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**WE
FOCUS ON ...**

- ◉ **Metal Polymer Dry Bearings**
- ◉ **DU / DU-B / DP4 / DP31 / DH Bearings**
- ◉ **DX / HX Bearings**
- ◉ **Stainless Steel Bearings**
- ◉ **Door Hinge Bearings**
- ◉ **Shock Absorber Bearings**



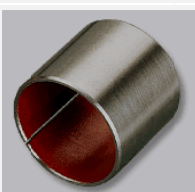
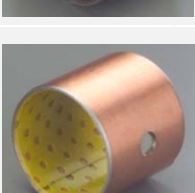
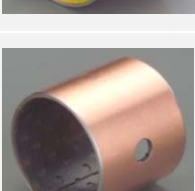
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ISO9001:2000
STANDARDIZED
SLIDING BEARING FACTORY

Product List



	DU	DU Dry Bearings, Steel backing, With lead / Lead Free Metal-polymer-composite material Carbon Steel + porous bronze sinter + PTFE / Pb Self-lubricating & Maintenance-free	4/51
	DU-B	DU-B Dry Bearings, Bronze backing, With lead / Lead Free Metal-polymer-composite material Bronze Steel + porous bronze sinter + PTFE / Pb Self-lubricating & Maintenance-free	5/51
	DP4	DP4 Dry Bearings, Steel backing, Lead Free Metal-polymer-composite material Carbon Steel + porous bronze sinter + PTFE / Pb Self-lubricating & Maintenance-free	6/51
	DH	DH Dry Bearings, Steel backing, PTFE and Fabric, Lead Free Metal-polymer-composite material Carbon steel + PTFE + fibre fabric Low-maintenance	7/51
	SS	SS Dry Bearings, Stainless steel backing, Lead Free/ With lead Metal-polymer-composite material Stainless steel (SUS-316) + porous bronze sinter + PTFE + Pb Self-lubricating & Maintenance-free	8/51
	DX	DX Bearing / Self-lubricated, Sintered bronze with POM, Lead Free Metal-polymer-composite material Carbon steel + porous bronze sinter + POM with lubrication indents Lead free & Low-maintenance	9/51
	HX	HX Dry Bearings, PEEK + PTFE, High Temperature & Lead Free Metal-polymer-composite material Carbon steel + porous bronze sinter + PEEK + PTFE + filler Lead free & Low-maintenance & High temperature	10/51
	Door Hinge	Door Hinge Bearings, bronze mesh / aluminum mesh Metal-polymer-composite material CuSn6 mesh + PTFE + Pb Self-lubricating & Maintenance-free	11/51



CLI INDUSTRIAL CO., LTD.

ISO 9001:2000 Standardized
Sliding Bearing Factory

Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

● Product Code: **DU**



● Descriptions

Material: **Carbon steel + porous bronze sinter + PTFE ± Pb**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. DU dry bearings material has very good wear and friction performance over a wide range of loads, speeds and temperature conditions.
2. DU dry bearings material also performs well with lubrication.

● Possible Applications

Automotive: McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps, pedal bushes, ABS equipment, etc.

Industrial: Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.

Marine and offshore equipment, other applications in water or in outdoor environments.

● Structure



- sliding layer (PTFE/Pb)
- porous bronze sinter
- steel backing
- tin plated

● Physical and Mechanical Properties

Thermal Conductivity λ	40	W/mK
Maximum Operating Temperature Tmax	280	°C
Minimum Operating Temperature Tmin	-200	°C
Compressive Yield Strength σ_c	350	N/mm ²
Maximum Static Load Psta,max	250	N/mm ²
Maximum Dynamic Load Pdyn,max	140	N/mm ²
Maximum Sliding Speed V-dry	2.5	m/s
Maximum PV Factor-dry, continuous operation	1.8	N/mm ² * m/s
Maximum PV Factor-dry, intermittent operation	3.5	N/mm ² * m/s
Coefficient of friction f-dry	0.02-0.25	-
Coefficient of friction f-oil lubricated	0.02-0.12	-

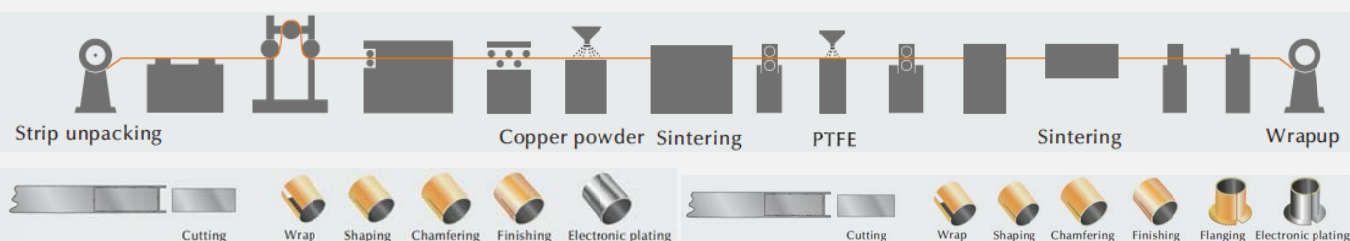
● Usage

dry	good
oil lubricated	good
grease lubricated	fair
water lubricated	fair
process fluid lubricated	fair

● Available Forms



● Production Process Flow





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● Product Code: **DU-B**



● Descriptions

Material: **Bronze backing + porous bronze sinter + PTFE ± Pb**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. Have very good wear and friction performance over a wide range of loads, speeds and temperature conditions.
2. Performs well with lubrication.
3. Bronze backing provides improved corrosion resistance compared with DU dry bearing
4. DU-B material is approved according to EN1337-2 standard for structural bearings for German engineering applications.

● Possible Applications

Automotive: McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps, pedal bushes, ABS equipment, etc.

Industrial: Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.

Marine and offshore equipment, other applications in water or in outdoor environments.

● Structure



- PTFE/Pb
- porous bronze sinter
- bronze backing

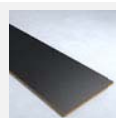
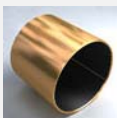
● Physical and Mechanical Properties

Thermal Conductivity λ	60	W/mK
Maximum Operating Temperature Tmax	280	°C
Minimum Operating Temperature Tmin	-200	°C
Compressive Yield Strength σ_c	300	N/mm ²
Maximum Static Load Psta,max	140	N/mm ²
Maximum Dynamic Load Pdyn,max	140	N/mm ²
Maximum Sliding Speed V-dry	2.5	m/s
Maximum PV Factor-dry, continuous operation	1.8	N/mm ² * m/s
Maximum PV Factor-dry, intermittent operation	3.5	N/mm ² * m/s
Coefficient of friction f-dry	0.02-0.25	
Coefficient of friction f-oil lubricated	0.02-0.12	

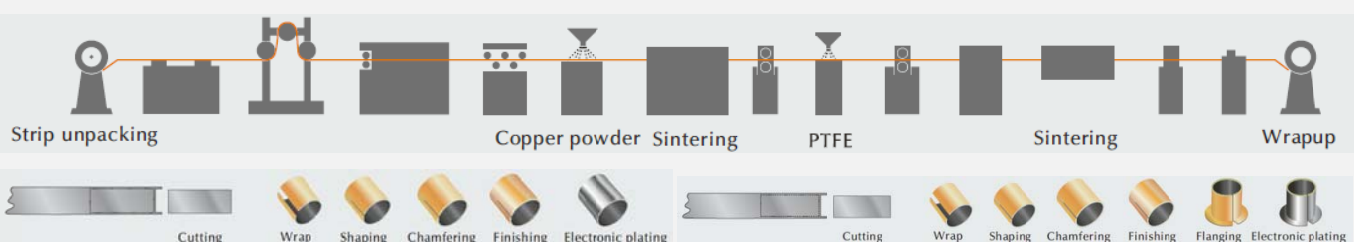
● Usage

dry	very good
oil lubricated	good
grease lubricated	fair
water lubricated	good
process fluid lubricated	fair

● Available Forms



● Production Process Flow





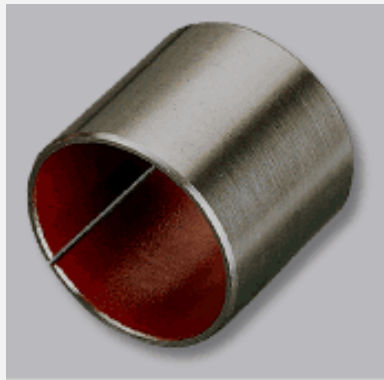
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● Product Code: **DP4**



● Descriptions

Material: **Steel Backing + Sintered Bronze Powder + PTFE + CaF2 + Fillers** **Lead Free**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. DP4 Dry Bearings material is compliant with the European Union's End of Life Vehicles (ELV) directive 2000/53/EC on the elimination of hazardous materials in the construction of passenger cars and light trucks.
2. DP4 Dry Bearings material is compliant with the European Union Directive 2002/95/EC concerning the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Regulation).

3. DP4 Dry Bearings material has good wear resistance and low friction performance over a wide range of loads, speeds conditions

4. DP4 Dry Bearings material has very good performance in oil lubricated heavy duty hydraulic applications.

● Structure



→ Caf2+ PTFE + Fillers

→ porous bronze sinter

→ steel backing

→ tin plated

● Possible Applications

1. *Automotive:* McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps,
2. *Industrial:* Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.
3. Marine and offshore equipment, other applications in water or in outdoor environments.

● Physical and Mechanical Properties

Maximum Operating Temperature Tmax	280	°C
Minimum Operating Temperature Tmin	-200	°C
Maximum Static Load Psta,max	250	N/mm2
Maximum Dynamic Load Pdyn,max	140	N/mm2
Maximum Sliding Speed V-dry	2.5	m/s
Maximum Sliding Speed V-oil lubricated	5	m/s
Maximum PV Factor-dry	1	N/mm2 * m/s
Maximum PV Factor-oil lubricated	10	N/mm2 * m/s
Coefficient of friction f-dry	0.04-0.25	-
Coefficient of friction f-oil lubricated	0.02-0.08	-

● Usage

dry	good
oil lubricated	very good
grease lubricated	good
water lubricated	fair
process fluid lubricated	good

● Available Forms



● Production Process Flow





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● Product Code: **DH**



● Descriptions

Material: Carbon steel + PTFE + fibre fabric **Lead Free**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Futures

Suitable for dry running, low coefficient of friction, lower wear, good sliding characteristics, forming a transfer film can protect the mating metal surface, suitable for rotary and oscillating movement.

● Structure



→PTFE+ fibre fabric
→porous bronze sinter
→Carbon steel backing
→Tin Coating

● Possible Applications

1. High load capacity
2. Self-lubricating under dry operation
3. Low static and dynamic coefficient of friction
4. Minimum wear and excellent operating life
5. High chemical resistance and compatibility with fluids
6. Wide range of operating temperature
7. High corrosion strength linked with the housing

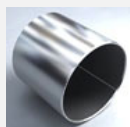
● Physical and Mechanical Properties

Static Load	250N/m ²
Very low speed Load	140N/m ²
Rotating oscillating Load	60N/m ²
Continuous operation	3.6N/m ² * m/s
Continuous operation	1.8N/m ² * m/s
Temp. limit	-195℃~+280℃
Friction coefficient	0.05~0.20
Dry running speed	2m/s
Hydrodynamic operation speed	>2m/s
Thermal conductivity	42W(m * K) ⁻¹
Coefficient of thermal expansion	11 * 10 ⁻⁶ * K ⁻¹

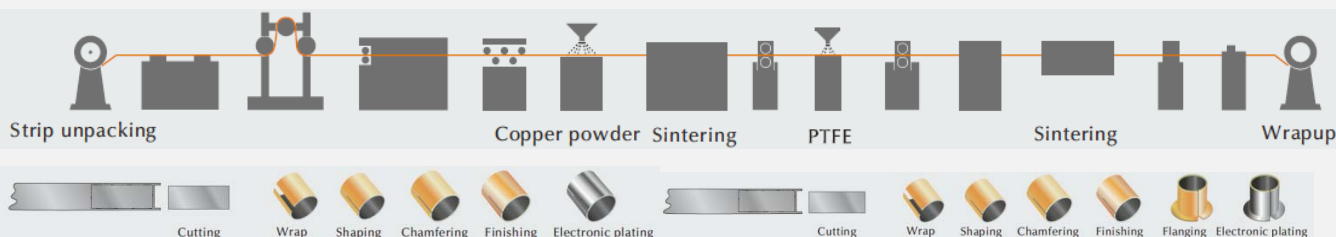
● Usage

Dry	Very good
Oil	Fair
Grease	Fair
Water	Fair
Process fluid	Fair

● Available Forms



● Production Process Flow





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● Product Code: **SS**



● Descriptions

Material: **Stainless steel (SUS-316) + porous bronze sinter + PTFE ± Pb**

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Futures

1. SS Dry Bearings material has good wear resistance and low friction performance over a wide range of loads, speeds and temperature conditions.
2. SS Dry Bearings material also performs well with lubrication.
3. SS Dry Bearings material (stainless steel backing) provides improved corrosion resistance compared with DU Dry Bearings material.
4. SS Dry Bearings can use DX layer, HX layer, DP4, DP31...as its sliding layer.

● Structure



→ sliding layer

→ porous bronze sinter

→Stainless steel backing
(SUS-316)

● Possible Applications

1. *Automotive*: McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps,
2. *Industrial*: Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.
3. Marine and offshore equipment, other applications in water or in outdoor environments.

● Physical and Mechanical Properties

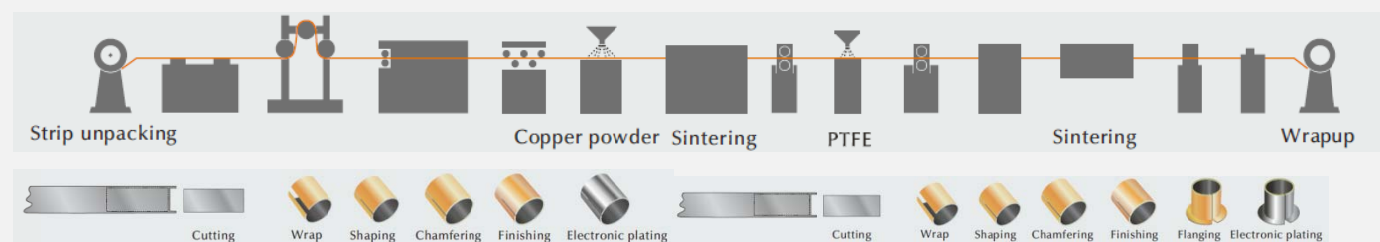
Maximum Operating Temperature Tmax	280	°C	dry	very good
Minimum Operating Temperature Tmin	-200	°C	oil lubricated	good
Maximum Static Load Psta,max	250	N/mm2	grease lubricated	fair
Maximum Dynamic Load Pdyn,max	140	N/mm2	water lubricated	fair
Maximum Sliding Speed V-dry	2.5	m/s	process fluid lubricated	fair
Maximum Sliding Speed V-oil lubricated	5	m/s		
Maximum PV Factor-dry	1	N/mm2 * m/s		
Maximum PV Factor-oil lubricated	10	N/mm2 * m/s		
Coefficient of friction f-dry	0.04-0.25	-		
Coefficient of friction f-oil lubricated	0.02-0.08	-		

● Usage

● Available Forms



● Production Process Flow





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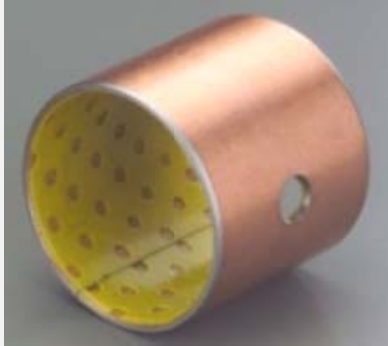
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● Product Code: **DX**

Lead Free



● Descriptions

Material: Carbon Steel + porous bronze sinter + Yello POM with lubrication indents

Carbon Steel + porous bronze sinter + Orange POM with lubrication indents

Carbon Steel + porous bronze sinter + Blue POM with lubrication indents

Metal-polymer composite material

Self-lubricating & Maintenance-free

● Features

1. DX Marginally Lubricated Bearings is for grease or oil lubricated applications.
2. DX Marginally Lubricated Bearings standard parts contain grease indents in the sliding layer, and plain sliding layer is also available on request.
3. DX Marginally Lubricated Bearings has optimum performance under high loads and low speeds.
4. DX Marginally Lubricated Bearings is suitable for linear, oscillating and rotating movements.

● Structure



→ POM

→ porous bronze sinter

→ steel backing

→ bronze coating

● Possible Applications

1. *Automotive:* McPherson struts and shock absorbers, doors, bonnets and tailgate hinges, steering columns, clutches, gearbox selector fork guides, wiper arms, power steering pumps,
2. *Industrial:* Aerospace, agricultural equipment, construction equipment, material handling equipment, forming machines-metal, plastic and rubber, office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders, pumps and motors, railroad and ramways, textile machinery, valves, etc.
3. Marine and offshore equipment, other applications in water or in outdoor environments.

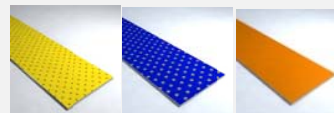
● Physical and Mechanical Properties

Maximum Operating Temperature Tmax	130	°C
Minimum Operating Temperature Tmin	-140	°C
Maximum Static Load Psta,max	140	N/mm2
Maximum Dynamic Load Pdyn,max	70	N/mm2
Maximum Sliding Speed V-greased	2.5	m/s
Maximum PV Factor-greased	2.8	N/mm2 * m/s
Coefficient of friction f-greased	0.06-0.12	-

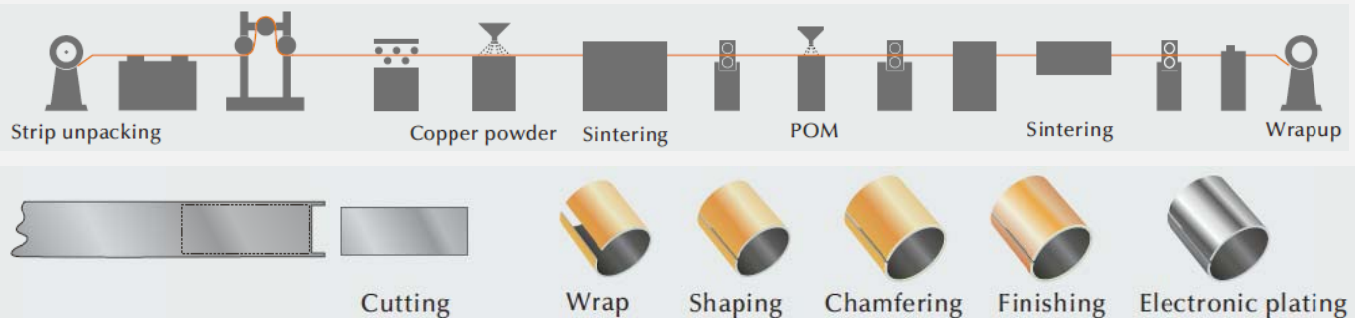
● Usage

dry	poor
oil lubricated	good
grease lubricated	very good
water lubricated	poor
process fluid lubricated	poor

● Available Forms



● Production Process Flow





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● Product Code: **HX**



● Descriptions

Material: Carbon Steel + porous bronze sinter + PEEK + PTFE + filler **Lead Free**

Metal-polymer composite material

Low-maintenance & High temperature

● Futures

1. HX Marginally Lubricated Bearings has good wear resistance under thin lubrication film conditions.
2. HX Marginally Lubricated Bearings is also available with plain sliding layer for hydrodynamic applications .
3. HX Marginally Lubricated Bearings is suitable for use with low viscosity fluids.
4. HX Marginally Lubricated Bearings is suitable for use at temperatures up to 250°C.
5. HX Marginally Lubricated Bearings' polymer lining has good chemical resistance.

● Structure



- PEEK + PTFE + filler
- porous bronze sinter
- steel backing
- bronze coating

● Possible Applications

Automotive:

Diesel fuel pumps, gear pumps, ABS equipment.

Industrial:

Hydraulic motors and pumps, agricultural equipment, wind energy equipment, yaw and teeter bearings.

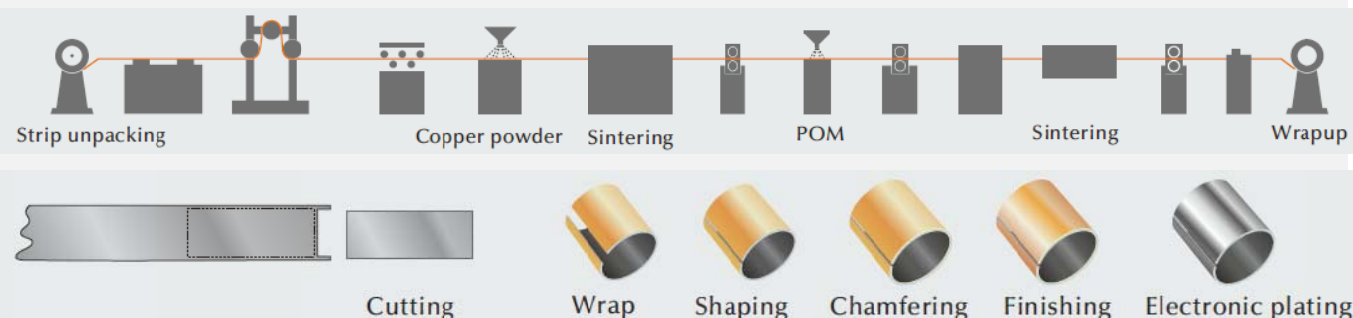
● Physical and Mechanical Properties

Property	Value	Unit	Usage	Performance
Maximum Operating Temperature Tmax	250	°C	dry	fail
Minimum Operating Temperature Tmin	-150	°C	oil lubricated	good
Maximum Static Load Psta,max	140	N/mm2	grease lubricated	very good
Maximum Dynamic Load Pdyn,max	100	N/mm2	water lubricated	good
Maximum Sliding Speed V-greased	2.5	m/s	process fluid lubricated	good
Maximum Sliding Speed V-oil lubricated	10	m/s		
Maximum PV Factor-greased	2.8	N/mm2 * m/s		
Coefficient of friction f-greased	0.08-0.12			
Coefficient of friction f-oil lubricated	0.03-0.08			

● Available Forms



● Production Process Flow



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Metal Polymer Dry Bearings

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Material: CuSn6 mesh + PTFE + Pb

Aluminum mesh + PTFE + Pb + glass fibre

Bearing foil made from CuSn6 mesh

Self-lubricating & Maintenance-free

● Fetures

1. Low coefficient of friction.
2. No lubrication required.
3. Suitable for oscillating , reciprocating and rotating.
4. High wear resistance.
5. High load capacity.

6. Suitable for oscillating , reciprocating and rotating.

7. Corrosion resistant.

8. Good formability, suitable for spherical bearings, flanged bushes etc.

9. Easy assembly and to run.

● Possible Applications

Automotive:

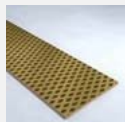
Door hinge bushes, boot tailgate and bonnet hinge bushes, cabriolet roof-linkage bushes, belt tensioners, special shapers..

Industrial:

Light duty linkages and pivots, intermediate bearing to accommodate lateral expansion and prevent fretting corrosion, low friction bearing pads.

● Physical and Mechanical Properties

			● Usage	
Maximum Operating Temperature Tmax	280	W/mK	dry	very good
Minimum Operating Temperature Tmin	-200	°C	oil lubricated	good
Maximum Static Load Psta,max	140	N/mm2	grease lubricated	fair
Maximum Dynamic Load Pdyn,max	140	N/mm2	water lubricated	fair
Maximum Dry Sliding Speed V	2.5	m/s	process fluid lubricated	fair
Maximum Oil Lubricated Sliding Speed V	5	m/s		

● Available Forms

Flanged bush

Thrust Washer

Plate

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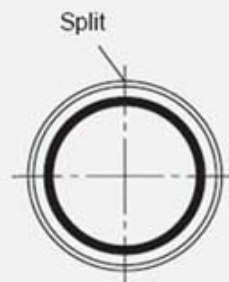
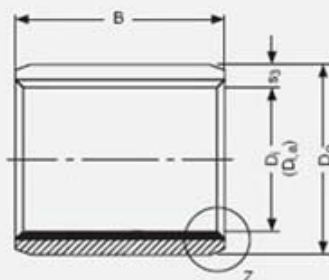
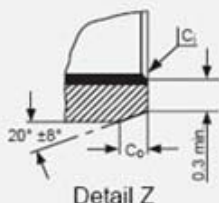
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DU Cylindrical Bush - Metric Size



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
0203DU	2	3.5	3	H6	h6	2.048	2	0.054	0
0205DU	2	3.5	5	H6	h6	2.048	2	0.054	0
0303DU	3	4.5	3	H6	h6	3.048	3	0.054	0
0305DU	3	4.5	5	H6	h6	3.048	3	0.054	0
0306DU	3	4.5	6	H6	h6	3.048	3	0.054	0
0403DU	4	5.5	3	H6	h6	4.048	4	0.056	0
0404DU	4	5.5	4	H6	h6	4.048	4	0.056	0
0406DU	4	5.5	6	H6	h6	4.048	4	0.056	0
0410DU	4	5.5	10	H6	h6	4.048	4	0.056	0
0505DU	5	7	5	H7	f7	5.055	4.99	0.077	0
0508DU	5	7	8	H7	f7	5.055	4.99	0.077	0
0510DU	5	7	10	H7	f7	5.055	4.99	0.077	0
0604DU	6	8	4	H7	f7	6.055	5.99	0.077	0
0606DU	6	8	6	H7	f7	6.055	5.99	0.077	0
0608DU	6	8	8	H7	f7	6.055	5.99	0.077	0
0610DU	6	8	10	H7	f7	6.055	5.99	0.077	0
0705DU	7	9	5	H7	f7	7.055	6.99	0.083	0.003
0710DU	7	9	10	H7	f7	7.055	6.99	0.083	0.003
0806DU	8	10	6	H7	f7	8.055	7.99	0.083	0.003
0808DU	8	10	8	H7	f7	8.055	7.99	0.083	0.003
0810DU	8	10	10	H7	f7	8.055	7.99	0.083	0.003
0812DU	8	10	12	H7	f7	8.055	7.99	0.083	0.003
1006DU	10	12	6	H7	f7	10.058	9.99	0.086	0.003
1008DU	10	12	8	H7	f7	10.058	9.99	0.086	0.003
1010DU	10	12	10	H7	f7	10.058	9.99	0.086	0.003
1012DU	10	12	12	H7	f7	10.058	9.99	0.086	0.003
1015DU	10	12	15	H7	f7	10.058	9.99	0.086	0.003
1020DU	10	12	20	H7	f7	10.058	9.99	0.086	0.003
1208DU	12	14	8	H7	f7	12.058	11.99	0.092	0.006
1210DU	12	14	10	H7	f7	12.058	11.99	0.092	0.006
1212DU	12	14	12	H7	f7	12.058	11.99	0.092	0.006

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
1215DU	12	14	15	H7	f7	12.058	11.99	0.092	0.006
1220DU	12	14	20	H7	f7	12.058	11.99	0.092	0.006
1225DU	12	14	25	H7	f7	12.058	11.99	0.092	0.006
1310DU	13	15	10	H7	f7	13.058	12.99	0.092	0.006
1320DU	13	15	20	H7	f7	13.058	12.99	0.092	0.006
1405DU	14	16	5	H7	f7	14.058	13.99	0.092	0.006
1410DU	14	16	10	H7	f7	14.058	13.99	0.092	0.006
1412DU	14	16	12	H7	f7	14.058	13.99	0.092	0.006
1415DU	14	16	15	H7	f7	14.058	13.99	0.092	0.006
1420DU	14	16	20	H7	f7	14.058	13.99	0.092	0.006
1425DU	14	16	25	H7	f7	14.058	13.99	0.092	0.006
1510DU	15	17	10	H7	f7	15.058	14.99	0.092	0.006
1512DU	15	17	12	H7	f7	15.058	14.99	0.092	0.006
1515DU	15	17	15	H7	f7	15.058	14.99	0.092	0.006
1520DU	15	17	20	H7	f7	15.058	14.99	0.092	0.006
1525DU	15	17	25	H7	f7	15.058	14.99	0.092	0.006
1610DU	16	18	10	H7	f7	16.058	15.99	0.092	0.006
1612DU	16	18	12	H7	f7	16.058	15.99	0.092	0.006
1615DU	16	18	15	H7	f7	16.058	15.99	0.092	0.006
1620DU	16	18	20	H7	f7	16.058	15.99	0.092	0.006
1625DU	16	18	25	H7	f7	16.058	15.99	0.092	0.006
1720DU	17	19	20	H7	f7	17.061	16.99	0.095	0.006
1810DU	18	20	10	H7	f7	18.061	17.99	0.095	0.006
1815DU	18	20	15	H7	f7	18.061	17.99	0.095	0.006
1820DU	18	20	20	H7	f7	18.061	17.99	0.095	0.006
1825DU	18	20	25	H7	f7	18.061	17.99	0.095	0.006
2010DU	20	23	10	H7	f7	20.071	19.99	0.112	0.01
2015DU	20	23	15	H7	f7	20.071	19.99	0.112	0.01
2020DU	20	23	20	H7	f7	20.071	19.99	0.112	0.01
2025DU	20	23	25	H7	f7	20.071	19.99	0.112	0.01
2030DU	20	23	30	H7	f7	20.071	19.99	0.112	0.01
2215DU	22	25	15	H7	f7	22.071	21.99	0.112	0.01
2220DU	22	25	20	H7	f7	22.071	21.99	0.112	0.01
2225DU	22	25	25	H7	f7	22.071	21.99	0.112	0.01
2230DU	22	25	30	H7	f7	22.071	21.99	0.112	0.01
2415DU	24	27	15	H7	f7	24.071	23.99	0.112	0.01
2420DU	24	27	20	H7	f7	24.071	23.99	0.112	0.01
2425DU	24	27	25	H7	f7	24.071	23.99	0.112	0.01
2430DU	24	27	30	H7	f7	24.071	23.99	0.112	0.01
2515DU	25	28	15	H7	f7	25.071	24.99	0.112	0.01
2520DU	25	28	20	H7	f7	25.071	24.99	0.112	0.01
2525DU	25	28	25	H7	f7	25.071	24.99	0.112	0.01
2530DU	25	28	30	H7	f7	25.071	24.99	0.112	0.01
2550DU	25	28	50	H7	f7	25.071	24.99	0.112	0.01
2815DU	28	32	15	H7	f7	28.085	27.99	0.126	0.01

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
2820DU	28	32	20	H7	f7	28.085	27.99	0.126	0.01
2825DU	28	32	25	H7	f7	28.085	27.99	0.126	0.01
3010DU	30	34	10	H7	f7	30.085	29.99	0.126	0.01
3015DU	30	34	15	H7	f7	30.085	29.99	0.126	0.01
3020DU	30	34	20	H7	f7	30.085	29.99	0.126	0.01
3025DU	30	34	25	H7	f7	30.085	29.99	0.126	0.01
3030DU	30	34	30	H7	f7	30.085	29.99	0.126	0.01
3040DU	30	34	40	H7	f7	30.085	29.99	0.126	0.01
3220DU	32	36	20	H7	f7	32.085	31.99	0.135	0.015
3230DU	32	36	30	H7	f7	32.085	31.99	0.135	0.015
3240DU	32	36	40	H7	f7	32.085	31.99	0.135	0.015
3520DU	35	39	20	H7	f7	35.085	34.99	0.135	0.015
3530DU	35	39	30	H7	f7	35.085	34.99	0.135	0.015
3535DU	35	39	35	H7	f7	35.085	34.99	0.135	0.015
3540DU	35	39	40	H7	f7	35.085	34.99	0.135	0.015
3550DU	35	39	50	H7	f7	35.085	34.99	0.135	0.015
3720DU	37	41	20	H7	f7	37.085	36.99	0.135	0.015
4020DU	40	44	20	H7	f7	40.085	39.99	0.135	0.015
4030DU	40	44	30	H7	f7	40.085	39.99	0.135	0.015
4040DU	40	44	40	H7	f7	40.085	39.99	0.135	0.015
4050DU	40	44	50	H7	f7	40.085	39.99	0.135	0.015
4520DU	45	50	20	H7	f7	45.105	44.99	0.155	0.015
4530DU	45	50	30	H7	f7	45.105	44.99	0.155	0.015
4540DU	45	50	40	H7	f7	45.105	44.99	0.155	0.015
4545DU	45	50	45	H7	f7	45.105	44.99	0.155	0.015
4550DU	45	50	50	H7	f7	45.105	44.99	0.155	0.015
5020DU	50	55	20	H7	f7	50.11	49.99	0.16	0.015
5030DU	50	55	30	H7	f7	50.11	49.99	0.16	0.015
5040DU	50	55	40	H7	f7	50.11	49.99	0.16	0.015
5050DU	50	55	50	H7	f7	50.11	49.99	0.16	0.015
5060DU	50	55	60	H7	f7	50.11	49.99	0.16	0.015
5520DU	55	60	20	H7	f7	55.11	54.99	0.17	0.02
5525DU	55	60	25	H7	f7	55.11	54.99	0.17	0.02
5530DU	55	60	30	H7	f7	55.11	54.99	0.17	0.02
5540DU	55	60	40	H7	f7	55.11	54.99	0.17	0.02
5550DU	55	60	50	H7	f7	55.11	54.99	0.17	0.02
5555DU	55	60	55	H7	f7	55.11	54.99	0.17	0.02
5560DU	55	60	60	H7	f7	55.11	54.99	0.17	0.02
6020DU	60	65	20	H7	f7	60.11	59.99	0.17	0.02
6030DU	60	65	30	H7	f7	60.11	59.99	0.17	0.02
6040DU	60	65	40	H7	f7	60.11	59.99	0.17	0.02
6050DU	60	65	50	H7	f7	60.11	59.99	0.17	0.02
6060DU	60	65	60	H7	f7	60.11	59.99	0.17	0.02
6070DU	60	65	70	H7	f7	60.11	59.99	0.17	0.02
6530DU	65	70	30	H7	f7	65.11	64.99	0.17	0.02

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
6550DU	65	70	50	H7	f7	65.11	64.99	0.17	0.02
6570DU	65	70	70	H7	f7	65.11	64.99	0.17	0.02
7040DU	70	75	40	H7	f7	70.11	69.99	0.17	0.02
7070DU	70	75	70	H7	f7	70.11	69.99	0.17	0.02
7560DU	75	80	60	H7	f7	75.11	74.99	0.17	0.02
7580DU	75	80	80	H7	f7	75.11	74.99	0.17	0.02
8040DU	80	85	40	H7	h8	80.155	80.02	0.209	0.02
8060DU	80	85	60	H7	h8	80.155	80.02	0.209	0.02
8080DU	80	85	80	H7	h8	80.155	80.02	0.209	0.02
80100DU	80	85	100	H7	h8	80.155	80.02	0.209	0.02
8530DU	85	90	30	H7	h8	85.155	85.02	0.209	0.02
8560DU	85	90	60	H7	h8	85.155	85.02	0.209	0.02
85100DU	85	90	100	H7	h8	85.155	85.02	0.209	0.02
9060DU	90	95	60	H7	h8	90.155	90.02	0.209	0.02
90100DU	90	95	100	H7	h8	90.155	90.02	0.209	0.02
9560DU	95	100	60	H7	h8	95.155	95.02	0.209	0.02
95100DU	95	100	100	H7	h8	95.155	95.02	0.209	0.02
10050DU	100	105	50	H7	h8	100.155	100.02	0.209	0.02
10060DU	100	105	60	H7	h8	100.155	100.02	0.209	0.02
100115DU	100	105	115	H7	h8	100.155	100.02	0.209	0.02



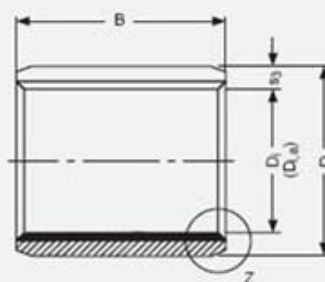
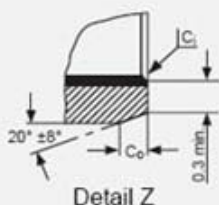
CLI INDUSTRIAL CO., LTD.

ISO 9001:2000 Standardized
Sliding Bearing Factory

Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

DU Cylindrical Bush – Inch Size



Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
02DU02	1/8	3/16	0.125	0.1243	0.1236	0.1878	0.1873	0.1268	0.1243	0.0032	0
02DU03	1/8	3/16	0.188	0.1243	0.1236	0.1878	0.1873	0.1268	0.1243	0.0032	0
025DU025	5/32	7/32	0.154	0.1554	0.1547	0.2191	0.2186	0.1581	0.1556	0.0034	0.0002
025DU04	5/32	7/32	0.25	0.1554	0.1547	0.2191	0.2186	0.1581	0.1556	0.0034	0.0002
03DU03	3/16	1/4	0.188	0.1865	0.1858	0.2503	0.2497	0.1893	0.1867	0.0035	0.0002
03DU04	3/16	1/4	0.25	0.1865	0.1858	0.2503	0.2497	0.1893	0.1867	0.0035	0.0002
03DU06	3/16	1/4	0.375	0.1865	0.1858	0.2503	0.2497	0.1893	0.1867	0.0035	0.0002
04DU04	1/4	5/16	0.25	0.249	0.2481	0.3128	0.3122	0.2518	0.2492	0.0037	0.0002
04DU06	1/4	5/16	0.375	0.249	0.2481	0.3128	0.3122	0.2518	0.2492	0.0037	0.0002
05DU06	5/16	3/8	0.375	0.3115	0.3106	0.3753	0.3747	0.3143	0.3117	0.0037	0.0002
05DU08	5/16	3/8	0.5	0.3115	0.3106	0.3753	0.3747	0.3143	0.3117	0.0037	0.0002
06DU03	3/8	15/32	0.188	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06DU04	3/8	15/32	0.25	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06DU06	3/8	15/32	0.375	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06DU08	3/8	15/32	0.5	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06DU10	3/8	15/32	0.625	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
06DU12	3/8	15/32	0.75	0.374	0.3731	0.4691	0.4684	0.3769	0.3742	0.0038	0.0002
07DU08	7/16	17/32	0.5	0.4365	0.4355	0.5316	0.5309	0.4394	0.4367	0.0039	0.0002
07DU12	7/16	17/32	0.75	0.4365	0.4355	0.5316	0.5309	0.4394	0.4367	0.0039	0.0002
08DU04	1/2	19/32	0.25	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08DU06	1/2	19/32	0.375	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08DU08	1/2	19/32	0.5	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08DU10	1/2	19/32	0.625	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08DU12	1/2	19/32	0.75	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
08DU14	1/2	19/32	0.875	0.499	0.498	0.5941	0.5934	0.5019	0.4992	0.0039	0.0002
09DU06	9/16	21/32	0.375	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
09DU08	9/16	21/32	0.5	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
09DU10	9/16	21/32	0.625	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
09DU12	9/16	21/32	0.75	0.5615	0.5605	0.6566	0.6559	0.5644	0.5617	0.0039	0.0002
10DU04	5/8	23/32	0.25	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
10DU08	5/8	23/32	0.5	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
10DU12	5/8	23/32	0.75	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
10DU14	5/8	23/32	0.875	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
10DU16	5/8	23/32	1	0.624	0.623	0.7192	0.7184	0.627	0.6242	0.004	0.0002
11DU14	11/16	25/32	0.875	0.6865	0.6855	0.7817	0.7809	0.6895	0.6867	0.004	0.0002
12DU04	3/4	7/8	0.25	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12DU06	3/4	7/8	0.375	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12DU08	3/4	7/8	0.5	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12DU10	3/4	7/8	0.625	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12DU12	3/4	7/8	0.75	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
12DU16	3/4	7/8	1	0.7491	0.7479	0.8755	0.8747	0.7525	0.7493	0.0046	0.0002
14DU04	7/8	1	0.25	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14DU06	7/8	1	0.375	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14DU12	7/8	1	0.75	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14DU14	7/8	1	0.875	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14DU16	7/8	1	1	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
14DU20	7/8	1	1.25	0.8741	0.8729	1.0005	0.9997	0.8775	0.8743	0.0046	0.0002
16DU06	1	1 1/8	0.375	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16DU08	1	1 1/8	0.5	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16DU12	1	1 1/8	0.75	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16DU16	1	1 1/8	1	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16DU20	1	1 1/8	1.25	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
16DU24	1	1 1/8	1.5	0.9991	0.9979	1.1256	1.1246	1.0026	0.9992	0.0047	0.0001
18DU06	1 1/8	1 9/32	0.375	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
18DU10	1 1/8	1 9/32	0.625	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
18DU12	1 1/8	1 9/32	0.75	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
18DU16	1 1/8	1 9/32	1	1.1238	1.1226	1.2818	1.2808	1.1278	1.124	0.0052	0.0002
20DU06	1 1/4	1 13/32	0.375	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20DU12	1 1/4	1 13/32	0.75	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20DU14	1 1/4	1 13/32	0.875	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20DU16	1 1/4	1 13/32	1	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20DU20	1 1/4	1 13/32	1.25	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
20DU28	1 1/4	1 13/32	1.75	1.2488	1.2472	1.4068	1.4058	1.2528	1.249	0.0056	0.0002
22DU12	1 3/8	1 17/32	0.75	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
22DU16	1 3/8	1 17/32	1	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
22DU24	1 3/8	1 17/32	1.5	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
22DU28	1 3/8	1 17/32	1.75	1.3738	1.3722	1.5318	1.5308	1.3778	1.374	0.0056	0.0002
24DU08	1 1/2	1 21/32	0.5	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24DU16	1 1/2	1 21/32	1	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24DU18	1 1/2	1 21/32	1.125	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24DU20	1 1/2	1 21/32	1.25	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24DU24	1 1/2	1 21/32	1.5	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
24DU32	1 1/2	1 21/32	2	1.4988	1.4972	1.6568	1.6558	1.5028	1.499	0.0056	0.0002
26DU16	1 5/8	1 25/32	1	1.6238	1.6222	1.7818	1.7808	1.6278	1.624	0.0056	0.0002

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
26DU16	1 5/8	1 25/32	1	1.6238	1.6222	1.7818	1.7808	1.6278	1.624	0.0056	0.0002
26DU24	1 5/8	1 25/32	1.5	1.6238	1.6222	1.7818	1.7808	1.6278	1.624	0.0056	0.0002
28DU28	1 3/4	1 15/16	1.75	1.7487	1.7471	1.9381	1.9371	1.7535	1.7489	0.0064	0.0002
28DU32	1 3/4	1 15/16	2	1.7487	1.7471	1.9381	1.9371	1.7535	1.7489	0.0064	0.0002
30DU12	1 7/8	2 1/16	0.75	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
30DU16	1 7/8	2 1/16	1	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
30DU30	1 7/8	2 1/16	1.875	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
30DU36	1 7/8	2 1/16	2.25	1.8737	1.8721	2.0633	2.0621	1.8787	1.8739	0.0066	0.0002
32DU08	2	2 3/16	0.5	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32DU16	2	2 3/16	1	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32DU24	2	2 3/16	1.5	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32DU28	2	2 3/16	1.75	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32DU32	2	2 3/16	2	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
32DU40	2	2 3/16	2.5	1.9987	1.9969	2.1883	2.1871	2.0037	1.9989	0.0068	0.0002
34DU08	2 1/8	2 5/16	0.5	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU12	2 1/8	2 5/16	0.75	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU16	2 1/8	2 5/16	1	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU24	2 1/8	2 5/16	1.5	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU28	2 1/8	2 5/16	1.75	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU32	2 1/8	2 5/16	2	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU48	2 1/8	2 5/16	3	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
34DU64	2 1/8	2 5/16	4	2.1257	2.1239	2.313	2.3118	2.1326	2.1262	0.0087	0.0002
36DU28	2 1/4	2 7/16	1.75	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU32	2 1/4	2 7/16	1.75	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU36	2 1/4	2 7/16	2.25	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU40	2 1/4	2 7/16	2.5	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU48	2 1/4	2 7/16	3	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU56	2 1/4	2 7/16	3.5	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU60	2 1/4	2 7/16	3.75	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU64	2 1/4	2 7/16	4	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
36DU72	2 1/4	2 7/16	4.5	2.2507	2.2489	2.4377	2.4365	2.2573	2.2509	0.0084	0.0002
40DU16	2 1/2	2 11/16	1	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU26	2 1/2	2 11/16	1.625	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU32	2 1/2	2 11/16	2	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU40	2 1/2	2 11/16	2.5	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU48	2 1/2	2 11/16	3	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU56	2 1/2	2 11/16	3.5	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU60	2 1/2	2 11/16	3.75	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU64	2 1/2	2 11/16	4	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU72	2 1/2	2 11/16	4.5	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
40DU76	2 1/2	2 11/16	4.75	2.5011	2.4993	2.6881	2.6869	2.5077	2.5013	0.0084	0.0002
44DU32	2 3/4	2 15/16	2	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU36	2 3/4	2 15/16	2.25	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU40	2 3/4	2 15/16	2.5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)
44DU48	2 3/4	2 15/16	3	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU56	2 3/4	2 15/16	3.5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU60	2 3/4	2 15/16	3.75	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU72	2 3/4	2 15/16	4.5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU76	2 3/4	2 15/16	4.75	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
44DU80	2 3/4	2 15/16	5	2.75	2.7482	2.937	2.9358	2.7566	2.7502	0.0084	0.0002
48DU32	3	3 3/16	2	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU36	3	3 3/16	2.25	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU40	3	3 3/16	2.5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU48	3	3 3/16	3	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU56	3	3 3/16	3.5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU60	3	3 3/16	3.75	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU64	3	3 3/16	4	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU72	3	3 3/16	4.5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU76	3	3 3/16	4.75	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
48DU80	3	3 3/16	5	3	2.9982	3.1872	3.1858	3.0068	3.0002	0.0086	0.0002
52DU32	3 1/4	3 7/16	2	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU38	3 1/4	3 7/16	2.375	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU40	3 1/4	3 7/16	2.5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU48	3 1/4	3 7/16	3	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU56	3 1/4	3 7/16	3.5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU60	3 1/4	3 7/16	3.75	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU64	3 1/4	3 7/16	4	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU72	3 1/4	3 7/16	4.5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU76	3 1/4	3 7/16	4.75	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
52DU80	3 1/4	3 7/16	5	3.25	3.248	3.4372	3.4358	3.2568	3.2502	0.0088	0.0002
56DU32	3 1/2	3 11/16	2	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU38	3 1/2	3 11/16	2.375	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU40	3 1/2	3 11/16	2.5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU48	3 1/2	3 11/16	3	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU56	3 1/2	3 11/16	3.5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU60	3 1/2	3 11/16	3.75	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU64	3 1/2	3 11/16	4	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU72	3 1/2	3 11/16	4.5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU76	3 1/2	3 11/16	4.75	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
56DU80	3 1/2	3 11/16	5	3.5	3.4978	3.6872	3.6858	3.5068	3.5002	0.009	0.0002
58DU32	3 5/8	3 13/16	2	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU36	3 5/8	3 13/16	2.25	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU40	3 5/8	3 13/16	2.5	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU48	3 5/8	3 13/16	3	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU56	3 5/8	3 13/16	3.5	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU60	3 5/8	3 13/16	3.75	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU64	3 5/8	3 13/16	4	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002
58DU72	3 5/8	3 13/16	4.5	3.625	3.6228	3.8122	3.8108	3.6318	3.6252	0.009	0.0002



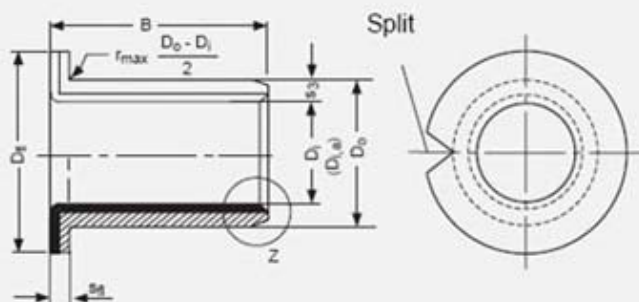
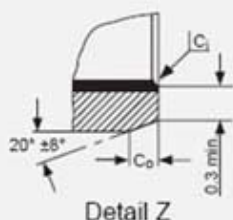
CLI INDUSTRIAL CO., LTD.

ISO 9001:2000 Standardized
Sliding Bearing Factory

Metal Polymer Dry Bearings

■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

DU Flanged Bush – Metric Size



Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB0304DU	3	4.5	0.75	7	4	H6	h6	3.048	3	0.054	0
BB0404DU	4	5.5	0.75	9	4	H6	h6	4.048	4	0.056	0
BB0505DU	5	7	0.925	10	5	H7	f7	5.055	4.99	0.077	0
BB0604DU	6	8	0.925	12	4	H7	f7	6.055	5.99	0.077	0
BB0608DU	6	8	0.925	12	8	H7	f7	6.055	5.99	0.077	0
BB0806DU	8	10	0.925	15	5.5	H7	f7	8.055	7.99	0.083	0.003
BB0808DU	8	10	0.925	15	7.5	H7	f7	8.055	7.99	0.083	0.003
BB0810DU	8	10	0.925	15	9.5	H7	f7	8.055	7.99	0.083	0.003
BB1007DU	10	12	0.925	18	7	H7	f7	10.058	9.99	0.086	0.003
BB1009DU	10	12	0.925	18	9	H7	f7	10.058	9.99	0.086	0.003
BB1012DU	10	12	0.925	18	12	H7	f7	10.058	9.99	0.086	0.003
BB1017DU	10	12	0.925	18	17	H7	f7	10.058	9.99	0.086	0.003
BB1207DU	12	14	0.925	20	7	H7	f7	12.058	11.99	0.092	0.006
BB1209DU	12	14	0.925	20	9	H7	f7	12.058	11.99	0.092	0.006
BB1212DU	12	14	0.925	20	12	H7	f7	12.058	11.99	0.092	0.006
BB1217DU	12	14	0.925	20	17	H7	f7	12.058	11.99	0.092	0.006
BB1412DU	14	16	0.925	22	12	H7	f7	14.058	13.99	0.092	0.006
BB1417DU	14	16	0.925	22	17	H7	f7	14.058	13.99	0.092	0.006
BB1509DU	15	17	0.925	23	9	H7	f7	15.058	14.99	0.092	0.006
BB1512DU	15	17	0.925	23	12	H7	f7	15.058	14.99	0.092	0.006
BB1517DU	15	17	0.925	23	17	H7	f7	15.058	14.99	0.092	0.006
BB1612DU	16	18	0.925	24	12	H7	f7	16.058	15.99	0.092	0.006
BB1617DU	16	18	0.925	24	17	H7	f7	16.058	15.99	0.092	0.006
BB1812DU	18	20	0.925	26	12	H7	f7	18.061	17.99	0.095	0.006
BB1817DU	18	20	0.925	26	17	H7	f7	18.061	17.99	0.095	0.006
BB1822DU	18	20	0.925	26	22	H7	f7	18.061	17.99	0.095	0.006
BB2012DU	20	23	1.45	30	11.5	H7	f7	20.071	19.99	0.112	0.01
BB2017DU	20	23	1.45	30	16.5	H7	f7	20.071	19.99	0.112	0.01
BB2022DU	20	23	1.45	30	21.5	H7	f7	20.071	19.99	0.112	0.01

Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB2512DU	25	28	1.45	35	11.5	H7	f7	25.071	24.99	0.112	0.01
BB2522DU	25	28	1.45	35	21.5	H7	f7	25.071	24.99	0.112	0.01
BB3016DU	30	34	1.95	42	16	H7	f7	30.085	29.99	0.126	0.01
BB3026DU	30	34	1.95	42	26	H7	f7	30.085	29.99	0.126	0.01
BB3516DU	35	39	1.95	47	16	H7	f7	35.085	34.99	0.135	0.015
BB3526DU	35	39	1.95	47	26	H7	f7	35.085	34.99	0.135	0.015
BB4016DU	40	44	1.95	53	16	H7	f7	40.085	39.99	0.135	0.015
BB4026DU	40	44	1.95	53	26	H7	f7	40.085	39.99	0.135	0.015
BB4516DU	45	50	2.45	58	16	H7	f7	45.105	44.99	0.155	0.015
BB4526DU	45	50	2.45	58	26	H7	f7	45.105	44.99	0.155	0.015



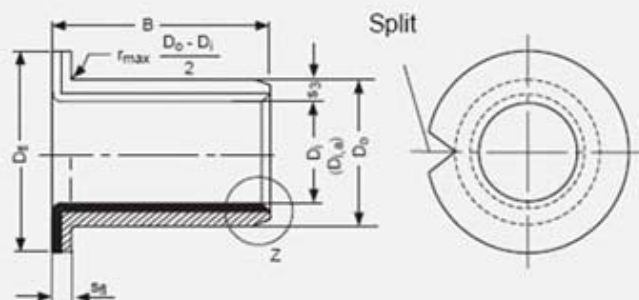
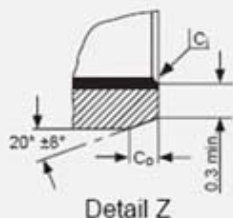
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ISO 9001:2000 Standardized
Sliding Bearing Factory

Metal Polymer Dry Bearings

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DU Flanged Bush – Inch Size



Part No.	Di [inch]	Do [inch]	Sfl (inch)	Sfl max. (inch)	Sfl min. (inch)	Dfl (inch)	Dfl max. (inch)	Dfl min. (inch)	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)
06FDU04	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.245	0.375	0.374	0.4691	0.4684	0.3779	0.3752
06FDU06	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.37	0.375	0.374	0.4691	0.4684	0.3779	0.3752
06FDU08	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.495	0.375	0.374	0.4691	0.4684	0.3779	0.3752
06FDU12	3/8	15/32	0.043	0.047	0.039	0.6875	0.7075	0.6675	0.745	0.375	0.374	0.4691	0.4684	0.3779	0.3752
08FDU04	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.245	0.5	0.499	0.4691	0.5934	0.5029	0.5002
08FDU06	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.37	0.5	0.499	0.4691	0.5934	0.5029	0.5002
08FDU08	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.495	0.5	0.499	0.4691	0.5934	0.5029	0.5002
08FDU12	1/2	19/32	0.043	0.047	0.039	0.8125	0.8325	0.7925	0.745	0.5	0.499	0.4691	0.5934	0.5029	0.5002
10FDU06	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.37	0.625	0.624	0.7192	0.7184	0.628	0.6252
10FDU08	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.495	0.625	0.624	0.7192	0.7184	0.628	0.6252
10FDU10	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.62	0.625	0.624	0.7192	0.7184	0.628	0.6252
10FDU12	5/8	23/32	0.043	0.047	0.039	0.93725	0.9575	0.917	0.745	0.625	0.624	0.7192	0.7184	0.628	0.6252
12FDU06	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.37	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
12FDU08	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.495	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
12FDU12	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.745	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
12FDU16	3/4	7/8	0.059	0.063	0.055	1.25	1.27	1.23	0.995	0.75	0.7488	0.8755	0.8747	0.7534	0.7502
14FDU08	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	0.495	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
14FDU12	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	0.745	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
14FDU16	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	0.995	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
14FDU20	7/8	1	0.059	0.063	0.055	1.25	1.27	1.23	1.245	0.875	0.8738	1.0005	0.9997	0.8784	0.8752
16FDU08	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	0.495	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
16FDU12	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	0.745	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
16FDU16	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	0.995	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
16FDU20	1	1 1/8	0.059	0.063	0.055	1.375	1.395	1.355	1.245	1.0005	0.9988	1.1255	1.1247	1.0034	1.0002
20FDU16	1 1/4	1 13/32	0.074	0.078	0.07	1.75	1.78	1.72	0.995	1.25	1.2484	1.4068	1.4058	1.254	1.2502
20FDU20	1 1/4	1 13/32	0.074	0.078	0.07	1.75	1.78	1.72	1.245	1.25	1.2484	1.4068	1.4058	1.254	1.2502
20FDU24	1 1/4	1 13/32	0.074	0.078	0.07	1.75	1.78	1.72	1.495	1.25	1.2484	1.4068	1.4058	1.254	1.2502
24FDU16	1 1/2	1 21/32	0.074	0.078	0.07	2	2.03	1.97	0.995	1.5	1.4984	1.6568	1.6558	1.504	1.5002
24FDU24	1 1/2	1 21/32	0.074	0.078	0.07	2	2.03	1.97	1.495	1.5	1.4984	1.6568	1.6558	1.504	1.5002
24FDU32	1 1/2	1 21/32	0.074	0.078	0.07	2	2.03	1.97	1.995	1.5	1.4984	1.6568	1.6558	1.504	1.5002



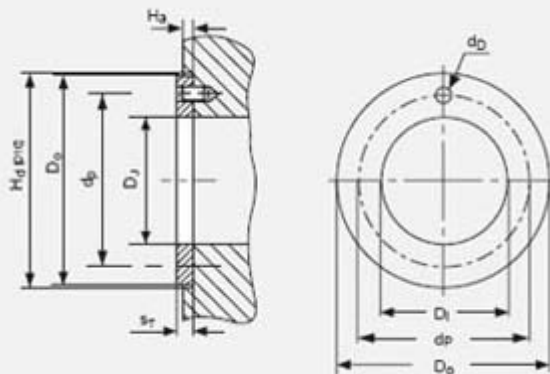
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DU Thrust Washer - Metric Size



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)
WC08DU	10	20	1.5			1.2
WC10DU	12	24	1.5	1.75	18	1.2
WC12DU	14	26	1.5	2.25	20	1.2
WC14DU	16	30	1.5	2.25	22	1.2
WC16DU	18	32	1.5	2.25	25	1.2
WC18DU	20	36	1.5	3.25	28	1.2
WC20DU	22	38	1.5	3.25	30	1.2
WC22DU	24	42	1.5	3.25	33	1.2
WC24DU	26	44	1.5	3.25	35	1.2
WC25DU	28	48	1.5	4.25	38	1.2
WC30DU	32	54	1.5	4.25	43	1.2
WC35DU	38	62	1.5	4.25	50	1.2
WC40DU	42	66	1.5	4.25	54	1.2
WC45DU	48	74	2	4.25	61	1.7
WC50DU	52	78	2	4.25	65	1.7
WC60DU	62	90	2	4.25	76	1.7



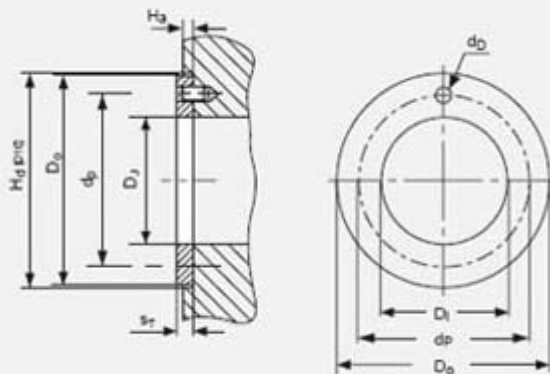
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DU Thrust Washer - Inch Size



Part No.	Di (inch)	Do (inch)	ST (inch)	dD (inch)	dP (inch)	Ha max. (inch)
DU06	0.5	0.875	0.0605	0.072	0.687	0.05
DU07	0.562	1	0.0605	0.072	0.781	0.05
DU08	0.625	1.125	0.0605	0.104	0.875	0.05
DU09	0.687	1.187	0.0605	0.104	0.937	0.05
DU10	0.75	1.25	0.0605	0.104	1	0.05
DU11	0.812	1.375	0.0605	0.104	1.094	0.05
DU12	0.875	1.5	0.0605	0.135	1.187	0.05
DU14	1	1.75	0.0605	0.135	1.375	0.05
DU16	1.125	2	0.0605	0.166	1.562	0.05
DU18	1.25	2.125	0.0605	0.166	1.687	0.05
DU20	1.375	2.25	0.0605	0.166	1.812	0.05
DU22	1.5	2.5	0.0605	0.197	2	0.05
DU24	1.625	2.625	0.0605	0.197	2.125	0.05
DU26	1.75	2.75	0.0605	0.197	2.25	0.05
DU28	2	3	0.0915	0.197	2.5	0.08
DU30	2.125	3.125	0.0915	0.197	2.625	0.08
DU32	2.25	3.25	0.0915	0.197	2.75	0.08



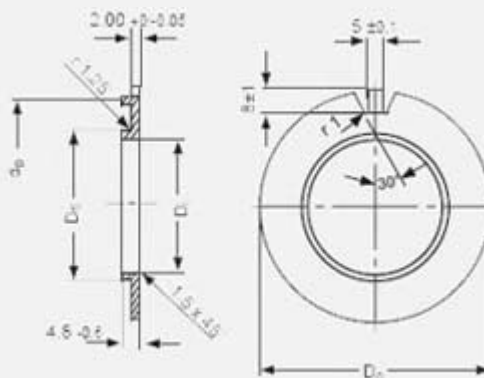
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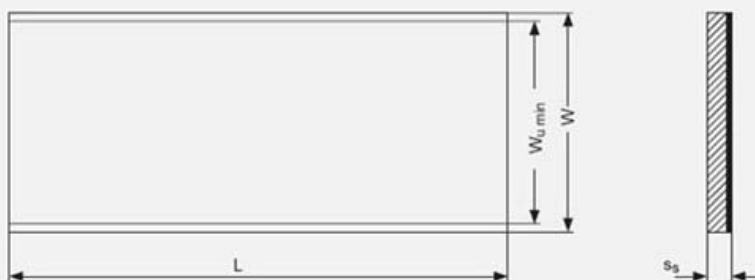
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DU Flanged Washer – Metric Size



Part No.	Di (mm)	Do (mm)	Dfl (mm)	dP (mm)
BS40DU	40.45	75	44	64.75
BS50DU	51.25	85	55	74.75
BS60DU	61.25	95	65	84.75
BS70DU	71.25	110	75	99.75
BS80DU	81.25	120	85	109.75
BS90DU	91.25	130	95	119.75
BS100DU	101.25	140	105	129.75

DU Plate – Metric Size



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S07190DU	500	200	190	0.72
S10190DU	500	200	190	0.99
S15240DU	500	254	190	1.5
S20240DU	500	254	240	1.98
S25240DU	500	254	240	2.48
S30240DU	500	254	240	3.04



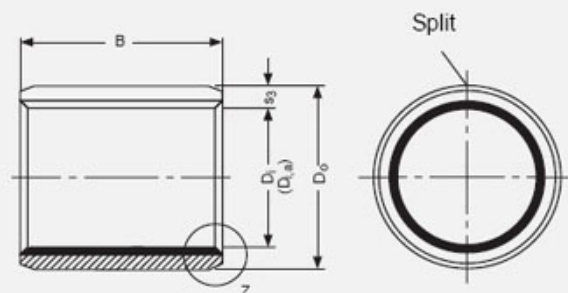
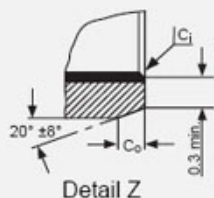
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DU-B Cylindrical Bush – Metric Size



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
0203DUB	2	3.5	3	H6	h6	2.048	2	0.054	0
0205DUB	2	3.5	5	H6	h6	2.048	2	0.054	0
0306DUB	3	4.5	6	H6	h6	3.048	3	0.054	0
0404DUB	4	5.5	4	H6	h6	4.048	4	0.056	0
0406DUB	4	5.5	6	H6	h6	4.048	4	0.056	0
0505DUB	5	7	5	H7	f7	5.055	4.99	0.077	0
0510DUB	5	7	10	H7	f7	5.055	4.99	0.077	0
0606DUB	6	8	6	H7	f7	6.055	5.99	0.077	0
0608DUB	6	8	8	H7	f7	6.055	5.99	0.077	0
0610DUB	6	8	10	H7	f7	6.055	5.99	0.077	0
0808DUB	8	10	8	H7	f7	8.055	7.99	0.083	0.003
0810DUB	8	10	10	H7	f7	8.055	7.99	0.083	0.003
0812DUB	8	10	12	H7	f7	8.055	7.99	0.083	0.003
1010DUB	10	12	10	H7	f7	10.058	9.99	0.086	0.003
1015DUB	10	12	15	H7	f7	10.058	9.99	0.086	0.003
1208DUB	12	14	8	H7	f7	12.058	11.99	0.092	0.006
1210DUB	12	14	10	H7	f7	12.058	11.99	0.092	0.006
1212DUB	12	14	12	H7	f7	12.058	11.99	0.092	0.006
1215DUB	12	14	15	H7	f7	12.058	11.99	0.092	0.006
1410DUB	14	16	10	H7	f7	14.058	13.99	0.092	0.006
1415DUB	14	16	15	H7	f7	14.058	13.99	0.092	0.006
1420DUB	14	16	20	H7	f7	14.058	13.99	0.092	0.006
1515DUB	15	17	15	H7	f7	15.058	14.99	0.092	0.006
1525DUB	15	17	25	H7	f7	15.058	14.99	0.092	0.006
1615DUB	16	18	15	H7	f7	16.058	15.99	0.092	0.006
1625DUB	16	18	25	H7	f7	16.058	15.99	0.092	0.006
1820DUB	18	20	20	H7	f7	18.061	17.99	0.095	0.006
1825DUB	18	20	25	H7	f7	18.061	17.99	0.095	0.006
2015DUB	20	23	15	H7	f7	20.071	19.99	0.112	0.01
2020DUB	20	23	20	H7	f7	20.071	19.99	0.112	0.01
2030DUB	20	23	30	H7	f7	20.071	19.99	0.112	0.01

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
2215DUB	22	25	15	H7	f7	22.071	21.99	0.112	0.01
2220DUB	22	25	20	H7	f7	22.071	21.99	0.112	0.01
2525DUB	25	28	25	H7	f7	25.071	24.99	0.112	0.01
2830DUB	28	32	30	H7	f7	28.085	27.99	0.126	0.01
3020DUB	30	34	20	H7	f7	30.085	29.99	0.126	0.01
3030DUB	30	34	30	H7	f7	30.085	29.99	0.126	0.01
3040DUB	30	34	40	H7	f7	30.085	29.99	0.126	0.01
3520DUB	35	39	20	H7	f7	35.085	34.99	0.135	0.015
3530DUB	35	39	30	H7	f7	35.085	34.99	0.135	0.015
4030DUB	40	44	30	H7	f7	40.085	39.99	0.135	0.015
4050DUB	40	44	50	H7	f7	40.085	39.99	0.135	0.015
4530DUB	45	50	30	H7	f7	45.105	44.99	0.155	0.015
4550DUB	45	50	50	H7	f7	45.105	44.99	0.155	0.015
5040DUB	50	55	40	H7	f7	50.11	49.99	0.16	0.015
5060DUB	50	55	60	H7	f7	50.11	49.99	0.16	0.015
5540DUB	55	60	40	H7	f7	55.11	54.99	0.17	0.02
6040DUB	60	65	40	H7	f7	60.11	59.99	0.17	0.02
6050DUB	60	65	50	H7	f7	60.11	59.99	0.17	0.02
6060DUB	60	65	60	H7	f7	60.11	59.99	0.17	0.02
6070DUB	60	65	70	H7	f7	60.11	59.99	0.17	0.02
6570DUB	65	70	70	H7	f7	65.11	64.99	0.17	0.02
7050DUB	70	75	50	H7	f7	70.11	69.99	0.17	0.02
7070DUB	70	75	70	H7	f7	70.11	69.99	0.17	0.02
7580DUB	75	80	80	H7	f7	75.11	74.99	0.17	0.02
8060DUB	80	85	60	H7	h8	80.155	80.02	0.201	0.02
80100DUB	80	85	100	H7	h8	80.155	80.02	0.201	0.02
85100DUB	85	90	100	H7	h8	85.155	85.02	0.209	0.02
9060DUB	90	95	60	H7	h8	90.155	90.02	0.209	0.02
90100DUB	90	95	100	H7	h8	90.155	90.02	0.209	0.02
95100DUB	95	100	100	H7	h8	95.155	95.02	0.209	0.02
10060DUB	100	105	60	H7	h8	100.155	100.02	0.209	0.02
100115DUB	100	105	115	H7	h8	100.155	100.02	0.209	0.02
105115DUB	105	110	115	H7	h8	105.155	105.02	0.209	0.02
110115DUB	110	115	115	H7	h8	115.155	115.02	0.209	0.02



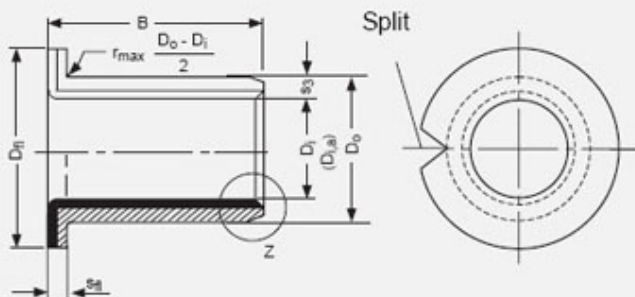
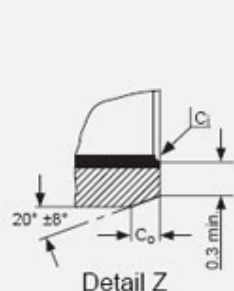
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DU-B Flanged Bush – Metric Size



Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB0304DUB	3	4.5	0.75	7	4	H6	h6	3.048	3	0.054	0
BB0404DUB	4	5.5	0.75	9	4	H6	h6	4.048	4	0.056	0
BB0505DUB	5	7	0.925	10	5	H7	f7	5.055	4.99	0.077	0
BB0604DUB	6	8	0.925	12	4	H7	f7	6.055	5.99	0.077	0
BB0608DUB	6	8	0.925	12	8	H7	f7	6.055	5.99	0.077	0
BB0806DUB	8	10	0.925	15	5.5	H7	f7	8.055	7.99	0.083	0
BB0810DUB	8	10	0.925	15	9.5	H7	f7	8.055	7.99	0.083	0
BB1007DUB	10	12	0.925	18	7	H7	f7	10.058	9.99	0.086	0.003
BB1012DUB	10	12	0.925	18	12	H7	f7	10.058	9.99	0.086	0.003
BB1207DUB	12	14	0.925	20	7	H7	f7	12.058	11.99	0.092	0.006
BB1209DUB	12	14	0.925	20	9	H7	f7	12.058	11.99	0.092	0.006
BB1212DUB	12	14	0.925	20	12	H7	f7	12.058	11.99	0.092	0.006
BB1417DUB	14	16	0.925	22	17	H7	f7	14.05	13.99	0.092	0.006
BB1512DUB	15	17	0.925	23	12	H7	f7	15.058	14.99	0.092	0.006
BB1517DUB	15	17	0.925	23	17	H7	f7	15.058	14.99	0.092	0.006
BB1612DUB	16	18	0.925	24	12	H7	f7	16.058	15.99	0.092	0.006
BB1617DUB	16	18	0.925	24	17	H7	f7	16.058	15.99	0.092	0.006
BB1812DUB	18	20	0.925	26	12	H7	f7	18.061	17.99	0.095	0.006
BB1822DUB	18	20	0.925	26	22	H7	f7	18.061	17.99	0.095	0.006
BB2012DUB	20	23	1.45	30	11.5	H7	f7	20.071	19.99	0.112	0.01
BB2017DUB	20	23	1.45	30	16.5	H7	f7	20.071	19.99	0.112	0.01
BB2512DUB	25	28	1.45	35	11.5	H7	f7	25.071	24.99	0.112	0.01
BB2522DUB	25	28	1.45	35	21.5	H7	f7	25.071	24.99	0.112	0.01
BB3016DUB	30	34	1.95	42	16	H7	f7	30.085	29.99	0.126	0.01
BB3026DUB	30	34	1.95	42	26	H7	f7	30.085	29.99	0.126	0.01
BB3526DUB	35	39	1.95	47	26	H7	f7	35.085	34.99	0.135	0.015
BB4026DUB	40	44	1.95	53	26	H7	f7	40.085	39.99	0.135	0.015
BB4526DUB	45	50	2.45	58	26	H7	f7	45.105	44.99	0.135	0.015



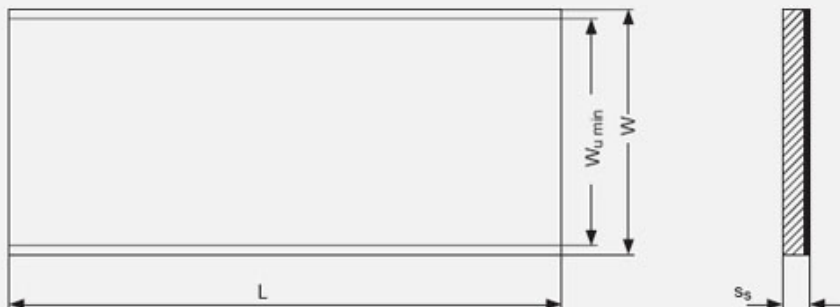
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DU-B Plate – Metric Size



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S07085DUB	500	95	85	0.72
S10180DUB	500	193	180	0.99
S15180DUB	500	193	180	1.5
S20180DUB	500	193	180	1.98
S25180DUB	500	193	180	2.48



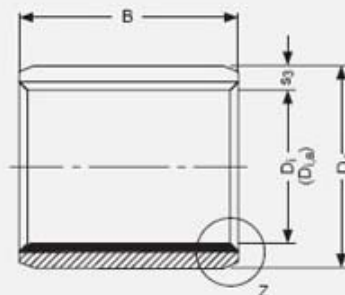
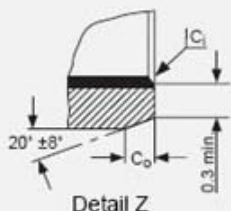
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Metal Polymer Dry Bearings

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■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

DP4 Cylindrical Bush – Metric Size



Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
0203DP4	2	3.5	3	H6	h6	2.048	2	0.054	0
0205DP4	2	3.5	5	H6	h6	2.048	2	0.054	0
0303DP4	3	4.5	3	H6	h6	3.048	3	0.054	0
0305DP4	3	4.5	5	H6	h6	3.048	3	0.054	0
0306DP4	3	4.5	6	H6	h6	3.048	3	0.054	0
0403DP4	4	5.5	3	H6	h6	4.048	4	0.056	0
0404DP4	4	5.5	4	H6	h6	4.048	4	0.056	0
0406DP4	4	5.5	6	H6	h6	4.048	4	0.056	0
0410DP4	4	5.5	10	H6	h6	4.048	4	0.056	0
0505DP4	5	7	5	H7	f7	5.055	4.99	0.077	0
0508DP4	5	7	8	H7	f7	5.055	4.99	0.077	0
0510DP4	5	7	10	H7	f7	5.055	4.99	0.077	0
0604DP4	6	8	4	H7	f7	6.055	5.99	0.077	0
0606DP4	6	8	6	H7	f7	6.055	5.99	0.077	0
0608DP4	6	8	8	H7	f7	6.055	5.99	0.077	0
0610DP4	6	8	10	H7	f7	6.055	5.99	0.077	0
0705DP4	7	9	5	H7	f7	7.055	6.99	0.083	0.003
0710DP4	7	9	10	H7	f7	7.055	6.99	0.083	0.003
0806DP4	8	10	6	H7	f7	8.055	7.99	0.083	0.003
0808DP4	8	10	8	H7	f7	8.055	7.99	0.083	0.003
0810DP4	8	10	10	H7	f7	8.055	7.99	0.083	0.003
0812DP4	8	10	12	H7	f7	8.055	7.99	0.083	0.003
1006DP4	10	12	6	H7	f7	10.058	9.99	0.086	0.003
1008DP4	10	12	8	H7	f7	10.058	9.99	0.086	0.003
1010DP4	10	12	10	H7	f7	10.058	9.99	0.086	0.003
1012DP4	10	12	12	H7	f7	10.058	9.99	0.086	0.003
1015DP4	10	12	15	H7	f7	10.058	9.99	0.086	0.003
1020DP4	10	12	20	H7	f7	10.058	9.99	0.086	0.003
1208DP4	12	14	8	H7	f7	12.058	11.99	0.092	0.006
1210DP4	12	14	10	H7	f7	12.058	11.99	0.092	0.006
1212DP4	12	14	12	H7	f7	12.058	11.99	0.092	0.006

Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
1215DP4	12	14	15	H7	f7	12.058	11.99	0.092	0.006
1225DP4	12	14	25	H7	f7	12.058	11.99	0.092	0.006
1310DP4	13	15	10	H7	f7	13.058	12.99	0.092	0.006
1320DP4	13	15	20	H7	f7	13.058	12.99	0.092	0.006
1405DP4	14	16	5	H7	f7	14.058	13.99	0.092	0.006
1410DP4	14	16	10	H7	f7	14.058	13.99	0.092	0.006
1412DP4	14	16	12	H7	f7	14.058	13.99	0.092	0.006
1415DP4	14	16	15	H7	f7	14.058	13.99	0.092	0.006
1420DP4	14	16	20	H7	f7	14.058	13.99	0.092	0.006
1425DP4	14	16	25	H7	f7	14.058	13.99	0.092	0.006
1510DP4	15	17	10	H7	f7	15.058	14.99	0.092	0.006
1512DP4	15	17	12	H7	f7	15.058	14.99	0.092	0.006
1515DP4	15	17	15	H7	f7	15.058	14.99	0.092	0.006
1520DP4	15	17	20	H7	f7	15.058	14.99	0.092	0.006
1525DP4	15	17	25	H7	f7	15.058	14.99	0.092	0.006
1610DP4	16	18	10	H7	f7	16.058	15.99	0.092	0.006
1612DP4	16	18	12	H7	f7	16.058	15.99	0.092	0.006
1615DP4	16	18	15	H7	f7	16.058	15.99	0.092	0.006
1620DP4	16	18	20	H7	f7	16.058	15.99	0.092	0.006
1625DP4	16	18	25	H7	f7	16.058	15.99	0.092	0.006
1720DP4	17	19	20	H7	f7	17.061	16.99	0.095	0.006
1810DP4	18	20	10	H7	f7	18.061	17.99	0.095	0.006
1815DP4	18	20	15	H7	f7	18.061	17.99	0.095	0.006
1820DP4	18	20	20	H7	f7	18.061	17.99	0.095	0.006
1825DP4	18	20	25	H7	f7	18.061	17.99	0.095	0.006
2010DP4	20	23	10	H7	f7	20.071	19.99	0.112	0.01
2015DP4	20	23	15	H7	f7	20.071	19.99	0.112	0.01
2020DP4	20	23	20	H7	f7	20.071	19.99	0.112	0.01
2025DP4	20	23	25	H7	f7	20.071	19.99	0.112	0.01
2030DP4	20	23	30	H7	f7	20.071	19.99	0.112	0.01
2215DP4	22	25	15	H7	f7	22.071	21.99	0.112	0.01
2220DP4	22	25	20	H7	f7	22.071	21.99	0.112	0.01
2225DP4	22	25	25	H7	f7	22.071	21.99	0.112	0.01
2230DP4	22	25	30	H7	f7	22.071	21.99	0.112	0.01
2415DP4	24	27	15	H7	f7	24.071	23.99	0.112	0.01
2420DP4	24	27	20	H7	f7	24.071	23.99	0.112	0.01
2425DP4	24	27	25	H7	f7	24.071	23.99	0.112	0.01
2430DP4	24	27	30	H7	f7	24.071	23.99	0.112	0.01
2515DP4	25	28	15	H7	f7	25.071	24.99	0.112	0.01
2520DP4	25	28	20	H7	f7	25.071	24.99	0.112	0.01
2525DP4	25	28	25	H7	f7	25.071	24.99	0.112	0.01
2530DP4	25	28	30	H7	f7	25.071	24.99	0.112	0.01
2550DP4	25	28	50	H7	f7	25.071	24.99	0.112	0.01
2815DP4	28	32	15	H7	f7	28.085	27.99	0.126	0.01
2820DP4	28	32	20	H7	f7	28.085	27.99	0.126	0.01

Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
2825DP4	28	32	25	H7	f7	28.085	27.99	0.126	0.01
2830DP4	28	32	30	H7	f7	28.085	27.99	0.126	0.01
3015DP4	30	34	15	H7	f7	30.085	29.99	0.126	0.01
3020DP4	30	34	20	H7	f7	30.085	29.99	0.126	0.01
3025DP4	30	34	25	H7	f7	30.085	29.99	0.126	0.01
3030DP4	30	34	30	H7	f7	30.085	29.99	0.126	0.01
3040DP4	30	34	40	H7	f7	30.085	29.99	0.126	0.01
3220DP4	32	36	20	H7	f7	32.085	31.99	0.135	0.015
3230DP4	32	36	30	H7	f7	32.085	31.99	0.135	0.015
3240DP4	32	36	40	H7	f7	32.085	31.99	0.135	0.015
3520DP4	35	39	20	H7	f7	35.085	34.99	0.135	0.015
3530DP4	35	39	30	H7	f7	35.085	34.99	0.135	0.015
3535DP4	35	39	35	H7	f7	35.085	34.99	0.135	0.015
3540DP4	35	39	40	H7	f7	35.085	34.99	0.135	0.015
3550DP4	35	39	50	H7	f7	35.085	34.99	0.135	0.015
3720DP4	37	41	20	H7	f7	37.085	36.99	0.135	0.015
4020DP4	40	44	20	H7	f7	40.085	39.99	0.135	0.015
4030DP4	40	44	30	H7	f7	40.085	39.99	0.135	0.015
4040DP4	40	44	40	H7	f7	40.085	39.99	0.135	0.015
4050DP4	40	44	50	H7	f7	40.085	39.99	0.135	0.015
4520DP4	45	50	20	H7	f7	45.105	44.99	0.155	0.015
4530DP4	45	50	30	H7	f7	45.105	44.99	0.155	0.015
4540DP4	45	50	40	H7	f7	45.105	44.99	0.155	0.015
4545DP4	45	50	45	H7	f7	45.105	44.99	0.155	0.015
4550DP4	45	50	50	H7	f7	45.105	44.99	0.155	0.015
5020DP4	50	55	20	H7	f7	50.11	49.99	0.16	0.015
5030DP4	50	55	30	H7	f7	50.11	49.99	0.16	0.015
5040DP4	50	55	40	H7	f7	50.11	49.99	0.16	0.015
5050DP4	50	55	50	H7	f7	50.11	49.99	0.16	0.015
5060DP4	50	55	60	H7	f7	50.11	49.99	0.16	0.015
5520DP4	55	60	20	H7	f7	55.11	54.99	0.17	0.02
5525DP4	55	60	25	H7	f7	55.11	54.99	0.17	0.02
5530DP4	55	60	30	H7	f7	55.11	54.99	0.17	0.02
5540DP4	55	60	40	H7	f7	55.11	54.99	0.17	0.02
5550DP4	55	60	50	H7	f7	55.11	54.99	0.17	0.02
5555DP4	55	60	55	H7	f7	55.11	54.99	0.17	0.02
5560DP4	55	60	60	H7	f7	55.11	54.99	0.17	0.02
6020DP4	60	65	20	H7	f7	60.11	59.99	0.17	0.02
6030DP4	60	65	30	H7	f7	60.11	59.99	0.17	0.02
6040DP4	60	65	40	H7	f7	60.11	59.99	0.17	0.02
6050DP4	60	65	50	H7	f7	60.11	59.99	0.17	0.02
6060DP4	60	65	60	H7	f7	60.11	59.99	0.17	0.02
6070DP4	60	65	70	H7	f7	60.11	59.99	0.17	0.02
6530DP4	65	70	30	H7	f7	65.11	64.99	0.17	0.02
6550DP4	65	70	50	H7	f7	65.11	64.99	0.17	0.02

Part No.	Di (mm)	Do (mm)	B (mm)	Gehäuse	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
6570DP4	65	70	70	H7	f7	65.11	64.99	0.17	0.02
7040DP4	70	75	40	H7	f7	70.11	69.99	0.17	0.02
7050DP4	70	75	50	H7	f7	70.11	69.99	0.17	0.02
7560DP4	75	80	60	H7	f7	75.11	74.99	0.17	0.02
7580DP4	75	80	80	H7	f7	75.11	74.99	0.17	0.02
8040DP4	80	85	40	H7	h8	80.155	80.02	0.209	0.02
8060DP4	80	85	60	H7	h8	80.155	80.02	0.209	0.02
8080DP4	80	85	80	H7	h8	80.155	80.02	0.209	0.02
80100DP4	80	85	100	H7	h8	80.155	80.02	0.209	0.02
8530DP4	85	90	30	H7	h8	85.155	85.02	0.209	0.02
8560DP4	85	90	60	H7	h8	85.155	85.02	0.209	0.02
85100DP4	85	90	100	H7	h8	85.155	85.02	0.209	0.02
9060DP4	90	95	60	H7	h8	90.155	90.02	0.209	0.02
90100DP4	90	95	100	H7	h8	90.155	90.02	0.209	0.02
9560DP4	95	100	60	H7	h8	95.155	95.02	0.209	0.02
95100DP4	95	100	100	H7	h8	95.155	95.02	0.209	0.02
10050DP4	100	105	50	H7	h8	100.155	100.02	0.209	0.02
10060DP4	100	105	60	H7	h8	100.155	100.02	0.209	0.02
100115DP4	100	105	115	H7	h8	100.155	100.02	0.209	0.02



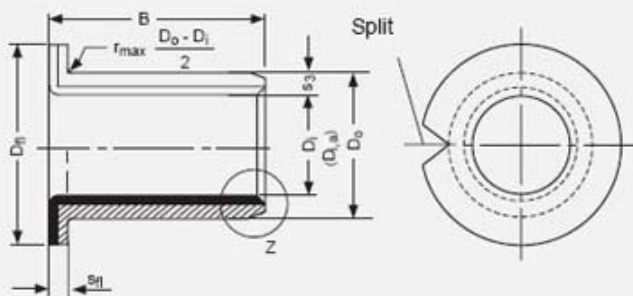
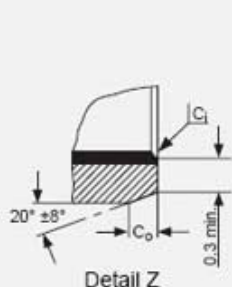
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DP4 Flanged Bush – Metric Size



Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB0304DP4	3	4.5	0.75	7	4	H6	h6	3.048	3	0.054	0
BB0404DP4	4	5.5	0.75	9	4	H6	h6	4.048	4	0.056	0
BB0505DP4	5	7	0.925	10	5	H7	f7	5.055	4.99	0.077	0
BB0604DP4	6	8	0.925	12	4	H7	f7	6.055	5.99	0.077	0
BB0608DP4	6	8	0.925	12	8	H7	f7	6.055	5.99	0.077	0
BB0806DP4	8	10	0.925	15	5.5	H7	f7	8.055	7.99	0.083	0.003
BB0808DP4	8	10	0.925	15	7.5	H7	f7	8.055	7.99	0.083	0.003
BB0810DP4	8	10	0.925	15	9.5	H7	f7	8.055	7.99	0.083	0.003
BB1007DP4	10	12	0.925	18	7	H7	f7	10.058	9.99	0.086	0.003
BB1009DP4	10	12	0.925	18	9	H7	f7	10.058	9.99	0.086	0.003
BB1012DP4	10	12	0.925	18	12	H7	f7	10.058	9.99	0.086	0.003
BB1017DP4	10	12	0.925	18	17	H7	f7	10.058	9.99	0.086	0.003
BB1207DP4	12	14	0.925	20	7	H7	f7	12.058	11.99	0.092	0.006
BB1209DP4	12	14	0.925	20	9	H7	f7	12.058	11.99	0.092	0.006
BB1212DP4	12	14	0.925	20	12	H7	f7	12.058	11.99	0.092	0.006
BB1217DP4	12	14	0.925	20	17	H7	f7	12.058	11.99	0.092	0.006
BB1412DP4	14	16	0.925	22	12	H7	f7	14.058	13.99	0.092	0.006
BB1417DP4	14	16	0.925	22	17	H7	f7	14.058	13.99	0.092	0.006
BB1509DP4	15	17	0.925	23	9	H7	f7	15.058	14.99	0.092	0.006
BB1512DP4	15	17	0.925	23	12	H7	f7	15.058	14.99	0.092	0.006
BB1517DP4	15	17	0.925	24	17	H7	f7	15.058	14.99	0.092	0.006
BB1612DP4	16	18	0.925	24	12	H7	f7	16.058	15.99	0.092	0.006
BB1617DP4	16	18	0.925	24	17	H7	f7	16.058	15.99	0.092	0.006
BB1812DP4	18	20	0.925	26	12	H7	f7	18.061	17.99	0.095	0.006
BB1817DP4	18	20	0.925	26	17	H7	f7	18.061	17.99	0.095	0.006
BB1822DP4	18	20	0.925	26	22	H7	f7	18.061	17.99	0.095	0.006
BB2012DP4	20	23	1.45	30	11.5	H7	f7	20.071	19.99	0.112	0.01
BB2017DP4	20	23	1.45	30	16.5	H7	f7	20.071	19.99	0.112	0.01
BB2022DP4	20	23	1.45	30	21.5	H7	f7	20.071	19.99	0.112	0.01
BB2512DP4	25	28	1.45	35	11.5	H7	f7	25.071	24.99	0.112	0.01
BB2517DP4	25	28	1.45	35	16.5	H7	f7	25.071	24.99	0.112	0.01

Part No.	Di (mm)	Do (mm)	Sfl (mm)	Dfl (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)
BB2522DP4	25	28	1.45	35	21.5	H7	f7	25.071	24.99	0.112	0.01
BB3026DP4	30	34	1.95	42	26	H7	f7	30.085	29.99	0.126	0.01
BB3516DP4	35	39	1.95	47	16	H7	f7	35.085	34.99	0.135	0.015
BB3526DP4	35	39	1.95	47	26	H7	f7	35.085	34.99	0.135	0.015
BB4016DP4	40	44	1.95	53	16	H7	f7	40.085	39.99	0.135	0.015
BB4026DP4	40	44	1.95	53	26	H7	f7	40.085	39.99	0.135	0.015
BB4516DP4	45	50	2.45	58	16	H7	f7	45.105	44.99	0.155	0.015
BB4526DP4	45	50	2.45	58	26	H7	f7	45.105	44.99	0.155	0.015



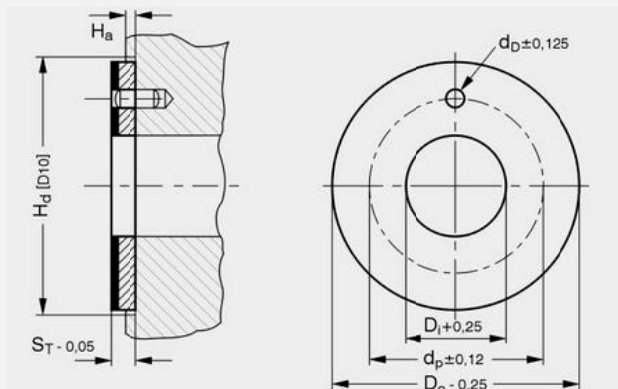
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DP4 Thrust Washer – Metric Size



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)	Ha min. (mm)
WC08DP4	10	20	1.5			1.2	0.95
WC10DP4	12	24	1.5	1.75	18	1.2	0.95
WC12DP4	14	26	1.5	2.25	20	1.2	0.95
WC14DP4	16	30	1.5	2.25	22	1.2	0.95
WC16DP4	18	32	1.5	2.25	25	1.2	0.95
WC18DP4	20	36	1.5	3.25	28	1.2	0.95
WC20DP4	22	38	1.5	3.25	30	1.2	0.95
WC22DP4	24	42	1.5	3.25	33	1.2	0.95
WC24DP4	26	44	1.5	3.25	35	1.2	0.95
WC25DP4	28	48	1.5	4.25	38	1.2	0.95
WC30DP4	32	54	1.5	4.25	43	1.2	0.95
WC35DP4	38	62	1.5	4.25	50	1.2	0.95
WC40DP4	42	66	1.5	4.25	54	1.2	0.95
WC45DP4	48	74	2	4.25	61	1.7	1.45
WC50DP4	52	78	2	4.25	65	1.7	1.45
WC60DP4	62	90	2	4.25	76	1.7	1.45



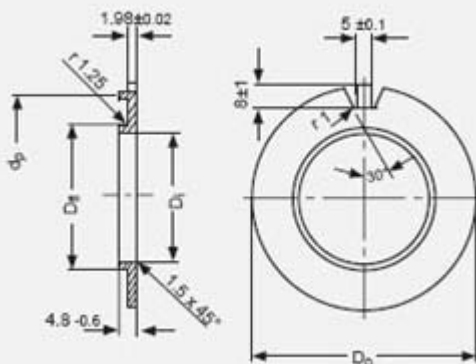
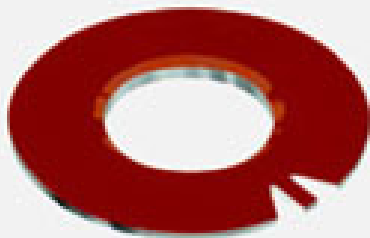
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DP4 Flanged Washer – Metric Size



Part No.	Di (mm)	Do (mm)	Dfl (mm)	dP (mm)
BS40DP4	40.45	75	44	64.75
BS50DP4	51.25	85	55	74.75
BS60DP4	61.25	95	65	84.75
BS70DP4	71.25	110	75	99.75
BS80DP4	81.25	120	85	109.75
BS90DP4	91.25	130	95	119.75
BS100DP4	101.25	140	105	129.75



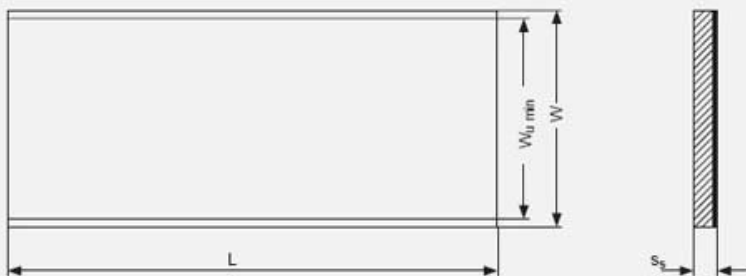
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DP4 Plate – Metric Size



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S07190DP4	500	200	190	0.72
S10190DP4	500	200	190	0.99
S15190DP4	500	200	190	1.5
S20190DP4	500	200	190	1.96
S25240DP4	500	254	240	2.44



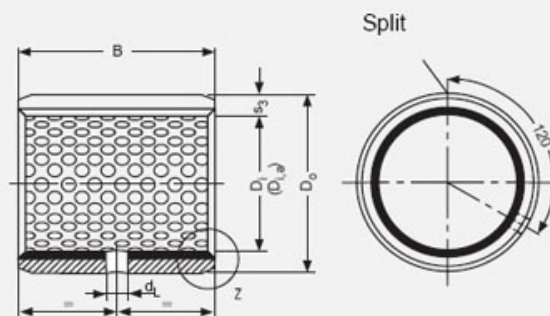
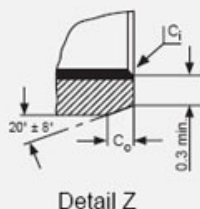
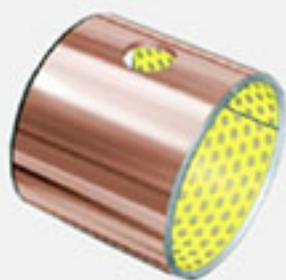
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DX Cylindrical Bush – Metric Size



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di Ass. in and H7 Hsg. max. (mm)	Di Ass. in and H7 Hsg. min. (mm)	Clearance max. (mm)	Clearance min. (mm)	Oil hole-Ø dL (mm)
MB0808DX	8	10	8	H7	d8	8.015	8	0.077	0.04	
MB0810DX	8	10	10	H7	d8	8.015	8	0.077	0.04	
MB0812DX	8	10	12	H7	d8	8.015	8	0.077	0.04	
MB1010DX	10	12	10	H7	d8	10.018	10	0.08	0.04	3
MB1012DX	10	12	12	H7	d8	10.018	10	0.08	0.04	4
MB1015DX	10	12	15	H7	d8	10.018	10	0.08	0.04	4
MB1020DX	10	12	20	H7	d8	10.018	10	0.08	0.04	4
MB1210DX	12	14	10	H7	d8	12.018	12	0.095	0.05	3
MB1212DX	12	14	12	H7	d8	12.018	12	0.095	0.05	4
MB1215DX	12	14	15	H7	d8	12.018	12	0.095	0.05	4
MB1220DX	12	14	20	H7	d8	12.018	12	0.095	0.05	4
MB1225DX	12	14	25	H7	d8	12.018	12	0.095	0.05	4
MB1415DX	14	16	15	H7	d8	14.018	14	0.095	0.05	4
MB1420DX	14	16	20	H7	d8	14.018	14	0.095	0.05	4
MB1425DX	14	16	25	H7	d8	14.018	14	0.095	0.05	4
MB1510DX	15	17	10	H7	d8	15.018	15	0.095	0.05	3
MB1512DX	15	17	12	H7	d8	15.018	15	0.095	0.05	4
MB1515DX	15	17	15	H7	d8	15.018	15	0.095	0.05	4
MB1525DX	15	17	25	H7	d8	15.018	15	0.095	0.05	4
MB1615DX	16	18	15	H7	d8	16.018	16	0.095	0.05	4
MB1620DX	16	18	20	H7	d8	16.018	16	0.095	0.05	4
MB1625DX	16	18	25	H7	d8	16.018	16	0.095	0.05	4
MB1815DX	18	20	15	H7	d8	18.018	18	0.095	0.05	4
MB1820DX	18	20	20	H7	d8	18.018	18	0.095	0.05	4
MB1825DX	18	20	25	H7	d8	18.018	18	0.095	0.05	4
MB2010DX	20	23	10	H7	d8	20.021	20	0.119	0.065	4
MB2015DX	20	23	15	H7	d8	20.021	20	0.119	0.065	4
MB2020DX	20	23	20	H7	d8	20.021	20	0.119	0.065	4
MB2025DX	20	23	25	H7	d8	20.021	20	0.119	0.065	4
MB2030DX	20	23	30	H7	d8	20.021	20	0.119	0.065	4

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di Ass. in and H7 Hsg. max. (mm)	Di Ass. in and H7 Hsg. min. (mm)	Clearance max. (mm)	Clearance min. (mm)	Oil hole-Ø dL (mm)
MB2215DX	22	25	15	H7	d8	22.021	22	0.119	0.065	6
MB2220DX	22	25	20	H7	d8	22.021	22	0.119	0.065	6
MB2415DX	24	27	15	H7	d8	24.021	24	0.119	0.065	6
MB2420DX	24	27	20	H7	d8	24.021	24	0.119	0.065	6
MB2425DX	24	27	25	H7	d8	24.021	24	0.119	0.065	6
MB2430DX	24	27	30	H7	d8	24.021	24	0.119	0.065	6
MB2515DX	25	28	15	H7	d8	25.021	25	0.119	0.065	6
MB2520DX	25	28	20	H7	d8	25.021	25	0.119	0.065	6
MB2525DX	25	28	25	H7	d8	25.021	25	0.119	0.065	6
MB2530DX	25	28	30	H7	d8	25.021	25	0.119	0.065	6
MB2820DX	28	32	20	H7	d8	28.021	28	0.119	0.065	6
MB2825DX	28	32	25	H7	d8	28.021	28	0.119	0.065	6
MB2830DX	28	32	30	H7	d8	28.021	28	0.119	0.065	6
MB3020DX	30	34	20	H7	d8	30.021	30	0.119	0.065	6
MB3030DX	30	34	30	H7	d8	30.021	30	0.119	0.065	6
MB3040DX	30	34	40	H7	d8	30.021	30	0.119	0.065	6
MB3220DX	32	36	20	H7	d8	32.025	32	0.144	0.08	6
MB3230DX	32	36	30	H7	d8	32.025	32	0.144	0.08	6
MB3235DX	32	36	35	H7	d8	32.025	32	0.144	0.08	6
MB3240DX	32	36	40	H7	d8	32.025	32	0.144	0.08	6
MB3520DX	35	39	20	H7	d8	35.025	35	0.144	0.08	6
MB3530DX	35	39	30	H7	d8	35.025	35	0.144	0.08	6
MB3550DX	35	39	50	H7	d8	35.025	35	0.144	0.08	6
MB3720DX	37	41	20	H7	d8	37.025	37	0.144	0.08	6
MB4020DX	40	44	20	H7	d8	40.025	40	0.144	0.08	8
MB4030DX	40	44	30	H7	d8	40.025	40	0.144	0.08	8
MB4040DX	40	44	40	H7	d8	40.025	40	0.144	0.08	8
MB4050DX	40	44	50	H7	d8	40.025	40	0.144	0.08	8
MB4520DX	45	50	20	H7	d8	45.025	45	0.144	0.08	8
MB4530DX	45	50	30	H7	d8	45.025	45	0.144	0.08	8
MB4540DX	45	50	40	H7	d8	45.025	45	0.144	0.08	8
MB4545DX	45	50	45	H7	d8	45.025	45	0.144	0.08	8
MB4550DX	45	50	50	H7	d8	45.025	45	0.144	0.08	8
MB5040DX	50	55	40	H7	d8	50.025	50	0.144	0.08	8
MB5060DX	50	55	60	H7	d8	50.025	50	0.144	0.08	8
MB5520DX	55	60	20	H7	d8	55.03	55	0.176	0.1	8
MB5525DX	55	60	25	H7	d8	55.03	55	0.176	0.1	8
MB5530DX	55	60	30	H7	d8	55.03	55	0.176	0.1	8
MB5540DX	55	60	40	H7	d8	55.03	55	0.176	0.1	8
MB5550DX	55	60	50	H7	d8	55.03	55	0.176	0.1	8
MB5560DX	55	60	60	H7	d8	55.03	55	0.176	0.1	8
MB6030DX	60	65	30	H7	d8	60.03	60	0.176	0.1	8
MB6040DX	60	65	40	H7	d8	60.03	60	0.176	0.1	8
MB6060DX	60	65	60	H7	d8	60.03	60	0.176	0.1	8

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di Ass. in and H7 Hsg. max. (mm)	Di Ass. in and H7 Hsg. min. (mm)	Clearance max. (mm)	Clearance min. (mm)	Oil hole-Ø dL (mm)
MB6070DX	60	65	70	H7	d8	60.03	60	0.176	0.1	8
MB6540DX	65	70	40	H7	d8	65.03	65	0.176	0.1	8
MB6560DX	65	70	60	H7	d8	65.03	65	0.176	0.1	8
MB6570DX	65	70	70	H7	d8	65.03	65	0.176	0.1	8
MB7040DX	70	75	40	H7	d8	70.03	70	0.176	0.1	8
MB7050DX	70	75	50	H7	d8	70.03	70	0.176	0.1	8
MB7065DX	70	75	65	H7	d8	70.03	70	0.176	0.1	8
MB7070DX	70	75	70	H7	d8	70.03	70	0.176	0.1	8
MB7080DX	70	75	80	H7	d8	70.03	70	0.176	0.1	8
MB7540DX	75	80	40	H7	d8	75.03	75	0.176	0.1	9.5
MB7560DX	75	80	60	H7	d8	75.03	75	0.176	0.1	9.5
MB7580DX	75	80	80	H7	d8	75.03	75	0.176	0.1	9.5
MB8040DX	80	85	40	H7	d8	80.03	80	0.176	0.1	9.5
MB8060DX	80	85	60	H7	d8	80.03	80	0.176	0.1	9.5
MB8080DX	80	85	80	H7	d8	80.03	80	0.176	0.1	9.5
MB80100DX	80	85	100	H7	d8	80.03	80	0.176	0.1	9.5
MB8530DX	85	90	30	H7	d8	85.035	85	0.209	0.12	9.5
MB8540DX	85	90	40	H7	d8	85.035	85	0.209	0.12	9.5
MB8560DX	85	90	60	H7	d8	85.035	85	0.209	0.12	9.5
MB8580DX	85	90	80	H7	d8	85.035	85	0.209	0.12	9.5
MB85100DX	85	90	100	H7	d8	85.035	85	0.209	0.12	9.5
MB9040DX	90	95	40	H7	d8	90.035	90	0.209	0.12	9.5
MB9060DX	90	95	60	H7	d8	90.035	90	0.209	0.12	9.5
MB9090DX	90	95	90	H7	d8	90.035	90	0.209	0.12	9.5
MB90100DX	90	95	100	H7	d8	90.035	90	0.209	0.12	9.5
MB9560DX	95	100	60	H7	d8	95.035	95	0.209	0.12	9.5
MB95100DX	95	100	100	H7	d8	95.035	95	0.209	0.12	9.5
MB10050DX	100	105	50	H7	d8	100.035	100	0.209	0.12	9.5
MB10060DX	100	105	60	H7	d8	100.035	100	0.209	0.12	9.5
MB10080DX	100	105	80	H7	d8	100.035	100	0.209	0.12	9.5
MB10095DX	100	105	95	H7	d8	100.035	100	0.209	0.12	9.5
MB100115DX	100	105	115	H7	d8	100.035	100	0.209	0.12	9.5



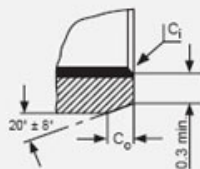
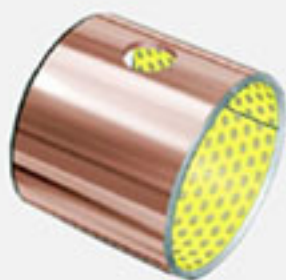
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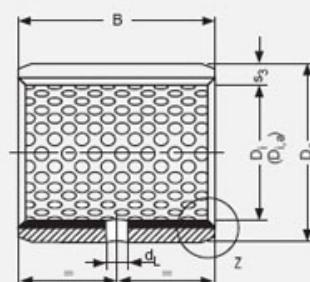
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DX Cylindrical Bush – Inch Size



Detail Z



Split



Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
008DX006	1/2	19/32	0.375	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0017	0.0002	5/32
008DX008	1/2	19/32	0.5	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0048	0.0002	5/32
010DX010	5/8	23/32	0.625	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
010DX012	5/8	23/32	0.75	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
012DX012	3/4	7/8	0.75	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
012DX016	3/4	7/8	1	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
014DX012	7/8	1	0.75	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
014DX016	7/8	1	1	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
016DX012	1	1 1/8	0.75	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
016DX016	1	1 1/8	1	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
018DX012	1 1/8	1 9/32	0.75	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
018DX016	1 1/8	1 9/32	1	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
020DX012	1 1/4	1 13/32	0.75	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
020DX016	1 1/4	1 13/32	1	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
022DX016	1 3/8	1 17/32	1	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
022DX024	1 3/8	1 17/32	1.5	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
024DX016	1 1/2	1 21/32	1	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024DX024	1 1/2	1 21/32	1.5	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024DX032	1 1/2	1 21/32	2	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
026DX016	1 5/8	1 25/32	1	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026DX024	1 5/8	1 25/32	1.5	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026DX032	1 5/8	1 25/32	2	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
028DX016	1 3/4	1 15/16	1	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028DX024	1 3/4	1 15/16	1.5	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028DX032	1 3/4	1 15/16	2	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
030DX016	1 7/8	2 1/16	1	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030DX024	1 7/8	2 1/16	1.5	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030DX032	1 7/8	2 1/16	1.875	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030DX036	1 7/8	2 1/16	2.25	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
032DX016	2	2 3/16	1	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
032DX024	2	2 3/16	1.5	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16
040DX024	2 1/2	2 11/16	1.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040DX032	2 1/2	2 11/16	2	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040DX040	2 1/2	2 11/16	2.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
048DX024	3	3 3/16	1.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048DX032	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048DX040	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048DX048	3	3 3/16	3	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16



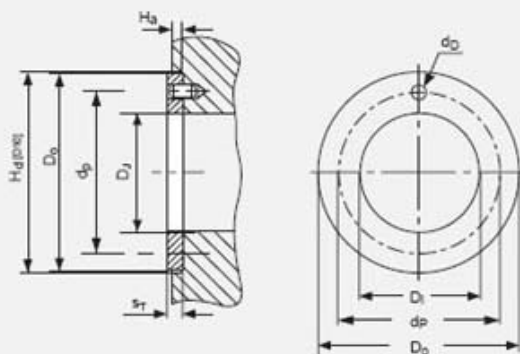
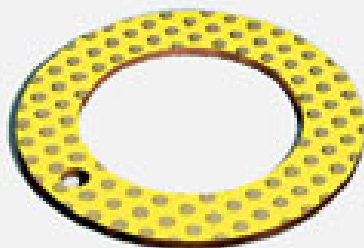
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DX Thrust Washer – Metric Size



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)	Ha min. (mm)
WC08DX	10	20	1.58			1.2	0.95
WC10DX	12	24	1.58	1.75	18	1.2	0.95
WC12DX	14	26	1.58	2.25	20	1.2	0.95
WC14DX	16	30	1.58	2.25	22	1.2	0.95
WC16DX	18	32	1.58	2.25	25	1.2	0.95
WC18DX	20	36	1.58	3.25	28	1.2	0.95
WC20DX	22	38	1.58	3.25	30	1.2	0.95
WC22DX	24	42	1.58	3.25	33	1.2	0.95
WC24DX	26	44	1.58	3.25	35	1.2	0.95
WC25DX	28	48	1.58	4.25	38	1.2	0.95
WC30DX	32	54	1.58	4.25	43	1.2	0.95
WC35DX	38	62	1.58	4.25	50	1.2	0.95
WC40DX	42	66	1.58	4.25	54	1.2	0.95
WC45DX	48	74	2.6	4.25	61	1.7	1.45
WC50DX	52	78	2.6	4.25	65	1.7	1.45



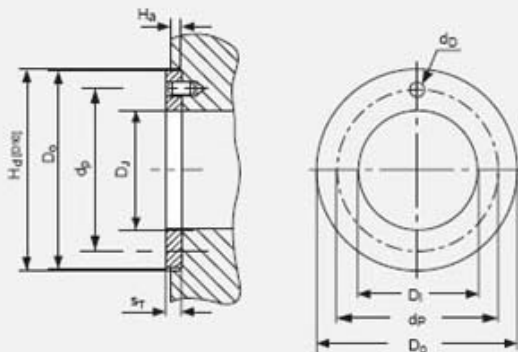
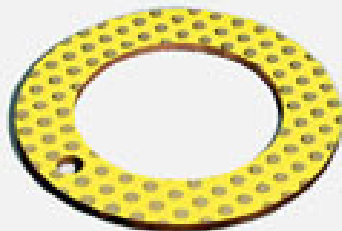
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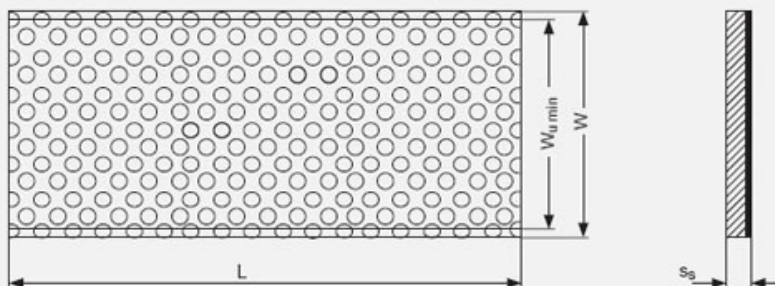
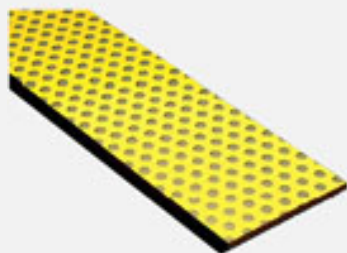
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■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

DX Thrust Washer – Inch Size



Part No.	Di (inch)	Do (inch)	ST (inch)	dD (inch)	dP (inch)	Ha max. (inch)	Ha min. (inch)
08DX	0.635	1.125	0.066	0.104	0.875	0.05	0.04
10DX	0.76	1.25	0.066	0.104	1	0.05	0.04
12DX	0.885	1.5	0.066	0.135	1.187	0.05	0.04
14DX	1.01	1.75	0.066	0.135	1.375	0.05	0.04
16DX	1.135	2	0.066	0.166	1.562	0.05	0.04
18DX	1.26	2.125	0.066	0.166	1.687	0.05	0.04
20DX	1.385	2.25	0.066	0.166	1.812	0.05	0.04
22DX	1.51	2.5	0.066	0.197	2	0.05	0.04
24DX	1.635	2.625	0.066	0.197	2.125	0.05	0.04
26DX	1.76	2.75	0.066	0.197	2.25	0.05	0.04
28DX	2.01	3	0.093	0.197	2.5	0.08	0.07
30DX	2.135	3.125	0.093	0.197	2.625	0.08	0.07
32DX	2.26	3.25	0.093	0.197	2.75	0.08	0.07

DX Thrust Plate – Metric Size



Part No.	L (mm)	W (mm)	Wu (mm)	Ss (mm)
S10150DX	500	160	150	1.05
S15190DX	500	200	190	1.54
S20190DX	500	200	190	2.03
S25190DX	500	200	190	2.55



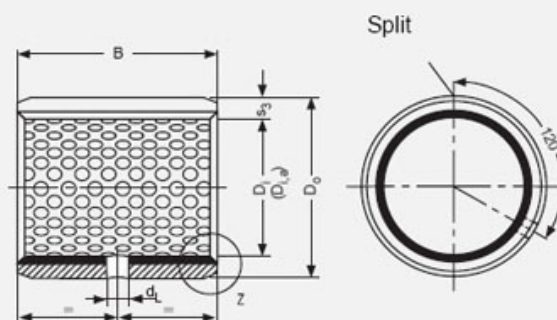
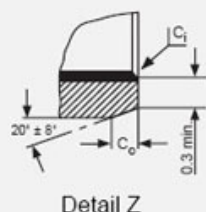
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HX Cylindrical Bush – Metric Size



Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)	Ø dL (mm)
0808HX	8	10	8	H7	h8	8.105	8.04	0.127	0.04	
0810HX	8	10	10	H7	h8	8.105	8.04	0.127	0.04	
0812HX	8	10	12	H7	h8	8.105	8.04	0.127	0.04	
1010HX	10	12	10	H7	h8	10.108	10.04	0.13	0.04	3
1012HX	10	12	12	H7	h8	10.108	10.04	0.13	0.04	4
1015HX	10	12	15	H7	h8	10.108	10.04	0.13	0.04	4
1020HX	10	12	20	H7	h8	10.108	10.04	0.13	0.04	4
1210HX	12	14	10	H7	h8	12.108	12.04	0.135	0.04	3
1212HX	12	14	12	H7	h8	12.108	12.04	0.135	0.04	4
1215HX	12	14	15	H7	h8	12.108	12.04	0.135	0.04	4
1220HX	12	14	20	H7	h8	12.108	12.04	0.135	0.04	4
1225HX	12	14	25	H7	h8	12.108	12.04	0.135	0.04	4
1415HX	14	16	15	H7	h8	14.108	14.04	0.135	0.04	4
1420HX	14	16	20	H7	h8	14.108	14.04	0.135	0.04	4
1425HX	14	16	25	H7	h8	14.108	14.04	0.135	0.04	4
1510HX	15	17	10	H7	h8	15.108	15.04	0.135	0.04	3
1512HX	15	17	12	H7	h8	15.108	15.04	0.135	0.04	4
1515HX	15	17	15	H7	h8	15.108	15.04	0.135	0.04	4
1525HX	15	17	25	H7	h8	15.108	15.04	0.135	0.04	4
1615HX	16	18	15	H7	h8	16.108	16.04	0.135	0.04	4
1620HX	16	18	20	H7	h8	16.108	16.04	0.135	0.04	4
1625HX	16	18	25	H7	h8	16.108	16.04	0.135	0.04	4
1815HX	18	20	15	H7	h8	18.111	18.04	0.138	0.04	4
1820HX	18	20	20	H7	h8	18.111	18.04	0.138	0.04	4
1825HX	18	20	25	H7	h8	18.111	18.04	0.138	0.04	4
2010HX	20	23	10	H7	h8	20.131	20.05	0.164	0.05	4
2015HX	20	23	15	H7	h8	20.131	20.05	0.164	0.05	4
2020HX	20	23	20	H7	h8	20.131	20.05	0.164	0.05	4
2025HX	20	23	25	H7	h8	20.131	20.05	0.164	0.05	4
2030HX	20	23	30	H7	h8	20.131	20.05	0.164	0.05	4
2215HX	22	25	15	H7	h8	22.131	22.05	0.164	0.05	6

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)	Ø dL (mm)
2220HX	22	25	20	H7	h8	22.131	22.05	0.164	0.05	6
2230HX	22	25	30	H7	h8	22.131	22.05	0.164	0.05	6
2415HX	24	27	15	H7	h8	24.131	24.05	0.164	0.05	6
2420HX	24	27	20	H7	h8	24.131	24.05	0.164	0.05	6
2425HX	24	27	25	H7	h8	24.131	24.05	0.164	0.05	6
2430HX	24	27	30	H7	h8	24.131	24.05	0.164	0.05	6
2515HX	25	28	15	H7	h8	25.131	25.05	0.164	0.05	6
2520HX	25	28	20	H7	h8	25.131	25.05	0.164	0.05	6
2525HX	25	28	25	H7	h8	25.131	25.05	0.164	0.05	6
2530HX	25	28	30	H7	h8	25.131	25.05	0.164	0.05	6
283130HX	28	31	30	H7	h8	28.135	28.05	0.168	0.05	6
2820HX	28	32	20	H7	h8	28.155	28.06	0.188	0.06	6
2825HX	28	32	25	H7	h8	28.155	28.06	0.188	0.06	6
2830HX	28	32	30	H7	h8	28.155	28.06	0.188	0.06	6
3020HX	30	34	20	H7	h8	30.155	30.06	0.188	0.06	6
3030HX	30	34	30	H7	h8	30.155	30.06	0.188	0.06	6
3040HX	30	34	40	H7	h8	30.155	30.06	0.188	0.06	6
3220HX	32	36	20	H7	h8	32.155	32.06	0.194	0.06	6
3230HX	32	36	30	H7	h8	32.155	32.06	0.194	0.06	6
3235HX	32	36	35	H7	h8	32.155	32.06	0.194	0.06	6
3240HX	32	36	40	H7	h8	32.155	32.06	0.194	0.06	6
3520HX	35	39	20	H7	h8	35.155	35.06	0.194	0.06	6
3530HX	35	39	30	H7	h8	35.155	35.06	0.194	0.06	6
3535HX	35	39	35	H7	h8	35.155	35.06	0.194	0.06	6
3550HX	35	39	50	H7	h8	35.155	35.06	0.194	0.06	6
3635HX	36	40	35	H7	h8	36.155	36.06	0.194	0.06	6
3720HX	37	41	20	H7	h8	37.155	37.06	0.194	0.06	6
4020HX	40	44	20	H7	h8	40.155	40.06	0.194	0.06	8
4030HX	40	44	30	H7	h8	40.155	40.06	0.194	0.06	8
4040HX	40	44	40	H7	h8	40.155	40.06	0.194	0.06	8
4050HX	40	44	50	H7	h8	40.155	40.06	0.194	0.06	8
4520HX	45	50	20	H7	h8	45.195	45.08	0.234	0.08	8
4530HX	45	50	30	H7	h8	45.195	45.08	0.234	0.08	8
4540HX	45	50	40	H7	h8	45.195	45.08	0.234	0.08	8
4545HX	45	50	45	H7	h8	45.195	45.08	0.234	0.08	8
4550HX	45	50	50	H7	h8	45.195	45.08	0.234	0.08	8
5040HX	50	55	40	H7	h8	50.2	50.08	0.239	0.08	8
5045HX	50	55	45	H7	h8	50.2	50.08	0.239	0.08	8
5050HX	50	55	50	H7	h8	50.2	50.08	0.239	0.08	8
5060HX	50	55	60	H7	h8	50.2	50.08	0.239	0.08	8
5520HX	55	60	20	H7	h8	55.2	55.08	0.246	0.08	8
5525HX	55	60	25	H7	h8	55.2	55.08	0.246	0.08	8
5530HX	55	60	30	H7	h8	55.2	55.08	0.246	0.08	8
5540HX	55	60	40	H7	h8	55.2	55.08	0.246	0.08	8
5550HX	55	60	50	H7	h8	55.2	55.08	0.246	0.08	8

Part No.	Di (mm)	Do (mm)	B (mm)	Housing	Shaft	Di,a max in H7 (mm)	Di,a min in H7 (mm)	Clearance max. (mm)	Clearance min. (mm)	Ø dL (mm)
5560HX	55	60	60	H7	h8	55.2	55.08	0.246	0.08	8
6030HX	60	65	30	H7	h8	60.2	60.08	0.246	0.08	8
6060HX	60	65	60	H7	h8	60.2	60.08	0.246	0.08	8
6070HX	60	65	70	H7	h8	60.2	60.08	0.246	0.08	8
6540HX	65	70	40	H7	h8	65.262	65.1	0.308	0.1	8
6550HX	65	70	50	H7	h8	65.262	65.1	0.308	0.1	8
6560HX	65	70	60	H7	h8	65.262	65.1	0.308	0.1	8
6570HX	65	70	70	H7	h8	65.262	65.1	0.308	0.1	8
7040HX	70	75	40	H7	h8	70.262	70.1	0.308	0.1	8
7050HX	70	75	50	H7	h8	70.262	70.1	0.308	0.1	8
7060HX	70	75	60	H7	h8	70.262	70.1	0.308	0.1	8
7065HX	70	75	65	H7	h8	70.262	70.1	0.308	0.1	8
7070HX	70	75	70	H7	h8	70.262	70.1	0.308	0.1	8
7080HX	70	75	80	H7	h8	70.262	70.1	0.308	0.1	8
7540HX	75	80	40	H7	h8	75.262	75.1	0.308	0.1	9.5
7560HX	75	80	60	H7	h8	75.262	75.1	0.308	0.1	9.5
7580HX	75	80	80	H7	h8	75.262	75.1	0.308	0.1	9.5
8040HX	80	85	40	H7	h8	80.267	80.1	0.313	0.1	9.5
8050HX	80	85	50	H7	h8	80.267	80.1	0.313	0.1	9.5
8060HX	80	85	60	H7	h8	80.267	80.1	0.313	0.1	9.5
8080HX	80	85	80	H7	h8	80.267	80.1	0.313	0.1	9.5
80100HX	80	85	100	H7	h8	80.267	80.1	0.313	0.1	9.5
8530HX	85	90	30	H7	h8	85.267	85.1	0.321	0.1	9.5
8540HX	85	90	40	H7	h8	85.267	85.1	0.321	0.1	9.5
8560HX	85	90	60	H7	h8	85.267	85.1	0.321	0.1	9.5
8580HX	85	90	80	H7	h8	85.267	85.1	0.321	0.1	9.5
85100HX	85	90	100	H7	h8	85.267	85.1	0.321	0.1	9.5
9040HX	90	95	40	H7	h8	90.267	90.1	0.321	0.1	9.5
9060HX	90	95	60	H7	h8	90.267	90.1	0.321	0.1	9.5
9080HX	90	95	80	H7	h8	90.267	90.1	0.321	0.1	9.5
9090HX	90	95	90	H7	h8	90.267	90.1	0.321	0.1	9.5
90100HX	90	95	100	H7	h8	90.267	90.1	0.321	0.1	9.5
9560HX	95	100	60	H7	h8	95.267	95.1	0.321	0.1	9.5
95100HX	95	100	100	H7	h8	95.267	95.1	0.321	0.1	9.5
10050HX	100	105	50	H7	h8	100.267	100.1	0.321	0.1	9.5
10060HX	100	105	60	H7	h8	100.267	100.1	0.321	0.1	9.5
10080HX	100	105	80	H7	h8	100.267	100.1	0.321	0.1	9.5
10095HX	100	105	95	H7	h8	100.267	100.1	0.321	0.1	9.5
100115HX	100	105	115	H7	h8	100.267	100.1	0.321	0.1	9.5



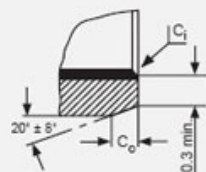
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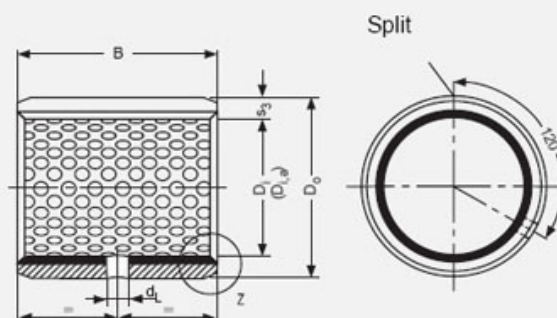
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HX Cylindrical Bush – Inch Size



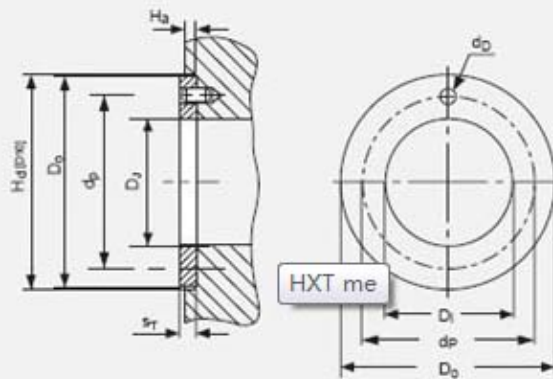
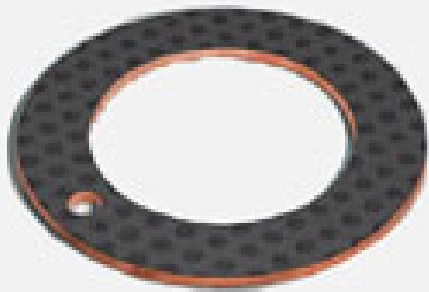
Detail Z



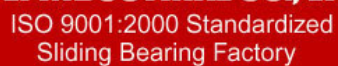
Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
008HX006	1/2	19/32	0.375	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0017	0.0002	5/32
008HX008	1/2	19/32	0.5	0.5	0.499	0.6352	0.6345	0.5038	0.5007	0.0048	0.0002	5/32
010HX010	5/8	23/32	0.625	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
010HX012	5/8	23/32	0.75	0.625	0.624	0.7604	0.7596	0.629	0.6258	0.005	0.0002	5/32
012HX012	3/4	7/8	0.75	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
012HX016	3/4	7/8	1	0.75	0.7488	0.8854	0.8846	0.754	0.7508	0.0052	0.0002	5/32
014HX012	7/8	1	0.75	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
014HX016	7/8	1	1	0.875	0.8738	1.0105	1.0097	0.8791	0.8759	0.0053	0.0002	5/32
016HX012	1	1 1/8	0.75	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
016HX016	1	1 1/8	1	1	0.9988	1.1356	1.1348	1.0042	1.001	0.0054	0.0001	5/16
018HX012	1 1/8	1 9/32	0.75	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
018HX016	1 1/8	1 9/32	1	1.125	1.1238	1.1206	1.2598	1.1292	1.126	0.0054	0.0002	5/16
020HX012	1 1/4	1 13/32	0.75	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
020HX016	1 1/4	1 13/32	1	1.25	1.2484	1.417	1.416	1.255	1.2512	0.0066	0.0002	5/16
022HX016	1 3/8	1 17/32	1	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
022HX024	1 3/8	1 17/32	1.5	1.375	1.3734	1.542	1.541	1.38	1.3762	0.0066	0.0002	5/16
024HX016	1 1/2	1 21/32	1	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024HX024	1 1/2	1 21/32	1.5	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
024HX032	1 1/2	1 21/32	2	1.5	1.4984	1.667	1.666	1.505	1.5012	0.0066	0.0002	5/16
026HX016	1 5/8	1 25/32	1	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026HX024	1 5/8	1 25/32	1.5	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
026HX032	1 5/8	1 25/32	2	1.625	1.6234	1.792	1.791	1.63	1.6262	0.0066	0.0002	5/16
028HX016	1 3/4	1 15/16	1	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028HX024	1 3/4	1 15/16	1.5	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
028HX032	1 3/4	1 15/16	2	1.75	1.7484	1.9381	1.9371	1.7577	1.7515	0.0093	0.0002	5/16
030HX016	1 7/8	2 1/16	1	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030HX024	1 7/8	2 1/16	1.5	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030HX032	1 7/8	2 1/16	1.875	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
030HX036	1 7/8	2 1/16	2.25	1.875	1.8734	2.0633	2.0621	1.8829	1.8765	0.0095	0.0002	5/16
032HX016	2	2 3/16	1	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16

Part No.	Di [inch]	Do [inch]	B (inch)	DJ max. (inch)	DJ min. (inch)	DH max. (inch)	DH min. (inch)	Di,a max (inch)	Di,a min (inch)	Clearance max. (inch)	Clearance min. (inch)	Ø dL [inch]
032HX024	2	2 3/16	1.5	2	1.9982	2.1883	2.1871	2.0079	2.0015	0.0097	0.0002	5/16
040HX024	2 1/2	2 11/16	1.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040HX032	2 1/2	2 11/16	2	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
040HX040	2 1/2	2 11/16	2.5	2.5	2.4982	2.6883	2.6871	2.5079	2.5015	0.0097	0.0002	5/16
048HX024	3	3 3/16	1.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048HX032	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048HX040	3	3 3/16	2.5	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16
048HX048	3	3 3/16	3	3	2.9982	3.1889	3.1875	3.0085	3.0019	0.0103	0.0002	5/16

HX Thrust Washer – Metric Size



Part No.	Di (mm)	Do (mm)	ST (mm)	dD (mm)	dP (mm)	Ha max. (mm)	Ha min. (mm)
WC08HX	10	20	1.58			1.2	0.95
WC10HX	12	24	1.58	1.75	18	1.2	0.95
WC12HX	14	26	1.58	2.25	20	1.2	0.95
WC14HX	16	30	1.58	2.25	22	1.2	0.95
WC16HX	18	32	1.58	2.25	25	1.2	0.95
WC18HX	20	36	1.58	3.25	28	1.2	0.95
WC20HX	22	38	1.58	3.25	30	1.2	0.95
WC22HX	24	42	1.58	3.25	33	1.2	0.95
WC24HX	26	44	1.58	3.25	35	1.2	0.95
WC25HX	28	48	1.58	4.25	38	1.2	0.95
WC30HX	32	54	1.58	4.25	43	1.2	0.95
WC35HX	38	62	1.58	4.25	50	1.2	0.95
WC40HX	42	66	1.58	4.25	54	1.2	0.95
WC45HX	48	74	2.6	4.25	61	1.7	1.45
WC50HX	52	78	2.6	4.25	65	1.7	1.45



■ DU Bearings ■ DU-B Bearings ■ DP4 Bearings ■ DP31 Bearings ■ DH Bearings ■ SS Bearings
■ DX Bearings ■ HX Bearings ■ Bearings for Shock Absorber ■ Door Hinge Bearings

The technical drawing illustrates a shaft-hub assembly. The left side shows a cross-section of the shaft and hub. The shaft has a diameter d_p and a length l_{Hub} . The hub has an inner diameter D_0 and an outer diameter D_2 . The hub is secured with a screw, and the shaft is secured with a pin. The right side shows the end view of the assembly, with dimensions D_0 , d_p , and D_2 indicated. A label 'HXT me' is present in the bottom right corner of the drawing area.

A vertical rod is shown, divided into two sections. The upper section is filled with diagonal hatching, and the lower section is white. At the bottom of the white section, there is a downward-pointing arrow labeled s_0 .

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