



Xinrui Industry Co., Ltd.

Professional manufacturer of carbide cutting tools

turning inserts



сайт: <http://www.imperial-tools.ru>

е-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

about us

Xinrui Industry Co., Ltd. is a specialized manufacturer and supplier of various types of cemented carbide cutting tools and spare parts for electric tool, such as turning inserts, milling inserts, ceramic inserts, threading inserts, clamping blade, carbide saw tips, solid carbide tools, etc.

We have complete equipment, abundant strength, many rich experience technician, and perfect managing system, and our products are widely sold all over the world for their high quality and competitive prices. Most of our products had been exported to America, Europe, Middle East and Southeast Asia markets.

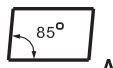
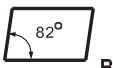
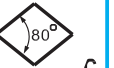
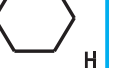
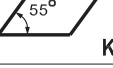
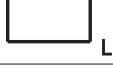
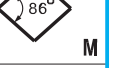
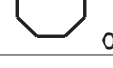
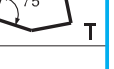
The staffs of our company have worked and will still work hard to explore more new excellent products for customers from home and abroad. Meanwhile, we can make the products according to clients' drawings or samples.

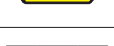
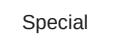
Your inquiries will catch our highest attention, we sincerely hope to cooperate with friends from all over the world.

сайт: <http://www.imperial-tools.ru>

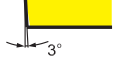
e-mail: info@imperial-tools.ru

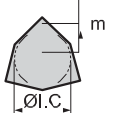
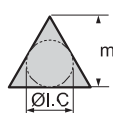
тел: 8(423) 2-72-64-51

Insert Shape / Code		
 A	 B	 C
 D	 E	 H
 K	 L	 M
 O	 P	 R
 S	 T	 T
 V	 W	Others Z
Insert shape		

Metric							
Code	With/Without out rde	With/Without chipbreaker	Sedon plane of insert	Code	With/Without out rde	With/Without chipbreaker	Sedon plane of insert
B	With	Without		N	Without	Without	
H	With	Single-side		R	Without	Single-side	
C	With	Without		F	Without	Double-side	
J	With	Double-side		A	With	Without	
W	With	Without		M	With	Single-side	
T	With	Single-side		G	With	Double-side	
Q	With	Without		X	---	---	Special
U	With	Double-side					
Chipbreaker and clamping							

C N M G

Clearance angle of main cutting edge			
Code	Clearance angle	Code	Clearance angle
A	 3°	B	 5°
C	 7°	D	 15°
E	 20°	F	 25°
G	 30°	N	 0°
P	 11°	O	Other clearance angle

Tolerance										
			  							
Code	Nose height m Tolerance (mm)	Inscribed circle ØI.C Tolerance (mm)	Thickness S Tolerance (mm)	Nose height tolerance (mm)						
A	±0.005	±0.025	±0.025	Inscribed circle	Regular triangle	Square	Diamond with 80°	Diamond with 55°	Diamond with 35°	Round
F	±0.005	±0.013	±0.025	6.35	±0.08	±0.08	±0.08	±0.11	±0.16	---
C	±0.013	±0.025	±0.025	9.525	±0.08	±0.08	±0.08	±0.11	±0.16	---
H	±0.013	±0.013	±0.025	12.7	±0.13	±0.13	±0.13	±0.15	---	---
E	±0.025	±0.025	±0.025	15.875	+0.15	+0.15	+0.15	+0.18	---	---
G	±0.025	±0.025	±0.13	19.05	±0.15	±0.15	±0.15	±0.18	---	---
J	±0.005	±0.05±0.13	±0.025	25.4	---	±0.18	---	---	---	---
K	±0.013	±0.05±0.13	±0.025	Tolerance of inscribed circle ØI.C (mm)						
L	±0.025	±0.05±0.13	±0.025	Inscribed circle	Regular triangle	Square	Diamond with 80°	Diamond with 55°	Diamond with 35°	Round
M	±0.08±0.18	±0.05±0.13	±0.13	6.35	±0.05	±0.05	±0.05	±0.05	±0.05	---
N	±0.08±0.18	±0.05±0.13	±0.025	9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
U	±0.13±0.38	±0.08±0.25	±0.13	12.7	±0.08	±0.08	±0.08	±0.08	---	±0.08
				15.875	±0.10	±0.10	±0.10	±0.10	---	±0.10
				19.05	±0.10	±0.10	±0.10	±0.10	---	±0.10
				25.4	---	±0.13	---	---	---	±0.13

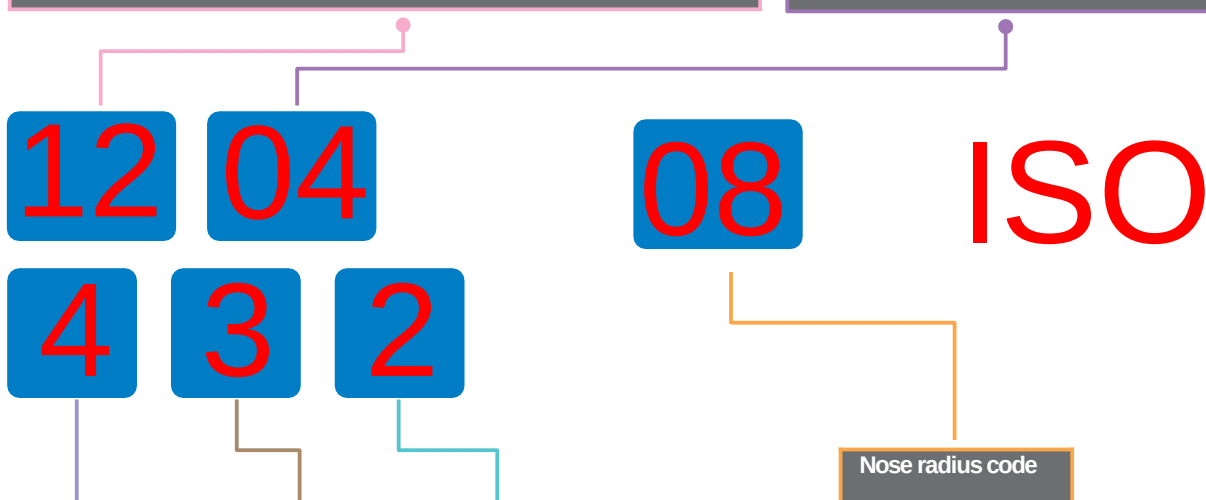
сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

Diameter of IC	Insert shape							
	C	D	R	S	T	V	W	K
								
3.97					06			
5.0			05					
5.56					09			
6.0			06					
6.35	06	07			11	11		
8.0			08					
9.525	09	11	09	09	16	16	06	16
10.0			10					
12.0			12					
12.7	12	15	12	12	22	22	08	
15.875	16		15	15	27			
16.0		19	16					
19.05	19		19	19	33			
20.0			20					
25.0	25	25	25					
25.4			25	25				
31.75			31					
32			32					
Length of cutting edge								

Thickness is defined as height from bottom of insert to the highest part of cutting edge.	
Code	Insert thickness(mm)
00	0.79
T0	0.99
01	1.59
T1	1.98
02	2.38
T2	2.58
03	3.18
T3	3.97
04	4.76
T4	4.96
05	5.96
T5	5.95
06	6.35
T6	6.75
07	7.94
09	9.52
T9	9.72
11	11.11
12	12.70
Insert thickness	



Code	Diameter of IC(mm)
2	6.35
3	9.525
4	12.7
5	15.875
6	19.05
8	25.4

Code	Thickness (mm)
2	3.18
3	4.76
4	6.35
5	7.94
6	9.52

Code	Nose radius (mm)
0	0.2
1	0.4
2	0.8
3	1.2
4	1.6
5	2.0
6	2.4

Nose radius code	
Code	Nose radius (mm)
00	No radius
02	0.2
04	0.4
08	0.8
12	1.2
16	1.6
20	2.0
24	2.4
32	3.2
X	Others
Diameter of insert (Metric)	Round insert

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

Turning Inserts Overview

Item No	Dimension							
CNMG	090304	090308	120404	120408	120412	160608	160612	160616
	190608	190612	190616	190624	250724	250732	250924	250932
CNMA	120404	120408	120412	120416	160608	160612	160616	160620
	190608	190612	190616					
CNMM	120404	120408	120412	120416	160608	160612	160616	160620
	190608	190612	190616					
DNMA	110416	110424	150404	150408	150604	150608	150612	150616
DNMG	110404	110408	110412	150404	150408	150412	150416	150604
	150608	150612	150616	190608	190612			
DNMM	150608	150612	150616					
SNGN	090304	090308	120408	150408	190412			
SNUN	090304	090308	120408	120412	150408	150412	190408	190412
	190424	250724	250924					
SNMM	120404	120408	120412	120416	150608	150612	150616	190608
	190612	190616	190624	250724	150732	250924		
SNMA	090304	090308	120404	120408	120412	150608	150612	190608
	190612	190616						
SNMG	090304	090308	120404	120408	120412	150608	150612	150616
	190612	190616	250724	250924				
TNMG	110304	110308	160404	160408	160412	220404	220408	220412
	220416	270608	270612	270616				
TNMM	160404	160408	160412	220404	220408	220412	220416	270608
	270612	270616						
TNMA	160404	160408	160412	220404	220408	220412	220416	270608
	270612	270616						
VNMG	160404	160408	160412					
WNMG	06T304	06T308	060408	060412	080404	080412	080416	
WNMA	06T308	060404	060408	060412	080404	080408	080412	080416
RNMG	120400							
KNUX	160405L11	160410L11	160405L12	160415L12	160405R11	160410R11	160405R12	160410R12
	160415R12							
CCMT	060202	060204	09T304	09T308	120404	120408	120412	
CCGX	060202	060204	09T302	09T304	09T308	120404	120408	120412
DCMT	070202	070204	070208	11T302	11T304	11T308	11T312	
DCGX	070202	070204	070208	11T302	11T304	11T308	11T312	
RCMT	0803MO	1003MO	10T3MO	1204MO	1606MO			
RCMX	0803MO	1003MO	1204MO	1606MO	2507MO	3209MO		
SCMT	09T302	09T304	09T308	120404	120408	120412		
SCGX	09T302	09T304	09T308	120404	120408			
TCMT	06T104	06T108	090202	090204	090208	110202	110204	110208
	16T302	16T304	16T308	16T312				
TCGX	090202	090204	110202	110204	110208	16T302	16T304	16T308

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

Turning Inserts Overview

VCGT	110302	110304	160408					
VCGX	110202	110204	110301	110302	110304	110308	160402	160404
	160408	160412	220530					
WCMX	040208R-53		06T308R-53		080412R-53			
VBMT	110202	110204	110208	110302	110304	110308	160404	160408
	160412							

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

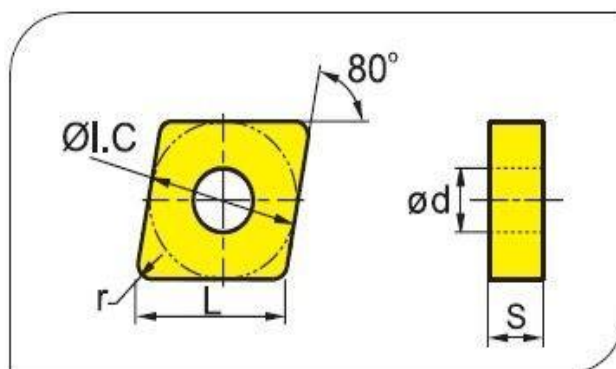
тел: 8(423) 2-72-64-51

Xin Rui

Turning

General turning inserts code key

CN--



INSERTS SHAPE	Item No	Dimension(mm)					Coated															Application		
		L	I.C	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	CNMG090304	9.7	9.525	3.18	3.81	0.4																		
	CNMG090308	9.7	9.525	3.18	3.81	0.8																		
	CNMG120404	12.9	12.7	4.76	5.16	0.4																		
	CNMG120408	12.9	12.7	4.76	5.16	0.8																		
	CNMG120412	12.9	12.7	4.76	5.16	1.2																		
	CNMG160608	16.1	15.875	6.35	6.35	0.8																		
	CNMG160612	16.1	15.875	6.35	6.35	1.2																		
	CNMG160616	16.1	15.875	6.35	6.35	1.6																		
	CNMG190608	19.3	19.05	6.35	7.94	0.8																		
	CNMG190612	19.3	19.05	6.35	7.94	1.2																		
	CNMG190616	19.3	19.05	6.35	7.94	1.6																		
	CNMG190624	19.3	19.05	6.35	7.94	2.4																		
	CNMG250724	25.79	25.4	7.94	9.12	2.4																		
	CNMG250732	25.79	25.4	7.94	9.12	3.2																		
	CNMG250924	25.79	25.4	9.525	9.12	2.4																		
	CNMG250932	25.79	25.4	9.525	9.12	3.2																		

Appearance				
Chipbreaker	PF	MF	PM	MM
Application instruction of general	Suitable for finishing ISO P material.	Suitable for finishing ISO M material.	Suitable for semi-finishing and slight interrupted cutting ISO P material.	Suitable for semi-finishing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

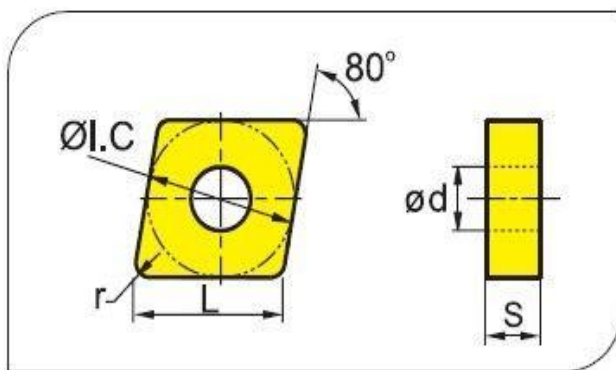
Appearance			
Chipbreaker	PR	MR	
Application instruction of general	suitable for roughing and interrupted cutting.ISO P material.	Suitable for roughing ISO M material.	Suitable for semi-finishing

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

CN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	CNMA120404	12.9	12.7	4.76	5.16	0.4																		
	CNMA120408	12.9	12.7	4.76	5.16	0.8																		
	CNMA120412	12.9	12.7	4.76	5.16	1.2																		
	CNMA120416	12.9	12.7	4.76	5.16	1.6																		
	CNMA160608	16.1	15.875	6.35	6.35	0.8																		
	CNMA160612	16.1	15.875	6.35	6.35	1.2																		
	CNMA160616	16.1	15.875	6.35	6.35	1.6																		
	CNMA160620	16.1	15.875	6.35	6.35	2.0																		
	CNMA190608	19.3	19.05	6.35	7.94	0.8																		
	CNMA190612	19.3	19.05	6.35	7.94	1.2																		
	CNMA190616	19.3	19.05	6.35	7.94	1.6																		

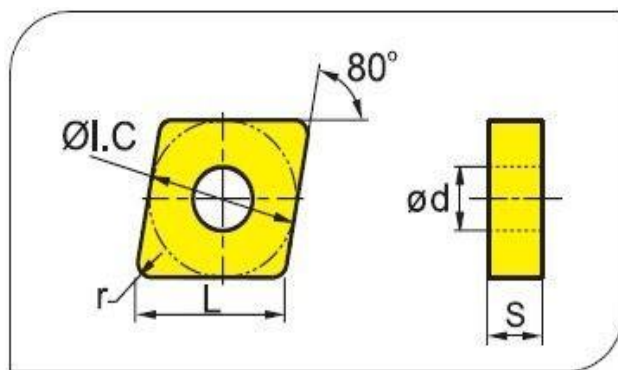
Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

CN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	CNMM120404	12.9	12.7	4.76	5.16	0.4																		
	CNMM120408	12.9	12.7	4.76	5.16	0.8																		
	CNMM120412	12.9	12.7	4.76	5.16	1.2																		
	CNMM120416	12.9	12.7	4.76	5.16	1.6																		
	CNMM160608	16.1	15.875	6.35	6.35	0.8																		
	CNMM160612	16.1	15.875	6.35	6.35	1.2																		
	CNMM160616	16.1	15.875	6.35	6.35	1.6																		
	CNMM160620	16.1	15.875	6.35	6.35	2.0																		
	CNMM190608	19.3	19.05	6.35	7.94	0.8																		
	CNMM190612	19.3	19.05	6.35	7.94	1.2																		
	CNMM190616	19.3	19.05	6.35	7.94	1.6																		

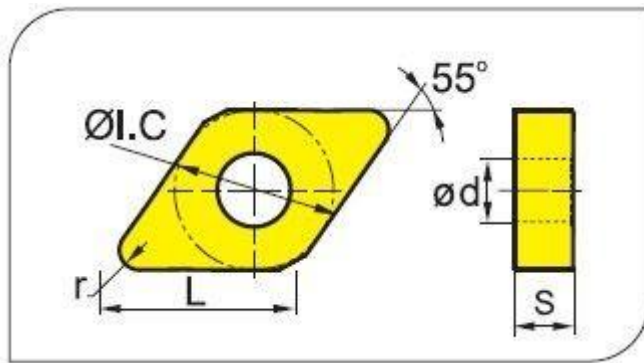
Appearance		
Chipbreaker	PR	MR
Application instruction of general	suitable for roughing and heavy cutting.ISO P material	Suitable for roughing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

DN---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated												Application				
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	DNMA110416	11.6	9.525	4.76	3.81	1.6																	
	DNMA110424	11.6	9.525	4.76	3.81	2.4																	
	DNMA150404	15.5	12.7	4.76	5.16	0.4																	
	DNMA150408	15.5	12.7	4.76	5.16	0.8																	
	DNMA150604	15.5	12.7	6.35	5.16	0.4																	
	DNMA150608	15.5	12.7	6.35	5.16	0.8																	
	DNMA150612	15.5	12.7	6.35	5.16	1.2																	
	DNMA150616	15.5	12.7	6.35	5.16	1.6																	

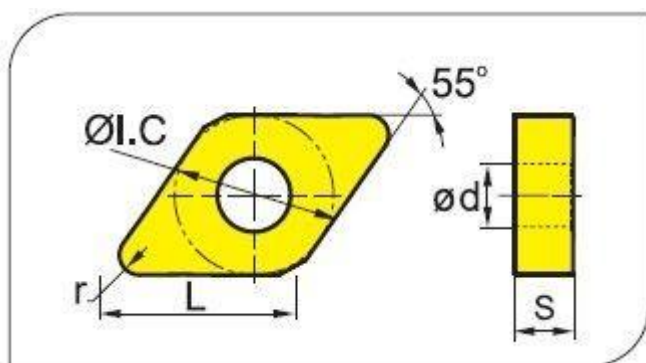
Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

DN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated												Application					
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	DNMG110404	11.6	9.525	4.76	3.81	0.4																		
	DNMG110408	11.6	9.525	4.76	3.81	0.8																		
	DNMG110412	11.6	9.525	4.76	3.81	1.2																		
	DNMG150404	15.5	12.7	4.76	5.16	0.4																		
	DNMG150408	15.5	12.7	4.76	5.16	0.8																		
	DNMG150412	15.5	12.7	4.76	5.16	1.2																		
	DNMG150416	15.5	12.7	4.76	5.16	1.6																		
	DNMG150604	15.5	12.7	6.35	5.16	0.4																		
	DNMG150608	15.5	12.7	6.35	5.16	0.8																		
	DNMG150612	15.5	12.7	6.35	5.16	1.2																		
	DNMG150616	15.5	12.7	6.35	5.16	1.6																		
	DNMG190608	19.3	15.875	6.35	7.94	0.8																		
	DNMG190612	19.3	15.875	6.35	7.94	1.2																		

Appearance				
Chipbreaker	PF	MF	PM	MM
Application instruction of general	Suitable for finishing ISO P material.	Suitable for finishing ISO M material.	Suitable for semi-finishing and slight interrupted cutting ISO P material.	Suitable for semi-finishing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

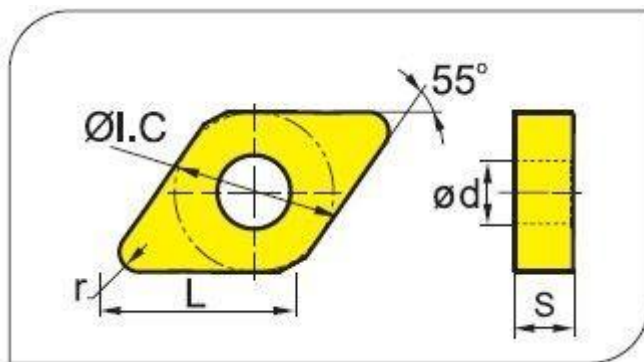
Appearance			
Chipbreaker	PR	MR	
Application instruction of general	suitable for roughing and interrupted cutting, ISO P material.	Suitable for roughing ISO M material.	Suitable for semi-finishing

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

DN---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	DNMM150608	15.5	12.7	6.35	5.16	0.8																	
	DNMM150612	15.5	12.7	6.35	5.16	1.2																	
	DNMM150616	15.5	12.7	6.35	5.16	1.6																	

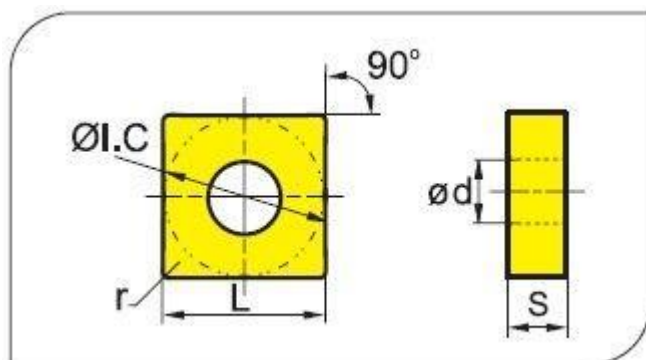
Appearance		
Chipbreaker	PR	MR
Application instruction of general	suitable for roughing and heavy cutting. ISO P material.	Suitable for roughing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

SN---

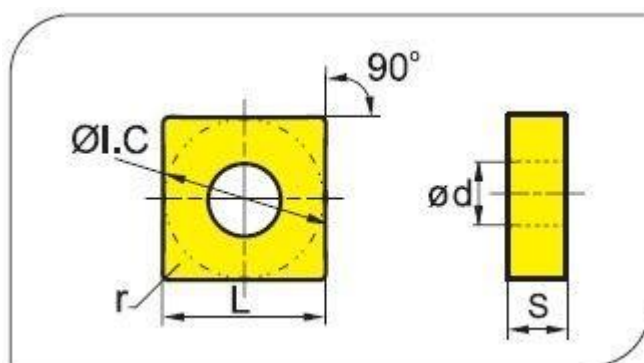


INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	SNGN090304	9.525	9.525	3.18		0.4																	
	SNGN090308	9.525	9.525	3.18		0.8																	
	SNGN120408	12.7	12.7	4.76		0.8																	
	SNGN150408	15.875	15.875	4.76		0.8																	
	SNGN190412	19.05	19.05	4.76		1.2																	
	SNUN090304	9.525	9.525	3.18		0.4																	
	SNUN090308	9.525	9.525	3.18		0.8																	
	SNUN120408	12.7	12.7	4.76		0.8																	
	SNUN120412	12.7	12.7	4.76		1.2																	
	SNUN150408	15.875	15.875	4.76		0.8																	
	SNUN150412	15.875	15.875	4.76		1.2																	
	SNUN190408	19.05	19.05	4.76		0.8																	
	SNUN190412	19.05	19.05	4.76		1.2																	
	SNUN190424	19.05	19.05	4.76		2.4																	
	SNUN250724	25.4	25.4	7.94		2.4																	
	SNUN250924	25.4	25.4	9.525		2.4																	

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

SN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	SNMM120404	12.7	12.7	4.76	5.16	0.4																	
	SNMM120408	12.7	12.7	4.76	5.16	0.8																	
	SNMM120412	12.7	12.7	4.76	5.16	1.2																	
	SNMM120416	12.7	12.7	4.76	5.16	1.6																	
	SNMM150608	15.875	15.875	6.35	6.35	0.8																	
	SNMM150612	15.875	15.875	6.35	6.35	1.2																	
	SNMM150616	15.875	15.875	6.35	6.35	1.6																	
	SNMM190608	19.05	19.05	6.35	7.94	0.8																	
	SNMM190612	19.05	19.05	6.35	7.94	1.2																	
	SNMM190916	19.05	19.05	6.35	7.94	1.6																	
	SNMM190624	19.05	19.05	6.35	7.94	2.4																	
	SNMM250724	25.4	25.4	7.94	9.12	2.4																	
	SNMM250732	25.4	25.4	7.94	9.12	3.2																	
	SNMM250924	25.4	25.4	9.525	9.12	2.4																	

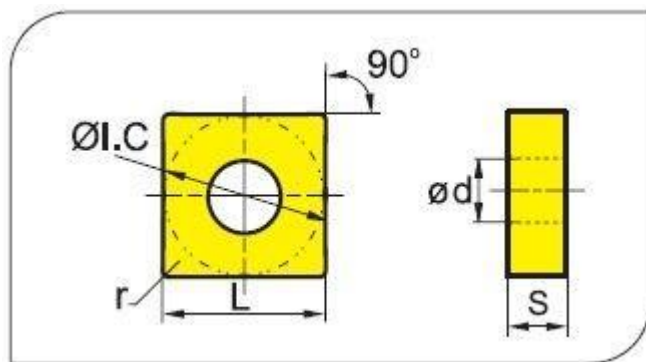
Appearance		
Chipbreaker	PR	MR
Application instruction of general	suitable for roughing and heavy cutting.ISO P material.	Suitable for roughing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

SN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	SNMA090304	9.525	9.525	3.18	3.81	0.4																		
	SNMA090308	9.525	9.525	3.18	3.81	0.8																		
	SNMA120404	12.7	12.7	4.76	5.16	0.4																		
	SNMA120408	12.7	12.7	4.76	5.16	0.8																		
	SNMA120412	12.7	12.7	4.76	5.16	1.2																		
	SNMA150608	15.875	15.875	6.35	6.35	0.8																		
	SNMA150612	15.875	15.875	6.35	6.35	1.2																		
	SNMA190608	19.05	19.05	6.35	7.94	0.8																		
	SNMA190612	19.05	19.05	6.35	7.94	1.2																		
	SNMA190916	19.05	19.05	6.35	7.94	1.6																		

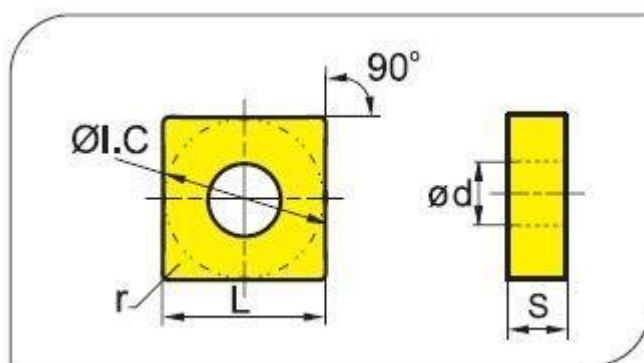
Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

SN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	SNMG090304	9.525	9.525	3.18	3.81	0.4																	
	SNMG090308	9.525	9.525	3.18	3.81	0.8																	
	SNMG120404	12.7	12.7	4.76	5.16	0.4																	
	SNMG120408	12.7	12.7	4.76	5.16	0.8																	
	SNMG120412	12.7	12.7	4.76	5.16	1.2																	
	SNMG150608	15.875	15.875	6.35	6.35	0.8																	
	SNMG150612	15.875	15.875	6.35	6.35	1.2																	
	SNMG150616	15.875	15.875	6.35	6.35	1.6																	
	SNMG190612	19.05	19.05	6.35	7.94	1.2																	
	SNMG190616	19.05	19.05	6.35	7.94	1.6																	
	SNMG250724	25.4	25.4	7.94	9.12	2.4																	
	SNMG250924	25.4	25.4	9.525	9.12	2.4																	

Appearance				
Chipbreaker	PF	MF	PM	MM
Application instruction of general	Suitable for finishing ISO P material.	Suitable for finishing ISO M material.	Suitable for semi-finishing and slight interrupted cutting ISO P material.	Suitable for semi-finishing ISO M material.

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

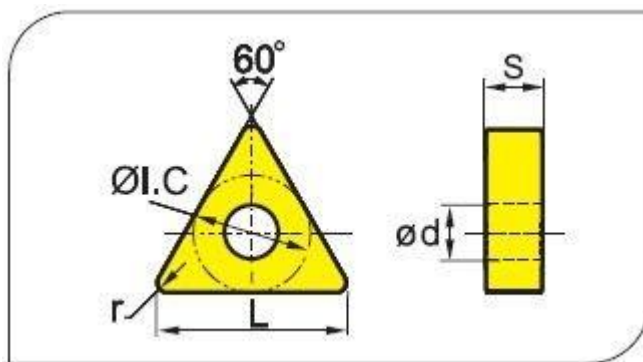
Appearance			
Chipbreaker	PR	MR	
Application instruction of general	suitable for roughing and interrupted cutting.ISO P material.	Suitable for roughing ISO M material.	Suitable for semi-finishing

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

TN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	TNMG110304	11	6.35	3.18	2.26	0.4																		
	TNMG110308	11	6.35	3.18	2.26	0.8																		
	TNMG160404	16.5	9.525	4.76	3.81	0.4																		
	TNMG160408	16.5	9.525	4.76	3.81	0.8																		
	TNMG160412	16.5	9.525	4.76	3.81	1.2																		
	TNMG220404	22	12.7	4.76	5.16	0.4																		
	TNMG220408	22	12.7	4.76	5.16	0.8																		
	TNMG220412	22	12.7	4.76	5.16	1.2																		
	TNMG220416	22	12.7	4.76	5.16	1.6																		
	TNMG270608	27.5	15.875	6.35	6.35	0.8																		
	TNMG270612	27.5	15.875	6.35	6.35	1.2																		
	TNMG270616	27.5	15.875	6.35	6.35	1.6																		

Appearance				
Chipbreaker	PF	MF	PM	MM
Application instruction of general	Suitable for finishing ISO P material.	Suitable for finishing ISO M material.	Suitable for semi-finishing and slight interrupted cutting ISO P material.	Suitable for semi-finishing ISO M material.

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

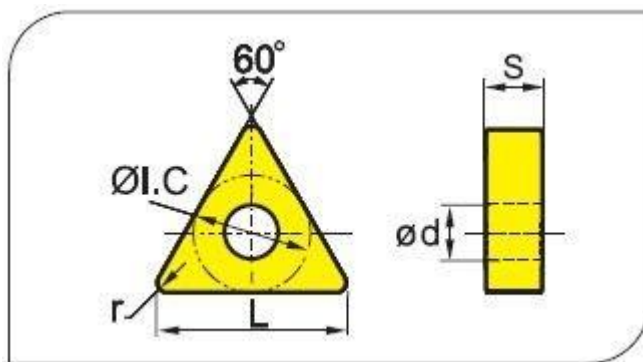
Appearance			
Chipbreaker	PR	MR	
Application instruction of general	suitable for roughing and interrupted cutting.ISO P material.	Suitable for roughing ISO M material.	Suitable for semi-finishing

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

TN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated												Application				
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	TNMM160404	16.5	9.525	4.76	3.81	0.4																	
	TNMM160408	16.5	9.525	4.76	3.81	0.8																	
	TNMM160412	16.5	9.525	4.76	3.81	1.2																	
	TNMM220404	22	12.7	4.76	5.16	0.4																	
	TNMM220408	22	12.7	4.76	5.16	0.8																	
	TNMM220412	22	12.7	4.76	5.16	1.2																	
	TNMM220416	22	12.7	4.76	5.16	1.6																	
	TNMM270608	27.5	15.875	6.35	6.35	0.8																	
	TNMM270612	27.5	15.875	6.35	6.35	1.2																	
	TNMM270616	27.5	15.875	6.35	6.35	1.6																	

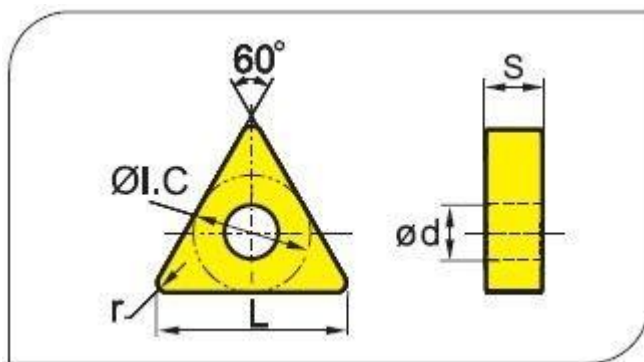
Appearance		
Chipbreaker	PR	MR
Application instruction of general	suitable for roughing and heavy cutting. ISO P material.	Suitable for roughing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

TN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	TNMA160404	16.5	9.525	4.76	3.81	0.4																	
	TNMA160408	16.5	9.525	4.76	3.81	0.8																	
	TNMA160412	16.5	9.525	4.76	3.81	1.2																	
	TNMA220404	22	12.7	4.76	5.16	0.4																	
	TNMA220408	22	12.7	4.76	5.16	0.8																	
	TNMA220412	22	12.7	4.76	5.16	1.2																	
	TNMA220416	22	12.7	4.76	5.16	1.6																	
	TNMA270608	27.5	15.875	6.35	6.35	0.8																	
	TNMA270612	27.5	15.875	6.35	6.35	1.2																	
	TNMA270616	27.5	15.875	6.35	6.35	1.6																	

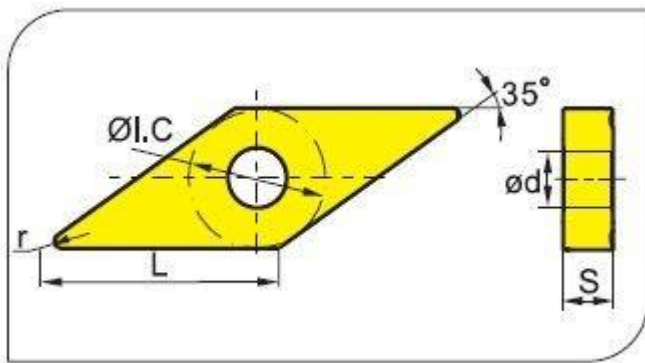
Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

VN—



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	Forfinishing	Forsemi-finishing	Forroughing	
	VNMG160404	16.6	9.525	4.76	3.81	0.4																		
	VNMG160408	16.6	9.525	4.76	3.81	0.8																		
	VNMG160412	16.6	9.525	4.76	3.81	1.2																		

Appearance				
Chipbreaker	PF	MF	PM	MM
Application instruction of general	Suitable for finishing ISO P material.	Suitable for finishing ISO M material.	Suitable for semi-finishing and slight interrupted cutting ISO P material.	Suitable for semi-finishing ISO M material.

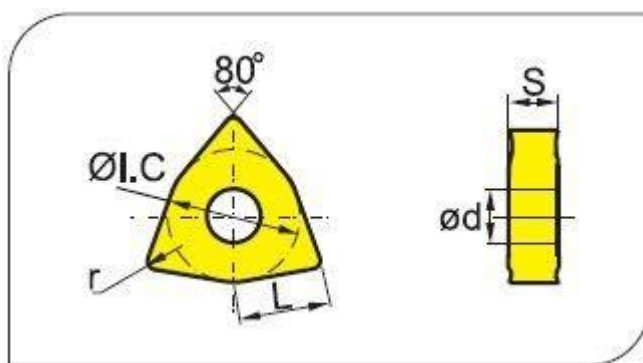
Appearance	
Chipbreaker	
Application instruction of general	Suitable for semi-finishing

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

WN---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252		For finishing	For semi-finishing	For roughing
	WNMG06T304	6.5	9.525	3.97	3.81	0.4																		
	WNMG06T308	6.5	9.525	3.97	3.81	0.8																		
	WNMG060408	6.5	9.525	4.76	3.81	0.8																		
	WNMG060412	6.5	9.525	4.76	3.81	1.2																		
	WNMG080404	8.7	12.7	4.76	5.16	0.4																		
	WNMG080408	22	12.7	4.76	5.16	0.8																		
	WNMG080412	22	12.7	4.76	5.16	1.2																		
	WNMG080416	22	12.7	4.76	5.16	1.6																		

Appearance				
Chipbreaker	PF	MF	PM	MM
Application instruction of general	Suitable for finishing ISO P material.	Suitable for finishing ISO M material.	Suitable for semi-finishing and slight interrupted cutting ISO P material.	Suitable for semi-finishing ISO M material.

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

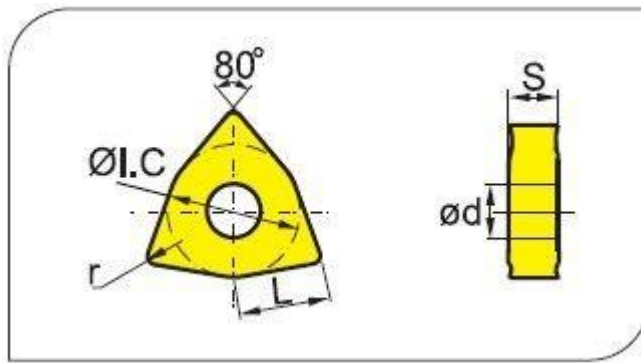
Appearance		
Chipbreaker	PR	
Application instruction of general	suitable for roughing and interrupted cutting. ISO P material.	Suitable for semi-finishing

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

WN---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	WNMA06T308	6.5	9.525	3.97	3.81	0.8																	
	WNMA060404	6.5	9.525	4.76	3.81	0.4																	
	WNMA060408	6.5	9.525	4.76	3.81	0.8																	
	WNMA060412	6.5	9.525	4.76	3.81	1.2																	
	WNMA080404	8.7	12.7	4.76	5.16	0.4																	
	WNMA080408	22	12.7	4.76	5.16	0.8																	
	WNMA080412	22	12.7	4.76	5.16	1.2																	
	WNMA080416	22	12.7	4.76	5.16	1.6																	

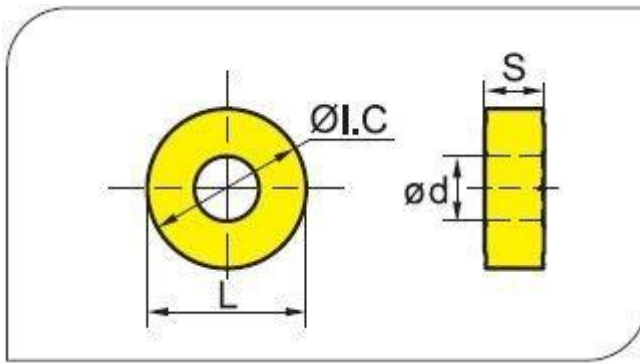
Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

RN--



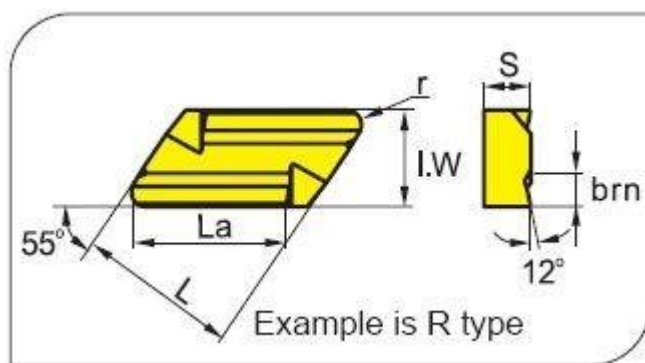
INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For roughing	For semi-finishing	For finishing	
	RNMG120400	12.7	12.7	4.76	5.16																			

Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

KN--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi finishing	For roughing	
	KNUX160405L11	16	16.15	9.525	2.2	0.5																		
	KNUX160410L11	16	16.15	9.525	2.2	1.0																		
	KNUX160405L12	16	16.15	9.525	2.2	0.5																		
	KNUX160410L12	16	16.15	9.525	2.2	1.0																		
	KNUX140415L12	16	16.15	9.525	2.2	1.5																		
	KNUX160405R11	16	16.15	9.525	2.2	0.5																		
	KNUX160410R11	16	16.15	9.525	2.2	1.0																		
	KNUX160405R12	16	16.15	9.525	2.2	0.5																		
	KNUX160410R12	16	16.15	9.525	2.2	1.0																		
	KNUX160415R12	16	16.15	9.525	2.2	1.5																		

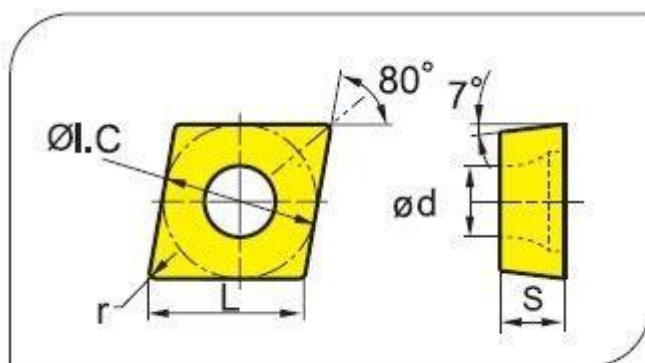
Appearance	
Chipbreaker	
Application instruction of general	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

CC--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated												Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRMI51	XRMI51	XRMI51	XRMI51	For finishing	For semi-finishing	For roughing
	CCMT060202	6.4	6.35	2.38	2.8	0.2															
	CCMT060204	6.4	6.35	2.38	2.8	0.4															
	CCMT09T302	9.7	9.525	3.97	4.4	0.2															
	CCMT09T304	9.7	9.525	3.97	4.4	0.4															
	CCMT09T308	9.7	9.525	3.97	4.4	0.8															
	CCMT120404	12.9	12.7	4.76	5.56	0.4															
	CCMT120408	12.9	12.7	4.76	5.56	0.8															
	CCMT120412	12.9	12.7	4.76	5.56	1.2															

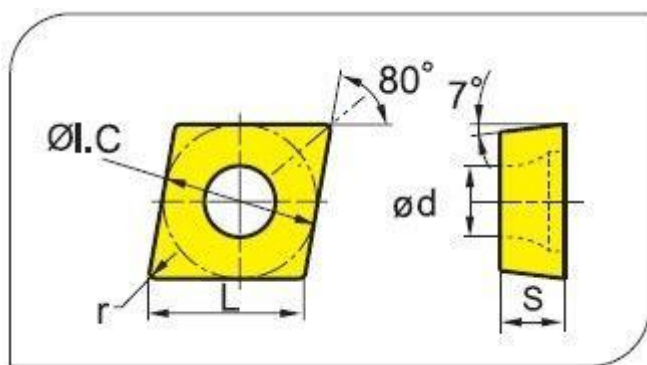
Appearance			
Chipbreaker	TF	TM	TR
Application instruction of general	Chipbreaker for finishing ISO P and M with wide application	Chipbreaker for semi-finishing ISO P and M with wide application	Chipbreaker for roughing ISO P and M with wide application

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

CC--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated												Application				
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	CCGX060202	6.4	6.35	2.38	2.8	0.2																	
	CCGX060204	6.4	6.35	2.38	2.8	0.4																	
	CCGX09T30 2	9.7	9.525	3.97	4.4	0.2																	
	CCGX09T30 4	9.7	9.525	3.97	4.4	0.4																	
	CCGX09T30 8	9.7	9.525	3.97	4.4	0.8																	
	CCGX120404	12.9	12.7	4.76	5.56	0.4																	
	CCGX120408	12.9	12.7	4.76	5.56	0.8																	
	CCGX120412	12.9	12.7	4.76	5.56	1.2																	

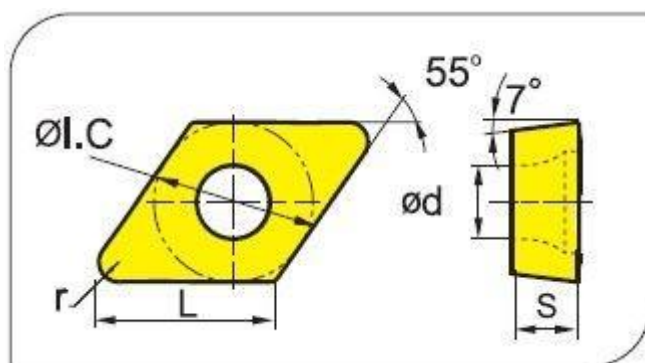
Appearance	
Chipbreaker	
Application instruction of general	Suitable for finishing Aluminum and Alunminum alloy

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

DC---



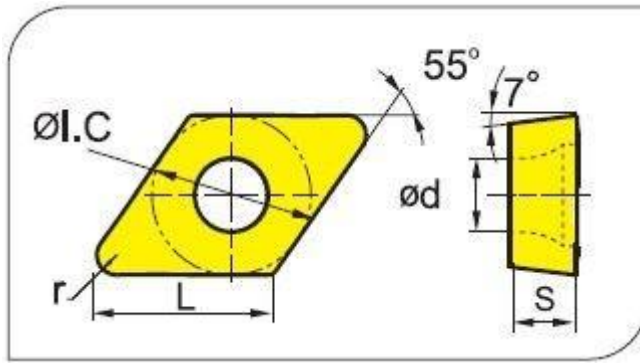
INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For-finishing	Forsemi-finishing	Forroughing	
	DCMT070202	7.8	6.35	2.3	2.8	0.2																		
	DCMT070204	7.8	6.35	2.3	2.8	0.4																		
	DCMT070208	7.8	6.35	2.3	2.8	0.8																		
	DCMT11T302	11.6	9.52	3.4	7.4	0.2																		
	DCMT11T304	11.6	9.52	3.4	7.4	0.4																		
	DCMT11T308	11.6	9.52	3.4	7.4	0.8																		
	DCMT11T312	11.6	9.52	3.4	7.4	1.2																		
Appearance																								
Chipbreaker	TF		TM		TR																			
Application instruction of general	Chipbreaker for finishing ISO P and M with wide application		Chipbreaker for semi-finishing ISO P and M with wide application		Chipbreaker for roughing ISO P and M with wide application																			

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

DC---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	I.C	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	DCGX070202	7.8	6.35	2.38	2.8	0.2																		
	DCGX070204	7.8	6.35	2.38	2.8	0.4																		
	DCGX070208	7.8	6.35	2.38	2.8	0.8																		
	DCGX11T302	11.6	9.525	9.37	4.4	0.2																		
	DCGX11T304	11.6	9.525	9.37	4.4	0.4																		
	DCGX11T308	11.6	9.525	9.37	4.4	0.8																		
	DCGX11T312	11.6	9.525	9.37	4.4	1.2																		

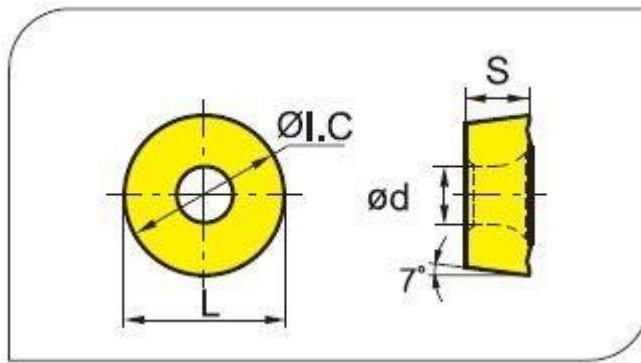
Appearance	
Chipbreaker	
Application instruction of general	Suitable for finishing Aluminum and Alunminum alloy

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

RC--



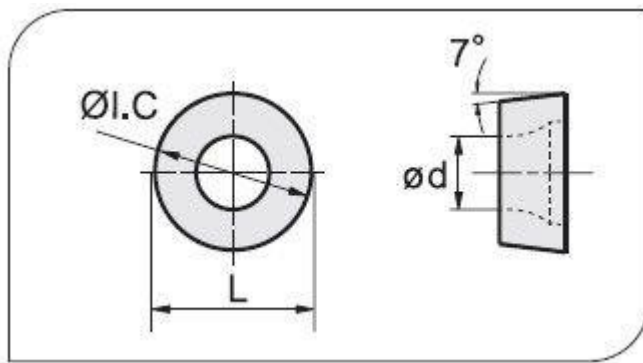
INSERTS SHAPE	ItemNo	Dimension(mm)						Coated														Application		
		L	IC	S	d	r		XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD252		For finishing	For semi-finishing	For roughing
	RCMT0803MO	8.0	8.0	3.18	3.36	—																		
	RCMT1003MO	10	10	3.18	3.6	—																		
	RCMT10T3MO	10	10	3.97	3.6	—																		
	RCMT1204MO	12	12	4.76	4.4	—																		
	RCMT1606MO	16	16	6.35	5.5	—																		

Appearance	
Chipbreaker	
Application instruction of general	Chipbreaker for semi-finishing

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

RC---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated												Application				
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	RCMT0803MO	8.0	8.0	3.18	3.36	—																	

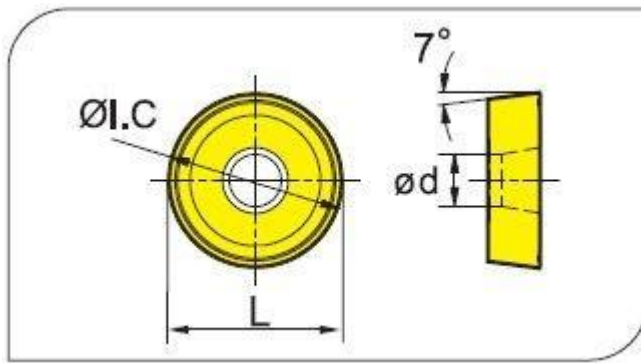
Appearance	
Chipbreaker	
Application instruction of general	Suitable for finishing Aluminum and Alunminum alloy

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

RC---



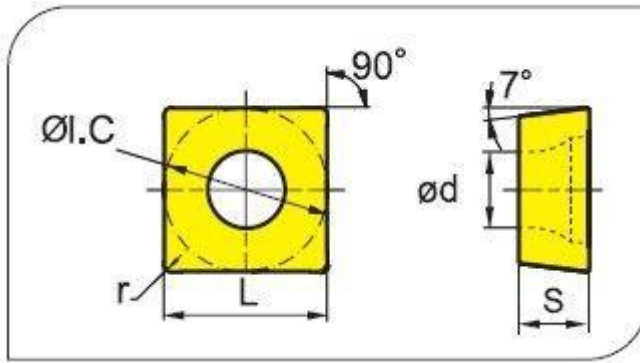
INSERTS SHAPE	ItemNo	Dimension(mm)						Coated														Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XR M151	XR M251	XRD102	XRD151	XRD152	XRD252		For finishing	For semi-finishing	For roughing
	RCMX0803MO	8.0	8.0	3.18	3.36	—																		
	RCMX1003MO	10	10	3.18	3.6	—																		
	RCMX1204MO	12	12	4.76	4.4	—																		
	RCMX1606MO	16	16	6.35	5.5	—																		
	RCMX2006MO	20	20	6.35	5.5	—																		
	RCMX2507MO	25	25	7.94	7.2	—																		
	RCMX3209MO	32	32	9.52	9.5	—																		

Appearance	
Chipbreaker	
Application instruction of general	Chipbreaker for semi-finishing and roughing

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

SC--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated														Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XR M151	XR M251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	SCMT09T302	9.525	9.525	3.97	4.4	0.2																	
	SCMT09T304	9.525	9.525	3.97	4.4	0.4																	
	SCMT09T308	9.525	9.525	3.97	4.4	0.8																	
	SCMT120404	12.7	12.7	4.76	5.56	0.4																	
	SCMT120408	12.7	12.7	4.76	5.56	0.8																	
	SCMT120412	12.7	12.7	4.76	5.56	1.2																	

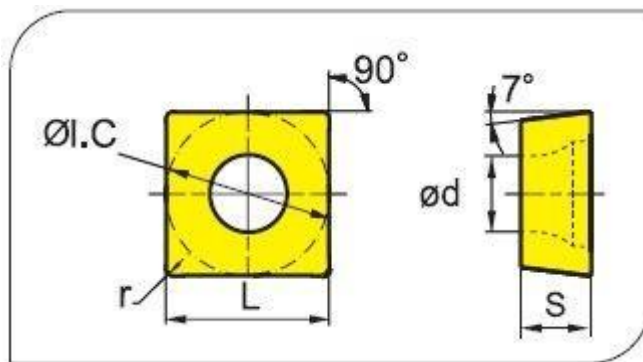
Appearance				
Chipbreaker	TF	TM	TR	
Application instruction of general	Chipbreaker for finishing ISO P and M with wide application	Chipbreaker for semi-finishing ISO P and M with wide application	Chipbreaker for roughing ISO P and M with wide application	Suitable for all machining

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

SC--



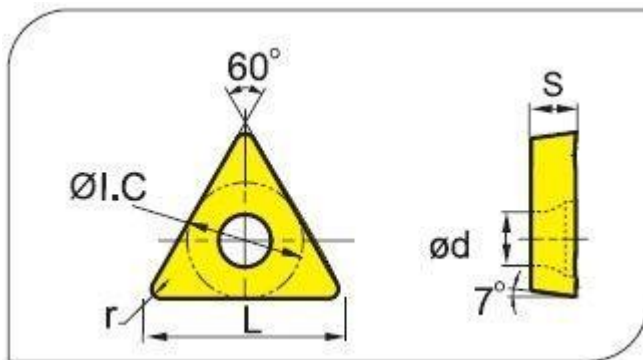
INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	SCGX09T302	9.525	9.525	3.97	4.4	0.2																		
	SCGX09T304	9.525	9.525	3.97	4.4	0.4																		
	SCGX09T308	9.525	9.525	3.97	4.4	0.8																		
	SCGX120404	12.7	12.7	4.76	5.56	0.4																		
	SCGX120408	12.7	12.7	4.76	5.56	0.8																		

Appearance	
Chipbreaker	
Application instruction of general	Suitable for finishing Aluminum and Alunminum alloy

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

TC--



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	TCMT06T104	6.4	3.97	1.98	2.2	0.4																		
	TCMT06T108	6.4	3.97	1.98	2.2	0.8																		
	TCMT090202	9.6	5.56	2.38	2.5	0.2																		
	TCMT090204	9.6	5.56	2.38	2.5	0.4																		
	TCMT090208	9.6	5.56	2.38	2.5	0.8																		
	TCMT110202	11	6.35	2.35	2.8	0.2																		
	TCMT110204	11	6.35	2.35	2.8	0.4																		
	TCMT110208	11	6.35	2.35	2.8	0.8																		
	TCMT16T302	16.5	9.525	3.97	4.4	0.2																		
	TCMT16T304	16.5	9.525	3.97	4.4	0.4																		
	TCMT16T308	16.5	9.525	3.97	4.4	0.8																		
	TCMT16T312	16.5	9.525	3.97	4.4	1.2																		

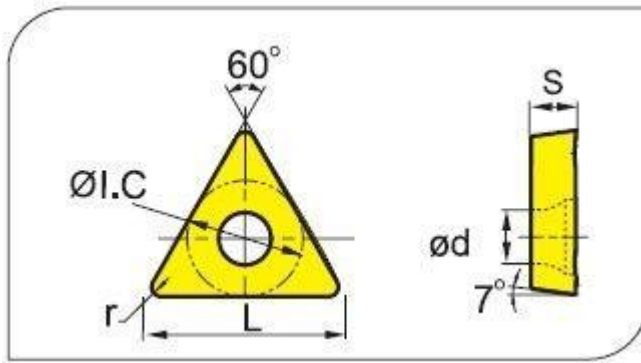
Appearance			
Chipbreaker	TF	TM	TR
Application instruction of general	Chipbreaker for finishing ISO P and M with wide application	Chipbreaker for semi-finishing ISO P and M with wide application	Chipbreaker for roughing ISO P and M with wide application

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

TC--



INSERT'S SHAPE	ItemNo	Dimension(mm)					Coated												Application				
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	TCGX090202	9.6	5.56	2.38	2.5	0.2																	
	TCGX090204	9.6	5.56	2.38	2.5	0.4																	
	TCGX110202	11	6.35	2.35	2.8	0.2																	
	TCGX110204	11	6.35	2.35	2.8	0.4																	
	TCGX110208	11	6.35	2.35	2.8	0.8																	
	TCGX16T302	16.5	9.525	3.97	4.4	0.2																	
	TCGX16T304	16.5	9.525	3.97	4.4	0.4																	
	TCGX16T308	16.5	9.525	3.97	4.4	0.8																	

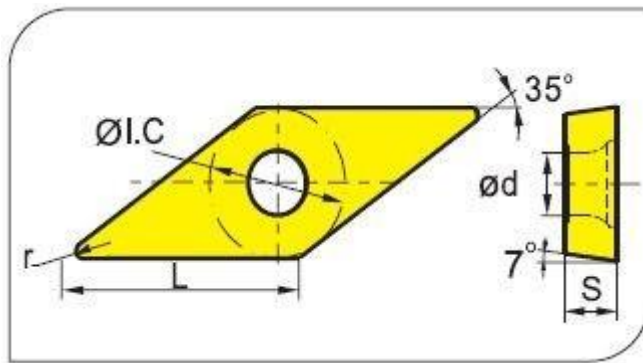
Appearance	
Chipbreaker	
Application instruction of general	Suitable for finishing Aluminum and Alunminum alloy

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

VC---



INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	LC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	VCGT110302	11	6.35	3.18	2.8	0.2																		
	VCGT110304	11	6.35	3.18	2.8	0.4																		
	VCGT160408	16.5	9.525	4.76	4.4	0.8																		

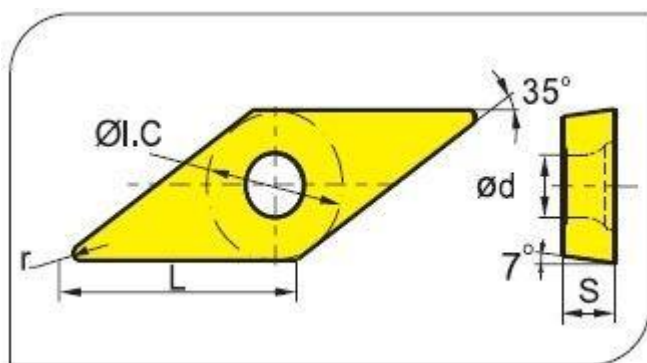
Appearance	
Chipbreaker	TF
Application instruction of general	Chipbreaker for finishing ISO P and M with wide application

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

VC--



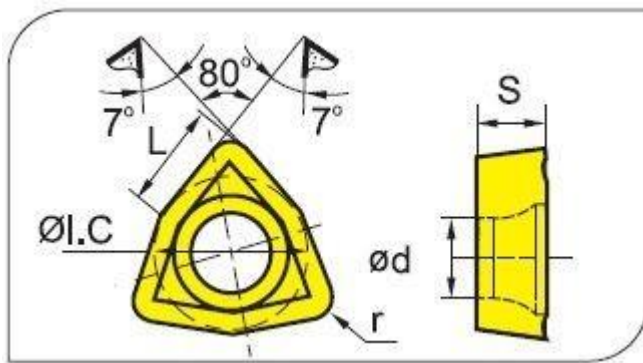
INSERTS SHAPE	ItemNo	Dimension(mm)					Coated															Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing	
	VCGX110202	11	6.35	2.38	2.8	0.2																		
	VCGX110204	11	6.35	2.38	2.8	0.4																		
	VCGX110301	11	6.35	3.18	2.8	0.1																		
	VCGX110302	11	6.35	3.18	2.8	0.2																		
	VCGX110304	11	6.35	3.18	2.8	0.4																		
	VCGX110308	11	6.35	3.18	2.8	0.8																		
	VCGX160402	16.6	9.525	4.76	4.4	0.2																		
	VCGX160404	16.6	9.525	4.76	4.4	0.4																		
	VCGX160408	16.6	9.525	4.76	4.4	0.8																		
	VCGX160412	16.6	9.525	4.76	4.4	1.2																		
	VCGX220530	22	12.7	5.56	5.5	3.0																		

Appearance	
Chipbreaker	
Application instruction of general	Suitable for finishing Aluminum and Alunminum alloy

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

WC---



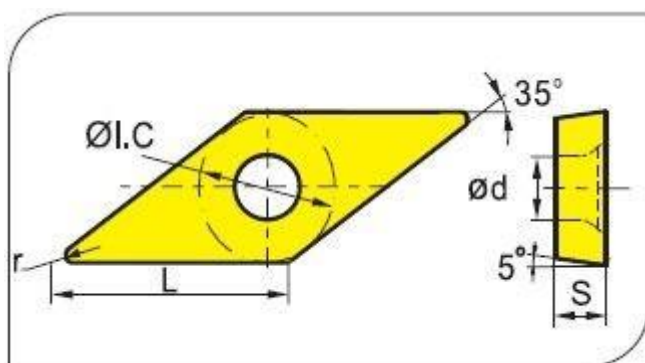
INSERTS SHAPE	ItemNo	Dimension(mm)						Coated														Application		
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XR M151	XR M251	XRD102	XRD151	XRD152	XRD252		For finishing	For semi-finishing	For roughing
	WCMX040208R-53	4.3	6.35	2.38	3.1	0.8																		
	WCMX06T308R-53	6.5	9.52	3.97	3.7	0.8																		
	WCMX080412R-53	8.7	12.7	4.76	4.3	1.2																		

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

VB--



INSERTSSHAPE	ItemNo	Dimension(mm)					Coated													Application			
		L	IC	S	d	r	XRC151	XRC152	XRC251	XRC252	XRC351	XRG102	XRG202	XRG302	XRM151	XRM251	XRD102	XRD151	XRD152	XRD252	For finishing	For semi-finishing	For roughing
	VBMT110202	11	6.35	2.38	2.8	0.2																	
	VBMT110204	11	6.35	2.38	2.8	0.4																	
	VBMT110208	11	6.35	2.38	2.8	0.8																	
	VBMT110302	11	6.35	3.18	2.8	0.2																	
	VBMT110304	11	6.35	3.18	2.8	0.4																	
	VBMT110308	11	6.35	3.18	2.8	0.8																	
	VBMT160404	16.5	9.525	4.76	4.4	0.4																	
	VBMT160408	16.5	9.525	4.76	4.4	0.8																	
	VBMT160412	16.5	9.525	4.76	4.4	1.2																	

Appearance			
Chipbreaker	TF	TM	TR
Application instruction of general	Chipbreaker for finishing ISO P and M with wide application	Chipbreaker for semi-finishing ISO P and M with wide application	Chipbreaker for roughing ISO P and M with wide application

сайт: <http://www.imperial-tools.ru>

e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51

ISO														
Code		Coating		Cemet	Coated cemet	Ceramic	Cemented carbide	PCBN	PCD					
		CVD	PVD											
P Steel	01													
	10	XRC151					XR10							
	20	XRC251	XRC152											
	30		XRC252											
	40		XRC351				XR40							
M Stainless steel	01													
	10	XRM151												
	20	XRM251												
	30													
	40													
K Cast iron	01													
	10	XRD052					XRD051							
	20	XRD102	XRD152				XRD201							
	30		XRD151											
	40		XRD252											
N Non ferrous metal	01													
	10													
	20						XRD101							
	30													
	40													
S Heat resistant alloy & Ti alloy	01													
	10						XRD101							
	20													
	30													
	40													
H Super hard material	01													
	10													
	20													
	30													
	40													

сайт: <http://www.imperial-tools.ru>e-mail: info@imperial-tools.ru

тел: 8(423) 2-72-64-51