

# 2 FLUTE, SHORT LENGTH, BALL NOSE 2 SCHNEIDEN, KURZ, STIRNRADIUS

**SERIES GE944**

PLAIN SHANK  
GLATTEM ZYLINDERSCHAFT

**ECONOMY**

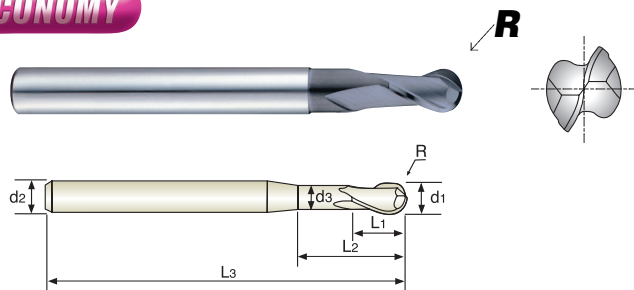
MG  
HM

2

30°

R  
±0.01

PLAIN



► Designed for the machining graphite, reinforced plastic, high silicon aluminum alloys.

Zum Zerspanen von Graphit, verstärkten Verbundmaterialien, Silikon-Aluminium legierung.

► YG-1's newly developed diamond film coating allows a good result for the machining non-ferrous metals and non-metallic materials.

Die neuentwickelte Diamantfilmbeschichtung ermöglicht hervorragende Zerspanergebnisse von Nichteisenmetallen und nichtmetallischen Materialien.

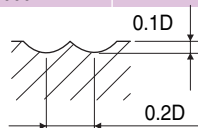
Unit : mm

EDP No.	R ±0.01	MILL DIAMETER d <sub>1</sub>	SHANK DIAMETER d <sub>2</sub> (h6)	LENGTH OF CUT L <sub>1</sub>	LENGTH BELOW SHANK L <sub>2</sub>	OVERALL LENGTH L <sub>3</sub>	NECK DIAMETER d <sub>3</sub>
GE944020	1	2	6	3	5	60	1.9
GE944025	1.25	2.5	6	4	6	60	2.4
GE944030	1.5	3	6	4.5	6.5	60	2.8
GE944035	1.75	3.5	6	5	7	65	3.2
GE944040	2	4	6	6	8	65	3.7
GE944050	2.5	5	6	7.5	10	65	4.6
GE944060	3	6	6	9	12	75	5.6
GE944080	4	8	8	12	25	75	7.4
GE944100	5	10	10	15	30	80	9.4
GE944120	6	12	12	18	36	90	11.4

MILL DIA. TOLERANCE(mm)	SHANK DIA. TOLERANCE
0 -0.03	h6

## CUTTING CONDITION

MATERIAL	GRAPHITE	
DIAMETER	RPM	FEED
2	30000	1600
3	24000	1700
4	21000	1900
5	18000	2400
6	16000	2800
8	13000	2600
10	11000	2500
12	9000	2400



RPM=REVOLUTION PER MIN.  
Feed=mm/min