


**BSTG16**

SET 5 BASES  
16 MM


**BU3550**

5 BUSHING  
SET


**BSCL09**

SET 5 BASES  
9 MM


**BSCL12**

SET 5 BASES  
12 MM


**BU4560**

5 BUSHING  
SET


**BSSS12**

5 SQUARE  
BASES 12 MM


**BSVJ16**

SET 5 BASES  
16 MM


**BSDJ11**

5 RHOMBIC  
BASES 11MM


**BU4050**

5 BUSHING  
SET


**RICAPCLN**

BASE  
BRACKET  
SCREW KIT


**RICAPTGN**

BASE  
BRACKET  
SCREW KIT


**RICAPSSN**

BASE  
BRACKET  
SCREW KIT


**STAFCKJNR**

RIGHT TOOL  
BRACKET


**STAFCKJNL**

LEFT TOOL  
BRACKET


**BASECKJNR**

CARBIDE BASE  
RIGHT TOOL


**BASECKJNL**

CARBIDE BASE  
LEFT TOOL


**VITECKJN**

TOOL SCREW


**PDJNRKIT**

KIT PARTS


**PWLNRRKIT**

BASE  
BRACKET  
SCREW KIT


**MCLNBASE25/32**

BASE


**CTMTMC16/20**

TOOL  
BRACKET 16  
- 20


**CTMTMC25/32**

TOOL  
BRACKET 25  
- 32


**MTFNBASE25/32**

BASE


**CTFP10/12**

TOOL  
BRACKET


**CTFPBASE25/32**

BASE  
For 25 - 32.


**BSER16**

5 CARBIDE  
BASE 16 MM


**VT00440**

5 PCS MILL  
SCREWS


**BSNR16**

5 CARBIDES  
16 mm.


**F256/648**

MILL SCREW  
080/125


**KVX**

SCREWS 10 PCS


**F256/644**

MILL SCREW  
040/063


**WSSP**

BASE



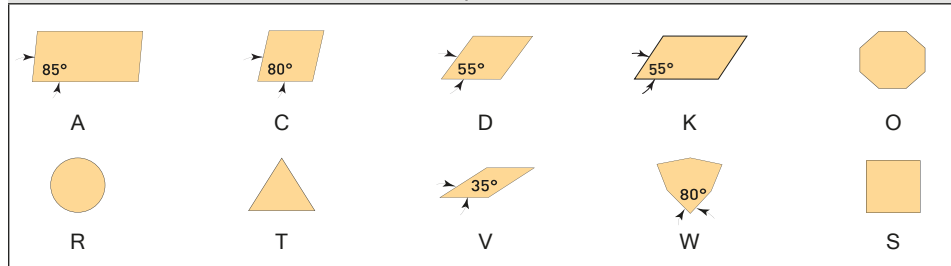
Art.	Screw
KV200	T8 / M2
KV250	T8 / M2,5
KV300	T15 / M3
KV350	T15 / M3,5
KV400	T15 / M4
KV401	T20 / M4
KV450	T15 / M4,5
KV500	T20 / M5



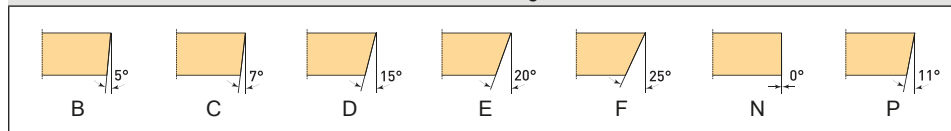
## IDENTIFICATION OF TURNING AND MILLING INSERTS

<b>C</b>	<b>N</b>	<b>M</b>	<b>G</b>	<b>12</b>	<b>04</b>	<b>08</b>
1	2	3	4	5	6	7

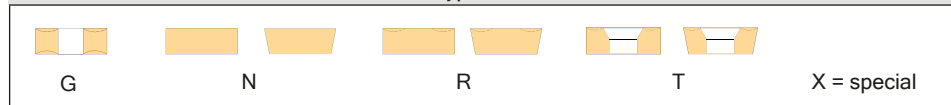
### 1 - Shape of insert



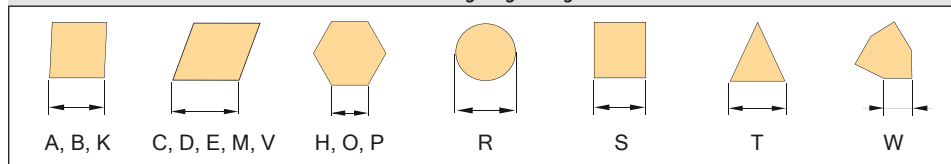
### 2 - Relief angle



### 4 - Type of insert



### 5 - Cutting edge length



### 7 - Radius

	04	r 0,4
	08	r 0,8
	12	r 1,2
	10	r 1,0

### 3 - Tolerance

	<b>m</b>	<b>s</b>	<b>d</b>
E	0,025	0,025	0,025
H	0,013	0,025	0,013
L	0,025	0,025	0,05 - 0,13
K	0,013	0,025	0,05 - 0,13
M	0,08	0,13	0,05 - 0,13
U	0,13 - 0,38	0,13 - 0,13	0,08 - 0,25

### 6 - Thickness

02	2,38 mm		
03	3,18 mm		
T3	3,97 mm		
04	4,76 mm		
05	5,56 mm		
06	6,35 mm		

## ISO MATERIAL CLASSIFICATION

<b>P</b>	<b>M</b>	<b>K</b>
Lead and case-hardening steels, tempering and construction steels	Ferritic, austenitic, martensitic, duplex steels	Gray, hardened, spheroidal cast iron, CGI cast iron, sintered iron

## CHARACTERISTICS OF INSERT GRADES

Grade	Coating	Work condition	Coolant	
N	CVD	Stable/Normal	X	
134	PVD	Stable/Normal		X
234	PVD	Stable/Normal		X
25	PVD	Stable		X
20A	PVD	Stable/Normal	X	X
F15	CVD	Stable	X	X
F25	CVD	Stable/Normal	X	X
M25	CVD	Stable/Normal	X	X
M35	CVD	Normal/Interrupted	X	X

	Description
	Coating
<b>CVD</b>	They are characterised by high wear resistance and excellent adhesion to carbide. In general turning they are applied in stainless steels and in the ISO P,M,K ranges.
<b>PVD</b>	They increase wear resistance due to their hardness. Their compressive stresses contribute to increased cutting edge toughness and resistance to comb crack formation.
<b>Work condition</b>	
<b>Stable</b>	Type of cut in which the insert has a homogeneous working condition.
<b>Normal</b>	Type of cut in which the insert may have an interrupted/repeated cutting condition.
<b>Interrupted</b>	Type of cut in which the insert will have several interruptions/restarts during processing.

## IDENTIFICATION OF THREADING INSERTS

<b>16</b>	<b>E</b>	<b>R</b>	<b>175</b>	<b>ISO</b>
A1	A2	A3	A4	A5

A3 - Cutting direction	
R	Right
L	Left

A5 - Thread profile	
ISO	60° Metric Thread
W	Thread Whitworth 55°
AG60	60° Profile ( Free Thread ) 0,5 - 3 mm
AG55	55° Profile ( Free Thread ) 28 - 11 TPI

A1 - Cutting edge length	
l	d
11	6,35
16	9,525
22	12,7

A2 - Threading	
E	I
External	Internal

A4 - Thread pitch	
mm	Threads/Inch
$\frac{A4}{100}$ (0,5 - 3 mm)	(28 - 11 TPI)

## GUIDE TO CHOOSING THE INSERT

Type of insert	Materials			Field of use			Type of processing	
	P	M	K	Finish	Medium	Roughing	Turning	Milling
CCMTx	●	○	○	✓			✓	
CCMTxA	●	○	○	✓			✓	
CNMGx	●	○	○	✓	✓		✓	
CNMGxF15	●	○	○	✓			✓	
CNMGxF25	○	○	○	✓			✓	
CNMGxM25	●	○	○		✓		✓	
CNMGxM35	○	○	○		✓		✓	
DCMTx	●	○	○	✓			✓	
DCMTxA	●	●	○	✓			✓	
DNMGx	●	○	○		✓		✓	
DNMGxM25	●	○	○		✓		✓	
DNMGxM35	○	○	○		✓		✓	
KNUx	●	○	○	✓			✓	
SCMTx	●	●	○	✓			✓	
SCMTxA1	●	○	○	✓			✓	
SCMTxA2	●	●	○	✓	✓		✓	
SCMTxA3	●	●	○	✓	✓		✓	
SNMGxF15	●	○	○	✓			✓	
SNMGxF25	○	○	○	✓			✓	
SNMGxM25	●	○	○		✓		✓	
SNMGxM35	○	○	○		✓		✓	
SPMRx	●	○	○	✓			✓	
TCMTx	●	●	○	✓	✓		✓	
TCMTxA	●	○	○	✓			✓	
WNMGx	●	○	○		✓		✓	
WNMGxM25	●	○	○		✓		✓	
WNMGxM35	○	○	○		✓		✓	



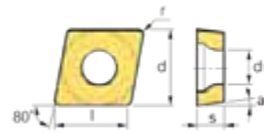
Type of insert	Materials			Field of use			Type of processing	
	P	M	K	Finish	Medium	Roughing	Turning	Milling
TNMGx	●	●	○	✓			✓	
TNMGxF15	●	●	○	✓			✓	
TNMGxF25	●	●	○	✓			✓	
TNMGxM25	●	●	○		✓		✓	
TNMGxM35	○	●	○		✓		✓	
TPMRx	●	●	○	✓			✓	
VBMTx	○	●	○	✓			✓	
VBMTxA	●	●	○	✓	✓		✓	
ADLTx	●	●	○		✓	✓		✓
ADLTxA	●	●	○		✓	✓		✓
ADLTxA1	●	●	○		✓	✓		✓
APKTx	○	●	○		✓			✓
OFEXx	●	●	○	✓	✓			✓
OFEXxA	●	●	○	✓	✓			✓
ONMXxA	●	●	○	✓	✓			✓
RDHTx	●	●	○		✓	✓		✓
RPMTx	●	●	○		✓	✓		✓
SEHTx	●	●	○	✓	✓			✓
SEHTxA	○	●	○	✓	✓			✓
SEKNx	●	●	○		✓	✓		✓
SEHXx	○	●	○		✓	✓		✓
SEHXxA	●	○	○		✓	✓		✓
SNMXx	●	●	○	✓	✓			✓
SPKNx	●	○	○		✓	✓		✓
TPKNx	●	○	○		✓	✓		✓
GCMX	●	●	○				✓	
GCMXA	●	●	○				✓	

**Key**

- Recommended Application
- Possible Application
- ✓ Recommended field of application

**CCMTX**
**TURNING INSERTS**

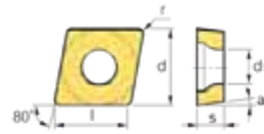
Positive.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
CCMT060204N	6 mm	6.35 mm	6.30 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
CCMT09T304N	9 mm	9.52 mm	9.70 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
CCMT09T308N	9 mm	9.52 mm	9.70 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
CCMT120408N	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

**CCMTXA**
**TURNING INSERTS**

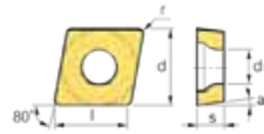
Positive.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
CCMT06020420A	6 mm	6.35 mm	6.30 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
CCMT09T30420A	9 mm	9.52 mm	9.70 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
CCMT09T30820A	9 mm	9.52 mm	9.70 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
CCMT12040820A	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

**CNMGX**
**TURNING INSERTS**

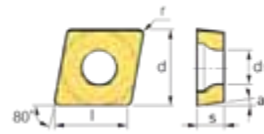
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404N	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10
CNMG120408N	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

**CNMGXF15**
**TURNING INSERTS**

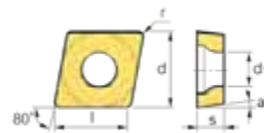
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F15	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10

**CNMGXF25**
**TURNING INSERTS**

Negative.



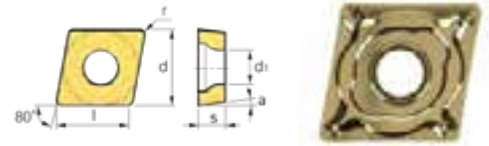
Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120404F25	12 mm	12.70 mm	12.90 mm	4.76 mm	0.40 mm	5.16 mm	-	10



**CNMGXM25**

**TURNING INSERTS**

Negative.

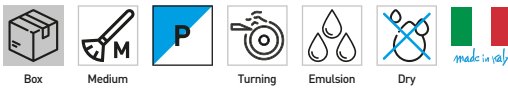
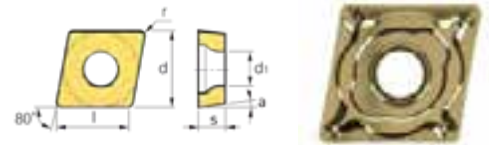


Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M25	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

**CNMGXM35**

**TURNING INSERTS**

Negative.

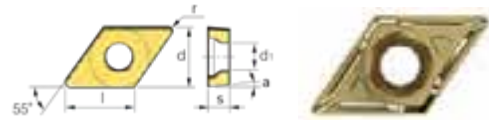


Art.	Dimensions	d	l	S	r	d1	a°	Pack
CNMG120408M35	12 mm	12.70 mm	12.90 mm	4.76 mm	0.80 mm	5.16 mm	-	10

**DCMTX**

**TURNING INSERTS**

Positive.

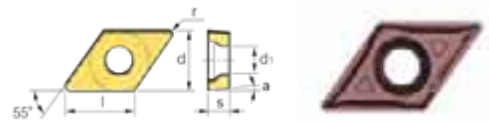


Art.	Dimensions	d	l	S	r	d1	a°	Pack
DCMT070204N	7 mm	6.35 mm	7.70 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
DCMT11T304N	11 mm	9.52 mm	11.60 mm	3.97 mm	0.40 mm	2.20 mm	7°	10

**DCMTXA**

**TURNING INSERTS**

Positive.

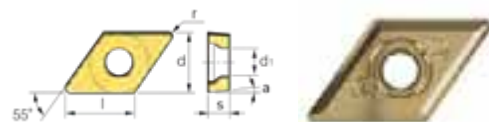


Art.	Dimensions	d	l	S	r	d1	a°	Pack
DCMT07020420A	7 mm	6.35 mm	7.70 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
DCMT11T30420A	11 mm	9.52 mm	11.60 mm	3.97 mm	0.40 mm	2.20 mm	7°	10

**DNMGX**

**TURNING INSERTS**

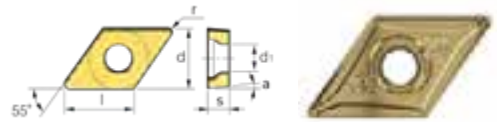
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608N	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

**DNMGXM25**
**TURNING INSERTS**

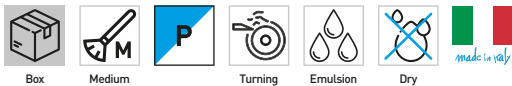
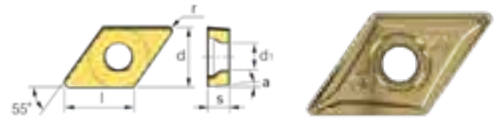
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M25	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

**DNMGXM35**
**TURNING INSERTS**

Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
DNMG150608M35	15 mm	12.70 mm	15.50 mm	6.35 mm	0.80 mm	5.20 mm	-	10

**KNUX**
**TURNING INSERTS**

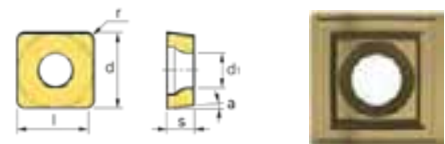
Positive.



Art.	Dimensions	d	l	S	r	a°	Pack
KNUX160405RN	16 mm	9.52 mm	19.72 mm	4.76 mm	0.50 mm	-	10
KNUX160410RN	16 mm	9.52 mm	19.72 mm	4.76 mm	1.00 mm	-	10
KNUX160405LN	16 mm	9.52 mm	19.72 mm	4.76 mm	0.50 mm	-	10
KNUX160410LN	16 mm	9.52 mm	19.72 mm	4.76 mm	1.00 mm	-	10

**SCMTX**
**TURNING INSERTS**

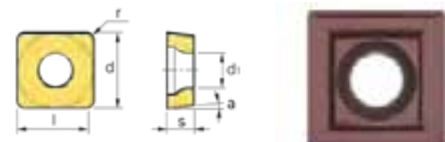
Positive.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T304N	9 mm	9.52 mm	9.52 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
SCMT09T308N	9 mm	9.52 mm	9.52 mm	3.97 mm	0.80 mm	4.40 mm	7°	10
SCMT120408N	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

**SCMTXA1**
**TURNING INSERTS**

Positive.



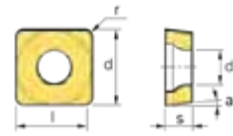
Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30420A	9 mm	9.52 mm	9.52 mm	3.97 mm	0.40 mm	4.40 mm	7°	10



**SCMTXA2**

**TURNING INSERTS**

Positive.

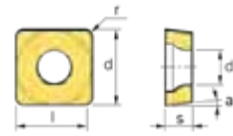


Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT09T30820A	9 mm	9.52 mm	9.52 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

**SCMTXA3**

**TURNING INSERTS**

Positive.

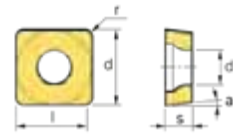


Art.	Dimensions	d	l	S	r	d1	a°	Pack
SCMT12040820A	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.50 mm	7°	10

**SNMGXF15**

**TURNING INSERTS**

Negative.

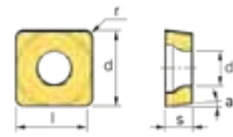


Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F15	12 mm	12.70 mm	12.70 mm	4.76 mm	0.40 mm	5.16 mm	-	10

**SNMGXF25**

**TURNING INSERTS**

Negative.

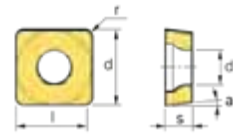


Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120404F25	12 mm	12.70 mm	12.70 mm	4.76 mm	0.40 mm	5.16 mm	-	10

**SNMGXM25**

**TURNING INSERTS**

Negative.

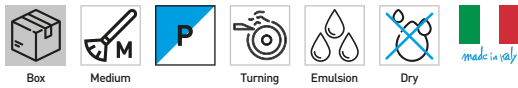
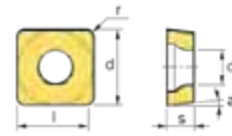


Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M25	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.16 mm	-	10



**SNMGXM35**
**TURNING INSERTS**

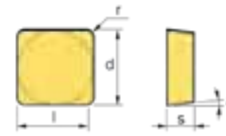
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
SNMG120408M35	12 mm	12.70 mm	12.70 mm	4.76 mm	0.80 mm	5.16 mm	-	10

**SPMRX**
**TURNING INSERTS**

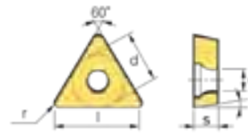
Positive.



Art.	Dimensions	d	l	S	r	a°	Pack
SPMR120304N	12 mm	12.70 mm	12.70 mm	3.18 mm	0.40 mm	11°	10
SPMR120308N	12 mm	12.70 mm	12.70 mm	3.18 mm	0.80 mm	11°	10

**TCMTX**
**TURNING INSERTS**

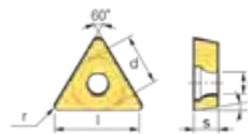
Positive.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
TCMT090204N	9 mm	3.40 mm	9.63 mm	2.38 mm	0.40 mm	2.50 mm	7°	10
TCMT110204N	11 mm	6.35 mm	11.00 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
TCMT16T304N	16 mm	9.52 mm	16.50 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
TCMT16T308N	16 mm	9.52 mm	16.50 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

**TCMTXA**
**TURNING INSERTS**

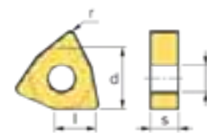
Positive.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
TCMT09020420A	9 mm	3.40 mm	9.63 mm	2.38 mm	0.40 mm	2.50 mm	7°	10
TCMT11020420A	11 mm	6.35 mm	11.00 mm	2.38 mm	0.40 mm	2.80 mm	7°	10
TCMT16T30420A	16 mm	9.52 mm	16.50 mm	3.97 mm	0.40 mm	4.40 mm	7°	10
TCMT16T30820A	16 mm	9.52 mm	16.50 mm	3.97 mm	0.80 mm	4.40 mm	7°	10

**WNMGX**
**TURNING INSERTS**

Negative.



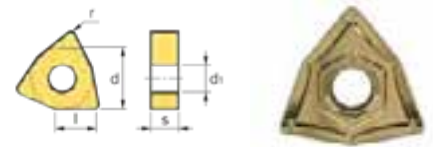
Art.	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408N	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10



**WNMGXM25**

**TURNING INSERTS**

Negative.

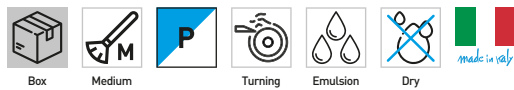
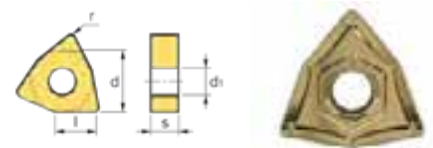


Art.	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M25	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

**WNMGXM35**

**TURNING INSERTS**

Negative.

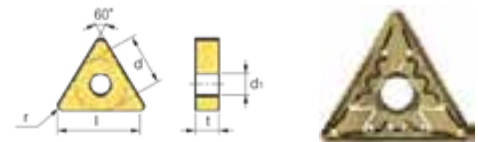


Art.	Dimensions	d	l	S	r	d1	a°	Pack
WNMG080408M35	8 mm	12.70 mm	8.70 mm	4.76 mm	0.80 mm	5.10 mm	-	10

**TNMGX**

**TURNING INSERTS**

Negative.

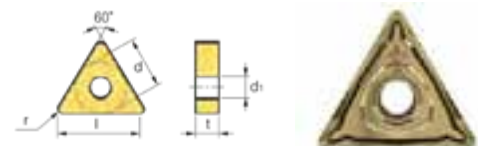


Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404N	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10
TNMG160408N	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10
TNMG220408N	22 mm	12.70 mm	18.25 mm	4.76 mm	0.80 mm	5.16 mm	-	10

**TNMGXF15**

**TURNING INSERTS**

Negative.

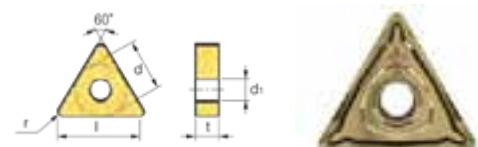


Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F15	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10

**TNMGXF25**

**TURNING INSERTS**

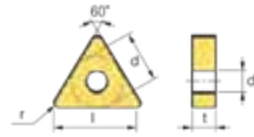
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160404F25	16 mm	9.52 mm	16.50 mm	4.76 mm	0.40 mm	3.81 mm	-	10

**TNMGXM25**
**TURNING INSERTS**

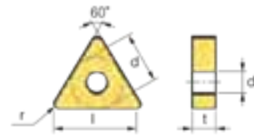
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M25	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10

**TNMGXM35**
**TURNING INSERTS**

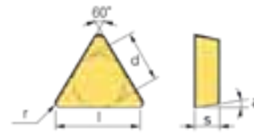
Negative.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
TNMG160408M35	16 mm	9.52 mm	16.50 mm	4.76 mm	0.80 mm	3.81 mm	-	10

**TPMRX**
**TURNING INSERTS**

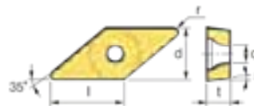
Positive.



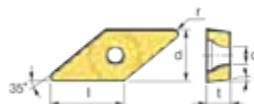
Art.	Dimensions	d	l	S	r	a°	Pack
TPMR110304N	11 mm	5.98 mm	10.37 mm	3.18 mm	0.40 mm	11°	10
TPMR110308N	11 mm	5.98 mm	10.37 mm	3.18 mm	0.80 mm	11°	10
TPMR160304N	16 mm	9.23 mm	16 mm	3.18 mm	0.40 mm	11°	10
TPMR160308N	16 mm	9.23 mm	16 mm	3.18 mm	0.80 mm	11°	10

**VBMTX**
**TURNING INSERTS**

Positive.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
VBMT160404N	16 mm	9.52 mm	16.60 mm	4.76 mm	0.40 mm	4.40 mm	5°	10

**VBMTXA**


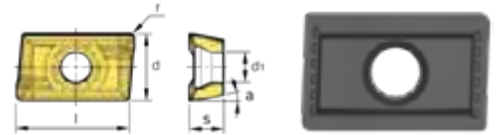
Art.	Dimensions	d	l	S	r	d1	a°	Pack
VBMT16040420A	16 mm	9.52 mm	16.60 mm	4.76 mm	0.40 mm	4.40 mm	5°	10



**ADLTXA**

**MILLING INSERTS**

90°.

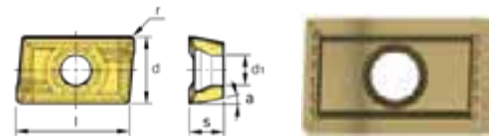


Art.	Dimensions	d	l	S	r	d1	a°	Pack
ADLT150308R20A	15 mm	9.52 mm	14.5 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

**ADLTX**

**MILLING INSERTS**

90°.

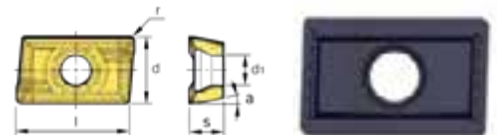


Art.	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR234	15 mm	9.52 mm	14.50 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

**ADLTXA1**

**MILLING INSERTS**

90°.

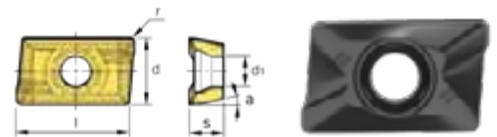


Art.	Dimensions	d	l	S	r	d1	a°	Pack
ADLT1503ZZR20A	15 mm	9.52 mm	14.50 mm	3.18 mm	0.80 mm	4.50 mm	15°	10

**APKTX**

**MILLING INSERTS**

90°.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
APKT1003PDER20A	10 mm	6.70 mm	10.00 mm	3.18 mm	0.50 mm	3.20 mm	11°	10
APKT1604PDER20A	16 mm	9.50 mm	16.30 mm	4.76 mm	0.90 mm	4.40 mm	11°	10

**OFEXX**

**MILLING INSERTS**

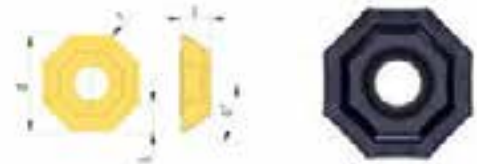
45°.



Art.	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T305234	5 mm	12.80 mm	3.70 mm	3.97 mm	0.50 mm	4.56 mm	25°	10

**OFEXXA**
**MILLING INSERTS**

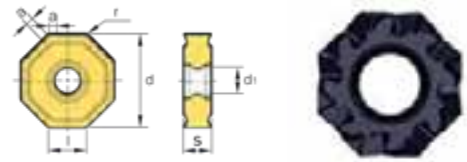
45°.



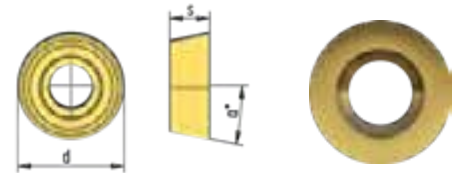
Art.	Dimensions	d	l	S	r	d1	a°	Pack
OFEX05T30520A	5 mm	12.80 mm	3.70 mm	3.97 mm	0.50 mm	4.56 mm	25°	10

**ONMXXA**
**MILLING INSERTS**

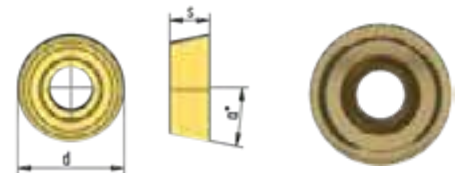
45°.



Art.	Dimensions	d	l	S	d1	a°	Pack
ONMX120520A	12 mm	12.70 mm	1.50 mm	5.56 mm	6.00 mm	-	10

**RDHTX**
**MILLING INSERTS**


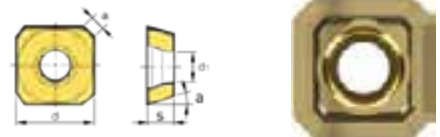
Art.	Dimensions	d	S	a°	Pack
RDHT10T3M0-N	10 mm	10 mm	3.97 mm	15°	10

**RPMTX**
**MILLING INSERTS**


Art.	Dimensions	d	S	a°	Pack
RPMT1204N	12 mm	12 mm	4.76 mm	11°	10

**SEHTX**
**MILLING INSERTS**

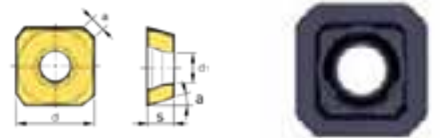
45°.



Art.	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN234	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

**SEHTXA**
**MILLING INSERTS**

45°.



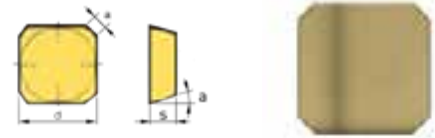
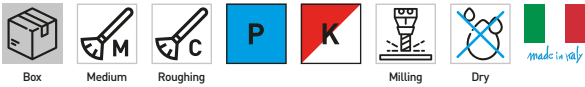
Art.	Dimensions	d	a	S	d1	a°	Pack
SEHT1204AFN20A	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10



**SEKNX**

**MILLING INSERTS**

45°.

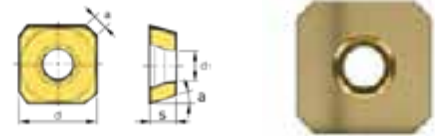


Art.	Dimensions	d	a	S	a°	Pack
SEKN1203AFN25	12 mm	12.70 mm	1.80 mm	3.18 mm	20°	10

**SEHXX**

**MILLING INSERTS**

45°.

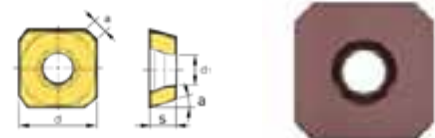


Art.	Dimensions	d	a	S	d1	a°	Pack
SEHX1204234	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

**SEHXXA**

**MILLING INSERTS**

45°.



Art.	Dimensions	d	a	S	d1	a°	Pack
SEHX120420A	12 mm	12.70 mm	1.80 mm	4.76 mm	5.50 mm	20°	10

**SNMXX**

**MILLING INSERTS**

45°



Art.	Dimensions	d	a	S	d1	a°	Pack
SNMX120520A	12 mm	12.70 mm	1.80 mm	5.56 mm	6.00 mm	-	10

**SPKNX**

**MILLING INSERTS**



Art.	Dimensions	l	a	S	a°	Pack
SPKN1203R25	12 mm	12.7 mm	1.40 mm	3.18 mm	11°	10

**TPKNX**

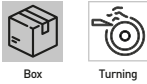
**MILLING INSERTS**



Art.	Dimensions	d	l	a	S	a°	Pack
TPKN1603R25	16 mm	9.52 mm	16.50 mm	1.47 mm	3.18 mm	11°	10
TPKN2204R25	22 mm	12.70 mm	22.00 mm	1.47 mm	4.76 mm	11°	10

**16IRX**
**INTERNAL THREAD INSERTS**

ISO 9



Art.	Thread	Pack
11IRA55134	Whitworth 28 - 11 TPI	10
11IRA60134	Metric 0.2 - 3 mm	10
16IR100ISO134	P. Metric 1 mm	10
16IR125ISO134	P. Metric 1.25 mm	10
16IR150ISO134	P. Metric 1.50 mm	10
16IR175ISO134	P. Metric 1.75 mm	10
16IR200ISO134	P. Metric 2.00 mm	10
16IR250ISO134	P. Metric 2.50 mm	10
16IR300ISO134	P. Metric 3.00 mm	10
16IRAG60134	Metric 0.2 - 3 mm	10
16IR14W134	Whitworth 14 TPI	10
16IR11W134	Whitworth 11 TPI	10
16IRAG55134	Whitworth 28 - 11 TPI	10

**GCMX**
**CUTTING INSERTS**

ISO 6



Art.	d	r	Pack
GCMX2N134	2.20 mm	0.20 mm	10
GCMX3N134	3.10 mm	0.20 mm	10
GCMX4N134	4.10 mm	0.20 mm	10
GCMX5N134	5.10 mm	0.30 mm	10

**165X**
**GROOVE INSERTS**


Art.	Thickness	Pack
165110134	1.10 mm	10
165130134	1.30 mm	10
165160134	1.60 mm	10
165185134	1.85 mm	10
165215134	2.15 mm	10
165265134	2.65 mm	10
165315134	3.15 mm	10

**16ERX**
**EXTERNAL THREAD INSERTS**


Art.	Thread	Pack
16ER100ISO134	P. Metric 1 mm	10
16ER125ISO134	P. Metric 1.25 mm	10
16ER150ISO134	P. Metric 1.50 mm	10
16ER175ISO134	P. Metric 1.75 mm	10
16ER200ISO134	P. Metric 2.00 mm	10
16ER250ISO134	P. Metric 2.50 mm	10
16ER300ISO134	P. Metric 3.00 mm	10
16ERAG60134	Metric 0.2 - 3 mm	10
16ER14W134	Whitworth 14 TPI	10
16ER11W134	Whitworth 11 TPI	10
16ERAG55134	Whitworth 28 - 11 TPI	10

**GCMXA**
**CUTTING INSERTS**

ISO 2

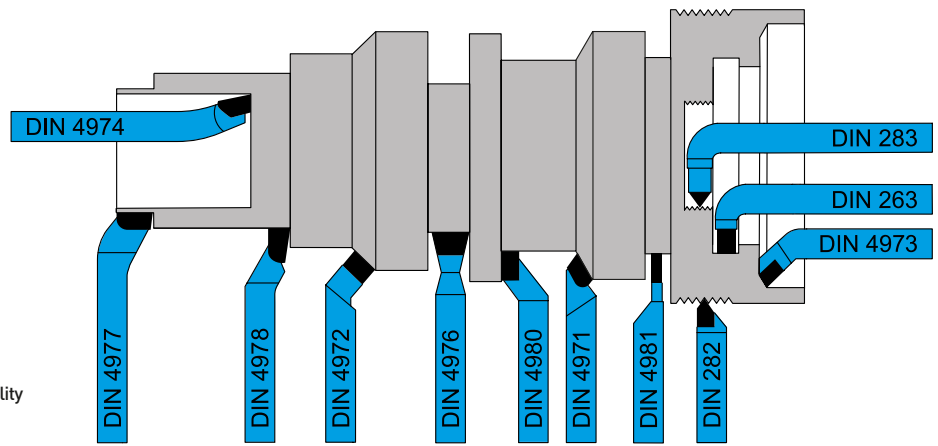


Art.	d	r	Pack
GCMX2N20A	2.20 mm	0.20 mm	10
GCMX3N20A	3.10 mm	0.20 mm	10
GCMX4N20A	4.10 mm	0.20 mm	10
GCMX5N20A	5.10 mm	0.30 mm	10



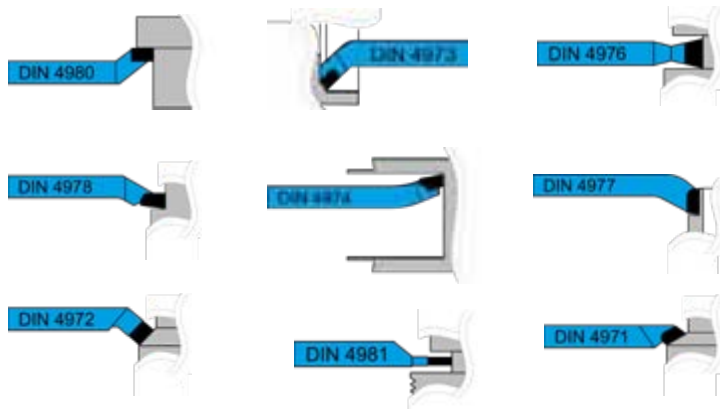


# FERVI CARBIDE TIPPED LATHE IDENTIFICATION



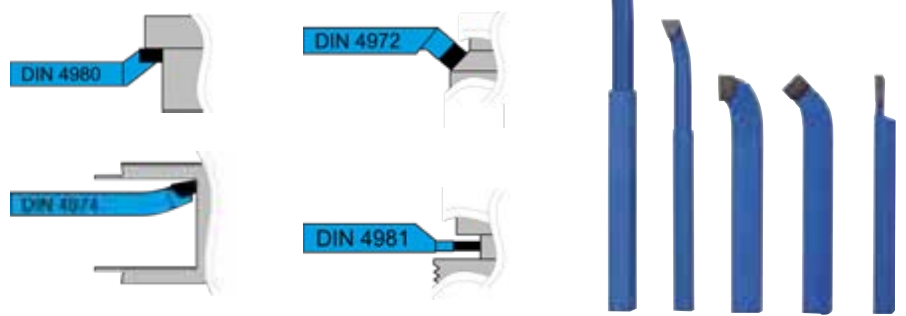
Explore our wide selection of brazed with heat-welded inserts and select the most suitable model based on the specific processing you need to perform. With our comprehensive range, we guarantee versatile, high-quality solutions to meet your needs.

## BR10- CARBIDE TIPPED LATHE TOOL SET NEW



Art.	Dimensions
BR10/10	10 x 10 x L150 mm (ISO 8 DIN 4973, ISO 9 DIN 4974) 10 x 10 x L90 mm (ISO 1 DIN 4971, ISO 2 DIN 4972, ISO 6R DIN 4980, ISO 6L DIN 4980, ISO 7 DIN 4981) 6 x 10 x L90 mm (ISO 3R DIN 4978, ISO 4 DIN 4976, ISO 5 DIN 4977)
BR10/12	12 x 12 x L180 mm (ISO 8 DIN 4973, ISO 9 DIN 4974) 12 x 12 x L100 mm (ISO 1 DIN 4971, ISO 2 DIN 4972, ISO 6R DIN 4980, ISO 6L DIN 4980) 8 x 12 x L100 mm (ISO 3R DIN 4978, ISO 4 DIN 4976, ISO 5 DIN 4977, ISO 7 DIN 4981)

## B005- CARBIDE TIPPED LATHE TOOL SET

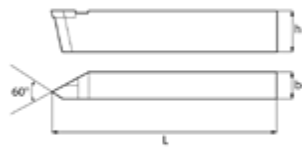


Art.	Kit
B005	1BRAS411108RP - 1BRAS411110RP - 1BRAS410312RP - 1BRAS410412RP - 1BRAS410912RP
B005/16	1BRAS411110RP - 1BRAS411112RP - 1BRAS410316RP - 1BRAS410416RP - 1BRAS410916RP
B005/20	1BRAS411112RP - 1BRAS411116RP - 1BRAS410320RP - 1BRAS410420RP - 1BRAS410920RP



**BRFEX**
**CARBIDE TIPPED TOOL FOR EXTERNAL THREAD**

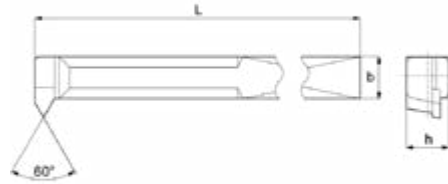
For the execution of all external 60° threads.



Art.	L	b	h
BRFE12RP	90 mm	12 mm	12 mm
BRFE16RP	100 mm	16 mm	16 mm
BRFE20RP	125 mm	20 mm	20 mm
BRFE25RP	140 mm	25 mm	25 mm

**BRFIX**
**CARBIDE TIPPED TOOL FOR INTERNAL THREAD**

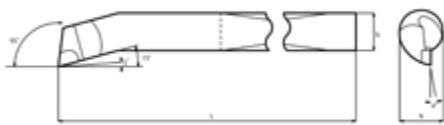
For the execution of all internal 60° threads.



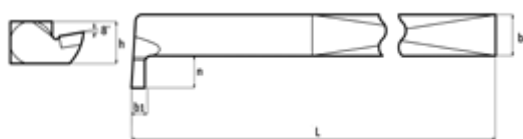
Art.	L	b	h
BRFI10RP	150 mm	10 mm	10 mm
BRFI12RP	180 mm	12 mm	12 mm
BRFI16RP	210 mm	16 mm	16 mm
BRFI20RP	250 mm	20 mm	20 mm
BRFI25RP	300 mm	25 mm	25 mm

**BRAS4111X**
**CARBIDE TIPPED TOOL FOR BLIND HOLES**

ISO 9



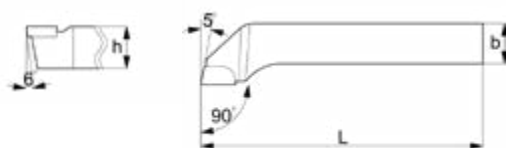
Art.	L	b	h
BRAS411108RP	125 mm	8 mm	8 mm
BRAS411110RP	150 mm	10 mm	10 mm
BRAS411112RP	180 mm	12 mm	12 mm
BRAS411116RP	210 mm	16 mm	16 mm
BRAS411120RP	250 mm	20 mm	20 mm
BRAS411125RP	300 mm	25 mm	25 mm
BRAS411132RP	355 mm	32 mm	32 mm

**BRCIX**
**CARBIDE TIPPED TOOL FOR INTERNAL SLOTS**


Art.	L	b	h	b1	N
BRCI10RP	150 mm	10 mm	10 mm	3 mm	8 mm
BRCI12RP	180 mm	12 mm	12 mm	4 mm	10 mm
BRCI16RP	210 mm	16 mm	16 mm	5 mm	12 mm
BRCI20RP	210 mm	20 mm	20 mm	6 mm	16 mm
BRCI25RP	300 mm	25 mm	25 mm	8 mm	20 mm

**BRAS4104X**
**CARBIDE TIPPED TOOL FOR FACING**

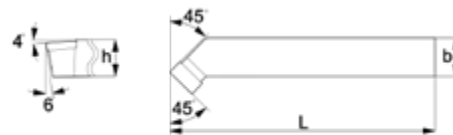
ISO 6



Art.	L	b	h
BRAS410410LP	90 mm	10 mm	10 mm
BRAS410410RP	90 mm	10 mm	10 mm
BRAS410412LP	100 mm	12 mm	12 mm
BRAS410412RP	100 mm	12 mm	12 mm
BRAS410416LP	110 mm	16 mm	16 mm
BRAS410416RP	110 mm	16 mm	16 mm
BRAS410420LP	125 mm	20 mm	20 mm
BRAS410420RP	125 mm	20 mm	20 mm
BRAS410425RP	140 mm	25 mm	25 mm

**BRAS4103X**
**CARBIDE TIPPED TOOL FOR OUTSIDE ROUGHING**

ISO 2



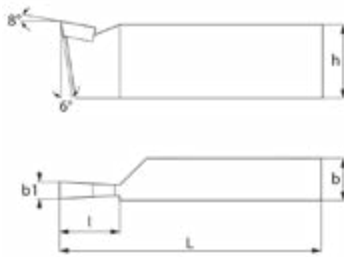
Art.	L	b	h
BRAS410310RP	90 mm	10 mm	10 mm
BRAS410312LP	100 mm	12 mm	12 mm
BRAS410312RP	100 mm	12 mm	12 mm
BRAS410316LP	110 mm	16 mm	16 mm
BRAS410316RP	110 mm	16 mm	16 mm
BRAS410320LP	125 mm	20 mm	20 mm
BRAS410320RP	125 mm	20 mm	20 mm
BRAS410325RP	140 mm	25 mm	25 mm



**BRAS4109X**

**CARBIDE TIPPED TOOL FOR CUTTING OFF**

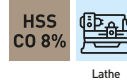
ISO 7



Art.	L	l	b	h	b1
BRAS410912RP	100 mm	12 mm	8 mm	12 mm	3 mm
BRAS410916RP	110 mm	14 mm	10 mm	16 mm	3,5 mm
BRAS410920RP	125 mm	16 mm	12 mm	20 mm	5 mm
BRAS410925RP	140 mm	20 mm	16 mm	25 mm	6 mm

**B012-**

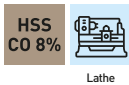
**HARDENED AND GROUNDED TOOL BITS**



Art.	ø	Length	Tolerance
B012/04	4 mm	200 mm	h9
B012/05	5 mm	200 mm	h9
B012/06	6 mm	200 mm	h9
B012/08	8 mm	200 mm	h9
B012/10	10 mm	200 mm	h9
B012/12	12 mm	200 mm	h9
B012/13	13 mm	135 mm	h9
B012/16	16 mm	200 mm	h9
B012/20	20 mm	200 mm	h9

**B013-**

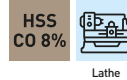
**HARDENED AND GROUNDED TOOL BITS**



Art.	Sides dimension	Length	Tolerance
B013/04X04	4 x 4 mm	200 mm	h13
B013/05X05	5 x 5 mm	200 mm	h13
B013/06X06	6 x 6 mm	200 mm	h13
B013/08X08	8 x 8 mm	200 mm	h13
B013/10X10	10 x 10 mm	200 mm	h13
B013/12X12	12 x 12 mm	200 mm	h13
B013/14X14	14 x 14 mm	200 mm	h13
B013/16X16	16 x 16 mm	200 mm	h13
B013/20X20	20 x 20 mm	200 mm	h13

**B014-**

**HARDENED AND GROUNDED TOOL BITS**



Art.	Sides dimension	Length	Tolerance
B014/20X04	20 x 04 mm	200 mm	h13
B014/20X05	20 x 05 mm	200 mm	h13
B014/20X06	20 x 06 mm	200 mm	h13
B014/20X08	20 x 08 mm	200 mm	h13
B014/20X10	20 x 10 mm	200 mm	h13
B014/20X12	20 x 12 mm	200 mm	h13
B014/25X06	25 x 06 mm	200 mm	h13

