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▶ CAT	P.B-5~6	▶ SCAT	P.E-6~7	▶ CAT	P.B-7	▶ SCAT	P.E-8	▶ SCAT	P.E-9~10	▶ HSK-E	P.G-43
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▶ CAT	P.B-11	▶ SCAT	P.E-14	▶ CAT	P.B-12	▶ SCAT	P.E-15	▶ CAT	P.B-13	▶ SCAT	P.E-16
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▶ ISO	P.J-6			▶ ISO	P.J-7			▶ NT.MT	P.K-4		
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▶ DAT	P.C-19	▶ HSK-A	P.G-21	▶ DAT	P.C-20	▶ NT.MT	P.K-6	▶ CAT	P.B-16	▶ SCAT	P.E-17
▶ NT.MT	P.K-5							▶ DAT	P.C-21	▶ SDAT	P.F-17
								▶ HSK-A	P.G-22~24	▶ PSC	P.H-42~44
								▶ NT.MT	P.K-7		
SLN SIDE LOCK END MILL HOLDER [ JIS TYPE ]		SLN SIDE LOCK END MILL HOLDER [ FID TYPE ]		SLN SIDE LOCK END MILL HOLDER [ JIS-FID TYPE ]							
											
▶ BT	P.A-32~33	▶ SBT	P.D-35~36	▶ BT	P.A-34~35	▶ HSK-A	P.G-26~27	▶ BT	P.A-36~37	▶ HSK-A	P.G-28
▶ HSK-A	P.G-25										

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SLNB SIDE LOCK END MILL HOLDER	FACE MILL ARBOR / FMA TYPE	FACE MILL ARBOR / EXTENSION TYPE
 <p>▶ <b>HSK-A</b> P.G-29</p>	 <p>▶ <b>BT</b> P.A-38    ▶ <b>SBT</b> P.D-37            ▶ <b>CAT</b> P.B-17    ▶ <b>SCAT</b> P.E-18            ▶ <b>PSC</b> P.H-45    ▶ <b>NT</b> P.K-8</p>	 <p>▶ <b>BT</b> P.A-39    ▶ <b>SBT</b> P.D-38</p>
FACE MILL ARBOR / FMB TYPE	FACE MILL ARBOR / EXTENSION TYPE	FACE MILL ARBOR / LIGHT WEIGHT TYPE
 <p>▶ <b>BT</b> P.A-40~41    ▶ <b>SBT</b> P.D-39~40            ▶ <b>DAT</b> P.C-22~23    ▶ <b>SDAT</b> P.F-18            ▶ <b>HSK-A</b> P.G-30~31    ▶ <b>PSC</b> P.H-46            ▶ <b>NT</b> P.K-8</p>	 <p>▶ <b>BT</b> P.A-42    ▶ <b>SBT</b> P.D-41</p>	 <p>▶ <b>BT</b> P.A-43</p>
FACE MILL ARBOR / FMC TYPE	SMA FACE MILL ARBOR	CSR COMBI SHELL END MILL ARBOR
 <p>▶ <b>BT</b> P.A-44~45    ▶ <b>SBT</b> P.D-42~44            ▶ <b>DAT</b> P.C-24    ▶ <b>SDAT</b> P.F-19            ▶ <b>HSK-A</b> P.G-32    ▶ <b>PSC</b> P.H-47</p>	 <p>▶ <b>BT</b> P.A-46    ▶ <b>SBT</b> P.D-45</p>	 <p>▶ <b>BT</b> P.A-47    ▶ <b>HSK-A</b> P.G-33            ▶ <b>DAT</b> P.C-25    ▶ <b>NT</b> P.K-9</p>

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SIDE CUTTER ADAPTER		SPH DRILL CHUCK ADAPTER		SPU DRILL CHUCK ADAPTER	
					
▶ BT	P.A-48~49	▶ SBT	P.D-46~47	▶ BT	P.A-51
▶ PSC	P.H-48	▶ BT	P.A-50	▶ CAT	P.B-18
		▶ DAT	P.C-26	▶ HSK-A	P.G-34
				▶ NT.MT	P.K-10
JTA DRILL CHUCK ARBOR		QUICK CHANGE TAPPING CHUCK		EXPANSION ER TAPPER	
					
▶ BT	P.A-52	▶ CAT	P.B-20	▶ BT	P.A-57
▶ DAT	P.C-28	▶ NT	P.K-11	▶ CAT	P.B-21
				▶ DAT	P.C-29
SIDE LOCK OIL HOLE HOLDER		OTHER OIL HOLE COLLET CHUCK		SOM SCREWED END MILL HOLDER	
					
▶ BT	P.A-58	▶ CAT	P.B-22	▶ BT	P.A-60
▶ DAT	P.C-30	▶ BT	P.A-59	▶ CAT	P.B-23
		▶ DAT	P.C-31	▶ HSK-A	P.G-36
				▶ DAT	P.C-32

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MTA MORSE TAPER ADAPTER		MTB MORSE TAPER ADAPTER		ADAPTER	
					
▶ BT	P.A-61	▶ SBT	P.D-48	▶ BT	P.A-63
▶ CAT	P.B-25	▶ SCAT	P.E-19	▶ CAT	P.B-26
▶ DAT	P.C-33	▶ SDAT	P.F-20	▶ DAT	P.C-34
▶ HSK-A	P.G-37	▶ NT.MT	P.K-12	▶ HSK-A	P.G-38
				▶ NT.MT	P.K-13
BLANK		EXTERNAL TURNING TOOL		SLT SIDE LOCK HOLDER	
					
▶ BT	P.A-64	▶ SBT	P.D-51	▶ HSK-T	P.G-51~55
▶ CAT	P.B-27	▶ SCAT	P.E-21	▶ PSC	P.H-7~16
▶ DAT	P.C-35	▶ HSK-A	P.G-39	▶ HSK-T	P.G-56
▶ PSC	P.H-51	▶ VDI	P.V-4		
SLD SIDE LOCK HOLDER		EXTERNAL TURNING TOOL HOLDER		INTERNAL BORING BAR	
					
▶ HSK-T	P.G-57	▶ HSK-T	P.G-57~59	▶ PSC	P.H-17~18
				▶ PSC	P.H-19~21

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INDEXABLE END MILL CUTTER	SFC SHRINK FIT CHUCK	SFC SHRINK FIT CHUCK [ CUL TYPE ]
 <ul style="list-style-type: none"> <li>▶ <b>PSC</b> P.H-22~25</li> </ul>	 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.L-6~17</li> <li>▶ <b>CAT</b> P.L-18~21</li> <li>▶ <b>DAT</b> P.L-22~26</li> <li>▶ <b>HSK-A</b> P.L-47~57</li> <li>▶ <b>HSK-F</b> P.L-71~74</li> <li>▶ <b>ISO</b> P.L-80~81</li> <li>▶ <b>SBT</b> P.L-27~33</li> <li>▶ <b>SCAT</b> P.L-36~39</li> <li>▶ <b>SDAT</b> P.L-42~45</li> <li>▶ <b>HSK-E</b> P.L-60~69</li> <li>▶ <b>PSC</b> P.L-76~78</li> </ul>	 <ul style="list-style-type: none"> <li>▶ <b>SBT</b> P.L-34~35</li> <li>▶ <b>SCAT</b> P.L-40~41</li> <li>▶ <b>SDAT</b> P.L-46</li> <li>▶ <b>HSK-A</b> P.L-58~59</li> <li>▶ <b>HSK-E</b> P.L-70</li> <li>▶ <b>HSK-F</b> P.L-75</li> <li>▶ <b>PSC</b> P.L-79</li> </ul>
SFC SHRINK FIT CHUCK WITH CP COOLANT HOLE	BORING HEAD SHANK SET	BORING HEAD SHANK [ SCK.MCK ]
 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.L-82~85</li> <li>▶ <b>CAT</b> P.L-86~89</li> <li>▶ <b>DAT</b> P.L-90~94</li> <li>▶ <b>HSK-A</b> P.L-110~113</li> <li>▶ <b>SBT</b> P.L-95~101</li> <li>▶ <b>SCAT</b> P.L-102~105</li> <li>▶ <b>SDAT</b> P.L-106~109</li> <li>▶ <b>PSC</b> P.L-114~115</li> </ul>	 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.M-9~10</li> <li>▶ <b>C</b> P.M-9</li> <li>▶ <b>NT</b> P.M-9</li> <li>▶ <b>DAT</b> P.M-9</li> <li>▶ <b>R8</b> P.M-9</li> </ul>	 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.M-19~26</li> <li>▶ <b>CAT</b> P.M-27~28</li> <li>▶ <b>DAT</b> P.M-29~30</li> <li>▶ <b>HSK-A</b> P.M-42~45</li> <li>▶ <b>SBT</b> P.M-31~37</li> <li>▶ <b>SCAT</b> P.M-38~39</li> <li>▶ <b>SDAT</b> P.M-40~41</li> <li>▶ <b>PSC</b> P.M-46~48</li> </ul>
NBH BORING HEAD SHANK	BST BORING HEAD SHANK	PRECISION BORING HEAD SHANK
 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.M-54</li> <li>▶ <b>DAT</b> P.M-55</li> </ul>	 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.M-53</li> <li>▶ <b>DAT</b> P.M-53</li> </ul>	 <ul style="list-style-type: none"> <li>▶ <b>BT</b> P.M-56~57</li> <li>▶ <b>C</b> P.M-56</li> <li>▶ <b>MTB</b> P.M-56</li> <li>▶ <b>DAT</b> P.M-56</li> <li>▶ <b>R8</b> P.M-56</li> <li>▶ <b>NT</b> P.M-56</li> </ul>



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BYB BORING HEAD SHANK		SQUARE CUTTER BORING BAR		SQUARE CUTTER BORING BAR	
					
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HBL SLIM-FIT COLLET CHUCK		STA SYNCHRONIZED TAPPING HOLDER		SAF RUNOUT ADJUSTABLE HOLDER	
					
▶ BT	P,N-2	▶ SBT	P,N-5	▶ BT	P,Q-2~5
▶ CAT	P,N-3	▶ SCAT	P,N-6	▶ SBT	P,Q-12~15
▶ DAT	P,N-4	▶ SDAT	P,N-7	▶ CAT	P,Q-6~8
▶ HSK-A	P,N-8	▶ PSC	P,N-9	▶ SCAT	P,Q-16~18
				▶ DAT	P,Q-9~11
				▶ SDAT	P,Q-19~21
				▶ HSK-A	P,Q-22~25
				▶ PSC	P,Q-26~29
				▶ BT	P,R-2~5
				▶ SBT	P,R-14~17
				▶ CAT	P,R-6~9
				▶ SCAT	P,R-18~21
				▶ DAT	P,R-10~13
				▶ SDAT	P,R-22~25
				▶ HSK-A	P,R-26~30
				▶ PSC	P,R-31~34
STA SYNCHRONIZED TAPPING HOLDER BODY		SAF RUNOUT ADJUSTABLE HOLDER BODY		SAG-D ANGLE HEAD HOLDER	
					
▶ BT	P,Q-34	▶ SBT	P,Q-35	▶ BT	P,R-35
▶ CAT	P,Q-34	▶ SCAT	P,Q-35	▶ SBT	P,R-36
▶ DAT	P,Q-34	▶ SDAT	P,Q-35	▶ CAT	P,R-35
▶ HSK-A	P,Q-34	▶ PSC	P,Q-34	▶ SCAT	P,R-36
				▶ DAT	P,R-35
				▶ SDAT	P,R-36
				▶ HSK-A	P,R-35
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				▶ BT	P,S-2
				▶ SBT	P,S-2

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SAU ANGLE HEAD HOLDER				SAR ANGLE HEAD HOLDER				SAC ANGLE HEAD HOLDER			
											
▶ BT	P.S-3	▶ CAT	P.S-3	▶ BT	P.S-4~7	▶ SBT	P.S-4~7	▶ BT	P.S-8~17	▶ SBT	P.S-8~17
				▶ CAT	P.S-4~7	▶ SCAT	P.S-4~7	▶ CAT	P.S-8~17	▶ SCAT	P.S-8~17
				▶ DAT	P.S-4~7	▶ SDAT	P.S-4~7	▶ DAT	P.S-8~17	▶ SDAT	P.S-8~17
								▶ HSK	P.S-8~17		
SAM ANGLE HEAD HOLDER				SAG ANGLE HEAD HOLDER				SAD ANGLE HEAD HOLDER			
											
▶ BT	P.S-18~27	▶ SBT	P.S-18~27	▶ BT	P.S-28~29	▶ SBT	P.S-30~31	▶ HSK	P.S-33	▶ SBT	P.S-33
▶ CAT	P.S-18~27	▶ SCAT	P.S-18~27	▶ HSK	P.S-32						
▶ DAT	P.S-18~27	▶ SDAT	P.S-18~27								
▶ HSK	P.S-18~27										
SPINDLE TEST BAR						SPINDLE MASTER BAR					
											
▶ BT	P.W-2	▶ HSK-A	P.W-2	▶ SBT	P.W-4	▶ HSK-F	P.W-4				
▶ CAT	P.W-2	▶ VDI	P.W-3	▶ SCAT	P.W-4	▶ PSC	P.W-4				
▶ DAT	P.W-2	▶ ER	P.W-3	▶ HSK-A	P.W-4						
▶ MTB	P.W-2			▶ HSK-E	P.W-4						

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 ▶ TCS-B   P.A-54~56	 ▶ 00400   P.L-2	 ▶ 00100   P.L-3	 ▶ 00301-A   P.L-4
<b>SLF SLIM-FIT SHRINK FIT COLLET CHUCK</b>	<b>SFC SHRINK FIT CHUCK</b>	<b>SFE SHRINK FIT COLLET CHUCK</b>	<b>SMU BLACK KNIGHT FINISH BORING HEAD</b>
 ▶ SLF   P.L-116~117	 ▶ C   P.L-118~120	 ▶ SFE   P.L-121~122	 ▶ SMU   P.M-2
<b>PCK ROUGH BORING HEAD</b>	<b>ROUGHING TWIN ADJUSTMENT BORING HEAD</b>	<b>PBJ FINISH BORING HEAD</b>	<b>SBJ BORING HEAD FOR FINISHING</b>
 ▶ PCK   P.M-3	 ▶ SCK   P.M-3	 ▶ PBJ   P.M-4	 ▶ SBJ   P.M-4
<b>SBE EXTENDED BORING INSERT SEAT</b>	<b>SLEEVE FOR TUNGSTEN STEEL TOOL HOLDER</b>	<b>ANTI-VIBRANT TUNGSTEN STEEL TOOL HOLDER</b>	<b>THROW-AWAY BORING HEAD</b>
 ▶ SBE   P.M-5	 ▶ SBJ   P.M-6	 ▶ ST   P.M-6	 ▶ SEB   P.M-7
<b>BORING CUTTER</b>	<b>PMB FINISH BORING HEAD</b>	<b>SUPER MICRON EXCHANGEABLE FINISH BORING HEAD</b>	<b>SRW ROUGHING BORING HEAD</b>
 ▶ SBJ   P.M-8	 ▶ PMB   P.M-11	 ▶ SMB   P.M-12~13	 ▶ SRW   P.M-14

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<b>SRW ROUGHING BORING HEAD</b>	<b>SMB SUPER MICRON EXCHANGEABLE FINISH BORING HEAD</b>	<b>SMB SUPER MICRON EXCHANGEABLE FINISH BORING HEAD</b>	<b>SIMPLIFIED TOOL PRESETTER FOR SRW &amp; SMB BORING HEAD</b>
			
▶ <b>SRW-BST</b>   P.M-15	▶ <b>SMB</b>   P.M-16	▶ <b>SMB-BST</b>   P.M-17	▶ <b>SET</b>   P.M-18
<b>STRAIGHT SHANK SCK.MCK BORING HEAD SHANK</b>	<b>EXTENSION SPACER</b>	<b>NBH BORING HEAD</b>	<b>PRECISION BORING HEAD SHANK</b>
			
▶ <b>CxSCK/MCK</b>   P.M-49~50	▶ <b>SCK/MCK</b>   P.M-51~52	▶ <b>NBH</b>   P.M-54	▶ <b>C/R8/NT/MTB</b>   P.M-55
<b>BYB BORING HEAD</b>	<b>BYB FINISH BORING HEAD BODY</b>	<b>THROW AWAY BORING CUTTER</b>	<b>THROW AWAY BORING CUTTER</b>
			
▶ <b>BYB</b>   P.M-58	▶ <b>BYB</b>   P.M-58	▶ <b>SBS</b>   P.M-62	▶ <b>CBS</b>   P.M-63
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<b>HLB / SFC COLLET TYPE SHRINK FIT CHUCK</b>	<b>MAP / CMAP FACE CONTACT TYPE 90° END MILL CUTTER</b>	<b>HLB FACE CONTACT TYPE BALL NOSE FINISH END MILL CUTTER</b>	<b>PMB FACE CONTACT TYPE FINISH BORING HEAD</b>
			
▶ <b>SFC</b>   P.N-14~15	▶ <b>MAP/CMAP</b>   P.N-16~17	▶ <b>BFC</b>   P.N-18~19	▶ <b>PMB</b>   P.N-20

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<b>PCK FACE CONTACT TYPE ROUGH BORING HEAD</b>	<b>MCK FACE CONTACT TYPE BORING HEAD</b>	<b>STA SYNCHRONIZED TAPPING HOLDER</b>	<b>STA SYNCHRONIZED TAPPING HOLDER</b>
			
▶ PCK   P.N-21	▶ MCK   P.N-22	▶ CxSTA-T   P.Q-30~31	▶ CxSTA-U   P.Q-32
<b>STA SYNCHRONIZED TAPPING HOLDER</b>	<b>STA SYNCHRONIZED TAPPING HOLDER BODY</b>	<b>TAP ADAPTER FOR STA</b>	<b>TAP ADAPTER FOR STA</b>
			
▶ CxSTA-E   P.Q-33	▶ CxSTA   P.Q-36	▶ PTER   P.Q-37	▶ UT   P.Q-38
<b>TAP ADAPTER FOR STA</b>	<b>SHRINK FIT CHUCK FLANGE FOR SAF</b>	<b>SK3 COLLET CHUCK FLANGE FOR SAF</b>	<b>PNER COLLET CHUCK FLANGE FOR SAF</b>
			
▶ ER   P.Q-39	▶ SFC   P.R-37	▶ SK3   P.R-38	▶ PNER   P.R-39
<b>UT COLLET CHUCK FLANGE FOR SAF</b>	<b>FIXED BLOCK</b>	<b>NC / ER COLLET CHUCK</b>	<b>COLLET CHUCK</b>
			
▶ UT   P.R-40	▶ SFT/SFO   P.S-35~36	▶ NC/ER   P.T-2	▶ C/ER   P.T-3~4
<b>COLLET CHUCK</b>	<b>ER COLLET CHUCK</b>	<b>ER COLLET CHUCK</b>	<b>ER TAPPER</b>
			
▶ C/ER-M   P.T-5~6	▶ DE/ER-M   P.T-7	▶ C/ER-M   P.T-8	▶ TP   P.T-9

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<b>STRAIGHT SHANK SBL/EBL COLLET CHUCK</b>	<b>STRAIGHT SHANK SIDE LOCK HOLDER</b>	<b>EOTP ONE-PIECE EXTERNAL TOOL POST</b>	<b>IOTP ONE-PIECE INTERNAL TOOL POST</b>
 ▶ C/SBL,EBL   P.T-10~11	 ▶ CxSL   P.T-12	 ▶ EOTP   P.H-2	 ▶ IOTP   P.H-2
<b>IOTP-QR ONE-PIECE INTERNAL TOOL POST</b>	<b>PSC / SPD HIGH SPEED DRILL</b>	<b>AL ADAPTER [ FOR PSC TOOL HOLDER ]</b>	<b>HIGH-PRESSURE COOLANT PIPE</b>
 ▶ IOTP   P.H-3	 ▶ SPD   P.H-26~27	 ▶ AL   P.H-4	 ▶ HOSE   P.H-4
<b>EXTERNAL TURNING TOOL HOLDER [B1~B4]</b>	<b>FACE TURNING TOOL HOLDER [ C1~C4 ]</b>	<b>SIDE LOCK HOLDER</b>	<b>BORING BAR HOLDER</b>
 ▶ B1~B4   P.V-5~6	 ▶ C1~C4   P.V-7~8	 ▶ E1   P.V-9	 ▶ E2   P.V-10
<b>EOC COLLET CHUCK HOLDER FOR EOC COLLETS</b>	<b>ER COLLET CHUCK HOLDER FOR ER COLLETS</b>	<b>VDI DRILL CHUCK</b>	<b>PN COLLET</b>
 ▶ E3   P.V-11	 ▶ E4   P.V-11	 ▶ SPU   P.V-12	 ▶ PN   P.W-5
<b>PN-ES COLLET</b>	<b>ER COLLET</b>	<b>ER-E COLLET</b>	<b>ER-ES COLLET</b>
 ▶ PN-ES   P.W-6	 ▶ ER   P.W-7~9	 ▶ ER-E   P.W-10	 ▶ ER-ES   P.W-11~12

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<b>ERS METALLIC SEALED COLLET</b>	<b>ERS COOLANT COLLET [ FOD TYPE]</b>	<b>ER-EO SEALED COLLET</b>	<b>ER COOLANT COLLET [ FID.FOD ]</b>
 ▶ <b>ERS</b>   P.W-13~14	 ▶ <b>ERS-FOD</b>   P.W-15~16	 ▶ <b>ER-EO</b>   P.W-17	 ▶ <b>FID.FOD</b>   P.W-18~19
<b>ER-TC RIGID TAP COLLET</b>	<b>ER-TC RIGID TAP SEALED COLLET</b>	<b>ER-TC RIGID TAP SEALED COLLET [ FOD TYPE]</b>	<b>ER FLOATING TAP COLLET</b>
 ▶ <b>ER-TC</b>   P.W-20~25	 ▶ <b>ER-TCO</b>   P.W-26	 ▶ <b>ER-TC-FOD</b>   P.W-27	 ▶ <b>FT</b>   P.W-28
<b>SKX COLLET</b>	<b>SKS COLLET</b>	<b>SLC COLLET</b>	<b>SLC SEALED COLLET</b>
 ▶ <b>SKX</b>   P.W-29	 ▶ <b>SK3</b>   P.W-30~32	 ▶ <b>SLC</b>   P.W-33	 ▶ <b>SLC-C</b>   P.W-34
<b>EBL COLLET</b>	<b>EBL SEALED COLLET</b>	<b>HYC REDUCTION SLEEVE</b>	<b>STRAIGHT COLLET</b>
 ▶ <b>EBL</b>   P.W-35	 ▶ <b>EBL-CO</b>   P.W-36	 ▶ <b>HYC</b>   P.W-37	 ▶ <b>HSC/SSC/SSC-C</b>   P.W-38~40
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 ▶ <b>EOC</b>   P.W-41	 ▶ <b>TG</b>   P.W-42~43	 ▶ <b>TG</b>   P.W-44	 ▶ <b>PNER</b>   P.W-45~46

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