

# JG PRECISION T O O L S

MEMBER OF








THE PRECISION  
OF THE TOOL  
IS THE PRECISION  
OF DETAIL

JG PRECISION  
T O O L S  
DWLNR 2020K-08HPC  
DCL CP01 S60 S712 FT15

ABSOLUTE PRECISION

# CONTENTS

	<b>HUMM TURNING HPC</b>	3
	What distinguishes our turning tool holders	4
	<b>HUMM DCLN R\L</b>	5
	<b>HUMM DWLN R\L</b>	6
	<b>HUMM DDJN R\L</b>	7

# HUMM TURNING HPC

better chip evacuation

increased insert durability up to 300%

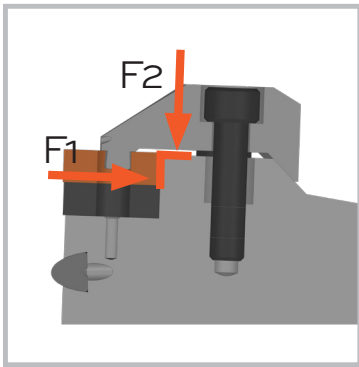
Specially developed design combining 2 technologies to optimize the turning process.

**SL technology** - double clamping of the insert improves the stability of the tool in the socket

**HPC technology** - supplies cooling liquid directly to the cutting zone of two sides under 10 bar pressure.

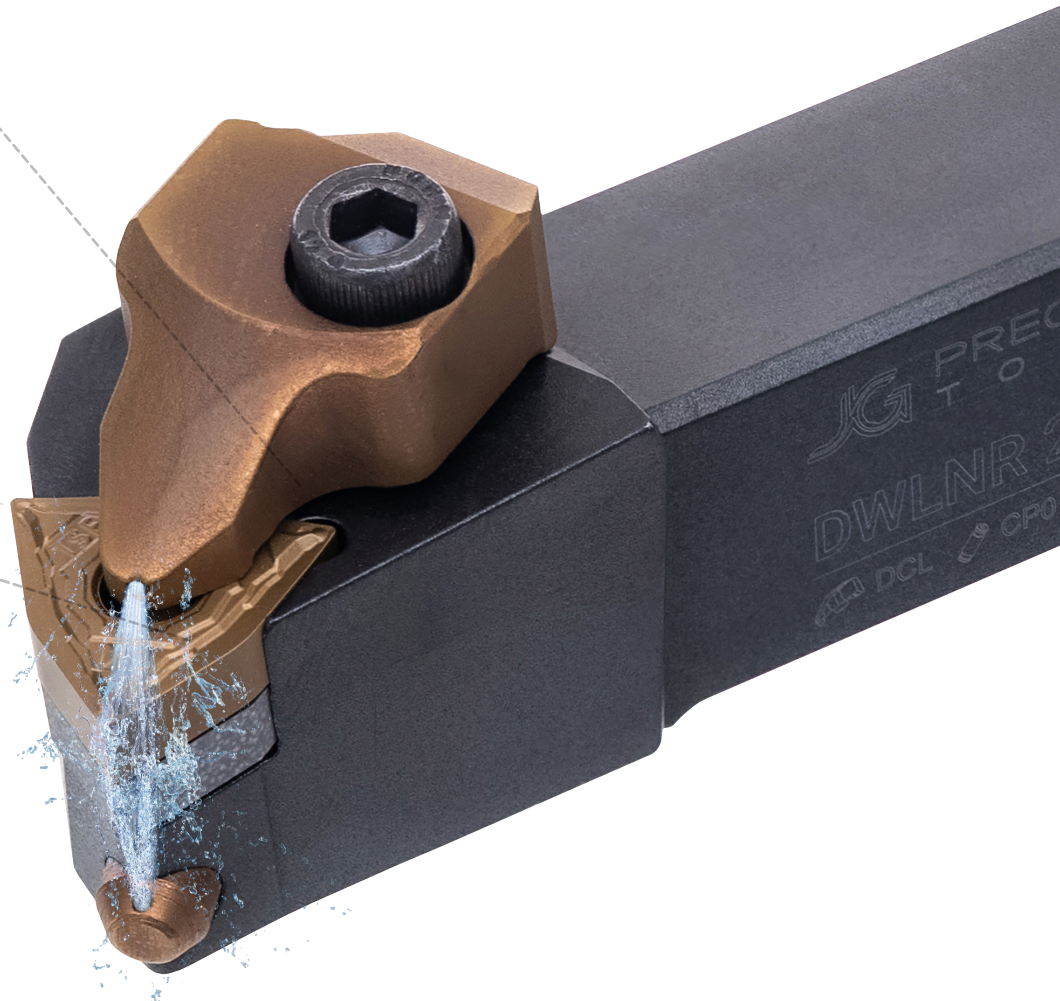
The synergy of technology allows for spectacular results:

- increasing the durability of the tools up to 300%,
- significant improvement of surface quality for finishing treatments,
- better chip breaking.



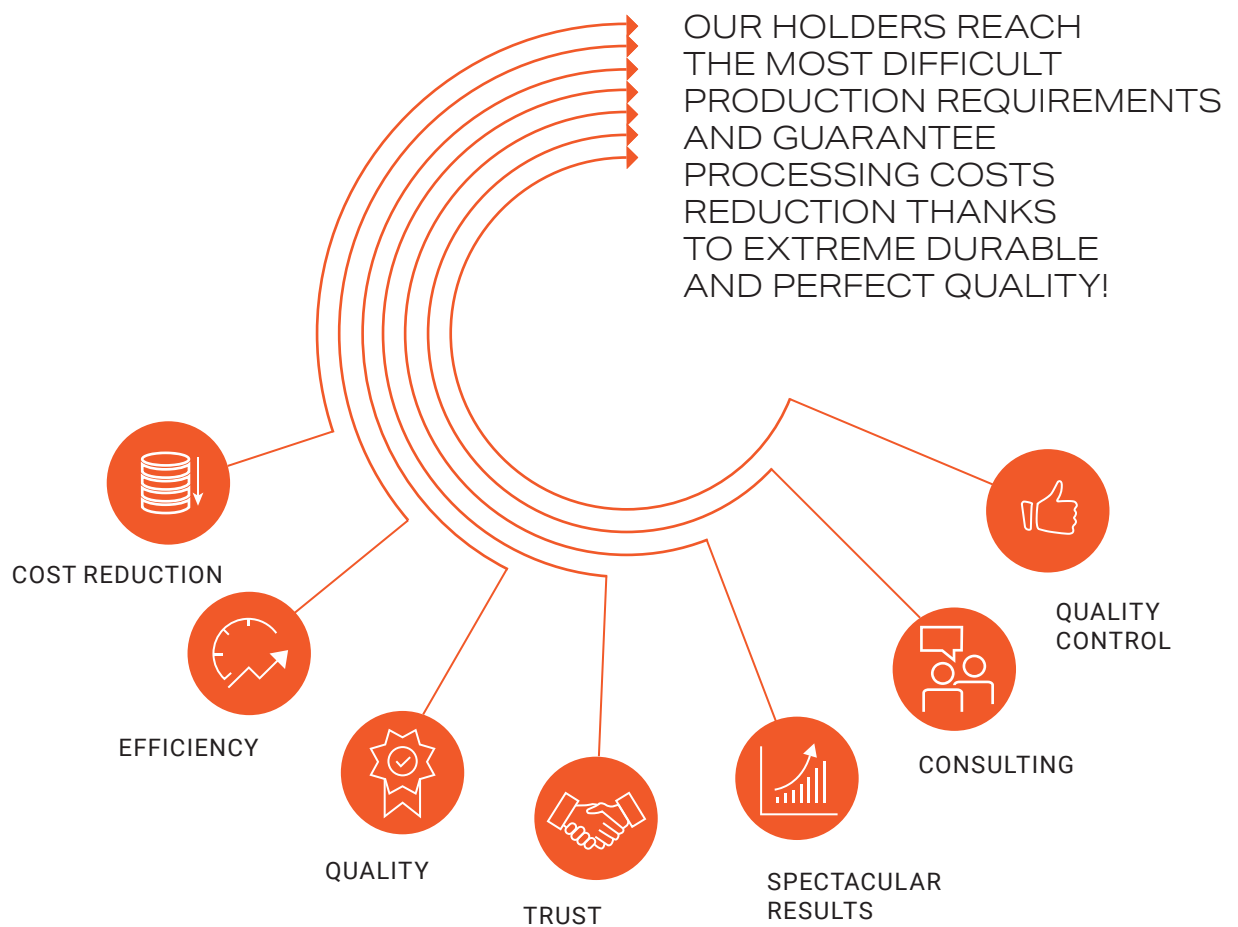
**HPC**  
High Pressure Cooling

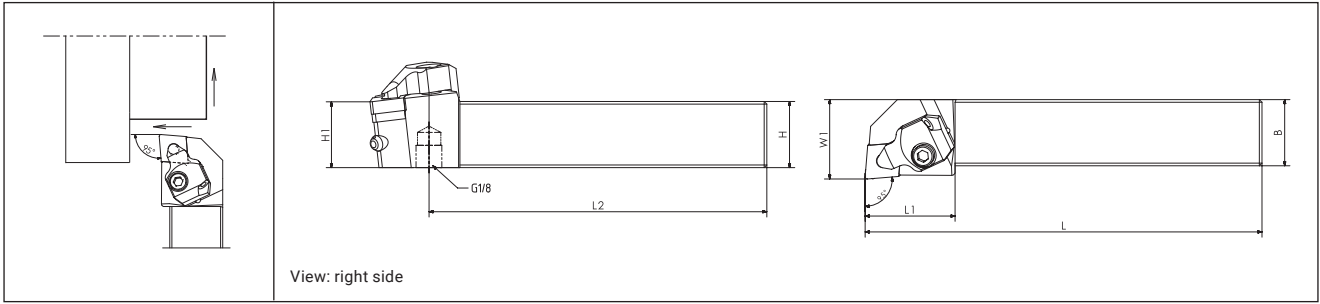
Double combination cooling reduces friction on the blade of the turning tool edge keeping the blade clean and giving a constant temperature



# WHAT DISTINGUISHES OUR TURNING TOOL HOLDERS:

- 1 very high quality of materials
- 2 multi-point pressure system to improve stability
- 3 coolant supply system with max. 10 bar pressure
- 4 improved insert life due to high precision cooling and stable clamping
- 5 very simple assembly and disassembly of the tool





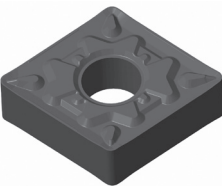
Dimensions of turning tool holders

Maximal coolant pressure: up to 10 bar

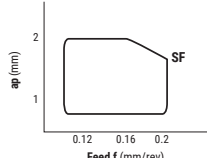
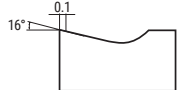
Item	Stock		Dimensions								Spare parts									
	R	L	H	H1	B	L	L1	W1	L2	Clamp		Screw	Screw-driver	Spring	Pipe connection	Shim	Shim screw	Screw-driver	Inserts	
										DCR	DCL	SD52	KA40	S712	CP01	C12	SP36	KA20		CN..1204
DCLN r/l 2020K-12HPC	●	●	mm	20	20	20	125	34	25	105	DCR	DCL								
2525M-12HPC	●	●	mm	25	25	25	150	34	30	130	DCR	DCL	SD52	KA40	S712	CP01	C12	SP36	KA20	CN..1204

● Catalogue product

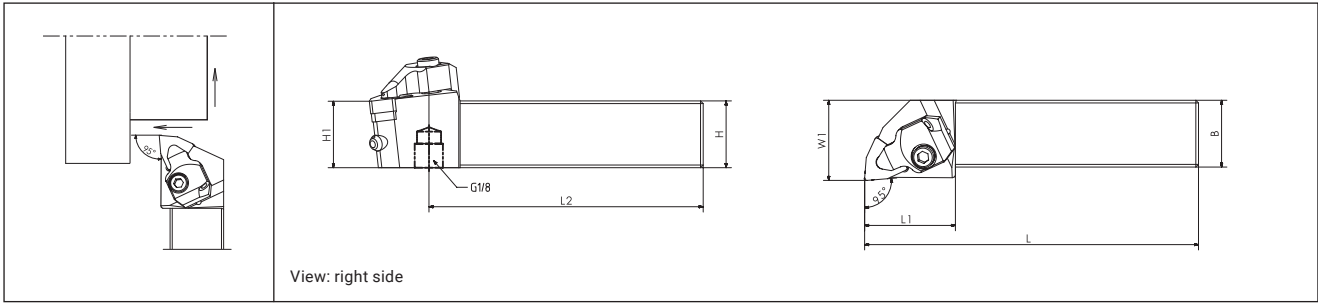
Coolant connection systems		
Code	Connection type	
RD10	G 1/8"	M8x1
RD11	G 1/8"	M10x1
RD12	G 1/8"	M5x0.8
RD13	G 1/8"	M6x1
RD14	G 1/8"	M8x1.25
RD15	G 1/8"	M10x1.5
RD16	G 1/8"	G 1/4" ELBOW 90
RD17	G 1/8"	G 1/2"
RD18	G 1/8"	G 1/8"

CERMETAL INSERTS						
	Type	Dimensions [mm]			Sort	
		I.C.	S	R	JG135	JG130
		CNMG 120404-SF	12.70	4.76	0.4	●
	CNMG 120408-SF	12.70	4.76	0.8	●	□

Speed Vc (m/min)

Grade	Low alloy steel carbon >150 HB	Low carbon steel >250 HB	Carbon steel >300 HB	Working range	Breaker shape
JG 130	150 – 250 – 350		140 – 240 – 300		
JG 135	100 – 220 – 320		120 – 180 – 240		

□ – product available on request



View: right side

Tool holder dimensions

Maximal coolant pressure: up to 10 bar

Item	Stock		Dimensions								Spare parts								
	R	L	H	H1	B	L	L1	W1	L2	Clamp		Screw	Screw-driver	Spring	Pipe connection	Shim	Shim screw	Screw-driver	Inserts
										DWR	DWL	SD52	KA40	S712	CP01	W08	SP36	KA20	
DWLN #/L 2020K-08HPC	●	●	20	20	20	125	34	25	105	DWR	DWL	SD52	KA40	S712	CP01	W08	SP36	KA20	WN..08..
2525M-08HPC	●	●	25	25	25	150	34	30	130	DWR	DWL	SD52	KA40	S712	CP01	W08	SP36	KA20	WN..08..

● Catalogue product

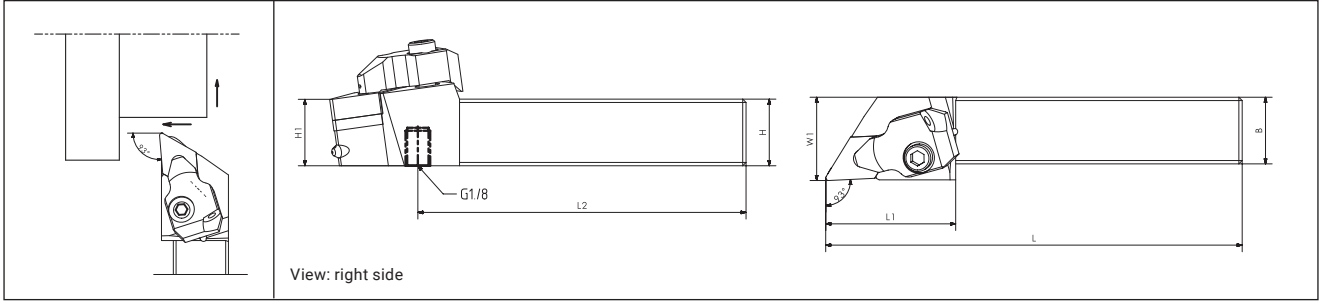
Coolant connection systems		
Code	Connection type	
RD10		G 1/8"
RD11		M8x1
RD12		G 1/8"
RD13		M10x1
RD14		G 1/8"
RD15		M5x0.8
RD16		G 1/8"
RD17		M6x1
RD18		G 1/8"
		M8x1.25
		M10x1.5
		G 1/4" ELBOW 90
		G 1/2"
		G 1/8"

CERMETAL INSERTS						
	Type	Dimensions [mm]			Sort	
		I.C.	S	R	JG135	JG130
	WNMG 080404-SF	9,53	4.76	0.4	●	□
WNMG 080408-SF	9,53	4.76	0.8	●	□	

Speed Vc (m/min)

Grade	Low alloy steel carbon >150 HB	Low carbon steel >250 HB	Carbon steel >300 HB	Working range	Breaker shape
JG 130	150 – 250 – 350		140 – 240 – 300		
JG 135	100 – 220 – 320		120 – 180 – 240		

□ – produkt dostępny na zapytanie



Tool holder dimensions

Maximal coolant pressure: up to 10 bar

Item	Stock		Dimensions							Spare parts								Inserts	
	R	L	H	H1	B	L	L1	W1	L2	Clamp		Screw	Screw-driver	Spring	Pipe connection	Shim	Shim screw		Screw-driver
										DDR	DDL	SD52	KA40	S712	CP01	D15	SP36		KA20
DDJN / L	●	●	20	20	25	125	41	25	98	DDR	DDL	SD52	KA40	S712	CP01	D15	SP36	KA20	DN..1506
2020K-15HPC	●	●	25	25	25	150	41	30	123	DDR	DDL								DN..1104
2525M-15HPC	●	●	20	20	25	125	41	25	98	DDR11	DDL11								
2020K-11HPC	●	●	25	25	25	150	41	30	123	DDR11	DDL11								
2525M-11HPC	●	●																	

● Catalogue product

Coolant connection systems

Code		Connection type	
RD10		G 1/8" K90	M8x1 K0
RD11		G 1/8" K90	M10x1 K0
RD12		G 1/8" K90	M5x0.8 K0
RD13		G 1/8" K90	M6x1 K0
RD14		G 1/8" K90	M8x1.25 K0
RD15		G 1/8" K90	M10x1.5 K0
RD16		G 1/8" K90	G 1/4" K90
RD17		G 1/8" K90	G 1/2" K0
RD18		G 1/8" K90	G 1/8" K90
RD19		G 1/8" K90	G 1/2" K0
RD20	G 1/8" K0	G 1/2" K0	

K0 - straight, K90 - angled 90 degrees

CERMETAL INSERTS

Type	Dimensions [mm]			Sort	
	I.C.	S	R	JG135	JG130
DNMG 150604-SF	12.70	6,35	0.4	●	□
DNMG 150608-SF	12.70	6,35	0.8	●	□
DNMG 110404-SF	9,525	4,76	0,4	●	□
DNMG110408-SF	9,525	4,76	0,4	●	□


Speed Vc (m/min)


Grade	Low alloy steel carbon >150 HB	Low carbon steel >250 HB	Carbon steel >300 HB	Working range	Breaker shape
JG 130	150 - 250 - 350		140 - 240 - 300		
JG 135	100 - 220 - 320		120 - 180 - 240		


□ - product available on request



 [www.jg-group.pl](http://www.jg-group.pl)

 JG Group Sp. z o.o.  
Headquarters and Production Plant  
ul. Braci Krausse 4, 20-270 Lublin

 Office: +48 81 468 00 30  
Fax: +48 81 746 57 88

 [biuro@jg-group.pl](mailto:biuro@jg-group.pl)  
[info@jg-group.pl](mailto:info@jg-group.pl)

NIP: 9462678267 | KRS: 0000717020 | REGON: 369388478



DISTRIBUTORS:

