

A - TURNING

<b>NT</b>	<b>-</b>	<b>D</b>	<b>C</b>	<b>L</b>	<b>N</b>	<b>R</b>	<b>20</b>	<b>20</b>	<b>K</b>	<b>-</b>	<b>12</b>	<b>X</b>
		1	2	3	4	5	6	7	8		9	10

B - THREADING

1	CLAMPING SYSTEM
C	top clamp
D	double clamp
M	multi-lock
P	lever-lock
S	screw clamp

2	INSERT SHAPE
C	80° rhombic
D	55° rhombic
R	round
S	90° square
T	60° triangular
V	35° rhombic
W	80° trigon

C - GROOVING

3	CUTTING ANGLE (KAPR)	
A	90° without offset	
B	75°	
C	90°	
D	45° neutral	
E	60°	
F	90°	
G	90° without offset	
H	107.5°	
J	93°	
K	75°	
L	95°	
N	63°	
P	117.5°	
Q	45°	
R	75°	
S	45°	
T	60°	
U	93°	
V	72.5°	
W	60°	
Y	85°	

4	INSERT RELIEF ANGLE
B	5°
C	7°
D	15°
E	20°
N	0°
P	11°

D - MILLING

5	DIRECTION
Symbol	Shape
L	
N	
R	

6	SHANK HEIGHT (H)
∞	

7	SHANK WIDTH (B)
∞	

8	HOLDER LENGTH (LF)
Symbol	
F	80 mm
G	90 mm
H	100 mm
J	110 mm
K	125 mm
L	140 mm
M	150 mm
N	160 mm
P	170 mm
Q	180 mm
R	200 mm
X	NIKKO norm

9	INSERT SIZE

10	ACCORDING TO NIKKO NORM (OPTIONAL)


E - DRILLING

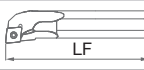
F - ACCESSORIES

G - SPARE PARTS

NT	-	V	12	M	-	S	C	L	C	R/L	06	-	14
		1	2	3		4	5	6	7	8	9		10






















1	HOLDER STYLE
A	steel boring bar with coolant hole
C	carbide boring bar without coolant hole
E	carbide boring bar with coolant hole
S	steel boring bar without coolant hole
V	High quality steel boring bar with Vortex design and coolant hole

2	BORING BAR DIAMETER (DCON)
	



3	HOLDER LENGTH (LF)
Symbol	
F	80 mm
G	90 mm
H	100 mm
J	110 mm
K	125 mm
L	140 mm
M	150 mm
N	160 mm
P	170 mm
Q	180 mm
R	200 mm
S	250 mm
T	300 mm
U	350 mm
V	400 mm
W	450 mm
Y	500 mm
X	NIKKO norm

4	CLAMPING SYSTEM
C	top clamp
D	double clamp
M	multi-lock
P	lever-lock
S	screw clamp

5	INSERT SHAPE
C	80° rhombic
D	55° rhombic
R	round
S	90° square
T	60° triangular
V	35° rhombic
W	80° trigon

6	CUTTING ANGLE (KAPR)				
A	90° without offset		N	63°	
B	75°		P	117.5°	
C	90°		Q	45°	
D	45° neutral		R	75°	
E	60°		S	45°	
F	90°		T	60°	
G	90° without offset		U	93°	
H	107.5°		V	72.5°	
J	93°		W	60°	
K	75°		Y	85°	
L	95°				

7	INSERT RELIEF ANGLE
B	5°
C	7°
D	15°
E	20°
N	0°
P	11°

8	DIRECTION
Symbol	Shape
L	
R	

9	INSERT SIZE
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10	MINIMUM BORE DIAMETER (DMIN)
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A - TURNING	CC <sub>∞</sub>	SCAC  A214	SCLC  A215	SCLC N  A216	SCMC  A217	
	CN <sub>∞</sub>	DCLN  A224	MCKN  A225	MCLN  A226	MCRN  A227	PCLN  A228
B - THREADING	DC <sub>∞</sub>	SDAC  A232	SDJC  A233	SDJC N  A234	SDNC  A235	
	DN <sub>∞</sub>	DDJN  A244	MDJN  A245	PDJN  A246		
C - GROOVING	SC <sub>∞</sub>	SSDC  A255				
	SN <sub>∞</sub>	MSBN  A257	MSDN  A258	MSKN  A259	MSSN  A260	
D - MILLING	TC <sub>∞</sub>	STAC  A264	STFC  A265	STGC  A266		
	TN <sub>∞</sub>	DTGN  A271	DTJN  A272	MTJN  A273		
E - DRILLING	VB <sub>∞</sub>	SVHB  A278	SVJB  A279	SVJB N  A280	SVWB  A281	
	VC <sub>∞</sub>	SVJC  A283	SVJC N  A284	SVPC  A285	SWC  A286	
F - ACCESSORIES	VN <sub>∞</sub>	DVJN  A291	DVWN  A292	MVJN  A293	MVWN  A294	
	WN <sub>∞</sub>	DWLN  A299	MWLN  A300	PWLN  A301		
G - SPARE PARTS	MicroNega	MCN  A251	MDN  A253			

CC <sub>∞</sub>	 DMIN: 8 mm	A <input type="checkbox"/> A218	 DMIN: 12 mm	S <input type="checkbox"/> A223				
		E <input type="checkbox"/> A220						
		S <input type="checkbox"/> A221						
		V <input type="checkbox"/> A222						
CN <sub>∞</sub>	 DMIN: 32 mm	A <input type="checkbox"/> A229	 DMIN: 25 mm	S <input type="checkbox"/> A230	 DMIN: 32 mm			
DC <sub>∞</sub>	 DMIN: 13 mm	S <input type="checkbox"/> A236	 DMIN: 13 mm	A <input type="checkbox"/> A238	 DMIN: 14 mm			
						V <input type="checkbox"/> A237	S <input type="checkbox"/> A240	S <input type="checkbox"/> A242
							V <input type="checkbox"/> A241	V <input type="checkbox"/> A243
DN <sub>∞</sub>	 DMIN: 32 mm	A <input type="checkbox"/> A247	 DMIN: 40 mm	S <input type="checkbox"/> A248				
MCC	 DMIN: 5 mm	E <input type="checkbox"/> A249						
		V <input type="checkbox"/> A250						
SC <sub>∞</sub>	 DMIN: 16 mm	S <input type="checkbox"/> A256						
SN <sub>∞</sub>	 DMIN: 25 mm	S <input type="checkbox"/> A261						
TB <sub>∞</sub>	 DMIN: 7 mm	V <input type="checkbox"/> A262	 DMIN: 10 mm	S <input type="checkbox"/> A263				
TC <sub>∞</sub>	 DMIN: 12 mm	A <input type="checkbox"/> A267	 DMIN: 14 mm	V <input type="checkbox"/> A270				
		E <input type="checkbox"/> A268						
		S <input type="checkbox"/> A269						
TN <sub>∞</sub>	 DMIN: 32 mm	A <input type="checkbox"/> A274	 DMIN: 25 mm	S <input type="checkbox"/> A275				
TP <sub>∞</sub>	 DMIN: 16 mm	S <input type="checkbox"/> A276	 DMIN: 12 mm	S <input type="checkbox"/> A277				
VB <sub>∞</sub>	 DMIN: 25 mm	V <input type="checkbox"/> A282						
VC <sub>∞</sub>	 DMIN: 14 mm	S <input type="checkbox"/> A287	 DMIN: 22 mm	S <input type="checkbox"/> A288	 DMIN: 22 mm			
						S <input type="checkbox"/> A289		
						 DMIN: 30 mm	S <input type="checkbox"/> A290	

- A** Steel with coolant
- E** Carbide with coolant
- S** Steel without coolant
- V** Vortex with coolant

A - TURNING

B - THREADING

C - GROOVING

D - MILLING

E - DRILLING

F - ACCESSORIES

G - SPARE PARTS

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VN <sub>∞</sub>	MVQN  DMIN: 33 mm <b>S</b> <input type="checkbox"/> A295	MVUN  DMIN: 37 mm <b>S</b> <input type="checkbox"/> A296		
	WB <sub>∞</sub>  DMIN: 6 mm <b>V</b> <input type="checkbox"/> A297			
WC <sub>∞</sub>  DMIN: 14 mm <b>V</b> <input type="checkbox"/> A298				
WN <sub>∞</sub>	DWLN  DMIN: 32 mm <b>A</b> <input type="checkbox"/> A302	MWLN  DMIN: 22 mm <b>S</b> <input type="checkbox"/> A303	PWLN  DMIN: 30 mm <b>A</b> <input type="checkbox"/> A304	
	MicroNega  DMIN: 10 mm <b>V</b> <input type="checkbox"/> A252	MDN  DMIN: 15 mm <b>V</b> <input type="checkbox"/> A254		

- A** Steel with coolant
- E** Carbide with coolant
- S** Steel without coolant
- V** Vortex with coolant