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T1~T19

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ABW	○○R○○○○M	**B77**	Insert (Turning)
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CCGT ○○○○○○MFP-GQ	**B46**	Insert (Turning)
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CCLN R/L ○○○○□-○○	**D22**	Toolholder (Turning)
CCLN R/L ○○○○□-○○A	**D32**	Toolholder (Turning)
CCLN R/L ○○○○B-○○A	**F73**	Boring Bar / Previous Description
CCLN R/L ○○○○□-○○GX	**D28**	Toolholder (Turning)
CCMT ○○○○○○	**B47, C23**	Insert (Turning)
CCMT ○○○○○○GK	**B47**	Insert (Turning)
CCMT ○○○○○○HQ	**B47**	Insert (Turning)
CCMT ○○○○○○MQ	**B47**	Insert (Turning)
CCMT ○○○○○○NE	**C23**	Insert (Turning)
CCMT ○○○○○○SE	**C23**	Insert (Turning)
CCMW ○○○○○○ME	**C14**	Insert (Turning) / Previous Description
CCMW ○○○○○○SE	**C14**	Insert (Turning) / Previous Description
CCMW ○○○○○○SE-T	**C14**	Insert (Turning) / Previous Description
CCMW ○○○○○○S○○○○○MES	**C14**	Insert (Turning)
CCMW ○○○○○○S○○○○○SET	**C14**	Insert (Turning)
CCMW ○○○○○○T○○○○○ME	**C14**	Insert (Turning)
CCMW ○○○○○○T○○○○○SE	**C14**	Insert (Turning)
CCMW ○○T○○○ME	**C14**	Insert (Turning) / Previous Description
CCMW ○○T○○○ME-T	**C14**	Insert (Turning) / Previous Description
CCMW ○○T○○○SE	**C14**	Insert (Turning) / Previous Description
CCMW ○○T○○○SE-T	**C14**	Insert (Turning) / Previous Description
CCMW ○○T○○○S○○○○○MES	**C14**	Insert (Turning)
CCMW ○○T○○○S○○○○○MET	**C14**	Insert (Turning)
CCMW ○○T○○○S○○○○○SET	**C14**	Insert (Turning)
CCMW ○○T○○○T○○○○○ME	**C14**	Insert (Turning)
CCMW ○○T○○○T○○○○○SE	**C14**	Insert (Turning)
CCRN R/L ○○○○□-○○A	**D32**	Toolholder (Turning)
CDHN R/L ○○○○□-○○GX	**D29**	Toolholder (Turning)
CDJN R/L ○○○○□-○○	**D23**	Toolholder (Turning)
CDJN R/L ○○○○□-○○GX	**D29**	Toolholder (Turning)
CE-010	**D22, D23, F71, P13**	Spare Parts (Clamp Set)
CE-020	**D25, D26, D34, D35, P13**	Spare Parts (Clamp Set)
CE-030	**D27, P13**	Spare Parts (Clamp Set)
CE-030A	**D25, D27, D32, D33, D34, D35, D36, P13**	Spare Parts (Clamp Set)
CE-040	**D25, D27, D35, P13**	Spare Parts (Clamp Set)
CE-111	**P15**	Spare Parts (Clamp)
CE-121	**P15**	Spare Parts (Clamp)
CE-131	**P15**	Spare Parts (Clamp)
CE-141	**P15**	Spare Parts (Clamp)
CE-220	**D22, D25, P13**	Spare Parts (Clamp Set)
CE-320	**F71, P13**	Spare Parts (Clamp Set)
CE-360S	**F73, P13**	Spare Parts (Clamp Set)
CE-410	**D28, D29, D30, D31, F72, P13**	Spare Parts (Clamp Set)
CE-430	**D29, P13**	Spare Parts (Clamp Set)
CELN R/L ○○○○B-○○	**F71**	Boring Bar / Previous Description
CELN R/L ○○○○□-○○	**D23**	Toolholder (Turning)
CGA-3 R/L	**G41, P15**	Spare Parts (Clamp)

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Description	Page	Category
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CGA-5R/L	**G41, P15**	Spare Parts (Clamp)
CGBR/L	**G15, P15**	Spare Parts (Clamp)
CGH-1R/L	**G40, G61, P15**	Spare Parts (Clamp)
CGH-2R/L	**G40, G61, P15**	Spare Parts (Clamp)
CGH-3R/L	**G40, P15**	Spare Parts (Clamp)
CGIA-3R	**G64, P15**	Spare Parts (Clamp)
CGIA-4R	**G64, P15**	Spare Parts (Clamp)
CGIA-5R	**G64, P15**	Spare Parts (Clamp)
CH-20R	**M38, P15**	Spare Parts (Clamp)
CINR/L ○○○○S-○○	**J17**	Toolholder (Threading)
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CL100-1	**N3, N4, N10, P18**	Spare Parts (Coolant Pipe)
CNGA ○○○○○○	**B19, B80**	Insert (Turning)
CNGA ○○○○○○ME	**C6**	Insert (Turning) / Previous Description
CNGA ○○○○○○ME-T	**C6**	Insert (Turning) / Previous Description
CNGA ○○○○○○MEW	**C6**	Insert (Turning) / Previous Description
CNGA ○○○○○○SE	**C6**	Insert (Turning) / Previous Description
CNGA ○○○○○○SE-T	**C6**	Insert (Turning) / Previous Description
CNGA ○○○○○○S○○○○○	**B80**	Insert (Turning)
CNGA ○○○○○○S○○○○○ME	**C6**	Insert (Turning)
CNGA ○○○○○○S○○○○○MEH	**C6**	Insert (Turning)
CNGA ○○○○○○S○○○○○MEP	**C6**	Insert (Turning)
CNGA ○○○○○○S○○○○○MET	**C6**	Insert (Turning)
CNGA ○○○○○○S○○○○○MEW	**C6**	Insert (Turning)
CNGA ○○○○○○S○○○○○SE	**C6**	Insert (Turning)
CNGA ○○○○○○S○○○○○SET	**C6**	Insert (Turning)
CNGA ○○○○○○T○○○○○	**B80**	Insert (Turning)
CNGA ○○○○○○T○○○○○ME	**C6**	Insert (Turning)
CNGA ○○○○○○T○○○○○SE	**C6**	Insert (Turning)
CNGA ○○○○○○-T○○	**B80**	Insert (Turning) / Previous Description
CNGG ○○○○○○AH	**B19**	Insert (Turning)
CNGG ○○○○○○DP	**B14**	Insert (Turning)
CNGG ○○○○○○FP-TK	**B17**	Insert (Turning)
CNGG ○○○○○○HQ	**B14**	Insert (Turning)
CNGG ○○○○○○MFP-SK	**B17**	Insert (Turning)
CNGG ○○○○○○R/L	**B20**	Insert (Turning)
CNGG ○○○○○○R/L-25R	**B20**	Insert (Turning)
CNGG ○○○○○○R/L-A3	**B19**	Insert (Turning)
CNGG ○○○○○○R/L-S	**B20**	Insert (Turning)
CNGG ○○○○○○TK	**B18**	Insert (Turning)
CNGG ○○○○○○Z	**B20**	Insert (Turning)
CNGM ○○○○○○BB○	**C7**	Insert (Turning) / Previous Description
CNGM ○○○○○○S○○○○○BB○	**C7**	Insert (Turning)
CNGN ○○○○○○	**B80**	Insert (Turning) / Previous Description
CNGN ○○○○○○S○○○○○	**B80**	Insert (Turning)
CNGN ○○○○○○T○○○○○	**B80**	Insert (Turning)
CNGU ○○○○○○MER/L-U	**B43**	Insert (Turning)
CNGU ○○○○○○MFR/L-F	**B43**	Insert (Turning)
CNGU ○○○○○○MFR/L-U	**B43**	Insert (Turning)
CNGU ○○○○○○MF-SK	**B43**	Insert (Turning)
CNGU ○○○○○○MFP-SK	**B43**	Insert (Turning)
CNGX ○○○○○○T○○○○○	**B80**	Insert (Turning)
CNMA ○○○○○○	**B19, B80**	Insert (Turning)
CNMA ○○○○○○S○○○○○	**B80**	Insert (Turning)
CNMA ○○○○○○-T○○	**B80**	Insert (Turning) / Previous Description
CNMG ○○○○○○	**B16**	Insert (Turning)
CNMG ○○○○○○AH	**B19**	Insert (Turning)
CNMG ○○○○○○C	**B19**	Insert (Turning)
CNMG ○○○○○○CJ	**B15**	Insert (Turning)
CNMG ○○○○○○CQ	**B14**	Insert (Turning)
CNMG ○○○○○○GC	**B19**	Insert (Turning)
CNMG ○○○○○○GP	**B14**	Insert (Turning)
CNMG ○○○○○○GS	**B15**	Insert (Turning)
CNMG ○○○○○○GT	**B15**	Insert (Turning)
CNMG ○○○○○○GU	**B18**	Insert (Turning)
CNMG ○○○○○○HK	**B15**	Insert (Turning)
CNMG ○○○○○○HQ	**B14**	Insert (Turning)
CNMG ○○○○○○HS	**B15**	Insert (Turning)
CNMG ○○○○○○HU	**B18**	Insert (Turning)
CNMG ○○○○○○MQ	**B18**	Insert (Turning)
CNMG ○○○○○○MS	**B18**	Insert (Turning)
CNMG ○○○○○○MU	**B18**	Insert (Turning)
CNMG ○○○○○○PH	**B16**	Insert (Turning)
CNMG ○○○○○○PP	**B14**	Insert (Turning)
CNMG ○○○○○○PQ	**B14**	Insert (Turning)
CNMG ○○○○○○PS	**B15**	Insert (Turning)
CNMG ○○○○○○PT	**B15**	Insert (Turning)
CNMG ○○○○○○TK	**B18**	Insert (Turning)
CNMG ○○○○○○TN-V	**B15**	Insert (Turning)
CNMG ○○○○○○WP	**B14**	Insert (Turning)
CNMG ○○○○○○WQ	**B14**	Insert (Turning)
CNMG ○○○○○○XF	**B17**	Insert (Turning)
CNMG ○○○○○○XP	**B17**	Insert (Turning)
CNMG ○○○○○○XP-T	**B17**	Insert (Turning)
CNMG ○○○○○○XQ	**B17**	Insert (Turning)
CNMG ○○○○○○XS	**B17**	Insert (Turning)
CNMG ○○○○○○ZS	**B19**	Insert (Turning)
CNMM ○○○○○○M	**C22**	Insert (Turning)
CNMM ○○○○○○M-NE	**C22**	Insert (Turning)
CNMM ○○○○○○M-SE	**C22**	Insert (Turning)
CNMM ○○○○○○PX	**B16**	Insert (Turning)
CNMN ○○○○○○	**B80, C13**	Insert (Turning)
CNMN ○○○○○○S○○○○○	**C13**	Insert (Turning)
CNMN ○○○○○○T○○○○○	**B80**	Insert (Turning)
CNMU ○○○○○○E-GK	**B43**	Insert (Turning)
CP-2D	**D14, P15**	Spare Parts (Clamp)
CP-3D	**D8, D10, D12, D20, P15**	Spare Parts (Clamp)
CP-5D	**D16, P15**	Spare Parts (Clamp)
CP-8TE	**M63, P15**	Spare Parts (Clamp)
CP-8W	**M63, P15**	Spare Parts (Clamp)
CPGB ○○○○○○ME	**C14**	Insert (Turning) / Previous Description
CPGB ○○○○○○ME-T	**C14**	Insert (Turning) / Previous Description
CPGB ○○○○○○SE	**C14**	Insert (Turning) / Previous Description
CPGB ○○○○○○SE-T	**C14**	Insert (Turning) / Previous Description
CPGB ○○○○○○S○○○○○MES	**C14**	Insert (Turning)
CPGB ○○○○○○S○○○○○MET	**C14**	Insert (Turning)
CPGB ○○○○○○S○○○○○SET	**C14**	Insert (Turning)
CPGB ○○○○○○T○○○○○ME	**C14**	Insert (Turning)
CPGB ○○○○○○T○○○○○SE	**C14**	Insert (Turning)
CPMB ○○○○○○	**B51**	Insert (Turning)
CPMH ○○○○○○	**B51, C24**	Insert (Turning)
CPMH ○○○○○○HQ	**B51**	Insert (Turning)
CPMH ○○○○○○NE	**C24**	Insert (Turning)
CPMH ○○○○○○R/L-Y	**B51**	Insert (Turning)
CPMH ○○○○○○SE	**C24**	Insert (Turning)
CPMT ○○○○○○GP	**B51**	Insert (Turning)
CPMT ○○○○○○XP	**B51**	Insert (Turning)
CPMT ○○○○○○XQ	**B51**	Insert (Turning)
CP-RCR/L	**D38, F58, P13**	Spare Parts (Clamp Set)
CP8X15TL	**M32, P2**	Spare Parts (Screw)
CP8X23TL	**M32, P2**	Spare Parts (Screw)
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CPS-2	**F56, F57, P14**	Spare Parts (Clamp Set)
CPS-2P	**E42, E43, P14**	Spare Parts (Clamp Set)
CPS-2S	**M109, P14**	Spare Parts (Clamp Set)
CPS-2TR	**M106, P14**	Spare Parts (Clamp Set)
CPS-3	**E42, E43, F56, F57, P14**	Spare Parts (Clamp Set)
CPS-4V	**G57, P14**	Spare Parts (Clamp Set)
CPS-5E	**M109, P14**	Spare Parts (Clamp Set)
CPS-5F	**G57, M162, P14**	Spare Parts (Clamp Set)
CPS-5R/L	**D17, P14**	Spare Parts (Clamp Set)
CPS-5S	**J16, J17, N9, P14**	Spare Parts (Clamp Set)
CPS-5V	**G57, G86, G88, G98, P14**	Spare Parts (Clamp Set)
CPS-6F	**M162, P14**	Spare Parts (Clamp Set)
CPS-6M	**M33, M37, M45, P14**	Spare Parts (Clamp Set)
CPS-6S	**J16, J17, N9, P14**	Spare Parts (Clamp Set)
CPS-6V	**G57, G88, G91, G98, M164, P14**	Spare Parts (Clamp Set)
CPS-8V	**G88, G91, G98, P14**	Spare Parts (Clamp Set)
CRDNN ○○○○□-○○	**D27**	Toolholder (Turning)
CRDNN ○○○○□-○○A	**D33**	Toolholder (Turning)
CRSNR/L ○○○○□-○○	**D27**	Toolholder (Turning)
CRSNR/L ○○○○□-○○A	**D33**	Toolholder (Turning)

Description		Page	Category
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CS-3D		**D8, D10, D12, D20, P2**	Spare Parts (Screw)
CS-5D		**D16, P2**	Spare Parts (Screw)
CSBP R/L	○○○○□-○○N	**E42**	Toolholder (Turning)
CSDNN	○○○○□-○○	**D25**	Toolholder (Turning)
CSDNN	○○○○□-○○A	**D35**	Toolholder (Turning)
CSDNN	○○○○□-○○GX	**D30**	Toolholder (Turning)
CSDPN	○○○○□-○○N	**E42**	Toolholder (Turning)
CSKN R/L	○○○○□-○○	**D25**	Toolholder (Turning)
CSKN R/L	○○○○□-○○A	**D34**	Toolholder (Turning)
CSKN R/L	○○○○B-○○	**F71**	Boring Bar / Previous Description
CSKN R/L	○○○○□-○○GX	**D31**	Toolholder (Turning)
CSKP R/L	○○○○B-○○	**F56**	Boring Bar / Previous Description
CSKP R/L	○○○○□-○○N	**E42**	Toolholder (Turning)
CS-N R/L	○○○○□-○○	**D25**	Toolholder (Turning)
CS-N R/L	○○○○□-○○GX	**D31**	Toolholder (Turning)
CSRN R/L	○○○○□-○○	**D25**	Toolholder (Turning)
CSRN R/L	○○○○□-○○A	**D34**	Toolholder (Turning)
CSRN R/L	○○○○□-○○GX	**D30**	Toolholder (Turning)
CSSN R/L	○○○○□-○○	**D25**	Toolholder (Turning)
CSSN R/L	○○○○□-○○A	**D35**	Toolholder (Turning)
CSSN R/L	○○○○□-○○GX	**D30**	Toolholder (Turning)
CSSP R/L	○○○○□-○○N	**E42**	Toolholder (Turning)
CSYN R/L	○○○○□-○○	**D25**	Toolholder (Turning)
CSYN R/L	○○○○□-○○A	**D34**	Toolholder (Turning)
CSYN R/L	○○○○□-○○GX	**D31**	Toolholder (Turning)
CT○○T○	-45A	**K7, K8, K9, K11**	Insert (Drilling) / Chamfering
CTFP R/L	○○○○□-○○N	**E43**	Toolholder (Turning)
CTGP R/L	○○○○□-○○N	**E43**	Toolholder (Turning)
CTJN R/L	○○○○□-○○	**D26**	Toolholder (Turning)
CTJN R/L	○○○○□-○○A	**D36**	Toolholder (Turning)
CTTP R/L	○○○○□-○○N	**E43**	Toolholder (Turning)
CTUN R/L	○○○○B-○○A	**F73**	Boring Bar / Previous Description
CTUN R/L	○○○○□-○○	**D26**	Toolholder (Turning)
CTUN R/L	○○○○□-○○A	**D36**	Toolholder (Turning)
CTUP R/L	○○○○B-○○	**F57**	Boring Bar / Previous Description
D			
DC	○○○○M-SC	**K4, K5, K6**	Insert (Drilling)
DC-44		**D8, P8**	Spare Parts (Shim)
DCET	○○○○○○(○)F R/L-JSF	**B57**	Insert (Turning)
DCET	○○○○○○(○)F R/L-USF	**B55**	Insert (Turning)
DCET	○○○○○○(○)MF R/L-J	**B57**	Insert (Turning)
DCET	○○○○○○(○)MF R/L-JSF	**B57**	Insert (Turning)
DCET	○○○○○○(○)MF R/L-U	**B56**	Insert (Turning)
DCET	○○○○○○(○)MF R/L-USF	**B55**	Insert (Turning)
DCET	○○○○○○(○)M R/L-F	**B55**	Insert (Turning)
DCET	○○○○○○(○)M R/L-FSF	**B54**	Insert (Turning)
DCET	○○○○○○(○)R/L-FSF	**B54**	Insert (Turning)
DCGT	○○○○○○	**B53**	Insert (Turning)
DCGT	○○○○○○AH	**B58**	Insert (Turning)
DCGT	○○○○○○CF	**B52**	Insert (Turning)
DCGT	○○○○○○CK	**B52**	Insert (Turning)
DCGT	○○○○○○(○)E R/L-J	**B57**	Insert (Turning)
DCGT	○○○○○○E R/L-U	**B56**	Insert (Turning)
DCGT	○○○○○○(○)F R/L-J	**B57**	Insert (Turning)
DCGT	○○○○○○(○)F R/L-U	**B56**	Insert (Turning)
DCGT	○○○○○○(○)M	**B53**	Insert (Turning)
DCGT	○○○○○○M-CF	**B52**	Insert (Turning)
DCGT	○○○○○○M-CK	**B52**	Insert (Turning)
DCGT	○○○○○○(○)ME R/L-J	**B57**	Insert (Turning)
DCGT	○○○○○○ME R/L-U	**B56**	Insert (Turning)
DCGT	○○○○○○(○)MF	**B54**	Insert (Turning)
DCGT	○○○○○○MF-GF	**B52**	Insert (Turning)
DCGT	○○○○○○MF-GQ	**B53**	Insert (Turning)
DCGT	○○○○○○MFP-GF	**B52**	Insert (Turning)
DCGT	○○○○○○MFP-GQ	**B53**	Insert (Turning)
DCGT	○○○○○○(○)MF R/L-J	**B57**	Insert (Turning)
DCGT	○○○○○○(○)MF R/L-U	**B56**	Insert (Turning)
DCGT	○○○○○○MP-CF	**B52**	Insert (Turning)
DCGT	○○○○○○MP-CK	**B52**	Insert (Turning)
DCGT	○○○○○○(○)M R/L-F	**B55**	Insert (Turning)
DCGT	○○○○○○R/L-A3	**B58**	Insert (Turning)
DCGT	○○○○○○(○)R/L-F	**B55**	Insert (Turning)
DCGW	○○○○○○	**B58**	Insert (Turning)

Description		Page	Category
DCLN R/L	○○○○□-○○	**D8**	Toolholder (Turning)
DCMT	○○○○○○	**B53, C24**	Insert (Turning)
DCMT	○○○○○○GK	**B53**	Insert (Turning)
DCMT	○○○○○○GP	**B52**	Insert (Turning)
DCMT	○○○○○○HQ	**B53**	Insert (Turning)
DCMT	○○○○○○MQ	**B54**	Insert (Turning)
DCMT	○○○○○○NE	**C24**	Insert (Turning)
DCMT	○○○○○○R/L-NE	**C24**	Insert (Turning)
DCMT	○○○○○○SE	**C24**	Insert (Turning)
DCMT	○○○○○○XP	**B54**	Insert (Turning)
DCMT	○○○○○○XQ	**B54**	Insert (Turning)
DCMW	○○○○○○ME	**C15**	Insert (Turning) / Previous Description
DCMW	○○○○○○ME-T	**C15**	Insert (Turning) / Previous Description
DCMW	○○○○○○SE	**C15**	Insert (Turning) / Previous Description
DCMW	○○○○○○SE-T	**C15**	Insert (Turning) / Previous Description
DCMW	○○○○○○S○○○○○MES	**C15**	Insert (Turning)
DCMW	○○○○○○S○○○○○MET	**C15**	Insert (Turning)
DCMW	○○○○○○S○○○○○SET	**C15**	Insert (Turning)
DCMW	○○○○○○T○○○○○ME	**C15**	Insert (Turning)
DCMW	○○○○○○T○○○○○SE	**C15**	Insert (Turning)
DD-43		**D10, P8**	Spare Parts (Shim)
DD-44		**D10, P8**	Spare Parts (Shim)
DDJN R/L	○○○○□-○○○○	**D10**	Toolholder (Turning)
DDHN R/L	○○○○□-○○○○	**D10**	Toolholder (Turning)
DMC	○○○	**M105**	End Mill
DMC	○○○H	**M107**	End Mill
DMC	○○○SX	**M106**	End Mill
DMC	○○○SXT	**M106**	End Mill
DMC	○○○SX-○○○	**M106**	End Mill
DMC	○○○-S○○	**M105**	End Mill
DNGA	○○○○○○	**B81**	Insert (Turning)
DNGA	○○○○○○ME	**C8**	Insert (Turning) / Previous Description
DNGA	○○○○○○ME-T	**C8**	Insert (Turning) / Previous Description
DNGA	○○○○○○SE	**C8**	Insert (Turning) / Previous Description
DNGA	○○○○○○SE-T	**C8**	Insert (Turning) / Previous Description
DNGA	○○○○○○S○○○○○	**B81**	Insert (Turning)
DNGA	○○○○○○S○○○○○ME	**C8**	Insert (Turning)
DNGA	○○○○○○S○○○○○MEH	**C8**	Insert (Turning)
DNGA	○○○○○○S○○○○○MEP	**C8**	Insert (Turning)
DNGA	○○○○○○S○○○○○MET	**C8**	Insert (Turning)
DNGA	○○○○○○S○○○○○SE	**C8**	Insert (Turning)
DNGA	○○○○○○S○○○○○SET	**C8**	Insert (Turning)
DNGA	○○○○○○T○○○○○	**B81**	Insert (Turning)
DNGA	○○○○○○T○○○○○ME	**C8**	Insert (Turning)
DNGA	○○○○○○T○○○○○SE	**C8**	Insert (Turning)
DNGA	○○○○○○-T○○	**B81**	Insert (Turning) / Previous Description
DNGG	○○○○○○AH	**B26**	Insert (Turning)
DNGG	○○○○○○DP	**B21**	Insert (Turning)
DNGG	○○○○○○FP-TK	**B24**	Insert (Turning)
DNGG	○○○○○○MFP-SK	**B24**	Insert (Turning)
DNGG	○○○○○○R/L	**B26**	Insert (Turning)
DNGG	○○○○○○R/L-A3	**B26**	Insert (Turning)
DNGG	○○○○○○R/L-S	**B26**	Insert (Turning)
DNGG	○○○○○○TK	**B24**	Insert (Turning)
DNGM	○○○○○○BB○	**C9**	Insert (Turning) / Previous Description
DNGM	○○○○○○S○○○○○BB○	**C9**	Insert (Turning)
DNGN	○○○○○○	**B81**	Insert (Turning) / Previous Description
DNGN	○○○○○○S○○○○○	**B81**	Insert (Turning)
DNGN	○○○○○○T○○○○○	**B81**	Insert (Turning)
DNGU	○○○○○○ME R/L-U	**B44**	Insert (Turning)
DNGU	○○○○○○(○)MF R/L-F	**B44**	Insert (Turning)
DNGU	○○○○○○MF R/L-U	**B44**	Insert (Turning)
DNGU	○○○○○○MF-SK	**B44**	Insert (Turning)
DNGU	○○○○○○MFP-SK	**B44**	Insert (Turning)
DNGX	○○○○○○T○○○○○	**B81**	Insert (Turning)
DNMA	○○○○○○	**B26**	Insert (Turning)
DNMG	○○○○○○	**B23**	Insert (Turning)
DNMG	○○○○○○AH	**B26**	Insert (Turning)
DNMG	○○○○○○C	**B25**	Insert (Turning)
DNMG	○○○○○○CJ	**B22**	Insert (Turning)
DNMG	○○○○○○CQ	**B22**	Insert (Turning)
DNMG	○○○○○○GC	**B26**	Insert (Turning)
DNMG	○○○○○○GP	**B21**	Insert (Turning)
DNMG	○○○○○○GS	**B22**	Insert (Turning)

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Description	Page	Category
DNMG ○○○○○○GT	B23	Insert (Turning)
DNMG ○○○○○○GU	B25	Insert (Turning)
DNMG ○○○○○○HK	B22	Insert (Turning)
DNMG ○○○○○○HQ	B21	Insert (Turning)
DNMG ○○○○○○HS	B23	Insert (Turning)
DNMG ○○○○○○HU	B25	Insert (Turning)
DNMG ○○○○○○MQ	B25	Insert (Turning)
DNMG ○○○○○○MS	B25	Insert (Turning)
DNMG ○○○○○○MU	B25	Insert (Turning)
DNMG ○○○○○○PH	B23	Insert (Turning)
DNMG ○○○○○○PP	B21	Insert (Turning)
DNMG ○○○○○○PQ	B21	Insert (Turning)
DNMG ○○○○○○PS	B22	Insert (Turning)
DNMG ○○○○○○PT	B23	Insert (Turning)
DNMG ○○○○○○TK	B24	Insert (Turning)
DNMG ○○○○○○TN-V	B22	Insert (Turning)
DNMG ○○○○○○XF	B24	Insert (Turning)
DNMG ○○○○○○XP	B24	Insert (Turning)
DNMG ○○○○○○XP-T	B24	Insert (Turning)
DNMG ○○○○○○XQ	B24	Insert (Turning)
DNMG ○○○○○○XS	B24	Insert (Turning)
DNMG ○○○○○○ZS	B26	Insert (Turning)
DNMM ○○○○○○M	C22	Insert (Turning)
DNMM ○○○○○○M-NE	C22	Insert (Turning)
DNMM ○○○○○○M-SE	C22	Insert (Turning)
DNMM ○○○○○○PX	B23	Insert (Turning)
DNMU ○○○○○○E-GK	B44	Insert (Turning)
DPET ○○○○○○(○)F R/L-USF	B58	Insert (Turning)
DPET ○○○○○○(○)MF R/L-USF	B58	Insert (Turning)
DPET ○○○○○○(○)M R/L-FSF	B58	Insert (Turning)
DPET ○○○○○○(○) R/L-FSF	B58	Insert (Turning)
DR ○○-○○	M118	Spare Parts (Drive-Ring)
DR ○○-○○□	M118	Spare Parts (Drive-Ring)
DR ○○○○-○○○○	M119	Spare Parts (Drive-Ring)
DR ○○○○-○○○○□	M119	Spare Parts (Drive-Ring)
DR12CR-IN	K49	Cartridge (Drill)
DR12CR-OUT	K49	Cartridge (Drill)
DR20CR-IN	K49	Cartridge (Drill)
DR20CR-OUT	K49	Cartridge (Drill)
DS ○○○	K39	Insert (Drilling)
DS-44	D12, P8	Spare Parts (Shim)
DSBN R/L ○○○○□-○○	D12	Toolholder (Turning)
DT-7	G52, G53, K40, K42, K44, K46, M158, P17	Spare Parts (Torx Wrench / Screwdriver type)
DT-8	K42, K44, K46, M110, M114, M142, M160, P17	Spare Parts (Torx Wrench / Screwdriver type)
DT-9	K11	Spare Parts (Torx Wrench / Screwdriver type)
DT-10	K55, M39, M65, M110, M114, M142, M150, M151, M156, M158, M160, P17	Spare Parts (Torx Wrench / Screwdriver type)
DT-15	K11, K42, K44, K46, K48, M43, M97, M100, M101, M110, M114, M142, M150, M151, M160, P17	Spare Parts (Torx Wrench / Screwdriver type)
DT-20	K27, K29, K31, K32, K43, K44, K45, K46, K47, K48, K49, M65, M108, M142, M150, M151, P17	Spare Parts (Torx Wrench / Screwdriver type)
DT-25	K27, K29, K31, K32, K43, K45, K49, M151, P17	Spare Parts (Torx Wrench / Screwdriver type)
DT-32	D14, P8	Spare Parts (Shim)
DTGN R/L ○○○○□-○○	D14	Toolholder (Turning)
DTM-6	K26, K28, K30, K32, M76, M77, M110, M114, P17	Spare Parts (Torx Wrench / Screwdriver type)
DTM-7	K26, K28, K30, K32, P17	Spare Parts (Torx Wrench / Screwdriver type)
DTM-8	K26, K28, K30, K32, M66, M67, M68, M69, M86, M87, M89, P17	Spare Parts (Torx Wrench / Screwdriver type)
DTM-10	K26, K28, K30, K32, P17	Spare Parts (Torx Wrench / Screwdriver type)
DTM-15	K27, K28, K30, K32, M25, M59, M67, M68, M69, M86, M87, M89, P17	Spare Parts (Torx Wrench / Screwdriver type)
DTP-9	M134, M135, P17	Spare Parts (Torx Plus Wrench / Screwdriver type)
DTP-15	M28, M134, M135, P17	Spare Parts (Torx Plus Wrench / Screwdriver type)
DTP-20	M64, P17	Spare Parts (Torx Plus Wrench / Screwdriver type)
DTPM-8	M49, M50, M81, P17	Spare Parts (Torx Plus Wrench / Screwdriver type)
DTPM-15	M49, M50, M81, M146, M147, P17	Spare Parts (Torx Plus Wrench / Screwdriver type)
DV-33	D16, P8	Spare Parts (Shim)
DVLN R/L ○○○○□-○○	D16	Toolholder (Turning)
DVPN R/L ○○○○□-○○	D16	Toolholder (Turning)
DW-44	D20, P8	Spare Parts (Shim)
DWLN R/L ○○○○□-○○	D20	Toolholder (Turning)
DVVNN ○○○○□-○○	D16	Toolholder (Turning)
E		
ENGN ○○○○○○	B81	Insert (Turning) / Previous Description
ENGN ○○○○○○S○○○○○	B81	Insert (Turning)
ENGN ○○○○○○T○○○○○	B81	Insert (Turning)
EZBR ○○○○○○-○○○NB	C20, C33, F16	EZ Bars (Boring)
EZBR ○○○○○○HP-○○○F	F14	EZ Bars (Boring)
EZBR ○○○○○○HP-○○○H	F14	EZ Bars (Boring)
EZBR ○○○○○○ST-○○○F	F15	EZ Bars (Boring)
EZBR ○○○○○○ST-○○○H	F15	EZ Bars (Boring)
EZFGR ○○○○○○-○○○	G68	EZ Bars (Internal Face Grooving)
EZGR ○○○○○○-○○○	G45	EZ Bars (Internal Grooving)
EZGR ○○○○○○-○○○S	G45	EZ Bars (Internal Grooving)
EZTR ○○○○○○-○○-○○○	J24	EZ Bars (Internal Threading)
EZH ○○○○○(.○)CT-○○○	F18, F19, F74	Sleeve (for EZ Bars)
EZH ○○○○○(.○)HP-○○○	F20, F21, F74	Sleeve (for EZ Bars)
EZH ○○○○○(.○)ST-○○○	F22, F23, F74	Sleeve (for EZ Bars)
E○○□- SCLC R/L○○-○○	F86	Boring Bar (Discontinued Description)
E○○□- SCLC R/L○○-○○A	F37	Boring Bars (Dynamic Bar)
E○○□- SCLC R/L○○-○○A-○/○	F37	Boring Bars (Dynamic Bar)
E○○□- SCLP R/L○○-○○	F86	Boring Bar (Discontinued Description)
E○○□- SCLP R/L○○-○○A	F39	Boring Bars (Dynamic Bar)
E○○□- SCLP R/L○○-○○A-○/○	F39	Boring Bars (Dynamic Bar)
E○○□- SDQC R/L○○-○○A	F42	Boring Bars (Dynamic Bar)
E○○□- SDQC R/L○○-○○A-○/○	F42	Boring Bars (Dynamic Bar)
E○○□- SDUC R/L○○-○○A	F41	Boring Bars (Dynamic Bar)
E○○□- SDUC R/L○○-○○A-○/○	F41	Boring Bars (Dynamic Bar)
E○○□- SDZC R/L○○-○○A	F43	Boring Bars (Dynamic Bar)
E○○□- STLP R/L○○-○○A	F47	Boring Bars (Dynamic Bar)
E○○□- STLP R/L○○-○○A-○/○	F47	Boring Bars (Dynamic Bar)
E○○□- STUP R/L○○-○○	F87	Boring Bar (Discontinued Description)
E○○□- SVPB R/L○○-○○A	F51	Boring Bars (Dynamic Bar)
E○○□- SVPC R/L○○-○○A	F51	Boring Bars (Dynamic Bar)
E○○□- SVUB R/L○○-○○A	F53	Boring Bars (Dynamic Bar)
E○○□- SVUC R/L○○-○○A	F53	Boring Bars (Dynamic Bar)
E○○□- SWUB R/L○○-○○A	F55	Boring Bars (Dynamic Bar)
E○○□- SWUB R/L○○-○○A-○/○	F55	Boring Bars (Dynamic Bar)
E○○□- SWUP R/L○○-○○A	F55	Boring Bars (Dynamic Bar)
E○○□- SWUP R/L○○-○○A-○/○	F55	Boring Bars (Dynamic Bar)
F		
FGG R/L ○○○○-○○	G33	Insert (Grooving / Plunge&Turn)
FH-2	P17	Spare Parts (Hexagon Wrench / Flag type)
FH-2.5	P17	Spare Parts (Hexagon Wrench / Flag type)
FMM ○○-○○	G95	Insert (Grooving / Plunge&Turn)
FMN ○	G95	Insert (Grooving / Plunge&Turn)
FS- ○○	K11	Spare Parts (Drill fitting screw for Chamfering Attachment)
FT-6	P17	Spare Parts (Torx Wrench / Flag type)
FT-7	P17	Spare Parts (Torx Wrench / Flag type)
FT-8	P17	Spare Parts (Torx Wrench / Flag type)
FT-10	P17	Spare Parts (Torx Wrench / Flag type)
FT-15	P17	Spare Parts (Torx Wrench / Flag type)
FTK ○	G97	Insert (Cut-Off)
FTS-15	F62	Spare Parts (Torx Wrench / Flag type)

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Description		Page	Category
G			
GA	○○	**G41**	Insert (Grooving)
GB	○○R/L○○○	**C29, G14**	Insert (Grooving)
GB	○○R/L○○○R	**G14**	Insert (Grooving)
GBA	○○R/L○○○	**C19, C29, G10, G11, G12**	Insert (Grooving / Previous Description)
GBA	○○R/L○○○MY	**G11**	Insert (Grooving / Previous Description)
GBA	○○R/L○○○R	**G12**	Insert (Grooving / Previous Description)
GBA	○○R/L○○○-○○○	**C19, C29, G10, G11, G12**	Insert (Grooving)
GBA	○○R/L○○○-○○○GM	**G11**	Insert (Grooving)
GBA	○○R/L○○○-○○○MY	**G11**	Insert (Grooving)
GBA	○○R/L○○○-○○○R	**G12**	Insert (Grooving)
GDFM	○○○○N-○○○DM	**G75**	Insert (Face Grooving)
GDFM	○○○○N-○○○GM	**G75**	Insert (Face Grooving)
GDFMS	○○○○N-○○○DM	**G75**	Insert (Face Grooving)
GDG	○○○○N-○○○GS	**G21**	Insert (Grooving)
GDG	○○○○N-○○○PG	**H12**	Insert (Cut-Off)
GDG	○○○○R-○○○PG-○○D	**H12**	Insert (Cut-Off)
GDGS	○○○○N-○○○NB	**C19, C30, G22**	Insert (Grooving)
GDM	○○○○N-○○○GM	**G21**	Insert (Grooving)
GDM	○○○○N-○○○GL	**G21**	Insert (Grooving)
GDM	○○○○N-○○○PF	**H12**	Insert (Cut-Off)
GDM	○○○○N-○○○PH	**G21, H13**	Insert (Grooving / Cut-Off)
GDM	○○○○N-○○○PM	**H13**	Insert (Cut-Off)
GDM	○○○○N-○○○PQ	**H12**	Insert (Cut-Off)
GDM	○○○○N-○○○R-CM	**G21**	Insert (Grooving)
GDM	○○○○R/L-○○○PF-○○D	**H12**	Insert (Cut-Off)
GDM	○○○○R-○○○PM-○D	**H13**	Insert (Cut-Off)
GDM	○○○○R-○○○PQ-○○D	**H12**	Insert (Cut-Off)
GDMS	○○○○N-○○○GM	**G21**	Insert (Grooving)
GDMS	○○○○N-○○○PH	**G21, H13**	Insert (Grooving / Cut-Off)
GDMS	○○○○N-○○○PM	**H13**	Insert (Cut-Off)
GDMS	○○○○R-○○○PM-○D	**H13**	Insert (Cut-Off)
GER/L	○○○-○○○□	**G50, G51**	Insert (Grooving)
GER	○○○-○○○□□	**G50, G51**	Insert (Grooving)
GFVR/L	○○○○□-○○○(○)□	**G88**	Toolholder (Grooving)
GFVSR/L	○○○○□-○○AA	**G86**	Toolholder (Grooving)
GFVSR/L	○○○○□-HB	**G90**	Toolholder (Grooving)
GFVSR/L	○○○○□-○○○(○)□	**G91**	Toolholder (Grooving)
GFVTR/L	○○○○□-○○AA	**G86**	Toolholder (Grooving)
GFVTR/L	○○○○□-○○○(○)□	**G91**	Toolholder (Grooving)
GFVTR/L	○○○○□-HB	**G90**	Toolholder (Grooving)
GH	○○○○(○)-○○	**B88, G41, G61**	Insert (Grooving)
GHU	○○-○○	**G41, G61**	Insert (Grooving)
GIA	○○	**G64**	Insert (Grooving)
GIFVR/L	○○○○B-○○○□	**G98**	Toolholder (Grooving)
GIVR/L	○○○○-○□	**G57**	Toolholder (Grooving)
GIVR/L	○○○○-○□(□)	**G57**	Toolholder (Grooving)
GIVR/L	○○○○-○□E	**G57**	Toolholder (Grooving)
GIVR/L	○○○○-○□W	**G57**	Toolholder (Grooving)
GMG	○○○○-○○	**G32**	Insert (Grooving / Plunge&Turn) / Previous Description
GMG	○○○○-○○MG	**G32, G63, G96**	Insert (Grooving / Plunge&Turn) / Previous Description
GMG	○○○○-○○R	**G32**	Insert (Grooving / Plunge&Turn) / Previous Description
GMG	○○○○-○○RU	**G32**	Insert (Grooving / Plunge&Turn) / Previous Description
GMG	○○○○-○○○MG	**G32, G63, G96**	Insert (Grooving / Plunge&Turn)
GMG	○○○○-○○○MS	**G32**	Insert (Grooving / Plunge&Turn)
GMG	○○○○-○○○R	**G32**	Insert (Grooving / Plunge&Turn)
GMG	○○○○-○○○RU	**G32**	Insert (Grooving / Plunge&Turn)
GMGA	○○○○-○○R	**G33, G63, G96**	Insert (Grooving / Plunge&Turn) / Previous Description
GMGA	○○○○-○○○R	**G33, G63, G96**	Insert (Grooving / Plunge&Turn)
GMM	3014-04	**G33**	Insert (Grooving / Plunge&Turn)
GMM	3014-15R	**G33**	Insert (Grooving / Plunge&Turn)
GMM	3014-15RU	**G33**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-MT	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-NB	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMM	○○○○R/L-MT-15D	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMM	○○○○R/L-TK-8D	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMM	○○○○R/L-TMR-6D	**H18**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-TK	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-TMR	**H18**	Insert (Grooving / Plunge&Turn)

Description		Page	Category
GMM	○○○○-○○	**G32, G63, G96**	Insert (Grooving / Plunge&Turn) / Previous Description
GMM	○○○○-○○MS	**G32**	Insert (Grooving / Plunge&Turn) / Previous Description
GMM	○○○○-○○R	**G32**	Insert (Grooving / Plunge&Turn) / Previous Description
GMM	○○○○-○○V	**G62**	Insert (Grooving / Plunge&Turn) / Previous Description
GMM	○○○○-○○VR	**G62**	Insert (Grooving / Plunge&Turn) / Previous Description
GMM	○○○○-○○○MS	**G32**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-○○○MW	**G32, G63, G96**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-○○○R	**G32**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-○○○V	**G62**	Insert (Grooving / Plunge&Turn)
GMM	○○○○-○○○VR	**G62**	Insert (Grooving / Plunge&Turn)
GMN	○(.○)	**C19, C29, G34, G35, H18**	Insert (Grooving / Plunge&Turn)
GMN	○-TK	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMR/L	○-TK-8D	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMR/L	○(.○)-○(○)D	**G34, H18**	Insert (Grooving / Plunge&Turn)
GMGW	○○○○-○○R	**C30, G42**	Insert (Grooving / Plunge&Turn)
GMGW	○○○○-○○R-HR	**C30, G42**	Insert (Grooving / Plunge&Turn)
GOMT	○○○○○○ER-D	**M19**	Insert (Milling)
GP-1		**K42, K44, K46, P18**	Spare Parts (Plug)
GP-2		**K42, K43, K44, K45, K46, K47, K48, P18**	Spare Parts (Plug)
GS-50		**G18, G38, G60, G62, J22, J23, P2**	Spare Parts (Screw)
GS-50S		**P2**	Spare Parts (Screw)
GS-4090TR/LW		**P2**	Spare Parts (Screw)
GVR/L	○○○□R	**G58**	Insert (Grooving)
GVR/L	○○○□(□)	**C29, G58, M163**	Insert (Grooving / Previous Description)
GVR/L	○○○-○○○□(□)	**C29, G58, M163**	Insert (Grooving)
GVFR/L	○○○□	**C29, G93, M164**	Insert (Grooving / Previous Description)
GVFR/L	○○○AA	**G87**	Insert (Grooving)
GVFR/L	○○○□R	**G93**	Insert (Grooving)
GVFR/L	○○○-○○○AA	**G87**	Insert (Grooving)
GVFR/L	○○○-○○○□	**C29, G93, M164**	Insert (Grooving)
GVFR/L	○○○-○○○□R	**G93**	Insert (Grooving)
H			
HA○○	PCLNR/L12-○○	**F60**	Boring Bar (AD Bar Interchangeable Head)
HA○○	PDUNR/L15-○○	**F61**	Boring Bar (AD Bar Interchangeable Head)
HA○○	PTFNR/L16-○○	**F61**	Boring Bar (AD Bar Interchangeable Head)
HA○○	SCLCR/L09-○○	**F62**	Boring Bar (AD Bar Interchangeable Head)
HA○○	SDUCR/L11-○○	**F62**	Boring Bar (AD Bar Interchangeable Head)
HF20x53H		**M68, P2**	Spare Parts (Screw with Coolant Hole)
HF24x60H		**M68, P2**	Spare Parts (Screw with Coolant Hole)
HH3X6		**F78, P2**	Spare Parts (Screw)
HH3X12		**D32, D33, D34, D35, D36, F78, P2**	Spare Parts (Screw)
HH4X12		**G91, K49, P3**	Spare Parts (Screw)
HH4X16		**M37, M38, M45, M63, P2**	Spare Parts (Screw)
HH5X15		**G64, P2**	Spare Parts (Screw)
HH5X16		**D23, G24, G36, G37, G38, G39, H16, H20, H21, P2**	Spare Parts (Screw)
HH5X20		**F63, G94, G95, P2**	Spare Parts (Screw)
HH5X25		**G24, G36, G37, G38, G39, G94, G95, H16, H20, H21, H25, P2**	Spare Parts (Screw)
HH5X30		**F63, P2**	Spare Parts (Screw)
HH6X12		**K49, P2**	Spare Parts (Screw)
HH6X20		**F63, G41, G63, P2**	Spare Parts (Screw)
HH6X25		**G24, G36, G40, G42, G61, G96, H20, P2**	Spare Parts (Screw)
HH6X30		**F63, H25, P2**	Spare Parts (Screw)

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Description	Page	Category
HH8X25	**M28, M49, M86, P3**	Spare Parts (Screw)
HH8X25H	**M68, M77, P3**	Spare Parts (Screw with Coolant Hole)
HH8X35	**P3**	Spare Parts (Screw)
HH8X40	**P3**	Spare Parts (Screw)
HH8X50	**P3**	Spare Parts (Screw)
HH8X55	**P3**	Spare Parts (Screw)
HH8X65	**P3**	Spare Parts (Screw)
HH8X70	**P3**	Spare Parts (Screw)
HH8X80	**P3**	Spare Parts (Screw)
HH8X85	**P3**	Spare Parts (Screw)
HH8X100	**P3**	Spare Parts (Screw)
HH8X110	**P3**	Spare Parts (Screw)
HH10X25	**M151, P3**	Spare Parts (Screw)
HH10X30	**M25, M49, M59, M86, M146, P3**	Spare Parts (Screw)
HH10X30H	**M68, M77, P3**	Spare Parts (Screw with Coolant Hole)
HH10X30M	**M28, P3**	Spare Parts (Screw)
HH10X30S	**M28, M32, M34, P3**	Spare Parts (Screw)
HH10X35	**M123, P3**	Spare Parts (Screw)
HH10X40	**M86, P3**	Spare Parts (Screw)
HH12X25	**P3**	Spare Parts (Screw)
HH12X30	**P3**	Spare Parts (Screw)
HH12X35	**M25, M37, M42, M43, M45, M49, M59, M65, M86, M88, M89, M97, M100, M123, M134, M135, M146, M151, P3**	Spare Parts (Screw)
HH12X35H	**M68, P3**	Spare Parts (Screw with Coolant Hole)
HH12X35M	**M28, M32, M34, P3**	Spare Parts (Screw)
HH12X40	**M88, M89, M100, 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	**M134, M135, P3**	Spare Parts (Screw)
HH16X40	**M88, M89, P3**	Spare Parts (Screw)
HH16X45	**M86, M97, M100, P3**	Spare Parts (Screw)
HH16X52H	**M68, P3**	Spare Parts (Screw with Coolant Hole)
HH16X65	**P3**	Spare Parts (Screw)
HH16X90	**P3**	Spare Parts (Screw)
HH16X110	**P3**	Spare Parts (Screw)
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HH20X55	**M97, P3**	Spare Parts (Screw)
HH20X75	**P3**	Spare Parts (Screw)
HH20X90	**P3**	Spare Parts (Screw)
HH20X110	**P3**	Spare Parts (Screw)
HH20X120	**P3**	Spare Parts (Screw)
HH20X140	**P3**	Spare Parts (Screw)
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HH24X40	**P3**	Spare Parts (Screw)
HH24X60	**P3**	Spare Parts (Screw)
HH24X75	**P3**	Spare Parts (Screw)
HH24X90	**P3**	Spare Parts (Screw)
HH24X110	**P3**	Spare Parts (Screw)
HH24X120	**P3**	Spare Parts (Screw)
HH24X140	**P3**	Spare Parts (Screw)
HH24X150	**P3**	Spare Parts (Screw)
HH24X170	**P3**	Spare Parts (Screw)
HPB$^{R}/_{L}$ ○○○○-○○○	**F32**	2-Edge Tip-Bars (Boring)
HPB$^{R}/_{L}$ ○○○○-○○○NB	**F32**	2-Edge Tip-Bars (Boring)
HPBT$^{R}/_{L}$ ○○○○-○○○	**F32**	2-Edge Tip-Bars (Back Boring)
HPFG$^{R}/_{L}$ ○○○○-○○	**G71**	2-Edge Tip-Bars (Internal Face Grooving)
HPG$^{R}/_{L}$ ○○○○-○○	**G48**	2-Edge Tip-Bars (Internal Grooving)
HPTR ○○○○○-○○-○○○	**J28**	2-Edge Tip-Bars (Internal Threading)
HS3X4	**F26, F28, F35, F80, P4**	Spare Parts (Screw)
HS3X4P	**F18, F20, F23, F33, F76, P4**	Spare Parts (Screw)
HS3X8	**P4**	Spare Parts (Screw)
HS3X12	**P4**	Spare Parts (Screw)
HS3X16	**P4**	Spare Parts (Screw)
HS4X4	**F35, F78, F80, P4**	Spare Parts (Screw)
HS4X4P	**F18, F20, F23, F33, F76, G49, J30, P4**	Spare Parts (Screw)
HS5X5	**F78, P4**	Spare Parts (Screw)
HS6X4P	**F77, G54, P4**	Spare Parts (Screw)
HS6X6	**F78, P4**	Spare Parts (Screw)
HS6X14	**F78, P4**	Spare Parts (Screw)
HS6X22	**F78, P4**	Spare Parts (Screw)
HS8X10	**N10, P4**	Spare Parts (Screw)
HS8X12	**N10, P4**	Spare Parts (Screw)
HS10X10	**F78, P4**	Spare Parts (Screw)
HS10X16	**N10, P4**	Spare Parts (Screw)
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HS12X16	**N10, P4**	Spare Parts (Screw)
HS12X18	**N10, P4**	Spare Parts (Screw)
HS12X20	**N10, P4**	Spare Parts (Screw)
HS12X25	**N3, P4**	Spare Parts (Screw)
HS12X30	**N3, N4, P4**	Spare Parts (Screw)
HS12X35	**N4, P4**	Spare Parts (Screw)
HS16X12	**N10, P4**	Spare Parts (Screw)
HS16X18	**N10, P4**	Spare Parts (Screw)
HS16X20	**N10, P4**	Spare Parts (Screw)
HSB4X8$^{R}/_{L}$	**E17, E18, E19, E22, E24, E30, P4**	Spare Parts (Screw)
J		
JCET ○○○○○○M$^{R}/_{L}$-F	**B59**	Insert (Turning)
JCET ○○○○○○M$^{R}/_{L}$-FSF	**B59**	Insert (Turning)
JCET ○○○○○○$^{R}/_{L}$-FSF	**B59**	Insert (Turning)
JCGT ○○○○○○M$^{R}/_{L}$-F	**B59**	Insert (Turning)
JCGT ○○○○○○$^{R}/_{L}$-F	**B59**	Insert (Turning)
JOMT ○○○○○○ER-D	**M19**	Insert (Milling)
K		
KFMS$^{R}/_{L}$ ○○○○□○○(○)○○(○)-8	**G96**	Toolholder (Grooving / Plunge&Turn)
KFMS$^{R}/_{L}$ ○○○○□○○(○)○○(○)-○	**G94, G95**	Toolholder (Grooving / Plunge&Turn)
KFTB$^{R}/_{L}$ ○○○○○(○)-○S	**G97**	Blade (Grooving)
KGA$^{R}/_{L}$ ○○○○□-○	**G41**	Toolholder (Grooving)
KGB$^{R}/_{L}$ ○○○○□-○○	**G15**	Toolholder (Grooving)
KGB$^{R}/_{L}$ ○○○○□22-○○	**G15**	Toolholder (Grooving)
KGBA$^{R}/_{L}$ ○○○○□-○○	**G13**	Toolholder (Grooving)
KGBA$^{R}/_{L}$ ○○○○□22-○○	**G13**	Toolholder (Grooving)
KGBA$^{R}/_{L}$ ○○○○□22-○○T5	**G13**	Toolholder (Grooving)
KGBAS$^{R}/_{L}$ ○○○○□-○○	**G13**	Toolholder (Grooving)
KGBAS$^{R}/_{L}$ ○○○○□22-○○	**G13**	Toolholder (Grooving)
KGBAS$^{R}/_{L}$ ○○○○□22-○○T5	**G13**	Toolholder (Grooving)
KGBS$^{R}/_{L}$ ○○○○□-○○	**G15**	Toolholder (Grooving)
KGBS$^{R}/_{L}$ ○○○○□22-○○	**G15**	Toolholder (Grooving)
KGDF$^{R}/_{L}$ -○○(○)-○□-C	**G77, G78, G79, G80, G81, G82, G83**	Blade (Face Grooving)
KGDF$^{R}/_{L}$ ○○○○X○○(○)-○□S	**G77, G78, G79, G80**	Toolholder (Face Grooving)
KGD$^{R}/_{L}$ ○T○○-C	**G25, G26, G27, H17**	Blade (Grooving / Cut-Off)
KGD$^{R}/_{L}$ ○○○○-C	**G25, G27, G77, G78, G79, G80, H17**	Toolholder Body (Grooving / Cut-Off)
KGD$^{R}/_{L}$ ○○○○□-○(.○)T○○	**G24, H16**	Toolholder (Grooving / Cut-Off)
KGD$^{R}/_{L}$ ○○○○□(□)-○(.○)	**G23, H15**	Toolholder (Grooving / Cut-Off)
KGD$^{R}/_{L}$ ○○○○□□-○D○○	**H15**	Toolholder (Cut-Off)
KGD$^{R}/_{L}$ ○○○○X-○T○○S	**G25, H17**	Toolholder (Grooving / Cut-Off)
KGDS$^{R}/_{L}$ ○○○○-C	**G26, G27, G81, G82**	Toolholder (Grooving)
KGDS$^{R}/_{L}$ ○○○○X-○T○○S	**G26**	Toolholder (Grooving)
KGH$^{R}/_{L}$ ○○○○□-○(○)	**G40**	Toolholder (Grooving)
KGHS$^{R}/_{L}$ ○○○○□-○	**G40**	Toolholder (Grooving)

Description	Page	Category
KGIAR ○○H	**G64**	Toolholder (Grooving / Toolholder Body)
KGIAR ○○○○B-○	**G64**	Toolholder (Grooving)
KGM R/L ○○○○□-○	**G36, H20**	Toolholder (Grooving / Plunge&Turn)
KGM R/L ○○○○□-○T○○	**G37, H21**	Toolholder (Grooving / Plunge&Turn)
KGM R/L ○○○○□-○(.○)-○○(○)	**G36, G106, H20, H28**	Toolholder (Grooving / Plunge&Turn)
KGM R/L ○○○○□□-○(.○)	**G36, H20**	Toolholder (Grooving / Plunge&Turn)
KGMM R/L ○○○○□-○	**G38**	Toolholder (Grooving / Plunge&Turn)
KGMS R/L ○○○○□-○	**G38**	Toolholder (Grooving / Plunge&Turn)
KGMU R/L ○○○○□	**G39**	Toolholder (Grooving / Plunge&Turn)
KGMW R/L ○○○○□-○	**G42**	Toolholder (Grooving / Plunge&Turn)
KIGBA R/L ○○○○-○○	**G59**	Toolholder (Grooving)
KIGH R/L ○○○○B-○	**G61**	Toolholder (Grooving)
KIGM R/L ○○○○B-○	**G63**	Toolholder (Grooving / Plunge&Turn)
KIGM R/L ○○○○B-○V	**G62**	Toolholder (Grooving / Plunge&Turn)
KIGMU R/L ○○○○B-○	**G63**	Toolholder (Grooving / Plunge&Turn)
KITG R/L ○○○○T-○○	**G60, J23**	Toolholder (Grooving / Threading)
KNMX ○○○○○○R/L-1	**B27**	Insert (Turning)
KPS-42	**E42, F56, P8**	Spare Parts (Shim)
KPT-32	**E43, F57, P8**	Spare Parts (Shim)
KPT-42	**M63, P8**	Spare Parts (Shim)
KTG R/L ○○○○□-○○	**G18**	Toolholder (Grooving)
KTG R/L ○○○○□22-○○	**G18**	Toolholder (Grooving)
KTGF R/L ○○○○□-○○□	**G16, G106**	Toolholder (Grooving)
KTGF R/L ○○○○□(□)-○○F	**G16**	Toolholder (Grooving)
KTKB ○○-○S	**H24**	Blade (Cut-Off)
KTKB ○○-○SS	**H24**	Blade (Cut-Off)
KTKB R/L ○○-○S	**H24**	Blade (Cut-Off)
KTKF R/L ○○○○□(□)-○○	**E12, E48, H8, H28, J18**	Toolholder (Back Turning / Cut-Off / Threading)
KTKFS R/L ○○○○□-○○□	**H10**	Toolholder (Cut-Off)
KTKH R/L ○○○○□-○S	**H26**	Toolholder (Cut-Off)
KTKH R/L ○○○○□-○T○○S	**H26**	Toolholder (Cut-Off)
KTKH R/L ○○○○□-○(.○)-○○○B	**H28**	Toolholder (Cut-Off)
KTKH R/L ○○○○□-○-○○○S	**H28**	Toolholder (Cut-Off)
KTKTB ○○-○○	**H25**	Block (Cut-Off)
KTKTBF ○○-○○	**H25**	Block (Cut-Off)
KTN R/L ○○○○□-○○	**J16**	Toolholder (Threading)
KTNS R/L ○○○○□-○○	**J16**	Toolholder (Threading)
KTT R/L ○○○○□-○○	**J22**	Toolholder (Threading)
KTTXR ○○○○□(□)-○○F	**J20**	Toolholder (Threading)
KVN-32	**D18, P8**	Spare Parts (Shim)
L		
LC-4K	**F60, P9**	Spare Parts (Shim)
LC-32	**P9**	Spare Parts (Shim)
LC-32N	**D8, F64, P9**	Spare Parts (Shim)
LC-42	**P9**	Spare Parts (Shim)
LC-42N	**D8, E40, N5, P9**	Spare Parts (Shim)
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LC-42 R/L	**P9**	Spare Parts (Shim)
LC-53	**P9**	Spare Parts (Shim)
LC-53N	**D8, P9**	Spare Parts (Shim)
LCP025097	**F18**	Spare Parts (Locationg Pin)
LCP025140	**F20**	Spare Parts (Locationg Pin)
LD-4K	**F61, P9**	Spare Parts (Shim)
LD-4K43	**F61, P9**	Spare Parts (Shim)
LD-32	**P9**	Spare Parts (Shim)
LD-32N	**D11, F65, P9**	Spare Parts (Shim)
LD-42	**D11, F67, N5, N6, P9**	Spare Parts (Shim)
LD-42-20	**D11, F67, N5, N6, P9**	Spare Parts (Shim)
LD-43	**D11, P9**	Spare Parts (Shim)
LD-43-20	**D11, P9**	Spare Parts (Shim)
LGBA-16 R/L S	**G13, G59, N9, P14**	Spare Parts (Clamp Set)
LGBA-22 R/L S	**G13, G59, N9, P14**	Spare Parts (Clamp Set)
LL-03	**P7**	Spare Parts (Lock Pin)
LL-03N	**D14, P7**	Spare Parts (Lock Pin)
LL-03S	**P7**	Spare Parts (Lock Pin)
LL-03SN	**F64, F68, F69, P7**	Spare Parts (Lock Pin)
LL-03T	**P7**	Spare Parts (Lock Pin)
LL-03TN	**D14, F68, P7**	Spare Parts (Lock Pin)

Description	Page	Category
LL-05C	**D19, P7**	Spare Parts (Lock Pin)
LL-1	**P7**	Spare Parts (Lock Pin)
LL-1C	**P7**	Spare Parts (Lock Pin)
LL-1CN	**D19, D37, P7**	Spare Parts (Lock Pin)
LL-1D	**P7**	Spare Parts (Lock Pin)
LL-1DN	**D11, F65, P7**	Spare Parts (Lock Pin)
LL-1K	**F61, P7**	Spare Parts (Lock Pin)
LL-1N	**D8, D12, D13, D14, D19, D20, E41, F64, F68, F69, N6, P7**	Spare Parts (Lock Pin)
LL-2	**P7**	Spare Parts (Lock Pin)
LL-2C	**D37, P7**	Spare Parts (Lock Pin)
LL-2K	**F60, P7**	Spare Parts (Lock Pin)
LL-2N	**D8, D12, D13, D14, D19, D20, E40, F64, F70, N5, N7, P7**	Spare Parts (Lock Pin)
LL-3	**P7**	Spare Parts (Lock Pin)
LL-3K	**F61, P7**	Spare Parts (Lock Pin)
LL-3N	**D11, F67, N5, N6, P7**	Spare Parts (Lock Pin)
LL-4	**D11, P7**	Spare Parts (Lock Pin)
LL-5	**P7**	Spare Parts (Lock Pin)
LL-5N	**D8, P7**	Spare Parts (Lock Pin)
LNEU ○○○○-○○(-○)	**M124**	Insert (Milling)
LNEU ○○○○-○○S(-○)	**M124**	Insert (Milling)
LOF07R	**M30**	Spare Parts (Cartridge)
LOMU ○○○○○○ER-GH	**M14**	Insert (Milling)
LOMU ○○○○○○ER-GM	**M14**	Insert (Milling)
LOMU ○○○○○○ER-SM	**M14**	Insert (Milling)
LP-2S	**D18, P7**	Spare Parts (Lock Pin)
LP-6S	**D18, P7**	Spare Parts (Lock Pin)
LPA-11	**E17, E18, E19, P7**	Spare Parts (Anchor Pin)
LPA-13	**E17, E18, E19, P7**	Spare Parts (Anchor Pin)
LPA-17	**E17, E18, E19, P7**	Spare Parts (Anchor Pin)
LPF-11	**E22, E24, E30, P7**	Spare Parts (Anchor Pin)
LPF-13	**E22, E24, P7**	Spare Parts (Anchor Pin)
LPF-17	**E22, E24, P7**	Spare Parts (Anchor Pin)
LPF-1113	**E30, P7**	Spare Parts (Anchor Pin)
LPF-1117	**E30, P7**	Spare Parts (Anchor Pin)
LR-10C	**D19, P9**	Spare Parts (Shim)
LR-12C	**D19, D37, P9**	Spare Parts (Shim)
LR-16C	**D37, P9**	Spare Parts (Shim)
LR-80	**D19, P9**	Spare Parts (Shim)
LR-81	**D19, P9**	Spare Parts (Shim)
LS-03	**P4**	Spare Parts (Lock Screw)
LS-03N	**D14, P4**	Spare Parts (Lock Screw)
LS-03S	**P4**	Spare Parts (Lock Screw)
LS-03SN	**D14, F64, F68, F69, P4**	Spare Parts (Lock Screw)
LS-05	**D19, P4**	Spare Parts (Lock Screw)
LS-1	**P4**	Spare Parts (Lock Screw)
LS-1N	**D8, D11, D12, D13, D14, D19, D20, D37, E41, F68, N6, P4**	Spare Parts (Lock Screw)
LS-1P	**F61, P4**	Spare Parts (Lock Screw)
LS-1S	**P4**	Spare Parts (Lock Screw)
LS-1SN	**F64, F65, F69, P4**	Spare Parts (Lock Screw)
LS-1T	**D37, P4**	Spare Parts (Lock Screw)
LS-2	**P4**	Spare Parts (Lock Screw)
LS-2N	**D8, D11, D12, D13, D14, D19, D20, E40, F64, F67, F70, N5, N6, N7, P4**	Spare Parts (Lock Screw)
LS-2P	**F60, P4**	Spare Parts (Lock Screw)
LS-3	**D11, P4**	Spare Parts (Lock Screw)
LS-3P	**F61, P4**	Spare Parts (Lock Screw)
LS-4	**P4**	Spare Parts (Lock Screw)
LS-4N	**D8, P4**	Spare Parts (Lock Screw)
LS-11	**D18, P4**	Spare Parts (Lock Screw)
LS-15	**D18, P4**	Spare Parts (Lock Screw)

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Description	Page	Category
LS-32	**D12, D13, P9**	Spare Parts (Shim)
LS-42	**D12, D13, P9**	Spare Parts (Shim)
LSD-445R	**M37, P12**	Spare Parts (Cartridge)
LSE-445R	**P12**	Spare Parts (Cartridge)
LSE-445SR	**M34**	Spare Parts (Cartridge)
LSO-445R	**M38, P12**	Spare Parts (Cartridge)
LSP-1	**D8, D11, D12, D13, D14, D19, D20, D37, E41, F64, F65, F68, F69, N6, P7**	Spare Parts (Shim Pin)
LSP-2	**D8, D11, D12, D13, D14, D19, D20, D37, E40, F64, F67, F70, N5, N6, N7, P7**	Spare Parts (Shim Pin)
LSP-2K	**F61, P7**	Spare Parts (Shim Pin)
LSP-3	**D8, P7**	Spare Parts (Shim Pin)
LSP-3K	**F60, F61, P7**	Spare Parts (Shim Pin)
LSP-415R	**M45, P12**	Spare Parts (Cartridge)
LT-3K	**F61, P9**	Spare Parts (Shim)
LT-32	**P9**	Spare Parts (Shim)
LT-32N	**D14, E41, F68, N6, P9**	Spare Parts (Shim)
LT-32N-20	**D14, E41, F68, N6, P9**	Spare Parts (Shim)
LT-42	**P9**	Spare Parts (Shim)
LT-42N	**D14, P9**	Spare Parts (Shim)
LT-42N-20	**D14, P9**	Spare Parts (Shim)
LTE-490R	**M63, P12**	Spare Parts (Cartridge)
LTE-490SR	**M62**	Spare Parts (Cartridge)
LTK-5	**G97, H26, P18**	Spare Parts (Wrench)
LTP-10	**F61, P17**	Spare Parts (Torx Plus Wrench / L-shaped type)
LTP-15	**F60, F61, P17**	Spare Parts (Torx Plus Wrench / L-shaped type)
LTW-8SS	**E39, P17**	Spare Parts (Torx Wrench / L-shaped type)
LTW-10S	**E12, F26, F29, F30, F31, G72, G73, H8, H10, J18, P17**	Spare Parts (Torx Wrench / L-shaped type)
LTW-10SS	**E38, P17**	Spare Parts (Torx Wrench / L-shaped type)
LTW-15S	**G23, G36, H15, H20, P17**	Spare Parts (Torx Wrench / L-shaped type)
LTW-20	**E23, F58, G36, G37, G38, G62, H15, H20, H21, M156, P17**	Spare Parts (Torx Wrench / L-shaped type)
LTW-25	**G25, G26, G27, G76, G79, H17**	Spare Parts (Torx Wrench / L-shaped type)
LW-1.5	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-2	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-2.5	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-3	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-4	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-4.5	**M64, P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-5	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-6	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-8	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-10	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-14	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-17	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-19	**P17**	Spare Parts (Hexagon Wrench / L-shaped type)
LW-32	**P9**	Spare Parts (Shim)
LW-32N	**D20, F69, P9**	Spare Parts (Shim)
LW-42	**P9**	Spare Parts (Shim)
LW-42N	**D20, N7, P9**	Spare Parts (Shim)
LW-42N R/L	**F70, P9**	Spare Parts (Shim)
LW-42 R/L	**P9**	Spare Parts (Shim)

Description	Page	Category
M		
M3X 8	**D22, D23, D25, D26, D27, D28, D29, D30, D31, D33, D34, D35, F71, F72, P4**	Spare Parts (Screw)
M3X12	**D22, D25, D26, D27, D33, D34, D35, F71, P4**	Spare Parts (Screw)
M4X10	**D22, D25, D27, D30, D31, P4**	Spare Parts (Screw)
MAP-1806	**M43**	Spare Parts (Cartridge)
MAP-1806M	**M97**	Spare Parts (Cartridge)
MAP-1806S	**M97**	Spare Parts (Cartridge)
MAP-2506	**M100, M101, P12**	Spare Parts (Shim)
MCSE ○○○	**M156**	End Mill (Chamfering)
MCSE ○○○-○○D	**M156**	End Mill (Chamfering)
MEAL ○○-S○○	**M108**	End Mill (for Aluminum Machining)
MEC ○○-M○○-○○(T)-○T	**M69**	Modular type Head(MEC)
MEC ○○-S○○-○○	**M66, M67**	End Mill (MEC)
MEC ○○-S○○-○○T	**M66**	End Mill (MEC)
MEC ○○-S○○-○○○-○○	**M67**	End Mill (MEC)
MEC ○○-S○○-○○○-○○T	**M67**	End Mill (MEC)
MEC ○○-W○○-○○○○	**M67**	End Mill (MEC)
MEC ○○-W○○-○○○○-H	**M67**	End Mill (MEC)
MEC ○○○R-○○-○□-M	**M68**	Face Mill (MEC)
MEC ○○○R-○○-○(○)(□)□	**M68**	Face Mill (MEC)
MECH ○○○-S○○-○○-○-○T	**M86**	End Mill (MECH)
MECH ○○○R-○○-○-○T	**M86**	End Mill (MECH)
MECH ○○○R-○○-○-○T-M	**M86**	Shell Mill (MECH)
MECH ○○○R○○-○-○T-BT○○	**M87**	End Mill (MECH)
MECH ○○○R○○-○T-BT○○-A	**M88, M89**	End Mill (MECH)
MECH ○○○R○○-○T-BT○○SA	**M88, M89**	End Mill (MECH)
MECH ○○○R○○-○T-F	**M88, M89**	End Mill (MECH)
MECX ○○-S○○-○○-○T	**M76**	End Mill (MECX)
MECX ○○-S○○-○○○-○○-○T	**M76**	End Mill (MECX)
MECX ○○○R-○○-○(○)T-M	**M77**	Face Mill (MECX)
MEF ○○-S○○	**M158**	End Mill (Countersinking)
METS ○○-S○○	**M160**	End Mill (T-Slotting)
METS ○○-S○○-H	**M160**	End Mill (T-Slotting)
MEW ○○-M○○-○○-○T	**M50**	Modular type Head(MEW)
MEW ○○-S○○-○○-○T	**M48**	End Mill (MEW)
MEW ○○-S○○-○○-○○○-○T	**M48**	End Mill (MEW)
MEW ○○-W○○-○○-○T	**M48**	End Mill (MEW)
MEW ○○○R-○○-○T(-M)	**M49**	Face Mill (MEW)
MEWH ○○○-S○○-○○-○-○T	**M81**	End Mill (MEWH)
MEY ○○-S○○	**M110**	End Mill (3-D End Mill)
MEY ○○-S○○-○○○	**M110**	End Mill (3-D End Mill)
MEY ○○-S○○-○○○H	**M110**	End Mill (3-D End Mill)
MEZ ○○-S○○G	**M114**	End Mill (3-D End Mill)
MEZ ○○-S○○-○○○G	**M114**	End Mill (3-D End Mill)
MEZ ○○-S○○-○○○HG	**M114**	End Mill (3-D End Mill)
MFPN-45	**M25**	Spare Parts (Shim)
MFPN ○○○○○R-○(○)T	**M24**	Face Mill (MFPN)
MFPN ○○○○○R-○(○)T-M	**M24**	Face Mill (MFPN)
MFPN ○○○○○R-S32-○T	**M25**	End Mill (MFPN)
MFWN-90	**M59**	Spare Parts (Shim)
MFWN ○○○○○R-○(○)T	**M58**	Face Mill (MFWN)
MFWN ○○○○○R-○(○)T-M	**M58**	Face Mill (MFWN)
MFWN ○○○○○R-S○○-○T	**M59**	Face Mill (MFWN)
MGI ○○○○-1□(□)	**M162**	End Mill (Grooving for M/C)
MOF ○○○○○R-○○-○T	**M28**	Face Mill
MOF ○○○○○R-○○-○T-M	**M28**	Face Mill
MOFX ○○○○○R-○○-○(○)T-SF	**M30**	Face Mill
MOFX ○○○○○□○○-○(○)T-MSF	**M30**	Face Mill
MP-1	**M25, M43, M49, M50, M59, M69, M81, M86, M87, M89, M97, M100, M101, M123, M134, M135, M142, M146, M147**	Spare Parts (Anti-seize Compound)
MRF ○○-S○○	**M142**	End Mill (Ball-Nose)
MRF ○○-S○○-○○○	**M142**	End Mill (Ball-Nose)
MRFW ○○-S○○	**M142**	End Mill (Ball-Nose)
MRFW ○○-S○○-○○○	**M142**	End Mill (Ball-Nose)
MRP ○○○R-○○	**M151**	Face Milll ("Radius Mill")

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MRP	○○○R-○○-○T	**M151**	Face Milll ("Radius Mill")
MRP	○○○-S○○-○○	**M150**	End Mill (Radius Mill)
MRP	○○○-S○○-○○-○T	**M150**	End Mill (Radius Mill)
MRP	○○○-S○○-○○-○T-○○○	**M150**	End Mill (Radius Mill)
MRP	○○○-S○○-○○-○○○	**M150**	End Mill (Radius Mill)
MRW	○○-S○○-○○-○T	**M147**	End Mill (Radius Mill)
MRW	○○-S○○-○○-○T-○○○	**M147**	End Mill (Radius Mill)
MRW	○○-W○○-○○-○T	**M147**	End Mill (Radius Mill)
MRW	○○○R-○○-○(○)T	**M146**	Face Milll ("Radius Mill")
MRW	○○○R-○○-○(○)T-M	**M146**	Face Milll ("Radius Mill")
MSD-42		**M37, P9**	Spare Parts (Shim)
MSD	45○○	**M37**	Face Mill (with Shank)
MSD	45○○-32	**M37**	Face Mill (with Shank)
MSD	45○○(○)R	**M37**	Face Mill
MSE	15○○	**M45**	Face Mill (with Shank)
MSE	15○○-32	**M45**	Face Mill (with Shank)
MSE-4215		**M45, P9**	Spare Parts (Shim)
MSE-4245		**M33, P9**	Spare Parts (Shim)
MSE-4245S		**M32, P9**	Spare Parts (Shim)
MSE	45○○	**M33**	Face Mill (with Shank)
MSE	45○○-32	**M33**	Face Mill (with Shank)
MSE	45○○○R-○T	**M32**	Face Mill
MSE	45○○○R-○T-M	**M32**	Face Mill
MSE	45○○○R-○T-M-SF	**M34**	Face Mill
MSE	45○○○R-○T-SF	**M34**	Face Mill
MS-FRW1		**M118, M119**	Spare Parts (Wrench / for MSTA)
MSO	45○○-S	**M38**	Face Mill (with Shank)
MSO	45○○-S32-09	**M39**	Face Mill (with Shank)
MSO	45○○○R	**M38**	Face Mill
MSO	45○○○R-09	**M39**	Face Mill
MSO	90○○-S32-○○	**M65**	Face Mill (with Shank)
MSO	90○○○R-○○	**M65**	Face Mill
MSO	90○○○R-○○-○(○)T	**M64**	Face Mill
MSO	90○○○R-○○-○(○)T-M	**M64**	Face Mill
MSO-4T245		**M38, P10**	Spare Parts (Shim)
MSO-5200		**M64, P10**	Spare Parts (Shim)
MSP	15○○	**M45**	Face Mill (with Shank)
MSP	15○○(○)R	**M45**	Face Mill
MSP-42		**M45, P10**	Spare Parts (Shim)
MSR	○○○R-○	**M100**	Face Mill
MSR	○○○R-○M	**M100**	Face Mill
MSR	○○○R-○-31.75	**M100**	Face Mill
MSR	○○○R-BT50-○	**M101**	Face Mill
MSRS	15○○○R-○(○)□	**M42**	Face Mill
MSRS	15○○○R-○(○)□-M	**M42**	Face Mill
MSRS	90○○○R-○-○(○)□	**M96**	Face Mill
MSRS	90○○○R-○-○(○)□-M	**M96**	Face Mill
MSTA	○○(○)□○○-○(○)T	**M118**	Slot Mill
MSTA	○○□○○○-○(○)T	**M119**	Slot Mill
MSTB	○○(○)□□○○○○-○T	**M122, M123**	Slot Mill
MSTB	○○○○□□○○○-○T	**M122**	Slot Mill
MSTC	○○○□□○○○-○○○-○○	**M128, M130, M132**	Slot Mill
MSTC	○○○□□○○○○-○○-○(○)T	**M128, M129, M130, M131, M132, M133**	Slot Mill
MT-	○	**K11**	Spare Parts (Screw / Insert mounting screw)
MTE-42		**M63, P10**	Spare Parts (Shim)
MTE	90○○	**M63**	Face Mill (with Shank)
MTE	90○○-32	**M63**	Face Mill (with Shank)
MTE	90○○(○)R	**M63**	Face Mill
MTE	90○○○R-○T-SF	**M62**	Face Mill
MTES	○○○	**M109**	End Mill
MTP	90○○	**M63**	Face Mill (with Shank)
MTPS	○○○	**M109**	End Mill
MVG	○○○○	**M164**	End Mill (Ring Grooving for M/C)
MVLN$^{R}/_{L}$	○○○○□-○○	**D17**	Toolholder (Turning)
MVN-32		**D17, P10**	Spare Parts (Shim)
MVVNN	○○○○□-○○	**D17**	Toolholder (Turning)
N			
NDCT	○○○○○○FR	**M19**	Insert (Milling)
NDCT	○○○○○○TR	**M19**	Insert (Milling)
NDCT	○○○○○○TRX	**M19**	Insert (Milling)
NDCW	○○○○○○FRX	**C34, M19, M22**	Insert (Milling)
NDCW	○○○○○○FRX-NE	**C34, M22**	Insert (Milling)
NDCW	○○○○○○TR	**M19**	Insert (Milling)

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NDCW	○○○○○○TRX	**M19**	Insert (Milling)
NDMM	○○○○○○ER-N○	**M20**	Insert (Milling)
NDMM	○○○○○○ER-T	**M20**	Insert (Milling)
NDMM	○○○○○○ER-SP	**M19**	Insert (Milling)
NDMT	○○○○○○ER-D	**M20**	Insert (Milling)
NDMT	○○○○○○ER-DH	**M20**	Insert (Milling)
NEMT	○○○○○○ER-D	**M20**	Insert (Milling)
NEMT	○○○○○○ER-DH	**M20**	Insert (Milling)
O			
OFMR	○○○○○○EN-GT	**M15**	Insert (Milling)
OFMR	○○○○○○EN-SH	**M15**	Insert (Milling)
OFMT	○○○○○○EN-GT	**M15**	Insert (Milling)
OFMT	○○○○○○E□-SH	**M15**	Insert (Milling)
P			
P-03		**D14, P7**	Spare Parts (Shim Pin)
P-03S		**D14, F64, F68, F69, P7**	Spare Parts (Shim Pin)
PC-1		**D8, D11, D12, D13, D14, D19, D20, D37, E41, F64, F65, F68, F69, N6, P18**	Spare Parts (Punch)
PC-2		**D8, D11, D12, D13, D14, D19, D20, D37, E40, F64, F67, F70, N5, N6, N7, P18**	Spare Parts (Punch)
PC-2K		**F60, F61**	Spare Parts (Punch)
PCLN$^{R}/_{L}$	○○○○B-○○	**F64**	Boring Bar / Previous Description
PCLN$^{R}/_{L}$	○○○○B-○○H	**F64**	Boring Bar / Previous Description
PCLN$^{R}/_{L}$	○○○○□-○○	**D8**	Toolholder (Turning)
PCLNR	○○○○□□-○○FF	**E40**	Toolholder (Double Sided Tooling)
PD-42		**F67, P10**	Spare Parts (Shim)
PDHN$^{R}/_{L}$	○○○○□-○○	**D11**	Toolholder (Turning)
PDJN$^{R}/_{L}$	○○○○□-○○	**D11**	Toolholder (Turning)
PDJN$^{R}/_{L}$	○○○○□-○○U	**D11**	Toolholder (Turning)
PDUN$^{R}/_{L}$	○○○○B-○○	**F65**	Boring Bar / Previous Description
PDUN$^{R}/_{L}$	○○○○B-○○H	**F65**	Boring Bar / Previous Description
PH-	○○○○	**F35, F80**	Sleeve (for Tip-Bars / Previous Description)
PH	○○○○-○○	**F35, F80**	Sleeve (for Tip-Bars)
PNEU	○○○○ANER-GL	**M14**	Insert (Milling)
PNEU	○○○○ANER-W	**M14**	Insert (Milling)
PNMU	○○○○ANER-GH	**M14**	Insert (Milling)
PNMU	○○○○ANER-GM	**M14**	Insert (Milling)
PNMU	○○○○ANER-SM	**M14**	Insert (Milling)
PP-4		**F67, P7**	Spare Parts (Lock Pin)
PRGC$^{R}/_{L}$	○○○○□-○○	**D19**	Toolholder (Turning)
PRGC$^{R}/_{L}$	○○○○□-○○BE	**D37**	Toolholder (Turning)
PRGC$^{R}/_{L}$	○○○○□-○○BF	**D37**	Toolholder (Turning)
PRGN$^{R}/_{L}$	○○○○□-○○	**D19**	Toolholder (Turning)
PRXC$^{R}/_{L}$	○○○○□-○○	**D19**	Toolholder (Turning)
PSB$^{R}/_{L}$	○○○○-○○NBS	**C20, C32, F34**	Tip-Bars (Boring)
PSB$^{R}/_{L}$	○○○○-○○S	**F34**	Tip-Bars (Boring)
PSBN$^{R}/_{L}$	○○○○□-○○	**D12**	Toolholder (Turning)
PSBT$^{R}/_{L}$	○○○○-○○S	**F34**	Tip-Bars (Boring)
PSDNN	○○○○□-○○	**D13**	Toolholder (Turning)
PSFG$^{R}/_{L}$	○○○○-○○S	**G71**	Tip-Bars (Grooving)
PSG$^{R}/_{L}$	○○○○-○○S	**G48**	Tip-Bars (Grooving)
PSH	○○○○(.○)-○○(○)	**F33, F76, G49, J30**	Sleeve (for 2-Edge Tip-Bars)
PSKN$^{R}/_{L}$	○○○○□-○○	**D12**	Toolholder (Turning)
PSSN$^{R}/_{L}$	○○○○□-○○	**D13**	Toolholder (Turning)
PSTR	○○○○-○○S	**J31**	Tip-Bars (Threading)
PTFN$^{R}/_{L}$	○○○○□-○○	**D14**	Toolholder (Turning)
PTGN$^{R}/_{L}$	○○○○□-○○	**D14**	Toolholder (Turning)
PTLNR	○○○○□□-○○FF	**E41**	Toolholder (Double Sided Tooling)
PTUN$^{R}/_{L}$	○○○○B-○○	**F68**	Boring Bar / Previous Description
PTUN$^{R}/_{L}$	○○○○B-○○H	**F68**	Boring Bar / Previous Description
PVLN$^{R}/_{L}$	○○○○□-○○Q	**D18**	Toolholder (Turning)
PVPN$^{R}/_{L}$	○○○○□-○○Q	**D18**	Toolholder (Turning)
PVVNN	○○○○□-○○Q	**D18**	Toolholder (Turning)
PWLN$^{R}/_{L}$	○○○○B-○○	**F69**	Boring Bar / Previous Description
PWLN$^{R}/_{L}$	○○○○B-○○H	**F69**	Boring Bar / Previous Description
PWLN$^{R}/_{L}$	○○○○□-○○	**D20**	Toolholder (Turning)

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RBG	○○W	**B88**	Insert (Turning) / Previous Description
RCGX	○○○○M0-AQ	**B59**	Insert (Turning)
RCGX	○○○○○○E○○○	**B88**	Insert (Turning)
RCGX	○○○○○○P○○○○○	**B88**	Insert (Turning)
RCGX	○○○○○○S○○○○○	**B88**	Insert (Turning)
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RCMX	○○○○M0	**B59**	Insert (Turning)
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RDHX	○○○○M0T	**M20**	Insert (Milling)
RDMT	○○○○M0-H	**M20**	Insert (Milling)
RNGN	○○○○○○(K)	**B82**	Insert (Turning) / Previous Description
RNGN	○○○○○○E○○○	**B82**	Insert (Turning)
RNGN	○○○○○○K○○○○○	**B82**	Insert (Turning)
RNGN	○○○○○○S○○○○○	**B82**	Insert (Turning)
RNGN	○○○○○○T○○○○○	**B82**	Insert (Turning)
RNMG	○○○○○○	**B27**	Insert (Turning)
RNMN	○○○○○○	**C13**	Insert (Turning)
RNMN	○○○○○○S○○○○○	**C13**	Insert (Turning)
ROMU	○○○○M0ER-GH	**M21**	Insert (Milling)
ROMU	○○○○M0ER-GM	**M21**	Insert (Milling)
ROMU	○○○○M0ER-SM	**M21**	Insert (Milling)
RPGN	○○○○○○E○○○	**B87**	Insert (Turning)
RPGN	○○○○○○T○○○○○	**B87**	Insert (Turning)
RPGX	○○○○○○E○○○	**B88**	Insert (Turning)
RPGX	○○○○○○T○○○○○	**B88**	Insert (Turning)
RPMT	○○○○M0	**M20**	Insert (Milling)
RPMT	○○○○M0-BB	**B75, F58**	Insert (Turning)
RPMT	○○○○M0-H	**M20**	Insert (Milling)
S			
S○○-	CH○○	**K7, K8, K9, K10**	Toolholder ("MagicDrill" / Chamfering Attachment)
S○○-	DRS○○○○○	**K40**	Toolholder ("MagicDrill")
S○○-	DRW○○○○○M-○-06	**K54, K55**	Toolholder ("MagicDrill")
S○○-	DRX○○○M-○-○○	**K26, K27, K28, K29, K30, K31, K32**	Toolholder ("MagicDrill")
S○○-	DRZ○○○○○-○○CR	**K49**	Toolholder ("MagicDrill")
S○○-	DRZ○○○○(○○)-○○	**K42, K43, K44, K45, K46, K47, K48**	Toolholder ("MagicDrill")
S○○□-	CCLN^{R}/$_{L}$○○-○○A	**F73**	Boring Bars
S○○□-	CCLN^{R}/$_{L}$○○-○○GX	**F72**	Boring Bars
S○○□-	CDUN^{R}/$_{L}$○○-○○GX	**F72**	Boring Bars
S○○□-	CELN^{R}/$_{L}$○○-○○	**F71**	Boring Bars
S○○□-	CSKN^{R}/$_{L}$○○-○○	**F71**	Boring Bars
S○○□-	CSKN^{R}/$_{L}$○○-○○GX	**F72**	Boring Bars
S○○□-	CSKP^{R}/$_{L}$○○-○○	**F56**	Boring Bars
S○○□-	CTUN^{R}/$_{L}$○○-○○A	**F73**	Boring Bars
S○○□-	CTUP^{R}/$_{L}$○○-○○	**F57**	Boring Bars
S○○(.○)□-	KTGFL16	**G17**	Sleeve Holder (Grooving)
S○○(.○)□-	KTTXL16	**J20**	Sleeve Holder (Threading)
S○○□-	PCLN^{R}/$_{L}$○○-○○	**F64**	Boring Bars
S○○□-	PDQN^{R}/$_{L}$○○-○○	**F66**	Boring Bars
S○○□-	PDUN^{R}/$_{L}$○○-○○	**F65, F66**	Boring Bars
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S○○□-	PTUN^{R}/$_{L}$○○-○○	**F68**	Boring Bars
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S○○(.○)□-	SCLCL○○	**E34**	Sleeve Holder (Turning)
S○○□-	SCLC^{R}/$_{L}$○○-○○	**F85**	Boring Bar (Discontinued Description)
S○○□-	SCLC^{R}/$_{L}$○○-○○A	**F37**	Boring Bars (Dynamic Bar)
S○○□-	SCLC^{R}/$_{L}$○○-○○E	**F84**	Boring Bar (Discontinued Description)
S○○□-	SCLC^{R}/$_{L}$○○-○○AE	**F37**	Boring Bars (Dynamic Bar)
S○○□-	SCLP^{R}/$_{L}$○○-○○	**F85**	Boring Bar (Discontinued Description)
S○○□-	SCLP^{R}/$_{L}$○○-○○A	**F39**	Boring Bars (Dynamic Bar)
S○○□-	SCLP^{R}/$_{L}$○○-○○E	**F84**	Boring Bar (Discontinued Description)
S○○□-	SDLCL○○	**E35**	Sleeve Holder (Turning)
S○○□-	SDQC^{R}/$_{L}$○○-○○A	**F42**	Boring Bars (Dynamic Bar)
S○○□-	SDUCL○○	**E35**	Sleeve Holder (Turning)
S○○□-	SDUC^{R}/$_{L}$○○-○○	**F85**	Boring Bar (Discontinued Description)
S○○□-	SDUC^{R}/$_{L}$○○-○○A	**F41**	Boring Bars (Dynamic Bar)
S○○□-	SDUC^{R}/$_{L}$○○-○○E	**F84**	Boring Bar (Discontinued Description)
S○○□-	SDZC^{R}/$_{L}$○○-○○	**F85**	Boring Bar (Discontinued Description)
S○○□-	SDZC^{R}/$_{L}$○○-○○A	**F43**	Boring Bars (Dynamic Bar)
S○○□-	SDZC^{R}/$_{L}$○○-○○E	**F84**	Boring Bar (Discontinued Description)
S○○□-	SSKP^{R}/$_{L}$○○-○○	**F56**	Boring Bars
S○○□-	STLB^{R}/$_{L}$○○-○○A	**F47**	Boring Bars (Dynamic Bar)
S○○□-	STLB^{R}/$_{L}$○○-○○AE	**F47**	Boring Bars (Dynamic Bar)
S○○□-	STLC^{R}/$_{L}$○○-○○A	**F45**	Boring Bars (Dynamic Bar)
S○○□-	STLP^{R}/$_{L}$○○-○○A	**F47**	Boring Bars (Dynamic Bar)
S○○□-	STUB^{R}/$_{L}$○○-○○	**F86**	Boring Bar (Discontinued Description)
S○○□-	STUB^{R}/$_{L}$○○-○○E	**F84**	Boring Bar (Discontinued Description)
S○○□-	STUP^{R}/$_{L}$○○-○○	**F86**	Boring Bar (Discontinued Description)
S○○□-	STUP^{R}/$_{L}$○○-○○E	**F84**	Boring Bar (Discontinued Description)
S○○□-	STWP^{R}/$_{L}$○○-○○	**F48, J32**	Toolholder (Boring / Threading)
S○○□-	STWP^{R}/$_{L}$○○-○○E	**F48, J32**	Toolholder (Boring / Threading)
S○○(.○)□-	STW^{R}/$_{L}$15	**F30, G72**	Toolholder (for Twin Bars)
S○○□-	SVJB^{R}/$_{L}$○○-○○A	**F51**	Boring Bars (Dynamic Bar)
S○○□-	SVJB^{R}/$_{L}$○○-○○E	**F81, F84**	Boring Bars
S○○□-	SVJB^{R}/$_{L}$○○-○○EN	**F84**	Boring Bar (Discontinued Description)
S○○□-	SVJC^{R}/$_{L}$○○-○○A	**F51**	Boring Bars (Dynamic Bar)
S○○□-	SVJC^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVJP^{R}/$_{L}$○○-○○A	**F51**	Boring Bars (Dynamic Bar)
S○○□-	SVJP^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVNR12N	**F27**	Toolholder (for System Tip-Bars)
S○○(.○)□-	SVNR12SN	**F27**	Toolholder (for System Tip-Bars)
S○○(.○)□-	SVNR12SXN	**F29**	Toolholder (for System Tip-Bars)
S○○□-	SVNR12XN	**F29**	Toolholder (for System Tip-Bars)
S○○□-	SVPB^{R}/$_{L}$○○-○○A	**F51**	Boring Bars (Dynamic Bar)
S○○□-	SVPB^{R}/$_{L}$○○-○○E	**F81, F85**	Boring Bars
S○○□-	SVPB^{R}/$_{L}$○○-○○EN	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVPC^{R}/$_{L}$○○-○○A	**F51**	Boring Bars (Dynamic Bar)
S○○□-	SVPC^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVUBL○○	**E36**	Sleeve Holder (Turning)
S○○□-	SVUCL○○	**E36**	Sleeve Holder (Turning)
S○○□-	SVUB^{R}/$_{L}$○○-○○A	**F53**	Boring Bars (Dynamic Bar)
S○○□-	SVUB^{R}/$_{L}$○○-○○E	**F81, F85**	Boring Bars
S○○□-	SVUB^{R}/$_{L}$○○-○○EN	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVUC^{R}/$_{L}$○○-○○A	**F53**	Boring Bars (Dynamic Bar)
S○○□-	SVUC^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVZB^{R}/$_{L}$○○-○○A	**F53**	Boring Bars (Dynamic Bar)
S○○□-	SVZB^{R}/$_{L}$○○-○○E	**F81, F85**	Boring Bars
S○○□-	SVZB^{R}/$_{L}$○○-○○EN	**F85**	Boring Bar (Discontinued Description)
S○○□-	SVZC^{R}/$_{L}$○○-○○A	**F53**	Boring Bars (Dynamic Bar)
S○○□-	SVZC^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	SWUB^{R}/$_{L}$○○-○○	**F86**	Boring Bar (Discontinued Description)
S○○□-	SWUB^{R}/$_{L}$○○-○○A	**F55**	Boring Bars (Dynamic Bar)
S○○□-	SWUB^{R}/$_{L}$○○-○○AE	**F55**	Boring Bars (Dynamic Bar)
S○○□-	SWUB^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	SWUB^{R}/$_{L}$○○-○○-○○	**F86**	Boring Bar (Discontinued Description)
S○○□-	SWUP^{R}/$_{L}$○○-○○A	**F55**	Boring Bars (Dynamic Bar)
S○○□-	SWUP^{R}/$_{L}$○○-○○E	**F85**	Boring Bar (Discontinued Description)
S○○□-	WWLN^{R}/$_{L}$○○-○○E	**F70**	Boring Bars
SF○○-	DRC○○○M-○	**K12, K13, K14**	Toolholder ("MagicDrill")
SS○○-	DRC○○○M-○	**K7, K8, K9**	Toolholder ("MagicDrill")
SABSR	○○○○□(□)-○○F	**E17, E47**	Toolholder (Turning)
SABWR	○○○○□(□)-○○F	**E18, E19, E47**	Toolholder (Turning)
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SB-1TR		**F49, P5**	Spare Parts (Screw)
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SB-4085TR	D8, D10, D12, D16, D20, E20, E23, E25, E26, E27, E28, E35, G52, J17, K27, K28, K30, K32, K42, K44, K46, K48, M150, M151, M160, M162, P5	Spare Parts (Screw)
SB-4085TRP	M146, M147, P5	Spare Parts (Screw)
SB-4090TRP	M49, M50, M81, P5	Spare Parts (Screw)
SB-4590TRWN	E12, H8, J18, P6	Spare Parts (Screw)
SB-5070TR	M156, P5	Spare Parts (Screw)
SB-5085TR	K43, K44, K45, K46, K47, K48, K49, M65, M108, P5	Spare Parts (Screw)

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SB-25100TR	K40, P5	Spare Parts (Screw)
SB-40115TR	F81, M150, M151, P5	Spare Parts (Screw)
SB-40120TR	G23, H15, P5	Spare Parts (Screw)
SB-40125TRN	E30, E31, F51, F53, N8, P5	Spare Parts (Screw)
SB-40140TR	G64, M43, M97, M100, M101, P5	Spare Parts (Screw)
SB-40140TRN	M25, M59, P5	Spare Parts (Screw)
SB-45130TR	M64, P5	Spare Parts (Screw)
SB-50120TR	M150, M151, P5	Spare Parts (Screw)
SB-50120TRS	M28, P5	Spare Parts (Screw)
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SB-50140TRP	M146, M147, P5	Spare Parts (Screw)
SB-60120TR	G25, G26, G27, G76, G79, H17, K27, K29, K31, K32, K43, K45, K49, M43, M97, M100, M101, M151, P5	Spare Parts (Screw)
SC-30067	M142, P6	Spare Parts (Screw)
SC-35085	M142, P6	Spare Parts (Screw)
SC-40100	M142, P6	Spare Parts (Screw)
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SCACR ○○○○□-○○FF	E47	Toolholder (Turning)
SCLC R/L ○○○○□-○○	E23, E47	Toolholder (Turning)
SCLC R/L ○○○○□(□)-○○FF	E23	Toolholder (Turning)
SCLNR ○○○○□-○○FF	E38	Toolholder (for Small Double-Sided Tools)
SCMT ○○○○○○HQ	B60	Insert (Turning)
SDCN ○○○○AUTN	M11	Insert (Milling)
SDCT ○○○○○○□□-□□	M137	Insert (Milling)
SDCT ○○○○○○□R/L-□□	M137	Insert (Milling)
SDET ○○○○○○□□-□□	M137	Insert (Milling)
SDET ○○○○○○□R/L-□□	M137	Insert (Milling)
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SDJC R/L ○○○○□-○○F	E47	Toolholder (Turning)
SDJCR ○○○○□□-○○-F○○	E20	Toolholder (Goose-neck holder)
SDJC R/L ○○○○□(□)-○○FF	E25	Toolholder (Turning)
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SDKN ○○○○AUFN-NE	C34, M22	Insert (Milling)
SDKN ○○○○AUTN	M11	Insert (Milling)
SDKR ○○○○AUEN-S	M11	Insert (Milling)
SDKW ○○○○AESN	M15	Insert (Milling)
SDKW ○○○○AETN	M15	Insert (Milling)
SDKW ○○○○○○FN	M15	Insert (Milling)
SDKW ○○○○○○TN	M15	Insert (Milling)
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SDLP R/L ○○○○□-○○F	E47	Toolholder (Turning)
SDLP R/L ○○○○□(□)-○○FF	E28	Toolholder (Turning)
SDMR ○○○○AUER-H	M11	Insert (Milling)
SDMT ○○T○○○C	M15	Insert (Milling)
SDMT ○○○○AESR-H	M15	Insert (Milling)
SDMT ○○○○○○E-K	M15	Insert (Milling)
SDNCN ○○○○□(□)-○○	E27, E47	Toolholder (Turning)
SDNC R/L ○○○○□□-○○F	E27, E47	Toolholder (Turning)
SDXC R/L ○○○○□(□)-○○	E26, E47	Toolholder (Turning)
SE-3070TRP	M134, M135, P6	Spare Parts (Screw)
SE-40050TRN	M123, M124, M125, P6	Spare Parts (Screw)
SE-40055TR	M123, M124, M125, P6	Spare Parts (Screw)
SE-40068TR	M123, M124, M125, P6	Spare Parts (Screw)
SE-40080TR	M124, M125, P6	Spare Parts (Screw)
SE-40090TR	M123, M124, M125, P6	Spare Parts (Screw)
SE-40100TR	M124, M125, P6	Spare Parts (Screw)
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SEEN ○○○○AFTR-W	M11	Insert (Milling)
SEGN ○○○○○○NE	C28	Insert (Milling)
SEKN ○○○○AFFN	M11	Insert (Milling)
SEKN ○○○○AFTN	M11	Insert (Milling)
SEKN ○○○○EFTR	M11	Insert (Milling)
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SEKW ○○○○AFTN	M15	Insert (Milling)
SEKW ○○○○○○FN	M15	Insert (Milling)
SEKW ○○○○○○TN	M15	Insert (Milling)
SEMM ○○○○○○PESR	M15	Insert (Milling)
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SH ○○○○-○○○	F78	Sleeve (for Boring Bar)
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SIGER ○○○○□-WH-90	G54	Toolholder (Grooving / for Automatic Lathe)
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SNCN ○○○○XNTN	M12	Insert (Milling)
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SNGA ○○○○○○ME	C10	Insert (Turning) / Previous Description
SNGA ○○○○○○ME-T	C10	Insert (Turning) / Previous Description
SNGA ○○○○○○S○○○○○	B83	Insert (Turning)
SNGA ○○○○○○S○○○○○ME	C10	Insert (Turning)
SNGA ○○○○○○S○○○○○MEH	C10	Insert (Turning)
SNGA ○○○○○○S○○○○○MEP	C10	Insert (Turning)
SNGA ○○○○○○S○○○○○MET	C10	Insert (Turning)
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SNGN ○○○○○○S○○○○○	B83	Insert (Turning)
SNGN ○○○○○○T○○○○○	B83, B84	Insert (Turning / Milling)
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SNMA ○○○○○○S○○○○○	B83	Insert (Turning)
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SNMF ○○○○○○-21	B75, D38, F58	Insert (Turning)
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SNMG ○○○○○○MU	B29	Insert (Turning)
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SNMG ○○○○○○PQ	B28	Insert (Turning)

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SNMG ○○○○○○PT	B28	Insert (Turning)
SNMG ○○○○○○$^{R}/_{L}$-C	B30	Insert (Turning)
SNMG ○○○○○○XP	B29	Insert (Turning)
SNMG ○○○○○○XQ	B29	Insert (Turning)
SNMG ○○○○○○XS	B29	Insert (Turning)
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SPCN ○○○○EETR1	M12	Insert (Milling)
SPCN ○○○○XPTR	M12	Insert (Milling)
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SPGN	○○○○○○	**B60, B87, C28, M12**	Insert (Turning / Milling)
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SPGN	○○○○○○S○○○○○	**B87**	Insert (Turning)
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SPKN	○○○○EDTR/L	**M12**	Insert (Milling)
SPKN	○○○○XETR	**M12**	Insert (Milling)
SPKN	○○○○XPFR	**M12**	Insert (Milling)
SPKN	○○○○XPTR/L	**M12**	Insert (Milling)
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SPMN	○○○○○○	**B60, M12**	Insert (Turning / Milling)
SPMR	○○○○EDER-H	**M12**	Insert (Milling)
SPMR	○○○○○○	**B60**	Insert (Turning)
SPMR	○○○○○○G	**B60**	Insert (Turning)
SPMT	○○○○EDER-NB○	**M16**	Insert (Milling)
SPMT	○○○○EDER-NB○P	**M16**	Insert (Milling)
SPMT	○○○○□□□□-NB○□	**M16**	Insert (Milling)
SPMT	○○○○□□□□-V	**M16**	Insert (Milling)
SPMT	○○○○○○EN-NB○	**M17**	Insert (Milling)
SPMT	○○○○○○EN-NB○P	**M17**	Insert (Milling)
SPMT	○○○○○○EN-V	**M17**	Insert (Milling)
SPMT	○○○○○○E-Z	**M17**	Insert (Milling)
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SPW-6045		**M64, P6**	Spare Parts (Screw)
SPW-7050		**M25, M59, P6**	Spare Parts (Screw)
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STGPR/L	○○○○□-○○	**E29**	Toolholder (Turning)
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STXPR/L	○○○○○B-○○W	**F49**	Boring Bar / Previous Description
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SVJBR/L	○○○○□-○○F	**E48**	Toolholder (Turning)
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SVJBR/L	○○○○□□-○○FF	**E30**	Toolholder (Turning)
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SVLPR/L	○○○○□-○○F	**E48**	Toolholder (Turning)
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SVLPR/L	○○○○□(□)-○○FF	**E32, E48**	Toolholder (Turning)
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SVNSR	○○○○□-12-○○XN	**F29**	Toolholder (for System Tip-Bars)
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SVPPR	○○○○□(□)-○○FF	**E33**	Toolholder (Turning)
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T63H-	KGBAR/L-16	**N9**	Grooving (HSK Tooling)
T63H-	KGBAR/L-22-○○	**N9**	Grooving (HSK Tooling)
T63H-	KTNR-○○	**N9**	Threading (HSK Tooling)
T63H-	N○○-○○(○)	**N10**	Toolholder (HSK Tooling)
T63H-	PCLNR/L-DX12	**N5**	Toolholder (HSK Tooling)
T63H-	PCMNN-□12	**N5**	Toolholder (HSK Tooling)
T63H-	PDJNR/L-DX15	**N5**	Toolholder (HSK Tooling)
T63H-	PDNNN-□15	**N6**	Toolholder (HSK Tooling)

Description		Page	Category
T63H-	PTGNR/L-DX16	**N6**	Toolholder (HSK Tooling)
T63H-	PWLNR/L-DX08	**N7**	Toolholder (HSK Tooling)
T63H-	S2020R-105T	**N4**	Toolholder (HSK Tooling)
T63H-	S2525-○○(○)F	**N4**	Toolholder (HSK Tooling)
T63H-	S2525R/L-○○○	**N3**	Toolholder (HSK Tooling)
T63H-	SVLBR/L-DX16N	**N8**	Toolholder (HSK Tooling)
T63H-	SVVBN-□16N	**N8**	Toolholder (HSK Tooling)
T63H-	WTENN-□16	**N6**	Toolholder (HSK Tooling)
T63H-	WWMNN-□08	**N7**	Toolholder (HSK Tooling)
T100H-	C○○-○○(○)	**N10**	Toolholder (HSK Tooling)
T100H-	N○○-○○(○)	**N10**	Toolholder (HSK Tooling)
T100H-	S2525-○○○F	**N4**	Toolholder (HSK Tooling)
T100H-	S2525R-○○○T	**N4**	Toolholder (HSK Tooling)
T100H-	S2525R/L-○○○	**N3**	Toolholder (HSK Tooling)
TBET	○○○○○○(○)MR/L	**B61**	Insert (Turning)
TBGN	○○○○○○	**B87, C18**	Insert (Turning)
TBGN	○○○○○○S○○○○○	**B87**	Insert (Turning)
TBGN	○○○○○○T○○○○○	**C18**	Insert (Turning)
TBGT	○○○○○○CF	**B61**	Insert (Turning)
TBGT	○○○○○○(○)MR/L	**B61**	Insert (Turning)
TBGT	○○○○○○M-CF	**B61**	Insert (Turning)
TBGT	○○○○○○MP-CF	**B61**	Insert (Turning)
TBGT	○○○○○○(○)R/L	**B61**	Insert (Turning)
TBGW	○○○○○○	**B61, C25**	Insert (Turning)
TBGW	○○○○○○NE	**C25**	Insert (Turning)
TBMT	○○○○○○	**C25**	Insert (Turning)
TBMT	○○○○○○DP	**B61**	Insert (Turning)
TBMT	○○○○○○NE	**C25**	Insert (Turning)
TCET	○○○○○○(○)FR/L-USF	**B62**	Insert (Turning)
TCET	○○○○○○(○)MFR/L-USF	**B62**	Insert (Turning)
TCGN	○○○○○○	**B63, B87**	Insert (Turning)
TCGN	○○○○○○T○○○○○	**B87**	Insert (Turning)
TCGR	○○○○○○R/L-F	**B63**	Insert (Turning)
TCGT	○○○○○○ER/L-U	**B62**	Insert (Turning)
TCGT	○○○○○○(○)FR/L-U	**B62**	Insert (Turning)
TCGT	○○○○○○MER/L-U	**B62**	Insert (Turning)
TCGT	○○○○○○(○)MFR/L-U	**B62**	Insert (Turning)
TCGT	○○○○○○R/L-A3	**B62**	Insert (Turning)
TCGW	○○○○○○	**B63, C25**	Insert (Turning)
TCGW	○○○○○○NE	**C25**	Insert (Turning)
TCGW	○○○○○○SE	**C25**	Insert (Turning)
TCMT	○○○○○○	**C25**	Insert (Turning)
TCMT	○○○○○○HQ	**B61**	Insert (Turning)
TCMT	○○○○○○NE	**C25**	Insert (Turning)
TCMT	○○○○○○SE	**C25**	Insert (Turning)
TEEN	○○○○PTFR	**C34, M22**	Insert (Milling)
TEEN	○○○○PTFR-NE	**C34, M22**	Insert (Milling)
TEEN	○○○○PTTR	**M13**	Insert (Milling)
TEKN	○○○○PTFR	**C34, M13, M22**	Insert (Milling)
TEKN	○○○○PTFR-NE	**C34, M22**	Insert (Milling)
TEKN	○○○○PTTR	**M13**	Insert (Milling)
TEKR	○○○○PTER-S	**M13**	Insert (Milling)
TEMR	○○○○PTER-H	**M13**	Insert (Milling)
TEMT	○○○○○○-AQ	**M17**	Insert (Milling)
TG	○○R/L○○○	**G18, G60**	Insert (Grooving)
TGF	○○R/L○○○-○○○	**C29, G17**	Insert (Grooving)
TH-3L		**M134, M135**	Spare Parts (Wrench)
TH-4		**M30, M37, M38, M45, M63, P18**	Spare Parts (Hexagon Wrench / T-shaped type)
TH8X15		**M37, M38, M45, P6**	Spare Parts (Screw)
TKN	○(.○)	**H23**	Insert (Cut-Off)
TKN	○(.○)-P	**H23**	Insert (Cut-Off)
TKR/L	○(.○)	**H23**	Insert (Cut-Off)
TKR/L	○(.○)-P	**H23**	Insert (Cut-Off)
TKF	○○L○○○-ASR	**C31, E16**	Insert (Grooving / Turning)
TKF	○○R/L○○○-AS	**C31, E16**	Insert (Grooving / Turning)
TKF	○○R/L○○○-NB(○.○)	**C31, E16, H6, H7**	Insert (Grooving / Turning)
TKF	○○R/L○○○-NB-○○DR	**H6, H7**	Insert (Cut-Off)
TKF	○○R/L○○○-S	**H6, H7**	Insert (Cut-Off)
TKF	○○R/L○○○-S-○○DR	**H6, H7**	Insert (Cut-Off)
TKF	○○R/L○○○-T	**H6, H7**	Insert (Cut-Off)
TKF	○○R/L○○○-T-○○DR	**H6, H7**	Insert (Cut-Off)
TKFB	○○L○○○○○MR	**B76**	Insert (Back turning)
TKFB	○○R○○○○○M	**B76**	Insert (Back turning)

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TKFS ○○R/L○○○-S	H11	Insert (Cut-Off)
TKFT 12R/L□○○○○(○)	J18	Insert (Threading)
TN-32	J16, J17, N9, P12	Spare Parts (Shim)
TN-43	J16, J17, N9, P12	Spare Parts (Shim)
TNEG ○○○○○○R/L-SSF	B36	Insert (Turning)
TNGA ○○○○○○	B35, B85	Insert (Turning)
TNGA ○○○○○○ME	C10	Insert (Turning) / Previous Description
TNGA ○○○○○○ME-T	C10	Insert (Turning) / Previous Description
TNGA ○○○○○○SE	C10	Insert (Turning) / Previous Description
TNGA ○○○○○○SE-T	C11	Insert (Turning) / Previous Description
TNGA ○○○○○○S○○○○○	B85	Insert (Turning)
TNGA ○○○○○○S○○○○○ME	C10	Insert (Turning)
TNGA ○○○○○○S○○○○○MEH	C10	Insert (Turning)
TNGA ○○○○○○S○○○○○MEP	C10	Insert (Turning)
TNGA ○○○○○○S○○○○○MET	C10	Insert (Turning)
TNGA ○○○○○○S○○○○○SE	C10	Insert (Turning)
TNGA ○○○○○○S○○○○○SET	C11	Insert (Turning)
TNGA ○○○○○○-T○○	B85	Insert (Turning) / Previous Description
TNGA ○○○○○○T○○○○○	B85	Insert (Turning)
TNGA ○○○○○○T○○○○○ME	C10	Insert (Turning)
TNGA ○○○○○○T○○○○○SE	C10	Insert (Turning)
TNGG ○○○○○○AH	B35	Insert (Turning)
TNGG ○○○○○○DP	B31	Insert (Turning)
TNGG ○○○○○○FP-TK	B34	Insert (Turning)
TNGG ○○○○○○MFP-SK	B33	Insert (Turning)
TNGG ○○○○○○TK	B34	Insert (Turning)
TNGG ○○○○○○R/L	B36	Insert (Turning)
TNGG ○○○○○○R/L-25R	B36	Insert (Turning)
TNGG ○○○○○○R/L-A3	B35	Insert (Turning)
TNGG ○○○○○○R/L-B/C	B36	Insert (Turning)
TNGG ○○○○○○R/L-S	B36	Insert (Turning)
TNGM ○○○○○○BB○	C11	Insert (Turning) / Previous Description
TNGM ○○○○○○S○○○○○BB○	C11	Insert (Turning)
TNGN ○○○○○○	B85	Insert (Turning) / Previous Description
TNGN ○○○○○○S○○○○○	B85	Insert (Turning)
TNGN ○○○○○○-T○○	B85	Insert (Turning) / Previous Description
TNGN ○○○○○○T○○○○○	B85	Insert (Turning)
TNGU ○○○○○○MER/L-U	B45	Insert (Turning)
TNGU ○○○○○○(○)MFR/L-F	B45	Insert (Turning)
TNGU ○○○○○○(○)MFR/L-U	B45	Insert (Turning)
TNMA ○○○○○○	B35	Insert (Turning)
TNMG ○○○○○○	B32	Insert (Turning)
TNMG ○○○○○○AH	B35	Insert (Turning)
TNMG ○○○○○○C	B35	Insert (Turning)
TNMG ○○○○○○CQ	B31	Insert (Turning)
TNMG ○○○○○○DP	B31	Insert (Turning)
TNMG ○○○○○○GC	B35	Insert (Turning)
TNMG ○○○○○○GP	B31	Insert (Turning)
TNMG ○○○○○○GS	B32	Insert (Turning)
TNMG ○○○○○○GT	B32	Insert (Turning)
TNMG ○○○○○○GU	B34	Insert (Turning)
TNMG ○○○○○○HK	B31	Insert (Turning)
TNMG ○○○○○○HQ	B31	Insert (Turning)
TNMG ○○○○○○HS	B32	Insert (Turning)
TNMG ○○○○○○HU	B34	Insert (Turning)
TNMG ○○○○○○MQ	B34	Insert (Turning)
TNMG ○○○○○○MS	B34	Insert (Turning)
TNMG ○○○○○○MU	B34	Insert (Turning)
TNMG ○○○○○○PH	B33	Insert (Turning)
TNMG ○○○○○○PP	B31	Insert (Turning)
TNMG ○○○○○○PQ	B31	Insert (Turning)
TNMG ○○○○○○PS	B32	Insert (Turning)
TNMG ○○○○○○PT	B32	Insert (Turning)
TNMG ○○○○○○R/L-C	B36	Insert (Turning)
TNMG ○○○○○○R/L-ST	B34	Insert (Turning)
TNMG ○○○○○○TK	B34	Insert (Turning)
TNMG ○○○○○○XF	B33	Insert (Turning)
TNMG ○○○○○○XP	B33	Insert (Turning)
TNMG ○○○○○○XP-T	B33	Insert (Turning)
TNMG ○○○○○○XQ	B33	Insert (Turning)
TNMG ○○○○○○XS	B33	Insert (Turning)
TNMG ○○○○○○ZS	B35	Insert (Turning)
TNMM ○○○○○○M	C22	Insert (Turning)
TNMM ○○○○○○M-NE	C22	Insert (Turning)
TNMM ○○○○○○M-SE	C22	Insert (Turning)
TNMM ○○○○○○PX	B33	Insert (Turning)
TNMN ○○○○○○	C13	Insert (Turning)
TNMN ○○○○○○S○○○○○	C13	Insert (Turning)
TNN ○○ER/L○○(.○)NPT	J10	Insert (Threading / Previous description)
TNN ○○ER/L○○PT	J10	Insert (Threading / Previous description)
TNN ○○ER/L○○UN	J8	Insert (Threading / Previous description)
TNN ○○ER/L○○W	J8	Insert (Threading / Previous description)
TNN ○○ER/L○○○M	J6	Insert (Threading / Previous description)
TNN ○○ER/L○○○TR	J14	Insert (Threading / Previous description)
TNN ○○ER/L○○○○	J12, J14	Insert (Threading / Previous description)
TNN ○○IR/L○○(.○)NPT	J11	Insert (Threading / Previous description)
TNN ○○IR/L○○PT	J11	Insert (Threading / Previous description)
TNN ○○IR/L○○UN	J9	Insert (Threading / Previous description)
TNN ○○IR/L○○W	J9	Insert (Threading / Previous description)
TNN ○○IR/L○○○M	J7	Insert (Threading / Previous description)
TNN ○○IR/L○○○TR	J15	Insert (Threading / Previous description)
TNN ○○IR/L○○○○(○)	J13, J15	Insert (Threading / Previous description)
TNW-32	P12	Spare Parts (Shim)
TPET ○○○○○○(○)FR/L-USF	B66	Insert (Turning)
TPET ○○○○○○(○)MFR/L-USF	B66	Insert (Turning)
TPET ○○○○○○(○)MR/L-FSF	B66	Insert (Turning)
TPET ○○○○○○(○)R/L-FSF	B66	Insert (Turning)
TPGB ○○○○○○(○)	B66, C26, J32	Insert (Turning / Threading)
TPGB ○○○○○○ME	C16	Insert (Turning) / Previous Description
TPGB ○○○○○○ME-T	C16	Insert (Turning) / Previous Description
TPGB ○○○○○○NE	C26	Insert (Turning)
TPGB ○○○○○○SE	C16, C25	Insert (Turning)
TPGB ○○○○○○SE-T	C16	Insert (Turning) / Previous Description
TPGB ○○○○○○S○○○○○MES	C16	Insert (Turning)
TPGB ○○○○○○S○○○○○MET	C16	Insert (Turning)
TPGB ○○○○○○S○○○○○SET	C16	Insert (Turning)
TPGB ○○○○○○T○○○○○ME	C16	Insert (Turning)
TPGB ○○○○○○T○○○○○SE	C16	Insert (Turning)
TPGH ○○○○○○MR/L	B65	Insert (Turning)
TPGH ○○○○○○MR/L-H	B65	Insert (Turning)
TPGH ○○○○○○R/L	B65	Insert (Turning)
TPGH ○○○○○○R/L-H	B65	Insert (Turning)
TPGN ○○○○○○	B68, B87, C28, M13, M22	Insert (Turning / Milling)
TPGN ○○○○○○ME	C18	Insert (Turning) / Previous Description
TPGN ○○○○○○NE	C28	Insert (Turning / Milling)
TPGN ○○○○○○SE	C18, C28	Insert (Turning)
TPGN ○○○○○○SE-T	C18	Insert (Turning) / Previous Description
TPGN ○○○○○○S○○○○○	B87	Insert (Turning)
TPGN ○○○○○○S○○○○○SET	C18	Insert (Turning)
TPGN ○○○○○○T○○○○○	B87	Insert (Turning / Milling)
TPGN ○○○○○○T○○○○○ME	C18	Insert (Turning)
TPGN ○○○○○○T○○○○○SE	C18	Insert (Turning)
TPGR ○○○○○○R/L-A/B/C	B68	Insert (Turning)
TPGR ○○○○○○R/L-F	B67	Insert (Turning)
TPGT ○○○○○○CF	B64	Insert (Turning)
TPGT ○○○○○○M-CF	B64	Insert (Turning)
TPGT ○○○○○○MP-CF	B64	Insert (Turning)
TPGW ○○○○○○ME	C16	Insert (Turning) / Previous Description
TPGW ○○○○○○ME-T	C16	Insert (Turning) / Previous Description
TPGW ○○○○○○SE	C16	Insert (Turning) / Previous Description
TPGW ○○○○○○SE-T	C16	Insert (Turning) / Previous Description
TPGW ○○○○○○S○○○○○MET	C16	Insert (Turning)
TPGW ○○○○○○S○○○○○SET	C16	Insert (Turning)
TPGW ○○○○○○T○○○○○ME	C16	Insert (Turning)
TPGW ○○○○○○T○○○○○SE	C16	Insert (Turning)
TPKN ○○○○PDFR	M13	Insert (Milling)
TPKN ○○○○PDTR	M13	Insert (Milling)
TPKR ○○○○PDER-S	M13	Insert (Milling)
TPMH ○○○○○○	C26	Insert (Turning)
TPMH ○○○○○○NE	C26	Insert (Turning)
TPMH ○○○○○○R/L-NE	C27	Insert (Turning)
TPMH ○○○○○○SE	C26	Insert (Turning)
TPMN ○○○○○○	B68, M13	Insert (Turning / Milling)
TPMR ○○○○PDER-H	M13	Insert (Milling)
TPMR ○○○○○○	B67	Insert (Turning)
TPMR ○○○○○○DP	B67	Insert (Turning)
TPMR ○○○○○○G	B67	Insert (Turning)

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TPMR	○○○○○○GP	**B67**	Insert (Turning)
TPMR	○○○○○○HQ	**B67**	Insert (Turning)
TPMT	○○○○○○GP	**B64**	Insert (Turning)
TPMT	○○○○○○HQ	**B64**	Insert (Turning)
TPMT	○○○○○○XP	**B64**	Insert (Turning)
TPMT	○○○○○○XQ	**B64**	Insert (Turning)
TS-3S		**D17, P7**	Spare Parts (Lock Pin)
TT	43E R/L○○○M	**J22**	Insert (Threading)
TT	○○R/L○○○○	**J22, J23**	Insert (Threading)
TT-15		**M25, M59, P18**	Spare Parts (Torx Wrench / T-shaped type)
TT-15L		**M123, M125**	Spare Parts (Torx Wrench / T-shaped type)
TT-25		**M142, P18**	Spare Parts (Torx Wrench / T-shaped type)
TT-25L		**M43, M97, M100, M101, P18**	Spare Parts (Torx Wrench / T-shaped type)
TT-30		**M142, P18**	Spare Parts (Torx Wrench / T-shaped type)
TTC-20		**M30, M34, P18**	Spare Parts (Torx Wrench / T-shaped type)
TTC-25		**M32, M62, P18**	Spare Parts (Torx Wrench / T-shaped type)
TTP-20		**M146, M147, P18**	Spare Parts (Torx Plus Wrench / T-shaped type)
TTX	32R○○○○(○)	**J21**	Insert (Threading)
TTX	32R○○○○(○)S	**J21**	Insert (Threading)
TWBR	○○○○○-○○○	**F30**	Twin Bars (Turning)
TWBTR	○○○○○-○○○	**F31**	Twin Bars (Turning)
TWFGL	○○○	**G72**	Twin Bars (Grooving)
TWFGTR	○○○	**G73**	Twin Bars (Grooving)
V			
VBET	○○○○○○(○)M R/L-F	**B69**	Insert (Turning)
VBET	○○○○○○(○)M R/L-FSF	**B69**	Insert (Turning)
VBET	○○○○○○(○)R/L-FSF	**B69**	Insert (Turning)
VBET	○○○○○○(○)M R/L-Y	**B70**	Insert (Turning)
VBGT	○○○○○○(○)M R/L-F	**B69**	Insert (Turning)
VBGT	○○○○○○(○)M R/L-Y	**B70**	Insert (Turning)
VBGT	○○○○○○(○)R/L-F	**B69**	Insert (Turning)
VBGT	○○○○○○(○)R/L-Y	**B70**	Insert (Turning)
VBGW	○○○○○○ME	**C17**	Insert (Turning) / Previous Description
VBGW	○○○○○○ME-T	**C17**	Insert (Turning) / Previous Description
VBGW	○○○○○○SE	**C17**	Insert (Turning) / Previous Description
VBGW	○○○○○○SE-T	**C17**	Insert (Turning) / Previous Description
VBGW	○○○○○○S○○○○○MES	**C17**	Insert (Turning)
VBGW	○○○○○○S○○○○○MET	**C17**	Insert (Turning)
VBGW	○○○○○○S○○○○○SET	**C17**	Insert (Turning)
VBGW	○○○○○○T○○○○○ME	**C17**	Insert (Turning)
VBGW	○○○○○○T○○○○○SE	**C17**	Insert (Turning)
VBMT	○○○○○○	**C27**	Insert (Turning)
VBMT	○○○○○○GP	**B69**	Insert (Turning)
VBMT	○○○○○○HQ	**B69**	Insert (Turning)
VBMT	○○○○○○NE	**C27**	Insert (Turning)
VBMT	○○○○○○SE	**C27**	Insert (Turning)
VBMT	○○○○○○VF	**B69**	Insert (Turning)
VCGT	○○○○○○AH	**B70**	Insert (Turning)
VCGT	○○○○○○R/L-A3	**B70**	Insert (Turning)
VCGW	○○○○○○ME	**C17**	Insert (Turning) / Previous Description
VCGW	○○○○○○ME-T	**C17**	Insert (Turning) / Previous Description
VCGW	○○○○○○SE	**C17**	Insert (Turning) / Previous Description
VCGW	○○○○○○SE-T	**C17**	Insert (Turning) / Previous Description
VCGW	○○○○○○S○○○○○MET	**C17**	Insert (Turning)
VCGW	○○○○○○S○○○○○SET	**C17**	Insert (Turning)
VCGW	○○○○○○T○○○○○ME	**C17**	Insert (Turning)
VCGW	○○○○○○T○○○○○SE	**C17**	Insert (Turning)
VCMT	○○○○○○	**C27**	Insert (Turning)
VCMT	○○○○○○HQ	**B70**	Insert (Turning)
VCMT	○○○○○○NE	**C27**	Insert (Turning)
VCMT	○○○○○○SE	**C27**	Insert (Turning)
VCMT	○○○○○○VF	**B70**	Insert (Turning)
VNBR	○○○○-○○(○)	**F25**	System Tip-bars (Boring)
VNBR	○○○○-○○(○)NB	**C32, F25**	System Tip-bars (Boring)
VNBR	○○○○(○○)-○○(○)S	**F24**	System Tip-bars (Boring)
VNBTR	○○○○-○○(○)	**F25**	System Tip-bars (Boring)
VNBXR	○○○○(○)-○○(○)S	**F28**	System Tip-bars (Boring)
VNFGR	○○○○-○○	**G70**	System Tip-bars (Grooving)
VNFGR	○○○○-○○NB	**C32, G70**	System Tip-bars (Grooving)
VNGR	○○○○-○○	**G47**	System Tip-bars (Grooving)
VNGR	○○○○-○○NB	**C32, G47**	System Tip-bars (Grooving)
VNGA	○○○○○○	**B38, B86**	Insert (Turning)
VNGA	○○○○○○ME	**C12**	Insert (Turning) / Previous Description
VNGA	○○○○○○ME-T	**C12**	Insert (Turning) / Previous Description
VNGA	○○○○○○SE	**C12**	Insert (Turning) / Previous Description
VNGA	○○○○○○SE-T	**C12**	Insert (Turning) / Previous Description
VNGA	○○○○○○S○○○○○	**B86**	Insert (Turning)
VNGA	○○○○○○S○○○○○ME	**C12**	Insert (Turning)
VNGA	○○○○○○S○○○○○MEH	**C12**	Insert (Turning)
VNGA	○○○○○○S○○○○○MEP	**C12**	Insert (Turning)
VNGA	○○○○○○S○○○○○MET	**C12**	Insert (Turning)
VNGA	○○○○○○S○○○○○SE	**C12**	Insert (Turning)
VNGA	○○○○○○S○○○○○SET	**C12**	Insert (Turning)
VNGA	○○○○○○T○○○○○	**B86**	Insert (Turning)
VNGA	○○○○○○T○○○○○ME	**C12**	Insert (Turning)
VNGA	○○○○○○T○○○○○SE	**C12**	Insert (Turning)
VNGG	○○○○○○R/L	**B38**	Insert (Turning)
VNMA	○○○○○○	**B86**	Insert (Turning) / Previous Description
VNMA	○○○○○○S○○○○○	**B86**	Insert (Turning)
VNMG	○○○○○○	**B37**	Insert (Turning)
VNMG	○○○○○○DP	**B37**	Insert (Turning)
VNMG	○○○○○○GP	**B37**	Insert (Turning)
VNMG	○○○○○○GU	**B38**	Insert (Turning)
VNMG	○○○○○○HQ	**B37**	Insert (Turning)
VNMG	○○○○○○MQ	**B38**	Insert (Turning)
VNMG	○○○○○○MS	**B38**	Insert (Turning)
VNMG	○○○○○○MU	**B38**	Insert (Turning)
VNMG	○○○○○○PP	**B37**	Insert (Turning)
VNMG	○○○○○○PQ	**B37**	Insert (Turning)
VNMG	○○○○○○TN-V	**B37**	Insert (Turning)
VNMG	○○○○○○VF	**B37**	Insert (Turning)
VNMM	○○○○○○M	**C22**	Insert (Turning)
VNMM	○○○○○○M-NE	**C22**	Insert (Turning)
VNMM	○○○○○○M-SE	**C22**	Insert (Turning)
VNTR	○○○-○○	**J31**	System Tip-bars (Threading)
VPET	○○○○○○(○)F R/L-USF	**B72**	Insert (Turning)
VPET	○○○○○○(○)M R/L-F	**B72**	Insert (Turning)
VPET	○○○○○○(○)M R/L-FSF	**B72**	Insert (Turning)
VPET	○○○○○○(○)MF R/L-J	**B72**	Insert (Turning)
VPET	○○○○○○(○)MF R/L-U	**B72**	Insert (Turning)
VPET	○○○○○○(○)MF R/L-USF	**B72**	Insert (Turning)
VPET	○○○○○○(○)R/L-FSF	**B72**	Insert (Turning)
VPGT	○○○○○○CF	**B71**	Insert (Turning)
VPGT	○○○○○○CK	**B71**	Insert (Turning)
VPGT	○○○○○○M-CF	**B71**	Insert (Turning)
VPGT	○○○○○○M-CK	**B71**	Insert (Turning)
VPGT	○○○○○○MF-GF	**B71**	Insert (Turning)
VPGT	○○○○○○MFP-GF	**B71**	Insert (Turning)
VPGT	○○○○○○MP-CF	**B71**	Insert (Turning)
VPGT	○○○○○○MP-CK	**B71**	Insert (Turning)
W			
W-6		**G40, G61, P18**	Spare Parts (Washer)
W-8		**P18**	Spare Parts (Washer)
W6-14		**P18**	Spare Parts (Washer)
W6X17		**M34, P6**	Spare Parts (Screw)
W6X18		**M134, M135, P6**	Spare Parts (Wedge Lock Screw)
W6X20		**M134, M135, P6**	Spare Parts (Wedge Lock Screw)
W8X16		**M62, P6**	Spare Parts (Screw)
W8X18		**M63, P6**	Spare Parts (Screw)
W8X21		**M30, P6**	Spare Parts (Wedge Lock Screw)
WB-5		**F79, P18**	Spare Parts (Washer)
WB-6		**F79, P18**	Spare Parts (Washer)
WB-8		**F79, P18**	Spare Parts (Washer)
WBET	○○○○○○M R/L-F	**B73**	Insert (Turning)
WBGT	○○○○○○M R/L-CF	**B73**	Insert (Turning)
WBGT	○○○○○○MP R/L-CF	**B73**	Insert (Turning)
WBGT	○○○○○○(○)M R/L-F	**B73**	Insert (Turning)
WBGT	○○○○○○(○)R/L-F	**B73**	Insert (Turning)
WBGW	○○○○○○R/L	**B73**	Insert (Turning)
WBGW	○○○○○○R/L-SE	**C18**	Insert (Turning) / Previous Description
WBGW	○○○○○○R/L-SE-T	**C18**	Insert (Turning) / Previous Description
WBGW	○○○○○○S○○○○○R/L-SET	**C18**	Insert (Turning)
WBGW	○○○○○○T○○○○○R/L-SE	**C18**	Insert (Turning)

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Description	Page	Category
WBMT ○○○○○○L	**C27, C28**	Insert (Turning)
WBMT ○○○○○○L-NE	**C27, C28**	Insert (Turning)
WBMT ○○○○○○L-SE	**C27, C28**	Insert (Turning)
WBMT ○○○○○○R/L-DP	**B73**	Insert (Turning)
WC- ○○	**M134, M135**	Spare Parts (Wedge)
WCMT ○○○○○○	**K55, K57**	Insert (Drilling)
WCS-1N	**D15, N6, P14**	Spare Parts (Clamp Set)
WCS-8	**D20, F70, N7, P14**	Spare Parts (Clamp Set)
WDRC○(○)	**K7, K8, K9, K12, K13, K14, K15**	Spare Parts (Wrench / for "MagicDrill DRC")
WN-1	**D15, D20, N6, N7, P18**	Spare Parts (Shim Nut)
WNEU ○○○○○○EN-GL	**M14**	Insert (Milling)
WNGA ○○○○○○ME	**C12**	Insert (Turning) / Previous Description
WNGA ○○○○○○ME-T	**C12**	Insert (Turning) / Previous Description
WNGA ○○○○○○SE	**C12**	Insert (Turning) / Previous Description
WNGA ○○○○○○SE-T	**C12**	Insert (Turning) / Previous Description
WNGA ○○○○○○S○○○○○○ME	**C12**	Insert (Turning)
WNGA ○○○○○○S○○○○○○MET	**C12**	Insert (Turning)
WNGA ○○○○○○S○○○○○○SE	**C12**	Insert (Turning)
WNGA ○○○○○○S○○○○○○SET	**C12**	Insert (Turning)
WNGA ○○○○○○T○○○○○○ME	**C12**	Insert (Turning)
WNGG ○○○○○○AH	**B40**	Insert (Turning)
WNGG ○○○○○○TK	**B41**	Insert (Turning)
WNGG ○○○○○○R/L	**B42**	Insert (Turning)
WNGG ○○○○○○R/L-S	**B42**	Insert (Turning)
WNMA ○○○○○○	**B42**	Insert (Turning)
WNMG ○○○○○○	**B40**	Insert (Turning)
WNMG ○○○○○○C	**B42**	Insert (Turning)
WNMG ○○○○○○CJ	**B39**	Insert (Turning)
WNMG ○○○○○○CQ	**B39**	Insert (Turning)
WNMG ○○○○○○GC	**B42**	Insert (Turning)
WNMG ○○○○○○GP	**B39**	Insert (Turning)
WNMG ○○○○○○GS	**B40**	Insert (Turning)
WNMG ○○○○○○GT	**B40**	Insert (Turning)
WNMG ○○○○○○GU	**B41**	Insert (Turning)
WNMG ○○○○○○HQ	**B39**	Insert (Turning)
WNMG ○○○○○○HS	**B40**	Insert (Turning)
WNMG ○○○○○○HU	**B41**	Insert (Turning)
WNMG ○○○○○○MQ	**B41**	Insert (Turning)
WNMG ○○○○○○MS	**B42**	Insert (Turning)
WNMG ○○○○○○MU	**B42**	Insert (Turning)
WNMG ○○○○○○PH	**B42**	Insert (Turning)
WNMG ○○○○○○PP	**B39**	Insert (Turning)
WNMG ○○○○○○PQ	**B39**	Insert (Turning)
WNMG ○○○○○○PS	**B40**	Insert (Turning)
WNMG ○○○○○○PT	**B40**	Insert (Turning)
WNMG ○○○○○○TK	**B41**	Insert (Turning)
WNMG ○○○○○○WP	**B39**	Insert (Turning)
WNMG ○○○○○○WQ	**B39**	Insert (Turning)
WNMG ○○○○○○XP	**B41**	Insert (Turning)
WNMG ○○○○○○XQ	**B41**	Insert (Turning)
WNMG ○○○○○○XS	**B41**	Insert (Turning)
WNMG ○○○○○○ZS	**B42**	Insert (Turning)
WNMM ○○○○○○M	**C22**	Insert (Turning)
WNMM ○○○○○○M-NE	**C22**	Insert (Turning)
WNMM ○○○○○○M-SE	**C22**	Insert (Turning)
WNMU ○○○○○○EN-GH	**M14**	Insert (Milling)
WNMU ○○○○○○EN-GM	**M14**	Insert (Milling)
WNMU ○○○○○○EN-SM	**M14**	Insert (Milling)
WOF07R	**M30**	Spare Parts (Wedge)
WP-1S	**D15, N6, P7**	Spare Parts (Shim Pin)
WP5X11	**F70, P7**	Spare Parts (Shim Pin)
WP5X15	**D20, N7, P7**	Spare Parts (Shim Pin)
WPGT ○○○○○○M R/L-Y	**B74**	Insert (Turning)
WPGT ○○○○○○R/L-Y	**B74**	Insert (Turning)
WPGW ○○○○○○	**B74**	Insert (Turning)
WPMT ○○○○○○	**C28**	Insert (Turning)
WPMT ○○○○○○GP	**B74**	Insert (Turning)
WPMT ○○○○○○HQ	**B74**	Insert (Turning)
WPMT ○○○○○○NE	**C28**	Insert (Turning)
WPMT ○○○○○○SE	**C28**	Insert (Turning)
WSP-1	**D15, N6, P18**	Spare Parts (Spacer)
WTENN ○○○○□-○○N	**D15**	Toolholder (Turning)
WTJNR/L ○○○○□-○○N	**D15**	Toolholder (Turning)
WTKNR/L ○○○○□-○○N	**D15**	Toolholder (Turning)
WTN-33	**D15, N6, P12**	Spare Parts (Shim)
WTN-33-20	**D15, P12**	Spare Parts (Shim)
WWLNR/L ○○○○□-○○	**D20**	Toolholder (Turning)
WWLNR/L ○○○○B-○○E	**F70**	Boring Bar / Previous Description
WWN-42	**D20, N7, P12**	Spare Parts (Shim)
WWP-42	**F70, P12**	Spare Parts (Shim)
WWP-42-16	**F70, P12**	Spare Parts (Shim)
Z		
ZCMT ○○○○○○	**K39**	Insert (Drilling)
ZCMT ○○○○○○SP	**K39**	Insert (Drilling)
ZCMT ○○○○○○SU	**K39**	Insert (Drilling)
ZXMT ○○○○○○GM	**K24**	Insert (Drilling)
ZXMT ○○○○○○GM-E	**K24**	Insert (Drilling)
ZXMT ○○○○○○GM-I	**K24**	Insert (Drilling)
ZXMT ○○○○○○GH	**K24**	Insert (Drilling)
ZXMT ○○○○○○GH-E	**K24**	Insert (Drilling)
ZXMT ○○○○○○SM	**K24**	Insert (Drilling)
ZXMT ○○○○○○SM-E	**K24**	Insert (Drilling)