

Six kinds of inserts can be used in one holder for various operations

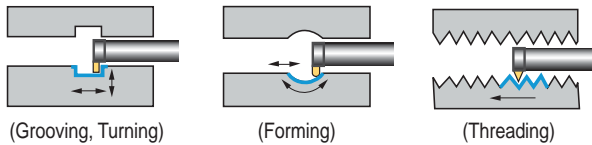
# Fine Tools

- Strong clamping system and specially designed insert are suitable for small diameter machining
- Six kinds of inserts can be clamped in one holder for various operations
- Guaranteed long tool life due to good toughness substrate with new TiAlN
- High accuracy ground insert ensures high precision machining



➤ **Application range** • Internal grooving, Profiling, Threading and Boring at Ø8 mm~Ø16 mm

➤ **Features**



➤ **Code system**

NFTIH    08    3    12 - S

Minimum Diameter    Overhang (ℓ/ØD)    Shank Dia.    Shank Type

S: Steel, C: Carbide

➤ **Recommended cutting condition**

Workpiece	Grade	Cutting Condition				
		Min. machining Dia. (ØDmin)				
			Ø8	Ø11	Ø14	Ø16
Carbon steel	◎	vc(m/min)	30~80	30~100	30~100	30~100
		fn(mm/rev)	0.01~0.04	0.01~0.05	0.02~0.05	0.02~0.06
Alloy steel	◎	vc(m/min)	30~80	30~100	30~100	30~100
		fn(mm/rev)	0.01~0.02	0.01~0.04	0.02~0.04	0.02~0.05
Cast iron	○	vc(m/min)	30~80	30~100	30~100	30~100
		fn(mm/rev)	0.01~0.05	0.01~0.05	0.02~0.05	0.02~0.05
Non-ferrous alloy	○	vc(m/min)	70~150	100~150	100~150	100~150
		fn(mm/rev)	0.02~0.06	0.02~0.06	0.02~0.06	0.02~0.06

**Note** - In case of chattering, reduce the cutting speed and feed  
 - To find the optimal cutting conditions, advise to gradually increase from the lowest cutting condition of the above recommendation  
 - In case of the unilateral grooving depth over 1 mm, work to the step feed rate

➤ **Clamping system**

**Screw**

**Insert**

R Type

L Type

Grooving

L Type Forming insert"/>

Forming

L Type Threading insert"/>

Threading

**Holder**

Shank (Cemented carbide or Steel)

Overhang (3D, 4D, 5D)

• Available R/L type insert with one holder

Stable clamping according to the tripod structure



R Type

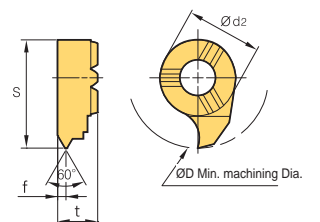
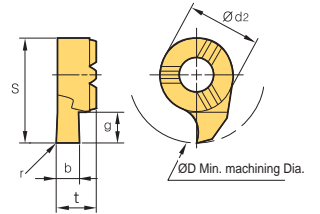
L Type

No-Spin-System design for strong clamping

# C Available Insert for Fine Tools

## Insert

Application	Picture	Designation	Coated		Dimensions (mm)									Configuration
			PC5300		ØD	b	r	S	g	Ød <sub>2</sub>	t	Pitch	f	
			R	L										
Grooving		NFTG 08075R/L	●		8	0.75	-	7.75	1.3	5.9	3.85	-	-	
		08085R/L	●		8	0.85	-	7.75	1.3	5.9	3.85	-	-	
		08095R/L	●		8	0.95	-	7.75	1.3	5.9	3.85	-	-	
		08121R/L	●		8	1.21	-	7.75	1.3	5.9	3.85	-	-	
		08141R/L	●		8	1.41	-	7.75	1.3	5.9	3.85	-	-	
		08152R/L	●		8	1.52	-	7.75	1.3	5.9	3.85	-	-	
		08171R/L	●		8	1.71	-	7.75	1.3	5.9	3.85	-	-	
		08202R/L	●		8	2.02	-	7.75	1.3	5.9	3.85	-	-	
		11075R/L	●		11	0.75	-	10.7	1.8	8.0	4.9	-	-	
		11085R/L	●		11	0.85	-	10.7	1.8	8.0	4.9	-	-	
		11095R/L	●		11	0.95	-	10.7	1.8	8.0	4.9	-	-	
		11121R/L	●		11	1.21	-	10.7	2.6	8.0	4.9	-	-	
		11141R/L	●		11	1.41	-	10.7	2.6	8.0	4.9	-	-	
		11152 R/L	●		11	1.52	-	10.7	2.6	8.0	4.9	-	-	
		11171R/L	●		11	1.71	-	10.7	2.6	8.0	4.9	-	-	
		11202R/L	●		11	2.02	-	10.7	2.6	8.0	4.9	-	-	
		11202R/L-02	●		11	2.02	0.2	10.7	2.6	8.0	4.9	-	-	
		11252R/L	●		11	2.52	-	10.7	2.6	8.0	4.9	-	-	
		11302R/L	●		11	3.02	-	10.7	2.6	8.0	4.9	-	-	
		14075R/L	●		14	0.75	-	13.5	1.8	9.0	5.85	-	-	
		14085R/L	●		14	0.85	-	13.5	1.8	9.0	5.85	-	-	
		14095R/L	●		14	0.95	-	13.5	1.8	9.0	5.85	-	-	
		14121R/L	●		14	1.21	-	13.5	4.3	9.0	5.85	-	-	
		14141R/L	●		14	1.41	-	13.5	4.3	9.0	5.85	-	-	
		14152R/L	●		14	1.52	-	13.5	4.3	9.0	5.85	-	-	
		14171R/L	●		14	1.71	-	13.5	4.3	9.0	5.85	-	-	
		14202R/L	●		14	2.02	-	13.5	4.3	9.0	5.85	-	-	
		14252R/L	●		14	2.52	-	13.5	4.3	9.0	5.85	-	-	
		14302R/L	●		14	3.02	-	13.5	4.3	9.0	5.85	-	-	
		16075R/L	●		16	0.75	-	15.7	1.8	11	5.8	-	-	
		16085R/L	●		16	0.85	-	15.7	1.8	11	5.8	-	-	
		16095R/L	●		16	0.95	-	15.7	1.8	11	5.8	-	-	
		16121R/L	●		16	1.21	-	15.7	4.6	11	5.8	-	-	
		16141R/L	●		16	1.41	-	15.7	4.6	11	5.8	-	-	
		16171R/L	●		16	1.71	-	15.7	4.6	11	5.8	-	-	
		16202R/L	●		16	2.02	-	15.7	4.6	11	5.8	-	-	
16252R/L	●		16	2.52	-	15.7	4.6	11	5.8	-	-			
16302R/L	●		16	3.02	-	15.7	4.6	11	5.8	-	-			
16352R/L	●		16	3.52	-	15.7	4.6	11	5.8	-	-			
16402R/L	●		16	4.02	-	15.7	4.6	11	5.8	-	-			
Threading		NFTT 0805MR/L	●		8	-	-	7.75	-	6	3.85	0.5	1.0	
		0810MR/L	●		8	-	-	7.75	-	6	3.85	1.0	1.0	
		0815MR/L	●		8	-	-	7.75	-	6	3.85	1.5	1.2	
		1110MR/L	●		11	-	-	10.7	-	8	4.9	1.0	1.2	
		1115MR/L	●		11	-	-	10.7	-	8	4.9	1.5	1.2	
		1120MR/L	●		11	-	-	10.7	-	8	4.9	2.0	1.2	
		1125MR/L	●		11	-	-	10.7	-	8	4.9	2.5	1.2	
		1410MR/L	●		14	-	-	13.5	-	9	5.85	1.0	1.2	
		1415MR/L	●		14	-	-	13.5	-	9	5.85	1.5	1.2	
		1420MR/L	●		14	-	-	13.5	-	9	5.85	2.0	1.2	
		1425MR/L	●		14	-	-	13.5	-	9	5.85	2.5	1.2	
		1610MR/L	●		16	-	-	15.7	-	11	5.8	1.0	1.2	
		1615MR/L	●		16	-	-	15.7	-	11	5.8	1.5	1.2	
		1620MR/L	●		16	-	-	15.7	-	11	5.8	2.0	1.2	
		1625MR/L	●		16	-	-	15.7	-	11	5.8	2.5	1.2	
		1630MR/L	●		16	-	-	15.7	-	11	5.8	3.0	1.5	
1635MR/L	●		16	-	-	15.7	-	11	5.8	3.5	1.6			
1640MR/L	●		16	-	-	15.7	-	11	5.8	4.0	1.8			



● : Stock item



**Insert**

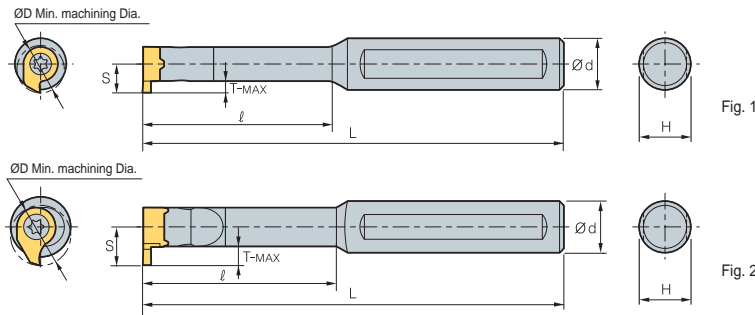
Application	Picture	Designation	Coated		Dimensions (mm)							Configuration
			PC5300		D	b	r	S	g	Ød <sub>2</sub>	t	
			R	L								
Profiling		NFTF 08082R/L	●		8	0.82	0.41	7.75	1.3	5.9	3.85	
		08122R/L	●		8	1.22	0.61	7.75	1.3	5.9	3.85	
		08182R/L	●		8	1.82	0.91	7.75	1.3	5.9	3.85	
		11082R/L	●		11	0.82	0.41	10.7	2.6	8	4.9	
		11122R/L	●		11	1.22	0.61	10.7	2.6	8	4.9	
		11182R/L	●		11	1.82	0.91	10.7	2.6	8	4.9	
		11202R/L	●		11	2.02	1.01	10.7	2.6	8	4.9	
		11302R/L	●		11	3.02	1.51	10.7	2.6	8	4.9	
		14122R/L	●		14	1.22	0.61	13.5	4.3	9	5.85	
		14182R/L	●		14	1.82	0.91	13.5	4.3	9	5.85	
		14202R/L	●		14	2.02	1.01	13.5	4.3	9	5.85	
		14222R/L	●		14	2.22	1.11	13.5	4.3	9	5.85	
		14302R/L	●		14	3.02	1.51	13.5	4.3	9	5.85	
		16182R/L	●		16	1.82	0.91	15.7	4.6	11	5.8	
		16222R/L	●		16	2.22	1.11	15.7	4.6	11	5.8	
		16302R/L	●		16	3.02	1.51	15.7	4.6	11	5.8	
		16402R/L	●		16	4.02	2.01	15.7	4.6	11	5.8	

● : Stock item

**NFTIH**



NFTF  
NFTT  
NFTG



• For NFTIH14-...  
• R type insert

(mm)

Designation	ØD	Ød	L	ℓ	T-MAX	H	S	Inserts		Screw	Screw	Fig.
								NFTG: Grooving	NFTT: Threading			
NFTIH 08206C	8	6	65	-	1.0	4	4.8			PTKA02508	TW08P	1
08212C	8	12	70	16	1.0	10	4.8	NFTG08□□□R/L				
08312C	8	12	80	24	1.0	10	4.8	NFTT08□□□R/L				
08312S	8	12	80	24	1.0	10	4.8	NFTF08□□□R/L				
08412C	8	12	90	32	1.0	10	4.8					
08512C	8	12	100	40	1.0	10	4.8			PTKA03510	TW15P	2
11208C	11	8	80	-	2.3	7	6.7					
11212C	11	12	75	22	2.3	11	6.7	NFTG11□□□R/L				
11312C	11	12	95	33	2.3	11	6.7	NFTT11□□□R/L				
11312S	11	12	95	33	2.3	11	6.7	NFTF11□□□R/L				
11412C	11	12	110	44	2.3	11	6.7			PTKA0412	TW15P	2
11512C	11	12	120	55	2.3	11	6.7					
14012C	14	12	75	20	4.0	11	9.0					
14016C	14	16	75	20	4.0	15	9.0					
14112C	14	12	100	34	4.0	11	9.0	NFTG14□□□R/L				
14116C	14	16	100	34	4.0	15	9.0	NFTT14□□□R/L				
14212C	14	12	110	45	4.0	11	9.0	NFTF14□□□R/L		PTKA0512	TW20P	2
14216C	14	16	110	45	4.0	15	9.0					
14312C	14	12	130	64	4.0	11	9.0					
14316C	14	16	130	64	4.0	15	9.0					
16312C	16	12	130	48	4.3	11	10.2	NFTG16□□□R/L				
16312S	16	12	130	48	4.3	11	10.2	NFTT16□□□R/L				
16412C	16	12	130	64	4.3	11	10.2	NFTF16□□□R/L		PTKA0512	TW20P	2
16512C	16	12	150	80	4.3	11	10.2					
16316C	16	16	130	48	4.3	15	10.2					
16416C	16	16	130	64	4.3	15	10.2			PTKA0512	TW20P	2
16516C	16	16	150	80	4.3	15	10.2					

↻ Applicable inserts C66 ~ C67

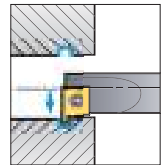
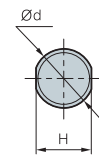
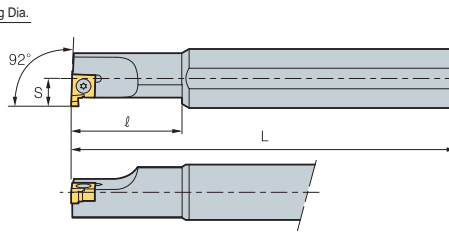
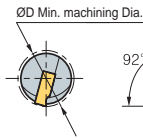


# C Grooving Tools

## IGH For internal grooving



IG



• R type insert  
(mm)

Designation	ØD	Ød	H	L	l	S	Inserts	Screw	Wrench
IGH	214R/L	14	16	15	150	25	IG125~280	FTKA02565	TW07P
	216R/L	16	16	15	150	30			
	220R/L	20	20	18	200	40			

➔ Applicable inserts C68

### ➔ Insert

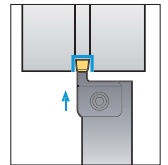
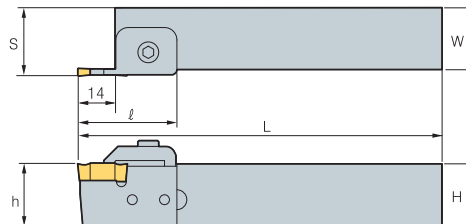
Application	Picture	Designation	Coated			Uncoated			Dimensions (mm)					Configuration	
			NC3215	NC3120	NC3225	H01	G10	ST30A	b	g	t	d	d <sub>1</sub>		
Internal grooving		IG	125					●	1.25	1.5	3.18	6.35	2.8		
			145					●	1.45	1.5	3.18	6.35	2.8		
			175						●	1.75	1.5	3.18	6.35		2.8
			200						●	2.0	2.3	3.18	6.35		2.8
			230						●	2.3	2.3	3.18	6.35		2.8
			280						●	2.8	2.3	3.18	6.35		2.8

● : Stock item

## DBH For deep and wide grooving



DB DC



• R type insert  
(mm)

Designation	H = (h)	W	L	l	S		Inserts		Clamp	Clamp Screw	Screw	Locator	Wrench	
					*	**	*	**						
DBH	320R/L	20	20	150	40	22.3	22.8	DB300	DB400	CGH5R1	MHA0512	MHB0410	LD34	HW30L HW40L
	325R/L	25	25	150	40	27.3	27.8	DC300	DC400					
	520R/L	20	20	150	40	23.8	24.3	DB500	DB600					
	525R/L	25	25	150	40	28.8	29.3	DC500						
	720R/L	20	20	150	40	25.8	26.3							
	725R/L	25	25	150	40	30.8	31.3	DB700	DB800					

➔ Applicable inserts C68

### ➔ Insert

Application	Picture	Designation	Cermet	Coated			Uncoated		Dimensions (mm)				Configuration
			CN2000	NC3215	NC3120	NC3225	H01	G10	b	l	t	r	
Grooving		DB	300						3.0	20	7.5	0.2	
			400						4.0	20	7.5	0.2	
			500						5.0	20	7.5	0.2	
			600						6.0	20	7.5	0.2	
			700						7.0	20	7.5	0.2	
			800						8.0	20	7.5	0.2	
		DC	300						3.0	20	7.5	0.2	
			400						4.0	20	7.5	0.25	
			500						5.0	20	7.5	0.3	

● : Stock item

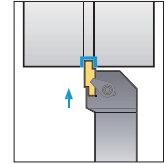
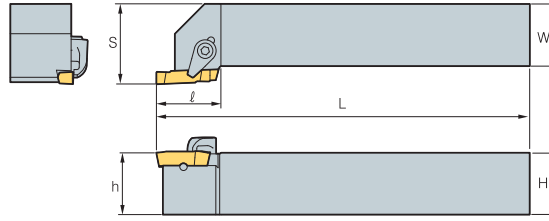


C

## GFT For External grooving



GW BF



• R type insert

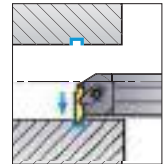
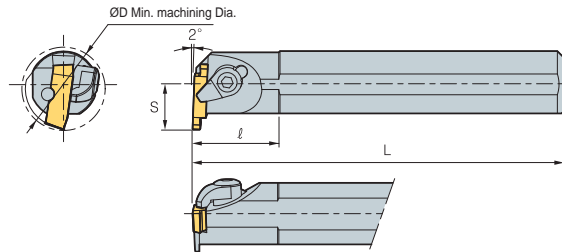
Designation	H = (h)	W	L	l	S	Inserts	Clamp	Screw	Pin	Wrench						
GFT	320R/L	20	20	125	23.5	25	GW110~300R/L,BF3	CS5R1	DHA0514	PN0310	HW25L					
	325R/L	25	25	150	23.5	32										
	525R/L	25	25	150	25.5	32						GW315~500R/L,BF5	CS6R1	DHA0617	PN0310	HW30L
	825R/L	25	25	150	28.5	32						GW600~800R/L,BF8	CS8R1	DHA0820	PN0314	HW40L

Applicable inserts C69 • Use right-hand insert for left-hand holder

## GFIP For Internal grooving



BF GW



• R type insert

Designation	ØD	Ød	H	L	l	S	Inserts	Clamp	C-ring	Screw	Pin	Wrench	
GFIP	316R/L	20	16	15	150	17	GW110~300R/L,BF3	CH5R2	CR04	CHX0513	PN0310	HW25L	
	320R/L	26	20	18	150	22							
	325R/L	32	25	23	200	22							
	340R/L	50	40	37	300	32							
	525R/L	32	25	23	200	22	GW315~500R/L,BF5	CH6R2	CR05	CHX0616	PN0310	HW30L	
	540R/L	50	40	37	300	32	27	GW600~800R/L,BF8	CS8R1	-	DHA0820	PN0314	HW40L
	840R/L	50	40	37	300	32	27						

Applicable inserts C69 • Use right-hand insert for left-hand holder

## Insert

Application	Picture	Designation	Uncoated		Dimensions (mm)						Configuration	
			ST30A		b	g	W	l	t	r		
Blank		BF	-3	●			3.1	16.4	5.26	-		
			-5			5.1	22.4	6.26	-			
			-8			8.1	27.4	7.26	-			
Grooving		GW	110R/L	●	●	1.1	2.1	3.1	16	5.0	0.2	
			130R/L	●	●	1.3	2.3	3.1	16	5.0	0.2	
			160R/L	●	●	1.6	2.6	3.1	16	5.0	0.2	
			185R/L	●	●	1.85	2.9	3.1	16	5.0	0.2	
			215R/L	●	●	2.15	3.2	3.1	16	5.0	0.2	
			265R/L	●	●	2.65	3.7	3.1	16	5.0	0.2	
			300R/L	●	●	3.0	4.0	3.1	16	5.0	0.2	
			315R/L	●	●	3.15	4.2	5.1	22	6.0	0.3	
			415R/L		●	4.15	5.2	5.1	22	6.0	0.3	
			500R/L			5.0	6.0	5.1	22	6.0	0.3	
			600R/L			6.0	7.0	8.1	27	7.0	0.3	
			800R/L			8.0	9.0	8.1	27	7.0	0.3	

● : Stock item

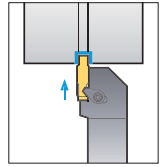
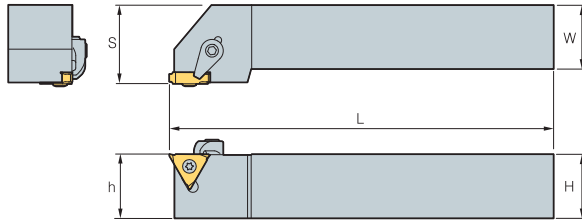


# C Grooving Tools

## GH For O-ring grooving Snap-ring grooving



GO GS



• R type insert

(mm)

Designation	H = (h)	W	L	S	Inserts	Clamp	Clamp Screw	Screw	Wrench
GH 2020R/L-3	20	20	125	22	GS125~280	CS6R1	DHA0617	PTMA03508	TW09P-HW30L
2525R/L-3	25	25	150	27	GO250				
2020R/L-4	20	20	125	21	GS330 / 430				
2525R/L-4	25	25	150	26	GO320 / 410				

### Insert

➔ Applicable inserts C70

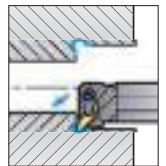
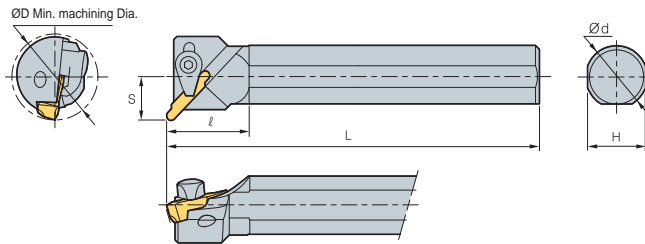
Application	Picture	Designation	Coated			Uncoated			Dimensions (mm)					Configuration
			NC3120	NC3225		H01	ST20	ST30A	b	g	W	r	d	
Grooving(Narrow · O-ring · Snap-ring)		GO 250						2.5	1.5	3.3	0.35	9.525		
		320						3.2	2.0	3.8	0.35	9.525		
		410						4.1	2.5	4.5	0.65	9.525		
		GS 125					●	1.23	1.5	2.5	0.2	9.525		
		145					●	1.43	1.5	2.5	0.2	9.525		
		175					●	1.73	2.0	2.5	0.2	9.525		
		185						1.83	2.0	2.5	0.2	9.525		
		200					●	2.03	2.5	2.5	0.2	9.525		
		230					●	2.28	3.5	2.8	0.2	9.525		
		280						2.78	3.5	3.3	0.3	9.525		
330						3.28	4.0	3.8	0.3	9.525				
430						4.28	4.0	4.5	0.4	9.525				

● : Stock item

## GFIK For Relieving



GR



• R type insert

(mm)

Designation	ØD	Ød	H	L	l	S	Inserts	Clamp	C-ring	Screw	Pin	Wrench
GFIK 316R/L	22	16	15	150	21.5	11	GR3□□	CH5R2	CR04	CHX0513	PN0310	HW25L
325R/L	32	25	23	200	21.5	17						
340R/L	50	40	37	300	35.4	27						
525R/L	32	25	23	200	27.5	17	GR5□□	CS6R1	-	DHA0617	PN0314	HW30L
540R/L	50	40	37	300	39.5	27						
840R/L	50	40	37	300	41.8	27						
840R/L	50	40	37	300	41.8	27						

### Insert

➔ Applicable inserts C70

Application	Picture	Designation	Coated			Uncoated			Dimensions (mm)						Configuration
			NC3120	NC3225		H01	ST20	ST30A	b	g	W	l	t	r	
Relieving		GR 310R						2.0	2.0	3.1	15.9	5.0	1.0		
		315R						3.0	2.9	3.1	15.9	5.0	1.5		
		520R						4.0	4.0	5.1	21.9	6.0	2.0		
		525R						5.0	5.0	5.1	21.8	6.0	2.5		
		830R						6.0	6.0	8.1	26.8	7.0	3.0		
		840R						8.0	8.0	8.1	26.7	7.0	4.0		

● : Stock item



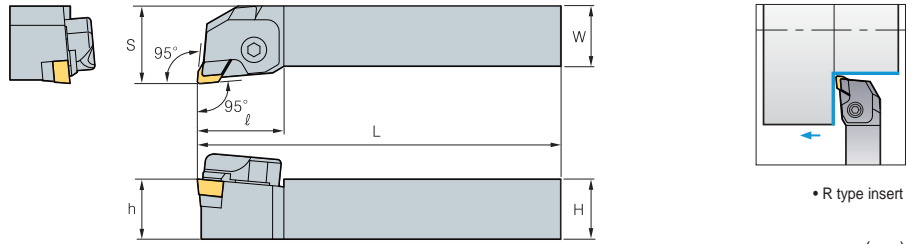
C

Multi functional Tools

## EH Regrinding type insert



ESB



• R type insert

(mm)

Designation	H = (h)	W	L	ℓ	S	Inserts	Clamp	Clamp Screw	Chip Breaker	Shim	Shim Screw	Wrench
EH 620R	20	20	125	36	27	ESB34	CTH6R2	BHA0616	CB20	SES33C	SHX0310	HW50L HW20L
EH 625R	25	25	150	36	32							

➔ Applicable inserts C71

## Insert

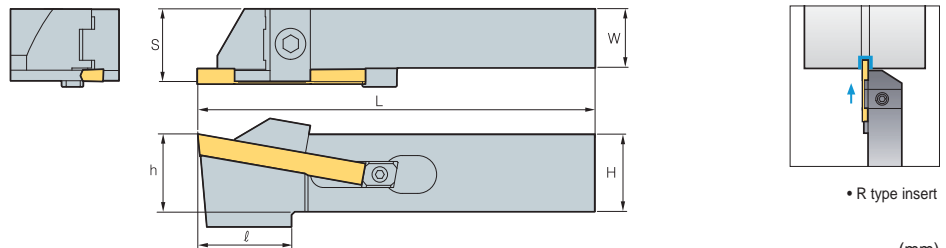
Application	Picture	Designation	Uncoated		Dimensions (mm)			Configuration
			ST10	ST20	W	l	t	
General Machining		ESB 34			9.525	30.0	6.35	

●: Stock item

## PH For Parting off Deep grooving



POB



• R type insert

(mm)

Designation	H	W	L	ℓ	S	h	Max (Ø)	Inserts	Clamp	Clamp Screw	Stopper	Stopper Screw	Wrench
PH 320R/L	19	19	150	34	22.25	19	30	POB300	CGH6R1	BHA0616	STP5	KHD0510	HW25L-HW50L
PH 325R/L	25	19	150	34	22.25	25	40						
PH 420R/L	19	19	150	34	23.5	19	30	POB400	CGH6R2	BHA0616	STP5	KHD0510	HW25L-HW50L
PH 425R/L	25	19	150	34	23.5	25	40						
PH 520R/L	19	19	150	34	24.4	19	50	POB500	CTH 6R3	BHA0616	STP5	KHD0510	HW25L-HW50L
PH 525R/L	25	19	150	34	24.4	25	50						

➔ Applicable inserts C71

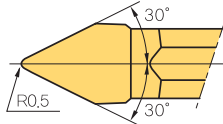
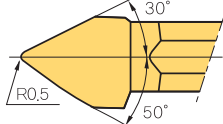
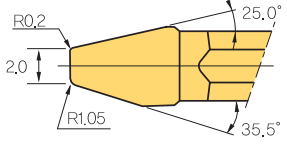
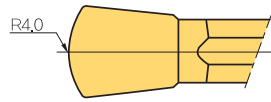
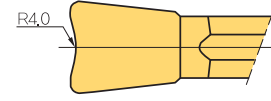
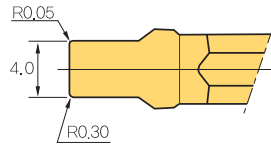
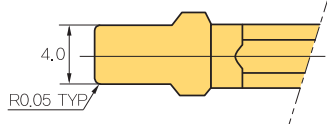
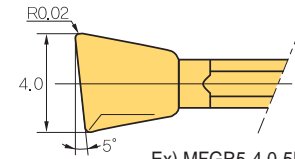
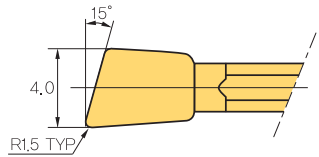
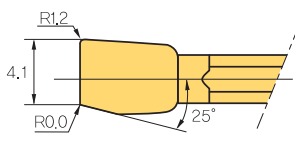
## Insert

Application	Picture	Designation	Uncoated		Dimensions (mm)			Configuration
			ST10	ST20	W	l	t	
Grooving - Parting off		POB 300		●	3.0	55	6.0	
		POB 400		●	4.0	55	7.0	
		POB 500		●	5.0	55	8.0	

●: Stock item



# C Special Order Form for MGT

Code system	Configuration
<p><b>M F G N 4 - 0.5R - 30D</b></p> <p>① ② ③ ④ ⑤ ⑥ ⑦</p> <p>① Multi                      ② Forming                      ③ Grinding            ④ Feed Direction          ⑤ Clamp part: 4 mm          ⑥ Nose Radius: 0.5            ⑦ Degree: 30°</p>	 <p>Ex) MFGN4-0.5R-30D</p>
<p><b>MFGN4 - 0.5R - L 50 D - R 30D</b></p> <p>① ② ③ ④ ⑤ ⑥</p> <p>① Refer to No. 1              ② Nose Radius: 0.5              ③ Left            ④ Degree: 50°                  ⑤ Right                              ⑥ Degree &gt; 30°</p>	 <p>Ex) MFGN4-0.5R-L50D-R30D</p>
<p><b>MFGN4 - 2.0 - R 020 250 - L 105 335</b></p> <p>① ② ③ ④ ⑤ ⑥ ⑦ ⑧</p> <p>① Refer to No. 1              ② Width of cutting edge: 2.0mm      ③ Right            ④ Nose Radius: 0.20          ⑤ Degree: 25.0°                  ⑥ Left            ⑦ Nose Radius: 1.05          ⑧ Degree: 35.5°</p>	 <p>Ex) MFGN4-2.0-R020250-L105335</p>
<p><b>MFGN5 - 4.0R F</b></p> <p>① ② ③</p> <p>① Refer to No. 1              ② Radius: 4.0                      ③ Front(Concave)</p>	 <p>Ex) MFGN5-4.0RF</p>
<p><b>MFGN5 - 4.0R B</b></p> <p>① ② ③</p> <p>① Refer to No. 1              ② Radius: 4.0                      ③ Back(Concave)</p>	 <p>Ex) MFGN5-4.0RB</p>
<p><b>MFGN5 - 4.0 - R 005 - L 030</b></p> <p>① ② ③ ④ ⑤ ⑥</p> <p>① Refer to No. 1              ② Width of cutting edge: 4.0 mm      ③ Right            ④ Nose Radius: 0.05          ⑤ Left                                  ⑥ Nose Radius : 0.30</p>	 <p>Ex) MFGN5-4.0-R005-L030</p>
<p><b>MFGN5 - 4.0 - 0.05 R</b></p> <p>① ② ③</p> <p>① Refer to No. 1            ② Width of cutting edge: 4.0 mm            ③ Nose Radius: 0.05</p>	 <p>Ex) MFGN5-4.0-0.05R</p>
<p><b>MFG R 5 - 4.0 - 5D - R 002 - L 115</b></p> <p>① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨</p> <p>① Refer to No. 1              ② Right                              ③ Clamp part: 5mm            ④ Width of cutting edge: 4.0mm      ⑤ Lead angle: 5°                  ⑥ Right            ⑦ Nose Radius: 0.02                  ⑧ Left                                  ⑨ Nose Radius: 1.15</p>	 <p>Ex) MFGR5-4.0-5D-R002-L115</p>
<p><b>MFG L 5 - 4.0 - 15D - 1.5R</b></p> <p>① ② ③ ④ ⑤ ⑥</p> <p>① Refer to No. 1              ② Left                                  ③ Clamp part: 5 mm            ④ Width of cutting edge: 4.0 mm      ⑤ Lead angle: 15°                  ⑥ Right Nose Radius: 1.5</p>	 <p>Ex) MFG L 5-4.0-15D-1.5R</p>
<p><b>MFG R 5 - 4.10 - 25D - R012 - L000</b></p> <p>① ② ③ ④ ⑤ ⑥ ⑦</p> <p>① Refer to No. 1              ② Right                              ③ Clamp part: 5mm            ④ Width of cutting edge: 4.1mm      ⑤ Degree: 25°                      ⑥ Right Nose Radius: 1.2            ⑦ Left Nose Radius: 0.0</p>	 <p>Ex) MFG R 5-4.10-25D-R012-L000</p>





## Code system

KP
27
064
-
R0.425
N3

**KORLOY PULLEY**

**ØD**

**W**

**R1**

**No. of flutes**

Ex)

**I.C**

**T**

**R**

**Z**

Ø 15.875

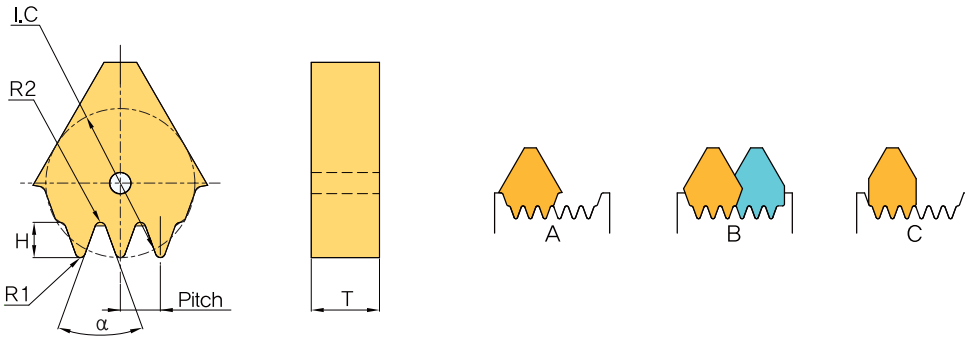
6.4

0.425

3

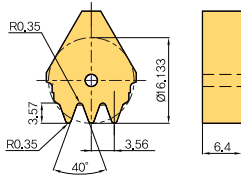
► Special types are available for quotation

### Insert for machining of pulley



#### Specifications

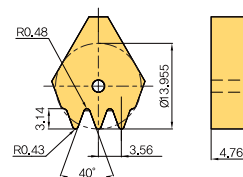
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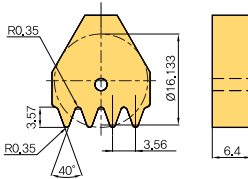
**KP27064-R0.35-N3**  
(Former: DF356-3B)

#### Specifications

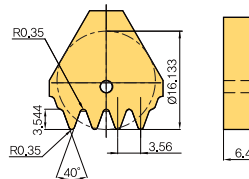
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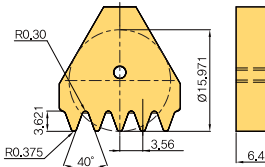
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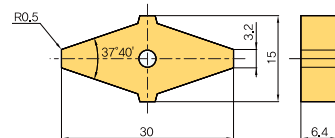
**KP27064-R0.35-N4**  
(Former: DF356-4B)



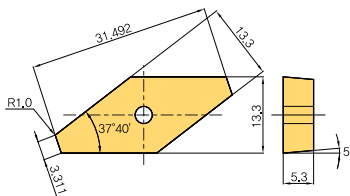
**KP27064-R0.35-N4-A**  
(Former: DF356-4X)



**KP27064-R0.375-N5**  
(Former: DF356-5B)



**UF320**



**VF13M522**

