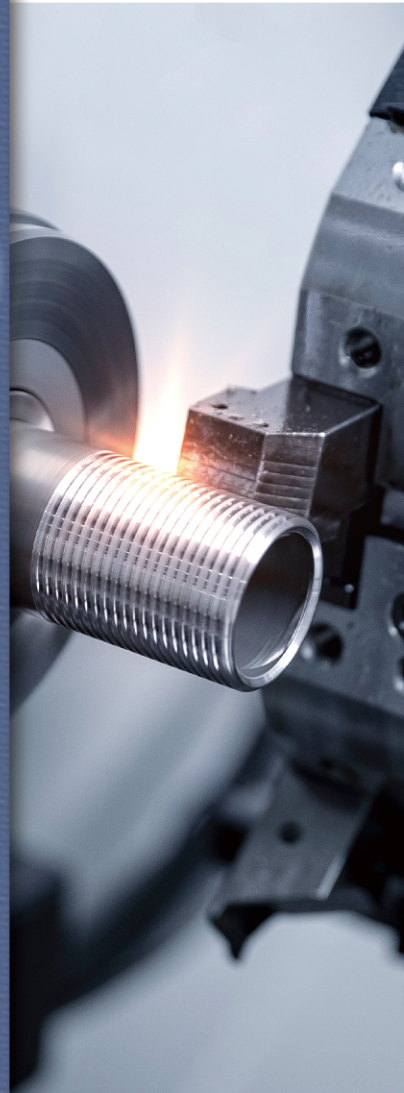


INSPIRE
CREATIVITY

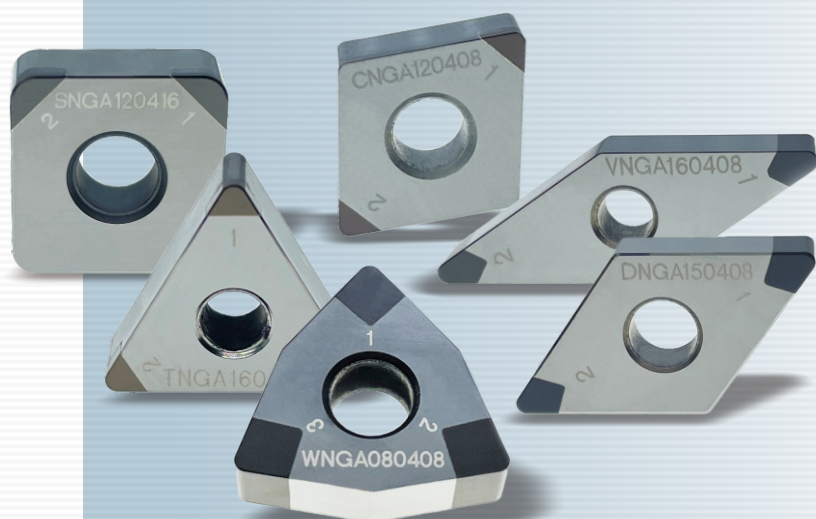
Turning

Cutting tools

Provide brilliant cutting tool solutions
to increase efficiency and reduce costs

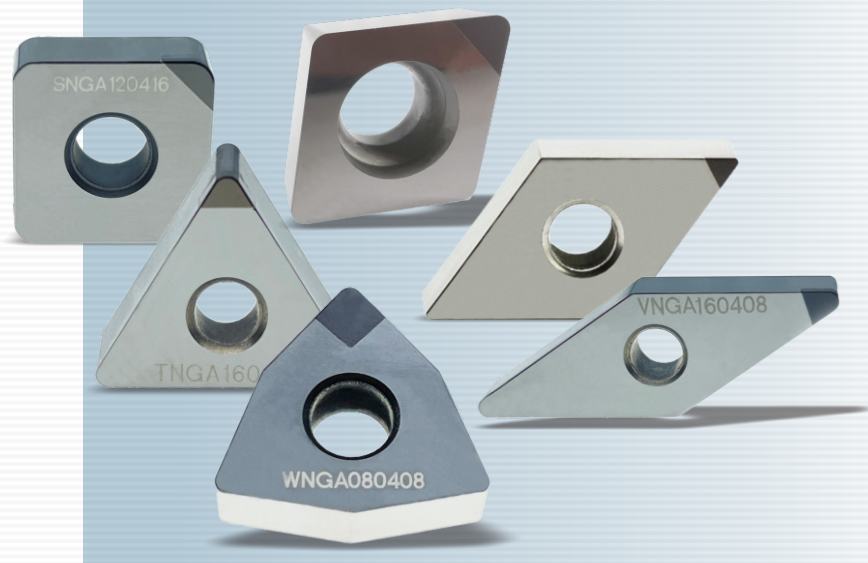


CBN (Cubic Boron Nitride) Insert Series



Type No.
Insert Structure
CBN Composite Welding Insert
TNGA1604□□-3N
TPGW0802□□-3N
TPGW0902□□-3N
TPGW1103□□-3N
TPGW1603□□-3N
TPGW1604□□-3N
WNGA0604□□-3N
WNGA0804□□-3N
DNGA1104□□-2N
DNGA1504□□-2N
DNGA1506□□-2N
DNGW0702□□-2N
DNGW1103□□-2N
VNGA1604□□-2N
VBGW1103□□-2N
VBGW1604□□-2N
VCGW0802□□-2N
VCGW1103□□-2N
VCGW1604□□-2N
CNGA1204□□-2N
CCGW0602□□-2N
CCGW09T3□□-2N
CCGW1204□□-2N
SNGA120404-2N
SNGA120408-2N
SNGA120412-2N

PCD (Poly Crystalline Diamond) Insert Series



Type No.
Insert Structure
PCD Composite Welding Insert
TNGA1604□□-1N
TPGW0802□□-1N
TPGW0902□□-1N
TPGW1103□□-1N
TPGW1603□□-1N
TPGW1604□□-1N
WNGA0604□□-1N
WNGA0804□□-1N
DNGA1104□□-1N
DNGA1504□□-1N
DNGA1506□□-1N
DNGW0702□□-1N
DNGW1103□□-1N
VNGA1604□□-1N
VBGW1103□□-1N
VBGW1604□□-1N
VCGW0802□□-1N
VCGW1103□□-1N
VCGW1604□□-1N
CNGA1204□□-1N
CCGW0602□□-1N
CCGW09T3□□-1N
CCGW1204□□-1N
SNGA120404-1N
SNGA120408-1N
SNGA120412-1N



JANPO PRECISION TOOLS CO., LTD.

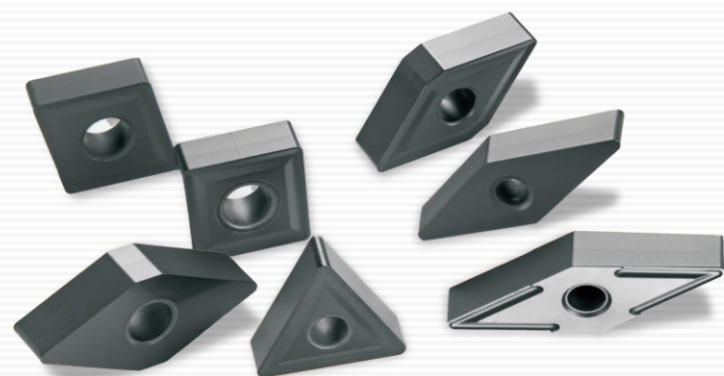
TEL : +886-4-7225168

FAX : +886-4-7238077

<http://www.cutters.com.tw>

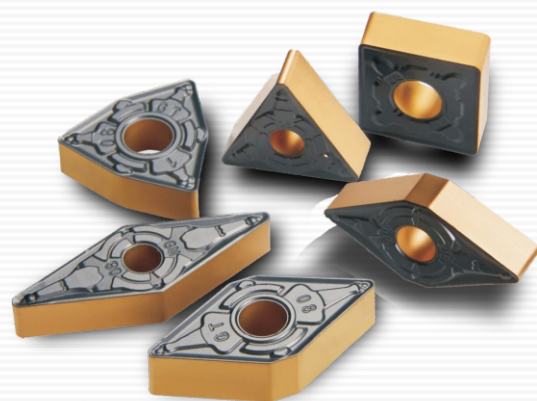
E-mail: janpo@cutters.com.tw

No. 37-5, Ln. 185, Zhongshan Rd., Hediao Vil., Changhua City, Changhua County 500, Taiwan(R.O.C.)



Insert for Internal Turning Series

P	Steel	TCMT1102□□	CCMT0602□□	DCMT0702□□
M	Stainless Steel	TCMT1102□□	CCMT0602□□	DCMT0702□□
K	Cast Iron	TCMT1102□□	CCMT0602□□	DCMT0702□□

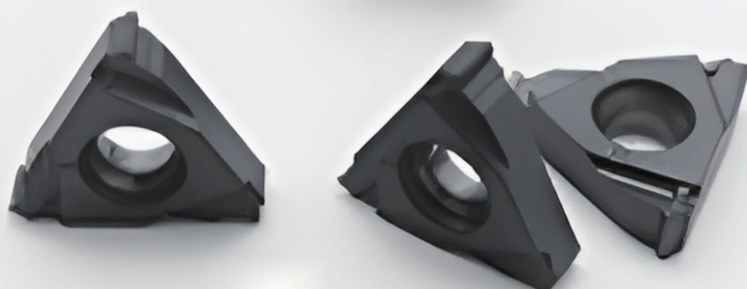


Insert for External Turning Series

P	Steel	TNMG1604□□	CNMG1204□□	WNMG0804□□
M	Stainless Steel	TNMG1604□□	CNMG1204□□	WNMG0804□□
K	Cast Iron	TNMG1604□□	CNMG1204□□	WNMG0804□□



Insert for Threading Turning Series



Model

11IR-A55	16ER/IR2.00ISO	16ER/IR18UN	16ER/IR10W
11IR-A60	16ER/IR2.50ISO	16ER/IR16UN	16ER/IR8W
11IR1.00ISO	16ER/IR3.00ISO	16ER/IR14UN	16ER/IR18NPT
11IR1.25ISO	16ER/IR-A55	16ER/IR12UN	16ER/IR14NPT
11IR1.50ISO	16ER/IR-A60	16ER/IR10UN	16ER/IR11.5NPT
11IR1.75ISO	16ER/IR-AG60	16ER/IR8UN	16ER/IR8NPT
11IR2.00ISO	16ER/IR-AG55	16ER/IR19W	16ER/IR28BSPT
16ER/IR1.00ISO	16ER/IR-G55	16ER/IR18W	16ER/IR19BSPT
16ER/IR1.25ISO	16ER/IR-G60	16ER/IR14W	16ER/IR14BSPT
16ER/IR1.50ISO	16ER/IR24UN	16ER/IR12W	16ER/IR11BSPT
16ER/IR1.75ISO	16ER/IR20UN	16ER/IR11W	

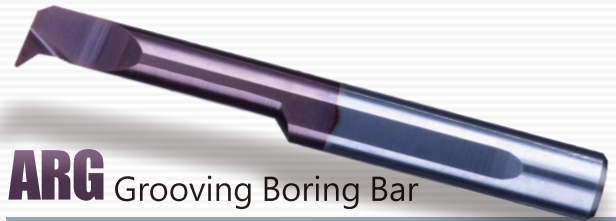
Tiny Grooving Carbide Boring Bar Series



ARQ Profiling Boring Bar

unit:mm

Type No.	Min Dia	Neck Length	Radius	Tip Distance	Processing Depth	Shank Dia	O.A.L.
ARQ1L4R005S	1	4	0.05	0.5	0.2	3	39
ARQ15L6R01S	1.5	6	0.1	0.7	0.3	3	39
ARQ2L10R005S	2.1	10	0.05	0.8	0.5	3	39
ARQ2L10R01S	2.1	10	0.1	0.8	0.5	3	39
ARQ2L5R015S	2.1	5	0.15	0.8	0.5	3	39
ARQ2L10R015S	2.1	10	0.15	0.8	0.5	3	39
ARQ3L10R005S	3.1	10	0.05	1.3	0.7	3	39
ARQ3L15R005S	3.1	15	0.05	1.3	0.7	3	39
ARQ3L15R01S	3.1	15	0.1	1.3	0.7	3	39
ARQ3L22R01S	3.1	22	0.1	1.3	0.7	3	50
ARQ3L10R02S	3.1	10	0.2	1.3	0.7	3	39
ARQ3L15R02S	3.1	15	0.2	1.3	0.7	3	39
ARQ3L22R02S	3.1	22	0.2	1.3	0.7	3	50
ARQ4L15R01S	4.1	15	0.1	1.7	0.8	4	50
ARQ4L22R005S	4.1	22	0.1	1.7	0.8	4	50
ARQ4L10R02S	4.1	10	0.2	1.7	0.8	4	50
ARQ4L15R02S	4.1	15	0.2	1.7	0.8	4	50
ARQ4L22R02S	4.1	22	0.2	2.1	0.8	4	50
ARQ5L22R01S	5.1	22	0.1	2.1	1.2	5	50
ARQ5L30R01S	5.1	30	0.1	2.1	1.2	5	75
ARQ5L15R02S	5.1	15	0.2	2.1	1.2	5	50
ARQ5L22R02S	5.1	22	0.2	2.1	1.2	5	50
ARQ5L30R02S	5.1	30	0.2	2.1	1.2	5	75
ARQ6L15R02S	6.1	15	0.2	2.8	1.4	6	50
ARQ6L22R02S	6.1	22	0.2	2.8	1.4	6	50
ARQ6L30R02S	6.1	30	0.2	2.8	1.4	6	75
ARQ8L15R02S	8.1	15	0.2	3.8	1.6	8	60
ARQ8L22R02S	8.1	22	0.2	3.8	1.6	8	60
ARQ8L35R02S	8.1	35	0.2	4.8	1.6	8	75
ARQ10L35R02S	10.1	35	0.2	4.8	2	10	75



ARG Grooving Boring Bar

unit:mm

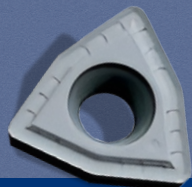
Type No.	Min Dia	Neck Length	Radius	Processing width	Tip Distance	Processing Depth	Shank Dia	O.A.L.
ARG3L10W07S	3.1	10	0.1	0.7	1.3	0.6	3	39
ARG4L10W1S	4.1	10	0.1	1	1.7	1	4	50
ARG4L10W15S	4.1	10	0.1	1.5	1.7	1	4	50
ARG4L15W1S	5.1	15	0.1	1	2.3	1.2	5	50
ARG5L15W15S	5.1	15	0.1	1.5	2.3	1.2	5	50
ARG5L15W2S	5.1	15	0.1	2	2.3	1.2	5	50
ARG6L15W1S	6.1	15	0.1	1	2.8	1.4	6	50
ARG6L15W15S	6.1	15	0.1	1.5	2.8	1.4	6	50
ARG6L15W2S	6.1	15	0.1	2	2.8	1.4	6	50
ARG8L22W1S	8.1	22	0.1	1	3.8	1.7	8	60
ARG8L22W15S	8.1	22	0.1	1.5	3.8	1.7	8	60
ARG8L22W2S	8.1	22	0.1	2	3.8	2.6	8	60



ARP Boring & Profiling Boring Bar

unit:mm

Type No.	Min Dia	Neck Length	Radius	Tip Distance	Processing Depth	Shank Dia	O.A.L.
ARP4L10R02S	4.1	10	0.2	1.8	0.8	4	50
ARP4L15R02S	4.1	15	0.2	1.8	0.8	4	50
ARP4L22R02S	4.1	22	0.2	1.8	0.8	4	50
ARP5L15R02S	5.1	15	0.2	2.3	1	5	50
ARP5L22R02S	5.1	22	0.2	2.3	1	5	50
ARP6L15R02S	6.1	15	0.2	2.8	1.4	6	50
ARP6L22R02S	6.1	22	0.2	2.8	1.4	6	50
ARP6L30R02S	6.1	30	0.2	2.8	1.4	6	60
ARP8L22R02S	8.1	22	0.2	3.8	1.6	8	60
ARP8L27R02S	8.1	27	0.2	3.8	2	8	60



Type No.	Dimensions(mm)				
	IC	S	RE	D1	AN
WCMX030204-DX	5.56	2.38	0.4	2.55	7°
WCMX030208-DX	5.56	2.38	0.8	2.55	7°
WCMX040204-DX	6.35	2.38	0.4	2.80	7°
WCMX040208-DX	6.35	2.38	0.8	2.80	7°
WCMX050308-DX	7.94	3.18	0.8	3.20	7°
WCMX06T308-DX	9.525	3.97	0.8	3.70	7°
WCMX080412-DX	12.70	4.76	1.2	4.30	7°

WCMX drill 2D/3D Rapid Drill

Specifications	Insert
φ14 ~ 19.5mm	WCMX030208
φ20 ~ 23.5mm	WCMX040208
φ24 ~ 25mm	WCMX050308
φ25.5 ~ 30mm	WCMX050308
φ31 ~ 35mm	WCMX06T308
φ35.5 ~ 41mm	WCMX06T308
φ42 ~ 45mm	WCMX080412
φ46 ~ 50mm	WCMX080412
φ51 ~ 55mm	WCMX080412
φ56 ~ 60mm	WCMX080412



Type No.	Dimensions(mm)				
	IC	S	RE	D1	AN
SPMG050204DG-DX	5.00	2.38	0.4	2.25	14°
SPMG060204DG-DX	6.00	2.38	0.4	2.61	14°
SPMG07T308DG-DX	7.94	3.97	0.8	2.85	15.5°
SPMG090408DG-DX	9.80	4.30	0.8	4.05	17.5°
SPMG110408DG-DX	11.50	4.80	0.8	4.50	16.5°

SPMG drill 2D/3D Rapid Drill

Specifications	Insert
φ12.5 ~ 15.5mm	SPMG0502
φ16 ~ 20mm	SPMG0602
φ20.5 ~ 21.5mm	SPMG0602
φ22 ~ 25mm	SPMG07T3
φ25.5 ~ 27.5mm	SPMG07T3
φ28 ~ 30mm	SPMG0904
φ30.5 ~ 33.5mm	SPMG0904
φ34 ~ 35mm	SPMG1104
φ36 ~ 40mm	SPMG1104
φ41mm	SPMG1104

Rapid Drill Series



Parting and Grooving Turning Series

2mm.3mm.4mm

Processing Type	Type No.	Dimensions(mm)			
		INSL	CW	S	RE
Grooving and parting	QCMB2002-GT	16.0	2.0	3.55	0.2
	QCMB3002-GT	21.0	3.0	4.86	0.2
	QCMB4002-GT	21.0	4.0	4.86	0.2
	QCMB5003-GT	26.0	5.0	5.80	0.3
Grooving	QCKB2002	16.0	2.0	3.55	0.2
	QCKB3004	21.0	3.0	4.86	0.4
	QCKB4004	21.0	4.0	4.86	0.4
	QCKB5008	26.0	5.0	5.80	0.8
Grooving and horizon turning	CCMR20N2-CT	16.0	2.0	3.55	0.2
	QCMB3004-CT	21.0	3.0	4.86	0.4
	QCMB4004-CT	21.0	4.0	4.86	0.4
	QCMB5008-CT	26.0	5.0	5.80	0.8

One tool holder match
One box of inserts

External Parting Tool Holder	Dimensions	Max Depth of Cut	Type No.
MGEHR	2020-1.5	15	MGEHR2020-1.5
	2525-1.5	15	MGEHR2525-1.5
	2020-2	15	MGEHR2020-2
	2525-2	15	MGEHR'2525-2
	2020-3	19	MGEHR'2020-3
	2525-3	19	MGEHR'2525-3
	2020-3	25	MGEHR'2020-3
	2525-3	25	MGEHR'2525-3
	2020-4	19	MGEHR'2020-4
	2525-4	19	MGEHR'2525-4
	2020-4	25	MGEHR'2020-4
	2525-4	25	MGEHR'2525-4
	2020-3T10	10	MGEHR'2020-3
	2525-3T10	10	MGEHR'2525-3
	2020-4T10	10	MGEHR'2020-4
	2525-4T10	10	MGEHR'2525-4

One tool holder match
One box of inserts

Internal Grooving Tool Holder	Dimensions	Max Depth of Cut	Type No.
MGIVR	2016-1.5	4	MGIVR2016-1.5
	2520-1.5	4	MGIVR2520-1.5
	2925-1.5	4	MGIVR2925-1.5
	2016-2	5	MGIVR'2016-2
	2520-2	5	MGIVR'2520-2
	2925-2	5	MGIVR'2925-2
	2520-3	6	MGIVR'2520-3
	3125-3	6	MGIVR'3125-3
	3732-3	6	MGIVR'3732-3
	2520-4	6	MGIVR'2520-4
	3125-4	6	MGIVR'3125-4
	3732-4	6	MGIVR'3732-4

TGF32 Grooving Insert

Insert	Right Hand	Left Hand	W	B	r
TGF32R100	TGF32L100		1.0	2.2	0.1
TGF32R150	TGF32L150		1.5	2.4	0.1
TGF32R175	TGF32L175		1.75	2.4	0.1
TGF32R200	TGF32L200		2.0	2.7	0.15
TGF32R250	TGF32L250		2.5	3.0	0.15

DBA43 Grooving Insert

Insert	Right Hand	Left Hand	W	B	r
DBA43R100	DBA43L100		1.0	2.5	0.1
DBA43R150	DBA43L150		1.5	3.0	0.1
DBA43R200	DBA43L200		2.0	3.5	0.2
DBA43R250	DBA43L250		2.5	4.2	0.2
DBA43R300	DBA43L300		3.0	4.6	0.3
DBA43R350	DBA43L350		3.5	4.8	0.3
DBA43R400	DBA43L400		4.0	4.8	0.3
DBA43R450	DBA43L450		4.5	5.0	0.3
DBA43R500	DBA43L500		5.0	5.0	0.3

Parting and Grooving Turning Series

TGF32 External Grooving Tools

One tool holder match
One box of inserts

Toolholder Type	Insert Type	Dimensions(mm)						Insert Screw	Torx Key
		h	B	H	F	L	H1		
TKGFR	1010K-16F	10	10	10	10	125	2	L60M4*10	T-15
	1212K-16F	12	12	12	12	125	-		
	1212M-16F	12	12	12	12	150	-		
	1616M-16F	16	16	16	16	150	-		
	1212H-16	12	12	12	16	100	-		
	1616H-16	16	16	16	20	100	-		
	2020K-16	20	20	20	25	125	-		
	2525M-16	25	25	25	30	150	-		
TKGFL	1010K-16F	10	10	10	10	125	2	L60M4*10	T-15
	1212K-16F	12	12	12	12	125	-		
	1212M-16F	12	12	12	12	150	-		
	1616M-16F	16	16	16	16	150	-		
	1212H-16	12	12	12	16	100	-		
	1616H-16	16	16	16	20	100	-		
	2020K-16	20	20	20	25	125	-		
	2525M-16	25	25	25	30	150	-		

TGF32/DBA43 Internal Grooving Tools

TGF32 One tool holder match
One box of inserts

DBA43 One tool holder match
One box of inserts

Toolholder Type	Insert Type	Dimensions(mm)					Insert Screw	Torx Key
		Dmin	T	D	H	L		
S16K-SRTGF3219	TGF32L□□	19		16	15	125	L60M4*10	T-15
S20M-SRTGF3223		23	2.5	20	19	150		
S25Q-SRTGF3227		27		25	23	180		
S25R-SRDBA4329	DBA43L□□	29		25	23	200	L60M5*11	T-20
S32S-SRDBA4335		35	4.5	32	30	250		

DBA43 External Grooving Tools

One tool holder match
One box of inserts

Toolholder Type	Insert Type	Dimensions (mm)							Insert Screw	Torx Key	Clamp	Clamp Screw	Hew Wrench
		h	b	H	F	L	H1	T					
TKGBAR	2020K22-35	DBA43R075~320	20	20	20	25	125	4	L60M5x11	T-20	HL1814	ML0625	S2.5
	2525M22-35	DBA43R075~320	25	25	25	32	150	4					
	2020K22-52	DBA43R325~520	20	20	20	25	125	4					
	2525M22-52	DBA43R325~520	25	25	25	32	150	4					
	3232P22-52	DBA43R325~520	32	32	32	40	170	4					
TKGBAL	2020K22-35	DBA43L075~320	20	20	20	25	125	4	L60M5x11	T-20	HL1814	ML0625	S2.5
	2525M22-35	DBA43L075~320	25	25	25	32	150	4					
	2020K22-52	DBA43L325~520	20	20	20	25	125	4					
	2525M22-52	DBA43L325~520	25	25	25	32	150	4					
	3232P22-52	DBA43L325~520	32	32	32	40	170	4					