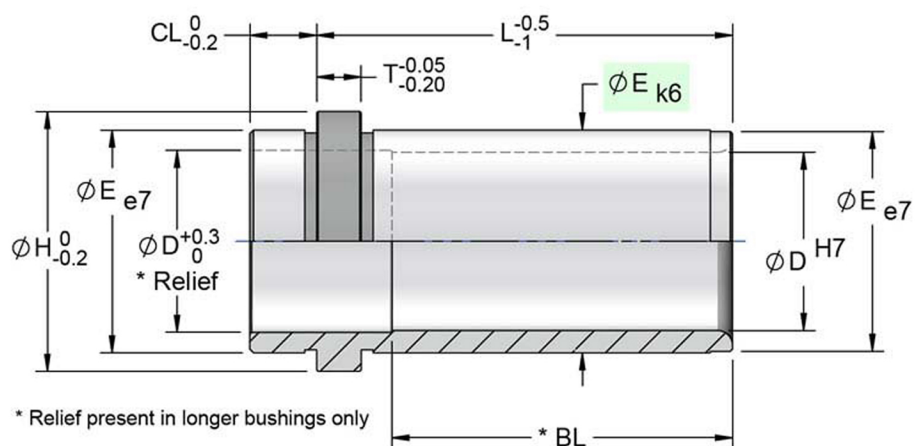


Metric DIN Guide Pin Bushings - With Collar

- Eliminates galling to Guide Pins
- Custom sizes available upon request



SPECIFICATIONS	
D I.D. Tolerance	H7
E O.D. Tolerance	e7
H Head Diameter Tolerance	0.0 / -0.2
T Head Thickness Tolerance	-0.05 / -0.20
Collar Length Tolerance	0.0 / -0.2
L Length Tolerance	-0.5/-1.0



GDB-ECS

Standard: Metric DIN

Material: 1.7131 (AISI 5115 Type) Steel

Surface Treatment: Case-hardened 58 - 62 HRC & Finish Ground

CATALOG NO.	D	E	H	T	CL	L													
						017	022	027	036	046	056	066	076	086	096	116	136	156	246
GDB-ECS-14-	14	20	25	6	9														
GDB-ECS-15-	15																		
GDB-ECS-18-	18	26	31	6	9														
GDB-ECS-20-	20																		
GDB-ECS-22-	22	30	35	6	9														
GDB-ECS-24-	24																		
GDB-ECS-30-	30	42	47	6	9														
GDB-ECS-32-	32																		
GDB-ECS-40-	40	54	60	10	12														
GDB-ECS-42-	42																		

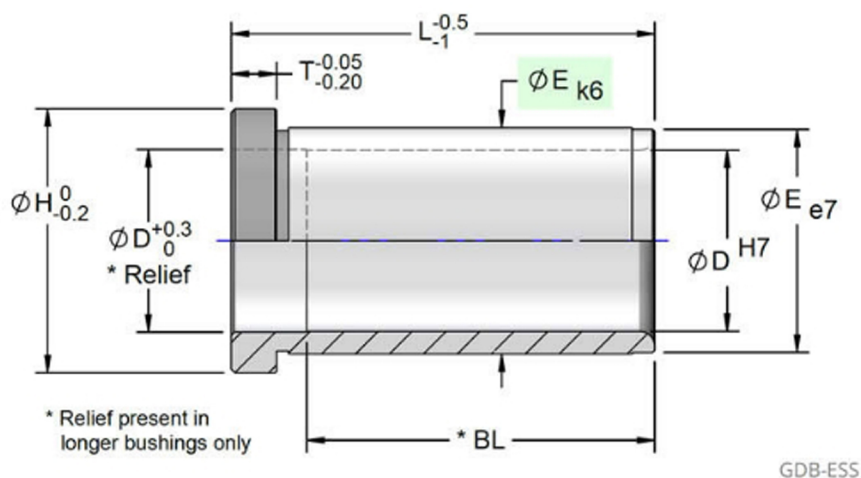
Add length to end of item number (i.e. GDB-ECS-14-017)

Metric DIN Guide Pin Bushings - Without Collar

- Eliminates galling to Guide Pins
- Custom sizes available upon request



SPECIFICATIONS	
D I.D. Tolerance	H7
E O.D. Tolerance	e7
H Head Diameter Tolerance	0.0 / -0.2
T Head Thickness Tolerance	-0.05 / -0.20
Collar Length Tolerance	0.0 / -0.2
L Length Tolerance	-0.5/-1.0



Standard: Metric DIN

Material: 1.7131 (AISI 5115 Type) Steel

Surface Treatment: Case-hardened 58 - 62 HRC & Finish Ground

CATALOG NO.	D	E	H	T	L													
					009	012	017	022	027	036	046	056	066	076	086	096	116	136
GDB-ESS-09-	09	14	16	3														
GDB-ESS-10-	10																	
GDB-ESS-14-	14	20	25	6														
GDB-ESS-15-	15																	
GDB-ESS-18-	18	26	31	6														
GDB-ESS-20-	20																	
GDB-ESS-22-	22	30	35	6														
GDB-ESS-24-	24																	
GDB-ESS-30-	30	42	47	6														
GDB-ESS-32-	32																	
GDB-ESS-40-	40	54	60	10														
GDB-ESS-42-	42																	

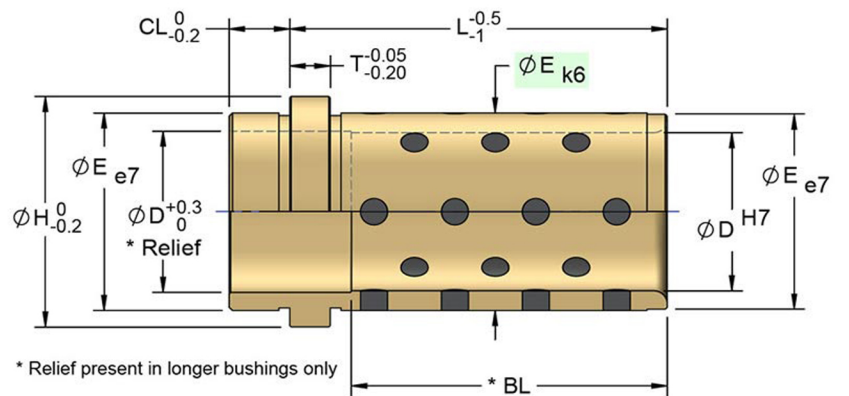
Add length to end of catalog number (i.e. GDB-ESS-09-009)

Metric DIN Self-Lube Guide Pin Bushings - With Collar

- Eliminates galling to Guide Pins
- Does not require grease
- Custom sizes available upon request



SPECIFICATIONS	
D I.D. Tolerance	H7
E O.D. Tolerance	k6
H Head Diameter Tolerance	0.0 / -0.2
T Head Thickness Tolerance	0.0 / -0.2
Collar Length Tolerance	-0.05 / -0.20
L Length Tolerance	-0.5 / -1.0



GDB-ECL

Standard: Metric DIN

Material: 2.0975 Aluminum Bronze with graphite plugs

Surface Treatment: Finish Ground

CATALOG NO.	D	E	H	T	CL	L												
						017	022	027	036	046	056	066	076	086	096	116	136	156
GDB-ECL-09-	09	14	16	3	3													
GDB-ECL-10-	10																	
GDB-ECL-14-	14	20	25	6	9													
GDB-ECL-15-	15																	
GDB-ECL-18-	18	26	31	6	9													
GDB-ECL-20-	20																	
GDB-ECL-22-	22	30	35	6	9													
GDB-ECL-24-	24																	
GDB-ECL-30-	30	42	47	6	9													
GDB-ECL-32-	32																	
GDB-ECL-40	40	51	60	10	12													
GDB-ECL-42	42																	

Add length to end of catalog number (i.e. GDB-ECL-09-017)

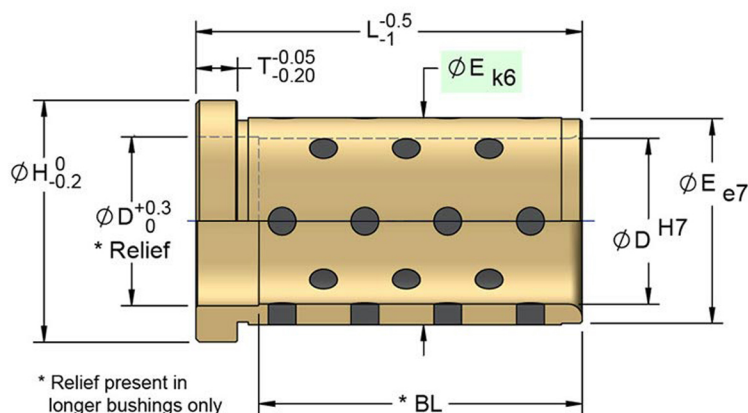
Phone: 800-521-0546 E-mail: sales@pcs-company.com Fax: 800-505-3299
www.pcs-company.com

Metric DIN Self-Lube Guide Pin Bushings - Without Collar

- Eliminates galling to Guide Pins
- Does not require grease
- Custom sizes available upon request



SPECIFICATIONS	
E O.D. Tolerance	k6
D I.D. Tolerance	H7
H Head Diameter Tolerance	+0.0 / -0.2
T Head Thickness Tolerance	-0.05 / -0.20
L Length Tolerance	-0.5 / -1.0



GDB-ESL

Standard: Metric DIN**Material:** 2.0975 Aluminum Bronze with graphite plugs**Surface Treatment:** Finish Ground

CATALOG NO.	D	E	H	T	L											
					017	022	027	036	046	056	066	076	086	096	116	136
GDB-ESL-09	09	14	16	3												
GDB-ESL-10	10															
GDB-ESL-14-	14	20	25	6												
GDB-ESL-15-	15															
GDB-ESL-18-	18	26	31	6												
GDB-ESL-20-	20															
GDB-ESL-22-	22	30	35	6												
GDB-ESL-24-	24															
GDB-ESL-30-	30	42	47	6												
GDB-ESL-32-	32															
GDB-ESL-40-	40	54	60	10												
GDB-ESL-42-	42															

Add length to end of catalog number (i.e. GDB-ESL-09-017)