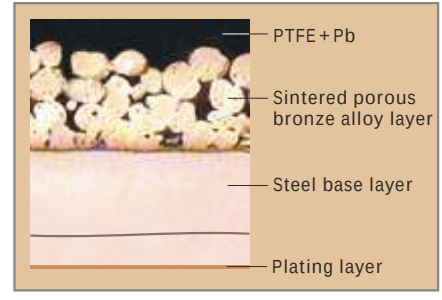
INTRODUCTION OF MATERIAL SRIM 01(SF-1)

It's made of high quality low-carbon steel plate, sintered porous bronze as its interlayer and the compound of PTFE material and Pb as its surface. It offers the property of good self-lubricating, low wear and low friction, it has made full use of the strong points of metals and polymer materials. It is used in printing machines, woven machines, tobacco machines, as well as gymnastic machines etc.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load capacity P	Static load	250 N/mm^2
	Dynamic load	140 N/mm^2
Max line speed V	Dry friction	2.5m/s
	Oil lubrication	5m/s
PV value limit	Dry friction	3.6 N/ mm^2.m/s
	Oil lubrication	50 N/ mm^2.m/s
Friction coef μ	Dry friction	0.08~0.20
	Oil lubrication	0.02~0.07
Working temperature		-200℃~+280℃
Thermal conductivity		40 W/m · k
Coefficient of linear expansion		12×10^{-6}/K

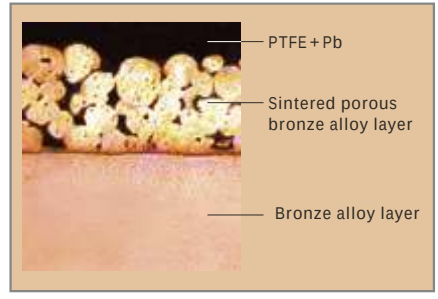


INTRODUCTION OF MATERIAL SRIM 01(SF-1B)

It's based on bronze alloy of a particular formulation with high density, with sintered bronze layer as its interlayer and the compound of PTFE material and Pb as its surface. It offers the property of good self-lubricating, low wear and low friction and has made full use of the strong points of metals and polymer materials. It's used in steel metallurgical industry, such as those used in roller grooves of successive casting machine, cement grout pumps and spiral conveyers for cement, etc.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load Capacity P	Static Load	250 N/mm^2
	Dynamic Load	140 N/mm^2
Max line speed V	Dry Friction	2m/s
	Oil Lubrication	5m/s
PV value limit	Dry Friction	3.6 N/ mm^2.m/s
	Oil Lubrication	50 N/ mm^2.m/s
Friction Coef μ	Dry friction	0.08~0.20
	Oil Lubrication	0.02~0.07
Working temperature		-200°C~+280°C
Thermal Conductivity		60 W/m · k
Coefficient of linear expansion		18×10^{-6}/K

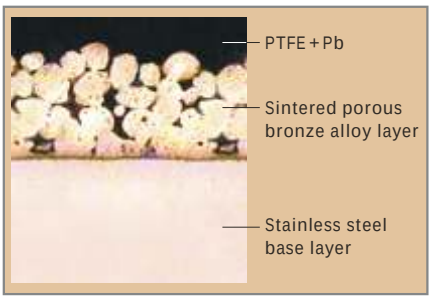


INTRODUCTION OF MATERIAL SRIM 01(SF-1S)

The material of this product is based on stainless steel base with sintered bronze layer as its interlayer and the compound of PTFE material and Pb as its surface. It can be used in the middle-acid & alkali and anti-corrosive parts of printing machines & oceanic industries.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load capacity P	Static load	250 N/mm^2
	Dynamic load	140 N/mm^2
Max line speed V	Dry friction	2 m/s
	Oil lubrication	5 m/s
PV value limit	Dry friction	3.6 N/ mm^2.m/s
	Oil lubrication	50 N/ mm^2.m/s
Friction coef μ	Dry friction	0.08~0.20
	Oil lubrication	0.02~0.07
Working temperature		-200°C ~ +280°C
Thermal conductivity		50 W/m · k
Coefficient of linear expansion		16×10^{-6} /K

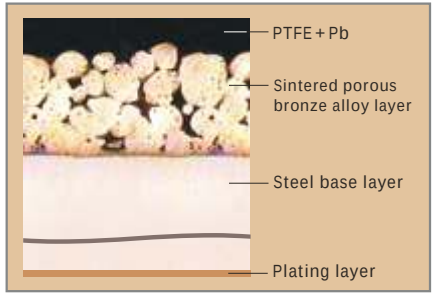


INTRODUCTION OF MATERIAL SRIM 01(SF-1T)

This material is specially applied for the high PV value of hydraulic oil pump. It is with low coefficient of friction and good wear-resistance. It can be used in the semi-dry environment. It is mainly applied in the middle, high pressure gear pump, ram pumps as well as vane pumps and so on.

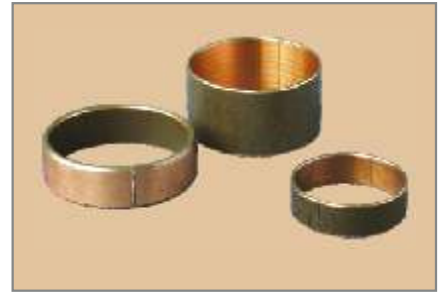
PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load Capacity P	Static Load	250 N/mm^2
	Dynamic Load	140 N/mm^2
Max line speed V	Dry Friction	2 m/s
	Oil Lubrication	10 m/s
PV value limit	Dry Friction	3.8 N/ mm^2.m/s
	Oil Lubrication	60 N/ mm^2.m/s
Friction Coef μ	Dry friction	0.08～0.20
	Oil Lubrication	0.01～0.05
Working temperature		-200°C～+280°C
Thermal Conductivity		40 W/m · k
Coefficient of linear expansion		12×10^{-6}/K



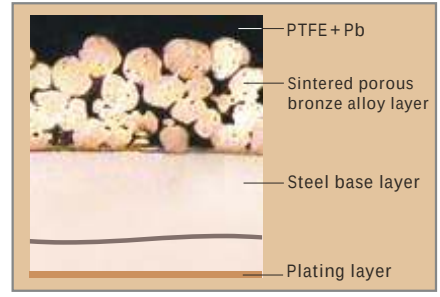
INTRODUCTION OF MATERIAL SRIM 01(SF-1P)

This material is specially designed according to the shock absorber' workmanship condition of reciprocating motion and lateral force. It is with low coefficient of friction and good wear-resistance and can be used in the semi-dry environment. It is mainly applied in the shock absorbers of automobiles & motorcycles, hydraulic and pneumatic cylinder etc.



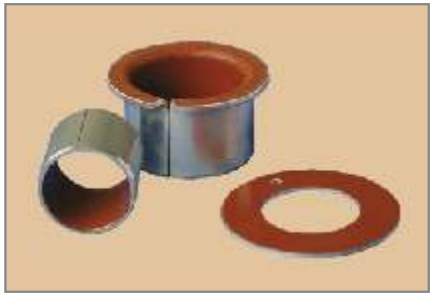
PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load capacity P	Static load	250 N/mm^2
	Dynamic load	140 N/mm^2
Max line speed V	Dry friction	2 m/s
	Oil lubrication	5 m/s
PV value limit	Dry friction	3.8 N/ mm^2.m/s
	Oil lubrication	60 N/ mm^2.m/s
Friction coef μ	Dry friction	0.08 ~ 0.20
	Oil lubrication	0.01 ~ 0.05
Working temperature		-200°C ~ +280°C
Thermal conductivity		40 W/m · k
Coefficient of linear expansion		12×10^{-6} /K



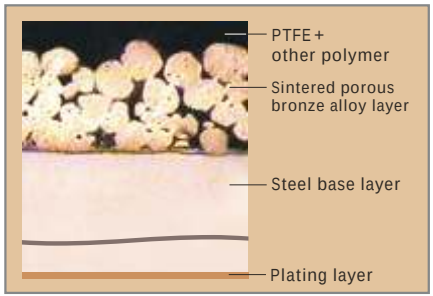
INTRODUCTION OF MATERIAL SRIM 015

The material of this product is based on stainless steel strip with sintered bronze layer as its interlayer and the compound of PTFE and other polymer as its surface. Due to without Pb, it mades the lubricating condition cleaner and meets the environment-protection requirements.



PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load Capacity P	Static Load	250 N/mm^2
	Dynamic Load	140 N/mm^2
Max line speed V	Dry Friction	2 m/s
	Oil Lubrication	5 m/s
PV value limit	Dry Friction	3.6 N/ mm^2.m/s
	Oil Lubrication	50 N/ mm^2.m/s
Friction Coef μ	Dry friction	0.08～0.22
	Oil Lubrication	0.02～0.07
Working temperature		-200°C～+280°C
Thermal Conductivity		40 W/m · k
Coefficient of linear expansion		12×10^{-6} /K

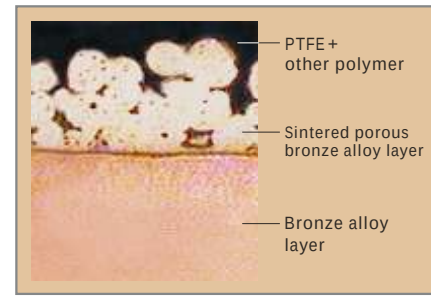


INTRODUCTION OF MATERIAL SRIM 016

The material of this product is based on bronze plate with sintered bronze layer as its interlayer and the compound of PTFE and other polymer as its surface. Due to without Pb, it mades the lubricating condition cleaner and meets the environment-protection requirements.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load capacity P	Static load	250 N/mm^2
	Dynamic load	140 N/mm^2
Max line speed V	Dry friction	2 m/s
	Oil lubrication	5 m/s
PV value limit	Dry friction	3.6 N/ mm^2.m/s
	Oil lubrication	50 N/ mm^2.m/s
Friction coef μ	Dry friction	0.08～0.22
	Oil lubrication	0.02～0.07
Working temperature		-200°C～+280°C
Thermal conductivity		60 W/m · k
Coefficient of linear expansion		18×10^{-6} /K

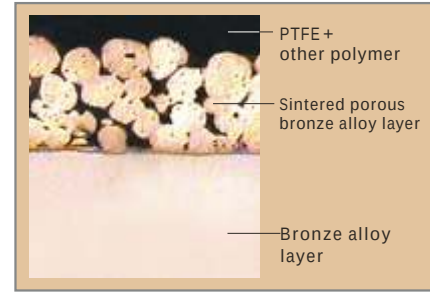


INTRODUCTION OF MATERIAL SRIM 017

The material of this product is based on stainless steel strip with sintered bronze layer as its interlayer and the compound of PTFE and other polymer as its surface. Due to without Pb, it mades the lubricating condition cleaner and meets the environment-protection requirements.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load Capacity P	Static Load	250 N/mm^2
	Dynamic Load	140 N/mm^2
Max line speed V	Dry Friction	2 m/s
	Oil Lubrication	5 m/s
PV value limit	Dry Friction	3.6 N/ mm^2.m/s
	Oil Lubrication	50 N/ mm^2.m/s
Friction Coef μ	Dry friction	0.08~0.22
	Oil Lubrication	0.02~0.07
Working temperature		-200°C ~ +280°C
Thermal Conductivity		50 W/m · k
Coefficient of linear expansion		16×10^{-6} /K

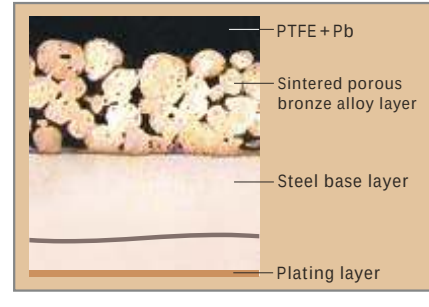


INTRODUCTION OF MATERIAL SRIM 018

This material is specially applied in the high PV value of hydraulic pressure oil pump. It is with low coefficient of friction and good wear-resistance. It can be used in the semi-dry environment. It is mainly applied in the middle, high pressure gear pump, ram pumps as well as vane pumps and so on. Due to without Pb, it mades the lubricating condition cleaner and meets the environment-protection requirements.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load capacity P	Static load	250 N/mm^2
	Dynamic load	140 N/mm^2
Max line speed V	Dry friction	2 m/s
	Oil lubrication	10 m/s
PV value limit	Dry friction	3.8 N/ mm^2.m/s
	Oil lubrication	60 N/ mm^2.m/s
Friction coef μ	Dry friction	0.08~0.20
	Oil lubrication	0.02~0.06
Working temperature		-200°C~ +280°C
Thermal conductivity		40 W/m · k
Coefficient of linear expansion		12×10^{-6} /K

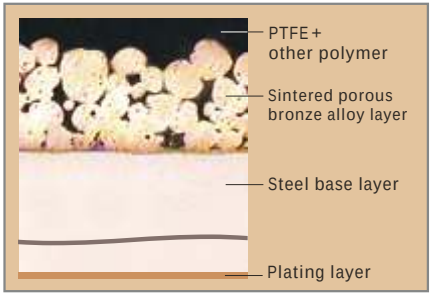


INTRODUCTION OF MATERIAL SRIM 019

This material is specially designed according to the shock absorber' workmanship condition of the reciprocating motion and lateral force. It is with low coefficient of friction and good wear-resistance and can be used in the semi-dry environment. It is mainly applied in the shock absorbers of automobiles & motorcycles, hydraulic and pneumatic cylinder etc. Due to without Pb, it mades the lubricating condition cleaner and meets the environment-protection requirements.

PHYSICAL AND MECHANICAL PROPERTY

Performance index		Data
Load capacity P	Static load	250 N/mm^2
	Dynamic load	140 N/mm^2
Max line speed V	Dry friction	2 m/s
	Oil lubrication	5 m/s
PV value limit	Dry friction	3.6 N/ mm^2.m/s
	Oil lubrication	60 N/ mm^2.m/s
Friction coef μ	Dry friction	0.08~0.20
	Oil lubrication	0.01~0.05
Working temperature		-200°C ~ +280°C
Thermal conductivity		40 W/m · k
Coefficient of linear expansion		12×10^{-6} /K

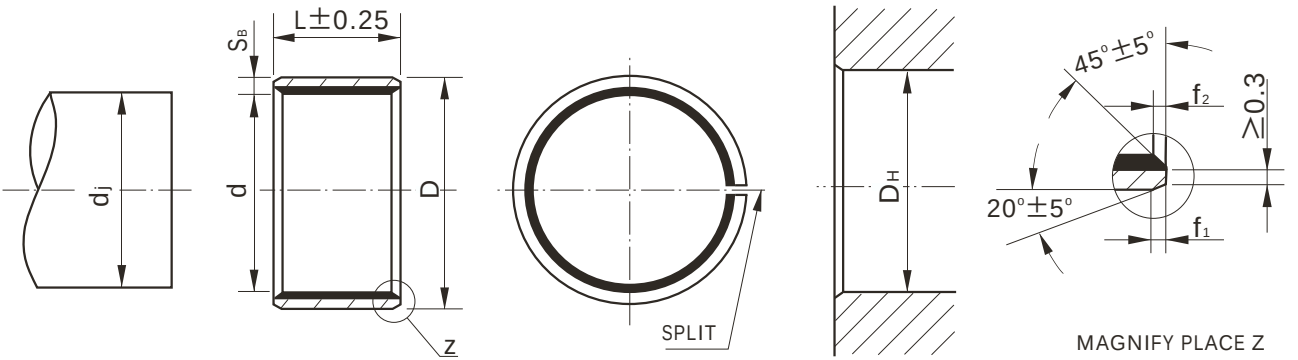


BUSHING O.D. AND SUITABLE SHAFT, HOUSING BORE TOLERANCES TABLE

BASIC DIMENSION	O.D. DIMENSION	SUITABLE HOUSING BORE ΦD_H	SUITABLE SHAFT Φd_j
~3	——	——	0 -0.006
3~6	+0.055 +0.025	+0.008 0	0 -0.008
6~10		+0.015 0	-0.013 -0.028
10~18	+0.065 +0.030	+0.018 0	-0.016 -0.034
18~30	+0.075 +0.035	+0.021 0	-0.020 -0.041
30~50	+0.085 +0.045	+0.025 0	-0.025 -0.050
50~75	+0.100 +0.055	+0.030 0	-0.030 -0.060
75~80			0 -0.046
80~120	+0.120 +0.070	+0.035 0	0 -0.054
120~180	+0.170 +0.100	+0.040 0	0 -0.063
180~250	+0.210 +0.130	+0.046 0	0 -0.072
250~315	+0.260 +0.170	+0.052 0	0 -0.081

WALL THICKNESS TOLERANCES AND INSIDE, OUTSIDE CHAMFER TABLE

BASIC DIMENSION Φd	WALL THICKNESS TOLERANCES S_B	CHAMFER DIMENSION	
		f1	f2
~2	$0.75^{+0.005}_{-0.025}$	Max.0.3	Max.0.3
2~4	$0.75^{0}_{-0.02}$		
4~20	$1^{+0.005}_{-0.020}$	0.6±0.4	Max.0.4
20~25	$1.5^{+0.005}_{-0.025}$	0.6±0.4	0.4±0.3
25~40	$2^{+0.005}_{-0.030}$	1.2±0.4	0.4±0.3
40~75	$2.5^{+0.005}_{-0.040}$		
75~110	$2.5^{-0.010}_{-0.060}$	1.8±0.6	0.6±0.4
110~300	$2.5^{-0.035}_{-0.085}$		



Unit:mm

DESIGNATION	Φd	ΦD	L
SRIM 01□ 0203	2	3.5	3
SRIM 01□ 0205			5
SRIM 01□ 0303	3	4.5	3
SRIM 01□ 0305			5
SRIM 01□ 0306			6
SRIM 01□ 0403	4	5.5	3
SRIM 01□ 0404			4
SRIM 01□ 0406			6
SRIM 01□ 0410			10
SRIM 01□ 0505	5	7	5
SRIM 01□ 0508			8
SRIM 01□ 0510			10
SRIM 01□ 0604	6	8	4
SRIM 01□ 0606			6
SRIM 01□ 0608			8
SRIM 01□ 0610			10
SRIM 01□ 0710	7	9	10
SRIM 01□ 0806	8	10	6
SRIM 01□ 0808			8
SRIM 01□ 0810			10
SRIM 01□ 0812			12
SRIM 01□ 1008	10	12	8
SRIM 01□ 1010			10
SRIM 01□ 1012			12
SRIM 01□ 1015			15
SRIM 01□ 1020			20
SRIM 01□ 1208	12	14	8
SRIM 01□ 1210			10
SRIM 01□ 1212			12
SRIM 01□ 1215			15
SRIM 01□ 1220			20
SRIM 01□ 1225			25
SRIM 01□ 1310	13	15	10
SRIM 01□ 1320			20
SRIM 01□ 1405	14	16	5

DESIGNATION	Φd	ΦD	L
SRIM 01□ 1410	14	16	10
SRIM 01□ 1412			12
SRIM 01□ 1415			15
SRIM 01□ 1420			20
SRIM 01□ 1425			25
SRIM 01□ 1510	15	17	10
SRIM 01□ 1512			12
SRIM 01□ 1515			15
SRIM 01□ 1520			20
SRIM 01□ 1525			25
SRIM 01□ 1610	16	18	10
SRIM 01□ 1612			12
SRIM 01□ 1615			15
SRIM 01□ 1620			20
SRIM 01□ 1625			25
SRIM 01□ 1712	17	19	12
SRIM 01□ 1720			20
SRIM 01□ 1810	18	20	10
SRIM 01□ 1815			15
SRIM 01□ 1820			20
SRIM 01□ 1825			25
SRIM 01□ 2010	20	23	10
SRIM 01□ 2015			15
SRIM 01□ 2020			20
SRIM 01□ 2025			25
SRIM 01□ 2030			30
SRIM 01□ 2215	22	25	15
SRIM 01□ 2220			20
SRIM 01□ 2225			25
SRIM 01□ 2230			30
SRIM 01□ 2415	24	27	15
SRIM 01□ 2420			20
SRIM 01□ 2425			25
SRIM 01□ 2430			30
SRIM 01□ 2515	25	28	15

DESIGNATION	Φd	ΦD	L
SRIM 01□ 2520	25	28	20
SRIM 01□ 2525			25
SRIM 01□ 2530			30
SRIM 01□ 2540			40
SRIM 01□ 2550			50
SRIM 01□ 2815	28	32	15
SRIM 01□ 2820			20
SRIM 01□ 2825			25
SRIM 01□ 2830			30
SRIM 01□ 3010	30	34	10
SRIM 01□ 3015			15
SRIM 01□ 3020			20
SRIM 01□ 3025			25
SRIM 01□ 3030			30
SRIM 01□ 3040			40
SRIM 01□ 3220	32	36	20
SRIM 01□ 3230			30
SRIM 01□ 3240			40
SRIM 01□ 3520	35	39	20
SRIM 01□ 3530			30
SRIM 01□ 3535			35
SRIM 01□ 3540			40
SRIM 01□ 3550			50
SRIM 01□ 3720	37	41	20
SRIM 01□ 4020	40	44	20
SRIM 01□ 4030			30
SRIM 01□ 4040			40
SRIM 01□ 4050			50
SRIM 01□ 4520	45	50	20
SRIM 01□ 4530			30
SRIM 01□ 4540			40
SRIM 01□ 4545			45
SRIM 01□ 4550			50
SRIM 01□ 5020	50	55	20
SRIM 01□ 5030			30
SRIM 01□ 5040			40
SRIM 01□ 5050			50
SRIM 01□ 5060			60
SRIM 01□ 5520	55	60	20
SRIM 01□ 5525			25
SRIM 01□ 5530			30
SRIM 01□ 5540			40
SRIM 01□ 5550			50
SRIM 01□ 5555			55
SRIM 01□ 5560			60
SRIM 01□ 6020	60	65	20
SRIM 01□ 6030			30
SRIM 01□ 6040			40
SRIM 01□ 6050			50
SRIM 01□ 6060			60
SRIM 01□ 6070			70
SRIM 01□ 6530	65	70	30

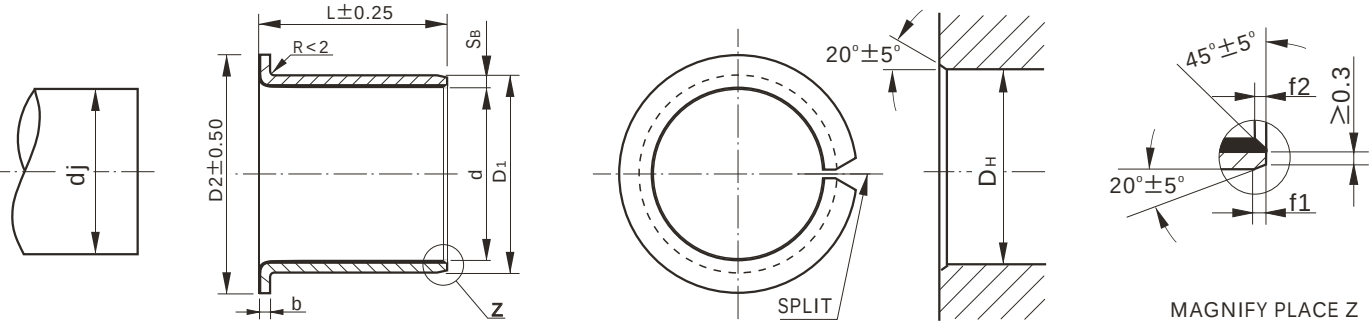
DESIGNATION	Φd	ΦD	L
COB 01□ 6550	65	70	50
SRIM 01□ 6570			70
SRIM 01□ 7040	70	75	40
SRIM 01□ 7050			50
SRIM 01□ 7070			70
SRIM 01□ 7550	75	80	50
SRIM 01□ 7560			60
SRIM 01□ 7580			80
SRIM 01□ 8060	80	85	60
SRIM 01□ 80100			100
SRIM 01□ 8530	85	90	30
SRIM 01□ 8560			60
SRIM 01□ 85100			100
SRIM 01□ 9060	90	95	60
SRIM 01□ 90100			100
SRIM 01□ 9560	95	100	60
SRIM 01□ 95100			100
SRIM 01□ 10050	100	105	50
SRIM 01□ 10060			60
SRIM 01□ 100115			115
SRIM 01□ 10560	105	110	60
SRIM 01□ 105115			115
SRIM 01□ 11060	110	115	60
SRIM 01□ 110115			115
SRIM 01□ 11550	115	120	50
SRIM 01□ 11570			70
SRIM 01□ 12050	120	125	50
SRIM 01□ 12060			60
SRIM 01□ 120100			100
SRIM 01□ 120120			120
SRIM 01□ 125100	125	130	100
SRIM 01□ 13060	130	135	60
SRIM 01□ 130100			100
SRIM 01□ 13560	135	140	60
SRIM 01□ 13580			80
SRIM 01□ 14060	140	145	60
SRIM 01□ 140100			100
SRIM 01□ 140120			120
SRIM 01□ 15060	150	155	60
SRIM 01□ 15080			80
SRIM 01□ 150100			100
SRIM 01□ 16080	160	165	80
SRIM 01□ 160100			100
SRIM 01□ 18080	180	185	80
SRIM 01□ 180100			100
SRIM 01□ 200100	200	205	100
SRIM 01□ 210100	210	215	100
SRIM 01□ 220100	220	225	100
SRIM 01□ 250100	250	255	100
SRIM 01□ 28080	280	285	80
SRIM 01□ 300100	300	305	100

BUSHING O.D. AND SUITABLE SHAFT, HOUSING BORE TOLERANCES TABLE

BASIC DIMENSION	O.D. DIMENSION	SUITABLE HOUSING BORE ΦD_H	SUITABLE SHAFT Φd_j
~3	——	——	0 -0.006
3~6	+0.055 +0.025	+0.008 0	0 -0.008
6~10		+0.015 0	-0.013 -0.028
10~18	+0.065 +0.030	+0.018 0	-0.016 -0.034
18~30	+0.075 +0.035	+0.021 0	-0.020 -0.041
30~50	+0.085 +0.045	+0.025 0	-0.025 -0.050

WALL THICKNESS TOLERANCES AND INSIDE ,OUTSIDE CHAMFER TABLE

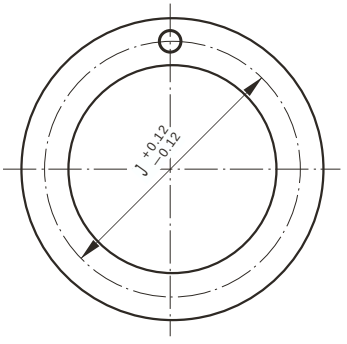
BASIC DIMENSION Φd	WALL THICKNESS TOLERANCES		CHAMFER DIMENSION	
	S_B	b	f1	f2
~4	$0.8\ ^{0}_{-0.025}$	$0.8\ ^{+0.15}_{-0.15}$	Max.0.3	Max.0.3
4~18	$1\ ^{+0.005}_{-0.020}$	$1\ ^{+0.05}_{-0.05}$	0.6±0.4	Max.0.4
18~25	$1.5\ ^{+0.005}_{-0.020}$	$1.5\ ^{+0.1}_{-0.1}$	0.6±0.4	0.4±0.3
25~40	$2\ ^{+0.005}_{-0.030}$	$2\ ^{+0.1}_{-0.1}$	1.2±0.4	0.4±0.3
40~45	$2.5\ ^{+0.005}_{-0.040}$	$2.5\ ^{+0.1}_{-0.1}$	1.8±0.6	0.6±0.4

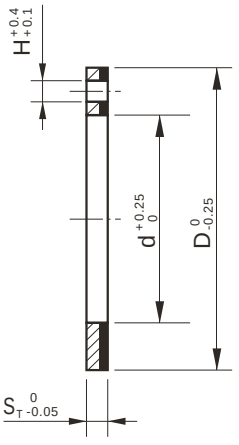


Unit:mm

DESIGNATION	Φd	ΦD1	ΦD2	L
SRIM 01□F 0304	3	4.6	7	4
SRIM 01□F 0405	4	5.6	9	5
SRIM 01□F 0505	5	7	10	5
SRIM 01□F 0604				4
SRIM 01□F 0607	6	8	12	7
SRIM 01□F 0608				8
SRIM 01□F 0805.5				5.5
SRIM 01□F 0806				6
SRIM 01□F 0807.5	8	10	15	7.5
SRIM 01□F 0808				8
SRIM 01□F 0809.5				9.5
SRIM 01□F 0810				10
SRIM 01□F 1007				7
SRIM 01□F 1009	10	12	18	9
SRIM 01□F 1012				12
SRIM 01□F 1017				17
SRIM 01□F 1207				7
SRIM 01□F 1209				9
SRIM 01□F 1212	12	14	20	12
SRIM 01□F 1215				15
SRIM 01□F 1217				17
SRIM 01□F 1412	14	16	22	12
SRIM 01□F 1417				17
SRIM 01□F 1509				9
SRIM 01□F 1512	15	17	23	12
SRIM 01□F 1517				17

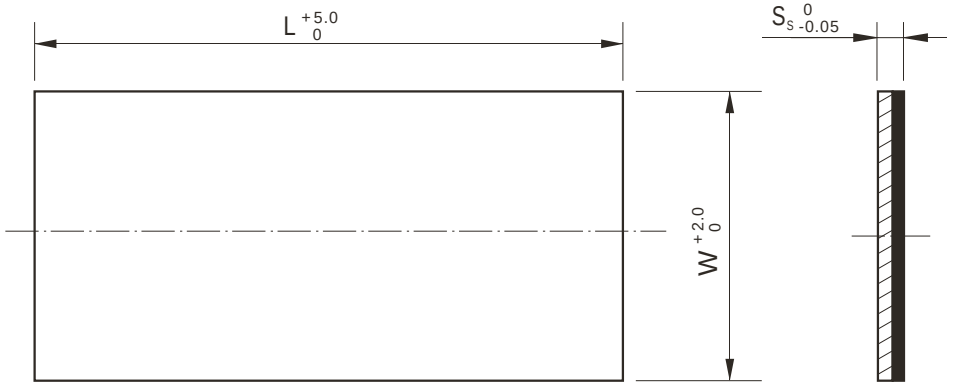
DESIGNATION	Φd	ΦD1	ΦD2	L
SRIM 01□F 1612	16	18	24	12
SRIM 01□F 1617				17
SRIM 01□F 1812				12
SRIM 01□F 1817	18	20	26	17
SRIM 01□F 1822				22
SRIM 01□F 2011.5				11.5
SRIM 01□F 2012				12
SRIM 01□F 2015				15
SRIM 01□F 2016.5	20	23	30	16.5
SRIM 01□F 2017				17
SRIM 01□F 2021.5				21.5
SRIM 01□F 2022				22
SRIM 01□F 2511.5				11.5
SRIM 01□F 2512				12
SRIM 01□F 2516.5	25	28	35	16.5
SRIM 01□F 2517				17
SRIM 01□F 2521.5				21.5
SRIM 01□F 2522				22
SRIM 01□F 3016	30	34	42	16
SRIM 01□F 3026				26
SRIM 01□F 3516	35	39	47	16
SRIM 01□F 3526				26
SRIM 01□F 4016	40	44	53	16
SRIM 01□F 4026				26
SRIM 01□F 4516	45	50	58	16
SRIM 01□F 4526				26





Unit:mm

DESIGNATION	Φd +0.25 0	ΦD 0 -0.25	S T 0 -0.05	J +0.12 −0.12	H +0.4 +0.1
SRIM 01□ W 10	10	20		15	1.5
SRIM 01□ W 12	12	24		18	
SRIM 01□ W 14	14	26		20	
SRIM 01□ W 16	16	30		22	2
SRIM 01□ W 18	18	32	1.5	25	
SRIM 01□ W 20	20	36		28	
SRIM 01□ W 22	22	38		30	3
SRIM 01□ W 26	26	44		35	
SRIM 01□ W 28	28	48		38	
SRIM 01□ W 32	32	54		43	
SRIM 01□ W 38	38	62		50	4
SRIM 01□ W 42	42	66		54	
SRIM 01□ W 48	48	74		61	
SRIM 01□ W 52	52	78	2	65	
SRIM 01□ W 62	62	90		76	



Unit:mm

DESIGNATION	L +5.0 0	W +2.0 0	S 0 S -0.05
SRIM 01□ P 075125	500	125	0.75
SRIM 01□ P 100125			1
SRIM 01□ P 150125			1.5
SRIM 01□ P 200125			2
SRIM 01□ P 250125			2.5
SRIM 01□ P 300125			3

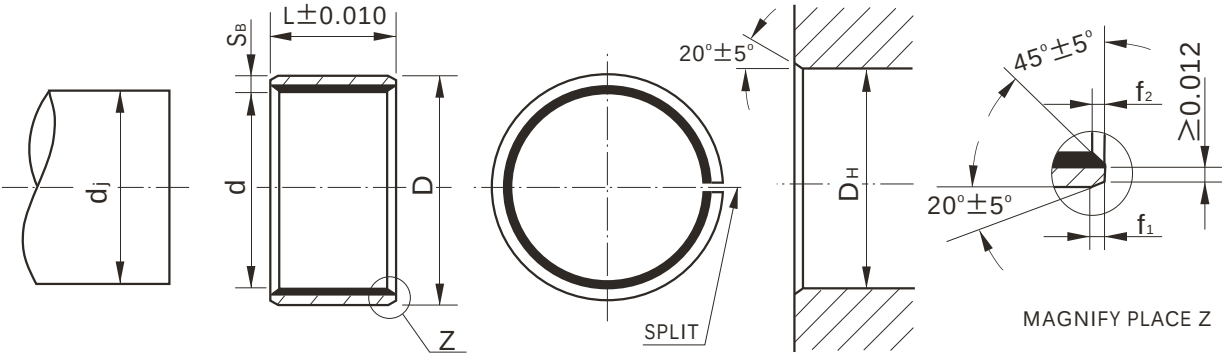
SUITABLE SHAFT, HOUSING BORE TOLERANCE TABLE

BASIC DIMENSION Φd	SUITABLE HOUSING BORE ΦDH	SUITABLE SHAFT Φd_j
1/8	0.1873 0.1878	0.1243 0.1236
5/32	0.2186 0.2191	0.1554 0.1547
3/16	0.2497 0.2503	0.1865 0.1858
1/4	0.3122 0.3128	0.2490 0.2481
5/16	0.3747 0.3753	0.3115 0.3106
3/8	0.4684 0.4691	0.3740 0.3731
7/16	0.5309 0.5316	0.4365 0.4355
1/2	0.5934 0.5941	0.4990 0.4980
9/16	0.6559 0.6566	0.5615 0.5605
5/8	0.7184 0.7192	0.6240 0.6230
11/16	0.7809 0.7817	0.6865 0.6855
3/4	0.8747 0.8755	0.7491 0.7479
13/16	0.9372 0.9380	0.8116 0.8104
7/8	0.9997 1.0005	0.8741 0.8729
1	1.1246 1.1256	0.9991 0.9979
1 1/8	1.2808 1.2818	1.1238 1.1226
1 1/4	1.4058 1.4068	1.2488 1.2472
1 3/8	1.5308 1.5318	1.3738 1.3722
1 1/2	1.6558 1.6568	1.4988 1.4972
1 5/8	1.7808 1.7818	1.6238 1.6222
1 3/4	1.9371 1.9381	1.7487 1.7471
1 7/8	2.0621 2.0633	1.8737 1.8721
2	2.1871 2.1883	1.9987 1.9969
2 1/8	2.3118 2.3130	2.1257 2.1239

BASIC DIMENSION Φd	SUITABLE HOUSING BORE ΦDH	SUITABLE SHAFT Φd_j
2 1/4	2.4365 2.4377	2.2507 2.2489
2 1/2	2.6869 2.6881	2.5011 2.4993
2 3/4	2.9358 2.9370	2.7500 2.7482
2 7/8	3.0610 3.0623	2.8752 2.8734
3	3.1858 3.1872	3.0000 2.9982
3 1/4	3.4358 3.4372	3.2500 3.2480
3 1/2	3.6858 3.6872	3.5000 3.4978
3 5/8	3.8108 3.8122	3.6250 3.6228
3 3/4	3.9358 3.9372	3.7500 3.7478
4	4.1858 4.1872	4.0000 3.9978
4 1/4	4.4358 4.4372	4.2500 4.2478
4 3/8	4.5608 4.5622	4.3750 4.3728
4 1/2	4.6858 4.6872	4.5000 4.4978
4 3/4	4.9358 4.9374	4.7500 4.7475
5	5.1844 5.1860	4.9986 4.9961
5 1/4	5.4358 5.4374	5.2500 5.2475
5 1/5	5.6858 5.6874	6.0000 5.9975
5 3/4	5.9358 5.9374	5.5000 5.4975
6	6.1858 6.1874	6.2500 6.2475
6 1/4	6.4358 6.4374	5.7500 5.7475
6 1/2	6.6858 6.6874	6.5000 6.4975
6 3/4	6.9358 6.9374	6.7500 6.7475
7	7.1812 7.1830	6.9954 6.9929

WALL THICKNESS TOLERANCES AND INSIDE, OUTSIDE CHAMFER TABLE

BASIC DIMENSION Φd	WALL THICKNESS TOLEANCES S_B	CHAMFER DIMENSION	
		f1	f2
5/16	0.0315 0.0305	Max.0.0118	Max.0.0118
5/16 ~ 11/16	0.0471 0.0461	0.0394 0.0079	Max.0.0157
11/16 ~ 1	0.0627 0.0615	0.0394 0.0079	0.0079 0.0039
1 ~ 1 5/8	0.0784 0.0770	0.0630 0.0315	0.0276 0.0039
1 5/8 ~ 2	0.0941 0.0923	0.0945 0.0472	0.0394 0.0079
2 ~ 7	0.0928 0.0902		



Unit:inch

DESIGNATION	Φd	ΦD	L
SRIM 01□ 02Y02	1/8	3/16	1/8
SRIM 01□ 02Y03			3/16
SRIM 01□ 025Y025	5/32	7/32	5/32
SRIM 01 □025Y04			1/4
SRIM 01□ 03Y03			3/16
SRIM 01□ 03Y04	3/16	1/4	1/4
SRIM 01□ 03Y06			3/8
SRIM 01□ 04Y04	1/4	5/16	1/4
SRIM 01□ 04Y06			3/8
SRIM 01□ 05Y06	5/16	5/8	3/8
SRIM 01□ 05Y08			1/2
SRIM 01□ 06Y03			3/16
SRIM 01□ 06Y04			1/4
SRIM 01□ 06Y06	3/8	15/32	3/8
SRIM 01□ 06Y08			1/2
SRIM 01□ 06Y10			5/8
SRIM 01□ 06Y12			3/4
SRIM 01□ 07Y08	7/16	19/32	1/2
SRIM 01□ 07Y12			3/4
SRIM 01□ 08Y04			1/4
SRIM 01□ 08Y06			3/8
SRIM 01□ 08Y08	1/2	21/32	1/2
SRIM 01□ 08Y10			5/8
SRIM 01□ 08Y12			3/4
SRIM 01□ 08Y14			7/8
SRIM 01□ 09Y06			3/8
SRIM 01□ 09Y08	9/16	21/32	1/2
SRIM 01□ 09Y10			5/8
SRIM 01□ 09Y12			3/4
SRIM 01□ 10Y04	5/8	23/32	1/4
SRIM 01□ 10Y08			1/2

DESIGNATION	Φd	ΦD	L
SRIM01□ 10Y10			5/8
SRIM 01□ 10Y12	5/8	23/32	3/4
SRIM 01□ 10Y14			7/8
SRIM 01□ 10Y16			1
SRIM 01□ 11Y14	11/16	25/32	7/8
SRIM 01□ 12Y04			1/4
SRIM 01□ 12Y06			3/8
SRIM 01□ 12Y08	3/4	7/8	1/2
SRIM 01□ 12Y10			5/8
SRIM 01□ 12Y12			3/4
SRIM 01□ 12Y16			1
SRIM 01□ 13Y12	13/16	15/16	3/4
SRIM 01□ 13Y18			1/8
SRIM 01□ 14Y04			1/4
SRIM 01□ 14Y06			3/8
SRIM 01□ 14Y12	7/8	1	3/4
SRIM 01□ 14Y14			7/8
SRIM 01□ 14Y16			1
SRIM 01□ 14Y20			1 1/4
SRIM 01□ 16Y06			3/8
SRIM 01□ 16Y08			1/2
SRIM 01□ 16Y12	1	1 1/8	3/4
SRIM 01□ 16Y16			1
SRIM 01□ 16Y20			1 1/4
SRIM 01□ 16Y24			1 1/2
SRIM 01□ 18Y06			3/8
SRIM 01□ 18Y10	1 1/8	1 9/32	5/8
SRIM 01□ 18Y12			3/4
SRIM 01□ 18Y16			1
SRIM 01□ 20Y06	1 1/4	1 13/32	3/8
SRIM 01□ 20Y12			3/4

DESIGNATION	Φd	ΦD	L
SRIM 01□ 20Y14			7/8
SRIM 01□ 20Y16	1 1/4	1 13/32	1
SRIM 01□ 20Y20			1 1/4
SRIM 01□ 20Y28			1 3/4
SRIM 01□ 22Y12			3/4
SRIM 01□ 22Y16			1
SRIM 01□ 22Y22	1 3/8	1 17/32	1 3/8
SRIM 01□ 22Y24			1 1/2
SRIM 01□ 22Y28			1 3/4
SRIM 01□ 24Y08			1/2
SRIM 01□ 24Y16			1
SRIM 01□ 24Y18	1 1/2	1 21/32	1 1/8
SRIM 01□ 24Y20			1 1/4
SRIM 01□ 24Y24			1 1/2
SRIM 01□ 24Y32			2
SRIM 01□ 26Y16	1 5/8	1 25/32	1
SRIM 01□ 26Y24			1 1/2
SRIM 01□ 28Y16			1
SRIM 01□ 28Y24	1 3/4	1 15/16	1 1/2
SRIM 01□ 28Y28			1 3/4
SRIM 01□ 28Y32			2
SRIM 01□ 30Y12			3/4
SRIM 01□ 30Y16	1 7/8	2 1/16	1
SRIM 01□ 30Y30			1 7/8
SRIM 01□ 30Y36			2 1/4
SRIM 01□ 32Y08			1/2
SRIM 01□ 32Y16			1
SRIM 01□ 32Y24	2	2 3/16	1 1/2
SRIM 01□ 32Y28			1 3/4
SRIM 01□ 32Y32			2
SRIM 01□ 32Y40			2 1/2
SRIM 01□ 34Y48	2 1/8	2 5/16	3
SRIM 01□ 36Y28			1 3/4
SRIM 01□ 36Y32			
SRIM 01□ 36Y40			2 1/2
SRIM 01□ 36Y48	2 1/4	2 7/16	3
SRIM 01□ 36Y56			3 1/2
SRIM 01□ 36Y60			3 3/4
SRIM 01□ 36Y64			4
SRIM 01□ 36Y72			4 1/4
SRIM 01□ 40Y16			1
SRIM 01□ 40Y26	2 1/2	2 11/16	1 5/8
SRIM 01□ 40Y32			2
SRIM 01□ 40Y40			2 1/2

DESIGNATION	Φd	ΦD	L
SRIM 01□ 40Y48			3
SRIM 01□ 40Y56			3 1/2
SRIM 01□ 40Y60	2 1/2	2 11/16	3 3/4
SRIM 01□ 40Y64			4
SRIM 01□ 40Y72			4 1/2
SRIM 01□ 40Y76			4 3/4
SRIM 01□ 44Y32			2
SRIM 01□ 44Y36			2 1/4
SRIM 01□ 44Y40			2 1/2
SRIM 01□ 44Y48			3
SRIM 01□ 44Y56	2 3/4	2 15/16	3 1/2
SRIM 01□ 44Y60			3 3/4
SRIM 01□ 44Y64			4
SRIM 01□ 44Y72			4 1/2
SRIM 01□ 44Y76			4 3/4
SRIM 01□ 44Y80			5
SRIM 01□ 46Y32			2
SRIM 01□ 46Y36			2 1/4
SRIM 01□ 46Y40			2 1/2
SRIM 01□ 46Y48			3
SRIM 01□ 46Y56	2 7/8	3 1/16	3 1/2
SRIM 01□ 46Y60			3 3/4
SRIM 01□ 46Y64			4
SRIM 01□ 46Y72			4 1/2
SRIM 01□ 46Y76			4 3/4
SRIM 01□ 46Y80			5
SRIM 01□ 48Y32			2
SRIM 01□ 48Y36			2 1/4
SRIM 01□ 48Y40			2 1/2
SRIM 01□ 48Y48			3
SRIM 01□ 48Y56	3	3 3/16	3 1/2
SRIM 01□ 48Y60			3 3/4
SRIM 01□ 48Y64			4
SRIM 01□ 48Y72			4 1/2
SRIM 01□ 48Y76			4 3/4
SRIM 01□ 48Y80			5
SRIM 01□ 52Y32			2
SRIM 01□ 52Y38			2 3/8
SRIM 01□ 52Y40			2 1/2
SRIM 01□ 52Y48	3 1/4	3 7/16	3
SRIM 01□ 52Y56			3 1/2
SRIM 01□ 52Y60			3 3/4
SRIM 01□ 52Y64			4
SRIM 01□ 52Y72			4 1/2

DESIGNATION	Φd	ΦD	L
SRIM 01□ 52Y76	3 1/4	3 7/16	4 3/4
SRIM 01□ 52Y80			5
SRIM 01□ 56Y32	3 1/2	3 11/16	2
SRIM 01□ 56Y38			2 3/8
SRIM 01□ 56Y40			2 1/2
SRIM 01□ 56Y48			3
SRIM 01□ 56Y56			3 1/2
SRIM 01□ 56Y60			3 3/4
SRIM 01□ 56Y64			4
SRIM 01□ 56Y72			4 1/2
SRIM 01□ 56Y76			4 3/4
SRIM 01□ 56Y80			5
SRIM 01□ 58Y32	3 5/8	3 13/16	2
SRIM 01□ 58Y36			2 1/4
SRIM 01□ 58Y40			2 1/2
SRIM 01□ 58Y48			3
SRIM 01□ 58Y56			3 1/2
SRIM 01□ 58Y60			3 3/4
SRIM 01□ 58Y64			4
SRIM 01□ 58Y72			4 1/2
SRIM 01□ 58Y76			4 3/4
SRIM 01□ 58Y80			5
SRIM 01□ 60Y32	3 3/4	3 15/16	2
SRIM 01□ 60Y36			2 1/4
SRIM 01□ 60Y40			2 1/2
SRIM 01□ 60Y48			3
SRIM 01□ 60Y56			3 1/2
SRIM 01□ 60Y60			3 3/4
SRIM 01□ 60Y64			4
SRIM 01□ 60Y72			4 1/2
SRIM 01□ 60Y76			4 3/4
SRIM 01□ 60Y80			5
SRIM 01□ 64Y32	4	3 3/16	2
SRIM 01□ 64Y36			2 1/4
SRIM 01□ 64Y40			2 1/2
SRIM 01□ 64Y48			3
SRIM 01□ 64Y56			3 1/2
SRIM 01□ 64Y60			3 3/4
SRIM 01□ 64Y64			4
SRIM 01□ 64Y72			4 1/2
SRIM 01□ 64Y76			4 3/4
SRIM 01□ 64Y80			5
SRIM 01□ 68Y32	4 1/4	4 7/16	2
SRIM 01□ 68Y36			2 1/4

DESIGNATION	Φd	ΦD	L
SRIM 01□ 68Y40	4 1/4	4 7/16	2 1/2
SRIM 01□ 68Y48			3
SRIM 01□ 68Y56			3 1/2
SRIM 01□ 68Y60			3 3/4
SRIM 01□ 68Y64			4
SRIM 01□ 68Y72			4 1/2
SRIM 01□ 68Y76			4 3/4
SRIM 01□ 68Y80			5
SRIM 01□ 70Y32	4 3/8	4 9/16	2
SRIM 01□ 70Y36			2 1/4
SRIM 01□ 70Y40			2 1/2
SRIM 01□ 70Y48			3
SRIM 01□ 70Y56			3 1/2
SRIM 01□ 70Y60			3 3/4
SRIM 01□ 70Y64			4
SRIM 01□ 70Y72			4 1/2
SRIM 01□ 70Y76			4 3/4
SRIM 01□ 70Y80			5
SRIM 01□ 72Y32	4 1/2	4 11/16	2
SRIM 01□ 72Y36			2 1/4
SRIM01□ 72Y40			2 1/2
SRIM 01□ 72Y48			3
SRIM 01□ 72Y56			3 1/2
SRIM 01□ 72Y60			3 3/4
SRIM 01□ 72Y64			4
SRIM01□ 72Y72			4 1/2
SRIM 01□ 72Y76			4 3/4
SRIM 01□ 72Y80			5
SRIM 01□ 76Y32	4 3/4	4 15/16	2
SRIM 01□ 76Y36			2 1/4
SRIM 01□ 76Y40			2 1/2
SRIM 01□ 76Y48			3
SRIM 01□ 76Y56			3 1/2
SRIM 01□ 76Y60			3 3/4
SRIM 01□ 76Y64			4
SRIM 01□ 76Y72			4 1/2
SRIM 01□ 76Y76			4 3/4
SRIM 01□ 76Y80			5
SRIM 01□ 80Y32	5	5 3/16	2
SRIM 01□ 80Y36			2 1/4
SRIM 01□ 80Y40			2 1/2
SRIM 01□ 80Y48			3
SRIM 01□ 80Y56			3 1/2
SRIM 01□ 80Y60			3 3/4

DESIGNATION	Φd	ΦD	L
SRIM 01□ 80Y64	5	5 3/16	4
SRIM 01□ 80Y72			4 1/2
SRIM 01□ 80Y76			4 3/4
SRIM 01□ 80Y80			5
SRIM 01□ 84Y32	5 1/4	5 7/16	2
SRIM 01□ 84Y36			2 1/4
SRIM 01□ 84Y40			2 1/2
SRIM 01□ 84Y48			3
SRIM 01□ 84Y56			3 1/2
SRIM 01□ 84Y60			3 3/4
SRIM 01□ 84Y64			4
SRIM 01□ 84Y72			4 1/2
SRIM 01□ 84Y76			4 3/4
SRIM 01□ 84Y80			5
SRIM 01□ 88Y32	5 1/2	5 11/16	2
SRIM 01□ 88Y36			2 1/4
SRIM 01□ 88Y40			2 1/2
SRIM 01□ 88Y48			3
SRIM 01□ 88Y56			3 1/2
SRIM 01□ 88Y60			3 3/4
SRIM 01□ 88Y64			4
SRIM 01□ 88Y72			4 1/2
SRIM 01□ 88Y76			4 3/4
SRIM 01□ 88Y80			5
SRIM 01□ 92Y32	5 3/4	5 15/16	2
SRIM 01□ 92Y36			2 1/4
SRIM 01□ 92Y40			2 1/2
SRIM 01□ 92Y48			3
SRIM 01□ 92Y56			3 1/2
SRIM 01□ 92Y60			3 3/4
SRIM 01□ 92Y64			4
SRIM 01□ 92Y72			4 1/2
SRIM 01□ 92Y76			4 3/4
SRIM 01□ 92Y80			5
SRIM 01□ 96Y32	6	6 3/16	2
SRIM 01□ 96Y36			2 1/4
SRIM 01□ 96Y40			2 1/2
SRIM 01□ 96Y48			3
SRIM 01□ 96Y56			3 1/2
SRIM 01□ 96Y60			3 3/4
SRIM 01□ 96Y64			4
SRIM 01□ 96Y72			4 1/2

DESIGNATION	Φd	ΦD	L
SRIM 01□ 96Y76	6	6 3/16	4 3/4
SRIM 01□ 96Y80			5
SRIM 01□ 100Y32	6 1/4	6 7/16	2
SRIM 01□ 100Y36			2 1/4
SRIM 01□ 100Y40			2 1/2
SRIM 01□ 100Y48			3
SRIM 01□ 100Y56			3 1/2
SRIM 01□ 100Y60			3 3/4
SRIM 01□ 100Y64			4
SRIM 01□ 100Y72			4 1/2
SRIM 01□ 100Y76			4 3/4
SRIM 01□ 100Y80			5
SRIM 01□ 104Y32	6 1/2	6 11/16	2
SRIM 01□ 104Y36			2 1/4
SRIM 01□ 104Y40			2 1/2
SRIM 01□ 104Y48			3
SRIM 01□ 104Y56			3 1/2
SRIM 01□ 104Y60			3 3/4
SRIM 01□ 104Y64			4
SRIM 01□ 104Y72			4 1/2
SRIM 01□ 104Y76			4 3/4
SRIM 01□ 104Y80			5
SRIM 01□ 108Y32	6 3/4	6 15/16	2
SRIM 01□ 108Y36			2 1/4
SRIM 01□ 108Y40			2 1/2
SRIM 01□ 108Y48			3
SRIM 01□ 108Y56			3 1/2
SRIM 01□ 108Y60			3 3/4
SRIM 01□ 108Y64			4
SRIM 01□ 108Y72			4 1/2
SRIM 01□ 108Y76			4 3/4
SRIM 01□ 108Y80			5
SRIM 01□ 112Y32	7	7 3/16	2
SRIM 01□ 112Y36			2 1/4
SRIM 01□ 112Y40			2 1/2
SRIM 01□ 112Y48			3
SRIM 01□ 112Y56			3 1/2
SRIM 01□ 112Y60			3 3/4
SRIM 01□ 112Y64			4
SRIM 01□ 112Y72			4 1/2
SRIM 01□ 112Y76			4 3/4
SRIM 01□ 112Y80			5

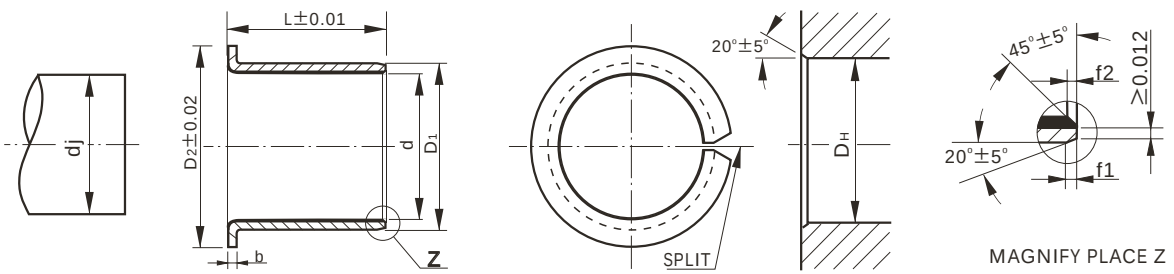
SUITABLE SHAFT, HOUSING BORE TOLERANCE TABLE

BASIC DIMENSION Φd	SUITABLE HOUSING BORE ΦDH	SUITABLE SHAFT Φdj
3/8	0.4684 0.4691	0.3750 0.3740
1/2	0.5934 0.5941	0.5000 0.4990
5/8	0.7184 0.7192	0.6250 0.6240
3/4	0.8747 0.8755	0.7500 0.7488
7/8	0.9997 1.0005	0.8750 0.8738

BASIC DIMENSION Φd	SUITABLE HOUSING BORE ΦDH	SUITABLE SHAFT Φdj
1	1.1246 1.1256	1.0000 0.9988
1 1/4	1.4058 1.4068	1.2500 1.2484
1 1/2	1.6558 1.6568	1.5000 1.4984
1 3/4	1.9371 1.9381	1.7500 1.7484

WALL THICKNESS TOLERANCES AND INSIDE, OUTSIDE CHAMFER TABLE

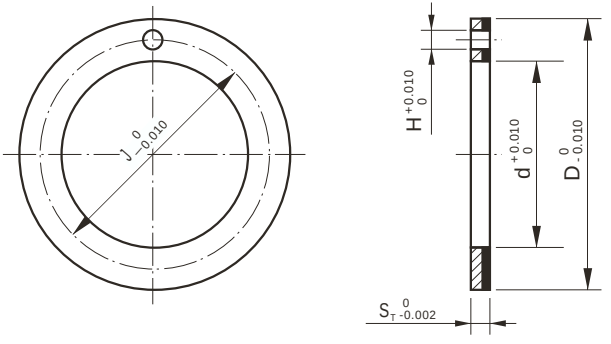
BASIC DIMENSION Φd	WALL THICKNESS TOLEANCES S_B	CHAMFER DIMENSION	
		f1	f2
3/8 – 5/8	0.052 0.044	0.0394 0.0079	Max.0.0157
5/8 – 1	0.068 0.060	0.0394 0.0079	0.0079 0.0039
1 – 1 1/2	0.083 0.075	0.0630 0.0315	0.0276 0.0039
1 1/2 – 1 3/4	0.098 0.090	0.0945 0.0472	0.0394 0.0079



Unit:inch

DESIGNATION	Φd	ΦD1	ΦD2	L
SRIM 01□ F 06 Y 04	3/8	15/32	11/16	1/4
SRIM 01□ F 06 Y 06				3/8
SRIM 01□ F 06 Y 08				1/2
SRIM 01□ F 06 Y 12				3/4
SRIM 01□ F 08 Y 04	1/2	19/32	13/16	1/4
SRIM 01□ F 08 Y 06				3/8
SRIM 01□ F 08 Y 08				1/2
SRIM 01□ F 08 Y 12				3/4
SRIM 01□ F 10 Y 06	5/8	23/32	15/16	3/8
SRIM 01□ F 10 Y 08				1/2
SRIM 01□ F 10 Y 10				5/8
SRIM 01□ F 10 Y 12				3/4
SRIM 01□ F 12 Y 06	3/4	7/8	1 1/8	3/8
SRIM 01□ F 12 Y 08				1/2
SRIM 01□ F 12 Y 12				3/4
SRIM 01□ F 12 Y 16				1
SRIM 01□ F 14 Y 08	7/8	1	1 1/4	1/2

DESIGNATION	Φd	ΦD1	ΦD2	L
SRIM 01□ F 14 Y 12	7/8	1	1 1/4	3/4
SRIM 01□ F 14 Y 16				1
SRIM 01□ F 14 Y 20				1 1/4
SRIM 01□ F 16 Y 08	1	1 1/8	1 3/8	1/2
SRIM 01□ F 16 Y 12				3/4
SRIM 01□ F 16 Y 16				1
SRIM 01□ F 16 Y 20				1 1/4
SRIM 01□ F 20 Y 16	1 1/4	1 13/32	1 3/4	1
SRIM 01□ F 20 Y 20				1 1/4
SRIM 01□ F 20 Y 24				1 1/2
SRIM 01□ F 24 Y 16	1 1/2	1 21/32	2	1
SRIM 01□ F 24 Y 24				1 1/2
SRIM 01□ F 24 Y 32				2
SRIM 01□ F 28 Y 16	2 3/4	2 15/16	2 3/8	1
SRIM 01□ F 28 Y 24				1 1/2
SRIM 01□ F 28 Y 32				2



Unit:inch

DESIGNATION	Φd $^{+0.01}_{0}$	ΦD $^{0}_{-0.01}$	ΦJ $^{0}_{-0.01}$	Φh $^{+0.01}_{0}$	S_T $^{0}_{-0.002}$
SRIM 01□ W Y 06	0.500	0.875	0.692	0.067	0.063
SRIM 01□ W Y 07	0.562	1.000	0.786		
SRIM 01□ W Y 08	0.625	1.125	0.880	0.099	
SRIM 01□ W Y 09	0.678	1.187	0.942		
SRIM 01□ W Y 10	0.750	1.250	1.005		
SRIM 01□ W Y 11	0.812	1.375	1.099		
SRIM 01□ W Y 12	0.875	1.500	1.192	0.130	
SRIM 01□ W Y 14	1.000	1.750	1.380		
SRIM 01□ W Y 16	1.125	2.000	1.576	0.161	
SRIM 01□ W Y 18	1.250	2.125	1.692		
SRIM 01□ W Y 20	1.375	2.250	1.817		
SRIM 01□ W Y 22	1.500	2.500	2.005	0.192	0.093
SRIM 01□ W Y 24	1.625	2.625	2.130		
SRIM 01□ W Y 26	1.750	2.750	2.255		
SRIM 01□ W Y 28	2.000	3.000	2.505		
SRIM 01□ W Y 30	2.125	3.125	2.630		
SRIM 01□ W Y 32	2.250	3.250	2.755		