



厦门金鹭特种合金有限公司

XIAMEN GOLDEN EGRET SPECIAL ALLOY CO., LTD.

Канавочные и Резьбовой инструмент

Threading & Grooving Tools
Project Team

ООО “Инструмент поставка”

тел.: 8 /4722/ 407-599

сот.: 8-952-494-7503

309000, г. Белгород, пер. Заводской 5-й, д. 9.

305000, г. Курск, ул. Литовская, д. 12А, пом. 3.

E-mail: postavkatools@yandex.ru

Сайт: www.toolprofit.ru

2017

1 Инструмент для канавок

2 Резьбовой инструмент

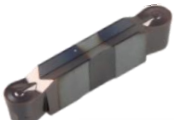
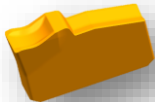
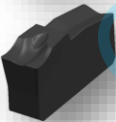
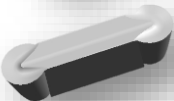
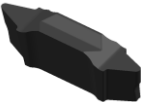
3 G-Notch серия

Инструмент для обработки канавок



1 Инструмент для канавок

Обзор отрезных и канавочных пластин

Форма	Серия	Применение	Ширина	Страница
	GB	Прецизионные мелкие канавки	0.5-4.3 (mm)	6-9
	MT	Канавки и отрезка	2.0-8.0 (mm)	10-15
	FG	Прецизионные канавки и отрезка	3.0-6.0 (mm)	16-18
	OR	Прецизионное профильное	3.0-6.0 (mm)	19-21
	RC	Для высокой подачи	4mm	22
	MC	Для средней подачи	3mm	22
	GIPA	Прецизионное профильное по алюминию	6、8mm	23
	GV	Для обработки шкивов	-	24-25

1 Инструмент для канавок

Сплавы для отрезных и канавочных работ

Workpiece Material		P						M					K					S					
ISO		01	10	20	30	40	50	01	10	20	30	40	01	10	20	30	40	10	20	30	40		
Coated	CVD	GP1225											GK1115										
	PVD	GA4230						GA4230			GS3115		GS3125			GA4230					GS3115		GS3125
Uncoated																		GS9125					

GB Система обозначения пластин

GB
① Series

GB

125=1.25mm
③ Width

125

② IC
4=12.7mm 3=9.525mm

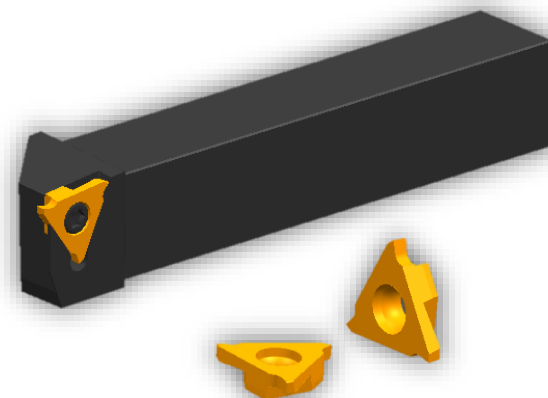
4

⑤ Hand of Insert
R=Right L= Left

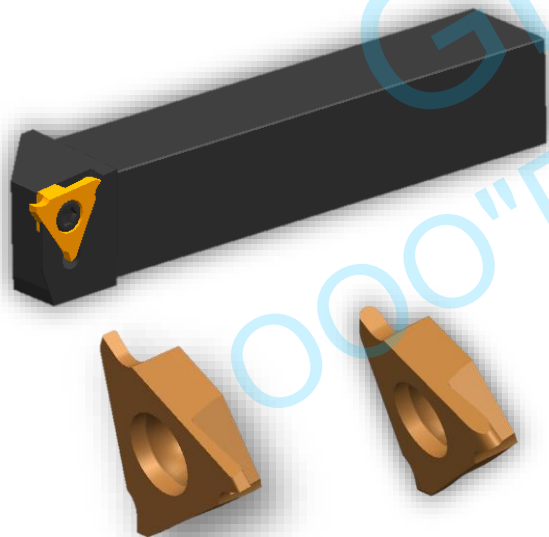
R

020=0.2mm
④ Radius

020



- Прецизионные мелкие канавки
- E точность
- Индивидуальное производство
- Наличие левых пластин на складе



Наименование	Сплав		Наименование	Сплав	
	GA4230			GA4230	
	R	L		R	L
GB3050R/L-005	●	●	GB4200R/L-050	●	○
GB3100R/L-005	●	●	GB4220R/L-030	●	○
GB3100R/L-010	●	○	GB4240R/L-050	●	○
GB3120R/L-020	●	○	GB4250R/L-030	●	●
GB3125R/L-020	●	●	GB4265R/L-030	●	○
GB3140R/L-020	●	○	GB4280R/L-030	●	○
GB3150R/L-020	●	●	GB4300R/L-030	●	●
GB3200R/L-020	●	●	GB4330R/L-030	●	○
GB3202R/L-050	●	○	GB4350R/L-030	●	●
GB3250R/L-020	●	●	GB4400R/L-040	●	●
GB3300R/L-020	●	●	GB4430R/L-040	●	○
GB4085R/L-020	●	○	GBR4100R/L-050	●	●
GB4125R/L-020	●	●	GBR4150R/L-075	●	●
GB4150R/L-020	●	●	GBR4200R/L-100	●	●
GB4175R/L-020	●	○	GBR4250R/L-125	●	●
GB4185R/L-020	●	●	GBR4300R/L-150	●	●
GB4200R/L-020	●	●	GBR4400R/L-200	●	●
GB4200R/L-030	●	○			

1 Инструмент для канавок

GB

Информация о возможности замене таких бредов:

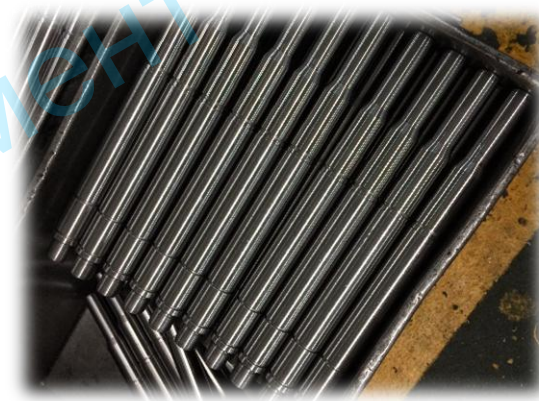
- ① **KYOCERA**: GBA
- ② **MITSUBISHI**: MGT
- ③ **SUMITOMO**: TGA
- ④ **ZCC**: QC



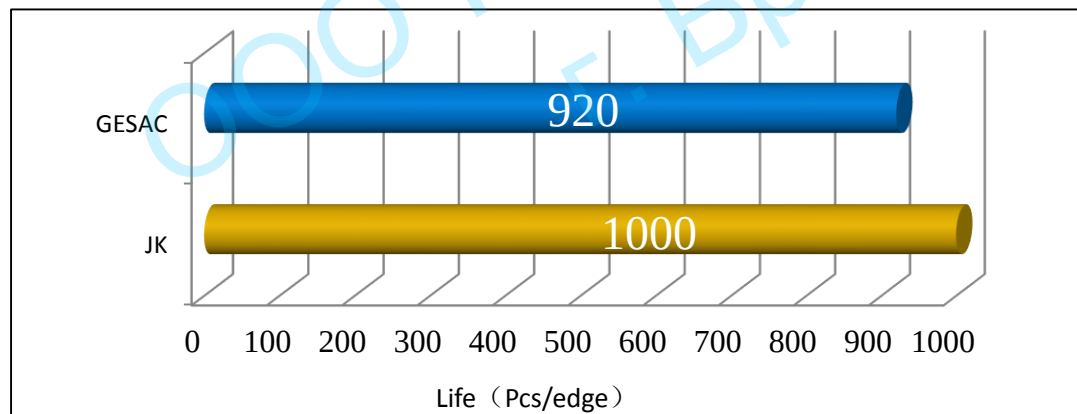
1 Инструмент для канавок Сравнение

GB

Insert	GB3100R-005-GA4230
Material	C45 (P)
Cooling	water soluble
Vc	80m/min
f	0.05mm/r

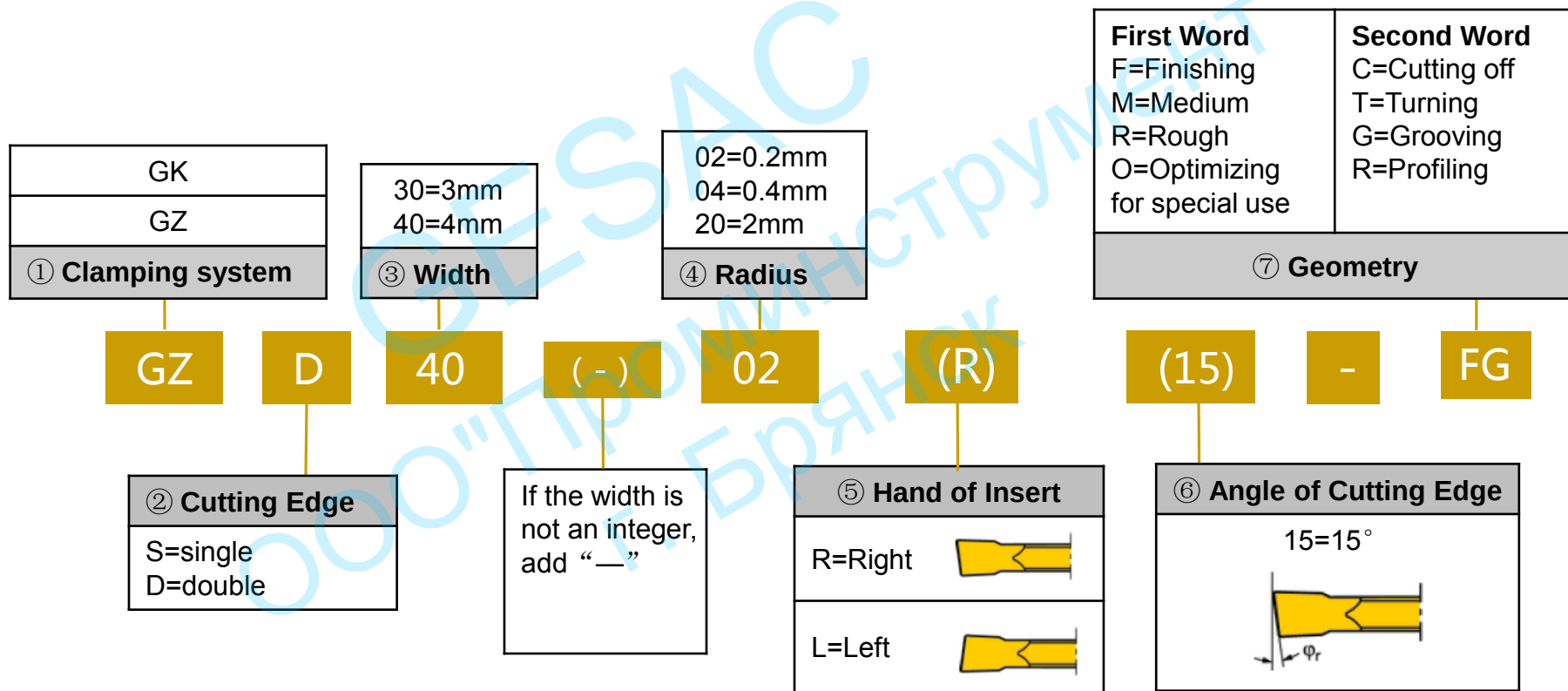


Auto spare parts



-8%

Система идентификации отрезного и канавочного инструмента



MT — Канавочная и токарная пластина

Special design for cutting edge

Balance cutting action and tool nose's strength

Guide rail locating slot

Ensure the stability of machining

Chip breaker of olive shape

Provide smooth chip control

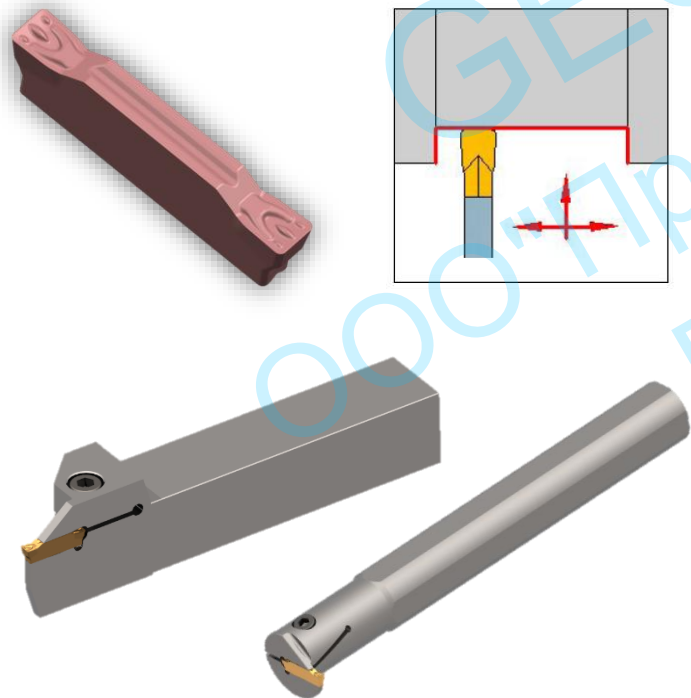
Graduated chip breaking arms

Meet chip-breaking requirements of different depth

■ Нарезание канавок и Токарные работы

■ M точность

■ В наличии державки серии GK



Ширина (mm)	Наименование	Сплав		
		GA4230	GP1225	GK1115
2	GKD2002-MT	●	●	●
2.5	GKD2502-MT	●	●	●
3	GKD3004-MT	●	●	●
4	GKD4004-MT	●	●	●
5	GKD5004-MT	●	●	●
	GKD5008-MT	●	●	●
6	GKD6004-MT	●	●	●
	GKD6008-MT	●	●	●
8	GKD8008-MT	○	●	●

Информация о возможности замене таких брендов:

① **KORLOY**: MGMN-M (same holder)

② **KORLOY**: KGMN-T

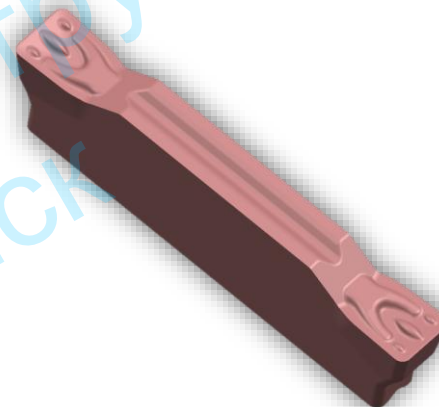
③ **SECO**: LCMF-MT

④ **ZCC**: ZT**-MG

⑤ **TAEGUTAC**: TDXU*E

⑥ **SANDVIK**: N123-TM

⑦ **MITSUBISHI**: GY2M-MM



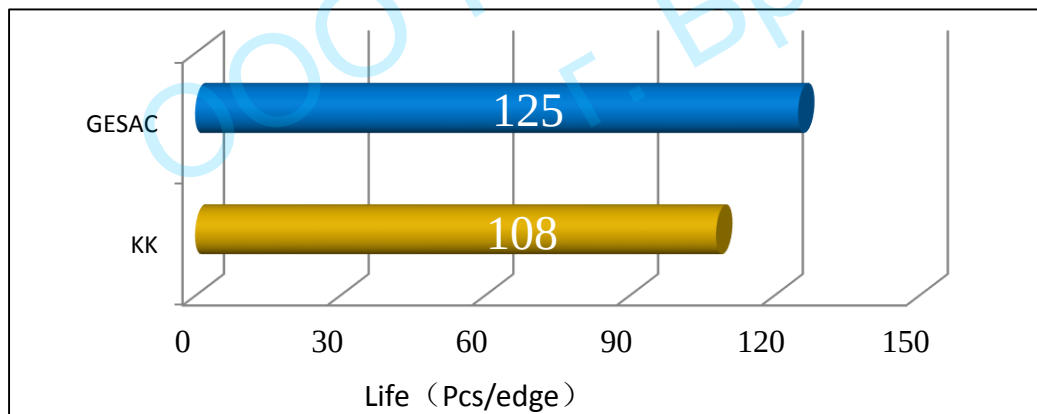
1 Инструмент для канавок Сравнение-1

MT

Insert	GKD3004-MT-GA4230
Material	316 (M)
Cooling	water soluble
Vc	130m/min
f	0.03mm/r



Valve



+16%

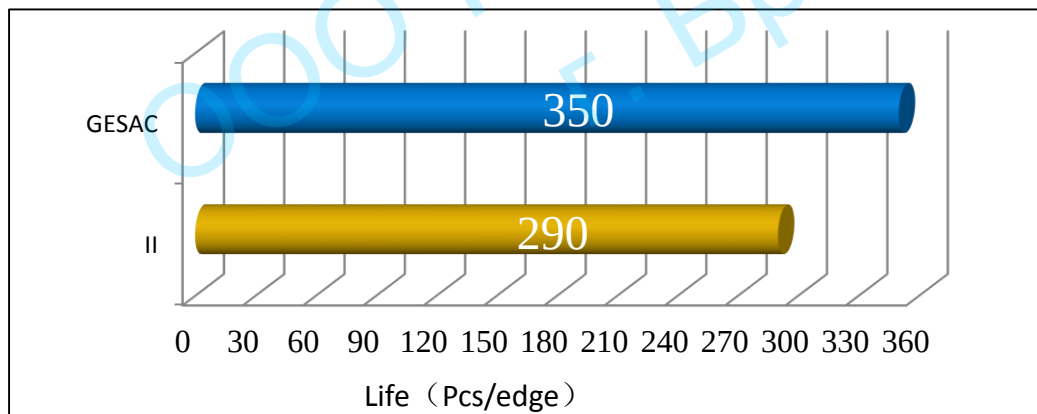
1 Инструмент для канавок Сравнение-2

MT

Insert	GKD3004-MT-GP1225
Material	C45 (P)
Cooling	water soluble
Vc	146m/min
f	0.1mm/r

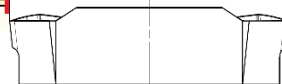
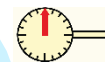


Camshaft



+21%

FG — Точные канавочные и токарные пластины

 $\pm 0.025\text{mm}$ 

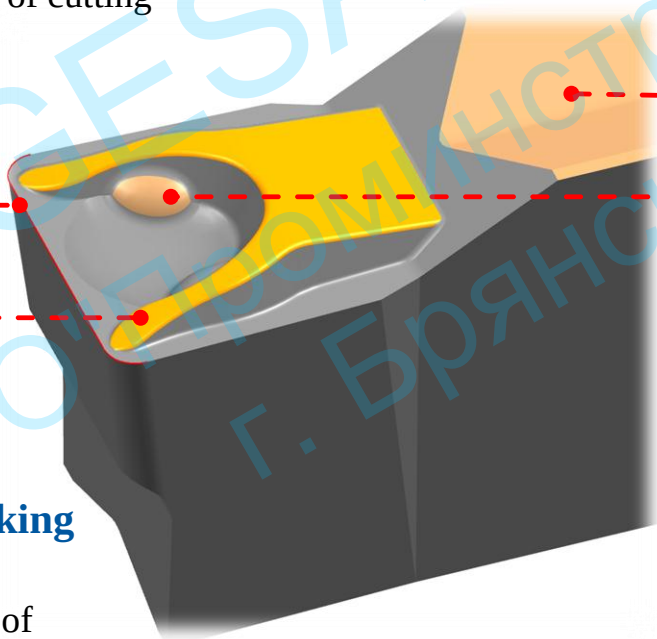
- **Precisely ground no blade wide cutting edge**
Ensure the sharpness of cutting



- **Locating slot of V shape**
Ensure accuracy and stability of cutting

- **Graduated chip breaking arms**

Ensure good chip control of grooving and turning.



- **Salient point**
Strengthen the chip breaking arms

1 Инструмент для канавок

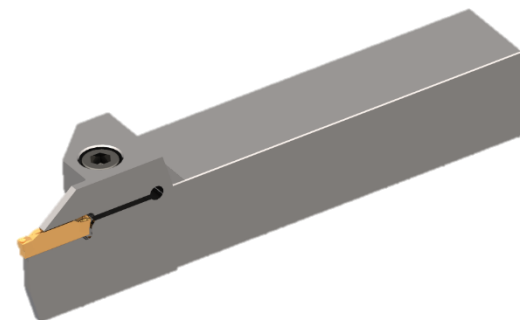
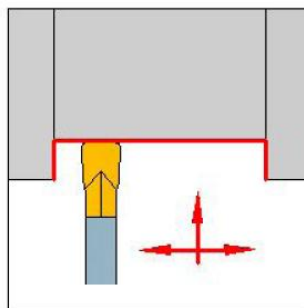
FG

■ Финишные токарные и канавочные работы

■ E точность

■ Наличие державок серии GZ

Ширина (mm)	Наиме- нование	Сплав		Наиме- нование	Сплав	
		GS3125	GS9125		GS3125	GS9125
3	GZD3002-FG	●	●	GZD3004-FG	●	●
4	GZD4002-FG	●	●	GZD4004-FG	●	●
5	GZD5002-FG	●	●	GZD5004-FG	●	●
6	GZD6002-FG	●	●	GZD6004-FG	●	●



Информация о возможности замене таких брендов:

- ① **KORLOY**: MGGN-M
- ② **SECO**: FT
- ③ **SANDVIK**: CoroCut GF
- ④ **ZCC**: ZT**-EG
- ⑤ **TUNGALOY**: DTE

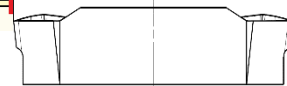
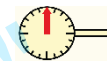


1

Инструмент
для канавок

OR

OR — Точные профильные пластины

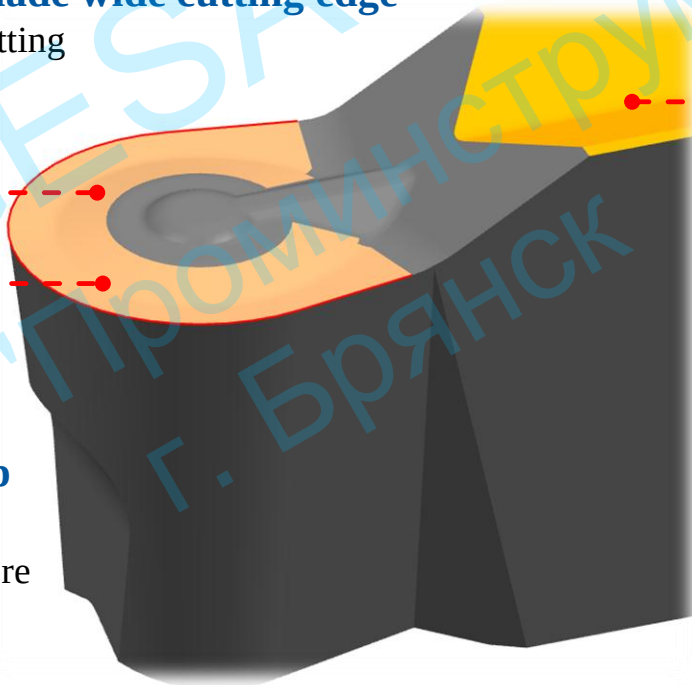
 $\pm 0.025\text{mm}$ 

• **Precisely ground no blade wide cutting edge**

Ensure the sharpness of cutting

• **Large rake angle and chip bending angle**

Ensure the chip evacuation more smooth



• **Locating slot of V shape**

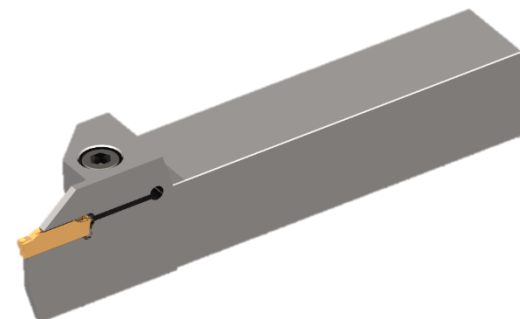
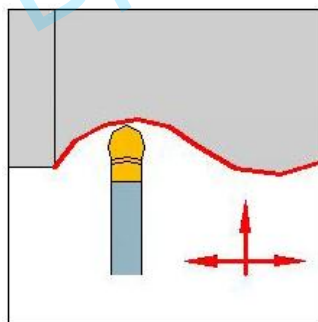
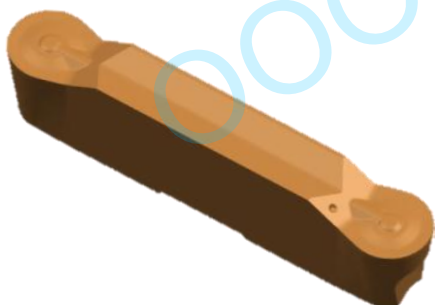
Ensure nice fitting accuracy and cutting stability

1 Инструмент для канавок

OR

- Финишная профильная обработка
- E точность
- Наличие державок серии GZ

Ширина (mm)	Наименование	Сплав
		GS3115
3	GZD3015-OR	●
4	GZD4020-OR	●
5	GZD5025-OR	●
6	GZD6030-OR	●



1 Инструмент для канавок

OR

Информация о возможности замене таких брендов:

- ① **SECO**: RP
- ② **SANDVIK**: CoroCut RO
- ③ **ZCC**: ZR**-EG
- ④ **TUNGALOY**: DTIU



1 Инструмент для канавок

MC/RC

- MC-для получистовой обработки
- RC-для черновой обработки
- M точность
- Наличие державок серии GC
- Эдентичен державке Q-Cut N151.2

MC

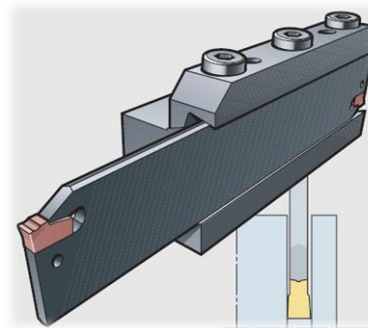
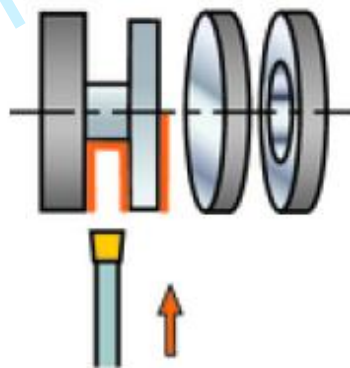
Ширина (mm)	Наиме- нование	Сплав
		GA4230
3	GC3N-MC	●

RC

Ширина (mm)	Наиме- нование	Сплав
		GA4230
3	GC3N-RC	○
4	GC4N-RC	●

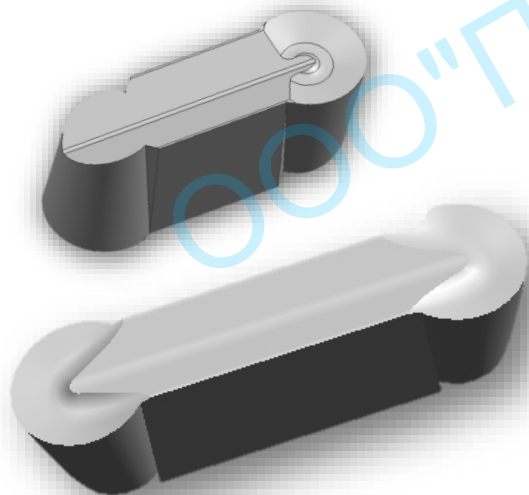
RC

MC



- Точная профильная обработка
- E точность
- Прекрасно для обработки алюминия
- Зажимная система аналогичная с системой крепления ISCAR

Width (mm)	Items	Grades		
		GN9115	GN9125	GN9135
6	GIPA6.0-3.0	○	●	○
8	GIPA8.0-4.0	○	●	○



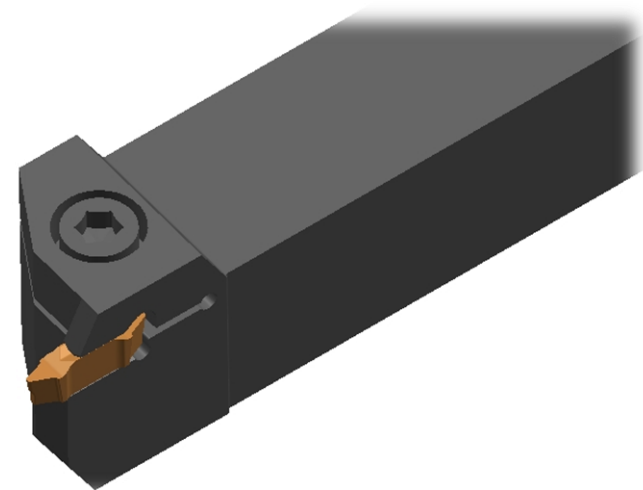
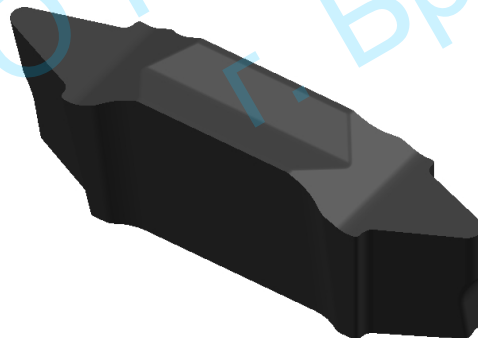
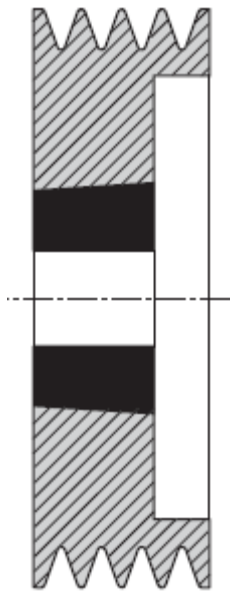
1

Инструмент для канвок

GV

- Для обработки шкивов
- E точность
- Наличие державок серии GV
- Индивидуальность

Шаг (mm)	Наименование	Сплав
		GK1115
3.56	GVD4-3.56-1	●



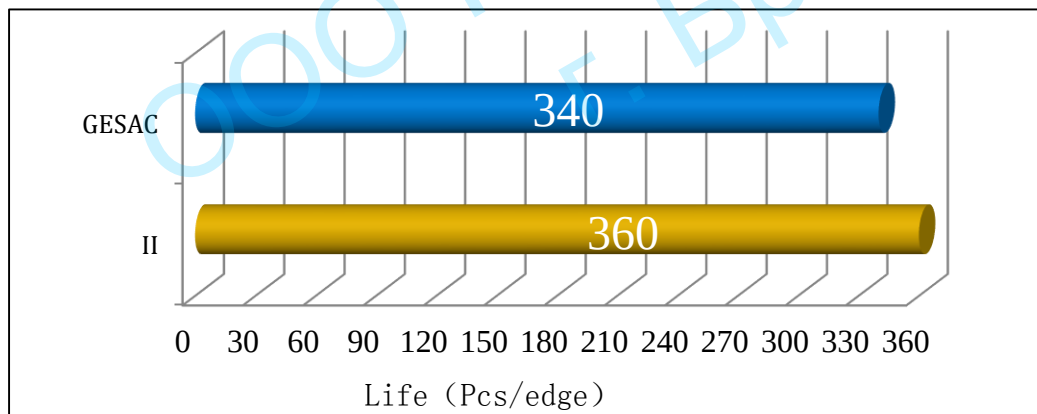
1 Инструмент для канавок Сравнение

GV

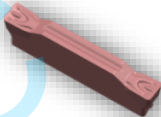
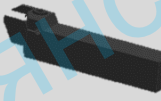
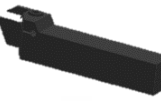
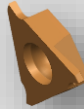
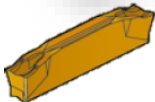
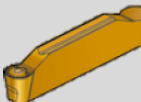
Insert	GVD4-3.56-1-GK1115
Material	C10 (P)
Cooling	water soluble
Vc	450m/min
f	0.14mm/r

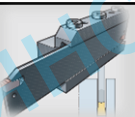


Pulley



-5%

No.	Серии	Назначение	Вид инструмента	2016	2017	2018	2019	2020
1	MT Geometry (GK)	Для полу-чистовой токарной обработки и нарезания канавок		●				
2	FG Geometry (GZ)	Для чистовой токарной обработки и нарезания канавок		●				
3	OR Geometry(GZ)	Для чистовых операций (нарезание канавок, точение ...)		●				
4	GK Series Holder	Для пластин серии MT. Подходит для внутренней, наружной и торцевой операций		●				
5	GZ Series Holder	Для пластин FG/OR/MR/MC. Подходит для внутренней, наружной и торцевой операций		●				
6	GB Series	Для мелких канавок			●			
7	MC Geometry (GZ)	Для отрезных работ			●			
8	MR Geometry (GK)	Для токарных и профильных работ, нарезания канавок			●			

No.	Series	Application	Picture	2016	2017	2018	2019	2020
9	ST Series	for Small Part Machining for Grooving & Turning				●		
10	RC Geometry (GC)	for Rough Parting				●		
11	MC Geometry (GC)	for Medium Parting				●		
12	GC Series Holder	for MC/RC Geometry Suit for Parting				●		
13	GV Series	for Pulleys Machining					●	
14	FT Geometry(GZ)	for Fine Grooving & Turning					●	
15	FC Geometry(GZ)	for Fine Parting						●
16	MG Geometry(GZ)	for Medium Grooving						●

2

Резьбовой инструмент



16 E R 1.50 ISO – TC

①

①刀片尺寸 Insert Size	
代号 Size	IC(mm)
11	6.35
16	9.525
22	12.7

②

②螺纹类别 Thread Style
E=外螺纹 External
I=内螺纹 Internal
□=内外螺纹 E&I

③

③刀片方向 Hand of Insert
R=右手刀 Right
L=左手刀 Left
□=左右手刀 R&L

④

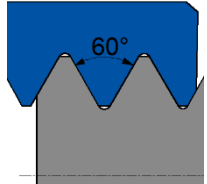
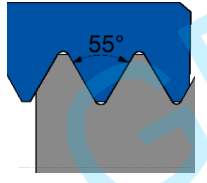
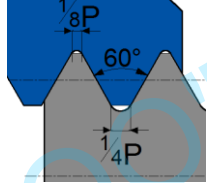
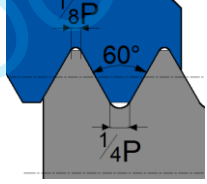
④螺距 Pitch		
全牙型 Full Profile		
mm	TPI	
0.35-5.0	72-5	
范围牙型 Partial Profile		
	mm	TPI
A	0.5-1.5	48-16
AG	0.5-3.0	48-8
G	1.75-3.0	14-8
N	3.5-5.0	7-5

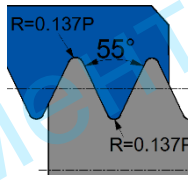
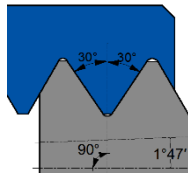
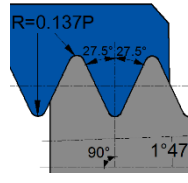
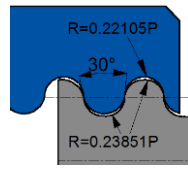
⑤

⑤螺纹标准 Thread Standard
60=60°通用螺纹 Partial Profile 60°
55=55°通用螺纹 Partial Profile 55°
ISO=公制 ISO 螺纹 ISO Metric
UN=美制统一螺纹 American UN
W=英制惠氏螺纹 Whitworth
NPT=美制标准锥管螺纹 National Pipe Thread
BSPT=英制标准锥管螺纹 British BSPT
ACME=美制梯形螺纹 American ACME
STACME=美制短牙梯形螺纹 American Stub ACME

⑥

⑥附加信息 Additional Information
用来定义牙数或槽型等 Geometry or teeth

Application	Thread Type	Thread Sketch	Thread Code	Pitch	Page
for general industry	Partial Profile 60°		60	0.5-5.0 (mm)	33
	Partial Profile 55°		55	48-5 (TPI)	34
	ISO Metric		ISO	1.0-5.0 (mm)	35
	UN		UN	24-8 (TPI)	36

Application	Thread Type	Thread Sketch	Thread Code	Pitch	Page
for pipe fittings and couplings for gas, water and sewage	Whitworth		W	19-11 (TPI)	37
	NPT		NPT	27-8 (TPI)	38
for pipe fittings and couplings for gas, steam and water lines	BSPT		BSPT	28-11 (TPI)	39
for pipe couplings in food and fire fighting industry	Round Thread (DIN 405)		RD	10-4 (TPI)	40

TC—Special geometry

Triangular Platform

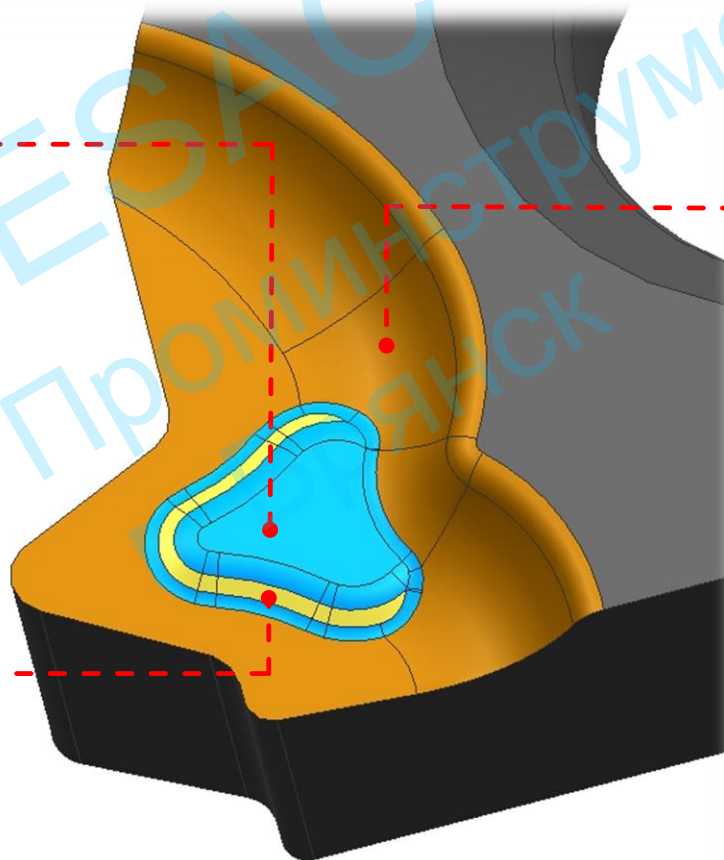
- Excellent chip control, apply to radial infeed, modified flank infeed and incremental infeed

Curved Surfaces

- Increase the cooling area, to avoid the crater wear and improve tool life

Large chip flutes

- Avoid chip jamming when machining the internal thread



GM3225—General grade for thread turning

P

M

K

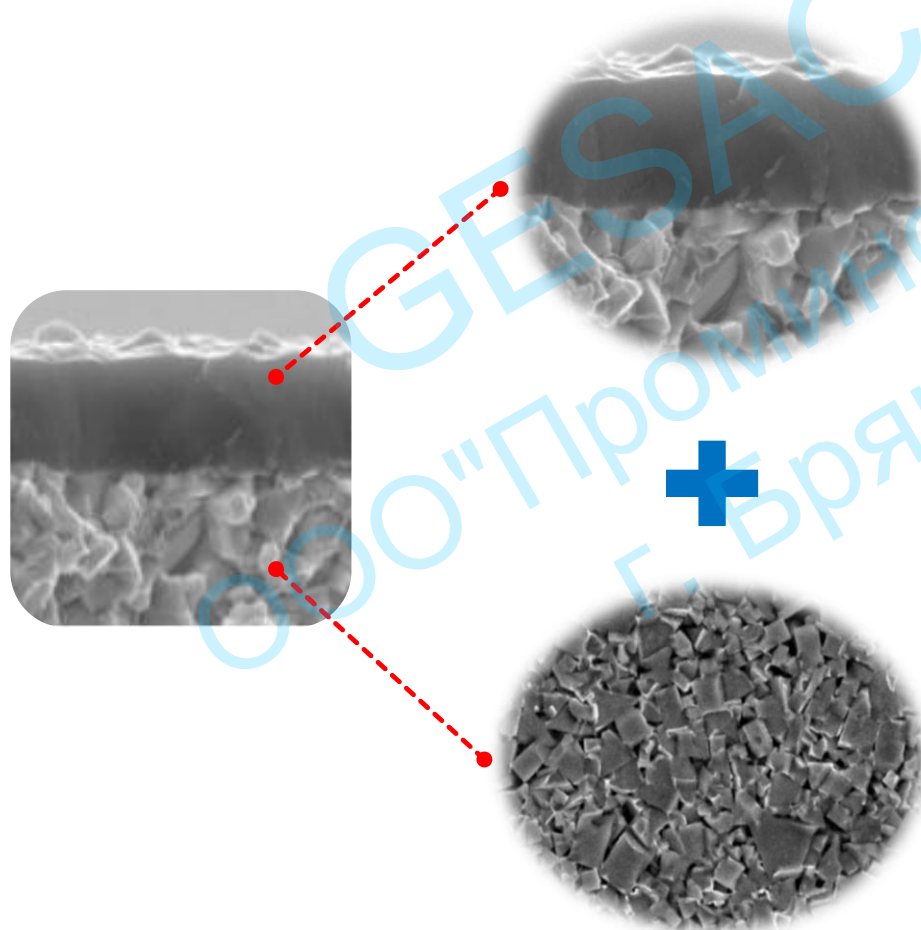
New TiAlN nano-structure coating



- High wear resistance and good roughness.
- Improved resistance to coating peeling due to high coating adhesion strength.
- Excellent heat resistance, suitable for high speed machining.

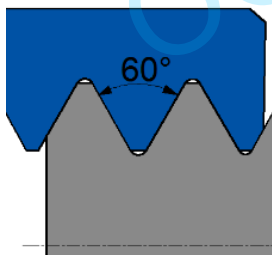
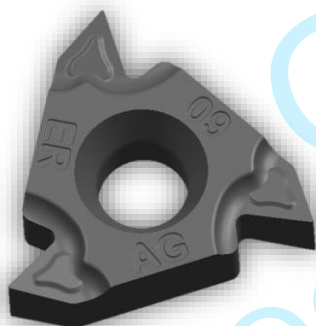


Micro-grain carbide substrate



2 Threading Tools

- M accuracy
- for general industry
- Share other company's holder, except **SANDVIK**



Series

— Partial profile 60°

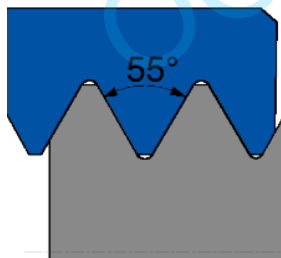
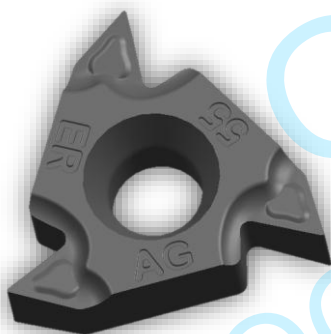
Pitch (mm)	External	Grade	Internal	Grade
		GM3225		GM3225
0.5-1.5			11IRA60-TC	●
0.5-1.5	16ERA60-TC	●	16IRA60-TC	●
0.5-3.0	16ERAG60-TC	●	16IRAG60-TC	●
1.75-3.0	16ERG60-TC	●	16IRG60-TC	●
3.5-5.0	22ERN60-TC	●	22IRN60-TC	●

2 Threading Tools

Series

— Partial profile 55°

- M accuracy
- for general industry
- Share other company's holder, except **SANDVIK**

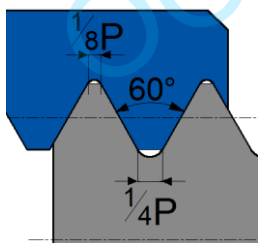
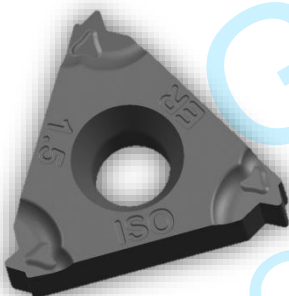


Pitch (TPI)	External	Grade	Internal	Grade
		GM3225		GM3225
48-16			11IRA55-TC	●
48-16	16ERA55-TC	●	16IRA55-TC	●
48-8	16ERAG55-TC	●	16IRAG55-TC	●
14-8	16ERG55-TC	●	16IRG55-TC	●
7-5	22ERN55-TC	●	22IRN55-TC	●

2 Threading Tools

Series — ISO Metric

- M accuracy
- for general industry
- Share other company's holder, except **SANDVIK**

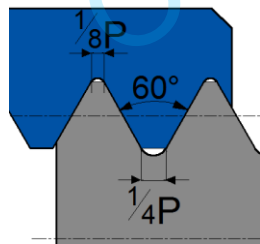
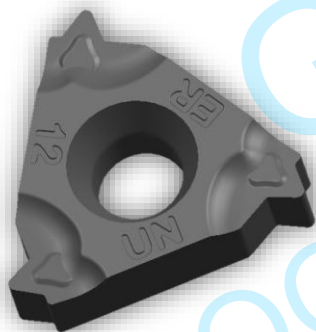


Pitch (mm)	External	Grade	Internal	Grade
		GM3225		GM3225
1.0			11IR1.00ISO-TC	●
1.25			11IR1.25ISO-TC	●
1.5			11IR1.50ISO-TC	●
1.75			11IR1.75ISO-TC	●
2.0			11IR2.00ISO-TC	●
1.0	16ER1.00ISO-TC	●	16IR1.00ISO-TC	●
1.25	16ER1.25ISO-TC	●	16IR1.25ISO-TC	●
1.5	16ER1.50ISO-TC	●	16IR1.50ISO-TC	●
1.75	16ER1.75ISO-TC	●	16IR1.75ISO-TC	●
2.0	16ER2.00ISO-TC	●	16IR2.00ISO-TC	●
2.5	16ER2.50ISO-TC	●	16IR2.50ISO-TC	●
3.0	16ER3.00ISO-TC	●	16IR3.00ISO-TC	●
3.5	22ER3.50ISO-TC	●	22IR3.50ISO-TC	●
4.0	22ER4.00ISO-TC	●	22IR4.00ISO-TC	●
4.5	22ER4.50ISO-TC	●	22IR4.50ISO-TC	●
5.0	22ER5.00ISO-TC	●	22IR5.00ISO-TC	●

2 Threading Tools

Series — UN

- M accuracy
- for general industry
- Share other company's holder, except **SANDVIK**

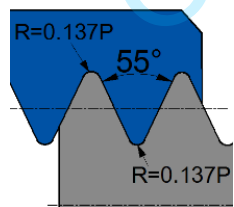
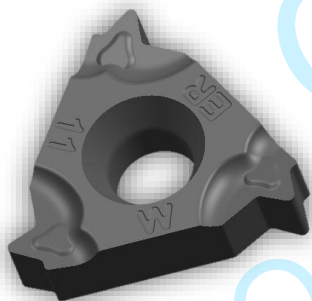


Pitch (TPI)	External	Grade	Internal	Grade
		GM3225		GM3225
20			11IR20UN-TC	●
18			11IR18UN-TC	●
24	16ER24UN-TC	●	16IR24UN-TC	●
20	16ER20UN-TC	●	16IR20UN-TC	●
18	16ER18UN-TC	●	16IR18UN-TC	●
16	16ER16UN-TC	●	16IR16UN-TC	●
14	16ER14UN-TC	●	16IR14UN-TC	●
12	16ER12UN-TC	●	16IR12UN-TC	●
10	16ER10UN-TC	○	16IR10UN-TC	○
8	16ER8UN-TC	●	16IR8UN-TC	●

2 Threading Tools

Series — BSW

- M accuracy
- for pipe fittings and couplings for gas, water and sewage
- Share other company's holder, except **SANDVIK**

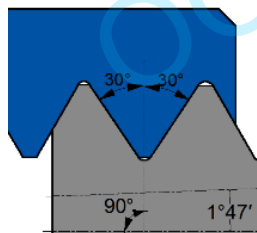
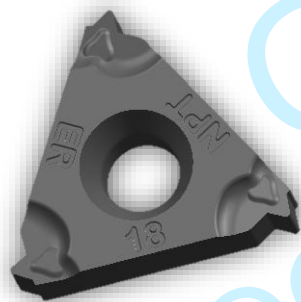


Pitch (TPI)	External	Grade	Internal	Grade
		GM3225		GM3225
11	16ER11W-TC	●	16IR11W-TC	●
12	16ER12W-TC	●	16IR12W-TC	●
14	16ER14W-TC	●	16IR14W-TC	●
16	16ER16W-TC	●	16IR16W-TC	●
18	16ER18W-TC	●	16IR18W-TC	●
19	16ER19W-TC	●	16IR19W-TC	●

2 Threading Tools

Series — NPT

- M accuracy
- for pipe fittings and couplings for gas, water and sewage
- Share other company's holder, except **SANDVIK**

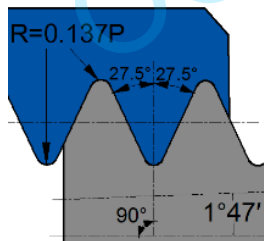
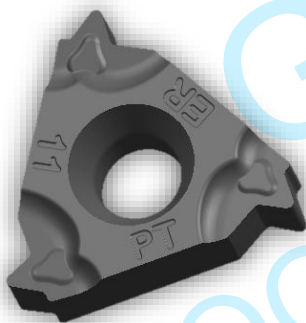


Pitch (TPI)	External	Grade	Internal	Grade
		GM3225		GM3225
18			11IR18NPT-TC	●
8	16ER8NPT-TC	●	16IR8NPT-TC	●
11.5	16ER11.5NPT-TC	●	16IR11.5NPT-TC	●
14	16ER14NPT-TC	●	16IR14NPT-TC	●
18	16ER18NPT-TC	●	16IR18NPT-TC	●
27	16ER27NPT-TC	●	16IR27NPT-TC	●

2 Threading Tools

Series — BSPT

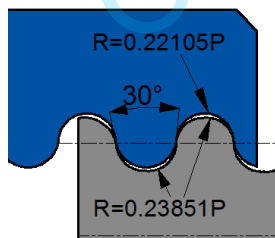
- M accuracy
- for pipe fittings and couplings for gas, steam and water lines
- Share other company's holder, except **SANDVIK**



Pitch (TPI)	External	Grade	Internal	Grade
		GM3225		GM3225
14			11IR14BSPT-TC	●
19			11IR19BSPT-TC	●
11	16ER11BSPT-TC	●	16IR11BSPT-TC	●
14	16ER14BSPT-TC	●	16IR14BSPT-TC	●
19	16ER19BSPT-TC	●	16IR19BSPT-TC	●
28	16ER28BSPT-TC	●	16IR28BSPT-TC	●

2 Threading Tools

- M accuracy
- for fire fighting and food industry pipe couplings
- Share other company's holder, except **SANDVIK**



Series — Round (DIN 405)

Pitch (TPI)	External	Grade	Internal	Grade
		GM3225		GM3225
10	16ER10RD-TC	○	16IR10RD-TC	○
8	16ER8RD-TC	●	16IR8RD-TC	●
6	16ER6RD-TC	●	16IR6RD-TC	●
4	22ER4RD-TC	○	22IR4RD-TC	○

2 Threading Tools

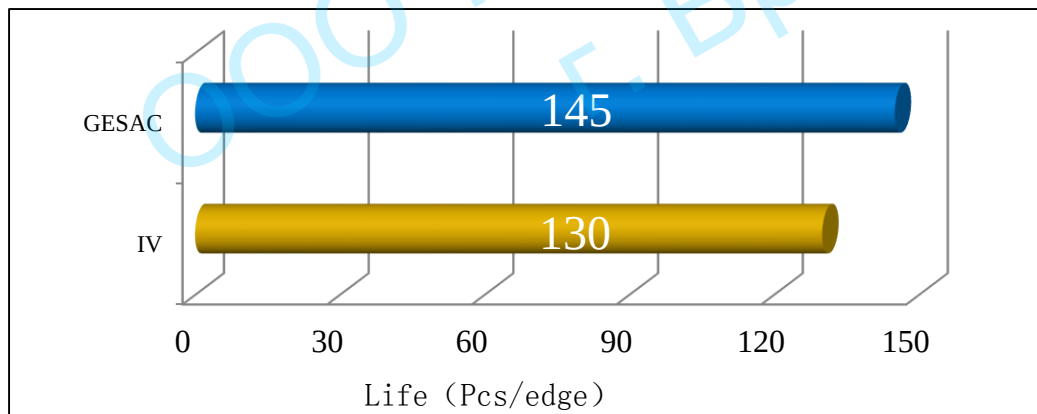
Case-1

ISO Metric—External

Insert	16ER1.50ISO-TC-GM3225
Process	External thread turning
Material	C45 (P)
Cooling	water soluble
Vc	110m/min



Coupling



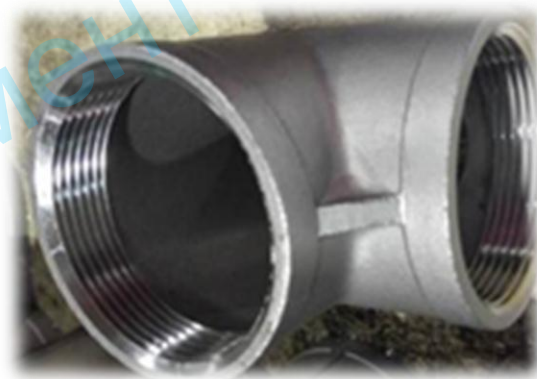
+12%

2 Threading Tools

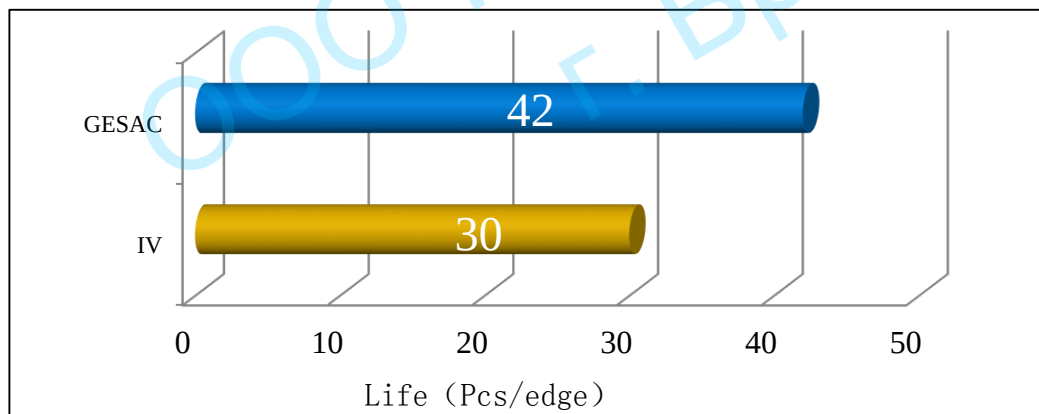
Case-2

BSPT—Internal

Insert	16IR11BSPT-TC-GM3225
Process	Internal thread turning
Material	316 (M)
Cooling	water soluble
Vc	150m/min



Valve



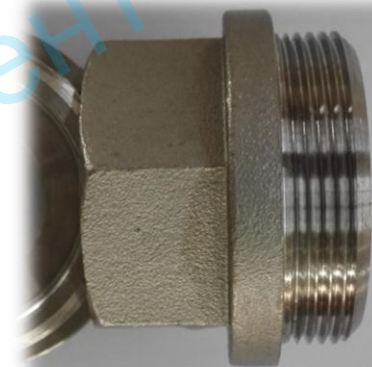
+40%

2 Threading Tools

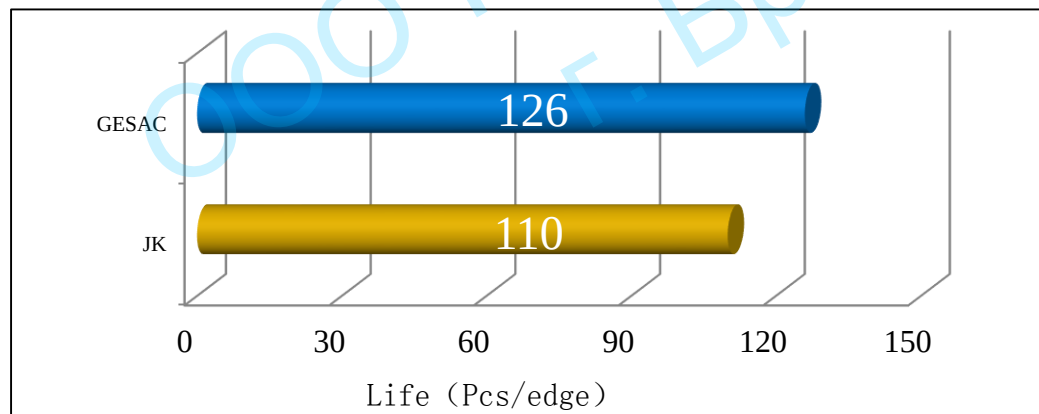
Case-3

Whitworth—External

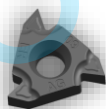
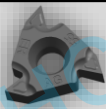
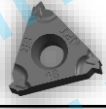
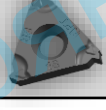
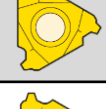
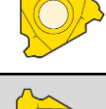
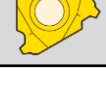
Insert	16ER11W-TC-GM3225
Process	External thread turning
Material	304 (M)
Cooling	water soluble
Vc	130m/min



Cover



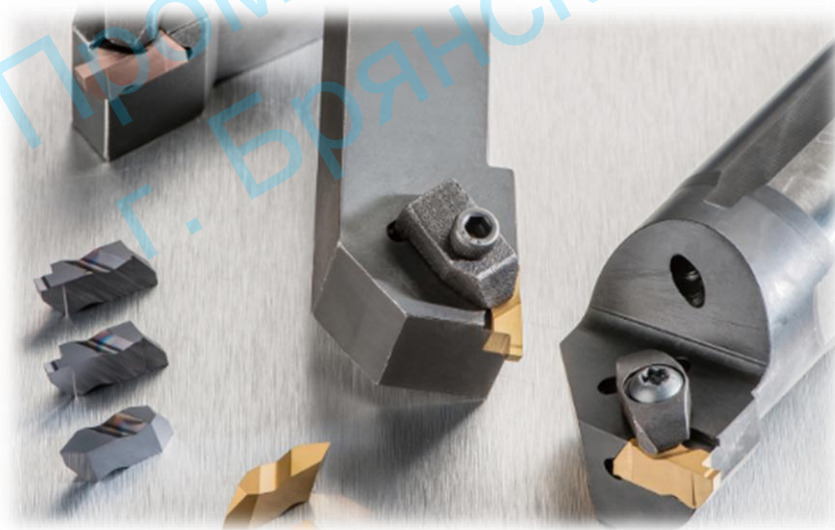
+15%

No.	Series	Application	Picture	2016	2017	2018	2019	2020
1	60-Partial profile 60°	Partial profile for General Industry		●				
2	55-Partial profile 55°	Partial profile for General Industry		●				
3	NPT-National Pipe Thread (ASME B1.20.1-1983)	Full profile for Steam, Gas and Water Pipes		●				
4	UN-American UN (ASME B1.1-1989)	Full profile for General Industry		●				
5	RD-Round DIN 405 (DIN405)	Full profile for Fire Fighting and Food Industry Pipe Couplings		●				
6	STACME-American Stub ACME (ANSI B1.8-1988)	Partial profile for Feed Screws			●			
7	ACME-American ACME (ANSI B1.5-1988)	Partial profile for Feed Screws			●			
8	TR-ISO Trapezoidal (DIN103-1977)	Partial profile for Feed Screws			●			

No.	Series	Application	Picture	2016	2017	2018	2019	2020
9	ST Series for Small Part Machining	for Small Part Machining				●		
10	API-API Thread (API SPEC7:1990)	Full profile for Oil and Gas Industry				●		
11	APIRD-API Round Casing & Tubing (API SPEC.5B)	Full profile for Oil and Gas Industry				●		
12	BUT-API Buttress Casing (API SPEC.5B.1979)	Full profile for Oil and Gas Industry				●		
13	MJ-Metric Aerospace thread (ISO5855-1999)	Full profile for the Aviation and Aerospace Industry					●	
14	UNJ-American Aerospace thread (ISO3161-1999)	Full profile for the Aircraft and Aerospace Industry					●	
15	NPTF-National Dryseal Pipe Thread (ANSI B1.20.1-1983)	Full profile for Steam, Gas and Water Pipes					●	
16	Chaser	for Oil and Gas Industry						●



G-Notch серия



G-Notch Series Grooving Inserts Identification System



① ② ③ ④ ⑤ ⑥ ⑦

① 公司代号 Company Mark G=GESAC	② 刀片型号 Type of Insert N=Notch	③ 刀片类型 Insert Style G=Grooving 切槽 R=Full Radius 圆头	④ 附加信息 Additional Information P=Positive 正向前角 □ Flat 无前角
⑤ 刀片尺寸 Insert Size mm inch 2 3.81 .150 3 4.95 .195 	⑥ 槽宽尺寸 Groove Size Metric 公制: M150 = 1.5mm Inch 英制: 125 = .125inch	⑦ 刀片方向 Hand of Insert R=Right Hand 右手 L=Left Hand 左手	

G-Notch Series Threading Inserts Identification System

G N T P 3 R

①

②

③

④

⑤

⑥

① 公司代号 Company Mark
G=GESAC

② 刀片型号 Type of Insert
N=Notch

③ 螺纹类型 Insert Style
T=60° V Thread 60° 通用螺纹

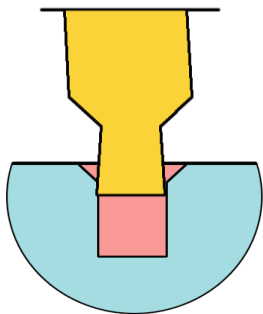
④ 附加信息 Additional Information
P=Positive 正向前角 GNTP

⑤ 刀片尺寸 Insert Size
mm inch
2 3.81 .150
3 4.95 .195

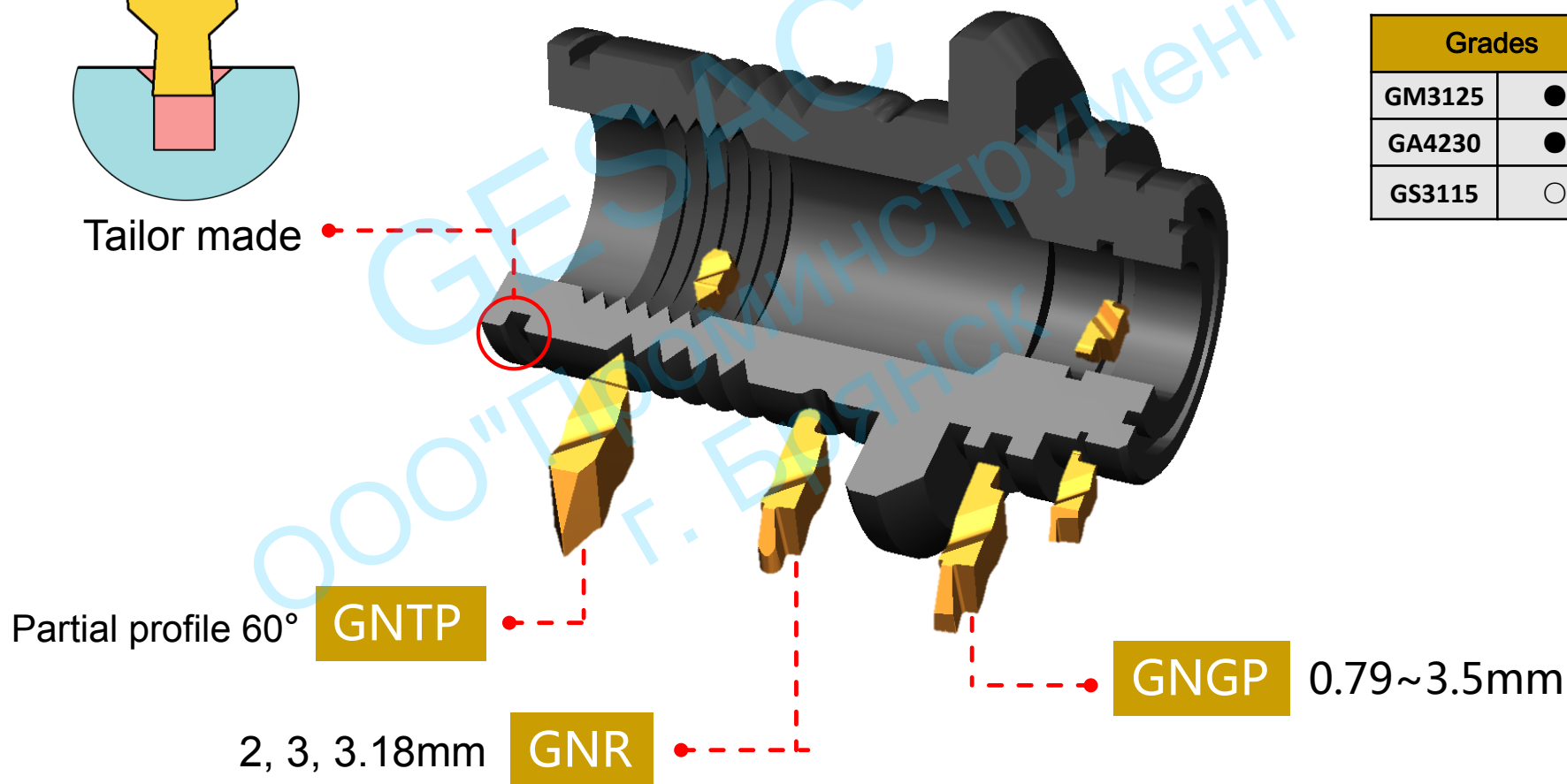

⑥ 刀片方向 Hand of Insert
R=Right Hand 右手
L=Left Hand 左手

3 G-Notch

G-Notch



Tailor made



Grades

GM3125	●
GA4230	●
GS3115	○

Information of functional replacement

- ① **KENNAMETAL**: Top-Notch (same holder)
- ② **SANDVIK**: Top-Lok
- ③ **Tool-Flo**: Flo-Lock (same holder)
- ④ **WIDIA**: TOP GROOVE & TOP THREAD (same holder)

Благодарим за внимание!

厦门金鹭特种合金有限公司

XIAMEN GOLDEN EGRET SPECIAL ALLOY CO.,LTD.

中国厦门湖里区兴隆路69号

No.69,Xinglong Road,Huli,Xiamen,China

Tel: 0592-5621830

Fax: 0592-2650639

ООО “Инструмент поставка”

тел.: 8 /4722/ 407-599

сот.: 8-952-494-7503

309000, г. Белгород, пер. Заводской 5-й, д. 9.

305000, г. Курск, ул. Литовская, д. 12А, пом. 3.

E-mail: postavkatools@yandex.ru

Сайт: www.toolprofit.ru