	Boring Bars (Dynamic Bar)
A00□- SWUB%□.O.AE	F77	Boring Bars (Dynamic Bar)
A00□- SWUB%□.OO.OOAE	F77	Boring Bars (Dynamic Bar)
A00□- SWUP%□.O.AE	F77	Boring Bars (Dynamic Bar)
A00□- SWUP%□.OO.OOAE	F77	Boring Bars (Dynamic Bar)
A00□- SZJB%□.OO.OOAE	F81	Boring Bars (Dynamic Bar)
A00□- SZLB%□.OO.OOAE	F81	Boring Bars (Dynamic Bar)
A00□- SZQB%□.OO.OOAE	F81	Boring Bars (Dynamic Bar)
A00□- SZXB%□.OO.OOAE	F81	Boring Bars (Dynamic Bar)
A00□- SZZB%□.OO.OOAE	F81	Boring Bars (Dynamic Bar)
AABSR ○(○)-○○□(□)F	E19	Toolholder (Back Turning)
AABSR ○○○○□(□)-○○F	E19	Toolholder (Back Turning)
AABWR ○(○)-○○□(□)F	E20, E21	Toolholder (Back Turning)
AABWR ○○○○□(□)-○○F	E20, E21	Toolholder (Back Turning)
ABS ○○R○○○○	B104, E19	Insert (Back Turning)
ABS ○○R○○○○M	B104, E19	Insert (Back Turning)
ABW ○○R○○○○	B104, E20, E21	Insert (Back Turning)
ABW ○○R○○○○M	B104, E20, E21	Insert (Back Turning)
ACL□% ○(○)-○JXFF	E24	Toolholder (Turning)
ACL□% ○○○○JX-○○FF	E24	Toolholder (Turning)
AD○○□	F90	Boring Bars (AD Bar Adaptor)
ADJ□% ○(○)-○JXFF	E27	Toolholder (Turning)
ADJ□% ○○○○JX-○○FF	E27	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)
AJ-12X22	K24	Spare Parts (Adjustment Screw)
AJ-16X30	K24	Spare Parts (Adjustment Screw)
AJ-20X30	K24	Spare Parts (Adjustment Screw)
AJ-22X35	K24	Spare Parts (Adjustment Screw)
APET ○○○○PDFR	M29, M163, M259	Insert (Milling) FM-AL / EM-AL / CM-AL
APET ○○○○○○	M29, M163, M259	Insert (Milling) FM-AL / EM-AL / CM-AL
API-RG-○ BTOO	M257	Body Part (API Ring Groovers)
API-RG-○ CVOO	M257	Body Part (API Ring Groovers)
API-RG-○ DIN-○○○○○	M257	Body Part (API Ring Groovers)
APKT ○○○○(○○)PDER-V	M22, M164	Insert (Milling) MAP
APMT ○○○○○○E% -NBO	M22, M135-M137	Insert (Milling) MSR
APMT ○○○○○○ER-NBOP	M22, M135-M137	Insert (Milling) MSR
ASL ○○○○○-○○○	K104	Adjustable Sleeve (Drilling) for MAGIC DRILL (DRV / DRZ / DRX)
AVJB% ○-○JXFF	E36	Toolholder (Turning)
AVJB% ○○○○JX-11FF	E36	Toolholder (Turning)
B		
BB-G1/8	D11, D31, G37, H54	Piping Banjo Bolt
BB-M10X1.5	D11, D31, G37, H54	Piping Banjo Bolt
BCS -○	P15	Spare Parts (Clamp Set)
BDGT ○○T○○○FR	M30	Insert (Milling)
BDGT ○○(□)○○○(○)FR-JA	M22, M72-M77	Insert (Milling) MEC
BDGT ○○T○○○FR-LE	M30	Insert (Milling)
BDMT ○○(□)○○○(○)ER-JS	M22, M72-M77, M84-M85, M109	Insert (Milling) MEC / MECX / MECHT
BDMT ○○(□)○○○(○)ER-JT	M22, M23, M72-M77, M84-M85,	Insert (Milling) MEC / MECX
BDMT ○○(□)○○○(○)ER-NO	M23, M100-M103	Insert (Milling) MECH

Part Number	Page	Description
BDMT ○○(□)○○○(○)FR	M30	Insert (Milling)
BGIAR ○○-○	G88	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- M○○-○○	M92, M171	Arbor Attachment
BT40K- M○○-○○	M92, M171	Arbor Attachment
BX ○○○-SET	M257	Cartridge Set (API Ring Groover)
BX ○○○-R-SET	M257	Cartridge Set (API Ring Groover)
C		
○○○□- SCLC%□(○.○)	F49	Boring Bars (General Purpose)
○○○□- SCLC%□.OO-○○AN	F47	Boring Bars (Dynamic Bar)
○○○○□- SCLCROO-○○○EZP	F29	Boring Bars (EZ Bar PLUS)
○○○□- SCLP%□(○.○)	F53	Boring Bars (General Purpose)
○○○□- SJLC%□.OO-○○○	F60	Boring Bars
○○○□- SJZC%□.OO-○○○	F60	Boring Bars
○○○□- STLB%□.OO-○○A	F63	Boring Bars (Dynamic Bar)
○○○□- STLB%□.OO-○○AN	F63	Boring Bars (Dynamic Bar)
○○○○□- STLBROO-○○○EZP	F30	Boring Bars (EZ Bar PLUS)
○○○○□- STLPROO-○○○EZP	F30	Boring Bars (EZ Bar PLUS)
○○○□- STXB%□.OO-○○○	F67	Boring Bars
○○○□- STXP%□.OO-○○	F67	Boring Bars
○○○□- STZB%□.OO-○○○	F67	Boring Bars
○○○○(○)□- SWUB%□.○.○	F79	Boring Bars (General Purpose)
○○○□- SWUB%□.OO-○○AN	F77	Boring Bars (Dynamic Bar)
○○○○□- SWUBROO-○○○EZP	F31	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)
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% ○○○○□-○○	D44	Toolholder (Turning)
CBSN% ○○○○B-12-A20	F86	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 ○○○○○F% -USF	B57	Insert (Turning)
CCET ○○○○(○)(○)MF% -J	B59	Insert (Turning)
CCET ○○○○(○)(○)MF% -U	B57	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
CCET ○○○○(○)MF%-USF	B57	Insert (Turning)
CCET ○○○○(○)(○)M%-F	B56	Insert (Turning)
CCET ○○○○(○)(○)M%-FSF	B55	Insert (Turning)
CCET ○○○○(○)M%-P	B57	Insert (Turning)
CCET ○○○○(○)M%-FSF	B55	Insert (Turning)
CCGT ○○○○(○)	B54	Insert (Turning)
CCGT ○○○○AH	B60	Insert (Turning)
CCGT ○○○○(○)AP	B60	Insert (Turning)
CCGT ○○○○(○)E%-U	B59	Insert (Turning)
CCGT ○○○○F%-L-U	B58	Insert (Turning)
CCGT ○○○○(○)M	B54	Insert (Turning)
CCGT ○○○○(○)M-CF	B53	Insert (Turning)
CCGT ○○○○(○)ME%-U	B59	Insert (Turning)
CCGT ○○○○(○)(○)MF	B55	Insert (Turning)
CCGT ○○○○(○)MF-GF	B53	Insert (Turning)
CCGT ○○○○(○)MF-GQ	B53	Insert (Turning)
CCGT ○○○○(○)MFP-GF	B53	Insert (Turning)
CCGT ○○○○(○)MFP-GQ	B54	Insert (Turning)
CCGT ○○○○(○)(○)MFP-PF	B53	Insert (Turning)
CCGT ○○○○(○)MFP-SK	B53	Insert (Turning)
CCGT ○○○○(○)(○)MFP-SKS	B53	Insert (Turning)
CCGT ○○○○(○)(○)MF%-U	B58	Insert (Turning)
CCGT ○○○○(○)MP-CF	B53	Insert (Turning)
CCGT ○○○○(○)MP-CK	B53	Insert (Turning)
CCGT ○○○○(○)(○)M%-F	B56	Insert (Turning)
CCGT ○○○○(○)(○)A3	B60	Insert (Turning)
CCGT ○○○○(○)(○)F	B56	Insert (Turning)
CCGW ○○○○(○)(○)	B60, C24	Insert (Turning)
CCGW ○○○○(○)(○)NE	C24	Insert (Turning)
CCGW ○○○○(○)(○)SE	C24	Insert (Turning)
CCLN% ○○○○□-○○	D32	Toolholder (Turning)
CCLN% ○○○○□-○○A	D38	Toolholder (Turning)
CCMT ○○○○(○)	B54, C24	Insert (Turning)
CCMT ○○○○(○)APD	C24	Insert (Turning)
CCMT ○○○○(○)GK	B54	Insert (Turning)
CCMT ○○○○(○)HQ	B54	Insert (Turning)
CCMT ○○○○MQ	B55	Insert (Turning)
CCMT ○○○○(○)NE	C24	Insert (Turning)
CCMT ○○○○(○)PP	B54	Insert (Turning)
CCMT ○○○○(○)SE	C24	Insert (Turning)
CCMT ○○○○(○)WP	B54	Insert (Turning)
CCMW ○○○○MEF	C14	Insert (Turning)
CCMW ○○○○S○○○○○MES	C14	Insert (Turning)
CCMW ○○○○(○)(○)S○○○○○SET	C14	Insert (Turning)
CCMW ○○○○(○)T○○○○○OME	C14	Insert (Turning)
CCMW ○○○○(○)(○)T○○○○○OSE	C14	Insert (Turning)
CCMW ○○○○S○○○○○OMET	C14	Insert (Turning)
CCN-5	H54	Coolant Piping
CCRN% ○○○○□-○○A	D38	Toolholder (Turning)
CD -○○○○(-C)	K118	Toolholder (Drilling) Coremaster Coredrill (CD)
CD -○○○○-LC	K119	Toolholder (Drilling) Coremaster Coredrill (CD-LC)
CD -○○○○-XL	K119	Toolholder (Drilling) Coremaster Coredrill (CD-XL)
CDJN% ○○○○□-○○	D33	Toolholder (Turning)
CE-010	P15	Spare Parts (Clamp Set)

Part Number	Page	Description
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% ○○○○□-○○	D33	Toolholder (Turning)
CEM ○○○○-OW(-7.5)	M165	End Mill (CEM)
CGA-3%L	P17	Spare Parts (Clamp)
CGA-4%L	P17	Spare Parts (Clamp)
CGA-5%L	P17	Spare Parts (Clamp)
CGB%L	P17	Spare Parts (Clamp)
CGH-1%L	P17	Spare Parts (Clamp)
CGH-2%L	P17	Spare Parts (Clamp)
CGH-3%L	P17	Spare Parts (Clamp)
CGIA-3R	P17	Spare Parts (Clamp)
CGIA-4R	P17	Spare Parts (Clamp)
CGIA-5R	P17	Spare Parts (Clamp)
CH0503-45	K69	Insert (Drilling) DRV MAGIC DRILL
CH-20R	P17	Spare Parts (Clamp)
CIN%L ○○○○S-○○	J22	Toolholder (Threading)
CL63-1	P21	Spare Parts (Coolant Pipe)
CL100-1	P21	Spare Parts (Coolant Pipe)
CM ○○○○-○○(.○)	M259	End Mill (Chamfering)
CM ○○○○-○○-○○	M259	End Mill (Chamfering)
CM ○○○○-○○-AL	M259	End Mill (Chamfering)
CNGA ○○○	B21	Insert (Turning)
CNGA ○○○MEF	C6	Insert (Turning)
CNGA ○○○ME4	C6	Insert (Turning)
CNGA ○○○S○○○○○	B108	Insert (Turning)
CNGA ○○○(○)S○○○○○OME	C6	Insert (Turning)
CNGA ○○○S○○○○○OMEH	C6	Insert (Turning)
CNGA ○○○S○○○○○OMEP	C6	Insert (Turning)
CNGA ○○○S○○○○○OMET	C6	Insert (Turning)
CNGA ○○○S○○○○○OMEW	C6	Insert (Turning)
CNGA ○○○S○○○○○OSE	C7	Insert (Turning)
CNGA ○○○S○○○○○OSET	C7	Insert (Turning)
CNGA ○○○T○○○○○	B108	Insert (Turning)
CNGA ○○○T○○○○○OAA	B108	Insert (Turning)
CNGA ○○○T○○○○○OME	C6	Insert (Turning)
CNGG ○○○AH	B22	Insert (Turning)
CNGG ○○○FP-TK	B19	Insert (Turning)
CNGG ○○○HQ	B16	Insert (Turning)
CNGG ○○○(○)MFP-SK	B19	Insert (Turning)
CNGG ○○○(○)MU	B20	Insert (Turning)
CNGG ○○○%L	B22	Insert (Turning)
CNGG ○○○F%L	B22	Insert (Turning)
CNGG ○○○%L-25R	B22	Insert (Turning)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
CNGG ○○○%L-A3	B22	Insert (Turning)
CNGG ○○○(○)%L-S	B22	Insert (Turning)
CNGG ○○○TK	B19	Insert (Turning)
CNGG ○○○Z	B22	Insert (Turning)
CNGM ○○○ME-HD	C7	Insert (Turning)
CNGM ○○○ME-HH	C7	Insert (Turning)
CNGM ○○○ME-HL	C7	Insert (Turning)
CNGM ○○○S○○○○○○BBO	C7	Insert (Turning)
CNG ○○○T○○○○○○AA	B108	Insert (Turning)
CNG ○○○T○○○○○○	B108	Insert (Turning)
CNGU ○○○○(○)MER-U	B50	Insert (Turning)
CNGU ○○○○(○)(○)MFR-F	B50	Insert (Turning)
CNGU ○○○○(○)(○)MFR-U	B50	Insert (Turning)
CNGU ○○○○○MF-SK	B50	Insert (Turning)
CNGU ○○○○○MFP-SK	B50	Insert (Turning)
CNGX ○○○T○○○○○○	B108	Insert (Turning)
CNM ○○○	C19	Insert (Turning)
CNM ○○○T○○○○○○	B108	Insert (Turning)
CNMA ○○○	B21	Insert (Turning)
CNMA ○○○T○○○○○○AA	B108	Insert (Turning)
CNMG ○○○	B18	Insert (Turning)
CNMG ○○○AH	B22	Insert (Turning)
CNMG ○○○C	B21	Insert (Turning)
CNMG ○○○CJ	B17	Insert (Turning)
CNMG ○○○OQ	B17	Insert (Turning)
CNMG ○○○GC	B21	Insert (Turning)
CNMG ○○○(○)GP	B16	Insert (Turning)
CNMG ○○○GS	B17	Insert (Turning)
CNMG ○○○GT	B18	Insert (Turning)
CNMG ○○○HQ	B16	Insert (Turning)
CNMG ○○○HS	B17	Insert (Turning)
CNMG ○○○KG	B21	Insert (Turning)
CNMG ○○○KH	B21	Insert (Turning)
CNMG ○○○KQ	B21	Insert (Turning)
CNMG ○○○MQ	B20	Insert (Turning)
CNMG ○○○MS	B20	Insert (Turning)
CNMG ○○○MU	B20	Insert (Turning)
CNMG ○○○PG	B17	Insert (Turning)
CNMG ○○○PH	B18	Insert (Turning)
CNMG ○○○(○)PP	B16	Insert (Turning)
CNMG ○○○PQ	B16	Insert (Turning)
CNMG ○○○PS	B17	Insert (Turning)
CNMG ○○○PT	B18	Insert (Turning)
CNMG ○○○SG	B20	Insert (Turning)
CNMG ○○○SQ	B20	Insert (Turning)
CNMG ○○○TK	B19	Insert (Turning)
CNMG ○○○TN-V	B17	Insert (Turning)
CNMG ○○○WE	B16	Insert (Turning)
CNMG ○○○WF	B16	Insert (Turning)
CNMG ○○○WP	B16	Insert (Turning)
CNMG ○○○WQ	B16	Insert (Turning)
CNMG ○○○XF	B19	Insert (Turning)
CNMG ○○○XP	B19	Insert (Turning)
CNMG ○○○XQ	B19	Insert (Turning)
CNMG ○○○XS	B19	Insert (Turning)

Part Number	Page	Description
CNMG ○○○ZS	B21	Insert (Turning)
CNMM ○○○(○)M	C23	Insert (Turning)
CNMM ○○○(○)M-NE	C23	Insert (Turning)
CNMM ○○○(○)M-SE	C23	Insert (Turning)
CNMM ○○○PX	B19	Insert (Turning)
CNMM ○○○%L-SX	B21	Insert (Turning)
CNMU ○○○○(○)E-GK	B50	Insert (Turning)
CP-2D	P18	Spare Parts (Clamp)
CP-2D-%L-JCT	P18	Spare Parts (Clamp)
CP-3D	P18	Spare Parts (Clamp)
CP-3D-%L-JCT	P18	Spare Parts (Clamp)
CP-4D-%L-JCT	P18	Spare Parts (Clamp)
CP-5D	P18	Spare Parts (Clamp)
CP-5D-JCT	P18	Spare Parts (Clamp)
CP-8TE	P18	Spare Parts (Clamp)
CP-8W	P18	Spare Parts (Clamp)
CP8X15TL	P2	Spare Parts (Screw)
CP8X23TL	P2	Spare Parts (Screw)
CP-CH10	K24	Spare Parts (Clamp)
CP-CH12	K24	Spare Parts (Clamp)
CP-CH14	K24	Spare Parts (Clamp)
CP-CH16	K24	Spare Parts (Clamp)
CP-CH18	K24	Spare Parts (Clamp)
CP-CH20	K24	Spare Parts (Clamp)
CPGB ○○○S○○○○○○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 ○○○(○)(○)%L-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%L	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%L	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)

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
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	G33, H15, H19	Coolant Coupler
CRDCN ○○-○	D37	Toolholder (Turning)
CRDNN ○○-○□	D37	Toolholder (Turning)
CRDNN ○○○○□-○○	D37	Toolholder (Turning)
CRDNN ○○○○□-○○A	D39	Toolholder (Turning)
CRSN% ○○○○□-○○	D37	Toolholder (Turning)
CRSN% ○○○○□-○○A	D39	Toolholder (Turning)
CS ○○-○○○	K125	Toolholder (Drilling) Countersink (CS)
CS-3D-TR	P2	Spare Parts (Screw)
CSDNN ○○○○□-○○	D35	Toolholder (Turning)
CSDNN ○○○○□-○○A	D41	Toolholder (Turning)
CSKN% ○○○○□-○○	D35	Toolholder (Turning)
CSKNR ○○○○□-○○A	D40	Toolholder (Turning)
CS-N% ○○○○□-○○	D35	Toolholder (Turning)
CSRN% ○○-○□	D35	Toolholder (Turning)
CSRN% ○○○○□-○○	D35	Toolholder (Turning)
CSRN% ○○○○□-○○A	D40	Toolholder (Turning)
CSSN% ○○-○□	D35	Toolholder (Turning)
CSSN% ○○○○□-○○	D35	Toolholder (Turning)
CSSN% ○○○○□-○○A	D41	Toolholder (Turning)
CSYN% ○○○○□-○○	D35	Toolholder (Turning)
CTOOT○ -45A	K39	Chamfer Insert (Drilling) DRC MAGIC DRILL
CTOOT○ -45DA	K23	Chamfer Insert (Drilling) DRA MAGIC DRILL
CTDPR ○○CA○○	N25	Toolholder (Cartridge)
CTEPR ○○CA○○	N25	Toolholder (Cartridge)
CTFPR ○○CA○○	N25	Toolholder (Cartridge)
CTJN% ○○-○□	D36	Toolholder (Turning)
CTJN% ○○○○□-○○	D36	Toolholder (Turning)
CTJN% ○○○○□-○○A	D42	Toolholder (Turning)
CTUN% ○○○○□-○○	D36	Toolholder (Turning)
D		
DA ○○○○M-FTP	K11	Insert (Drilling)
DA ○○○○M-GM	K8, K9	Insert (Drilling)
DA ○○○○M-HQP	K7	Insert (Drilling)
DA ○○○○M-KM	K10	Insert (Drilling)
DB ○○○R○○	G59	Insert (Grooving)
DB ○○○□(□□)T00420	G59	Insert (Grooving)
DC ○-○.○○	M269	End Mill (DC Dovetail)
DC ○○○○M-SC	K32-K34	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 ○○○○FR-U	B68	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)

Part Number	Page	Description
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)
DCGT ○○○○(○)F% -J	B70	Insert (Turning)
DCGT ○○○○F% -U	B68	Insert (Turning)
DCGT ○○○○(○)FN-Z	B64	Insert (Turning)
DCGT ○○○○(○)M	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 ○○○○OMP-CF	B62	Insert (Turning)
DCGT ○○○○OMP-CK	B63	Insert (Turning)
DCGT ○○○○(○)M% -F	B67	Insert (Turning)
DCGT ○○○○(○)% -A3	B71	Insert (Turning)
DCGT ○○○○(○)% -F	B67	Insert (Turning)
DCGT ○○○○(○)% -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 ○○○○(○)	B64, C25	Insert (Turning/Milling)
DCMT ○○○○(○)APD	C25	Insert (Turning)
DCMT ○○○○CQ	M29, M258	Insert (Milling) / API Insert (Ring Grooving)
DCMT ○○○○(○)GK	B64	Insert (Turning)
DCMT ○○○○(○)GP	B63	Insert (Turning)
DCMT ○○○○(○)HQ	B64, M29, M258, M269	Insert (Turning/Milling) / API Insert (Ring Grooving)
DCMT ○○○○(○)MQ	B65	Insert (Turning)
DCMT ○○○○(○)NE	C25	Insert (Turning)
DCMT ○○○○(○)PP	B63	Insert (Turning)
DCMT ○○○○(○)% -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○○○○MES	C15	Insert (Turning)
DCMW ○○○○(○)S○○○○MET	C15	Insert (Turning)
DCMW ○○○○S○○○○○SET	C15	Insert (Turning)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
DCMW ○○○(○)TOOOOOME	C15	Insert (Turning)
DCMW ○○○(○)TOOOOOSE	C15	Insert (Turning)
DCMX ○○○(○)WP	B63	Insert (Turning)
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% ○○○□-○○JCT	D12	Toolholder (Turning)
DDHN% ○○○□-○○○○	D12	Toolholder (Turning)
DMC ○○○	M142	End Mill (DMC)
DMC ○○○H	M144	End Mill (DMC-H)
DMC ○○○SX	M143	End Mill (DMC-SX)
DMC ○○○SXT	M143	End Mill (DMC-SX)
DMC ○○○SX-○○○	M143	End Mill (DMC-SX)
DMC ○○○-S○○	M142	End Mill (DMC)
DN10	P21	Spare Parts (Nozzle)
DN20	P21	Spare Parts (Nozzle)
DNG ○○○S○○○○○	B109	Insert (Turning)
DNG ○○○T○○○○○	B109	Insert (Turning)
DNG ○○○T○○○○○AA	B109	Insert (Turning)
DNGA ○○○MEF	C8	Insert (Turning)
DNGA ○○○ME4	C8	Insert (Turning)
DNGA ○○○S○○○○○	B109	Insert (Turning)
DNGA ○○○(○)S○○○○○OME	C8	Insert (Turning)
DNGA ○○○S○○○○○OMEH	C8	Insert (Turning)
DNGA ○○○S○○○○○OMEP	C8	Insert (Turning)
DNGA ○○○S○○○○○OMET	C8	Insert (Turning)
DNGA ○○○(○)S○○○○○OSE	C9	Insert (Turning)
DNGA ○○○T○○○○○	B109	Insert (Turning)
DNGA ○○○T○○○○○AA	B109	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 ○○○%L	B30	Insert (Turning)
DNGG ○○○%L-A3	B30	Insert (Turning)
DNGG ○○○(○)%L-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○○○○○	B109	Insert (Turning)
DNMA ○○○	B30	Insert (Turning)
DNMG ○○○	B26	Insert (Turning)
DNMG ○○○AH	B30	Insert (Turning)

Part Number	Page	Description
DNMG ○○○○	B29	Insert (Turning)
DNMG ○○○○J	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%L-USF	B72	Insert (Turning)
DPET ○○○○OMF%L-USF	B72	Insert (Turning)
DPET ○○○○OM%L-FSF	B72	Insert (Turning)
DPET ○○○○%L-FSF	B72	Insert (Turning)
DR ○○-○○(□)	M213	Spare Parts (Drive-Ring)
DR ○○○○-○○○○(□)	M212	Spare Parts (Drive-Ring)
DR -○○○○	K111-K115	Toolholder (Drilling) HOLESLOT Drill (DR)
DR -○○○○-X1	K114-K115	Toolholder (Drilling) HOLESLOT Drill (DR)
DR -○○○○-X3N	K111-K115	Toolholder (Drilling) HOLESLOT Drill (DR)
DS ○○○	K74	Insert (Drilling) DRS MAGIC DRILL
DRV -CHOO	K68	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)

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
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% □□□□□-□□	D16	Toolholder (Turning)
DTGN% □□□□□-□□JCT	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% □□-□□	D20	Toolholder (Turning)
DVLN% □□□□□-□□	D20	Toolholder (Turning)
DVLN% □□□□□-□□JCT	D21	Toolholder (Turning)
DVPN% □□-□□	D20	Toolholder (Turning)
DVPN% □□□□□-□□	D20	Toolholder (Turning)
DVPN% □□□□□-□□JCT	D21	Toolholder (Turning)
DW-42	P9	Spare Parts (Shim)
DW-44	P9	Spare Parts (Shim)
DWLN% □□-□□	D26	Toolholder (Turning)
DWLN% □□□□□-□□	D26	Toolholder (Turning)
DWLN% □□-□□JCT	D26	Toolholder (Turning)
DWLN% □□□□□-□□JCT	D26	Toolholder (Turning)
DWNN □□-□□	D20	Toolholder (Turning)
DWNN □□□□□-□□	D20	Toolholder (Turning)
DWNN □□□□□-□□JCT	D21	Toolholder (Turning)
E		
E□□□- SCLC%□□□□	F47	Boring Bars (Dynamic Bar)
E□□□- SCLC%□□□□-□/□	F47	Boring Bars (Dynamic Bar)
E□□□- SCLC%□□□□-□□□□	F47	Boring Bars (Dynamic Bar)
E□□□- SCLC%□□□□-□□□□-□/□	F47	Boring Bars (Dynamic Bar)
E□□□- SCLC%□□□□-□□□□	F47	Boring Bars (Dynamic Bar)
E□□□- SCLC%□□□□-□□□□-□/□	F47	Boring Bars (Dynamic Bar)
E□□□- SCLP%□□□□-□□□□	F51	Boring Bars (Dynamic Bar)
E□□□- SCLP%□□□□-□□□□-□/□	F51	Boring Bars (Dynamic Bar)

Part Number	Page	Description
E□□□- SCLP%□□□□-□□□□	F51	Boring Bars (Dynamic Bar)
E□□□- SCLP%□□□□-□□□□-□/□	F51	Boring Bars (Dynamic Bar)
E□□□- SDQC%□□□□	F56	Boring Bars (Dynamic Bar)
E□□□- SDQC%□□□□-□/□	F56	Boring Bars (Dynamic Bar)
E□□□- SDQC%□□□□-□□□□	F56	Boring Bars (Dynamic Bar)
E□□□- SDQC%□□□□-□□□□-□/□	F56	Boring Bars (Dynamic Bar)
E□□□- SDUC%□□□□	F55	Boring Bars (Dynamic Bar)
E□□□- SDUC%□□□□-□/□	F55	Boring Bars (Dynamic Bar)
E□□□- SDUC%□□□□-□□□□	F55	Boring Bars (Dynamic Bar)
E□□□- SDUC%□□□□-□□□□-□/□	F55	Boring Bars (Dynamic Bar)
E□□□- SDZC%□□□□-□□□□	F57	Boring Bars (Dynamic Bar)
E□□□- STLP%□□□□-□□□□	F63	Boring Bars (Dynamic Bar)
E□□□- STLP%□□□□-□□□□-□/□	F63	Boring Bars (Dynamic Bar)
E□□□- STLP%□□□□-□□□□	F63	Boring Bars (Dynamic Bar)
E□□□- STLP%□□□□-□□□□-□/□	F63	Boring Bars (Dynamic Bar)
E□□□- SVPB%□□□□-□□□□	F70	Boring Bars (Dynamic Bar)
E□□□- SVPC%□□□□-□□□□	F70	Boring Bars (Dynamic Bar)
E□□□- SVUB%□□□□-□□□□	F73	Boring Bars (Dynamic Bar)
E□□□- SVUC%□□□□-□□□□	F73	Boring Bars (Dynamic Bar)
E□□□- SWUB%□□□□-□□□□	F77	Boring Bars (Dynamic Bar)
E□□□- SWUB%□□□□-□□□□-□/□	F77	Boring Bars (Dynamic Bar)
E□□□- SWUP%□□□□-□□□□	F77	Boring Bars (Dynamic Bar)
E□□□- SWUP%□□□□-□□□□-□/□	F77	Boring Bars (Dynamic Bar)
EGT 16-1	G58	Toolholder (External Grooving)
EM □□□□	M160	End Mill
EM □□□□-□□	M160	End Mill
EM □□□□-□□-3F	M160	End Mill
EM □□□□-□□□□	M160	End Mill
EM □□□□-□.□	M160	End Mill (Extended Length)
EM □□□□-AL	M163	End Mill (for Aluminum Machining)
EM □□□□-□.□□(□)-AL	M163	End Mill (for Aluminum Machining)
EM □□□□-3F	M156	End Mill
EM □□□□-□□□□-LE	M161	End Mill (Long Edge)
ENG □□□□□□□□	B109	Insert (Turning)
ENG □□□□□□□□□□	B109	Insert (Turning)
ENET □□□□□□□□-□	M150	Insert (Milling) MFAH
EZBCR □□□□□□-□□□□-□□	F26	EZ Bars (Chamfering)
EZBFR □□□□□□-□□□□	F22	EZ Bars (Boring)
EZBPR □□□□□□-□□□□(-□□)	F25	EZ Bars (Internal Profiling)
EZBR □□□□□□-□□□□NB	C21, C33, F21	EZ Bars (Boring)
EZB% □□□□□□HP-□□□□F	F18	EZ Bars (Boring)
EZB% □□□□□□HP-□□□□H	F18	EZ Bars (Boring)
EZBR □□□□□□HP-□□□□H-LT	F19	EZ Bars (Boring)
EZBR □□□□□□OST-□□□□F	F20	EZ Bars (Boring)
EZBR □□□□□□OST-□□□□H	F20	EZ Bars (Boring)
EZBTR □□□□□□-□□□□	F23	EZ Bars (Back Boring)
EZFG% □□□□□□-□□□□	G96	EZ Bars (Internal Face Grooving)
EZG% □□□□□□-□□□□	G63	EZ Bars (Internal Grooving)
EZG% □□□□□□-□□□□□	G63	EZ Bars (Internal Grooving)
EZH □□□□□□(□)CT-□□□□	F32-F33, F106, G64, G97, J33	Sleeve
EZH □□□□□□(□)HP-□□□□	F34-F35, F106, G64, G97, J33	Sleeve
EZH □□□□□□(□)ST-□□□□	F36-F37, F106, G64, G97, J33	Sleeve
EZTR □□□□□□-□□□□□□	J32	EZ Bars (Internal Threading)
EZVBR □□□□□□-□□□□	F23	EZ Bars (Boring / Internal Facing / Internal Profiling)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
F		
FGG% ○○○○-○○	G49	Insert (Grooving)
FH-2	P19	Spare Parts (Hexagon Wrench / Flag Type)
FH-2.5	P19	Spare Parts (Hexagon Wrench / Flag Type)
FM ○○○○-90RH	M162	Face Mill (Fixed Pocket)
FM ○○○○-90AL-(125)	M163	Face Mill (Fixed Pocket)
FM AL-○○○○-90-○	M163	Face Mill (Fixed Pocket)
FMM ○○-○○	G141	Insert (Grooving)
FMN ○	G141	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 ○	G143	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 ○○	G57	Insert (Grooving)
GBA ○○%○○○MYN	G7	Insert (Grooving)
GBA ○○%○○○ON	G6	Insert (Grooving)
GBA ○○%○○○OR	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 ○○%○○○-○○○OR	G10	Insert (Grooving)
GBA ○○%○○○-○○○RF	G10	Insert (Grooving)
GBF ○○%○○○-○○○	G16	Insert (Grooving)
GBF ○○%○○○-○○○F	G16	Insert (Grooving)
GBF ○○%○○○-○○○GL	G16	Insert (Grooving)
GC ○○%○○○-○○○	G68	Insert (Grooving)
GC ○○R○○○-○○○R	G68	Insert (Grooving)
GDFG ○○○○ON-○○○GS	G103	Insert (Face Grooving)
GDFM ○○○○ON-○○○DM	G103	Insert (Face Grooving)
GDFM ○○○○ON-○○○GH	G103	Insert (Face Grooving)
GDFM ○○○○ON-○○○GM	G103	Insert (Face Grooving)
GDFM ○○○○ON-○○○R-CM	G103	Insert (Face Grooving)
GDFMS ○○○○ON-○○○DM	G103	Insert (Face Grooving)
GDG ○○○○ON-○○○GS	G26, G85	Insert (Grooving)
GDG ○○○○ON-○○○PG	H24	Insert (Cut-Off)
GDG ○○○○%○○○PG-○○○D	H24	Insert (Cut-Off)
GDGS ○○○○ON-○○○NB	C20, C31, G27	Insert (Grooving)
GDM ○○○○ON-○○○GL	G26	Insert (Grooving)
GDM ○○○○ON-○○○GM	G26	Insert (Grooving)
GDM ○○○○ON-○○○GMI	G85	Insert (Grooving)
GDM ○○○○ON-○○○PF	H24	Insert (Cut-Off)
GDM ○○○○ON-○○○PH	G26, H25	Insert (Grooving / Cut-Off)
GDM ○○○○ON-○○○PM	H25	Insert (Cut-Off)

Part Number	Page	Description
GDM ○○○○ON-○○○PQ	H24	Insert (Cut-Off)
GDM ○○○○ON-○○○R-CM	G26, G85	Insert (Grooving)
GDM ○○○○%○○○PF-○○○D	H24	Insert (Cut-Off)
GDM ○○○○%○○○PM-○○○D	H25	Insert (Cut-Off)
GDM ○○○○%○○○PQ-○○○D	H24	Insert (Cut-Off)
GDMS ○○○○ON-○○○GM	G26	Insert (Grooving)
GDMS ○○○○ON-○○○PH	G26, H25	Insert (Grooving / Cut-Off)
GDMS ○○○○ON-○○○PM	H25	Insert (Cut-Off)
GDMS ○○○○%○○○PM-○○○D	H25	Insert (Cut-Off)
GE% ○○○-○○○□	G70, G72	Insert (Grooving)
GER ○○○-○○○□□	G70, G71, G72	Insert (Grooving)
GFV% ○○○○□-○○○(○)□	G132	Toolholder (Face Grooving)
GFVS% ○○-H□	G134	Toolholder (Face Grooving)
GFVS% ○○○○□-H□	G136	Toolholder (Face Grooving)
GFVS% ○○○○□-○○AA	G130	Toolholder (Face Grooving)
GFVS% ○○-○○○(○)□	G135	Toolholder (Face Grooving)
GFVS% ○○○○□-○○○(○)□	G136	Toolholder (Face Grooving)
GFVT% ○○-H□	G134	Toolholder (Face Grooving)
GFVT% ○○○○□-H□	G136	Toolholder (Face Grooving)
GFVT% ○○○○□-○○AA	G130	Toolholder (Face Grooving)
GFVT% ○○-○○○(○)□	G135	Toolholder (Face Grooving)
GFVT% ○○○○□-○○○(○)□	G136	Toolholder (Face Grooving)
GG ○○○-○○T00320	G58	Insert (Grooving)
GH ○○○○(○)-○○	B117, G57, G86	Insert (Grooving)
GHU ○○-○○	G57, G86	Insert (Grooving)
GIA ○○	G88	Insert (Grooving)
GIFV% ○○○○B-○○○□	G144	Toolholder (Face Grooving)
GIV% ○○○○-○□(□)	G79	Toolholder (Grooving)
GMG ○○○○-○○MG	G87	Insert (Grooving / Previous Description)
GMG ○○○○-○○○MG	G48, G87, G142	Insert (Grooving)
GMG ○○○○-○○○MS	G48	Insert (Grooving)
GMG ○○○○-○○○R	G48, G87	Insert (Grooving)
GMG ○○○○-○○○RU	G48	Insert (Grooving)
GMGA ○○○○-○○R	G87	Insert (Grooving / Previous Description)
GMGA ○○○○-○○○R	G49, G81, G142	Insert (Grooving)
GMGW ○○○○-○○R	C31, G60	Insert (Grooving)
GMGW ○○○○-○○R-HR	C31, G60	Insert (Grooving)
GMM 3014-04	G49	Insert (Grooving)
GMM 3014-15R	G49	Insert (Grooving)
GMM 3014-15RU	G49	Insert (Grooving)
GMM ○○○○-○○	G87	Insert (Grooving / Previous Description)
GMM ○○○○-MT	G50, H40	Insert (Grooving)
GMM ○○○○-NB	G50, H40	Insert (Grooving)
GMM ○○○○%○○○-MT-15D	G50, H40	Insert (Grooving)
GMM ○○○○%○○○-TK-8D	G50, H40	Insert (Grooving)
GMM ○○○○%○○○-TMR-6D	H40	Insert (Grooving)
GMM ○○○○-TK	G50, H40	Insert (Grooving)
GMM ○○○○-TMR	H40	Insert (Grooving)
GMM ○○○○-○○○MS	G48	Insert (Grooving)
GMM ○○○○-○○○MW	G48, G87, G142	Insert (Grooving)
GMM ○○○○-○○○R	G48	Insert (Grooving)
GMM ○○○○-○○V	G89	Insert (Grooving / Previous Description)
GMM ○○○○-○○○V	G89	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
GMN	○(○)	C20, C30, G50, G51, H40	Insert (Grooving)
GMN	○-TK	G50, H40	Insert (Grooving)
GM%	○-TK-8D	G50, H40	Insert (Grooving)
GM%	○(○)-○(○)D	G50, H40	Insert (Grooving)
GOMT	○○(□)○○○(○)ER-D	M23, M207	Insert (Milling) MEY
GP-1(N)		P21	Spare Parts (Plug)
GP-2(N)		P21	Spare Parts (Plug)
GS-50		P2	Spare Parts (Screw)
GV%	○○-○○○	G77	Insert (Grooving / Previous Description)
GV%	○○○□R	G77	Insert (Grooving / Previous Description)
GV%	○○○□(□)	C30	Insert (Grooving / Previous Description)
GV%	○○○-○○○□(□)	C30, G77, M267	Insert (Grooving)
GVF%	○○○□	C30, G138	Insert (Grooving / Previous Description)
GVF%	○○○AA	G131	Insert (Grooving / Previous Description)
GVF%	○○○-○○○AA	G131	Insert (Grooving)
GVF%	○○○-○○○□	C30, G138, M268	Insert (Grooving)
GVF%	○○○-○○○□R	G138	Insert (Grooving)
H			
HA○○	PCLN% 12-○○	F87	Boring Bar (AD Bar Interchangeable Head)
HA○○	PDUN% 15-○○	F88	Boring Bar (AD Bar Interchangeable Head)
HA○○	PTFN% 16-○○	F88	Boring Bar (AD Bar Interchangeable Head)
HA○○	SCLC% 09-○○	F89	Boring Bar (AD Bar Interchangeable Head)
HA○○	SDUC% 11-○○	F89	Boring Bar (AD Bar Interchangeable Head)
HCLN%	○○-○□	D32	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)

Part Number		Page	Description
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)
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)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
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)
HRSN% ○○-○□	D37	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	P4	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)
HS8X8	P4, K24	Spare Parts (Screw)
HS8X10	P4	Spare Parts (Screw)
HS8X12	P4	Spare Parts (Screw)
HS10X10	P4, K24	Spare Parts (Screw)
HS10X16	P4	Spare Parts (Screw)
HS12X10	P4, K24	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)
HS16X10	P4, K24	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, D31, G37, H54	Spare Parts (Hose)
HSB4X8% P4	P4	Spare Parts (Screw)
HS-G1/8-G1/8- ○○○	G33, H15, H19	Coolant Hose
HSDNN ○○-○□	D35	Toolholder (Turning)
HSRN% ○○-○□	D35	Toolholder (Turning)
HS-ST-AN- ○○○	D11, D31, G37, H54	Spare Parts (Hose)

Part Number	Page	Description
HS-ST-ST- ○○○	D11, D31, G37, H54	Spare Parts (Hose)
I		
J		
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-AN-R1/8-G1/8	G33, H15, H19	Coolant Joint
J-G1/8-UNF3/8	D11, D31, G37, H54	Piping Joint
J-M10X1.5-UNF3/8	D11, D31, G37, H54	Piping Joint
JOMT ○○(□)○○○(○)ER-D	M23, M207	Insert (Milling) MEY
J-ST-NPT1/8-G1/8	G33, H15, H19	Coolant Joint
J-ST-NPT1/8-RC1/8	G33, H15, H19	Coolant Joint
J-ST-R1/4-G1/8	G33, H15, H19	Coolant Joint
J-ST-R1/4-RC1/8	G33, H15, H19	Coolant Joint
J-ST-R1/8-G1/8	G33, H15, H19	Coolant Joint
J-ST-R1/8-RC1/8	G33, H15, H19	Coolant Joint
K		
KDB% 16-1	G59	Toolholder (External Grooving)
KCFP ○○○○%	G139	Insert (Cera-Notch Face Grooving)
KCG ○○○○%	G46, G90	Insert (Cera-Notch Grooving)
KCGDP ○○○○%	G46, G90	Insert (Cera-Notch Grooving)
KCGP ○○○○%	G46, G90	Insert (Cera-Notch Grooving)
KCGT ○○○○○○FR-AL	M15, M157	Insert (Milling) MEAS
KCRP ○○○○%	G46, G90	Insert (Cera-Notch Grooving)
KCT ○%	J24	Insert (Cera-Notch Threading)
KCTP ○%	J24	Insert (Cera-Notch Threading)
KCTK ○%	J24	Insert (Cera-Notch Threading)
KFMS% ○○-○-○○○(○)(○)	G140, G141	Toolholder (Face Grooving)
KFMS% ○○○○□○○(○)○○(○)-B	G142	Toolholder (Face Grooving)
KFMS% ○○○○□○○(○)○○(○)-○	G140, G141	Toolholder (Face Grooving)
KFTB% ○○○○○(○)-OS	G143	Blade (Face Grooving)
KGA% ○○○○□-○	G57	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)
KGBFR ○(○).○(○)-○○FJCTM	G19	Toolholder (Grooving)
KGBFR ○○○○JX-○○FJCTM	G19	Toolholder (Grooving)
KGBFS% ○○○○JX-○○	G18	Toolholder (Grooving)
KGD% ○○-C	G38, G41, G106-G110, H36	Toolholder Body (Grooving / Cut-Off)
KGD% ○T○○-C	G38, G39, G41, H36, H37	Blade (Grooving / 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
KGD% ○○○○-C	G39, G41, G105-G109, H37	Toolholder Body (Grooving / Cut-Off)
KGD% ○(○)-○(○)JX	G28, H26	Toolholder (Grooving / Cut-Off)
KGD% ○○-○D○○□□	G28, H26	Toolholder (Grooving / Cut-Off)
KGD% ○○○○□(□)-○(○)	G28, H26	Toolholder (Grooving / Cut-Off)
KGD% ○○○○□(□)-○(○)D○○	G28, H26	Toolholder (Grooving / Cut-Off)
KGD% ○(○)○(○)-○(○)JCTM	G30, H30	Toolholder (Grooving / Cut-Off)
KGD% ○○○○□-○(○)JCT	G29, H29	Toolholder (Grooving / Cut-Off)
KGD% ○○○○□-○(○)JCTM	G30, H30	Toolholder (Grooving / Cut-Off)
KGD% ○○-○T○○(○)	G34, H32	Toolholder (Grooving / Cut-Off)
KGD% ○○-○T○○(○)JCT	G36, H35	Toolholder (Grooving / Cut-Off)
KGD% ○○○○□-○T○○JCT	G36, H35	Toolholder (Grooving / Cut-Off)
KGD% ○○○○□(□)-○(○)T○○	G35, H33	Toolholder (Grooving / Cut-Off)
KGD% ○○X-○T○○S	G38, H36	Toolholder (Grooving / Cut-Off)
KGD% ○○○○X-○T○○S	G39, H37	Toolholder (Grooving / Cut-Off)
KGDF% -○(○)○-○□-○C	G106-G115, G117-G126, G127	Blade (Face Grooving)
KGDF% ○○○○X○○(○)-○□S	G111-G114	Toolholder (Face Grooving)
KGDF% ○○○○○○(○)-○B-Z	G116	Toolholder (Face Grooving)
KGDIR ○○B-○	G83	Toolholder (Internal Grooving)
KGDI% ○○○○B-○	G84	Toolholder (Internal Grooving)
KGDS% ○○-C	G40, G41, G117-G121	Toolholder (Grooving)
KGDS% ○○○○-C	G40, G41, G122-G126	Toolholder (Grooving)
KGDS% ○○○○JX-○(○)B	H27	Toolholder (Cut-Off)
KGDS% ○○○○X-○T○○S	G40	Toolholder (Grooving)
KGH% ○○○○□-○(○)	G56	Toolholder (Grooving)
KGHS% ○○○○□-○	G56	Toolholder (Grooving)
KGIAR ○○H	G88	Toolholder (Grooving / Toolholder Body)
KGIAR ○○○○B-○	G88	Toolholder (Grooving)
KGM% ○-○-○	G52, H42	Toolholder (Grooving / Cut-Off)
KGM% ○○-○	G52, H42	Toolholder (Grooving / Cut-Off)
KGM% ○○○○□(□)-○(○)	G52, H42	Toolholder (Grooving / Cut-Off)
KGM% ○○○○□-○(○)-○○	G52	Toolholder (Grooving / Cut-Off)
KGM% ○○-○T	G53, H43	Toolholder (Grooving / Cut-Off)
KGM% ○○○○□-○T○○	G53, H43	Toolholder (Grooving / Cut-Off)
KGMMR ○○○○□-○	G54	Toolholder (Grooving)
KGMSR ○○○○□-○	G54	Toolholder (Grooving)
KGMMUR ○○○○□	G55	Toolholder (Grooving)
KGMMWR ○○○○□-○	G60	Toolholder (Grooving)
KIGBA% ○○-○	G80	Toolholder (Grooving)
KIGBA% ○○○○-○○	G80	Toolholder (Grooving)
KIGHR ○○○○B-○	G86	Toolholder (Grooving)
KIGM% ○○○○B-○	G87	Toolholder (Grooving)
KIGM% ○○B-○V	G89	Toolholder (Grooving)
KIGMUR ○○○○B-○	G87	Toolholder (Grooving)
KITG% ○○○○T-○○	J31	Toolholder (Grooving / Threading)
KKC% ○(○)-○□(□)	G47, J24	Toolholder (Cera-Notch Grooving / Threading)
KKC% ○○○○□-○-○○○F	G47, J24	Toolholder (Cera-Notch Grooving / Threading)
KKCE% ○○-○□	G139	Toolholder (Cera-Notch Face Grooving)
KNMX ○○○○○○%(-□)	B31	Insert (Turning)
KPC○-DCLN %○○○○○-○○□	N3	Polygon Shank Holder (Turning)
KPC○-DDHN %○○○○○-○○□	N4	Polygon Shank Holder (Turning)
KPC○-DDJN %○○○○○-○○□	N4	Polygon Shank Holder (Turning)
KPC○-DTGN %○○○○○-○○□	N5	Polygon Shank Holder (Turning)
KPC○-DVLN %○○○○○-○○□	N5	Polygon Shank Holder (Turning)

Part Number	Page	Description
KPC○-DVPN %○○○○○-○○□	N6	Polygon Shank Holder (Turning)
KPC○-DVVN N○○○○○-○○□	N6	Polygon Shank Holder (Turning)
KPC○-DWLN %○○○○○-○○□	N7	Polygon Shank Holder (Turning)
KPC○-KGBA %○○○○○-○○(○○)	N10	Polygon Shank Holder (Shallow Grooving)
KPC○-KGD %○○○○○-○○T○	N9	Polygon Shank Holder (Grooving / Cut-Off)
KPC○-KTN %○○○○○-○○□	N11	Polygon Shank Holder (Threading)
KPC○-SVJB %○○○○○-○○□	N8	Polygon Shank Holder (Turning)
KPC○-SVWB N○○○○○-○○□	N7	Polygon Shank Holder (Turning)
KPKB ○○-○	H50	Blade (Cut-Off)
KPKB ○○-○JCT	H49	Blade (Cut-Off)
KPKH ○○○○□-○	H52	Toolholder (Cut-Off)
KPKH ○○○○□-○D○○	H52	Toolholder (Cut-Off)
KPKH ○○○○□-○JCT	H52	Toolholder (Cut-Off)
KPKTB ○○-○○JCT	H51	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○○○	E52	Sub-Spindle Tools
KSTB S○○□ CCET○○○	E52	Sub-Spindle Tools
KSTB S○○/○○ DCET○○○	E52	Sub-Spindle Tools
KSTB S○○□ DCET○○○	E52	Sub-Spindle Tools
KSTB S○○/○○ VBET○○○	E52	Sub-Spindle Tools
KSTB S○○□ VBET○○○	E52	Sub-Spindle Tools
KSTB S○○/○○ TGFO○	E53	Sub-Spindle Tools
KSTB S○○□ TGFO○	E53	Sub-Spindle Tools
KSTB S○○/○○ TTO○	E53	Sub-Spindle Tools
KSTB S○○□ TTO○	E53	Sub-Spindle Tools
KTGF% ○○○○□-○○	G20	Toolholder (Grooving)
KTGF% ○○○○□(□)-○○F	G20	Toolholder (Grooving)
KTGF% ○(○)-○JXF	G20	Toolholder (Grooving)
KTKB ○○-○OS	H57	Blade (Cut-Off)
KTKB ○○-○OSS	H57	Blade (Cut-Off)
KTKB% ○○-○OS	H57	Blade (Cut-Off)
KTKFL ○○(○)-○○□□	E12, H8, J26	Toolholder (Back Turning / Cut-Off / Threading)
KTKFL ○○○○□□-○○	E12, H8, J26	Toolholder (Back Turning / Cut-Off / Threading)
KTKF% ○(○)(○)-○○□□	E12, H8, J26	Toolholder (Back Turning / Cut-Off / Threading)
KTKF% ○○○○□(□)-○○	E12, H8, J26	Toolholder (Back Turning / Cut-Off / Threading)
KTKF% ○○○○□(□)-○○S□	H10	Toolholder (Cut-Off)
KTKF% ○○○○JX-○○-Y	E14, H20	Toolholder (Back Turning / Cut-Off / Threading)
KTKF% ○○(○)-○○JCT	H13	Toolholder (Cut-Off)
KTKF% ○○(○)-○○JCTM	H17	Toolholder (Cut-Off)
KTKF% ○○○○□-○○JCT	H13	Toolholder (Cut-Off)
KTKF% ○○○○JX-○○JCTM	H17	Toolholder (Cut-Off)
KTKFS% ○○○○□-○○A/B	H22	Toolholder (Cut-Off)
KTKFS% ○-○○JX	H22	Toolholder (Cut-Off)
KTKH% ○○-○OS	H59	Toolholder (Cut-Off)
KTKH% ○-○(○)-○OS	H58	Toolholder (Cut-Off)
KTKH% ○○○○□-○OS	H59	Toolholder (Cut-Off)
KTKH% ○○○○□-○T○○S	H59	Toolholder (Cut-Off)
KTKTB ○○(○)-○○	H51	Block (Cut-Off)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
KTKTBF ○○-○○	H51	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	P10	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	K50	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○-GH-I	K51	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○-GM-E	K50	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○-GM-I	K51	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○-SM-E	K50	Insert (Drilling) DRV MAGIC DRILL
LCMT ○○○○○-SM-I	K51	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%LS	P16	Spare Parts (Clamp Set)
LGBA-22%LS	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)
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)

Part Number	Page	Description
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 ○○○○-○○(-○)	M218	Insert (Milling) MSTB
LNEU ○○○○-○○S(-○)	M218	Insert (Milling) MSTB
LNGX ○○○○○	M15, M55, M205	Insert (Milling) MFSE45 / MFF
LNGX ○○○○○OR-TT	M15, M55, M205	Insert (Milling) MFSE45 / MFF
LNU ○○○○T○○○○○○○○○	B114	Insert (Turning)
LOGU ○○○○○○ER-GH	M15, M191	Insert (Milling) MFH
LOGU ○○○○○○ER-GM	M15, M44, M127, M191	Insert (Milling) MFLN / MFH
LOGU ○○○○PAER-GM	M15, M127	Insert (Milling) MFLN
LOGT ○○○○○○FR-AM	M16, M66-M68	Insert (Milling) MEW
LOMU ○○○○○○ER-GH	M16, M66-M68, M98	Insert (Milling) MEW / MEWH
LOMU ○○○○○○ER-GM	M16, M66-M68, M98, M170	Insert (Milling) MEW / MEWH / MFH
LOMU ○○○○○○ER-SM	M16, M66-M68, M98	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, M187	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)
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)

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
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)
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)

Part Number	Page	Description
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	K124	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	M164	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%L ○○-○□	D8	Toolholder (Turning)
MCSE ○○○	M260	End Mill (Chamfering)
MCSE ○○○-○○D	M260	End Mill (Chamfering)
MDJN%L ○○-○□	D13	Toolholder (Turning)
MEAS ○○○○-S○○○○-○○-OT	M156	End Mill (for Aluminum Machining)
MEAS ○○○○S○○○○○○○○T○○○	M156	End Mill (for Aluminum Machining)
MEAS ○○-S○○-○○-OT	M156	End Mill (for Aluminum Machining)
MEAS ○○-S○○-○○-OT-○○○	M156	End Mill (for Aluminum Machining)
MEAS ○○○○R-○○-OT	M156	Face Mill (for Aluminum Machining)
MEAS ○○○○R-○○-OT-M	M156	Face Mill (for Aluminum Machining)
MEC ○○○○-S○○○-○○	M72	End Mill (MEC)
MEC ○○○○-S○○○-○○T	M72	End Mill (MEC)
MEC ○○○○-S○○○-○.○-○○	M72	End Mill (MEC)
MEC ○○○○-S○○○-○.○-○○T	M72	End Mill (MEC)
MEC ○○-M○○-○○(T)-OT	M77	Modular Head End Mill (MEC)
MEC ○○-S○○-○○	M73, M74	End Mill (MEC)
MEC ○○-S○○-○○T	M73, M74	End Mill (MEC)
MEC ○○-S○○-○○○-○○	M74	End Mill (MEC)
MEC ○○-S○○-○○○-○○-○	M74	End Mill (MEC)
MEC ○○-S○○-○○○-○○T	M73, M74	End Mill (MEC)
MEC ○○-S○○-○○○-○○T-○	M73, M74	End Mill (MEC)
MEC ○○○○R-○○(T)-OT(N)	M75	Face Mill (MEC)
MEC ○○○○R-○○-○(○)T(N)	M76	Face Mill (MEC)
MEC ○○○○R-○○-○(○)T-M(N)	M76	Face Mill (MEC)
MEC ○○○○R-○○-○(○)(□)	M76	Face Mill (MEC)
MECH ○○○○-W○○○(○)-○○-○-OT	M100	End Mill (MECH)
MECH ○○○-S○○-○○-○-OT	M100	End Mill (MECH)
MECH ○○○○R-○○-○-OT	M101	Shell Mill (MECH)
MECH ○○○○R-○○-○-OT	M101	Shell Mill (MECH)
MECH ○○○○R-○○-○-OT-M	M101	Shell Mill (MECH)
MECH ○○○○○-○-OT-BT○○	M101	End Mill (MECH)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
MECH ○○○○○○-OT-BT○○-A	M102	End Mill (MECH)
MECH ○○○○○○-OT-BT○○SA	M102	End Mill (MECH)
MECH ○○○○○○-OT-F	M103	Front Mill Attachment (MECH)
MECHT ○○R-○○-○○(○○)-○-○-○-M	M109	Shell Mill (MECHT)
MECHT ○○-○○-○○-○-○-○-○	M109	End Mill (MECHT)
MECX(L) ○○○○-○○○○-○○-○-○	M84	End Mill (MECX)
MECX ○○-○○-○○-○-○-○-○	M84	End Mill (MECX)
MECX ○○-○○-○○○-○○-○-○-○	M84	End Mill (MECX)
MECX ○○○○R-○○-○(○)T	M85	Face Mill (MECX)
MECX ○○○○R-○○-○(○)T-M	M85	Face Mill (MECX)
MEF ○○-○○○	M262	End Mill (Countersinking)
METS ○○-○○○	M264	End Mill (T-Slotting)
METS ○○-○○○-H	M264	End Mill (T-Slotting)
MEV ○○○○-W○○○-○○-○-○	M90	End Mill (MEV)
MEV ○○○○-S○○○-○-○○-○-○	M90	End Mill (MEV)
MEV ○○-○○○-○○-○-○	M91	Modular Head End Mill (MEV)
MEV ○○-○○○-○○-○-○	M90	End Mill (MEV)
MEV ○○-○○○-○○-○○○-○-○	M90	End Mill (MEV)
MEV ○○○○R-○○-○-○	M91	Face Mill (MEV)
MEV ○○○○R-○○-○-○-M	M91	Face Mill (MEV)
MEW ○○-○○○-○○-○-○	M68	Modular Head End Mill (MEW)
MEW ○○-○○○-○○-○-○	M65	End Mill (MEW)
MEW ○○-○○○-○○-○○○-○-○	M65	End Mill (MEW)
MEW ○○-W○○-○○-○-○	M65	End Mill (MEW)
MEW ○○○○R-○○-○-○	M66	Face Mill (MEW)
MEW ○○○○R-○○-○-○(-M)	M67	Face Mill (MEW)
MEW ○○○○-S○○○-○-○○-○-○	M64	End Mill (MEW)
MEW ○○○○-W○○○-○○-○-○	M64	End Mill (MEW)
MEW ○○○○-W○○○-○-○○-○-○	M64	End Mill (MEW)
MEW ○○○○-W○○○-○○○-○○-○-○	M64	End Mill (MEW)
MEWH ○○○○R-○○-○-○-○-○-M	M98	Shell Mill (MEWH)
MEWH ○○○-○○-○○-○-○-○-○	M97	End Mill (MEWH)
MEWH ○○○○R-○○-○-○-○-○	M98	Shell Mill (MEWH)
MEWH ○○○○-W○○○-○○-○-○-○-○	M97	End Mill (MEWH)
MEY ○○○○-S○○○-HG	M206	End Mill (Multi-functional)
MEY ○○-○○○	M206	End Mill (Multi-functional)
MEY ○○-○○○-○○○	M206	End Mill (Multi-functional)
MEY ○○-○○○-○○○H	M206	End Mill (Multi-functional)
MEZ ○○-○○○G	M208	End Mill (Multi-functional)
MEZ ○○-○○○-○○○G	M208	End Mill (Multi-functional)
MEZ ○○-○○○-○○○HG	M208	End Mill (Multi-functional)
MFAH ○○○○R-○(○)T-M(○○)-SF	M148	Face Mill (MFAH)
MFAH ○○○○R-○(○)T-(○○)-SF	M148	Face Mill (MFAH)
MFAH ○○○○R-○(○)T-M-SF	M149	Face Mill (MFAH)
MFAH ○○○○R-○(○)T-SF	M149	Face Mill (MFAH)
MFF ○○○○R-SF	M204	Face Mill (MFF)
MFF ○○○○R-M-SF	M204	Face Mill (MFF)
MFH ○○○○-○○○-○○-○-○	M170, M191, M197	Modular Head End Mill (MFH)
MFH ○○○○-W○○○-○○-○-○(○○)	M168, M179, M188	End Mill (MFH)
MFH ○○○○-W○○○-○○-○-○-○	M188	End Mill (MFH)
MFH ○○○○R-○○-○-○(○○○○)	M169, M176, M190	Face Mill (MFH)
MFH ○○○○R-○○-○-○(-M)	M169, M177, M190	Face Mill (MFH)
MFH ○○○○R-○○-○-○-○○	M169, M177	Face Mill (MFH)
MFH ○○○○-S○○○-○○-○-○(○○)	M168, M188, M196	End Mill (MFH)
MFH ○○○○-S○○○-○○-○-○(○)	M168, M179, M188, M196	End Mill (MFH)

Part Number	Page	Description
MFH ○○-○○○-○○-○-○	M170, M182, M191, M197	Modular Head End Mill (MFH)
MFH ○○-○○○-○○-○-○	M168, M180-M181, M189, M196	End Mill (MFH)
MFH ○○-○○○-○○-○-○-○○○	M168, M180, M189	End Mill (MFH)
MFH ○○-W○○-○○-○-○	M168, M180, M189, M196	End Mill (MFH)
MFK ○○○(○)R-11-○(○)T	M48, M49	Face Mill (MFK)
MFK ○○○R-11-○(○)T-M	M49	Face Mill (MFK)
MFK ○○○R-11-○(○)T-M-SF	M50	Face Mill (MFK-SF)
MFK ○○○(○)R-11-○(○)T-SF	M50	Face Mill (MFK-SF)
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	M126	Face Mill (MFLN90)
MFLN 90○○○○○R-○(○)T-M	M126	Face Mill (MFLN90)
MFPN-45	P11	Spare Parts (Shim)
MFPN 45○○○○○(○)R-○(○)T	M31	Face Mill (MFPN45)
MFPN 45○○○○%□-○(○)T	M32	Face Mill (MFPN45)
MFPN 45○○○○R-○(○)T-M	M32	Face Mill (MFPN45)
MFPN 45○○○○R-S32-○-○	M33	End Mill (MFPN45)
MFPN 45○○○○R-W125-○-○	M33	End Mill (MFPN45)
MFPN 66○○○○R-○(○)T-G	M37	Face Mill (MFPN66)
MFPN 66○○○○R-○(○)T-M-G	M37	Face Mill (MFPN66)
MFPN 66○○○○R-S32-○-○-G	M38	End Mill (MFPN66)
MFSE 45○○○○%□-○(○)T	M54	Face Mill (MFSE45)
MFSE 45○○○○R-○(○)T-M	M54	Face Mill (MFSE45)
MFSE 45○○○○R-○(○)T-W-M	M54	Face Mill (MFSE45)
MFSN 88○○○○R-○(○)T-G	M123	Face Mill (MFSN88)
MFSN 88○○○○R-○(○)T-M-G	M123	Face Mill (MFSN88)
MFSN 88○○○○R-S32-○-○-G	M124	End Mill (MFSN88)
MFWN-90	P11	Spare Parts (Shim)
MFWN 90○○○○○(○)R-○(○)T	M112	Face Mill (MFWN)
MFWN 90○○○○○R-W125-○-○	M115	End Mill (MFWN)
MFWN 90○○○○R-○(○)T(-M)	M113	Face Mill (MFWN)
MFWN 90○○○○R-○5-○(○)T(-M)	M118	Face Mill (MFWN-Mini)
MFWN 90○○○○R-○○○-○-○	M115	End Mill (MFWN)
MFWN 90○○○○R-○○○-○5-○-○	M119	Face Mill (MFWN-Mini)
MGI ○○○○-1□(□)	M266	End Mill (Grooving for M/C)
MRF ○○-○○○	M236	End Mill (Ball-Nose)
MRF ○○-○○○-○○○	M236	End Mill (Ball-Nose)
MRFW ○○-○○○	M236	End Mill (Ball-Nose)
MRFW ○○-○○○-○○○	M236	End Mill (Ball-Nose)
MRW ○○○○-S○○○-○○-○-○(○)	M242	End Mill (MRW)
MRW ○○○○-W○○○-○○-○-○	M242	End Mill (MRW)
MRW ○○○○R-○○-○(○)T	M240	Face Mill (MRW)
MRW ○○○○R-○○-○(○)T	M241	Face Mill (MRW)
MRW ○○○○R-○○-○(○)T-M	M241	Face Mill (MRW)
MRW ○○-○○○-○○-○-○	M243	End Mill (MRW)
MRW ○○-○○○-○○-○-○-○○○	M243	End Mill (MRW)
MRW ○○-W○○-○○-○-○	M243	End Mill (MRW)
MRX ○○○○-S○○○-○○-○-○(○)	M249	End Mill (MRX)
MRX ○○○○-W○○○-○○-○-○	M249	End Mill (MRX)
MRX ○○○○R-○○-○-○	M247	Face Mill (MRX)
MRX ○○○○R-○○-○-○	M248	Face Mill (MRX)
MRX ○○○○R-○○-○-○-M	M248	Face Mill (MRX)

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
MRX ○○-MOO-○○-OT	M251	Modular Head End Mill (MRX)
MRX ○○-SOO-○○-OT	M250	End Mill (MRX)
MRX ○○-SOO-○○-OT-○○○	M250	End Mill (MRX)
MRX ○○-WOO-○○-OT	M250	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-O	M135	Face Mill (MSR)
MSR ○○○○R-O-1.5ID	M135	Face Mill (MSR)
MSR ○○○○R-O	M136	Face Mill (MSR)
MSR ○○○○R-OM	M136	Face Mill (MSR)
MSR ○○○○R-O-31.75	M136	Face Mill (MSR)
MSR ○○○○R-BT50-O	M137	Face Mill (Integral Arbor Type)
MSRS 15○○○(○)(○)R-○(○)T	M58	Face Mill (MSRS15)
MSRS 15○○○R-○(○)T-M	M59	Face Mill (MSRS15)
MSRS 90○○○○R-O-OT	M130	Face Mill (MSRS90)
MSRS 90○○○R-O-○(○)T	M131	Face Mill (MSRS90)
MSRS 90○○○R-O-○(○)T-M	M131	Face Mill (MSRS90)
MSSN% ○○-○□	D14	Toolholder (Turning)
MSTA ○○(○)□○○-○(○)T	M212-M213	Slot Mill
MSTA ○○□○○○-○(○)T	M212-M213	Slot Mill
MSTB ○○(○)□○○○○-OT	M216-M217	Slot Mill
MSTB ○○○○□○○○-OT	M216-M217	Slot Mill
MSTC ○○○□○○○-○○○-○○	M222-M227	Slot Mill
MSTC ○○○□○○○○-○○-○(○)T	M222-M227	Slot Mill
MTE-42	P11	Spare Parts (Shim)
MTGN% ○○-○□	D16	Toolholder (Turning)
MTP 90-○○○-○○(○)W	M141	End Mill (MTP90)
MTP 90-○○○-RO	M141	End Mill (MTP90)
MVG ○○○○	M268	End Mill (Ring Grooving for M/C)
MVJN% ○○-○□	D22	Toolholder (Turning)
MVLN% ○○○○□-○○	D22	Toolholder (Turning)
MVN-32	P11	Spare Parts (Shim)
MVVNN ○○-○□	D22	Toolholder (Turning)
MVVNN ○○○○□-○○	D22	Toolholder (Turning)
MWLN% ○○-○□	D26	Toolholder (Turning)
N		
NDCT ○○○TRX	M24, M143-M144	Insert (Milling) DMC-SX / DMC-H
NDCT ○○○FR	M24, M142-M143, M165	Insert (Milling) DMC / DMC-SX, CEM
NDCT ○○○TR	M24, M142-M143	Insert (Milling) DMC / DMC-SX
NDCT ○○○(□)(□)-B	M24, M165	Insert (Milling) CEM
NDCW ○○○○FRX	M30, M144	Insert (Milling) DMC-H
NDCW ○○○○FRX-NE	M30, M144	Insert (Milling) DMC-H
NDCW ○○○(○)TR	M24, M143	Insert (Milling) DMC-SX
NDCW ○○○FRX	M24, M143-M144, M165	Insert (Milling) DMC-SX / DMC-H / CEM
NDCW ○○○TRX	M24, M143-M144, M165	Insert (Milling) DMC-SX / DMC-H / CEM
NDMM ○○○ER-SP	M24, M142-M144, M165	Insert (Milling) DMC / DMC-SX / DMC-H / CEM
NDMT ○○(□)○○○(○)ER-D	M24, M208	Insert (Milling)
NDMT ○○(□)○○○(○)ER-DH	M24, M208	Insert (Milling)

Part Number	Page	Description
NEMT ○○(□)○○○(○)ER-D	M24, M208	Insert (Milling)
NEMT ○○(□)○○○(○)ER-DH	M24, M208	Insert (Milling)
O		
OFMR ○○○○○○EN-GT	M25	Insert (Milling)
OFMR ○○○○○○EN-SH	M25	Insert (Milling)
OFMT ○○○○○○EN-GT	M25	Insert (Milling)
OFMT ○○○○○○□-SH	M25	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)
PCLN% ○○-○□	D9	Toolholder (Turning)
PCLN% ○○○○□-○○	D9	Toolholder (Turning)
PCLNR ○○○○JX-○○FF	E50	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)
PKM ○○N-○○○PH	H48	Insert (Cut-Off)
PKM ○○N-○○○PM	H48	Insert (Cut-Off)
PKM ○○% -○○○PM-6D	H48	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, M33	Insert (Milling) MFPN45
PNEU ○○○○ANER-GL	M18, M33	Insert (Milling) MFPN45
PNEU ○○○○ANER-W	M18, M33	Insert (Milling) MFPN45
PNMG ○○○○XNEN-GH	M17, M50	Insert (Milling) MFK
PNMG ○○○○XNEN-GM	M17, M50	Insert (Milling) MFK
PNMU ○○○○ANER-GH	M18, M33	Insert (Milling) MFPN45
PNMU ○○○○ANEL-GM	M18, M33	Insert (Milling) MFPN45
PNMU ○○○○ANER-GM	M18, M33	Insert (Milling) MFPN45
PNMU ○○○○ANER-SM	M18, M33	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% ○○-○○□□	D25	Toolholder (Turning)
PRGC% ○○○○□-○○	D25	Toolholder (Turning)
PRGC% ○○○○□-○○BE	D43	Toolholder (Turning)
PRGC% ○○○○□-○○BF	D43	Toolholder (Turning)
PRGN% ○○○○□-○○	D25	Toolholder (Turning)
PRXC% ○○-○○□□	D25	Toolholder (Turning)
PRXC% ○○○○□-○○	D25	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	G33, H15, H19	Coolant Coupler
PSYNR ○○○CA○○	N24	Toolholder (Cartridge)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
PTFNR ○○CA○○	N24	Toolholder (Cartridge)
PTFN% ○○-○○	D17	Toolholder (Turning)
PTFN% ○○○○□-○○	D17	Toolholder (Turning)
PTGNR ○○CA○○	N24	Toolholder (Cartridge)
PTGN% ○○-○○	D17	Toolholder (Turning)
PTGN% ○○○○□-○○	D17	Toolholder (Turning)
PTLNR ○○○○JX-○○FF	E51	Toolholder (for Small Double-Sided Tools)
PTTNR ○○CA○○	N24	Toolholder (Cartridge)
PVLN% ○○○○□-○○Q	D24	Toolholder (Turning)
PVPN% ○○○○□-○○Q	D24	Toolholder (Turning)
PWNN ○○○○□-○○Q	D24	Toolholder (Turning)
PWLN% ○○-○○	D27	Toolholder (Turning)
PWLN% ○○○○□-○○	D27	Toolholder (Turning)
Q		
R		
R ○○-(R)-SET	M257	Cartridge Set (API Ring Groover)
R ○○-SET	M257	Cartridge Set (API Ring Groover)
RBG ○○K○○○○○	B116	Insert (Turning)
RCGX ○○○○M0-AQ	B74	Insert (Turning)
RCGX ○○E○○○	B116	Insert (Turning)
RCGX ○○○H○○○T○○○○○	B116	Insert (Turning)
RCGX ○○(○)S○○○○○	B116	Insert (Turning)
RCGX ○○(○)T○○○○○	B116	Insert (Turning)
RCGX ○○○T○○○○○○○○○AA	B116	Insert (Turning)
RCMA ○○(○)T○○○○○○○○○AA	B116	Insert (Turning)
RCMT ○○○○M0-BB	B105	Insert (Turning)
RCMT ○○SH	B74	Insert (Turning)
RCMT ○○SR	B74	Insert (Turning)
RCMX ○○○○M0	B74	Insert (Turning)
RDFG ○○FR	M25, M237	Insert (Milling) MRF / MRPW
RDGT ○○○○M0ER-GM	M19, M247-M251	Insert (Milling) MRX
RDGT ○○○○M0ER-SM	M19, M247-M251	Insert (Milling) MRX
RDHX ○○(□)○(○)M0T	M25	Insert (Milling)
RDMT ○○TOM0-H	M25	Insert (Milling)
RDMT ○○○○M0EN-GH	M19, M247-M251	Insert (Milling) MRX
RDMT ○○○○M0ER-GM	M19, M247-M251	Insert (Milling) MRX
RNG ○○E○○○	B110	Insert (Turning)
RNG ○○K○○○○○	B110	Insert (Turning)
RNG ○○S○○○○○	B110	Insert (Turning)
RNG ○○T○○○○○	B110	Insert (Turning)
RNG ○○T○○○○○○○AA	B110	Insert (Turning)
RNM ○○	C19	Insert (Turning)
RNMG ○○	B31	Insert (Turning)
ROMU ○○○○M0ER-GH	M19, M240-M243	Insert (Milling) MRW
ROMU ○○○○M0ER-GM	M19, M240-M243	Insert (Milling) MRW
ROMU ○○○○M0ER-SM	M19, M240-M243	Insert (Milling) MRW
RPG ○○E○○○	B115	Insert (Turning)
RPG ○○T○○○○○	B115	Insert (Turning)
RPGT ○○(□)○(○)M0ER-GM	M19, M247-M251	Insert (Milling) MRX
RPGT ○○(□)○(○)M0ER-SM	M19, M247-M251	Insert (Milling) MRX
RPGX ○○E○○○	B116	Insert (Turning)
RPGX ○○T○○○○○	B116	Insert (Turning)
RPMT ○○(□)○(○)M0	M25	Insert (Milling)
RPMT ○○○○M0-BB	B105, F86	Insert (Turning)

Part Number	Page	Description
RPMT ○○(□)○(○)M0EN-GH	M19, M247-M251	Insert (Milling) MRX
RPMT ○○(□)○(○)M0ER-GM	M19, M247-M251	Insert (Milling) MRX
RPMT ○○○○M0-H	M25	Insert (Milling)
RPMW ○○○○M0TN	M19, M247-M251	Insert (Milling) MRX
S		
S○○- CH○○	K38	Toolholder (Drilling) DRC MAGIC DRILL Chamfering Attachment
S○○- CH○○-DRA	K23	Toolholder (Drilling) DRA MAGIC DRILL Chamfering Attachment
S○○- DRS○○○○○	K75	Toolholder (Drilling) DRS MAGIC DRILL
S○○(○)- DRV○○○M-○-○○	K53-K66	Toolholder (Drilling) DRV MAGIC DRILL
S○○(○)- DRX○○○(○)M-○-○○	K93-K100	Toolholder (Drilling) DRX MAGIC DRILL
S○○(○)- DRZ○○○○(○○)(○)(○)-○○(□)	K76-K88	Toolholder (Drilling) DRZ MAGIC DRILL
S○○□- CELN○○-○○	F103	Boring Bars
S○○□- GSKPRO○-○○	F84	Boring Bars
S○○□- CTUN%○○-○○A	F104	Boring Bars
S○○□- CTUP%○	F85	Boring Bars
S○○□- CTUP%○○-○○	F85	Boring Bars
S○○(○)□- KGBFL16	G17	Sleeve Holder (Grooving)
S○○(○)□- KTGFL16	G21	Sleeve Holder (Grooving)
S○○(○)□- KTTXL16	J28	Sleeve Holder (Threading)
S○○□- PCLN%○	F92	Boring Bars
S○○□- PCLN%○○-○○	F92	Boring Bars
S○○□- PDQN%○○-○○	F95	Boring Bars
S○○□- PDUN%○○-○○	F93, F95	Boring Bars
S○○□- PDZN%○○-○○	F95	Boring Bars
S○○□- PTUN%○○-○○	F99	Boring Bars
S○○□- PWLN%○○-○○	F100, F102	Boring Bars
S○○(○)□- SCLC○○	E45	Sleeve Holder (Turning)
S○○□- SCLC%○○-○○A	F47	Boring Bars (Dynamic Bar)
S○○□- SCLC%○	F49	Boring Bars (General Purpose)
S○○□- SCLC%○(○)E	F49	Boring Bars (General Purpose)
S○○□- SCLC%○○-○○A	F47	Boring Bars (Dynamic Bar)
S○○○□- SCLCRO○-○○○E	F29	Boring Bars (EZ Bar PLUS)
S○○□- SCLP%○(○)	F53	Boring Bars (General Purpose)
S○○□- SCLP%○○-○○A	F51	Boring Bars (Dynamic Bar)
S○○□- SDQC%○○-○○A	F56	Boring Bars (Dynamic Bar)
S○○(○)□- SDUC○○	E46	Sleeve Holder (Turning)
S○○□- SDUC%○	F58	Boring Bars (General Purpose)
S○○□- SDUC%○○-○○A	F55	Boring Bars (Dynamic Bar)
S○○□- SDZC%○	F59	Boring Bars (General Purpose)
S○○□- SDZC%○○-○○A	F57	Boring Bars (Dynamic Bar)
S○○□- SINR-○	J22	Toolholder (Threading)
S○○□- SSKPRO○-○○	F84	Boring Bars
S○○□- STLB%○.○A	F63	Boring Bars (Dynamic Bar)
S○○□- STLB%○○-○○A	F63	Boring Bars (Dynamic Bar)
S○○□- STLB%○○-○○A	F63	Boring Bars (Dynamic Bar)
S○○○□- STLBRO○-○○○E	F30	Boring Bars (EZ Bar PLUS)
S○○□- STLC%○○-○○A	F61	Boring Bars (Dynamic Bar)
S○○□- STLP%○○-○○A	F63	Boring Bars (Dynamic Bar)
S○○○□- STLPRO○-○○○E	F30	Boring Bars (EZ Bar PLUS)
S○○□- STUB%○.○	F65	Boring Bars (General Purpose)
S○○□- STUP%○(○)	F65	Boring Bars (General Purpose)
S○○(○)□- STWL15	G100	Toolholder (for Twin Bars)

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
SO□□- STWP%LO	F66, J37	Toolholder (Boring / Threading)
SO□□- STWP%LOO-OO	F66, J37	Toolholder (Boring / Threading)
SO□□- STWP%LOO-OOE	F66, J37	Toolholder (Boring / Threading)
SO□(○)□- STWR15	F44	Toolholder (for Twin Bars)
SO□□- SVJB%LO	F74	Boring Bars (General Purpose)
SO□□- SVJB%LOE	F74	Boring Bars (General Purpose)
SO□□- SVJB%LOO-OOA	F68	Boring Bars (Dynamic Bar)
SO□□- SVJC%LOO-OOA	F68	Boring Bars (Dynamic Bar)
SO□□- SVJP%LOO-OOA	F68	Boring Bars (Dynamic Bar)
SO□- SVNR12	F41	Toolholder (for Swiss IQ Bars)
SO□□- SVNR12N	F41	Toolholder (for Swiss IQ Bars)
SO□(○)□- SVNR12SN	F41	Toolholder (for Swiss IQ Bars)
SO□(○)□- SVNR12SXN	F43	Toolholder (for Swiss IQ Bars)
SO□□- SVNR12XN	F43	Toolholder (for Swiss IQ Bars)
SO□□- SVPB%LOO-OOA	F70	Boring Bars (Dynamic Bar)
SO□□- SVPB%LOE	F74	Boring Bars (General Purpose)
SO□□- SVPC%LOO-OOA	F70	Boring Bars (Dynamic Bar)
SO□(○)□- SVUBLOO	E47	Sleeve Holder (Turning)
SO□□- SVUB%LOO-OOA	F73	Boring Bars (Dynamic Bar)
SO□□- SVUB%LOE	F75	Boring Bars (General Purpose)
SO□(○)□- SVUCLOO	E47	Sleeve Holder (Turning)
SO□□- SVUC%LOOE	F75	Boring Bars (General Purpose)
SO□□- SVUC%LOO-OOA	F73	Boring Bars (Dynamic Bar)
SO□□- SVZB%LOE	F75	Boring Bars (General Purpose)
SO□□- SVZB%LOO-OOA	F73	Boring Bars (Dynamic Bar)
SO□□- SVZC%LOO-OOA	F73	Boring Bars (Dynamic Bar)
SO□□- SWUB%LOO	F78	Boring Bars (General Purpose)
SO□□- SWUB%LOOAE	F77	Boring Bars (Dynamic Bar)
SO□□- SWUB%LOO-OOA	F77	Boring Bars (Dynamic Bar)
SO□□- SWUB%LOO-OOAE	F77	Boring Bars (Dynamic Bar)
SO□□□- SWUBROO-OOOEZP	F31	Boring Bars (EZ Bar PLUS)
SO□□- WWLN%LOO-OOE	F102	Boring Bars
SABSR ○(○)-OO□□F	E19	Toolholder (Turning)
SABSR ○○○□□(□)-OOF	E19	Toolholder (Turning)
SABWR ○(○)-OO□□F	E20, E21	Toolholder (Turning)
SABWR ○○○□□(□)-OOF	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)
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)

Part Number	Page	Description
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-2260T%	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)
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)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
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% ○(○)-○□	E26	Toolholder (Turning)
SCLC% ○○○□-○○	E26	Toolholder (Turning)
SCLC% ○○-○JXFF	E24	Toolholder (Turning)
SCLC% ○○○□(□)-○○FF	E24	Toolholder (Turning)
SCLCR ○○(○)-OFFJCT	E25	Toolholder (Turning)
SCLCR ○(○)○(○)-OFFJCTM	E25	Toolholder (Turning)
SCLCR ○○○○JX-○○FFJCT	E25	Toolholder (Turning)
SCLCR ○○○○JX-○○FFJCTM	E25	Toolholder (Turning)
SCLNR ○(○)-○.○□F	E48	Toolholder (for Small Double-Sided Tools)
SCLNR ○○○□-○○FF	E48	Toolholder (for Small Double-Sided Tools)
SCMT ○○○○HQ	B75	Insert (Turning)
SCMT ○○○○○○-GH-E	K50	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-GH-I	K51	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-GM-E	K50	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-GM-I	K51	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-SM-E	K50	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-SM-I	K51	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-XM-E	K50	Insert (Drilling) DRV MAGIC DRILL
SCMT ○○○○○○-XM-I	K51	Insert (Drilling) DRV MAGIC DRILL
SCR-01	P6	Spare Parts (Screw)
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 ○○○○○□□-□□	M231	Insert (Milling) MSTC
SDCT ○○○○○□% -□□	M231	Insert (Milling) MSTC
SDET ○○○○○□□-□□	M231	Insert (Milling) MSTC
SDET ○○○○○□% -□□	M231	Insert (Milling) MSTC
SDJC% ○(○)-○□(□)	E29	Toolholder (Turning)
SDJC% ○○○□-○○	E29	Toolholder (Turning)
SDJCR ○○(○)○-○□□-FO	E22	Toolholder (Goose-neck Holder)
SDJCR ○○○□□-○○-FOO	E22	Toolholder (Goose-neck Holder)
SDJC% ○(○)-○JXFF	E27	Toolholder (Turning)
SDJC% ○○○□(□)-○○FF	E27	Toolholder (Turning)
SDJCR ○○(○)-OFFJCT	E28	Toolholder (Turning)
SDJCR ○○(○)-OFFJCTM	E28	Toolholder (Turning)
SDJCR ○○○□-○○FFJCT	E28	Toolholder (Turning)
SDJCR ○○○○JX-○○FFJCTM	E28	Toolholder (Turning)
SDJCR ○○○□-○○-FOOJCT	E28	Toolholder (Turning)
SDJCR ○○○○JX-○○-FOOJCTM	E28	Toolholder (Turning)
SDJCR ○○○□□-○○FF-Y	E30	Toolholder (Turning)
SDKN ○○AUFN	M12, M30	Insert (Milling)
SDKN ○○○AUTN	M12	Insert (Milling)

Part Number	Page	Description
SDKR ○○AUEN-S	M12	Insert (Milling)
SDKW ○○○○AESN	M26	Insert (Milling)
SDKW ○○○○AETN	M26	Insert (Milling)
SDKW ○○(□)○○○OFN	M26, M260	Insert (Milling) MCSE
SDKW ○○(□)○○○OTN	M26, M260	Insert (Milling) MCSE
SDLC% ○(○)-○JXFF	E32	Toolholder (Turning)
SDLC% ○○○○□(□)-○○FF	E32	Toolholder (Turning)
SDLNR ○(○)-○.○□F	E48	Toolholder (for Small Double-Sided Tools)
SDLNR ○○○○□-○○FF	E48	Toolholder (for Small Double-Sided Tools)
SDLP% ○○○○□(□)-○○FF	E34	Toolholder (Turning)
SDMR ○○AUER-H	M12	Insert (Milling)
SDMT ○○.○○C	M26, M260	Insert (Milling) MCSE
SDMT ○○○○AESR-H	M26	Insert (Milling)
SDMT ○○○(○)○(○)E-K	M26, M264	Insert (Milling) METS
SDMT ○○○E-K	M26, M264	Insert (Milling) METS
SDNCN ○(○)-○JX	E33	Toolholder (Turning)
SDNCN ○○○○□(□)-○○	E33	Toolholder (Turning)
SDNC% ○○○○JX-○○F	E33	Toolholder (Turning)
SDR -○○○○	K122	Toolholder (Drilling) Stinger Drill (SDR)
SDXC% ○○○○JX-○○	E32	Toolholder (Turning)
SE-3070TRP	P6	Spare Parts (Screw)
SE-40050TRN	P6	Spare Parts (Screw)
SE-40055TR	P6	Spare Parts (Screw)
SE-40068TR	P6	Spare Parts (Screw)
SE-40080TR	P6	Spare Parts (Screw)
SE-40090TR	P6	Spare Parts (Screw)
SE-40100TR	P6	Spare Parts (Screw)
SE-40120TR	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)
SEET ○○○OAGSN-GL	M55	Insert (Milling) MFSE45
SEET ○○○OAGSN-SL	M55	Insert (Milling) MFSE45
SEET ○○○OAGFN-AL	M55	Insert (Milling) MFSE45
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 ○○○FN	M26, M260	Insert (Milling) MCSE
SEKW ○○○TN	M26, M260	Insert (Milling) MCSE
SEMT ○○○C	M26, M260	Insert (Milling) MCSE
SFOO(○○)-DRAOOOM-○(○)	K12-K13, K16-K20	Toolholder (Drilling) DRA MAGIC DRILL
SFOO- DRCOOOM-○	K40-K42	Toolholder (Drilling) DRC MAGIC DRILL
SF% - ○○○(○)□	G134, G136, G137	Blade (Face Grooving)
SF22F- KTGFL16-40P	E54	Sub-Spindle Tools
SF22F- KTTXL16-40P	E54	Sub-Spindle Tools
SF22F- SCLCL09-40P	E54	Sub-Spindle Tools
SF22F- SDUCL11-40P	E54	Sub-Spindle Tools

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
SF22F-SVUBL11-40P	E54	Sub-Spindle Tools
SH-○○○○-○○○	F109	Sleeve (for Boring Bar)
SHA-○○○○(○)-○○○	F108, G75	Sleeve (for Small Tools SIGE)
SHC-○○○○-○○	F109	Coolant Sleeve (for Boring Bar)
SHE-○○○○-○○	K104	Adjustable Sleeve (Drilling) for MAGIC DRILL (DRV / DRZ / DRX)
SHEM-○○○○-○○	K105	Adjustable Sleeve (Drilling) for MAGIC DRILL (DRS Mini)
SIGC%L-○○○○-EH	G69	Toolholder (Grooving)
SIGC%L-○○○○-WH	G69	Toolholder (Grooving)
SIGC%L-○○○○-WH-○○○(○)	G69	Toolholder (Grooving)
SIGE%L-○○EH	G73	Toolholder (Grooving)
SIGE%L-○○○○□-EH	G73	Toolholder (Grooving)
SIGE%L-○○○○□-WH	G74	Toolholder (Grooving)
SIGER-○○○○□-WH-90	G75	Toolholder (Grooving / for Small Tools)
SI-GIV%L-○○-○○	G79	Toolholder (Grooving)
SIN%L-○○○○S-○○	J22	Toolholder (Threading)
SIN%L-○○○○S-○○E	J22	Toolholder (Threading)
SJS-○	F110	Coolant Joint
SL-○(○-○○)	F109	Sleeve (for Boring Bar)
SLT-○○-○○□□□	M214	Insert (Slot Mill MSTA)
SNCN-○○XNTN	M13	Insert (Milling)
SNG-○○○S○○○○○	B111	Insert (Turning)
SNG-○○○T○○○○○	B111, B112	Insert (Turning)
SNG-○○○T○○○○○AA	B111	Insert (Turning)
SNGA-○○○	B35	Insert (Turning)
SNGA-○○○MEF	C10	Insert (Turning)
SNGA-○○○S○○○○○	B111	Insert (Turning)
SNGA-○○○S○○○○○OME	C10	Insert (Turning)
SNGA-○○○S○○○○○OMEH	C10	Insert (Turning)
SNGA-○○○S○○○○○OMEP	C10	Insert (Turning)
SNGA-○○○S○○○○○OMET	C10	Insert (Turning)
SNGA-○○○T○○○○○	B111	Insert (Turning)
SNGA-○○○T○○○○○AA	B111	Insert (Turning)
SNGA-○○○T○○○○○OME	C10	Insert (Turning)
SNGG-○○○%L-25R	B35	Insert (Turning)
SNGG-○○○%L-B/C	B35	Insert (Turning)
SNGX-○○○T○○○○○	B112	Insert (Turning)
SNKN-○○XNTN	M13	Insert (Milling)
SNM-○○○	B35, C19, M13	Insert (Turning / Milling)
SNM-○○○T○○○○○	B112	Insert (Turning)
SNMA-○○○	B35	Insert (Turning)
SNMA-○○○T○○○○○AA	B111	Insert (Turning)
SNMF-○○○○○○-21	B105, F86	Insert (Turning)
SNMF-○○XNTN	M13	Insert (Milling)
SNMG-○○○	B32	Insert (Turning)
SNMG-○○○C	B34	Insert (Turning)
SNMG-○○○(○)GC	B34	Insert (Turning)
SNMG-○○○HQ	B32	Insert (Turning)
SNMG-○○○HS	B32	Insert (Turning)
SNMG-○○○KG	B34	Insert (Turning)
SNMG-○○○KH	B34	Insert (Turning)
SNMG-○○○MQ	B34	Insert (Turning)
SNMG-○○○MS	B34	Insert (Turning)
SNMG-○○○MU	B34	Insert (Turning)
SNMG-○○○PG	B32	Insert (Turning)

Part Number	Page	Description
SNMG-○○○PH	B33	Insert (Turning)
SNMG-○○○PQ	B32	Insert (Turning)
SNMG-○○○PS	B32	Insert (Turning)
SNMG-○○○PT	B32	Insert (Turning)
SNMG-○○○%L-C	B35	Insert (Turning)
SNMG-○○○SG	B34	Insert (Turning)
SNMG-○○○XP	B33	Insert (Turning)
SNMG-○○○XQ	B33	Insert (Turning)
SNMG-○○○XS	B33	Insert (Turning)
SNMG-○○○ZS	B34	Insert (Turning)
SNMM-○○○PX	B33	Insert (Turning)
SNMU-○○○○○○○EN-GH	M19, M124	Insert (Milling) MFSN88
SNMU-○○○○○○○EN-GM	M19, M124	Insert (Milling) MFSN88
SNMU-○○○○○○○EN-SM	M19, M124	Insert (Milling) MFSN88
SOKN-13T3AXFN	M12	Insert (Milling)
SOKN-13T3AXFN-NE	M30	Insert (Milling)
SOKN-13T3AXTN	M12	Insert (Milling)
SOKR-13T3AXEN-J	M12	Insert (Milling)
SOMT-○○○○○AXEN-J	M26	Insert (Milling)
SOMT-○○○○○○○ER-FL	M20, M183	Insert (Milling) MFH
SOMT-○○○○○○○ER-GH	M20, M183	Insert (Milling) MFH
SOMT-○○○○○○○ER-GM	M20, M183	Insert (Milling) MFH
SOMT-○○○○○○○ER-LD	M20, M183	Insert (Milling) MFH
SOMW-○○○○○AXFN	M26	Insert (Milling)
SOMW-○○○○○AXTN	M26	Insert (Milling)
SP-2D	P20	Spare Parts (Spring)
SP-3D	P20	Spare Parts (Spring)
SP-5	P20	Spare Parts (Spring)
SP-5D	P20	Spare Parts (Spring)
SP-6	P20	Spare Parts (Spring)
SP-8	P20	Spare Parts (Spring)
SP3X4	P7	Spare Parts (Screw)
SP3X6	P7	Spare Parts (Screw)
SP3X8	P7	Spare Parts (Screw)
SP3X10	P7	Spare Parts (Screw)
SP4X9	P7	Spare Parts (Screw)
SP8X35	P7	Spare Parts (Screw)
SP-129	P12	Spare Parts (Shim)
SP-130A	P12	Spare Parts (Shim)
SP-141	P12	Spare Parts (Shim)
SP-141P	P13	Spare Parts (Shim)
SP-143	P12	Spare Parts (Shim)
SP-143P	P13	Spare Parts (Shim)
SP-148	P12	Spare Parts (Shim)
SP-162	P12	Spare Parts (Shim)
SP-210A	P13	Spare Parts (Shim)
SP-219	P12	Spare Parts (Shim)
SP-221	P12	Spare Parts (Shim)
SP-223	P12	Spare Parts (Shim)
SP-230P	P13	Spare Parts (Shim)
SP-341P	P13	Spare Parts (Shim)
SP-342	P12	Spare Parts (Shim)
SP-420A	P13	Spare Parts (Shim)
SP-429	P12	Spare Parts (Shim)
SP-441	P12	Spare Parts (Shim)

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
SP-441P	P13	Spare Parts (Shim)
SP-443	P12	Spare Parts (Shim)
SP-443P	P13	Spare Parts (Shim)
SP-454	P12	Spare Parts (Shim)
SP-521	P12	Spare Parts (Shim)
SP-521P	P13	Spare Parts (Shim)
SP-523	P12	Spare Parts (Shim)
SP-523P	P13	Spare Parts (Shim)
SP-541	P12	Spare Parts (Shim)
SP-543	P12	Spare Parts (Shim)
SP-826	P12	Spare Parts (Shim)
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○○○□□-□□	M230	Insert (Milling) MSTC
SPCT ○○T○○○□%□-□□	M230	Insert (Milling) MSTC
SPEN ○○EEER	M13	Insert (Milling)
SPEN ○○EESR	M13	Insert (Milling)
SPET ○○T○○○□%□-□□	M230	Insert (Milling) MSTC
SPG ○○○	B75, C29, M13	Insert (Turning / Milling)
SPG ○○○NE	C29	Insert (Turning / Milling)
SPG ○○○T○○○○○AA	B115	Insert (Turning)
SPG ○○○T○○○○○	B115	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, M60	Insert (Milling) MSRS15
SPMT ○○○○EDER-NBOP	M27, M60	Insert (Milling) MSRS15
SPMT ○○○○EDER-V	M27, M60	Insert (Milling) MSRS15
SPMT ○○○○EDS%-NBOT	M27, M60	Insert (Milling) MSRS15
SPMT ○○○○○EN-NBO	M28, M130-M131	Insert (Milling) MSRS90
SPMT ○○○○○EN-NBOP	M28, M130-M131	Insert (Milling) MSRS90
SPMT ○○○○○EN-V	M28, M130-M131	Insert (Milling) MSRS90
SPMT ○○○○○E-Z	M28, M262	Insert (Milling) MEF
SP-RC	P14	Spare Parts (Shim)
SPW-6045	P7	Spare Parts (Screw)
SPW-7050	P7	Spare Parts (Screw)
SRCP% ○○○○B-○○-A○○	F86	Boring Bar (for Bearing Machining)
SS-4N	P7	Spare Parts (Shim Screw)

Part Number	Page	Description
SS○○(○○)-DRA○○○○M-○(,○)	K14-K15, K21-K22	Toolholder (Drilling) DRA MAGIC DRILL
SS○○- DR○○○○M-○	K25-K37	Toolholder (Drilling) DRC MAGIC DRILL
STDER ○○○A○○	N26	Toolholder (Cartridge)
STDPR ○○○A○○	N26	Toolholder (Cartridge)
STEER ○○○A○○	N26	Toolholder (Cartridge)
STEPR ○○○A○○	N26	Toolholder (Cartridge)
STFER ○○○A○○	N26	Toolholder (Cartridge)
STFPR ○○○A○○	N26	Toolholder (Cartridge)
STGC% ○○○○□-○○	E35	Toolholder (Turning)
STGP% ○○○○□-○○	E35	Toolholder (Turning)
STLNR ○-○-○□F	E49	Toolholder (for Small Double-Sided Tools)
STLNR ○○○○□-○○FF	E49	Toolholder (for Small Double-Sided Tools)
STVP% ○○-○	J23	Toolholder (Threading)
STWL ○○○○□-15	G100	Toolholder (for Twin Bars)
STWR ○○○○□-15	F44	Toolholder (for Twin Bars)
STWSR ○○○○□(□)-15T	F45, G101	Toolholder (for Twin Bars)
SV-60136R	P7	Spare Parts (Screw)
SV-60136TR	P7	Spare Parts (Screw)
SVJB% ○(○)-○□(□)	E36, E38	Toolholder (Turning)
SVJB% ○○○○□-○○	E38	Toolholder (Turning)
SVJB% ○(○)-○□□FF	E36	Toolholder (Turning)
SVJB% ○○○○□□-○○FF	E36	Toolholder (Turning)
SVJB% ○○○○□□-○○(N)	E38	Toolholder (Turning)
SVJBR ○○(,○)-OFFJCT	E37	Toolholder (Turning)
SVJBR ○(○)(,○)-OFFJCTM	E37	Toolholder (Turning)
SVJBR ○○○○□□-○○FFJCT	E37	Toolholder (Turning)
SVJBR ○○○○JX-○○FFJCTM	E37	Toolholder (Turning)
SVJC% ○○○○□(□)-○○FF	E40	Toolholder (Turning)
SVJP% ○(○)-○□□FF	E42	Toolholder (Turning)
SVJP% ○○○○□(□)-○○FF	E42	Toolholder (Turning)
SVJPR ○○○○□□-○○FFJCT	E43	Toolholder (Turning)
SVJPR ○(○)(,○)-OFFJCTM	E43	Toolholder (Turning)
SVJPR ○○○○JX-○○FFJCTM	E43	Toolholder (Turning)
SVLC% ○○○○□(□)-○○FF	E40	Toolholder (Turning)
SVLP% ○(○)-○(○)□□FF	E42	Toolholder (Turning)
SVLP% ○○○○□(□)-○○FF	E42	Toolholder (Turning)
SVLPR ○○(,○)-○□□-FO	E23	Toolholder (Goose-neck Holder)
SVLPR ○○○○□□-○○-FOO	E23	Toolholder (Goose-neck Holder)
SVNR ○○○○□-12N	F40	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-○○	F40	Toolholder (for Swiss IQ Bars)
SVNSR ○○○○□-12-○○N	F40	Toolholder (for Swiss IQ Bars)
SVNSR ○○○○□-12-○○XN	F43	Toolholder (for Swiss IQ Bars)
SVPB% ○○○○□(□)-○○	E38	Toolholder (Turning)
SVPB% ○○○○□□-○○N	E38	Toolholder (Turning)
SVPCR ○○○○□(□)-○○FF	E41	Toolholder (Turning)
SVPPR ○(○)-○(○)□□FF	E44	Toolholder (Turning)
SVPPR ○○○○□(□)-○○FF	E44	Toolholder (Turning)
SWBN ○(○)-○□□	E39	Toolholder (Turning)
SWBN ○○○○□(□)-○○	E39	Toolholder (Turning)
SWBN ○○○○□□-○○N	E39	Toolholder (Turning)
SWVCN ○○○○□□-○○	E41	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
SZLB% ○○○○□-13C	D30	Toolholder (Turning)
SZPB% ○○○○□-13C	D30	Toolholder (Turning)
SZVBN ○○○○□-13C	D30	Toolholder (Turning)
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- SVVBN-□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	B115	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○○○○○	B115	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)
TCGT ○○○(○)% -A3	B79	Insert (Turning)
TCGW ○○○(○)(○)	B79, C26	Insert (Turning)
TCGW ○○○(○)NE	C26	Insert (Turning)

Part Number	Page	Description
TCGW ○○○(○)SE	C26	Insert (Turning)
TCMT ○○○(○)(○)	C26	Insert (Turning)
TCMT ○○○○○HP	K121, K124	Insert (Drilling) Counterbore
TCMT ○○○(○)(○)HQ	B77, K124, K125	Insert (Turning/Drilling) Counterbore/Countersink
TCMT ○○○(○)(○)(○)NE	C26	Insert (Turning)
TCMT ○○○(○)SE	C26	Insert (Turning)
TCMX ○○○(○)WP	B77	Insert (Turning)
TEEN ○OPTFR	M30	Insert (Milling)
TEEN ○OPTFR-NE	M30	Insert (Milling)
TEEN ○OPTTR	M14	Insert (Milling)
TEKN ○OPTFR	M14, M30	Insert (Milling)
TEKN ○OPTFR-NE	M30	Insert (Milling)
TEKN ○OPTTR	M14	Insert (Milling)
TEKR ○OPTER-S	M14	Insert (Milling)
TEMR ○OPTER-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 ○(○)	H56	Insert (Cut-Off)
TKN ○(○)-P	H56	Insert (Cut-Off)
TK% ○(○)	H56	Insert (Cut-Off)
TK% ○(○)-P	H56	Insert (Cut-Off)
TKF ○○R○○○-AGT	C32, E18	Insert (Grooving / Turning)
TKF ○○%○○○-AS	C32, E18	Insert (Grooving / Turning)
TKF ○○%○○○-GTP	B103, 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 ○○L○○○○○MR	B102, E13	Insert (Back Turning)
TKFB ○○R○○○○○-GQ	B102, E13	Insert (Back Turning)
TKFB ○○R○○○○○P-GQ	B102, E13	Insert (Back Turning)
TKFB ○○R○○○○○M	B102, E13	Insert (Back Turning)
TKFS ○○%○○○-S	H23	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○○○○○	B113	Insert (Turning)
TNG ○○○T○○○○○	B113	Insert (Turning)
TNG ○○○T○○○○○AA	B113	Insert (Turning)
TNGA ○○○	B40	Insert (Turning)
TNGA ○○○MEF	C10	Insert (Turning)
TNGA ○○○ME6	C10	Insert (Turning)
TNGA ○○○S○○○○○	B113	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)

T
INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
TNGA ○○○○○○○○SET	C11	Insert (Turning)
TNGA ○○○○○○○○	B113	Insert (Turning)
TNGA ○○○○○○○○AA	B113	Insert (Turning)
TNGA ○○○○○○○○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 ○○○○○○○○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 ○○○OQ	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)
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)

Part Number	Page	Description
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, M93	Insert (Milling) MEV
TOMT ○○○○○○ER-SM	M20, M93	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 ○○○○(○)(○)F%-FSF	B85	Insert (Turning)
TPG ○○○(○)(○)(○)	B88, C29, M14, M30, M141	Insert (Turning / Milling)
TPG ○○○ONE	C29	Insert (Turning / Milling)
TPG ○○○(○)SE	C29	Insert (Turning / Milling)
TPG ○○○S○○○○○SET	C18	Insert (Turning)
TPG ○○○(○)(○)T○○○○○	B115	Insert (Turning)
TPG ○○○(○)(○)T○○○○○AA	B115	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○○○○○OMES	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)
TPGR ○○○○(○)%-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○○○○○OMET	C16	Insert (Turning)
TPGW ○○○T○○○○○OME	C16	Insert (Turning)
TPGW ○○○T○○○○○OSE	C16	Insert (Turning)
TPK ○○PDFR	M14, M141	Insert (Milling) MTP90
TPK ○○PDTR	M14, M141	Insert (Milling) MTP90
TPKR ○○PDER-S	M14, M141	Insert (Milling) MTP90
TPM ○○○	B88, M14, M141	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)

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
TPMR ○○○HQ	B87	Insert (Turning)
TPMR ○○PDER-H	M14, M141	Insert (Milling) MTP90
TPMT ○○○(○)JPD	C27	Insert (Turning)
TPMT ○○○(○)(○)(○)JGP	B81	Insert (Turning)
TPMT ○○○(○)(○)(○)JHQ	B81	Insert (Turning)
TPMT ○○○(○)(○)(○)JPP	B80	Insert (Turning)
TPMT ○○○(○)(○)JXP	B81	Insert (Turning)
TPMT ○○○XQ	B81	Insert (Turning)
TPMX ○○○(○)(○)(○)JWP	B80	Insert (Turning)
TPMX ○○○%-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 ○○%○○○○	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 ○○○○○-○○○	F44	Twin Bars (Boring)
TWBTR ○○○○○-○○○	F45	Twin Bars (Boring)
TWFG L ○○○	G100	Twin Bars (Face Grooving)
TWFGTR ○○○	G101	Twin Bars (Face Grooving)
U		
V		
VBET ○○○(○)M%-F	B90	Insert (Turning)
VBET ○○○(○)M%-FSF	B89	Insert (Turning)
VBET ○○○(○)%-FSF	B89	Insert (Turning)
VBET ○○○(○)(○)M%-Y	B90	Insert (Turning)
VBGT ○○○(○)FN-Z	B90	Insert (Turning)
VBGT ○○○(○)M%-F	B90	Insert (Turning)
VBGT ○○○(○)(○)M%-Y	B91	Insert (Turning)
VBGT ○○○○%-F	B90	Insert (Turning)
VBGT ○○○(○)%-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)

Part Number	Page	Description
VCET ○○○(○)M%-F	B93	Insert (Turning)
VCET ○○○(○)(○)M%-Y	B93	Insert (Turning)
VCGT ○○○	B93	Insert (Turning)
VCGT ○○○AH	B93	Insert (Turning)
VCGT ○○○AP	B93	Insert (Turning)
VCGT ○○○%-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 ○○○(○)(○)(○)JHQ	B92, M29, M258	Insert (Turning/Milling) / API Insert (Ring Grooving)
VCMT ○○○○○(○)NE	C28	Insert (Turning)
VCMT ○○○(○)(○)(○)JPP	B92	Insert (Turning)
VCMT ○○○○○(○)SE	C28	Insert (Turning)
VCMT ○○○○○(○)VF	B92	Insert (Turning)
VNBR ○○○○-○○(○)	F39	Swiss IQ Bars (Boring)
VNBR ○○○○-○○(○)NB	C34, F39	Swiss IQ Bars (Boring)
VNBR ○○○○(○○)-○○(○)S	F38	Swiss IQ Bars (Boring)
VNBTR ○○○○-○○(○)	F39	Swiss IQ Bars (Boring)
VNBXR ○○○○(○)-○○(○)S	F42	Swiss IQ Bars (Boring)
VNFR ○○○○-○○	G98	Swiss IQ Bars (Face Grooving)
VNFR ○○○○-○○NB	C34, G98	Swiss IQ Bars (Face Grooving)
VNGA ○○○	B45	Insert (Turning)
VNGA ○○○MEF	C12	Insert (Turning)
VNGA ○○○ME4	C12	Insert (Turning)
VNGA ○○○S○○○○○	B114	Insert (Turning)
VNGA ○○○(○)S○○○○OME	C12	Insert (Turning)
VNGA ○○○S○○○○○MEH	C12	Insert (Turning)
VNGA ○○○S○○○○○MEP	C12	Insert (Turning)
VNGA ○○○S○○○○OMET	C12	Insert (Turning)
VNGA ○○○(○)S○○○○OSE	C12	Insert (Turning)
VNGA ○○○S○○○○○OSET	C12	Insert (Turning)
VNGA ○○○T○○○○○	B114	Insert (Turning)
VNGA ○○○T○○○○○AA	B114	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 ○○○○-○○	G65	Swiss IQ Bars (Grooving)
VNGR ○○○○-○○NB	C34, G65	Swiss IQ Bars (Grooving)
VNMA ○○○T○○○○○AA	B114	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)

T INDEX

Part Numbers in Alphanumeric Order

○ : NUMBER □ : LETTER

Part Number	Page	Description
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%-U	B96	Insert (Turning)
VPET ○○○○(○)(○)MF%-USF	B96	Insert (Turning)
VPET ○○○○(○)(○)%-FSF	B95	Insert (Turning)
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)
WGBT ○○○○(○)(○)MFP%-PF	B97	Insert (Turning)
WGBT ○○○○(○)M%-CF	B97	Insert (Turning)
WGBT ○○○○(○)MP%-CF	B97	Insert (Turning)
WGBT ○○○○(○)(○)M%-F	B98	Insert (Turning)
WGBT ○○○○(○)(○)%-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)
WCMT ○○○○○○	K111, K117	Insert (Drilling) HOLESOT Drill (DR) / Coremaster Coredrill

Part Number	Page	Description
WCMX ○○○○○○-M1(A)	K111, K117	Insert (Drilling) HOLESOT Drill (DR) / Coremaster Coredrill
WCMX ○○○○○○-M1(A)	K111, K117	Insert (Drilling) HOLESOT Drill (DR) / Coremaster Coredrill
WCS-1N	P16	Spare Parts (Clamp Set)
WCS-8	P16	Spare Parts (Clamp Set)
WDRCO(○)	K43	Spare Parts (Wrench)
WN-1	P21	Spare Parts (Shim Nut)
WNEU ○○○○○○EN-GL	M21, M115	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○○○○○OAA	B114	Insert (Turning)
WNGA ○○○T○○○○○	B114	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, M115	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 ○○○(○)M	C23	Insert (Turning)
WNMM ○○○(○)M-NE	C23	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
WNMM ○○○(○)M-SE	C23	Insert (Turning)
WNMU ○○○○○○EN-GH	M21, M115, M120	Insert (Milling) MFWN
WNMU ○○○○○○EN-GM	M21, M115, M120	Insert (Milling) MFWN
WNMU ○○○○○○EN-SM	M21, M115, M120	Insert (Milling) MFWN
WP-1S	P8	Spare Parts (Shim Pin)
WP5X11	P8	Spare Parts (Shim Pin)
WP5X15	P8	Spare Parts (Shim Pin)
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, D31, G37, H54	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% ○○○○□-○○	D27	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, M160, M259	Insert (Milling) EM / CM
XPMT ○○T○○○	M29, M160-M162, M259	Insert (Milling) EM / FM90 / CM
Y		
Z		
ZBMT ○○T○○○GF	B101	Insert (Turning / Boring)
ZBMT ○○T○○○OR-GF-15D	B101	Insert (Turning / Boring)
ZCMT ○○○○○○	K74	Insert (Drilling) DRZ MAGIC DRILL
ZCMT ○○○○○○SP	K74	Insert (Drilling) DRZ MAGIC DRILL
ZCMT ○○○○○○SU	K74	Insert (Drilling) DRZ MAGIC DRILL
ZXMT ○○○○○○GH	K91	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GH-E	K91	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GM	K91	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GM-E	K91	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○GM-I	K91	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○SM	K91	Insert (Drilling) DRX MAGIC DRILL
ZXMT ○○○○○○SM-E	K91	Insert (Drilling) DRX MAGIC DRILL