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A○○○-DCLNR/L12	E013
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AEMW○○○○○○ER	L024
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AHX640W-○○○○○○○○R/L	M055
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AOX445R○○○○○○○	M060
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A○○○PDQNR/L○○	E037
A○○○PDUNR/L○○	E036
A○○○PDZNR/L○○	E038
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APMT1135PDER-○○	L025, M087, M210, M239, M245
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A○○○PSKNR/L○○	E035, Q026
A○○○PTFNR/L○○	E035
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BF-DCGT○○○○○○○TS2	B055	C3SARB	J282
BF-DNGG○○○○○○○TA4	B033	C4JC	J182
BF-DNGM○○○○○○○TA2	B035	C4LATB	J356
BF-DNGM○○○○○○○TS2	B035	C4LC	J183
BM-CCGT○○○○○○○TA2	B051	C4MC	J181
BM-CNGM○○○○○○○TA2	B030	CA○○○	Q014
BM-DCGT○○○○○○○TA2	B055	CAS51T	Q003
BM-DNGM○○○○○○○TA2	B035	CBJ/MPR○○○S○○	M250
BMR	M260	CBN2XLB	J236
BM-TNGM○○○○○○○TA3	B040	CBN2XLRB	J280
BN425형	Q028	CB○○RS	E019
BOE형	Q035	CB○○RS-○○	E019
BOE형	Q028	CB○○RS-B	E019
BOES○○○	Q009	CB○○RS-○○B	E019
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BRS○○○	Q003	CCET○○○○○○○R/LW-SN	A146
BSP형	Q035	CCGH○○○○○○○R/L-F	A141
BSX형	Q035	CCGH○○○○○○○MR/L-F	A141
BSX400형	Q029	CCGT○○○○○○○-AZ	A141
BSX500형	Q029	CCGT○○○○○○○-FJ	A140
BTAHR/L○○○○○-50	D012	CCGT○○○○○○○L-F	A141
BTAT605000RX	D012	CCGT○○○○○○○M-FS	A140
BTAT○○○○○○○MR-B	D012	CCGT○○○○○○○M-FS-P	A140
BTAT○○○○○○○R/L-B	D012	CCGT○○○○○○○M-LS	A142
BTAT○○○○○○○SMB	D012	CCGT○○○○○○○M-LS-P	A142
BTBT○○○○○○○MR-SMB	D013	CCGT○○○○○○○M-SMG	A146
BTBT○○○○○○○R/L	D013	CCGT○○○○○○○MR/L-F	A141
BTBT○○○○○○○R/L-B	D013	CCGT○○○○○○○MR/L-SN	A145
BTBT○○○○○○○R/L-SMB	D013	CCGT○○○○○○○MR/L-SS	A143
BTVHR○○○○○-○○	D014	CCGT○○○○○○○R/L-SN	A145
BTVT○○○○○○○R-B	D014	CCGT○○○○○○○R/L-SS	A143
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BXD7000형	Q035	CCMH○○○○○○○-MV	A144
BXD7000형	Q029	CCMH○○○○○○○-SV	A142
BZC400형	Q035	CCMT○○○○○○○	A144
BZC400형	Q029	CCMT○○○○○○○-FM	A140
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		CCMT○○○○○○○-LP	A141
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규격색인

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CCTC1	Q014	CPGT○○○○○○○R/L-F	A148
CE4SRB	J338	CPMH○○○○○○○-FV	A148
CE6SRB	J338	CPMH○○○○○○○-MV	A148
CESPR○○○○S○○	M246	CPMH○○○○○○○R/L-F	A148
CFM○○○○○	Q018	CPMH○○○○○○○-SV	A148
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CG○○○○RS-○○○	F132	CPMX○○○○○○○	A148
CG○○RS-○○○	F132	CPT○○○	C017, E039, Q022
CGSPR○○○○S○○	M246	CR○	G021, G030, H016, Q021, Q025, Q038
CK○○○	Q014, Q018	○○○R-BLS	E022, F131
CKW6	Q015	CRN2MB	J230
CMRA	J374	CRN2MRB	J277
CNGA○○○○○○○	B031	CRN2MS	J084
CNGG○○○○○○○-FJ	A100	CRN2XL	J086
CNGG○○○○○○○-MJ	A102	CRN2XLB	J232
CNGG○○○○○○○-PK	A100	CRN2XLRB	J278
CNGN○○○○○○○	B045	CRN4JC	J174
CNMA○○○○○○○	A106, B031, B068	CR○○RS-01	E020
CNMG○○○○○○○	A104	CR○○RS-01B	E020
CNMG○○○○○○○-FH	A100	CS○	Q003
CNMG○○○○○○○-C	A101	CS○○	Q010
CNMG○○○○○○○-FP	A100	CS-1/8-○○○○○	F112
CNMG○○○○○○○-FS	A100	CS300590T	F111
CNMG○○○○○○○-FY	A100	CSAF○○	Q030
CNMG○○○○○○○-GH	A105	CSBP형	Q019
CNMG○○○○○○○-GJ	A105	○○○SCLCR○○	E016, E030, Q026
CNMG○○○○○○○-GK	A103	○○○SCZC형	Q026
CNMG○○○○○○○-GM	A103	○○○SDQCR○○	E031
CNMG○○○○○○○-LK	A101	○○○SDUCR/L○○	E029, Q026
CNMG○○○○○○○-LM	A101	○○○SDZC형	Q026
CNMG○○○○○○○-LP	A100	CSF401260T	Q003
CNMG○○○○○○○-LS	A101	CSKPR○○CA○○	N008
CNMG○○○○○○○-MA	A103	CSKP형	Q019
CNMG○○○○○○○-MH	A103	CSRA	J372
CNMG○○○○○○○-MJ	A101	CSRARB	J370
CNMG○○○○○○○-MK	A102	○○○SSKCR/L형	Q026
CNMG○○○○○○○-MM	A102	CSSN형	Q019
CNMG○○○○○○○-MP	A102	CSSPR○○CA○○	N008
CNMG○○○○○○○-MS	A102, A103	CSSP형	Q019
CNMG○○○○○○○-MW	A104	CS○○○○○○○T	Q003
CNMG○○○○○○○-RK	A105	○○○STFCR○○	E028
CNMG○○○○○○○-RM	A104	CSTN형	Q019
CNMG○○○○○○○-RP	A104	○○○STUCR06	E017
CNMG○○○○○○○-RS	A105	CSVHR/L○○○○	D027
CNMG○○○○○○○-SA	A101	○○○SVQCR○○	E032
CNMG○○○○○○○-SH	A101	CSVTB○○○R-B	D028
CNMG○○○○○○○-SW	A101	CSVTB○○○R/L	D028
CNMG○○○○○○○-SY	A101	CSVTBXL	D028
CNMM○○○○○○○-HL	A105	CSVTC○○○○R-B	D028
CNMM○○○○○○○-HM	A106	CSVTC○○○○R/L	D028
CNMM○○○○○○○-HR	A106	CSVTF○○○R/L	D027
CNMM○○○○○○○-HV	A106	CSVTF○○○R/L-B	D027
CNMM○○○○○○○-HX	A105	CSVTFXL	D027
CNMM○○○○○○○-HZ	A106	CSVTG○○○○○R/L	D029
CNMN○○○○○○○	A137	CSVTT○○○○○RR/L	D029

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C○○○SVUC형	Q026	DCET○○○○○○R/LW-SN	A154
C○○○SWUBR○○	E016	DCGT○○○○○○-AZ	A149
CT○○	Q010	DCGT○○○○○○M-FS	A149
CTAHR1010-120S	D018	DCGT○○○○○○M-FS-P	A149
CTAHR/L○○○○-120	D018	DCGT○○○○○○M-LS	A150
CTAN형	Q019	DCGT○○○○○○M-LS-P	A150
CTAP형	Q019	DCGT○○○○○○M-SMG	A154
CTAT○○○○○○○○-B	D019	DCGT○○○○○○MR/L-SN	A153
CTAT○○○○○○○○-B○	D019	DCGT○○○○○○MR/L-SS	A151
CTAT○○○○○○RR/LL	D019	DCGT○○○○○○R/L-F	A150
CTBHR/L○○○○-○○	D013, D020	DCGT○○○○○○R/L-SN	A153
CTBT○○○○○○○○-B	D020	DCGT○○○○○○R/L-SS	A151
CTCHR/L○○○○-○○	D021	DCGW○○○○○○	A154
CTCP형	Q019	DCGW○○○○○○FS	B056
CTCT○○○○○○○○-B	D021	DCK○○○○	C008, C010, C016, C018-C021, E013-E015, H006-H011, Q015
CTDHR/L○○○○-○○	D022	DCLNR/L○○○○○○	C008
CTDT25350V5R-BS	D022	DCMT○○○○○○	A152
CTDT○○○○○○N/R-B	D022	DCMT○○○○○○-FM	A149
CTEHR/L○○○○-○○	D023	DCMT○○○○○○-FP	A149
CTE○○T○○○	G019	DCMT○○○○○○-FV	A149
CTET30350V5R-BS	D023	DCMT○○○○○○-LM	A150
CTET○○○○○○○○-B	D023	DCMT○○○○○○-LP	A150
CTGN형	Q019	DCMT○○○○○○-LS	A150
CTI○○T○○○	G028	DCMT○○○○○○-MK	A151
CT○○RS-M○○	G033	DCMT○○○○○○-MM	A151
CT○○T○	Q011	DCMT○○○○○○-MP	A151
CV형	Q036	DCMT○○○○○○-MS	A152
CV20형	Q036	DCMT○○○○○○-MV	A152
CWAF10N	Q030, Q031	DCMT○○○○○○-SV	A151
CWAF10R○	M073, Q030, Q031	DCMW○○○○○○	A154, B056, B073
CWAHX640WN	M056	DCS○	C008, C010, C016, C018-C021, E013-E015, H006-H011
CWAOX445N	M061	DCSD형	Q036
CWCV20	Q036	DCSN형	Q036
CWFSTE	Q036	DCSSM	P136
CWMSE445R○	Q030, Q037	DCSSS	P136
CWNSE300TR	Q031	DCSVN32	Q010
CWS○	M265, Q030	DC○○○○T	H006-H011, Q003
CWS42SER/L	M267	DCU형	Q024
CWS42SPR/L	M263	DDJNR/L○○○○○○	C010
CWS43SNN	Q028	DEGX○○○○○○R/L	A155
CWSE○○○SN	M062	DEGX○○○○○○R/L-F	A155, B079
CWSE○○○TR/L	M062, Q031, Q032	DF2MB	J244
CWSF○○○TR○	Q028, Q031, Q032	DF2XLB	J246
CWSG20SN	M065	DF2XLB F	J250
CWSG20TR	M065	DF3XB	J266
CWSP415TR	Q029	DF4JC	J176
CWS○R/L	Q029, Q031	DF4XL	J177
CWTSE300TR	Q031, Q037	DFC4JC	J180
D			
DC2SB	J238	DFCJRT	J195
DC2XLB	J240	DFPSRB	J335
DCBSS	P138	DGHR/L형	Q023
DCCCR○○○○S○○	M212	DGHN○○○	Q023
DCET○○○○○○R/L-SN	A153, A154	DGK3R/L	Q023
DCET○○○○○○R/L-SR	A152, A153	DGS51	Q023

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DKS○	Q003
DLC2MA	J089
DLC2MB	J242
DLE○○○○S○○○P○○○	P012
DNGA○○○○○○○	A113, B036, B068
DNGG○○○○○○○-FJ	A107
DNGG○○○○○○○-PK	A107
DNGG○○○○○○○-R/L	A111
DNGM○○○○○○○-MJ	A109
DNGN○○○○○○○	B045
DNMA○○○○○○○	A113
DNMG○○○○○○○	A111
DNMG○○○○○○○-C	A109
DNMG○○○○○○○-FH	A107
DNMG○○○○○○○-FP	A107
DNMG○○○○○○○-FS	A107
DNMG○○○○○○○-FY	A107
DNMG○○○○○○○-GH	A112
DNMG○○○○○○○-GJ	A112
DNMG○○○○○○○-GK	A110
DNMG○○○○○○○-GM	A111
DNMG○○○○○○○-LK	A108
DNMG○○○○○○○-LM	A108
DNMG○○○○○○○-LP	A108
DNMG○○○○○○○-LS	A108
DNMG○○○○○○○-MA	A111
DNMG○○○○○○○-MH	A111
DNMG○○○○○○○-MJ	A109
DNMG○○○○○○○-MK	A110
DNMG○○○○○○○-MM	A110
DNMG○○○○○○○-MP	A109
DNMG○○○○○○○-MS	A110
DNMG○○○○○○○-RK	A112
DNMG○○○○○○○-RM	A112
DNMG○○○○○○○-RP	A112
DNMG○○○○○○○-RS	A112
DNMG○○○○○○○-SA	A109
DNMG○○○○○○○-SH	A108
DNMG○○○○○○○-SY	A109
DNMM○○○○○○○-HL	A113
DNMM○○○○○○○-HZ	A113
DNMX○○○○○○○-MW	A111
DNMX○○○○○○○-SW	A109
DPCL○○○R	E041, Q024
DPDH○○○R	E041, Q024
DPDU○○○R	E040, Q024
DPDZ형	Q024
DPSK형	Q024
DPT2○○○R	G038, Q024
DPT4○○○R	F126, Q024
DPTF○○○R	E040, Q024
DPT○○○R	F126
DPVP○○○R	E042, Q024
DTGNR/L○○○○○○○	C016
DVJNR/L○○○○○○○	C018
DVPNR/L○○○○○○○	C020

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DVVNN○○○○○○○	C019
DWLNR/L○○○○○○○	C021
E	
E○○	C018-C020, E042, F126, G038
E404형	Q029
ECMP형	Q036
EGHR형	Q018
EGS○○○○○	Q004, Q018
EPSS	P192
ESBN형	Q020
E○○SCLPR형	Q024
ESDN형	Q020
ESEN형	Q020
ESKN형	Q020
ESS42	Q010
EST○○	Q010
E○○STFPR형	Q024
ETAN형	Q020
ETENN형	Q020
ETFN형	Q020
ETHR형	Q018
ETJN형	Q021
ETNN형	Q021
ETQN형	Q021
ETXN형	Q020
F	
FA○	N012
FA○-FAPN○○	N012
FA○-FASCO○○	N012
FA○-FASPO○○	N012
FAPN○○	N012
FASCO○○	N012
FASPO○○	N012
FBE2형	Q039
FBP415형	Q029
FC400890T	Q004
FCDG4형	Q025
FCL5형	Q025
FCSK형	Q025
FCTU○○○R/L	E026, Q025
FE404R/L○○○○○	M266
FF3000형	Q036
FF3000R○○○○○	M074
FFAWR	M074
FFCSR	M074
FFL	M074
FFLB	M074
FFP	M074, Q036
FFRP	M074
FFSS	M074, Q036
FFW	M074
FMAX-○○○A○○R	M066
FMAX-○○○B○○R	M068
FMAXR○○○○○	M067

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FN548형	Q030	GT○T○○○○○○○○○R/L-U	D016
FP490R/L○○○○○	M262	GT○T○○○○○○○○○R-VT	D017
FP590R/L○○○○○	M264	GW1M○○○○○○○○○N-○	F112
FSCLC○○○○○R-○E-○/○	E006	GW1M○○○○○○○○○R/L05-GM	F112
FSCLC○○○○○R/L-○E	E006	GW04005F	F110
FSCLC○○○○○R/L-○S	E006	GWB○○NA2-○○○	F110
FSCLP○○○○○R-○E-○/○	E006	GWCW○	F111
FSCLP○○○○○R/L-○E	E006	GWSL	P186
FSCLP○○○○○R/L-○S	E006	GWSS	P184
FSDQC○○○○○R/L-○E	E009	GWTBN○○○○-B○○	F111
FSDQC○○○○○R/L-○S	E009	GWTBN○○○○-B○○-C	F111
FSDUC○○○○○R/L-○E	E008	GWTS	P204
FSDUC○○○○○R/L-○S	E008	GWV○○○○○	F110
FSL5○○○○R	F124, G036	GWY39L	F110
FSTE형	Q036	GY1B○○○○○○○○○N	F012
FSTUP○○○○○R-○E-○/○	E007	GY1G○○○○○○○○○N-GFGS	B066, F011
FSTUP○○○○○R/L-○E	E007	GY1M○○○○○○○○○N-GM	F010
FSTUP○○○○○R/L-○S	E007	GY1M○○○○○○○○○R/L05-GM	F010
FSTU○○○○R/L	E025	GY2B○○○○○○○○○N	F012
FSVJB○○○○○R/L-○S	E012	GY2G○○○○○○○○○N-MF	F011
FSVJC○○○○○R/L-○S	E012	GY2M○○○○○○○○○N-BM	F012
FSVPB○○○○○R/L-○S	E011	GY2M○○○○○○○○○N-GM	F010
FSVPC○○○○○R/L-○S	E011	GY2M○○○○○○○○○N-GS	F010
FSVUB○○○○○R/L-○S	E011	GY2M○○○○○○○○○N-GU	F010
FSVUC○○○○○R/L-○S	E011	GY2M○○○○○○○○○N-MM	F012
FSWL○○○○R/L○	E027	GY2M○○○○○○○○○N-MS	F012
FSWUB○○○○○R-○E-○/○	E010	GY2M○○○○○○○○○R/L05-GM	F011
FSWUB○○○○○R/L-○E	E010	GY05016S	F081-F087, Q004
FSWUB○○○○○R/L-○S	E010	GY06013M	F017-F087, Q004
FSWUP○○○○○R-○E-○/○	E010	GYAR/L○○○90○-○○○	F080-F087
FSWUP○○○○○R/L-○E	E010	GYDR○○○90○-M○○R/L	F080-F087
FSWUP○○○○○R/L-○S	E010	GYHR/L○○○○○○00-M○○R/L	F016-F027, F038-F069
FV○	N012	GYHR/L○○○○○○50-M○○R/L	F026-F037
FV○-FVFN○○	N012	GYHR/L○○○○○○90-M○○R/L	F030-F035, F070-F079
FV○-FVSC○○○	N012	GYM○○R/L○-○○○	F016-F035, F080-F087
FV○-FVSP○○○	N012	GYM○○R/L○-○○○-○○○	F038-F079
FVFN○○	N012	GYM○○R/LC-○005	F036
FVSC○○○	N012	GYPR/L○○○○○○00-K25	F028-F029
FVSP○○○	N012	GYQR/L○○○○○○00-○○○	F016-F027
G		GYSR/L○○○○○JX00-○○○	F014-F015
GBE	J376	H	
GCMT○○○○○○○U○	L056, P246	H63TH-A○○○DCLNR/L12	H008
GDCN2004PDFR3	L052, M073	H63TH-B○○-○○	H021
GDCN2004PDR	L052	H63TH-DCLNL-L12-3	H008
GDCN2004ZDTR1	L052	H63TH-DCLNR/L-DX12	H006
GOER1408PXFR2-8	L052, M069	H63TH-DCMNN-○12	H007
GOER○○○○PXFR2	L052, M069	H63TH-DDJNL-L15-3	H011
GOER○○○○ZXFR2	L052, M069	H63TH-DDJNR/L-DX15	H009
GPMT○○○○○○○U○	L056, P246	H63TH-DDNNN-○15	H010
GSD	P174	H63TH-DGHR/L형	Q023
GTD	P193	H63TH-EN2525R/L-115	H020
GT○HR/L○○○○○-○○○	D016	H63TH-EV2020R/L-105-3	H021
GTTD	P205	H63TH-EV2525R/L-112	H019
GT○TR/L	D017	H63TH-MGHR/L-DX43○○	H014
GT○T○○○○○○○○○R/L-E	D017	H63TH-MMTENR-○16	H016

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H63TH-MMTER-DX16	H016
H63TH-MTHR/L-DX43	H017
H63TH-PCLNR/L-DX12	H006
H63TH-PCMNN-12	H007
H63TH-PDJNR/L-DX15	H009
H63TH-PDNNN-15	H010
H63TH-PRDCN-12	H012
H63TH-PRGCR/L-DX12	H012
H63TH-SVPBR/L-DX16	H013
H63TH-SVVBN-16	H013
H100TH-B-000000	H022
H100TH-EN3232R/L-130	H020
H100TH-EV3232R/L-180	H019
HBH08-0000	N007, N009, N011
HDS-000000	Q009
HFC-000000	G019, G028, H016
HFF06015	Q004
HFF08043H	Q009
HGJ-PT1/8	F111
HGM-PT-1/8	E035-E039, H007-H012
HKY-0000	Q002
HLS-0	M252, N007, N013
HNMX1206E-0000-R	L026, M261
HOSE-1/8-0000	F112
HP-0	M074
HP-00	E035-E038
HR-00	N013
HS-00	Q004
HSC-000000	Q002, Q009
HSC05016HW	N002
HSC08025H	M039
HSC-000000H	Q009
HSCX-000000H	M067, Q009
HSD04004H-00	M221, M225
HSD05004S	F123
HSK-000000M	N027
HSP05008C	Q004
HSP08014	F138, G038
HSS0-000000G	M066-M068
HSS04-000000	E018, F122, G035
HSS03005	E035-E038
HSS05005	M070
HSS-000000	H020-H022, Q002
HVF06-HSK63A-0000A-0	N002
HY-0	N013, Q004
HY-A1	N013, Q004
HY-V1	N013, Q004
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iMX-B2S	K022
iMX-B3FV	K024
iMX-B4HV	K026
iMX-B4HV-E	K027
iMX-B4S	K023
iMX-B6HV	K030
iMX-C3A	K046

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iMX-C4FD-C	K042
iMX-C4FV	K044
iMX-C4HV	K032
iMX-C4HV-S	K034
iMX-C6HV	K040
iMX-C8T-C	K049
iMX-C10HV	K040
iMX-C10T-C	K049
iMX-C12HV	K040
iMX-C12T-C	K049
iMX-C15T-C	K049
iMX-CH3L	K050
iMX-CH6V	K052
iMX-00-00000000L-0000C	K054
iMX-00-00000000L-0000S	K055
iMX-R4F	K020
iMX-S3A	K017
iMX-S3HV	K006
iMX-S4HV	K010
iMX-S4HV-S	K011
iMX-00-WR	Q002
J	
JDMT-00000000ZDER-JL	L026, M167
JDMT-00000000ZDSR-ST	L026, M167, M255
JFS-000000-00	P248
JOMT-00000000ZZER-JL	L026, M167
JOMT-00000000ZZSR-JM	L026, M167, M255
JOMU140715ZZER-M	L027, M175
JOMW-00000000ZZSR-FT	L026, M167, M255
JPMT-00000000-0	L027, M251
JPMX-00000000-00	L027, M217
JSS-0	Q004
K	
KGBN-00-00	F115, Q023
KGC1	F115, Q015
KGTON	F115
KGTOR/L	F115
KKCR/L형	Q020
KS-0	M070, N007, N009, N011, Q004
KS-00	N015, Q004
KSD	P182
KSMGR-00S-00	M252
KSN2	M066-M068
KSOS	Q004
KSS2	M066-M068
KTD	P198
KY-00	Q020
L	
LDCN190412R/L	L052
LK1	Q015
LLCL-0000	Q013
LLCS-0000	Q005
LLCS-0000S	Q005

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LLP○○○	Q013	MGS6	Q005
LLR○	N007, Q004	MGS○○○○L○○○B	P130
LLSCN○○	Q010	MGTL○○○○○	F127, M253
LLSCP○○	Q010	MGTR○○○○○	B067
LLSDN○○	Q010	MGTR/L○○○○○	F117, H015
LLSDP○○	Q010	MHK5NR/L	Q015
LLSRN○○○	Q010	MHS○○○○L○○○B	P064
LLSSN○○	Q010	MHS○○○R/L	Q011
LLSSP42	Q010	MHT1	Q005
LLSTE32	Q011	MK1K	Q017
LLSTN○○	Q011	MK1KS	Q017
LLSTP○○	Q011	MLCP42	Q011
LLSWN○○○	Q011	MLDP42	Q011
LLSWP○○○	Q011	MLG○○○○L	F125, G037
LNGU1308○○PNE○-○	L028, M091	MLSP42	Q011
LNGU1710○○PNE○-R	L029, M093	MLT○○○○L	F125, G037
LOGU○○○○○○PNOR-○	L030, M113, M125	MLTP32	Q011
LRB○○○	I004	MMS○○○○X○DB	P057
LS○	Q005	MMT○○ER○○○○○○○	G020, G021, G022, G023
LS○○	Q005	MMTER○○○○○○○-○	G019
LS10TS	Q005	MMT○○IR○○○○○○○	G029, G030, G031, G032
LS24H	Q005	MMTIR○○○○A○○○-○○○	G028
LSD	P189	MNS○○○○LB	P076
LSE445형	Q030	MNS○○○○X○DB	P076
LS○○○○T	Q005	MP2MB	J198
LS○○T	Q005	MP2SB	J197
LTD	P200	MP2SDB	J200
M			
MAE○○○○MB	P087	MP2SSB	J196
MAS○○○○LB/MB	P083	MP2XLB	J202
MBA○○○○○H	Q009	MP3XB	J254
MCAH○○○○X○○S○○○	P095	MP6	C014, Q013
MCA○○○○X○○S○○○	P091	MPJHV	J134
MCCH○○○○X○○S○○○	P094	MPMHV	J130
MCC○○○○X○○S○○○	P090	MPMHVRB	J284
MCLNR○○○○○○○	C009	MPMT○○○○○○○	L031, M251
MCT○○○○X○○S○○○	P092	MPMW○○○○○○○	L031, M249
MCW○○○○X○○S○○○	P093	MPMX120412-○○	L032, M217
MES○	C017, E039, F116, G024, H014, H017, Q019-Q020, Q022-Q023, Q026	MPXLRB	J288
MFE○○○○X○○S○○○	P015	MQS○○○○X○DB	P050
MG2R/L형	Q019	MR	J408
MG200형	Q037	MS2ES	J066
MG245형	Q037	MS2JS	J054
MG300형	Q037	MS2LS	J056
MG300형	Q030	MS2MD	J052
MG345형	Q037	MS2MRB	J274
MG345형	Q030	MS2MS	J049
MG400형	Q030	MS2SS	J048
MG445형	Q030	MS2XL	J058
MGD○○	P131	MS2XL6	J062
MGEEW○○○○AFTR	L031	MS3ES	J114
MGEEW○○○○PFTR	L031	MS4EC	J152
MGHR/L○○○○○○○○○	F116, Q019	MS4JC	J146
MGP445형	Q030	MS4MC	J144
		MS4MRB	J294
		MS4SC	J142
		MS4XL	J148

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MSBNR○○○○○○○○○	C012
MSCN63	C009, Q011
MSD445형	Q030
MSE445형	Q037
MSE445형	Q030
MSE○○○○SB	P097
MSJHD	J140
MSMHD	J137
MSMHZD	J112
MSP0300SB	P096
MSSHD	J136
MSSN63	C012, C014, Q011
MSSNR○○○○○○○○○	C014
MT1R/L○○○○○○○	G024
MT2R/L형	Q020
MTENN형	Q022
MTHR/L○○○○○○○	G024
MTJNR/L○○○○○○○	C017, Q022
MTK○R/L	F116, G024, H014, H017, Q015
MTNN형	Q022
MTQN형	Q022
MTTR/L○○○○○○○	G025, G039, H018
MVE○○○○X○○S○○○	P042
MVS○○○○X○○S○○○	P020, P022, P024
MVS○○○○X○○S○○○PL	P020
MVX○○○○X○F○○○	P230
MWLN형	Q022
MWS○○○○LB/MB/SB/XB	P100
MWS○○○○X8DB	P104
MWS○○○○X○○DB	P102
MZE○○○○MA/SA/SB	P122

N

NA○형	Q027
NAPN○○형	Q027
NASP○○형	Q027
NF1000R○○○○○	M072
NFT형	Q025
NKY15S	D012-D014, D016, D018, D024, D030
NNMU2006○○ZE○-○○	L033, M056
NNMU2007○○ZE○-○○	L032, L033, M048
NNMU130508ZE○-○	L032, M040
NNMU130532ZEN-○	L032, M040, M044
NNMU200608ZEN-○○	L033, M048, M056
NP-CCGB○○○○○○GA2	B049
NP-CCGW○○○○○○F	B051
NP-CCGW○○○○○○FA	B051
NP-CCGW○○○○○○FA2	B050
NP-CCGW○○○○○○FBWL2	B050
NP-CCGW○○○○○○FS	B051
NP-CCGW○○○○○○FS2	B049
NP-CCGW○○○○○○FSWS2	B050
NP-CCGW○○○○○○G	B051, B052
NP-CCGW○○○○○○G2	B050
NP-CCGW○○○○○○GA2	B049
NP-CCGW○○○○○○GAWS2	B050

규격기호	페이지
NP-CCGW○○○○○○GBWL2	B050
NP-CCGW○○○○○○GH2	B049
NP-CCGW○○○○○○GN2	B050
NP-CCGW○○○○○○GS	B051
NP-CCGW○○○○○○GS2	B049
NP-CCGW○○○○○○GSWS2	B050
NP-CCGW○○○○○○SE2	B050
NP-CCGW○○○○○○SF2	B050
NP-CCGW○○○○○○T	B052
NP-CCGW○○○○○○TA2	B049
NP-CCGW○○○○○○TH2	B049
NP-CCGW○○○○○○TS2	B049
NP-CCMB○○○○○○G	B051
NP-CCMH○○○○○○○	B072
NP-CCMW○○○○○○○	B072
NP-CCMW○○○○○○F	B052
NP-CNGA○○○○○○FBWL2	B030
NP-CNGA○○○○○○FS2	B029
NP-CNGA○○○○○○FS4	B028
NP-CNGA○○○○○○FSWS2	B030
NP-CNGA○○○○○○FSWS4	B028
NP-CNGA○○○○○○G2	B029
NP-CNGA○○○○○○GA2	B029
NP-CNGA○○○○○○GA4	B028
NP-CNGA○○○○○○GAWS2	B030
NP-CNGA○○○○○○GAWS4	B028
NP-CNGA○○○○○○GBWL2	B030
NP-CNGA○○○○○○GH2	B029
NP-CNGA○○○○○○GH4	B028
NP-CNGA○○○○○○GN2	B029
NP-CNGA○○○○○○GN4	B028
NP-CNGA○○○○○○GS2	B029
NP-CNGA○○○○○○GS4	B028
NP-CNGA○○○○○○GSWS2	B030
NP-CNGA○○○○○○GSWS4	B028
NP-CNGA○○○○○○SE2	B029
NP-CNGA○○○○○○SF2	B029
NP-CNGA○○○○○○T2	B029
NP-CNGA○○○○○○TA2	B029
NP-CNGA○○○○○○TA4	B028
NP-CNGA○○○○○○TH2	B029
NP-CNGA○○○○○○TH4	B028
NP-CNGA○○○○○○TS2	B029
NP-CNGA○○○○○○TS4	B028
NP-CNMA○○○○○○F	B031
NP-CNMA○○○○○○G	B031
NP-CNMA○○○○○○GS	B031
NP-CNMA○○○○○○T	B031
NP-CNMM○○○○○○R/L-F	B068
NP-CPGB○○○○○○FS2	B053
NP-CPGB○○○○○○GA2	B053
NP-CPGB○○○○○○GS2	B053
NP-CPGB○○○○○○SE2	B053
NP-CPGB○○○○○○TA2	B053
NP-CPMB○○○○○○G	B053
NP-CPMH○○○○○○○	B072

규격기호	페이지	규격기호	페이지
NP-DCGW○○○○○○○F	B056	NP-SNMA○○○○○○○F	B038
NP-DCGW○○○○○○○FA2	B054	NP-SNMA○○○○○○○G	B038
NP-DCGW○○○○○○○FS2	B054	NP-SNMA○○○○○○○GS	B038
NP-DCGW○○○○○○○G	B056	NP-SNMA○○○○○○○T	B038
NP-DCGW○○○○○○○G2	B054	NP-SNMM○○○○○○○R/L-F	B069
NP-DCGW○○○○○○○GA2	B054	NP-TCGW○○○○○○○FA3	B057
NP-DCGW○○○○○○○GH2	B054	NP-TCGW○○○○○○○FS3	B057
NP-DCGW○○○○○○○GN2	B054	NP-TCGW○○○○○○○GA3	B057
NP-DCGW○○○○○○○GS	B056	NP-TCGW○○○○○○○GS3	B057
NP-DCGW○○○○○○○GS2	B054	NP-TCGW○○○○○○○SE3	B057
NP-DCGW○○○○○○○SF2	B055	NP-TCGW○○○○○○○SF3	B057
NP-DCGW○○○○○○○SE2	B055	NP-TCGW○○○○○○○TS3	B057
NP-DCGW○○○○○○○T	B056	NP-TNGA○○○○○○○FS3	B039
NP-DCGW○○○○○○○TA2	B054	NP-TNGA○○○○○○○FS6	B039
NP-DCGW○○○○○○○TH2	B055	NP-TNGA○○○○○○○G3	B040
NP-DCGW○○○○○○○TS2	B055	NP-TNGA○○○○○○○GA3	B039
NP-DCMT○○○○○○○R/L-F	B073	NP-TNGA○○○○○○○GA6	B039
NP-DCMW○○○○○○○G	B056	NP-TNGA○○○○○○○GH3	B039
NP-DNGA○○○○○○○FS2	B033	NP-TNGA○○○○○○○GH6	B039
NP-DNGA○○○○○○○FS4	B032	NP-TNGA○○○○○○○GN3	B040
NP-DNGA○○○○○○○G2	B034	NP-TNGA○○○○○○○GN6	B039
NP-DNGA○○○○○○○GA2	B033	NP-TNGA○○○○○○○GS3	B039
NP-DNGA○○○○○○○GA4	B032	NP-TNGA○○○○○○○GS6	B039
NP-DNGA○○○○○○○GAWS2JR/L	B035	NP-TNGA○○○○○○○SE3	B040
NP-DNGA○○○○○○○GH2	B033	NP-TNGA○○○○○○○SF3	B040
NP-DNGA○○○○○○○GH4	B032	NP-TNGA○○○○○○○T3	B040
NP-DNGA○○○○○○○GN2	B034	NP-TNGA○○○○○○○TA3	B040
NP-DNGA○○○○○○○GN4	B033	NP-TNGA○○○○○○○TA6	B039
NP-DNGA○○○○○○○GS2	B033	NP-TNGA○○○○○○○TH3	B040
NP-DNGA○○○○○○○GS4	B032	NP-TNGA○○○○○○○TH6	B039
NP-DNGA○○○○○○○GSWS2JR/L	B035	NP-TNGA○○○○○○○TS3	B039
NP-DNGA○○○○○○○SE2	B034	NP-TNGA○○○○○○○TS6	B039
NP-DNGA○○○○○○○SF2	B034	NP-TNMA○○○○○○○F	B040
NP-DNGA○○○○○○○T2	B034	NP-TNMA○○○○○○○G	B041
NP-DNGA○○○○○○○TA2	B034	NP-TNMA○○○○○○○GS	B040
NP-DNGA○○○○○○○TA4	B032	NP-TNMA○○○○○○○T	B041
NP-DNGA○○○○○○○TH2	B034	NP-TNMM○○○○○○○R/L-F	B069
NP-DNGA○○○○○○○TH4	B032, B033	NP-TPGB○○○○○○○FS3	B058
NP-DNGA○○○○○○○TS2	B034	NP-TPGB○○○○○○○GA3	B058
NP-DNGA○○○○○○○TS4	B032	NP-TPGB○○○○○○○GH3	B058
NP-DNMA○○○○○○○F	B036	NP-TPGB○○○○○○○GS3	B058
NP-DNMA○○○○○○○G	B036	NP-TPGB○○○○○○○SE3	B059
NP-DNMA○○○○○○○GS	B036	NP-TPGB○○○○○○○SF3	B058
NP-DNMA○○○○○○○T	B036	NP-TPGB○○○○○○○TA3	B058
NP-DNMM○○○○○○○R/L-F	B068	NP-TPGB○○○○○○○TH3	B058
NP-GDCN2004PDSR3	L053, M073	NP-TPGX○○○○○○○F	B059
NP-GDCW1240PDFR2	L053, M071	NP-TPGX○○○○○○○G	B059
NP-SNGA○○○○○○○FS2	B037	NP-TPGX○○○○○○○GA3	B059
NP-SNGA○○○○○○○G2	B037	NP-TPGX○○○○○○○GS3	B059
NP-SNGA○○○○○○○GA2	B037	NP-TPGX○○○○○○○T	B059
NP-SNGA○○○○○○○GA4	B037	NP-TPMB○○○○○○○G	B059
NP-SNGA○○○○○○○GS2	B037	NP-TPMH○○○○○○○R/L-F	B075
NP-SNGA○○○○○○○SE2	B037	NP-TPMX○○○○○○○R/L-F	B075
NP-SNGA○○○○○○○SF2	B037	NP-VBGT○○○○○○○R-F	B077
NP-SNGA○○○○○○○T2	B037	NP-VBGW○○○○○○○FS2	B061
NP-SNGA○○○○○○○TS2	B037	NP-VBGW○○○○○○○G	B062

규격색인

규격기호	페이지
NP-VBGW○○○○○○GA2	B061
NP-VBGW○○○○○○GH2	B061
NP-VBGW○○○○○○GS2	B061
NP-VBGW○○○○○○SE2	B061
NP-VBGW○○○○○○SF2	B061
NP-VBGW○○○○○○TA2	B061
NP-VBGW○○○○○○TH2	B061
NP-VBGW○○○○○○TS2	B061
NP-VCGT○○○○○○R-F	B077
NP-VCGW○○○○○○FS2	B062
NP-VCGW○○○○○○GA2	B062
NP-VCGW○○○○○○GH2	B062
NP-VCGW○○○○○○GS2	B062
NP-VCGW○○○○○○TA2	B062
NP-VCGW○○○○○○TH2	B062
NP-VCGW○○○○○○TS2	B062
NP-VNGA○○○○○○G2	B043
NP-VNGA○○○○○○FS2	B042
NP-VNGA○○○○○○FS4	B042
NP-VNGA○○○○○○G2	B043
NP-VNGA○○○○○○GA2	B042
NP-VNGA○○○○○○GA4	B042
NP-VNGA○○○○○○GH2	B042
NP-VNGA○○○○○○GH4	B042
NP-VNGA○○○○○○GN2	B043
NP-VNGA○○○○○○GS2	B042
NP-VNGA○○○○○○GS4	B042
NP-VNGA○○○○○○SE2	B043
NP-VNGA○○○○○○SF2	B043
NP-VNGA○○○○○○T2	B043
NP-VNGA○○○○○○TA2	B042
NP-VNGA○○○○○○TA4	B042
NP-VNGA○○○○○○TH2	B043
NP-VNGA○○○○○○TH4	B042
NP-VNGA○○○○○○TS2	B042
NP-VNGA○○○○○○TS4	B042
NP-VNMA○○○○○○F	B043
NP-VNMA○○○○○○G	B043
NP-VNMA○○○○○○GS	B043
NP-VNMA○○○○○○T	B043
NP-VNMM○○○○○○R/L-F	B070
NP-WCMW○○○○○○FA	B063
NP-WFC42ZFER2	L055
NP-WNGA○○○○○○FS3	B044
NP-WNGA○○○○○○FS6	B044
NP-WNGA○○○○○○GA3	B044
NP-WNGA○○○○○○GA6	B044
NP-WNGA○○○○○○GAWS3	B044
NP-WNGA○○○○○○GH3	B044
NP-WNGA○○○○○○GS3	B044
NP-WNGA○○○○○○GS6	B044
NP-WNGA○○○○○○GSWS3	B044
NP-WNGA○○○○○○SE3	B044
NP-WNGA○○○○○○SF3	B044
NP-WNGA○○○○○○TA3	B044
NP-WNGA○○○○○○TH3	B044

규격기호	페이지
NP-WNGA○○○○○○TS3	B044
NP-WNGA○○○○○○TS6	B044
NPX형	Q043
NR10000형	Q030
NS○○○	Q006
NS○○○W	Q006
NSE300형	Q037
NSE300형	Q031
NSE400형	Q037
NSE400형	Q031
NTF형	Q025
NV○형	Q027
NVPN형	Q027
NVSP형	Q027
O	
OCTACUT○○○○○○○	M181, M182
OCTACUT○○○S32○○	M180
OEMX○○○○○E○R1	L033, L053, M183
OEMX○○○○○E○R1-JS	L033, M183
ORGW○○○N9	F111
P	
P425형	Q031
P525형	Q031
P○○AM	E035-E038
PCBNR/L○○○○○○○	C009, Q018
PCFN형	Q018
PCLNR/L○○○○○○○	C008, Q018
PCLNR/L○○CA○○	N006
PDHNR/L○○○○○○○	C011
PDJNR/L○○○○○○○	C010
PMC○○R○○○AM○○○	M254
PMF○○○○○A○○R	M256
PMFA○○R	M256
PMR○○○○○○A○○R	M258
PMR○○○○○○○R	M258
PRDCN○○○○○○○	C024, Q018
PRGCR/L○○○○○○○	C024, Q018
P○○S	C020, G038, F126, Q014
PS○○	Q010
PSBNR/L○○○○○○○	C012, Q018
PSDNN○○○○○○○	C014
PSKNR/L○○○○○○○	C015, Q018
PSKNR/L○○CA○○	N006
PSSNR/L○○○○○○○	C013, Q018
PSSNR/L○○CA○○	N006
PSTNR/L○○○○○○○	C013
PSYNR○○CA○○	N006
PT○○	Q010
PTAN형	Q018
PTBN형	Q018
PTFE형	Q022
PTFNR/L○○○○○○○	C017, Q018
PTFNR/L○○CA○○	N006
PTGE형	Q022

규격기호	페이지	규격기호	페이지
PTGNR/L○○○○○○○○○	C016, Q018	SBAHR○○○○○	D030
PTGNR/L○○○CA○○○	N006	SBAT○○○○○○○L	D030
PTTNR○○○CA○○○	N006	SBAT○○○○○○○L-B	D030
PTTN형	Q018	SBH○○○○○R	E024, F123, G034
PT○○TOR	Q011	SBR○○○	N015
P○○○US	Q014	SCACR/L○○○○○○○○○-SM	D008
PV○○○	Q012	SCD43	Q029
PVJNR/L○○○○○○○○○	C018	SCLCR/L○○○○○○○○○	C022
PVPNR/L○○○○○○○○○	C020, Q020	SCLCR/L○○○○○○○○○-SM	D008
PVVNN○○○○○○○○○	C019, Q020	SC○○M○○S10-BT○○○	M270
P○○○W	Q014	SC○○M○○S○○-HSK63A	M270
PWLNR/L○○○○○○○○○	C021	SC○○M○○S○○○S/L	M269
P○○○WS	Q014	SC○○M○○S○○○SW/LW	M269
Q		SCMT○○○○○○○	A158
QB○○○○○○○○○	N021	SCMT○○○○○○○-FM	A157
QBF407R형	Q031	SCMT○○○○○○○-FP	A157
QBP415형	Q031	SCMT○○○○○○○-FV	A157
QF10000형	Q031	SCMT○○○○○○○-LM	A157
QFA○○○○○○○	N019	SCMT○○○○○○○-LP	A157
QFA○○○○○○○BOR/L	N018	SCMT○○○○○○○-MK	A158
QFA○○○○○○○NOR/L	N018	SCMT○○○○○○○-MM	A157
QFB○○○○○○○	N019	SCMT○○○○○○○-MP	A157
QING	M271	SCMT○○○○○○○-MS	A158
QOGT○○○○○R-G1	L034, M157	SCMW○○○○○○○	A158
QOMT○○○○○R-M2	L034, M157	SCP○○○R/L	Q031
QPAR1	Q031, Q032	SD	P176, P178
QPCR1	Q031	SD○○	E042, Q006
QSE415형	Q032	SDEN1203AEN	L035
QWGR1	Q031	SDFC형	Q021
R		SDJCR/L○○○○○○○○○	C023, Q021
RBH○○○○○N	E018, E023, F122, G035	SDJCR/L○○○○○○○○○-SM	D009
RCGT○○○○○M0-AZ	A156	SDJER/L○○○○○○○○○	C032
RCMT○○○○○M0	A156	SDKN1203AEN	L035
RCMX○○○○○M0	A156	SDKN○○○○○AE○○○	L035
RCMX○○○○○M0-RR	A156	SDLS	P179
RDMW○○○○○M0E	L034, M192	SDNCN○○○○○○○	C023
REMX1705SN	L034, M183	SDNCR/L○○○○○○○○○-SM	D009
REMX○○○○○EN-JS	L034, M183	SDNEN○○○○○○○	C032
RGEN2004M0○N	L035, M065	SDXC형	Q021
RKY25S	M066-M068	SE300형	Q037
RNGN○○○○○○○	B046	SE300형	Q032
RNMG○○○○○○○	A114	SE400형	Q032
RN-S○○○	Q006	SE415형	Q032
RPH/MT○○○○○M0E4○	L034, M189	SE445형	Q032
RPMT○○○○○M0E-JS	L035, M199	SE545형	Q032
RPMW○○○○○M0○	L035, M199	SE515R○○○○○○○	M062
RS○○○○○T	Q006	SEA42C10GR/L	L035, M267
RTG○○○	A179, B063, C035	SECN1203AFFR1	L053
S		SECN○○○○○AFTN1	L035
S○	Q006	SECN○○○○○EFOR1	L036, L053, M063
S2SDA	J392	SED2KMG	J091
SBA○○○-ES-M	N025	SED2KPG	J092
SBA○○○-ES-M○	N025	SEE2L	J110
		SEE4L	J186
		SEEN○○○○○AFON1	L035, L036
		SEEN○○○○○EFOR1	L036, M063

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SEER1203EFER-JS	L036	SNMG000000-MM	A116
SEER0000AFEN-JS	L036	SNMG000000-MP	A116
SEET13T3AGEN-JL	L037, M033	SNMG000000-MS	A117
SEF0000	M268	SNMG000000-RK	A119
SEG4SA	J185	SNMG000000-R/L-1G	A116
SEGT13T3AGFN-JP	L037, M033	SNMG000000-RM	A118
SEKN1203AGTN	L037	SNMG000000-RP	A118
SEKN0000AFON1	L035, L036	SNMG000000-RS	A119
SEKN0000AFTN	L035	SNMG000000-SA	A116
SEKN0000EFOR	L036	SNMG000000-SH	A115
SEKN0000EFOR1	L036, M063	SNMG000000-SY	A116
SEMT13T3AGSN-00	L037, M033	SNMM000000-HL	A119
SEPDM	P142	SNMM000000-HM	A120
SEPDS	P140	SNMM000000-HR	A119
SETHR형	Q021	SNMM000000-HV	A119
SETK00	G019, G038, H016, Q015	SNMM000000-HX	A119
SETS00	G019, G038, H016, Q006	SNMM000000-HZ	A120
SFAN1203ZFFR/L2	L037	SNMN000000	A138, L038
SFCN1203ZFFR/L2	L037, L053	SNMU000000AN00-0	L038, M023
SG20R000000	M064	SNTF형	Q025
SH0000-FSDUCL00	D026	SOET12T308PEER-JL	L038, M084
SHP400형	Q037	SOGT12T308PEFR-JP	L038, M084
SHP400형	Q033	SOGX000000-00	L057, P237
SL3200-90	H022	SOMT12T300PEER/L-00	L039, M084, M095
SLCS0000	Q006	SOMX000000-00	L056, L057, P237
SLCW00	Q021	SONX1206PER/L	L039, M078, M094
SLN00	Q021	SPC53Z	L039, M075
SL-ONEN120404ASN	L053, M061	SPEN1203EEER/L1	L040
SLP00	Q021	SPEN1203EETR1	L053
SLSTN00	Q021	SPEN0000A	L039, M263, M265
SMGHR00000000	F118, G026	SPEN0000EDR	L040
SMGTR00000000	F118	SPER1203EEER-JS	L040
SMGTR000000000	G027	SPGN000000	A180, B064, B081, L040
SMTTR000000000	F118, G027	SPGR000000R	A180
SNC43B20	L038	SPGX000000	A159, B073
SNCF43B20	L038	SPKN0000EDR	L040
SNGA00000000	A120, B038, B069	SPMB1204APT	L040
SNGG00000000R/L	A118	SPMN000000	A180, L040
SNGN00000000	A138, B047, B071	SPMN0000000T	A180, L040
SNGU00000000AN0R/L-0	L038, M023	SPMR000000	A180
SNK43B20	L038	SPMT000000	A159
SNMA00000000	A120	SPMT120408-A	L041
SNMG00000000	A118	SPMW00000000	A159, L041, M247
SNMG00000000-C	A116	SPMX120408-00	L041, M217
SNMG00000000-FH	A115	SPNN1203EEER/L1	L040
SNMG00000000-FP	A115	SPS1	Q006
SNMG00000000-FS	A115	SPSE0000R/L	M062, Q032
SNMG00000000-GH	A119	SPSEW0000R/L	Q032
SNMG00000000-GK	A117	SPSG20R	M065
SNMG00000000-GM	A117	SPSHP400R/L	Q037
SNMG00000000-LK	A115	SPSVN32	Q012
SNMG00000000-LM	A115	SPTSE300R	Q031
SNMG00000000-LP	A115	SPTSE400R	Q031
SNMG00000000-MA	A117	SPX4-0000024A058RA	M216
SNMG00000000-MH	A117	SPX4R00000000A058A	M216
SNMG00000000-MK	A117	SPX4R00000000BT5000	M215

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SPX4R○○○○○BT50N○○	M215	STPMRON	M258
SPX4R○○○○○MT5N○	M215	STS1	Q006
SPX4R○○○○○WN○○	M215	STSE○○○R/L	M062, Q032
SRBT○○	L041, M230	STSP415R	Q029, Q031
SRDCN○○○○○○○	C025, Q021	STTPR○○CA○○	N010
SRE형	Q038	SUFT○○R○○	L043, M234
SRFH○○AM○○○○	M229, M233	SVJBR/L○○○○○○○-SM	D010
SRFH○○S○○○	M228, M232	SVJCR/L○○○○○○○	C028, Q021
SRFH○○S○○○○W	M229, M233	SVJCR/L○○○○○○○-SM	D011
SRFT○○	L041, M230	SVJDR/L○○○○○○○	C034
SRG○○C/E	L042, M239, M245	SVLPR/L○○○○○○○-SM	D010
SRGCR/L○○○○○○○	C025, Q021	SVPCR/L○○○○○○○	C029, Q021
SRK1R	Q015	SVPD형	Q022
SRM2○○○AM○○S/L○○	M238	SVPPR/L○○○○○○○-SM	D011
SRM2○○○M/S/WNL○	M244	SVVBR/L○○○○○○○-SM	D011
SRM2○○○S○○	M236, M237	SVVCN○○○○○○○	C028, Q021
SRM○○C-M	L042, M239	SVVDN형	Q022
SRM○○E-M	L042, M239	SXZCR/L○○○○○○○15	C030
SRS5	Q006	T	
SRSGN형	Q021	TAB형	Q043
SRSGR/L형	Q021	TAF/L/M/S○○○○○F○○	P242
SRXCR/L형	Q021	TAGS/M형	Q042
SSBCR/L형	Q021	TASS형	Q041
S○○SCLCR/L○○	E030	TAWBH○○○○○T	L059, P229
S○○SCLPR/L형	Q024	TAW○B○○○○○S32	P229
S○○SCZCR/L○○	E034, Q026	TAWC12T301-45GM	L061
S○○SDQCR/L○○	E031, Q026	TAWKH○○○○○TG	L060, P226
S○○SDUCR/L○○	E029	TAWNH○○○○○T	L058, P224
S○○SDZCR형	Q026	TAW○N○○○○○S○○	P219
SSE41R/L	Q029	TBE1형	Q039
SSKPR○○CA○○	N010	TBE2형	Q039
SSP○○R/L	Q031	TBGN○○○○○○○	B065
SSSCR/L○○○○○○○	C026	TCGN○○○○○○○	A181
S○○SSKCR/L○○	E033, Q026	TCGT○○○○○○○-AZ	A160
SSSPR○○CA○○	N010	TCGT○○○○○○○MR/L-F	A160
S○○STFCR/L○○	E028	TCGT○○○○○○○R/L-F	A160
S○○STFER/L○○	E043	TCGW○○○○○○○	A162, B074
S○○STFPR형	Q024	TCGW○○○○○○○FS	B057
S○○SVQCR/L○○	E032	TCMT○○○○○○○	A162
S○○SVUCR/L○○	E033	TCMT○○○○○○○-FM	A160
S○○SWLPR/L형	Q024	TCMT○○○○○○○-FP	A160
SSYPR○○CA○○	N010	TCMT○○○○○○○-FV	A160
STASX○○○N	M032, M080, M082, Q012	TCMT○○○○○○○-LM	A161
STAWK○○○○○TG	L064, L065, P210, P215	TCMT○○○○○○○-LP	A161
STAW○N○○○○○S○○	P210	TCMT○○○○○○○-LS	A161
STAWN○○○○○T	L063, P214	TCMT○○○○○○○-MK	A161
STAWN○○○○○TH	L062, L063, P210, P213	TCMT○○○○○○○-MM	A161
STAW○S○○○○○S○○	P210	TCMT○○○○○○○-MP	A161
STBE445NF	Q030	TCMT○○○○○○○-MS	A161
STBS500N	Q012	TCMW○○○○○○○	A162, B057, B074
STFER/L○○○○○○○	C033	TD	P194
STFPR/L○○CA○○	N010	TECN1603PE○R1W	L044
STGCR/L○○○○○○○	C027	TECN○○○○○PE○R1	L044, L054
STGER/L○○○○○○○	C033	TEEN○○○○○PE○R1	L043
STGPR○○CA○○	N010	TEER○○○○○PEER-JS	L044
STLG형	Q038		

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TEGX○○○○○○○	B079
TEGX○○○○○○○R/L	A163, B079
TEKN○○○○PE○R	L044
TEKN○○○○PE○R1	L044
TFS○○○○○	G028
TIP○○○	Q002
TKY○○○	Q002
TLHR○○○○	C035
TNGA○○○○○	A127, B041, B069
TNGG○○○○○-PK	A121
TNGG○○○○○R/L	A125, A126
TNGG○○○○○-R/L-F	A122
TNGG○○○○○-R/L-FS	A121
TNGG○○○○○-R/L-K	A123
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TNMA○○○○○	A127
TNMG○○○○○	A125
TNMG○○○○○-C	A123
TNMG○○○○○-FH	A121
TNMG○○○○○-FP	A121
TNMG○○○○○-FS	A121
TNMG○○○○○-FY	A121
TNMG○○○○○-GH	A126
TNMG○○○○○-GK	A124
TNMG○○○○○-GM	A124
TNMG○○○○○-LK	A122
TNMG○○○○○-LM	A122
TNMG○○○○○-LP	A122
TNMG○○○○○-LS	A122
TNMG○○○○○-MA	A124
TNMG○○○○○-MH	A124
TNMG○○○○○-MJ	A123
TNMG○○○○○-MK	A123
TNMG○○○○○-MM	A123
TNMG○○○○○-MP	A123
TNMG○○○○○-MS	A124
TNMG○○○○○-RK	A126
TNMG○○○○○-R/L-1G	A123
TNMG○○○○○-R/L-2G	A125
TNMG○○○○○-R/L-ES	A125
TNMG○○○○○-RM	A126
TNMG○○○○○-RP	A126
TNMG○○○○○-RS	A126
TNMG○○○○○-SA	A122
TNMG○○○○○-SH	A122
TNMG○○○○○-SY	A123
TNMM○○○○○-HL	A127
TNMM○○○○○-HZ	A127
TNMN○○○○○	A139
TNMX○○○○○-MW	A125
TNMX○○○○○-SW	A123
TNP-CCGW○○○○○G2	B050
TNP-CNGA○○○○○G2	B030
TNP-CNGA○○○○○T2	B030
TNP-DCGW○○○○○G2	B055
TNP-DNGA○○○○○G2	B035

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TNP-SNGA○○○○○G2	B037
TNP-SNGA○○○○○T2	B037
TNP-TNGA○○○○○G3	B040
TNP-TNGA○○○○○T3	B040
TNP-VNGA○○○○○G2	B043
TNP-VNGA○○○○○T2	B043
TPEN○○○○P○R	L044
TPEW○○○○ZP○R2	L044, L054, M256
TPGH○○○○○R/L-FS	A164
TPGN○○○○○	A182, B065, B081
TPGR○○○○○R/L	A182
TPGT○○○○○R/L-F	B075
TPGV○○○○○R/L-F	B076
TPGX○○○○○	A166, B060, B076
TPGX○○○○○R/L	A165
TPKN○○○○P○R	L044
TPMH○○○○○-FV	A164
TPMH○○○○○-MV	A165
TPMH○○○○○-SV	A165
TPMN○○○○○	A182, L045
TPMR○○○○○	A182
TPMX○○○○○	A165
TPMX○○○○○L	A165
TPNX1605N	L045
TPS○○	Q008
TPS○○○	Q008
TPS○○○	Q008
TPS351B	Q008
TRM2형	Q040
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TS○	Q007
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TSR○○○○○S	Q008
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TTAT○○○○○R/L○-B	D024
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U	
UCR	Q015
UGHN○○○	F114
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V10000R○○○○○	M070
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VAMFPR	J404	VCMT○○○○○○-LS	A171
VAMH	J393	VCMT○○○○○○-MK	A171
VAMR	J406	VCMT○○○○○○-MM	A171
VAPDJ	P153	VCMT○○○○○○-MP	A171
VAPDM	P149	VCMT○○○○○○-MS	A171
VAPDMSUS	P161	VCMT○○○○○○-MV	A172
VAPDS	P144	VCMT○○○○○○-SV	A171
VAPDSCB	P168	VCMW○○○○○○	A172
VAPDSSUS	P155	VCPSRB	J318, J322
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VBET○○○○○○R/L-SN	A169	VDGX○○○○○○R/L	A173
VBET○○○○○○R/L-SR	A169	VDGX○○○○○○R/L-F	B080
VBET○○○○○○R/LW-SN	A169	VF2MD	J068
VBGT○○○○○○R/L-F	A167	VF2MV	J070
VBMT○○○○○○	A168	VF2SDB	J216
VBMT○○○○○○-FM	A167	VF2SDBL	J217
VBMT○○○○○○-FP	A167	VF2WB	J219
VBMT○○○○○○-FV	A167	VF2XL	J072
VBMT○○○○○○-LM	A167	VF2XLB	J222
VBMT○○○○○○-LP	A167	VF2XLBS	J220
VBMT○○○○○○-LS	A168	VF3XB	J260
VBMT○○○○○○-MK	A168	VF4MB	J272
VBMT○○○○○○-MM	A168	VF4MD	J164
VBMT○○○○○○-MP	A168	VF4MV	J166
VBMT○○○○○○-MS	A168	VF6MHV	J189
VBMT○○○○○○-MV	A169	VF6MHVRB	J344
VBMT○○○○○○-SV	A168	VF6SVRCH	J369
VBMW○○○○○○	A169	VF8MHVCH	J194
VC2C	J082	VF8MHVRBCH	J350
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VC4JC	J170	VFMFPR	J368
VC4JRB	J326	VFMHVCH	J167
VC4MC	J168	VFMHVRBCH	J304
VC4SRB	J324	VFR2SB	J212
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VCGT○○○○○○-AZ	A170	VFR2SSB	J210
VCGT○○○○○○M-LS	A171	VFSD	J190
VCGT○○○○○○M-LS-P	A171	VFSDRB	J346
VCGT○○○○○○R/L-F	A170	VFSFPR	J365
VCHFRB	J328, J329	VFSFPRCH	J367
VCHSM	P135	VFX5-○○○○○○A○○○R	M220
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VCMDSC	J172	VIP400형	Q033
VCMH	J126	VIP445형	Q033
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VCMT○○○○○○	A172	VNGA○○○○○○	A131, B043, B070
VCMT○○○○○○-FM	A170	VNGG○○○○○○-FJ	A128
VCMT○○○○○○-FP	A170	VNGG○○○○○○R/L	A131
VCMT○○○○○○-FV	A170	VNGG○○○○○○-R/L-F	A128
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VNMA○○○○○○○	A131
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VNMG○○○○○○○-FP	A128
VNMG○○○○○○○-FS	A128
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WECO○EF○R5C	L050, M063
WEEW13T3AG○R○C	L050, L055, M034
WFC42ZFER2	L055
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WNMG○○○○○○○-LK	A133
WNMG○○○○○○○-LM	A132
WNMG○○○○○○○-LP	A132
WNMG○○○○○○○-LS	A133
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Memo

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인
생

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절삭공구제품의 안전에 대해서

1. 절삭공구제품의 사용에 있어서

절삭공구제품의 사용에 있어서는 본설명서의 내용을 주지하신뒤에 귀사안전교육의 일환으로서 작업자 전원에게 철저히게 주지시키실 것을 부탁드립니다.

2. 절삭공구재료의 기본적 특징

● 본 카탈로그에서 사용하는 용어의 의미

절삭공구재료 : 초경합금, 서멧, 세라믹, CBN소결체 및 다이아몬드전착품, 하이스, 합금강등의 공구재료의 총칭.

● 물리적 특성

외관 : 재질에 따라 다르다. 회색, 흑색, 금색등의 금속질

냄새 : 무취

경도, 비중 :

절삭공구재료	경도(HV)	비중	절삭공구재료	경도(HV)	비중
하이스	200-1200kg/mm ²	7-9	CBN소결체	2000-5000kg/mm ²	3-5
초경합금	500-3000kg/mm ²	9-16	다이아몬드 소결체	8000-12000kg/mm ²	3-5
서멧	500-3000kg/mm ²	5-9	합금강	200-1200kg/mm ²	7-9
세라믹	1000-4000kg/mm ²	2-7	다이아몬드 전착품	8000-12000kg/mm ²	3-5

● 성분

W, Ti, Al, Si, Ta, B, V등의 탄화물, 질화물, 탄질화물, 산화물 및 이에 더해서 Fe, Co, Ni, Cr, Mo등의 금속성분을 포함합니다.

3. 절삭공구제품의 안전성에 대해서

○초경합금제품은 비중이 크므로 대형제품이나, 수량이 많은 경우에는 중량물로서 취급에 주의해 주십시오.

○절삭공구제품은 연삭가공이나 가열시 분진이나 연무(미스트)가 발생합니다.

다량으로 흡입하거나 마시거나, 눈이나 피부와 접촉하거나 하면 인체에 유해한 경우가 있습니다.

연삭가공하는 경우에는 분진이나 먼지가 인체에 직접 닿지 않도록 주의하고 부분배기장치나 보호마스크, 보호안경, 보호장갑등의 사용을 추천합니다. 또한 분진등이 손에 묻은 경우에는 물과 세제로 잘 씻어 주십시오. 작업장소에서 음식은 먹지않도록 하고, 먹기전에는 손을 씻어 주십시오.

옷에 묻은 분진은 털지 말고 청소기 등으로 제거 또는 세탁을 하여 주십시오.

○초경합금등의 절삭공구에 함유된 코발트 및 니켈은 인간에게 발암의 가능성이 보고되어져 있습니다. 또한 이들 금속의 분진이나 먼지를 반복적 또는 장기적으로 접촉하면 피부, 호흡기관, 심장 등에 영향을 미칠 가능성이 보고되어져 있습니다.

○상세한 정보는 미쓰비시에서 발행하는 안전 데이터 시트

Home page: <http://www.carbide.mht.co.th/download/safety>

4. 절삭공구제품의 취급상 주의사항

○초경공구재료는 표면상태에 의해 강도가 현저하게 저하되는 경우가 있습니다. 정삭시에는 반드시 다이아몬드 저석을 사용해 주십시오.

○절삭공구재료는 대단히 단단한 반면 무른 특성도 갖고 있습니다. 따라서 충격이나 무리한 체결등으로 파손되는 경우가 있으니 주의해 주십시오.

○초경공구재료는 일반적으로 금속재료에 비해서 열팽창계수가 작고, 열박음, 냉박음된 제품은 사용온도가 설계치와 다르거나 현저하게 높은(낮은)경우, 금이 가는 수가 있습니다.

○절삭공구재료는 절삭액이나 윤활액, 기타 수분등으로 부식되면 강도의 저하를 초래하므로 보관상태에 충분히 주의해 주십시오.

○절삭공구제품을 브레이징하는 경우에, 브레이징재의 용점온도보다 낮거나 또는 높아지면 탈락이나 파손되는 경우가 있으니 주의해 주십시오.

○절삭가공제품의 재연삭가공시에 조건에 따라서는 균열이 발생할 가능성이 있으므로 연삭가공후에 균열의 유무를 확인해 주십시오.

○절삭공구제품을 방전가공하면 표면에 잔류균열이 발생하여 강도저하를 부릅니다. 필요하면 정삭연삭에서 균열을 완전히 제거해 주십시오.

절삭공구의 사용상 주의사항

대 상 제 품	위 험 성	대 책
절삭공구 전반	◎날카로운 절인을 갖고 있으므로 직접 손에 닿으면 상처를 입을 위험이 있습니다.	※특히 케이스에서 꺼낼때나 기계에 장착할 때에는 보호장갑등의 보호구를 사용해 주십시오.
	◎사용방법을 잘못 알거나 사용조건이 부적절한 경우, 공구의 파손이나 비산, 상처의 위험이 있습니다.	※안전커버나 보호안경등의 보호구를 사용해 주십시오. ※추천조건외의 범위내에서 사용해 주십시오. 취급설명서, 카탈로그등을 참조해 주십시오.
	◎충격적부하나, 과도한 마모는 절삭저항의 급격한 증가에 의해 공구가 파손, 비산하여 상처를 입을 위험이 있습니다.	※안전커버나 보호안경등의 보호구를 사용해 주십시오. ※공구교환은 빨리 해 주십시오.
	◎공구나 피삭재는 절삭시, 고온이 됩니다. 가공직후에 직접 손으로 만지면 화상의 위험이 있습니다.	※보호장갑등의 보호구를 사용해 주십시오.
	◎고온의 칩이 비산하거나 롱칩이 배출되어 상처나 화상의 위험이 있습니다.	※안전커버나 보호안경등의 보호구를 사용해 주십시오. ※칩 제거시에는 기계를 정지시킨 후 보호장갑을 착용하고 니퍼, 클리퍼 등의 공구를 사용하여 주십시오.
	◎절삭중에 발생하는 불꽃이나 파손에 의한 발열, 칩으로 인한 인화, 화재의 위험이 있습니다.	※인화나 폭발의 위험이 있는 곳에서는 사용하지 말아 주십시오. ※비수용성 절삭유제를 사용하는 경우에는 방화대책을 반드시 해 주십시오.
	◎고속회전으로 사용하는 경우에는, 공구기계 보지부분을 포함한 밸런스가 나쁘면 조절정도가 나빠서 생기는 진동에 의해 공구가 파손하여 상처를 입을 위험이 있습니다.	※안전커버나 보호안경등의 보호구를 사용해 주십시오. ※시운전을 반드시 실시하여 조절정도, 진동, 이상음이 없는 것을 확인해 주십시오.
	◎가공물에 생긴 버에 직접 손을 대면 상처를 입을 위험이 있습니다.	※맨손으로 만지지 말아 주십시오.
슬로웨이식 (인선교환식) 공구전반	◎팁이나 부품이 확실하게 클램프되어 있지 않으면 절삭중에 탈락, 비산하여 상처를 입을 위험이 있습니다.	※착좌면이나 고정용 부품에 이물등의 부착물이 없도록 청소하고 나서 팁을 체결해 주십시오. ※체결은 부속 스패너를 이용해서 팁이나 부품이 확실하게 클램프되어 있는 것을 확인해 주십시오. 또한 소정의 팁, 부품 이외에는 절대로 사용하지 말아 주십시오.
	◎파이프등의 보조구를 사용해서 너무 강하게 체결하면 팁이나 공구가 파손하여 탈락, 비산의 위험이 있습니다.	※파이프등의 보조구는 사용하지 말아 주십시오. 부속의 스패너를 사용해 주십시오.
	◎공구를 고속회전으로 사용하는 경우, 원심력으로 부품, 팁이 비산하는 경우가 있어 대단히 위험합니다. 취급시에는 안전면에 충분히 주의해 주십시오.	※추천조건외의 범위내에서 사용해 주십시오. 취급설명서, 카탈로그등을 참조해 주십시오.
각종 커터 기타 회전해서 사용하는 공구	◎커터류는 날카로운 절인을 갖고 있으므로 직접 손을 대면 상처를 입을 위험이 있습니다.	※보호장갑등의 보호구를 사용해 주십시오.
	◎공구는 편심회전이나 밸런스가 나쁘면 떨림 또는 진동이 발생하고 이로 인한 파손 및 비산에 의한 상처를 입는 경우가 있습니다.	※회전속도는 추천조건외의 범위내에서 사용해 주십시오. ※축받이등의 마모에 의해 편심회전이나 진동등이 발생하지 않도록 정기적으로 회전부의 정도 및 밸런스의 조절을 해 주십시오.
드 릴	◎가공물회전에서 관통구멍을 가공하는 경우, 관통시에 남아 있는 절삭부가 고속으로 비산하는 경우가 있습니다. 이 원반은 예리하기때문에 대단히 위험합니다.	※안전커버나 보호안경등의 보호구를 사용해 주십시오. 또한 척부에 커버를 설치하는 등의 장치를 해 주십시오.
	◎극소경드릴에서는 선단이 뾰족하고 대단히 예리하게 되어 있는 것이 있습니다. 손끝 등으로 직접 만지면 찢리거나 부러져서 빼낼 수 없는 경우가 있습니다. 또한 부러지면서 비산하는 경우가 있습니다.	※취급시에는 안전면에 충분히 주의해 주십시오. 보호장갑, 보호안경등을 사용해 주십시오.
용접공구	◎팁의 탈락, 파손등에 따라 상처를 입을 위험이 있습니다.	※사용전에 확실하게 브레이징 되어 있는 것을 확인해 주십시오. ※고온이 될듯한 조건에서는 사용치 말아 주십시오.
기 타	◎소정의 용도 이외의 목적으로 사용하는 것은 기계나 공구의 파손을 불러 대단히 위험합니다.	※정해진 사용방법을 준수해 주십시오.

마지막으로

이 카탈로그의 내용은, 안전상 기본적인 항목에 대해서 기재하고 있습니다. 기타 상세한 것은 각공구의 취급설명서, 각종 팜플렛 등을 참조하던지, 당사에 문의해 주십시오.

또한 당사의 양해없이 이루어진 개조 등의, 사양변경이 원인으로 발생한 사고 등에 대해서는 책임을 지지 않습니다.