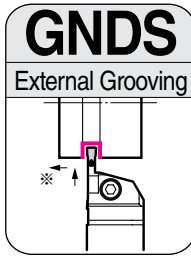


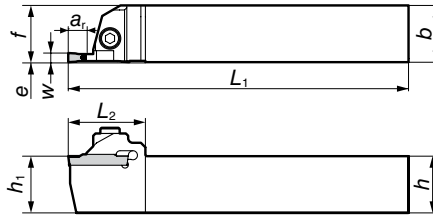
GNDS Type

External Multi-purpose Shallow Grooves Type (Grooving, Turning, and Copying)



New

* Use the multi-purpose copying insert for turning (wide grooves).



Above figures show right hand tools

Spare Parts

BX0520	LH040

■ Holders

Cat. No.	Stock		Dimensions (mm)						Grooving Width (mm)	Max. Grooving Depth (mm)	Applicable Insert	Cap Screw	Recommended Tightening Torque (N·m)	Spanner
	R	L	h	b	L ₁	f	h ₁	L ₂	w	a _r				
GNDS R/L2020K-206	●	●	20	20	125	20	20	30	2.0	6	GCM □20○○-□□	BX0520	5.0	LH040
GNDS R/L2020K-306	●	●	20	20	125	20	20	30	3.0	6	GCM □30○○-□□			
GNDS R/L2020K-410	●	●	20	20	125	20	20	34	4.0	10	GCM □40○○-□□			
GNDS R/L2020K-510	●	●	20	20	125	20	20	34	5.0	10	GCM N50○○-□□			
GNDS R/L2020K-610	●	●	20	20	125	20	20	34	6.0	10	GCM N60○○-□□			
GNDS R/L2525M-206	●	●	25	25	150	25	25	30	2.0	6	GCM □20○○-□□			
GNDS R/L2525M-306	●	●	25	25	150	25	25	30	3.0	6	GCM □30○○-□□			
GNDS R/L2525M-410	●	●	25	25	150	25	25	34	4.0	10	GCM □40○○-□□			
GNDS R/L2525M-510	●	●	25	25	150	25	25	34	5.0	10	GCM N50○○-□□			
GNDS R/L2525M-610	●	●	25	25	150	25	25	34	6.0	10	GCM N60○○-□□			

Select holders and inserts with the same grooving widths (w).

■ GNDM (Small Tools)/GNDL (Small Tools)/GNDS Insert

Application	Shape	Appearance	Cat. No.	Coated Carbide				Dimensions (mm)					Pcs./Pack	Fig.		
				AC830P	AC425K	AC520U	AC530U	w		r _ε	ℓ	s				
								Cutting width	Tolerance							
Grooving / Turning		MG Type General Purpose Type	GCM N3004-MG	●	●	●	●	3.0	±0.03	0.4	21.1	3.8	5	1		
			GCM N4008-MG	●	●	●	●	4.0	±0.03	0.8	26.4	4.0				
			GCM N5008-MG	●	●	●	●	5.0	±0.03	0.8	26.4	4.1				
			GCM N6008-MG	●	●	●	●	6.0	±0.03	0.8	26.4	4.5				
			GCM N3002-ML	●	●	●	●	3.0	±0.03	0.2	21.1	3.8				
		Grooving / Cut-Off		ML Type w=4.0mm Low Feed Type	GCM N4004-ML	●	●	●	●	4.0	±0.03	0.4	26.4	4.0	5	1
					GCM N5004-ML	●	●	●	●	5.0	±0.03	0.4	26.4	4.1		
					GCM N6004-ML	●	●	●	●	6.0	±0.03	0.4	26.4	4.5		
					GCM N2002-GG	●	●	●	●	2.0	±0.03	0.2	21.1	3.6		
					GCM N3002-GG	●	●	●	●	3.0	±0.03	0.2	21.1	3.8		
Grooving / Cut-Off				GG Type General Purpose Type	GCM N4002-GG	●	●	●	●	4.0	±0.03	0.2	26.4	4.0	5	1
					GCM N5002-GG	●	●	●	●	5.0	±0.03	0.2	26.4	4.1		
					GCM N6002-GG	●	●	●	●	6.0	±0.03	0.2	26.4	4.5		
					GCM N3004-GG	●	●	●	●	3.0	±0.03	0.4	21.1	3.8		
					GCM N4004-GG	●	●	●	●	4.0	±0.03	0.4	26.4	4.0		
		Grooving / Cut-Off		GL Type Low Feed Type	GCM N5004-GG	●	●	●	●	5.0	±0.03	0.4	26.4	4.1	5	1
					GCM N6004-GG	●	●	●	●	6.0	±0.03	0.4	26.4	4.5		
					GCM N2002-GL	●	●	●	●	2.0	±0.03	0.2	21.1	3.6		
					GCM N3002-GL	●	●	●	●	3.0	±0.03	0.2	21.1	3.8		
					GCM N4002-GL	●	●	●	●	4.0	±0.03	0.2	26.4	4.0		
Grooving / Cut-Off				GF Type Low cutting force Type	GCM N5002-GL	●	●	●	●	5.0	±0.03	0.2	26.4	4.1	5	1
					GCM N6002-GL	●	●	●	●	6.0	±0.03	0.2	26.4	4.5		
					GCM N125005-GF	—	—	—	●	1.25	±0.03	0.05	17.4	3.2		
					GCM N150005-GF	—	—	—	●	1.5	±0.03	0.05	17.4	3.7		
					GCM N2002-GF	—	—	—	●	2.0	±0.03	0.2	21.1	3.6		
		Grooving / Cut-Off		RG Type General Purpose Type	GCM N3002-GF	●	●	●	●	3.0	±0.03	0.2	21.1	3.8	5	1
					GCM N4002-GF	●	●	●	●	4.0	±0.03	0.2	26.4	4.0		
					GCM N5002-GF	●	●	●	●	5.0	±0.03	0.2	26.4	4.1		
					GCM N6002-GF	●	●	●	●	6.0	±0.03	0.2	26.4	4.5		
					GCM N3015-RG	●	●	●	●	3.0	±0.03	1.5	21.1	3.8		
Cut-Off				RG Type General Purpose Type	GCM N4020-RG	●	●	●	●	4.0	±0.03	2.0	26.4	4.0	5	2
					GCM N5025-RG	●	●	●	●	5.0	±0.03	2.5	27.2	4.1		
					GCM N6030-RG	●	●	●	●	6.0	±0.03	3.0	27.5	4.5		
					GCM R/L2002-CG-05	●	●	●	●	2.0	±0.03	0.2	21.1	3.6		
					GCM R/L3002-CG-05	●	●	●	●	3.0	±0.03	0.2	21.3	3.8		
		Cut-Off		CG Type General Purpose Type	GCM R/L4002-CG-05	●	●	●	●	4.0	±0.03	0.2	26.7	4.0	5	3
					GCM R/L2002-CG-05	●	●	●	●	2.0	±0.03	0.2	21.1	3.6		
					GCM R/L3002-CG-05	●	●	●	●	3.0	±0.03	0.2	21.3	3.8		
					GCM R/L4002-CG-05	●	●	●	●	4.0	±0.03	0.2	26.7	4.0		
					GCM R/L5002-CG-05	●	●	●	●	5.0	±0.03	0.2	26.7	4.0		

Select holders and inserts with the same grooving widths (w). Recommended Cutting Conditions F18

● mark: Standard stocked item (expanded item)