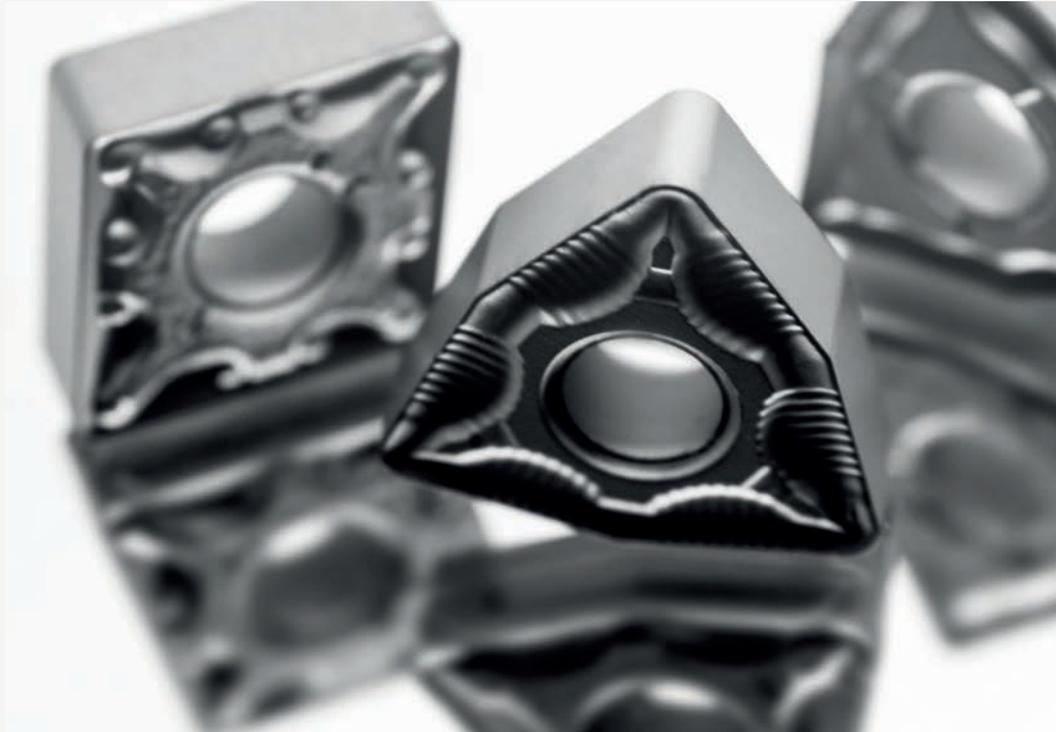


GENERAL PRODUCT CATALOGUE

ToolingBox[®]

CUTTING TOOLS FOR CARBIDE INSERT



www.toolingbox.com

We supply inserts for the world

2010 Foundation by Mr Haoxiang Xu&Mr. Huidong Yuan.

2010 Start of the trading business for cutting tools with 5 employees

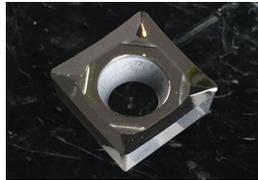
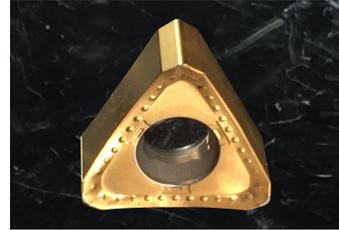
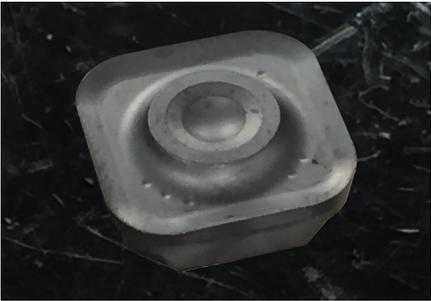
2012 Start of the own grinding machine to produce Solid CBN inserts in Yanjiao town, Beijing.

2013 Export quota of solid CBN products reached 50% for the first time.

2015 Establish a joint venture company in Chengdu city to produce tungsten carbide cutting tools .Our total production area is now 13.500 sqm.

2016 We keep growing with our new product range for carbide inserts

2017 Export quota of solid CBN products and carbide inserts products reached 80%.



MILLING

ISO CODES

1 S FORM	
	A 85°
	B 82°
	C 80°
	D 55°
	E 75°
	H 120°
	K 55°
	L 90°
	M 86°
	O 135°
	P 108°
	R 360°
	S 90°
	T 60°
	V 35°
	W 80°

2 D ANGLE	
	A 3°
	B 5°
	C 7°
	D 15°
	E 20°
	F 25°
	G 30°
	H 13°
	N 0°
	P 11°

3 M TOLERANCE			
			
	d	m	s
A mm	±0,025	±0,005	±0,025
C mm	±0,025	±0,013	±0,025
E mm	±0,025	±0,025	±0,025
F mm	±0,025	±0,005	±0,025
G mm	±0,013	±0,025	±0,013
H mm	±0,025	±0,013	±0,025
J mm	±0,013	±0,005	±0,025
K mm	*	±0,013	±0,025
L mm	*	±0,025	±0,025
M mm	*	*	±0,127
U mm	*	*	±0,127
N mm	*	*	±0,025

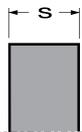
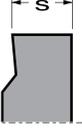
4 T INSERT HOLE OR BREAKER

	A
	B 70°-90°
	C 70°-90°
	F
	G
	H 70°-90°
	J 70°-90°
	M
	N
	Q 40°-60°
	R
	T 40°-60°
	U 40°-60°
	W 40°-60°
Special Product	X

5 12 CUTTING LENGTH

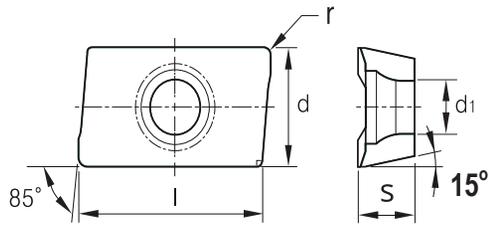
	C, D, E, M, V
	H
	A, B, K
	L
	O
	P
	R
	S
	T
	W

6 04 THICKNESS

	A, B, C, N, O, W
	H, M, R, T
	F, G, J, U

01	=	1,588
T1	=	1,984
02	=	2,381
03	=	3,175
T3	=	3,969
04	=	4,763
05	=	5,556
06	=	6,350
07	=	7,938
09	=	9,525
11	=	11,113
12	=	12,700
14	=	14,288
15	=	15,875

ADKT



GRADES
TB 1250
TB1255
TB 855

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
ADKT 150508 PDR	9,65	14,20	5,65	0,80	4,45
ADKT 150508 ALU	9,65	14,20	5,65	0,80	4,45

ADKT 1505 PDR
TB 1250

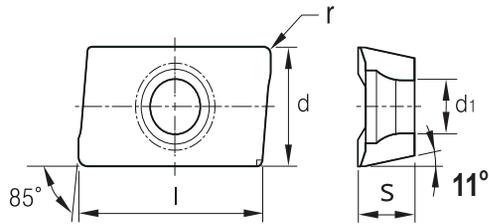
ADKT 1505 PDR
TB 1255

ADKT 150508 ALU
TB 855



Grade

	TB 1250	TB 1255	TB 855
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



GRADES
TB1250
TB1255

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
APCT 113508 PDR	6,20	11,30	3,50	0,80	3,00

APCT 113508 PDR
TB1250

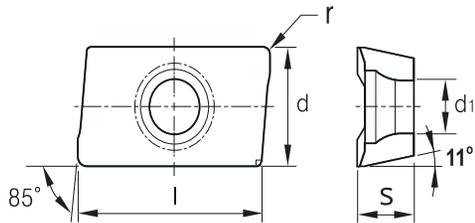
APCT 113508 PDR
TB 1255

- Steel
- Stainless
- Cast Iron
- Aluminum
- Special Alloy
- Hardened Steel

TB 1250	TB 1255
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

APKT

Grade



GRADES

TB 1250

APKT 100305 CM / CF - 100308 CM - 100312 CR

TB 1255

APKT 100305 CM / CF - 100308 CM - 100312 CR

CODE	d (mm)	l (mm)	s (mm)	r (mm)	d1 (mm)
APKT 100305 PDRCF	6,65	10,50	3,47	0,50	3,20
APKT 100305 PDRCM	6,65	10,50	3,47	0,50	3,20
APKT 100308 PDR CM	6,65	10,50	3,47	0,80	3,20
APKT 100312 PDR CR	6,65	10,50	3,47	1,20	3,20

APKT 100305 CF
TB 1255

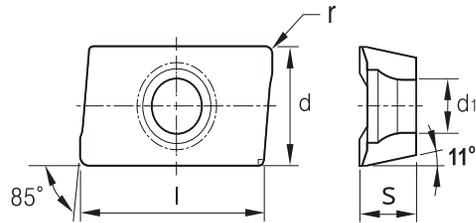
APKT 100305 CM
TB1255

APKT 100308 CM
TB 1255

APKT 100312 CR
TB 1255

TB 1250
TB 1255

Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB 1250

APKT 16 CM - 08 - 16

TB 1255

APKT 17

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
APKT 160408 PDR CM	9,45	16,80	5,70	0,80	4,70
APKT 160416 PDR CR	9,45	16,80	5,70	1,60	4,70
APKT 170408 PDR	10,70	18,50	5,70	0,80	4,70

APKT 160408PDR CM
TB 1255

APKT 160416 PDR CR
TB 1255



APKT 170408 PDR
TB 1250

Steel

Stainless

Cast Iron

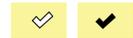
Aluminum

Special Alloy

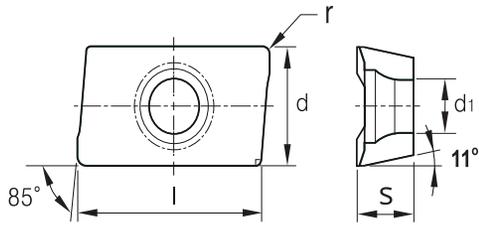
Hardened Steel

TB 1250

TB 1255



APXT



GRADES

TB 1250

TB 1255

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
APXT 100308 PDR	6,30	11,30	3,50	0,80	3,00

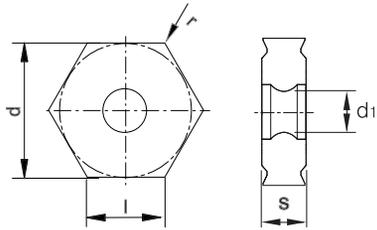
APXT 1003 PDR
TB 1250

APXT 1003 PDR
TB 1255

TB 1250

TB 1255

Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB1255HNMX10

TB1250HNMX10

TB1255HNMX09

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
HNMX 100610 ANTN	19,00	10,00	6,34	1,00	6,29
HNMX 090610 ENACM	15,80	9,00	6,35	1,00	5,20

HNMX 100610 ANTN
TB 1255

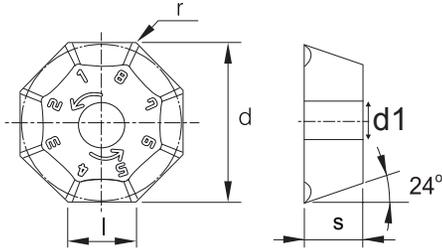
HNMX 090610 ENACM
TB 1255



- Steel
- Stainless
- Cast Iron
- Aluminum
- Special Alloy
- Hardened Steel

TB 1250	TB 1255
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

OFCR



GRADES

TB 1250

TB 1255

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
OFCR 070410 CM	18,00	7,00	5,55	1,00	2,10

OFCR 070410 CM
TB 1250



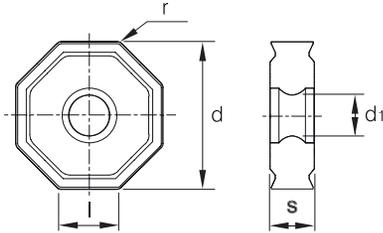
OFCR 070410 CM
TB 1255



TB 1250

TB 1255

Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB 1250

TB 1255

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
ONMU 050505	13,00	5,00	5,55	0,50	5,70

CM

ONMU 0505 CM
TB 1250

ONMU 0505 CM
TB 1255

Steel

Stainless

Cast Iron

Aluminum

Special Alloy

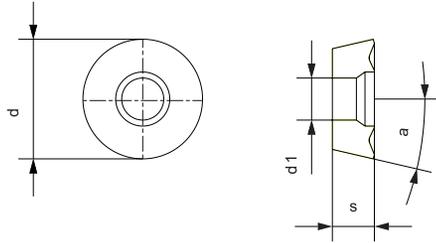
Hardened Steel

TB 1250

TB 1255



RHKT



GRADES

TB 1255 - 1250

RHKT 1605 M0TN

TB 1255 - 1250

RHKT 1205 M0TN

TB 1255 - 1250

RHKT 10T3 M0TN

CODE	d (mm)	a (mm)	s(mm)	r(mm)	d1 (mm)
RHKT 1605 M0TN	16,00	13,00	5,20	8,00	5,60
RHKT 1205 M0TN	12,00	13,00	4,76	6,00	4,40
RHKT 10T3 M0TN	10,00	13,00	3,80	5,00	4,40

RHKT 1605 M0TN
TB 1255

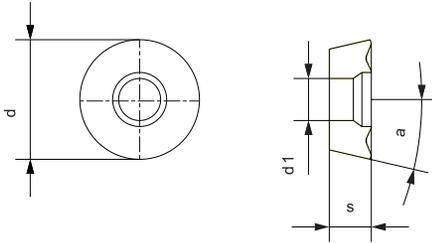
RHKT 1205 M0TN
TB 1255

RHKT 10T3 M0TN
TB 1255

TB 1250

TB 1255

Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB 1250

RHKW 05

TB 1255 - 1250

RHKW 08

TB 1250 - 1255

RHKW 10

TB 1255 - 1250

RHKW 12

CODE	d (mm)	a(mm)	s(mm)	r(mm)	d1 (mm)
RHKW 0501 M0TN	5,00	13,00	1,50	2,50	2,20
RHKW 0802 M0TN	8,00	13,00	2,60	4,00	3,70
RHKW 10T3 M0TN	10,00	13,00	3,80	5,00	4,40
RHKW 1204 M0TN	12,00	13,00	4,76	6,00	4,40

RHKW 0501 M0TN
TB 1255

RHKW 0802 M0TN
TB 1255

RHKW 10T3 M0TN
TB 1255

RHKW 1204 M0TN
TB1255

Steel

Stainless

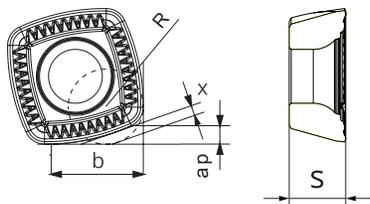
Cast Iron

Aluminum

Special Alloy

Hardened Steel

	TB 1250	TB 1255
Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB 1250 - 1255

SDMT 07 - CM - CR

TB 1250 - 1255

SDMT 09 - CM - CR - CF

TB 1250 - 1255

SDMT 12 CM - CR

CODE	d (mm)	R (mm)	b(mm)	ap(mm)	x (mm)	s (mm)
SDMT 070308 CM	7,94	1,60	6,20	0,80	0,14	3,17
SDMT 070308 CR	7,94	1,60	6,20	0,80	0,14	3,17
SDMT 09T312 CF	9,52	2,20	7,40	1,40	0,90	3,97
SDMT 09T312 CM	9,52	2,20	7,40	1,40	0,90	3,97
SDMT 09T312 CR	9,52	2,20	7,40	1,40	0,90	3,97
SDMT 09T312 CH	9,52	2,20	7,40	1,40	0,90	3,97
SDMT 120520 CM	12,70	3,70	9,00	1,80	1,10	5,55
SDMT 120520 CR	12,70	3,70	9,00	1,80	1,10	5,55

SDMT
070308CR
TB 1255

SDMT
070308CM
TB 1250

SDMT
09T312CR
TB 1255

SDMT
09T312CH
TB 1255

NEW

SDMT
09T312CM
TB 1255

SDMT
09T312CF
TB 1255

NEW

SDMT
120520CM
TB 1255

SDMT
120520CR
TB 1255

NEW

Steel

Stainless

Cast Iron

Aluminum

Special Alloy

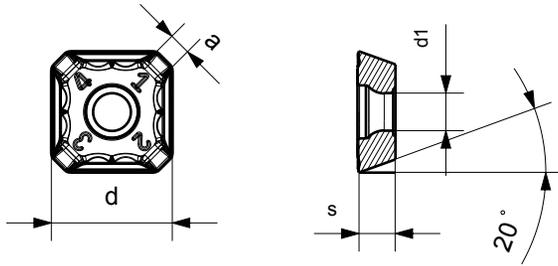
Hardened Steel

TB 1250

TB 1255



SEKT



GRADES

KLP 1250

KLP 1255

CODE	d (mm)	a(mm)	s(mm)	r(mm)	d1 (mm)
SEKT 12T3 AFTN-CM	13,40	2,20	3,96	0,60	4,20

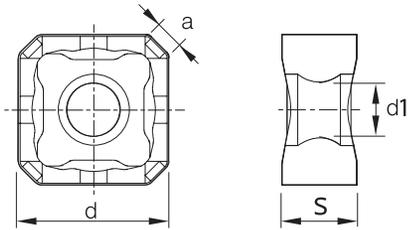
SEKT 12T3 AFTN CM
TB 1250



SEKT 12T3 AFTN CM
TB 1255



	TB 1250	TB 1255
Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB 1250

SNMX12

TB 1255

SNMX12

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
SNMX 120608 ANN	12,70	12,70	6,35	0,80	4,40
SNMX 120608 ENN	12,70	12,70	6,35	0,80	5,20

SNMX 120608 ANN
TB 1250

SNMX 120608 ENN
TB 1250



SNMX 120608 ANN
TB 1255

SNMX 120608 ENN
TB 1255



Steel

Stainless

Cast Iron

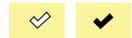
Aluminum

Special Alloy

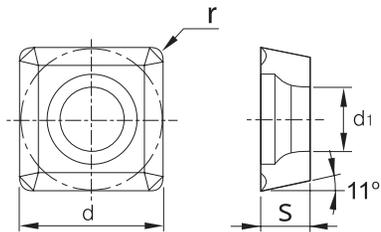
Hardened Steel

TB 1250

TB 1255



SPMG



GRADES

TB 1250

SPMG 05

TB 1250

SPMG 06

TB 1250

SPMG 07

TB 1250

SPMG 09

TB 1250

SPMG 11

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
SPMG 050204	5,00	5,00	2,38	0,40	2,20
SPMG 060204	6,00	6,00	2,38	0,40	2,70
SPMG 07T308	8,00	7,00	3,97	0,80	2,80
SPMG 090408	9,80	9,80	4,30	0,80	3,70
SPMG 110408	11,50	11,50	4,98	0,80	4,20

SPMG 050204
TB 1250

SPMG 060204
TB 1250

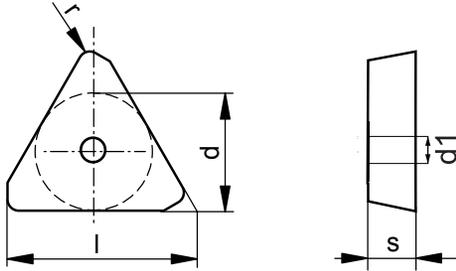
SPMG 07T308
TB 1250

SPMG 090408
TB 1250

SPMG 110408
TB 1250

TB 1250

Steel	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>



GRADES

TB 1255

TPKN 16

TB 1255

TPKN 22

TB 1275

TPKN 16

TB 1275

TPKN 22

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
TPKN 1603	9,52	16,50	3,18	0,20	2,50
PPTN TPKN 2204	12,70	22,00	4,76	0,60	2,50

PPTN

TPKN 1603 PPTN
TB 1255

TPKN 2204 PPTN
TB 1255

TPKN 1603 PPTN
TB 1275

TPKN 2204 PPTN
TB 1275

Steel

Stainless

Cast Iron

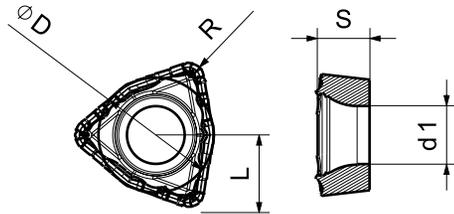
Aluminum

Special Alloy

Hardened Steel

	TB 1250	TB 1255	TB 1275
Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

WCMX



GRADES

TB 1255

WCMX 03

TB 1255

WCMX 04

TB 1255

WCMX 05

TB 1255

WCMX 06

CODE	L(mm)	R (mm)	D(mm)	S(mm)	d1 (mm)
WCMX 030208	3,70	0,80	5,52	2,50	2,80
WCMX 040208	4,30	0,80	6,32	2,50	3,10
WCMX 050308	5,40	0,80	7,90	3,40	3,40
WCMX 06T308	6,50	0,80	9,52	3,97	3,70

WCMX 030208

TB 1255



WCMX 040208

TB 1255



WCMX 050308

TB 1255



WCMX 06T308



TB 1255

Steel	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>
Hardened Steel	<input type="checkbox"/>

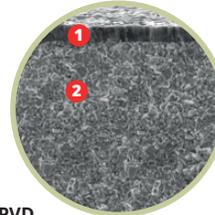
NANO PVD COATED GRADES

NEW GRADE

TB 1255

AlTiN coated special quality produced for high performance and long-lasting tool life. Compatible with high quality steels, increased heat resistance and higher cutting speeds.

P05 - P25



- 1 PVD
- 2 ALT YAPI / INFRASTRUCTURE



TB1250

NANO - PVD coated grade offering a very high resistance against erosion. Especially in final operations, this grade enables rigid fitted steel parts processed through high speed cutting.

P05 - P15

TB 1280

NANO - PVD coated grade extended for general purposes, offering a good performance from medium to lower cutting speeds. Designed for excellent corner endurance and high resistance against erosion. An ideal grade for longer length fitting and impact cut steel processes.

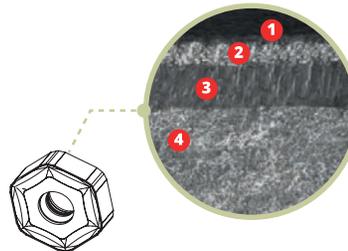
P25 - P35

MT-CVD GRADES

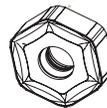
TB 2460

NANO CVD coated grade with high resistance against impact and erosion. It is designed for cast material processing.

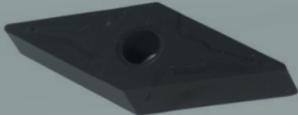
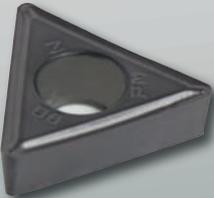
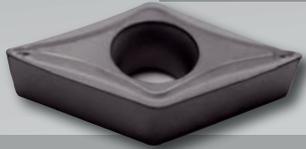
K10 - K25



- 1 TM
- 2 AlO3
- 3 MTTCN
- 4 ALT YAPI / INFRASTRUCTURE



TURNING



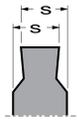
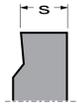
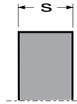
ISO CODES

1 W <small>FORM</small>	
	A 85°
	B 82°
	C 80°
	D 55°
	E 75°
	H 120°
	K 55°
	L 90°
	M 86°
	O 135°
	P 108°
	R 360°
	S 90°
	T 60°
	V 35°
	W 80°

2 N <small>ANGLE</small>	
	A 3°
	B 5°
	C 7°
	E 20°
	F 25°
	P 11°

3 M <small>TOLERANCE</small>			
	d m s		
A mm	±0,025	±0,005	±0,025
C mm	±0,025	±0,013	±0,025
E mm	±0,025	±0,025	±0,025
F mm	±0,025	±0,005	±0,025
G mm	±0,013	±0,025	±0,013
H mm	±0,025	±0,013	±0,025
J mm	±0,013	±0,005	±0,025
K mm	*	±0,013	±0,025
L mm	*	±0,025	±0,025
M mm	*	*	±0,127
U mm	*	*	±0,127
N mm	*	*	±0,025

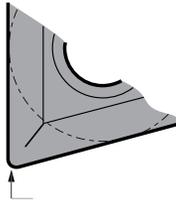
4 G <small>INSERT HOLE OR BREAKERS</small>	
	A
	B 70-90°
	C 70-90°
	F
	G
	H 70-90°
	J 70-90°
	M
	N
	Q 40-60°
	R
	T 40-60°
	U 40-60°
	W 40-60°
	X Special Product

5 08 CUTTING LENGTH**C, D, E,
M, V****H****A, B, K****L****O****P****R****S****T****W****6 04** THICKNESS

01	=	1,588
T1	=	1,984
02	=	2,381
03	=	3,175
T3	=	3,969
04	=	4,763
05	=	5,556
06	=	6,350
07	=	7,938
09	=	9,525
11	=	11,113
12	=	12,700
14	=	14,288
15	=	15,875

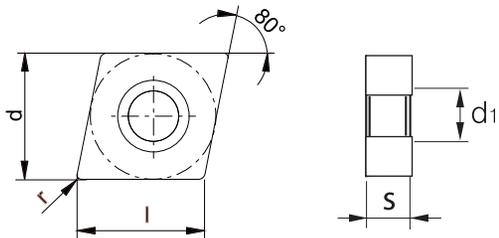
7 08 EDGE RADIUS

01	=	0,1
02	=	0,2
04	=	0,4
08	=	0,8
12	=	1,2
16	=	1,6
20	=	2,0

**8 NM** GEOMETRI
GEOMETRIES

PM
PF
NF
NF1
NM
NM1
NR
NR1
A

CNMA - CNMG



GRADES

TB 2355 - 2365

CNMG16

TB 2175 - 2185

CNMG16

TB 2355 - 2365

CNMG19

TB 2175 - 2185

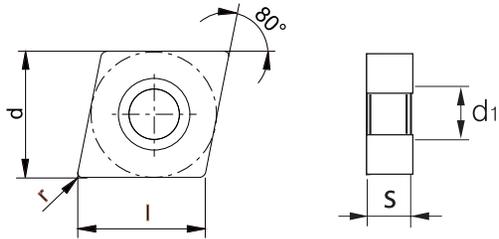
CNMG19

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
CNMA 190612 A	15,9	16,12	6,35	1,20	6,30
CNMG 190612 NR	15,9	16,12	6,35	1,20	6,30
CNMA 160616 A	15,9	16,12	6,35	1,60	6,30
CNMG 160616 NR	15,9	16,12	6,35	1,60	6,30
CNMA 160612 A	19,05	19,60	6,35	1,20	8,10
CNMG 160612 NR	19,05	19,60	6,35	1,20	8,10

A
TB 2355

NR
TB 2175

	TB 1550	TB 2175	TB 2185	TB 2355	TB 2365
Steel	<input checked="" type="checkbox"/>				
Stainless	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast Iron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>				
Special Alloy	<input type="checkbox"/>				
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



GRADES

TB 2175 - 2185

NF - NM1 - NR

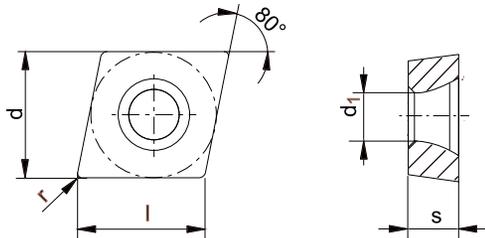
TB 2355 - 2365

TB 1550

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
CNMA 120408 NF	12,7	12,90	4,76	0,80	5,20
CNMG 120408 NM	12,7	12,90	4,76	0,40	5,20
CNMG 120408 NM1	12,7	12,90	4,76	0,40	5,20
CNMG 120408 NR	12,7	12,90	4,76	0,40	5,20
CNMG 120408 A	12,7	12,90	4,76	0,80	5,20
CNMG 120412 A	12,7	12,90	4,76	0,80	5,20
CNMG 120412 NR	12,7	12,90	4,76	0,80	5,20



	TB 1550	TB 2175	TB 2185	TB 2355	TB 2365
Steel	✓	✓	✓	✓	✓
Stainless	✓				
Cast Iron				✓	✓
Aluminum					
Special Alloy					
Hardened Steel		✓		✓	



GRADES

TB 1150

CCMT 06

TB 1150

CCMT 09

TB 1150

CCMT 12

TB 2175 - 85

CCMT 06

TB 2175 - 85

CCMT 09

TB 2175 - 85

CCMT 12

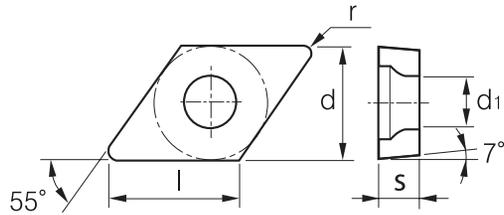
CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
CCMT 0602004 RF	6,35	6,45	2,38	0,40	2,81
CCMT 060204 PM	6,35	6,45	2,38	0,40	2,81
CCMT 09T304 PF	9,52	9,67	3,97	0,40	4,40
CCMT 09T304 PM	9,52	9,67	3,97	0,40	4,40
CCMT 09T308 PF	9,52	9,67	3,97	0,80	4,40
CCMT 09T308 PM	9,52	9,67	3,97	0,80	4,40
CCMT 120408 PF	12,07	12,09	4,76	0,80	5,50
CCMT 120408 PM	12,07	12,09	4,76	0,80	5,50

CCMT 060204 PF **CCMT 060204 PM** **CCMT 09T304 PF** **CCMT 09T304 PM** **CCMT 09T308 PF** **CCMT 09T308 PM** **CCMT 120408 PF** **CCMT 120408 PM**
TB 1150 *TB 1150*



TB 1150 **TB 2175** **TB 2185** **TB 2355** **TB 2365**

Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>				
Special Alloy	<input type="checkbox"/>				
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



GRADES

TB 1150

DCMT 07

TB 1150

DCMT 11

TB 2175 - 2185

DCMT 07

TB 2175 - 2185

DCMT 11

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
DCMT 070202 PF	6,35	7,75	2,38	0,20	2,81
DCMT 070202 PM	6,35	7,75	2,38	0,20	2,81
DCMT 070204 PF	6,35	7,75	2,38	0,40	2,81
DCMT 070204 PM	6,35	7,75	2,38	0,40	2,81
DCMT 11T304 PF	9,52	11,63	3,97	0,40	4,40
DCMT 11T304 PM	9,52	11,63	3,97	0,40	4,40
DCMT 11T308 PF	9,52	11,63	3,97	0,80	4,40
DCMT 11T308 PM	9,52	11,63	3,97	0,80	4,40

DCMT 070202 PM
TB 1150

DCMT 11T308 PM
TB 1150

DCMT 11T304 PM
TB 1150

DCMT 070202 PF
TB 1150

DCMT 11T308 PF
TB1150

DCMT 11T304 PF
TB 1150

Steel

Stainless

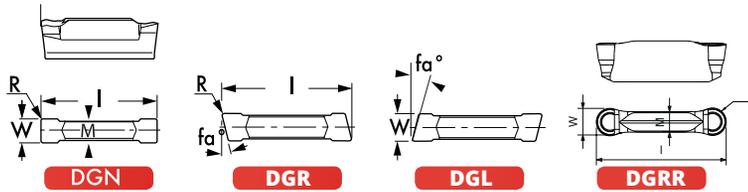
Cast Iron

Aluminum

Special Alloy

Hardened Steel

	TB 1150	TB 2175	TB 2185	TB 2355	TB 2365
Steel	✓	✓	✓	✓	✓
Stainless	✓				
Cast Iron	✓			✓	✓
Aluminum					
Special Alloy					
Hardened Steel		✓		✓	



GRADES

TB 1550

DGN 2102

TB 1550

DGN 3102

TB 1550

DGR 3102 - DGL 3102

TB 1550

DGN 4003 - DGN 4040

CODE	W	l (mm)	R	M	fa°
DGN 2002	2.00	19.90	0.20	1.70	--
DGN 3102	3.10	20.00	0.20	2.40	--
DGR 3102	3.10	21.00	0.20	2.40	6.0
DGL 3102	3.10	21.00	0.20	2.40	6.0
DGN 4003	4.00	18.80	0.30	3.00	--
DGRR 4020	4.00	18.80	2.00	3.00	--

DGN 2002
TB1550

DGN 3102
TB1550

DGL 3102
TB 1550

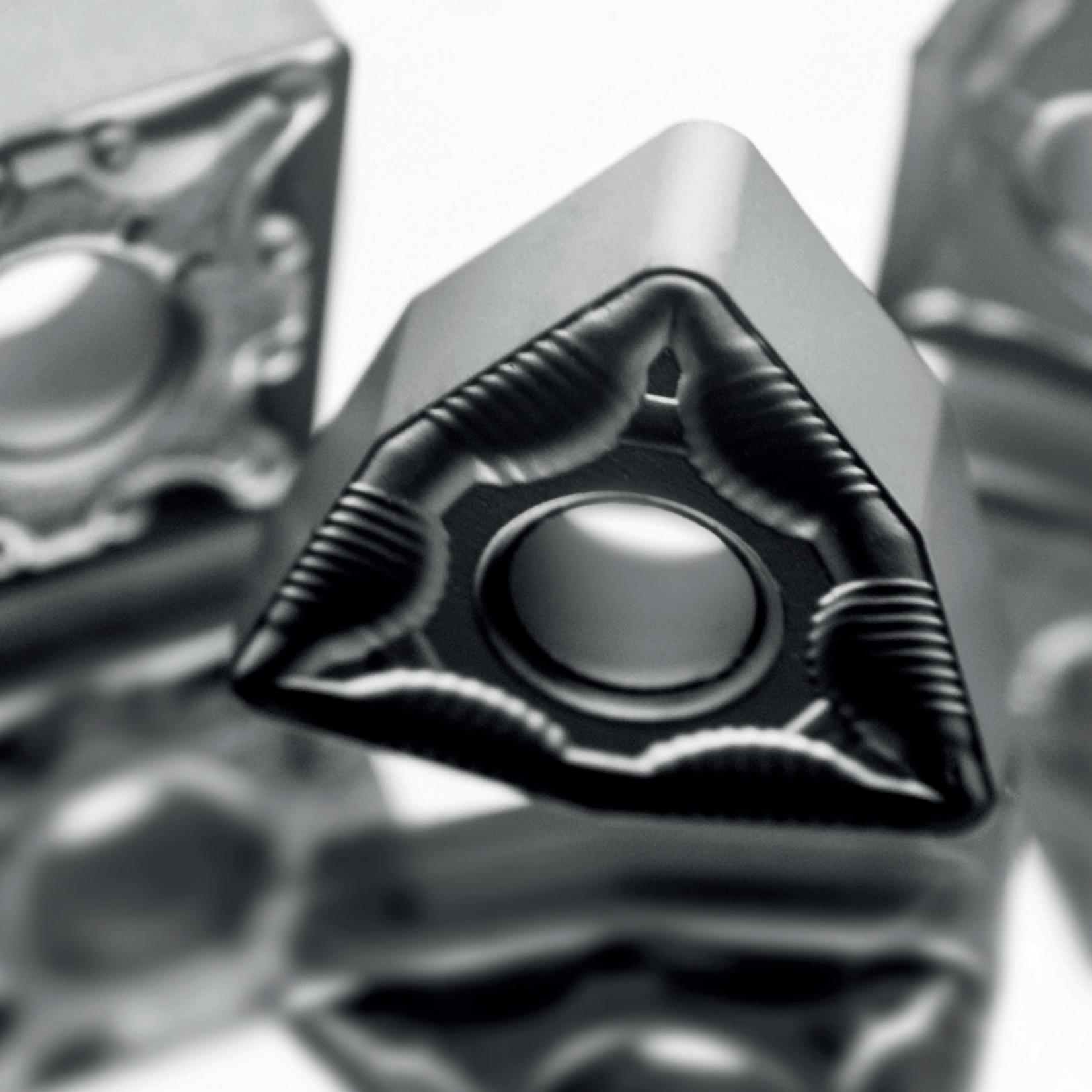
DGR 3102
TB 1550

DGN 4003
TB1550

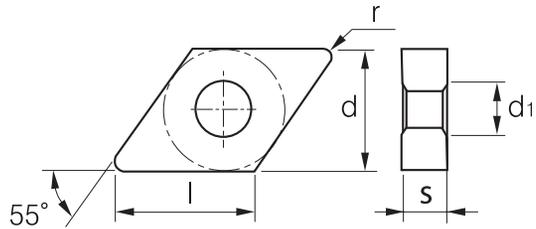
DGRR 4020
TB 1550

TB 1550

Steel	<input checked="" type="checkbox"/>
Stainless	<input checked="" type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>
Hardened Steel	<input checked="" type="checkbox"/>



DNMA-DNMG



CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
DNMA 150608	12,70	15,50	6,50	0,80	5,20
DNMA 150612	12,70	15,50	6,50	1,20	5,20
DNMG 150604 NR	12,70	15,50	6,50	0,40	5,20
DNMG 150604 NM	12,70	15,50	6,50	0,40	5,20
DNMG 150604 NM1	12,70	15,50	6,50	0,40	5,20
DNMG 150604 NF	12,70	15,50	6,50	0,40	5,20
DNMG 150604 LR	12,70	15,50	6,50	0,40	5,20
DNMG 150604 RL	12,70	15,50	6,50	0,40	5,20

	TB 1550	TB 2175	TB 2185	TB 2355	TB 2365
Steel	✓	✓	✓		
Stainless	✓				
Cast Iron				✓	✓
Aluminum					
Special Alloy					
Hardened Steel		✓		✓	

GRADES

TB1150 - 1550

NM

TB 2175 - 2185 *NF*

NM, NM1, NR, NR1, LR, RL

TB 2355 - 2365 *DNMA*

150608, DNMA 150612

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
DNMG 150608 NR	12,70	15,50	6,50	0,80	5,20
DNMG 150608 NR1	12,70	15,50	6,50	0,80	5,20
DNMG 150608 NM	12,70	15,50	6,50	0,80	5,20
DNMG 150608 NM1	12,70	15,50	6,50	0,80	5,20
DNMG 150608 LR	12,70	15,50	6,50	0,80	5,20
DNMG 150608 RL	12,70	15,50	6,50	0,80	5,20
DNMG 150612 NR	12,70	15,50	6,50	1,20	5,20
DNMG 150612 NR1	12,70	15,50	6,50	1,20	5,20
DNMG 150612 NM	12,70	15,50	6,50	1,20	5,20
DNMG 150612 NM1	12,70	15,50	6,50	1,20	5,20

A
TB 2355

NR
TB 2185

NR1
TB 2185

NM
TB 2185

NM1
TB 2185

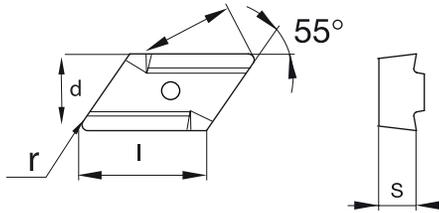
NF
TB 2185

L
TB 2355

R
TB 2185

NM
TB 1550

KNUX



GRADES

TB 2175 - 2185

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
KNUX 160405 R	9,52	19,72	4,76	0,50	--
KNUX 160405 L	9,52	19,72	4,76	0,50	--

KNUX 160405 R
TB 2185



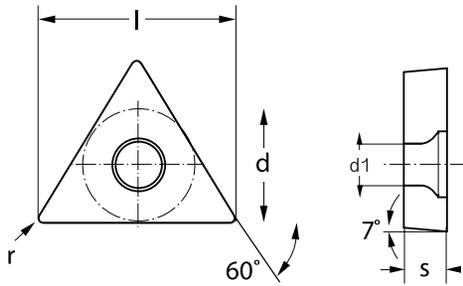
KNUX 160405 L
TB 2185



TB 2175

TB 2185

Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>	<input type="checkbox"/>
Cast Iron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hardened Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>



GRADES

TB 1150

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
TCMT 160404 PM	9,52	16,50	3,97	0,40	4,30
TCMT 160408 PM	9,52	16,50	3,97	0,80	4,30

TCMT 160404 PM
TB 1150



TCMT 160408 PM
TB 1150



Steel

Stainless

Cast Iron

Aluminum

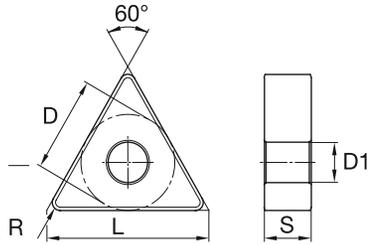
Special Alloy

Hardened Steel

TB 1150



TNMA-TNMG



CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
TNMA 160408	9,52	16,5	4,76	0,80	3,80
TNMA 160412	9,52	16,5	4,76	1,20	3,80
TNMG 160404 NR1	9,52	16,5	4,76	0,40	3,80
TNMG 160404 NM	9,52	16,5	4,76	0,40	3,80
TNMG 160404 NM1	9,52	16,5	4,76	0,40	3,80
TNMG 160404 NF	9,52	16,5	4,76	0,40	3,80

	TB 1550	TB 2175	TB 2185	TB 2355	TB 2365
Steel	✓	✓	✓		
Stainless	✓				
Cast Iron				✓	✓
Aluminum					
Special Alloy	✓		✓		
Hardened Steel	✓	✓		✓	

GRADES

TB 1550

NM

TB 2175 - 2185 *NR*,

NR1, NM, NM1, NF, NF1

TB 2365 - 2355

A- NR

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
TNMG 160408 NR	9,52	16,5	4,76	0,80	3,80
TNMG 160408 NR1	9,52	16,5	4,76	0,80	3,80
TNMG 160408 NM	9,52	16,5	4,76	0,80	3,80
TNMG 160408 NM1	9,52	16,5	4,76	0,80	3,80
TNMG 160408 NF	9,52	16,5	4,76	0,80	3,80
TNMG 160408 NF1	9,52	16,5	4,76	0,80	3,80
TNMG 160408 RR	9,52	16,5	4,76	0,80	3,80
TNMG 160408 LR	9,52	16,5	4,76	0,80	3,80
TNMG 160412 NR	9,52	16,5	4,76	1,20	3,80
TNMG 160412 NR1	9,52	16,5	4,76	1,20	3,80
TNMG 160412 NM	9,52	16,5	4,76	1,20	3,80
TNMG 160412 NM1	9,52	16,5	4,76	1,20	3,80
TNMG 160412 RR	9,52	16,5	4,76	1,20	3,80
TNMG 160412 LR	9,52	16,5	4,76	1,20	3,80

A
TB 2365

NR
TB 2185

NR1
TB 2185

NM
TB 2185

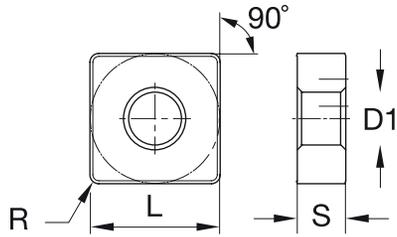
NM1
TB 2185

NF
TB 2185

NF1
TB 2185

NM
TB 1550

SNMA-SNMG



GRADES

TB 2175 - 2185

NR1, NF1

TB 2365 - 2355

SNMA

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
SNMG 120408 A	12,7	12,90	4,76	0,80	5,20
SNMG 120408 NR1	12,7	12,90	4,76	0,80	5,20
SNMI 120408 NMI	12,7	12,90	4,76	0,80	5,20
SNMG 120408 NF1	12,7	12,90	4,76	0,80	5,20

SNMA 120408
TB 2365

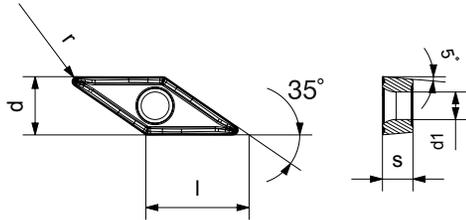
SNMG 120408 NR1
TB 2185

SNMG 120408 NF1
TB 2185

	TB 2175	TB 2185	TB 2355	TB 2365
Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast Iron	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



VBMT



GRADES

TB 1150

TB 855

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
VBMT 160404 PM	9,52	16	4,75	0,40	4,35
VBMT 160408 PM	9,52	16	4,75	0,80	4,35
VCMT 160412 ALU	9,52	16	4,75	0,80	4,35

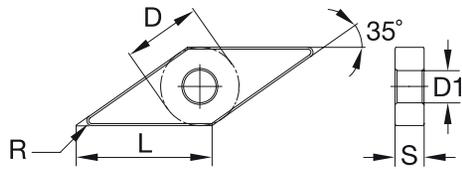
VBMT 160404 PM
TB 1150

VBMT 160408 PM
TB 1150

VCMT 160412 RL
TB 855



	TB 855	TB 1150
Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cast Iron	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hardened Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>



GRADES

TB 2175

TB 2185

KOD / CODE	d (mm)	l (mm)	s (mm)	r (mm)	d1 (mm)
VNMG 160404 NR	9,52	12,79	4,76	0,40	3,81
VNMG 160404 NF	9,52	12,79	4,76	0,40	3,81
VNMG 160408 NR	9,52	12,79	4,76	0,80	3,81
VNMG 160408 NF	9,52	12,79	4,76	0,80	3,81

VNMG 160404 NR
TB 2175

VNMG 160404 NF
TB 2185

VNMG 160408 NR
TB 2185

VNMG 160408 NF
TB 2185

Steel

Stainless

Cast Iron

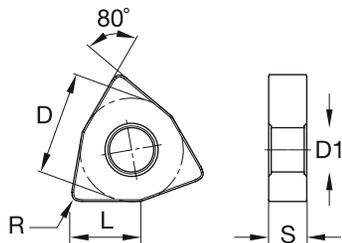
Aluminum

Special Alloy

Hardened Steel

	TB 2175	TB 2185	TB 2355	TB 2365
Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast Iron	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Special Alloy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hardened Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

WNMA-WNMG



CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
WNMG 060408 NR	9,52	6,45	4,76	0,80	3,80
WNMG 060408 NM	9,52	6,45	4,76	0,80	3,80
WNMG 060408 NF	9,52	6,45	4,76	0,80	3,80
WNMA 080408	12,7	8,60	4,76	0,80	5,20
WNMA 080412	12,7	8,60	4,76	1,20	5,20
WNMA 080416	12,7	8,60	4,76	1,60	5,20
WNMG 080404 NR	12,7	8,60	4,76	0,40	5,20
WNMG 080404 NR1	12,7	8,60	4,76	0,40	5,20
WNMG 080404 NM	12,7	8,60	4,76	0,40	5,20
WNMG 080404 NM1	12,7	8,60	4,76	0,40	5,20
WNMG 080404 NF	12,7	8,60	4,76	0,40	5,20

	TB 1550	TB 2175	TB 2185	TB 2355	TB 2365
Steel	✓	✓	✓	✓	✓
Stainless	✓				
Cast Iron				✓	✓
Aluminum					
Special Alloy					
Hardened Steel		✓		✓	

GRADES

TB 1550 *NM*

TB 2175 - 2185 - 2355 - 2365 *NR, NR1, NM, NM1, NF, NF1*

TB 1150 *WNMG 06*

TB 2175 - 2185 *WNMG 06, NF, NR*

CODE	d (mm)	l (mm)	s(mm)	r(mm)	d1 (mm)
WNMG 080408 NR	12,7	8,60	4,76	0,80	5,20
WNMG 080408 NR1	12,7	8,60	4,76	0,80	5,20
WNMG 080408 NM	12,7	8,60	4,76	0,80	5,20
WNMG 080408 NM1	12,7	8,60	4,76	0,80	5,20
WNMG 080408 NF	12,7	8,60	4,76	0,80	5,20
WNMG 080412 NR	12,7	8,60	4,76	1,20	5,20
WNMG 080412 NR1	12,7	8,60	4,76	1,20	5,20
WNMG 080412 NM	12,7	8,60	4,76	1,20	5,20
WNMG 080412 NM1	12,7	8,60	4,76	1,20	5,20
WNMG 080412 NF	12,7	8,60	4,76	1,20	5,20

060408 NR
TB 2175

060408 NM
TB 1550

A
TB 2365

NR
TB 2185

NR1
TB 2175

NF1
TB 2185

NM
TB 2185

NM1
TB 2185

NF
TB 2185

NM
TB1550

P15 - P25

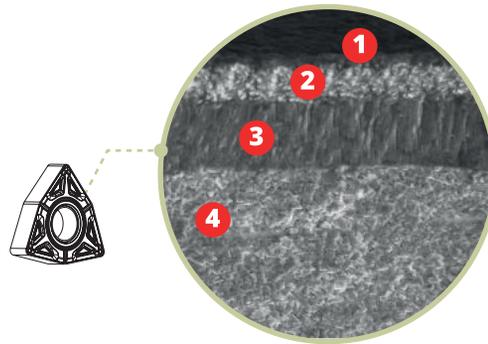
TB 2175

MT - CVD coated grade offering extremely high resistance against erosion. Especially suggested for turning operations under rigid conditions. Designed to operate in high speed cutting within fine process conditions.

P25 - P35

TB 2185

MT-CVD coated grade. Suggested for lower and medium rough turning as well as impact turning operations. It is a common turning grade having a high toughness and endurance. It is ideal to operate within higher and medium cutting speed.



- 1 TIN
- 2 AlO₃
- 3 MTTCN
- 4 ALT YAPI / INFRASTRUCTURE

MT-CVD KALİTE
MT-CVD GRADES

K05 - K15

TB 2355

MT-CVD coated grade offering both high resistance against erosion and excellent edge security. Designed for continuous process of cast materials, within a wide range from medium to higher speed cutting.

MT-CVD KALİTE
MT-CVD GRADES

K10 - K20

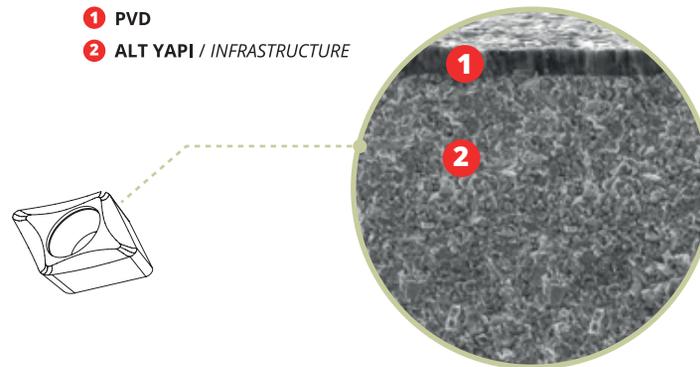
TB 2365

MT-CVD coated cast grade offering both high endurance against impact and high resistance against erosion. Developed for turning process of cast materials within medium and higher speed.

P05 - P15

TB 1150

NANO PVD coated grade offering a very high resistance against erosion. Especially suggested for rigid cutting conditions and final turning operations. Designed to operate in high speed cutting under fine processing conditions.



M10 - M15

TB 1550

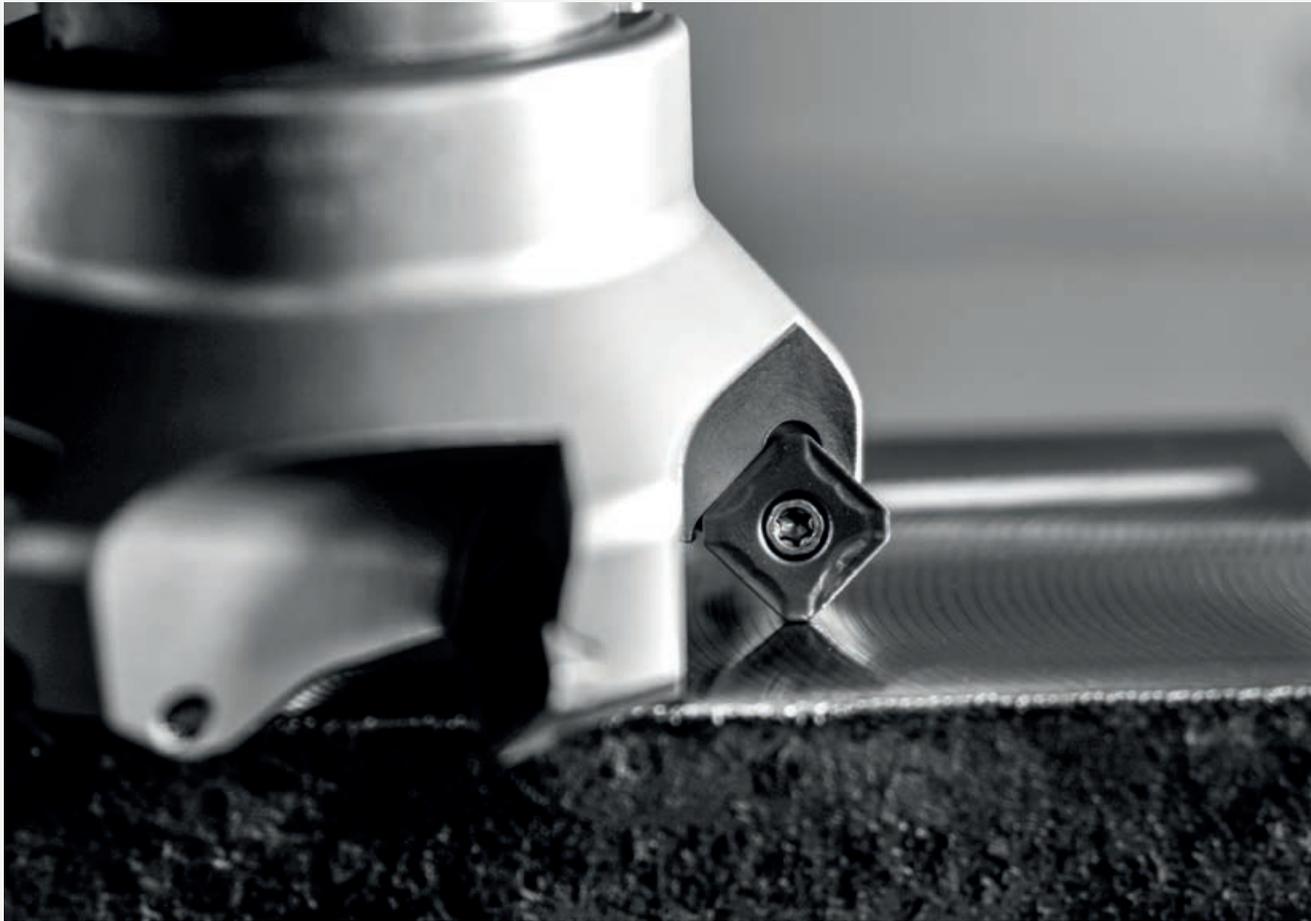
NANO - PVD coated grade with resistance against high processing heat. Designed to process stainless steel and hard steel materials. It is a rough grade offering a higher resistance against erosion but a lower resistance against impact and vibration.

OUR FACTORY



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Rm2505, Unit 2, Building 7, No. 7 Chaoyang Road,
Chaoyang District, Beijing, P.R. of China, 100024



+86 10 52902905



+86 10 65723756



toolingbox@126.com



www.toolingbox.com