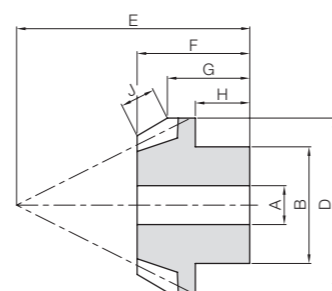


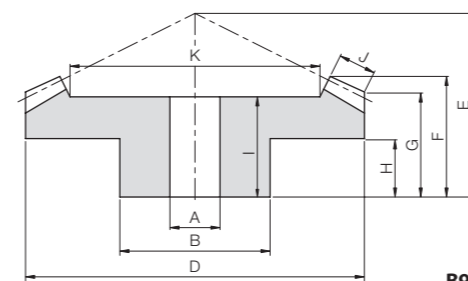


Specifications	
Precision grade	JIS B 1704: 1978 grade 6
Gear teeth	Gleason
Pressure angle	20°
Material	Duracon (R) (M90-44)
Heat treatment	—
Tooth hardness	(110 to 120HRR)

*Duracon (R) is a registered trademark of Polyplastics Co., Ltd. in Japan as well as other countries.



B1



B9

Catalog Number	Gear Ratio	Module	No. of teeth	Shape	Bore		Pitch dia.	Outside dia.	Mounting distance	Total length		Crown to back
					A	B				F	G	
DB0.5-4020 DB0.5-2040	2	m0.5	40	B9	4	12	20	20.29	12	8.33	7.29	
20			B1	3	8	10	11.2	16	8.46	6.3		
DB0.8-4020 DB0.8-2040		m0.8	40	B9	5	15	32	32.47	18	11.91	10.47	
20			B1	4	12	16	17.92	24	11.5	8.48		
DB1-4020 DB1-2040		m1	40	B9	6	18	40	40.59	22	14.45	12.59	
20			B1	5	15	20	22.4	30	14.49	10.6		

Hub width	Hole length	Face width	Holding surface dia.	Allowable torque (N·m)	Allowable torque (kgf·m)	Backlash (mm)	Weight (g)	Catalog Number
H	I	J	K	Bending strength	Bending strength			
4	7	2.5	14.41	0.24	0.025	0~0.30	2.00	DB0.5-4020
4	—	—	—	0.092	0.0094		0.54	DB0.5-2040
6	10	3.5	24.17	0.91	0.093	0~0.48	6.26	DB0.8-4020
5	—	—	—	0.34	0.035		1.87	DB0.8-2040
7.5	12.5	4.5	30.44	1.59	0.16	0~0.60	11.9	DB1-4020
7	—	—	—	0.60	0.061		3.54	DB1-2040

Dimensional tolerance of molded item (unit: mm)

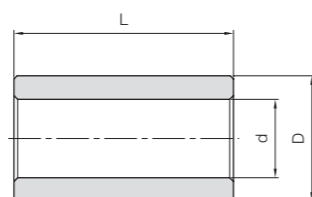
Dimensional classification	Grade	Rough grade
	3 or less	
4 to 6		±0.25
7 to 10		±0.30
11 to 18		±0.35
19 to 30		±0.40
Over 30		±0.50



Sintered Metal Bushings



When using the injection molded bevel gear as an idler gear and a shaft diameter smaller than the inside diameter of the molded gear, please press fit one of the following standard bushings.



T8

Catalog Number	Inner dia.	Outside dia.	Length	Gear example
	$d \begin{smallmatrix} +0.02 \\ 0 \end{smallmatrix}$	$D \begin{smallmatrix} +0.02 \\ -0.01 \end{smallmatrix}$	$L \begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$	
BB30507	3	5	7	DB0.8
BB40612	4	6	12	DB1

Material: Oil-free copper alloy

