
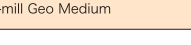
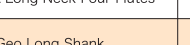
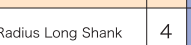



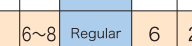






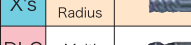
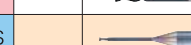


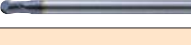
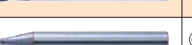




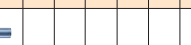

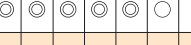









Tungsten Carbide End Mills

◎: Excellent ○: Good ×: Not Used (No mark): Not recommended

	Code	End Mill Name	No. of Flutes	Length of Cut	Stocked Size		Coating	Performance	Appearance	Work Material																
					MIN	MAX				SS400	S45C S50C	SCM SCR	Alloy Steels	NAK Pre-Hardened Steels	Hardened Steels				SUS304 SUS316	Titanium Alloys, Nickel Alloys	Cast Irons	Aluminum Alloys	Copper Alloys	Graphite		
															30~45 HRC	45~55 HRC	55~60 HRC	60~66 HRC								
Four Flutes	GSX4C-3D	GSX MILL Four Flutes 3D	4	Medium	1	20	GSX			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	4GEOM	X's-mill Geo Medium	4	Medium	2	20	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	GSN4	GS MILL Long Neck Four Flutes	4	Long Neck	1	10	GS			○	◎	◎	◎	◎	◎			○	○	○						
	4GEOLS	X's-mill Geo Long Shank	4	Long Neck	3	20	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	4GEOLS-R	X's-mill Geo Radius Long Shank	4	Long Neck	3	20	X's	Corner Radius		◎	◎	◎	◎	◎	◎			◎	◎	◎						
	GSX4C-4D	GSX MILL Four Flutes 4D	4	Long	1	20	GSX			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	SL4GEO	X's-mill Geo Long	4	Long	3	20	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
SL4PLXS	X's-mill Long Four Flutes	4	Long	3	20	X's			○	◎	◎	◎	◎	◎			○	○	○							
4~8 Flutes	GSH	GS MILL Hard	4~8	Regular	1	20	GS	Hi-Hardness			○	◎	◎	◎	◎											
	GSH-R	GS MILL Hard Radius	6~8	Regular	6	20	GS	Hi-Hardness			○	◎	◎	◎	◎	◎										
	XSMT	X's-mill Multi-Flutes	6~8	Regular	3	20	X's				◎	◎	◎	◎	◎			○	○	○						
	SLXSMH	X's-mill Hard Long	6~8	Long	6	20	X's	Hi-Hardness					○	○	◎	◎	◎									
Rough	GSRE	GS MILL Roughing	4	Regular	6	20	GS	Rough		◎	◎	◎	◎	◎			◎	◎	◎	○	○					
	GSRE-R	GS MILL Roughing Radius	4	Regular	6	20	GS	Rough		◎	◎	◎	◎	◎			◎	◎	◎	○	○					
	GSHV	GS MILL HEAVY	4	Regular	6	20	GS	Semi-Finish		◎	◎	◎	◎	◎			◎	◎	◎	○	○					
Long Neck	GSN4	GS MILL Long Neck Four Flutes	4	Long Neck	1	10	GS			○	◎	◎	◎	◎	◎			○	○	○						
	4GEOLS	X's-mill Geo Long Shank	4	Long Neck	3	20	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	4GEOLS-R	X's-mill Geo Radius Long Shank	4	Long Neck	3	20	X's	Corner Radius		◎	◎	◎	◎	◎	◎			◎	◎	◎						
	DLCSLTLS	DLC-mill SLOT Long Shank	3	Long Neck	2	20	DLC	Multi														◎	○			
	GSN2	GS MILL Long Neck Two Flutes	2	Long Neck	0.2	6	GS			○	◎	◎	◎	◎	◎			○	○	○						
Ball	CURIB	Long Neck Two Flutes for Copper	2	Long Neck	0.4	4	CrN	For Aluminum-Non-iron Alloy														○	◎			
	2GSR	GS MILL Ball	2	Short	0.5	6	GS			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	2MMR	Mold Meister Ball	2	Short	0.5	6	X's	Hi-Precision		◎	◎	◎	◎	◎	◎			◎	◎	◎						
	2GEOR	X's-mill Geo Ball	2	Short	0.5	15	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	GEOMR	X's-mill Geo Microball	2	Short	0.1	2	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	GSBH	GS MILL Hard Ball	2	Short	0.2	6	GS	Hi-Hardness					○	○	◎	◎	◎									
	BNBP	CBN Mold Finish Master	2	Short	0.2	1		Hi-Precision					○	○	◎	◎	◎									
	2CER	ANCHOR V Ball	2	Regular	1.5	10				○	○	○	○	○	○							○	○	○		
	2MNER	Carbide Mini-Ball End Mills Two Flutes	2	Regular	0.05	1				○	○	○	○	○	○							○	○	○		
	2GEOLSR	X's-mill Geo Ball Long Shank	2	Long Shank	0.5	15	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	2DLCR	DLC-mill Ball	2	Long Neck	0.5	10	DLC	For Aluminum-Non-iron Alloy															◎	○		
	GSBNH2	GS MILL Long Neck Hard Ball	2	Long Neck	0.1	3	GS			○	◎	◎	◎	◎	◎			○	○	○						
	GSBN2	GS MILL Long Neck Ball	2	Long Shank	0.1	3	GS			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	GEOMLNR	X's-mill Geo Microball Long Neck	2	Long Neck	0.25	2	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	CURIBR	Long Neck Ball for Copper	2	Long Neck	0.1	3	CrN	For Aluminum-Non-iron Alloy															○	◎		
2GEOPNR	X's-mill Geo Ball Pencil Neck	2	Taper Neck	0.5	6	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎							
Radius	GS4-R	GS MILL Radius	4	Regular	3	12	GS			◎	◎	◎	◎	◎	◎			◎	◎	◎						
	GSH-R	GS MILL Hard Radius	6~8	Regular	6	20	GS	Hi-Hardness			○	◎	◎	◎	◎	◎										
	GSRE-R	GS MILL Roughing Radius	4	Regular	6	20	GS	Rough		◎	◎	◎	◎	◎			◎	◎	◎	○	○					
	4XSgeo-R	X's-mill Geo Radius	4	Regular	3	20	X's			◎	◎	◎	◎	◎	◎			◎	◎	◎						

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