



Boccole in acciaio inossidabile

Stainless steel bushes



1. Caratteristiche boccole SF-1 in acciaio inossidabile

Le boccole SF-1 in acciaio inossidabile sono realizzate in materiale composito di tre strati: polvere di bronzo sinterizzata su una base di acciaio inox, e ricoperto da uno strato di PTFE. Queste tipologie di boccole possono resistere a olio, acidi, basi e acqua marina e, non contenendo piombo, possono essere utilizzate nell'industria alimentare, in flussimetri in ambienti acidi o basici per valvole e pompe, macchinari per la farmaceutica, la stampa, la chimica e l'industria marina.

1.1 Caratteristiche e funzionalità

Le boccole SF-1 in acciaio inossidabile presentano molteplici caratteristiche che si possono così riassumere:

- esenti da lubrificazione
- elevata capacità di carico - 140 N/mm^2 - grazie alla distribuzione del carico su ampie superfici elasto-plastiche elevata scorrevolezza e basso coefficiente d'attrito sia statico sia dinamico (nessun effetto stick-slip)
- temperatura d'esercizio da $-150 \text{ }^\circ\text{C}$ a $+150 \text{ }^\circ\text{C}$
- vibrazioni, rumore ed inquinamento ridottissimi. Possibilità di utilizzare metalli di accoppiamento a bassa durezza facilitandone la lavorazione e riducendone i costi
- materiale leggero, compatto e con minimi ingombri facilità di montaggio
- non assorbono olio o acqua, presentano una bassa espansione ed un'alta conducibilità nonché una buona stabilità termica

1. Stainless steel SF-1 bushes characteristics

SF-1 stainless steel bushings are made of triple layer composites: a bronze powder is sintered on a stainless steel base, and then the PTFE layer is coated on the bronze layer. This type of bushings can resist to oil, acids, alkali, and sea water and, being lead free, they can be used in food machinery, acid and alkali flow meters for valves and pumps, pharmaceutical machines, printing machines, chemical machines, and marine industry.

1.1 Functionality and characteristics

The SF-1 stainless steel bushes have several characteristics which can be summarized as follows:

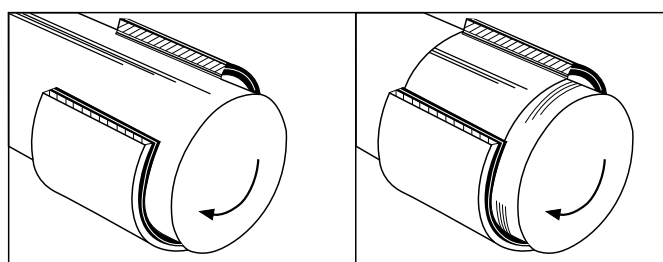
- lubrication free
- high load capacities - 140 N/mm^2 - on large elasto-plastic surfaces
- elevated flow and low friction coefficients both static and dynamic (no stick-slip effect)
- working temperature from $-150 \text{ }^\circ\text{C}$ to $+150 \text{ }^\circ\text{C}$.
- reduced vibration, noise and pollution. Possibility to use coupling metals which have low hardness, facilitating the workability and reducing costs
- light material, compact and with minimum dimensions
- easy to assemble
- oil or water are not absorbed, presenting low expansion, high conductivity and excellent thermal stability

Foto prodotto Product photo	Caratteristiche Characteristics	
	Capacità di carico Load capacity	140 N/mm^2
	Temperatura limite Limit temperature	$-150 \text{ }^\circ\text{C} \sim +150 \text{ }^\circ\text{C}$
	Velocità limite Speed limit	$2,5 \text{ m/s}$
	Coefficiente d'attrito Friction coefficient	$0,04 \sim 0,20$
	Limite Pv (a secco) Pv limit (dry)	$3,6 \text{ N/mm}^2 \cdot \text{m/s}$
	Limite Pv (olio) Pv limit (oil)	$50 \text{ N/mm}^2 \cdot \text{m/s}$

1.2 Utilizzo

Le boccole SF-1 hanno solitamente un buon adattamento iniziale (rodaggio) con un'usura di 0,01 ~ 0,02 mm. Durante la fase di rodaggio una parte della superficie in PTFE si deposita sull'albero o sulla superficie di strisciamento (fig. 1) formando così un film autolubrificante in grado di ridurre l'attrito e l'usura. Dopo questa fase iniziale e con il progressivo aumento delle ore di funzionamento, al raggiungimento dell'80% di consumo di PTFE, si considera la boccola esaurita e quindi da sostituire. La rugosità di superficie deve essere solitamente inferiore a 0,8 μ. La curva tipica di usura viene mostrata nella fig. 2.

Usura di rodaggio - Wear trial



prima del rodaggio
before trial

dopo il rodaggio
after trial

Fig. 1

1.3 Capacità di carico

La capacità di carico delle boccole è espressa attraverso il fattore di carico Pv ($N/mm^2 \cdot m/s$) dove P rappresenta il carico specifico e v la velocità. Il carico specifico massimo applicabile in condizioni costanti può raggiungere il valore di $140 N/mm^2$, mentre in condizioni dinamiche, quindi con movimenti rotatori ed oscillanti, il limite del carico specifico può scendere a $56 N/mm^2$.

La capacità di carico può essere influenzata dalla temperatura: è importante quindi mantenerla costante per ottenere le migliori prestazioni aumentando così la durata della boccola.

Se consideriamo F come carico totale, d il diametro interno e b la lunghezza, il limite del carico equivale a:

$$p = \frac{F}{d \cdot b}$$

Anche la lubrificazione può influenzare il fattore di carico, infatti il carico specifico p massimo ammissibile dipende dalle condizioni di ingrassaggio come riportato nella fig. 3.

1.2 Use

SF-1 bushes generally have good initial adaptability with a wear of 0,01 ~ 0,02mm.

During the adjustment period a part of the surface in PTFE is deposited on the shaft or on the contact surface (fig. 1) forming a self-lubricating film capable of reducing friction and wear. After this initial phase and with progressive increase in the functioning hours, once 80% of the PTFE is consumed, the bush is considered depleted and therefore should be replaced. The roughness of the surface must generally be lower than 0,8 μ. The typical wear curve is shown in fig. 2.

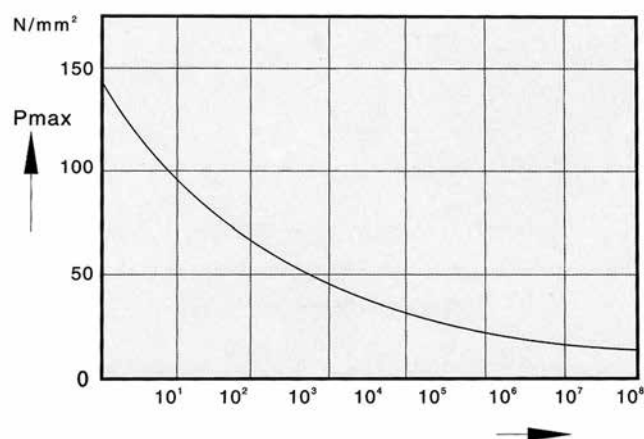


Fig. 2

1.3 Load capacity

The load capacity of the bush is expressed using the load factor Pv ($N/mm^2 \cdot m/s$) where P represents the specific load and v the velocity. The specific maximum load applicable in constant conditions can reach a value of $140 N/mm^2$, while in dynamic conditions, therefore with rotary and oscillating movement, the specific load limit can decrease to $56 N/mm^2$. The limit of the load can be influenced by the temperature: it is important to maintain constant temperature in order to obtain the best performances and therefore to increase the duration of the bush. If we consider F as total load, d the internal diameter and b the length, the load limit will be equal to:

The lubrication can influence the load factor too: in fact the maximum specific load p depends on the conditions of the greasing, as shown in fig. 3.

Fattore Pv con e senza lubrificazione / Pv factor with dry and lubricating condition

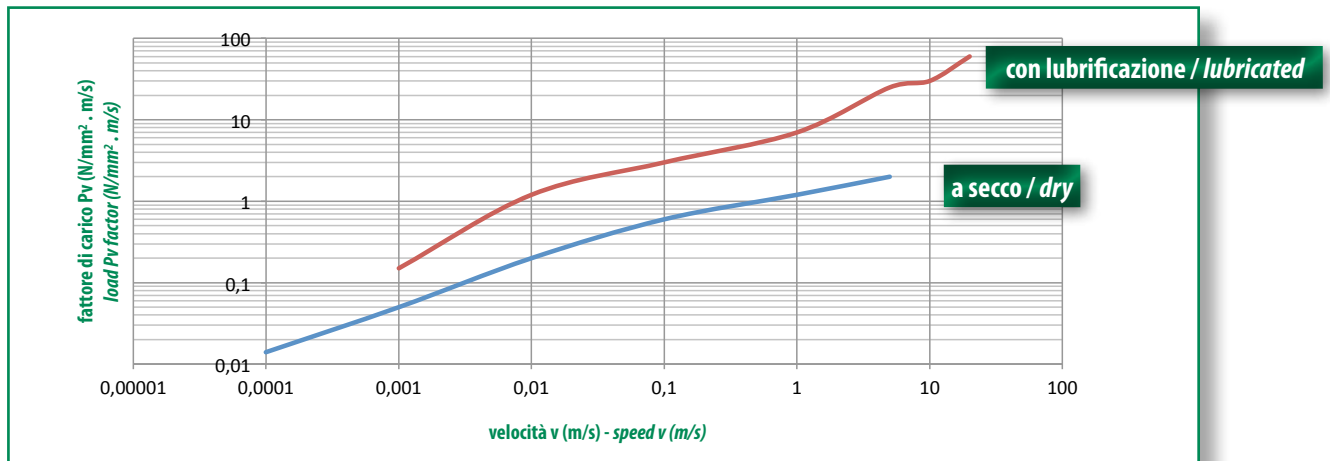


Fig. 3

1.4 Fluidi lubrificanti

Sebbene il materiale utilizzato per la costruzione del SF-1 sia di buona qualità ed utilizzabile a secco, qualora fosse impiegato in presenza di fluidi, liquidi e/o lubrificanti il limite Pv aumenterebbe sensibilmente; infatti la presenza di fluidi rende possibile lo smaltimento del calore d'attrito ed il contatto tra le superfici, aumentando la durata utile della boccia. La presenza di fluidi lubrificanti crea le condizioni adatte per il funzionamento idrodinamico, incrementando notevolmente la velocità di strisciamento a parità di carico specifico p. È opportuno verificare sempre la compatibilità della boccia, con il fluido presente, in quanto potrebbero verificarsi situazioni di controindicazione nell'utilizzo di un fluido piuttosto che un altro. È consigliabile provare ad immergere metà boccia nel fluido per circa due settimane e verificare che la boccia risulti inalterata in ogni sua parte.

1.5 Temperatura

Nel caso in cui la temperatura rimanga tra 0°C e 100°C, l'impatto sul coefficiente d'attrito è piuttosto limitato; qualora superasse questo limite, il coefficiente d'attrito aumenterebbe rapidamente all'incirca del 50%.

1.4 Lubricants fluids

Despite the material used for the construction of the SF-1 is of good quality and usable when dry, when used in the presence of fluids, liquids and or lubricants the limits Pv increase sensibly; in fact, the presence of fluids allow the dispersion of the friction heat possible and the contact between the surfaces, increasing the useful duration of the bush. The presence of lubricating fluids creates the proper conditions for the hydrodynamic functioning, incrementing noticeably the sliding velocity at the same specific load. It is worthwhile to always verify the compatibility of the bush with the fluid present because an undesirable effect could be experienced in the use of one fluid rather than another. It is advisable to try to immerse half of the bush in the fluid for approximately 2 weeks to verify that the bush remains unchanged in every part.

1.5 Temperature

In case the temperature remains between 0°C and 100°C, the impact of the friction coefficient is rather limited; once this limit is surpassed, the friction coefficient increases rapidly by approximately 50%.

Limite - Temperatura fattore Pv - Limit Pv at various temperature

Velocità (m/s) Speed (m/s)	Carico (N/mm ²) Load (N/mm ²)	Limite Pv (N/mm ² · m/s) - Pv Limit (N/mm ² · m/s)	
		20 °C	100 °C
0,0001	140	0,014	0,014
0,001	50	0,5	0,3
0,01	6	0,6	0,35
1,0	1,2	1,2	0,72
5,0	0,4	2,0	1,0

Tolleranze delle boccole SF-1 e SF-1F / *SF-1 and SF-1F Bushes tolerances*

SF-1 - SF-1F

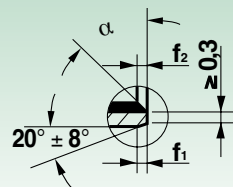
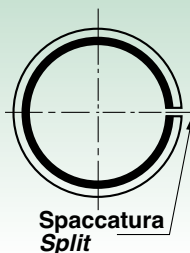
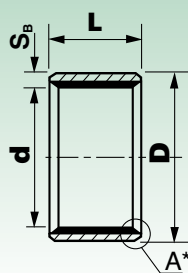
Diametro esterno <i>Outer diameter</i> D	Tolleranze diametro esterno <i>Outer diameter tolerances</i> D	Tolleranze spessore <i>Thickness tolerances</i> S _B		Dimensioni smusso <i>Chamfer dimensions</i> S _B f ₁ f ₂		
≤ 10	+0,055 +0,025	0,75	0 -0,020	0,75	0,5 ± 0,3	-0,05 -0,30
10 < ≤ 18	+0,065 +0,030	1	+0,005 -0,020	1	0,6 ± 0,4	-0,1 -0,4
18 < ≤ 30	+0,075 +0,035	1,5	+0,005 -0,025	1,5	0,6 ± 0,4	-0,1 -0,6
30 < ≤ 50	+0,085 +0,045	2	+0,005 -0,030	2	1,2 ± 0,4	-0,1 -0,7
50 < ≤ 80	+0,100 +0,055	2,5	D ≤ 80 +0,005 -0,040	2,5	1,8 ± 0,6	-0,2 -1,0
80 < ≤ 120	+0,120 +0,070	2,5	80 < D ≤ 120 0,010 -0,060	2,5	1,8 ± 0,6	-0,2 -1,0
120 < ≤ 180	+0,170 +0,100	2,5	D > 120 -0,035 -0,085	2,5	1,8 ± 0,6	-0,2 -1,0
180 < ≤ 305	+0,255 +0,125	2,5	D > 120 -0,035 -0,085	2,5	1,8 ± 0,6	-0,2 -1,0

Tolleranze di montaggio raccomandate:		<i>Recommended mounting tolerances:</i>	
Albero:	Foro:	Shaft:	Bore:
≤ 4 = h 6	≤ 4 = H 6	≤ 4 = h 6	≤ 4 = H 6
da 5 a 75 = f7	> 4 = H 7	from 5 to 75 = f7	> 4 = H 7
≥ 80 = h 8		≥ 80 = h 8	

Tolleranze di montaggio raccomandate SF-1F:		<i>Recommended mounting tolerances SF-1F:</i>	
Albero:	Foro:	Shaft:	Bore:
f7	≤ 4 = H 6	f7	≤ 4 = H 6
	> 4 = H 7		> 4 = H 7

Le tolleranze delle boccole metriche SF-1 e SF-1F rispettano la norma ISO 3547-1:2006

Tolerance values of metric bushings SF-1 and SF-1F comply with standard ISO 3547-1:2006

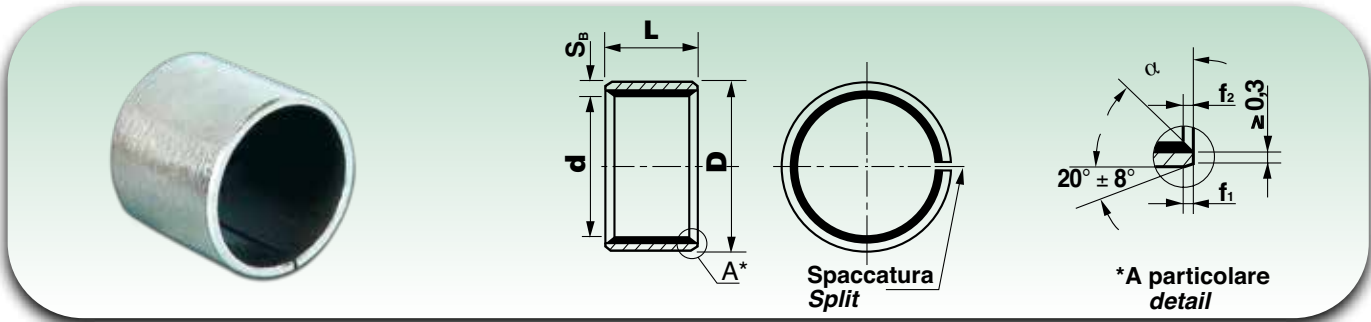


*A particolare detail

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
2	3,5	3
		5
3	4,5	3
		4
		5
		6
4	5,5	3
		4
		5
		6
		7
		8
		9
5	7	4
		5
		6
		7
		8
6	8	4
		5
		6
		7
		8
7	9	10
		10
8	10	5
		6
		7
		8
		10
		12
		15
10	12	20
		5
		6
		7
		8
		10
		12
		13,5
12	14	15
		20
		6
		8
		10
		12
13	15	25
		8

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
13	15	10
		15
		20
14	16	5
		10
		12
		14
		15
		20
		25
15	17	8
		10
		12
		15
		20
		25
		25
16	18	5
		8
		10
		12
		15
		16
		20
17	19	10
		12
		15
		17
		20
18	20	8
		10
		12
		15
		18
		20
		25
		25
20	22	10
		15
		20
		25
		30
		30
20	23	5
		10
		12
		15
		20
		25
22	25	30
		10
		12

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
22	25	20
		25
		30
24	27	15
		20
		25
		30
24	28	15
		20
		24
		25
		30
25	28	5
		10
		12
		15
		20
		25
		30
25	29	40
		50
		12
		10
		12
		15
		20
28	32	25
		28
		30
		40
		43
		43
30	34	10
		12
		15
		20
		25
		30
		32
		40
32	36	8
		20
		25
		30
35	39	40
		12
		15
		20
		25
		30
		35

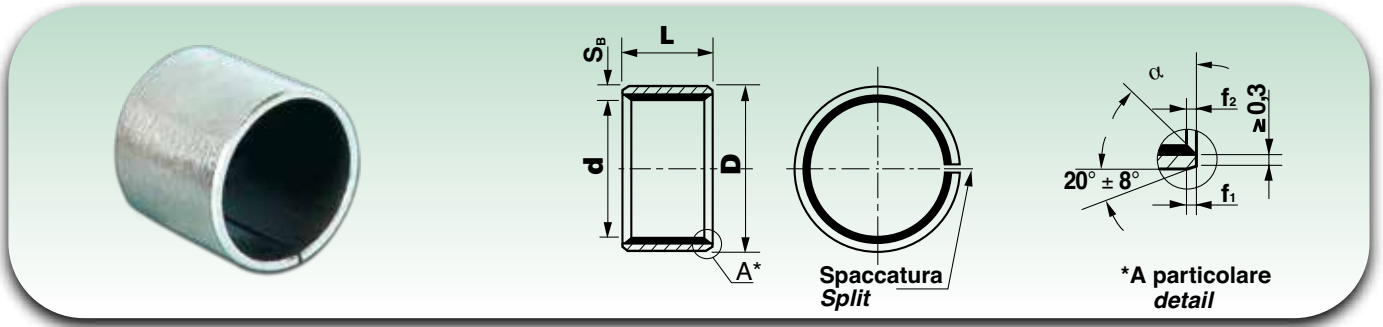


*A particolare detail

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
37	41	20
38	42	15
		20
		25
		30
		38
		40
40	44	12
		15
		20
		25
		30
		35
		40
		45
45	50	20
		25
		30
		40
		45
		50
50	55	20
		25
		30
		40
		50
		60
55	60	10
		20
		25
		30
		35
		40
		50
		55
		60
		60
60	65	20
		25
		30
		40
		50
		55
		60
		70
65	70	30
		40
		50
		60
		65
		70

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
70	75	30
		40
		50
		60
		70
		80
75	80	30
		40
		50
		60
		70
		75
		80
		90
80	85	40
		50
		60
		70
		80
		100
85	90	30
		40
		50
		60
		80
		100
90	95	40
		50
		60
		80
		90
		100
		120
		20
95	100	50
		60
		80
		95
		100
		140
100	105	50
		60
		70
		80
		100
		115
105	110	60
		80
		100
		100

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
105	110	105
		115
110	115	50
		60
		80
		100
		115
115	120	50
		60
		70
		115
120	125	50
		60
		70
		80
		95
		100
125	130	60
		100
		115
		125
		50
		60
130	135	80
		100
		130
		60
		70
135	140	80
		100
		50
		60
140	145	80
		100
		120
		140
		60
		100
145	150	60
		100
		50
		60
150	155	80
		100
		150
		60
		80
155	160	60
		100
		60
160	165	80
		100
		115
		160



***A particolare detail**

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
165	170	60
		100
170	175	60
		100
175	180	60
		100
180	185	60
		80
		100
		180
190	195	60
		80
		100
200	205	60
		80

Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
200	205	100
		200
205	210	60
		100
210	215	60
		100
215	220	60
		100
		60
220	225	80
		100
		220
		60
230	235	60
		100
240	245	60
		100

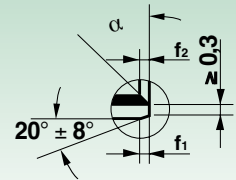
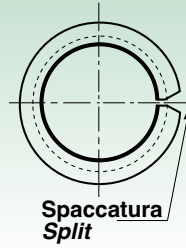
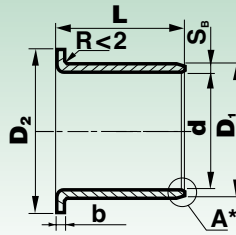
Dimensioni (mm) Dimensions (mm)		
d	D	L ^{±0,25}
250	255	60
		80
		100
260	265	250
		80
		100
		260
280	285	60
		80
		100
		280
300	305	60
		80
		100
		300
-	-	-

Per ordinare specificare: SF-1 + d + L

To order, please specify: SF-1 + d + L

Possano essere fornite boccole a disegno per quantità.

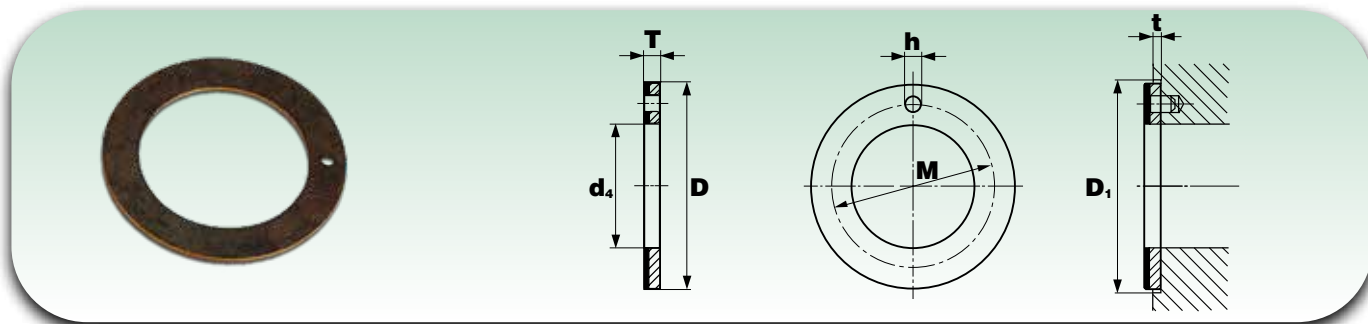
Custom bushings can be supplied for large quantities.



*A particolare detail

Sigla Designation	Dimensioni (mm) Dimensions (mm)					
	d	D ₁	D ₂ ±0,50	L ±0,25	b ^{-0,2}	
F 3-4 INOX	3	4,5	7	4	0,75	
F 4-4 INOX	4	5,5	9	4	0,75	
F 4-5 INOX				5		
F 4-6 INOX				6		
F 4-7 INOX				7		
F 4-8 INOX				8		
F 5-4 INOX	5	7	10	4	1	
F 5-5 INOX				5		
F 5-6 INOX				6		
F 5-7 INOX				7		
F 5-8 INOX				8		
F 6-4 INOX	6	8	12	4	1	
F 6-7 INOX				7		
F 6-8 INOX				8		
F 6-12,7 INOX				12,7		
F 8-5,5 INOX				5,5		15
F 8-6 INOX	6					
F 8-7,5 INOX	7,5					
F 8-8 INOX	8					
F 8-9,5 INOX	9,5					
F 8-10 INOX	10	18	10	1		
F 10-5,5 INOX	5,5					
F 10-7 INOX	7					
F 10-9 INOX	9					
F 10-12 INOX	12					
F 10-17 INOX	17	20	17	1		
F 12-7 INOX	7					
F 12-8 INOX	8					
F 12-9 INOX	9					
F 12-12 INOX	12					
F 12-15 INOX	15	22	15	1		
F 12-17 INOX	17					
F 14-12 INOX	12					
F 14-17 INOX	17					
F 15-9 INOX	9		23		9	1
F 15-12 INOX	12					
F 15-17 INOX	17					
F 16-12 INOX	12	24		12	1	
F 16-17 INOX	17					
F 18-12 INOX	12		26	12		1
F 18-17 INOX	17					
F 18-20 INOX	20					
F 18-22 INOX	22					
F 20-11,5 INOX	20	23		30	11,5	
F 20-12 INOX			12			
F 20-15 INOX			15			
F 20-16,5 INOX			16,5			
F 20-17 INOX			17			

Sigla Designation	Dimensioni (mm) Dimensions (mm)					
	d	D ₁	D ₂ ±0,50	L ±0,25	b ^{-0,2}	
F 20-21,5 INOX	20	23	30	21,5	1,5	
F 20-22 INOX				22		
F 22-15 INOX	22	25	32	15	1,5	
F 22-20 INOX				20		
F 25-11,5 INOX	25	28	35	11,5	1,5	
F 25-12 INOX				12		
F 25-16,5 INOX				16,5		
F 25-17 INOX				17		
F 25-21,5 INOX				21,5		
F 25-22 INOX	22	30	26	2		
F 30-16 INOX	16					
F 30-26 INOX	26					
F 30-30 INOX	30	35	20	2		
F 35-16 INOX	16					
F 35-20 INOX	20					
F 35-26 INOX	26	40	26	2		
F 40-16 INOX	16					
F 40-26 INOX	26					
F 40-40 INOX	40					
F 45-16 INOX	16		45		25	2,5
F 45-20 INOX	20					
F 45-25 INOX	25					
F 45-26 INOX	26					
F 45-30 INOX	30					
F 45-40 INOX	40	50	30	2,5		
F 45-50 INOX	50					
F 50-20 INOX	20		55		30	2,5
F 50-30 INOX	30					
F 50-40 INOX	40					
F 55-30 INOX	30	60		40	2,5	
F 55-40 INOX	40					
F 60-30 INOX	30		65	40		2,5
F 60-40 INOX	40					
F 60-50 INOX	50					
F 65-30 INOX	30	70		40	2,5	
F 65-40 INOX	40					
F 70-30 INOX	30		75	40		2,5
F 70-40 INOX	40					
F 75-30 INOX	30			80		
F 75-40 INOX	40					
F 80-30 INOX	30	85			40	
F 80-40 INOX	40					
F 85-30 INOX	30		90		40	2,5
F 85-40 INOX	40					
F 90-30 INOX	30			95	40	
F 90-40 INOX	40					
F 95-30 INOX	30	100			40	
F 95-40 INOX	40					



Sigla Designation	Dimensioni (mm) Dimensions (mm)				Dimensioni di montaggio (mm) Mounting dimensions (mm)		
	$d_4^{\pm 0,25}$	$D^{-0,25}$	$T^{-0,05}$	$M^{\pm 0,15}$	$h^{+0,4}_{+0,1}$	$t^{\pm 0,2}$	$D_1^{+0,12}$
WC-1B 10 INOX	10	20	1,5	15	1,5	1	20
WC-1B 12 INOX	12	24	1,5	18	1,5	1	24
WC-1B 14 INOX	14	26	1,5	20	2	1	26
WC-1B 16 INOX	16	30	1,5	23	2	1	30
WC-1B 18 INOX	18	32	1,5	25	2	1	32
WC-1B 20 INOX	20	36	1,5	28	3	1	36
WC-1B 22 INOX	22	38	1,5	30	3	1	38
WC-1B 24 INOX	24	42	1,5	33	3	1	42
WC-1B 26 INOX	26	44	1,5	35	4	1	44
WC-1B 28 INOX	28	48	1,5	38	4	1	48
WC-1B 32 INOX	32	54	1,5	43	4	1	54
WC-1B 38 INOX	38	62	1,5	50	4	1	62
WC-1B 40 INOX	40	64	1,5	52	4	1	64
WC-1B 42 INOX	42	66	1,5	54	4	1	66
WC-1B 48 INOX	48	74	2	61	4	1,5	74
WC-1B 52 INOX	52	78	2	65	4	1,5	78
WC-1B 62 INOX	62	90	2	76	4	1,5	90
WC-1B 90 INOX	90	130	2	110	5	2	130

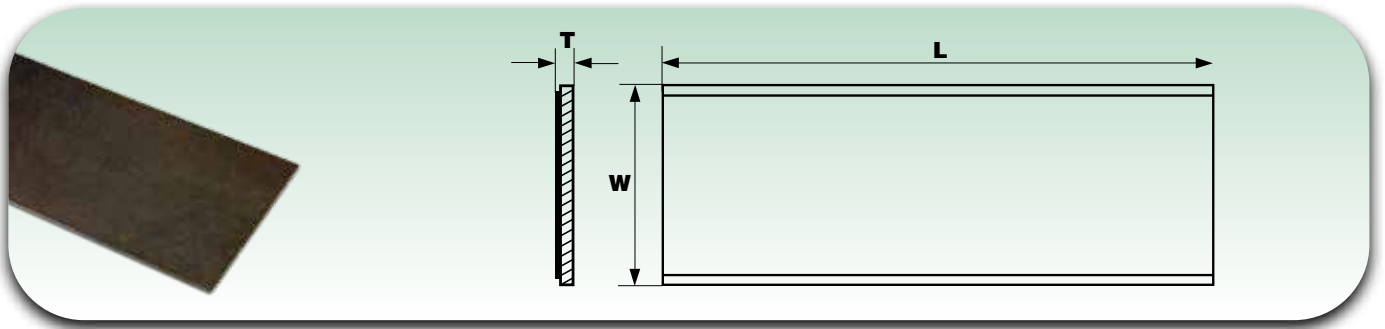
Per ordinare specificare: sigla
To order, please specify: designation

Le tolleranze riportate in questa pagina rispettano la norma ISO 6525:1983

The tolerance values given on this page comply with standard ISO 6525:1983

Consigliamo l'utilizzo di un perno o di una vite di arresto per evitare la rotazione. Il fermo deve essere incassato sotto il piano della ralla di almeno 0,25 mm.

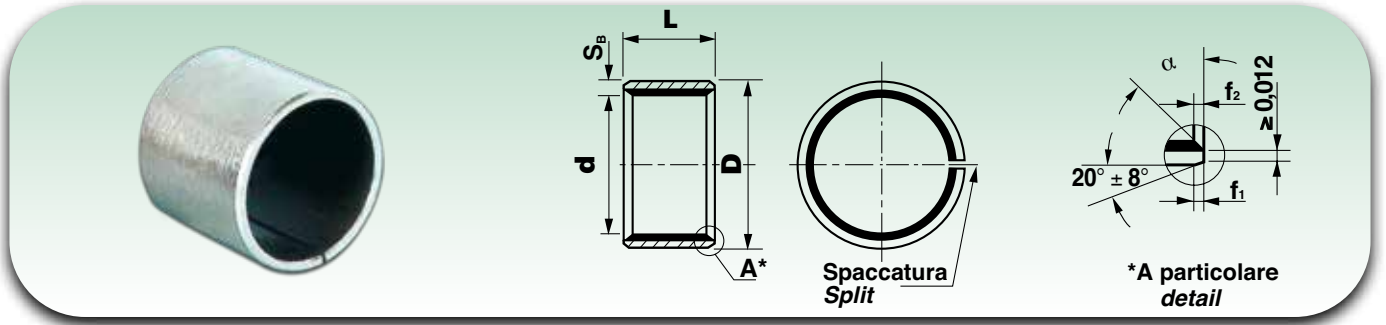
A dowel or counter grub screw should be used to prevent rotation, but the head must be recessed at least 0,25 mm below the thrust washer surface.



Sigla Designation	Dimensioni (mm) - Dimensions (mm)		
	Lunghezza Length $L \pm 1$	Altezza Width $W \pm 1$	Spessore Thickness $T^{-0.05}$
NSTR-S 050125 INOX	500	125	0,50
NSTR-S 075125 INOX	500	125	0,75
NSTR-S 100125 INOX	500	125	1,0
NSTR-S 150125 INOX	500	125	1,5
NSTR-S 200125 INOX	500	125	2,0
NSTR-S 250125 INOX	500	125	2,5
NSTR-S 300125 INOX	500	125	3

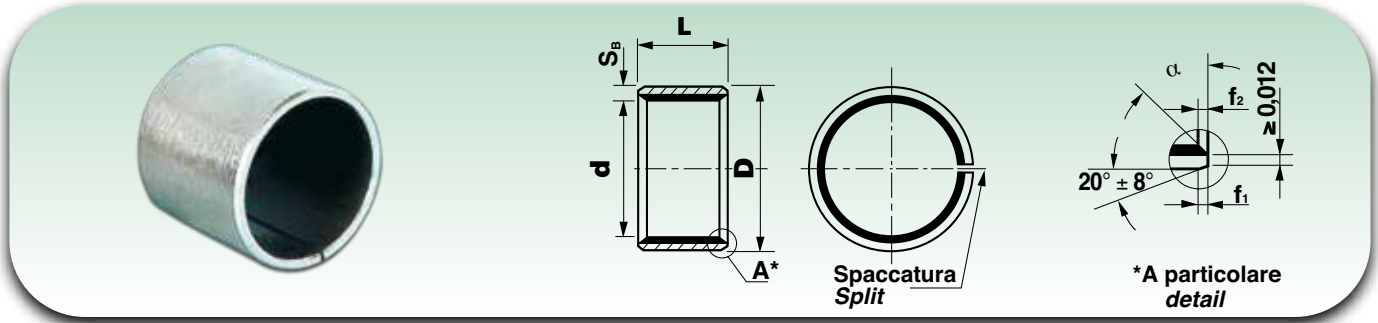
Per ordinare specificare: sigla

To order, please specify: designation



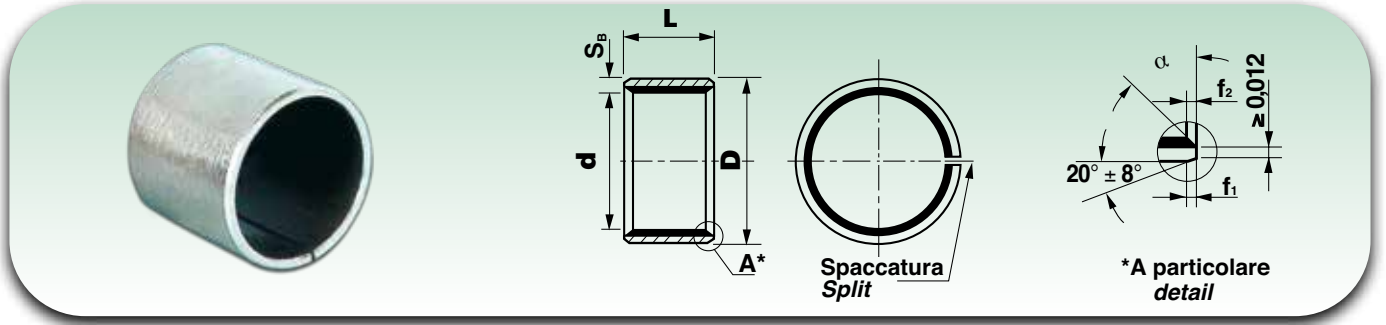
Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
1/8-1/8 INOX	1/8	3,18	3/16	4,76	1/8	3,18
1/8-3/16 INOX					3/16	4,76
5/32-5/32 INOX	5/32	3,97	7/32	5,56	5/32	3,97
5/32-1/4 INOX					1/4	6,35
3/16-3/16 INOX	3/16	4,76	1/4	6,35	3/16	4,76
3/16-1/4 INOX					1/4	6,35
3/16-3/8 INOX	1/4	6,35	5/16	7,94	3/8	9,53
1/4-1/4 INOX					3/8	9,53
1/4-3/8 INOX	5/16	7,94	3/8	9,53	3/8	9,53
5/16-3/8 INOX					1/2	12,70
5/16-1/2 INOX	3/8	9,53	15/32	11,91	3/16	4,76
3/8-3/16 INOX					1/4	6,35
3/8-1/4 INOX	3/8	9,53	15/32	11,91	3/8	9,53
3/8-3/8 INOX					1/2	12,70
3/8-1/2 INOX	5/8	15,88	19/32	15,80	5/8	15,88
3/8-5/8 INOX					3/4	19,05
3/8-3/4 INOX	7/16	11,11	17/32	13,49	3/8	9,53
7/16-3/8 INOX					1/2	12,70
7/16-1/2 INOX	7/16	11,11	17/32	13,49	3/4	19,05
7/16-3/4 INOX					1/4	6,35
1/2-1/4 INOX	1/2	12,70	19/32	15,80	3/8	9,53
1/2-3/8 INOX					1/2	12,70
1/2-1/2 INOX	5/8	15,88	19/32	15,80	5/8	15,88
1/2-5/8 INOX					3/4	19,05
1/2-3/4 INOX	7/8	22,23	25/32	19,84	7/8	22,23
1/2-7/8 INOX					5/16	7,94
9/16-5/16 INOX	9/16	14,29	21/32	16,67	3/8	9,53
9/16-3/8 INOX					1/2	12,70
9/16-1/2 INOX	5/8	15,88	23/32	18,26	5/8	15,88
9/16-5/8 INOX					3/4	19,05
9/16-3/4 INOX	1	25,40	25/32	19,84	7/8	22,23
5/8-1/4 INOX					1/4	6,35
5/8-1/2 INOX	5/8	15,88	23/32	18,26	1/2	12,70
5/8-1/2 INOX					5/8	15,88
5/8-5/8 INOX	7/8	22,23	25/32	19,84	3/4	19,05
5/8-3/4 INOX					7/8	22,23
5/8-7/8 INOX	1	25,40	25/32	19,84	1	25,40
5/8-1 INOX					7/8	22,23
11/16-7/8 INOX	11/16	17,46	25/32	19,84	7/8	22,23
3/4-1/4 INOX					1/4	6,35
3/4-3/8 INOX	3/4	19,05	7/8	22,23	3/8	9,53
3/4-1/2 INOX					1/2	12,70
3/4-5/8 INOX	5/8	15,88	23/32	18,26	5/8	15,88
3/4-3/4 INOX					3/4	19,05
3/4-1 INOX	1	25,40	25/32	19,84	1	25,40
13/16-3/4 INOX					3/4	19,05
13/16-1 1/8 INOX	7/8	22,23	1	25,40	1 1/8	28,58
7/8-1/4 INOX					1/4	6,35

Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
7/8-3/8 INOX	7/8	22,23	1	25,40	3/8	9,53
7/8-3/4 INOX					3/4	19,05
7/8-7/8 INOX					7/8	22,23
7/8-1 INOX					1	25,40
7/8-1 1/4 INOX	1	25,40	1 1/8	28,58	1 1/4	31,75
1-3/8 INOX					3/8	9,53
1-1/2 INOX					1/2	12,70
1-3/4 INOX					3/4	19,05
1-1 INOX	1 1/8	28,58	1 9/32	32,54	1	25,40
1-1 1/4 INOX					1 1/4	31,75
1-1 1/2 INOX					1 1/2	38,10
1 1/8-3/8 INOX					3/8	9,53
1 1/8-5/8 INOX	1 1/4	31,75	1 13/32	35,72	5/8	15,88
1 1/8-3/4 INOX					3/4	19,05
1 1/8-1 INOX					1	25,40
1 1/4-3/8 INOX					3/8	9,53
1 1/4-3/4 INOX	1 3/8	34,93	1 17/32	38,89	3/4	19,05
1 1/4-7/8 INOX					7/8	22,23
1 1/4-1 INOX					1	25,40
1 1/4-1 1/4 INOX					1 1/4	31,75
1 1/4-1 3/4 INOX	1 1/2	38,10	2 1/32	50,80	1 3/4	44,45
1 3/8-5/8 INOX					5/8	15,88
1 3/8-3/4 INOX					3/4	19,05
1 3/8-1 INOX					1	25,40
1 3/8-1 3/8 INOX	1 5/8	41,28	1 25/32	45,24	1 3/8	34,93
1 3/8-1 1/2 INOX					1 1/2	38,10
1 3/8-1 3/4 INOX					1 3/4	44,45
1 1/2-1/2 INOX					1/2	12,70
1 1/2-1 INOX	1 1/2	38,10	2 1/32	42,07	1	25,40
1 1/2-1 1/8 INOX					1 1/8	28,58
1 1/2-1 1/4 INOX					1 1/4	31,75
1 1/2-1 1/2 INOX					1 1/2	38,10
1 1/2-2 INOX	1 3/4	44,45	1 15/16	49,21	2	50,80
1 5/8-1 INOX					1	25,40
1 5/8-1 1/2 INOX					1 1/2	38,10
1 3/4-1 INOX					1	25,40
1 3/4-1 1/2 INOX	1 7/8	47,63	2 1/16	52,39	1 1/2	38,10
1 3/4-1 3/4 INOX					1 3/4	44,45
1 3/4-2 INOX					2	50,80
1 7/8-3/4 INOX					3/4	19,05
1 7/8-1 INOX	2	50,80	2 3/16	55,56	1	25,40
1 7/8-1 1/8 INOX					1 1/8	28,58
1 7/8-1 1/4 INOX					1 1/4	31,75
1 7/8-2 1/4 INOX					2 1/4	57,15
2-1/2 INOX	2	50,80	2 3/16	55,56	1/2	12,70
2-1 INOX					1	25,40
2-1 1/2 INOX					1 1/2	38,10
2-1 3/4 INOX					1 3/4	44,45



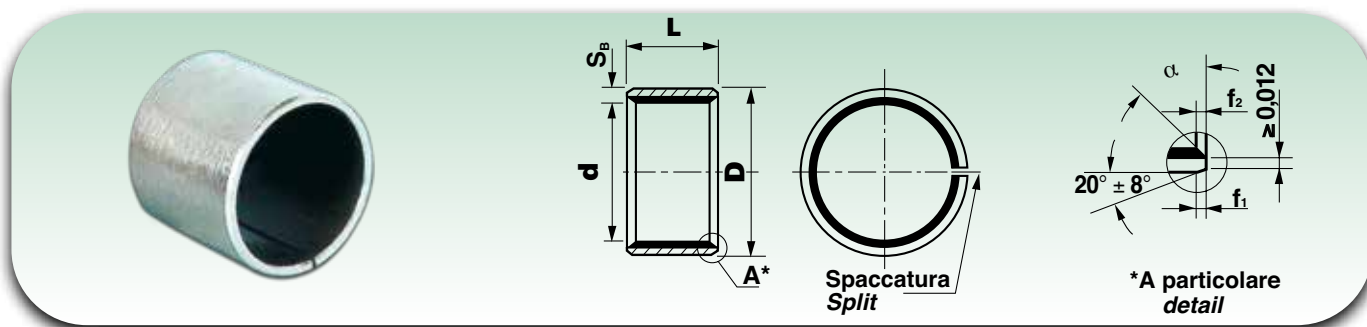
Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
2 - 2 INOX	2	50,80	2 ³ / ₁₆	55,56	2	50,80
2 - 2 1/2 INOX					2 1/2	63,50
2 1/8 - 3 INOX	2 1/8	53,98	2 ⁵ / ₁₆	58,74	3	76,20
2 1/4 - 1 3/4 INOX	2 1/4	57,15	2 ⁷ / ₁₆	61,91	1 3/4	44,45
2 1/4 - 2 INOX					2	50,80
2 1/4 - 2 1/4 INOX					2 1/4	57,15
2 1/4 - 2 1/2 INOX					2 1/2	63,50
2 1/4 - 3 INOX					3	76,20
2 1/4 - 3 1/2 INOX					3 1/2	88,90
2 1/4 - 3 3/4 INOX					3 3/4	95,25
2 1/4 - 4 INOX					4	101,60
2 1/4 - 4 1/4 INOX					4 1/4	107,95
2 1/2 - 1 INOX					2 1/2	63,50
2 1/2 - 1 5/8 INOX	1 5/8	41,28				
2 1/2 - 2 INOX	2	50,80				
2 1/2 - 2 1/2 INOX	2 1/2	63,50				
2 1/2 - 3 INOX	3	76,20				
2 1/2 - 3 1/2 INOX	3 1/2	88,90				
2 1/2 - 3 3/4 INOX	3 3/4	95,25				
2 1/2 - 4 INOX	4	101,60				
2 1/2 - 4 1/2 INOX	4 1/2	114,30				
2 1/2 - 4 3/4 INOX	4 3/4	120,65				
2 3/4 - 2 INOX	2 3/4	69,85	2 ¹⁵ / ₁₆	74,61	2	50,80
2 3/4 - 2 1/4 INOX					2 1/4	57,15
2 3/4 - 2 1/2 INOX					2 1/2	63,50
2 3/4 - 3 INOX					3	76,20
2 3/4 - 3 1/2 INOX					3 1/2	88,90
2 3/4 - 3 3/4 INOX					3 3/4	95,25
2 3/4 - 4 INOX					4	101,60
2 3/4 - 4 1/2 INOX					4 1/2	114,30
2 3/4 - 4 3/4 INOX					4 3/4	120,65
2 3/4 - 5 INOX					5	127,00
2 7/8 - 2 INOX	2 7/8	73,03	3 ¹ / ₁₆	77,79	2	50,80
2 7/8 - 2 1/4 INOX					2 1/4	57,15
2 7/8 - 2 1/2 INOX					2 1/2	63,50
2 7/8 - 3 INOX					3	76,20
2 7/8 - 3 1/2 INOX					3 1/2	88,90
2 7/8 - 3 3/4 INOX					3 3/4	95,25
2 7/8 - 4 INOX					4	101,60
2 7/8 - 4 1/2 INOX					4 1/2	114,30
2 7/8 - 4 3/4 INOX					4 3/4	120,65
2 7/8 - 5 INOX					5	127,00
3 - 2 INOX	3	76,20	3 ³ / ₁₆	80,96	2	50,80
3 - 2 1/4 INOX					2 1/4	57,15
3 - 2 1/2 INOX					2 1/2	63,50
3 - 3 INOX					3	76,20
INOX 3 - 3 1/2					3 1/2	88,90

Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
3 - 3 3/4 INOX	3	76,20	3 ³ / ₁₆	80,96	3 3/4	95,25
3 - 4 INOX					4	101,60
3 - 4 1/2 INOX					4 1/2	114,30
3 - 4 3/4 INOX					4 3/4	120,65
3 - 5 INOX					5	127,00
3 1/4 - 2 INOX					3 1/4	82,55
3 1/4 - 2 3/8 INOX	2 3/8	60,33				
3 1/4 - 2 1/2 INOX	2 1/2	63,50				
3 1/4 - 3 INOX	3	76,20				
3 1/4 - 3 1/2 INOX	3 1/2	88,90				
3 1/4 - 3 3/4 INOX	3 3/4	95,25				
3 1/4 - 4 INOX	4	101,60				
3 1/4 - 4 1/2 INOX	4 1/2	114,30				
3 1/4 - 4 3/4 INOX	4 3/4	120,65				
3 1/4 - 5 INOX	5	127,00				
3 1/2 - 2 INOX	3 1/2	88,90	3 ¹¹ / ₁₆	93,66	2	50,80
3 1/2 - 2 3/8 INOX					2 3/8	60,33
3 1/2 - 2 1/2 INOX					2 1/2	63,50
3 1/2 - 3 INOX					3	76,20
3 1/2 - 3 1/2 INOX					3 1/2	88,90
3 1/2 - 3 3/4 INOX					3 3/4	95,25
3 1/2 - 4 INOX					4	101,60
3 1/2 - 4 1/2 INOX					4 1/2	114,30
3 1/2 - 4 3/4 INOX					4 3/4	120,65
3 1/2 - 5 INOX					5	127,00
3 5/8 - 2 INOX	3 5/8	92,08	3 ¹³ / ₁₆	96,84	2	50,80
3 5/8 - 2 1/4 INOX					2 1/4	57,15
3 5/8 - 2 1/2 INOX					2 1/2	63,50
3 5/8 - 3 INOX					3	76,20
3 5/8 - 3 1/2 INOX					3 1/2	88,90
3 5/8 - 3 3/4 INOX					3 3/4	95,25
3 5/8 - 4 INOX					4	101,60
3 5/8 - 4 1/2 INOX					4 1/2	114,30
3 5/8 - 4 3/4 INOX					4 3/4	120,65
3 5/8 - 5 INOX					5	127,00
3 3/4 - 2 INOX	3 3/4	95,25	3 ¹⁵ / ₁₆	100,01	2	50,80
3 3/4 - 2 1/4 INOX					2 1/4	57,15
3 3/4 - 2 1/2 INOX					2 1/2	63,50
3 3/4 - 3 INOX					3	76,20
3 3/4 - 3 1/2 INOX					3 1/2	88,90
3 3/4 - 3 3/4 INOX					3 3/4	95,25
3 3/4 - 4 INOX					4	101,60
3 3/4 - 4 1/2 INOX					4 1/2	114,30
3 3/4 - 4 3/4 INOX					4 3/4	120,65
3 3/4 - 5 INOX					5	127,00
4 - 2 INOX	4	101,60	3 ³ / ₁₆	80,96	2	50,80
4 - 2 1/4 INOX					2 1/4	57,15



Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)									
	d		D		L ±0,010"					
	inch.	mm	inch.	mm	inch.	mm				
4 - 2 1/2 INOX	4	101,60	3 3/16	80,96	1 1/2	63,50				
4 - 3 INOX					3	76,20				
4 - 3 1/2 INOX					3 1/2	88,90				
4 - 3 3/4 INOX					3 3/4	95,25				
4 - 4 INOX					4	101,60				
4 - 4 1/2 INOX					4 1/2	114,30				
4 - 4 3/4 INOX					4 3/4	120,65				
4 - 5 INOX					5	127,00				
4 1/4 - 2 INOX					4 1/4	107,95	4 7/16	112,71	2	50,80
4 1/4 - 2 1/4 INOX									2 1/4	57,15
4 1/4 - 2 1/2 INOX	2 1/2	63,50								
4 1/4 - 3 INOX	3	76,20								
4 1/4 - 3 1/2 INOX	3 1/2	88,90								
4 1/4 - 3 3/4 INOX	3 3/4	95,25								
4 1/4 - 4 INOX	4	101,60								
4 1/4 - 4 1/2 INOX	4 1/2	114,30								
4 1/4 - 4 3/4 INOX	4 3/4	120,65								
4 1/4 - 5 INOX	5	127,00								
4 3/8 - 2 INOX	4 3/8	111,13	4 9/16	115,89	2	50,80				
4 3/8 - 2 1/4 INOX					2 1/4	57,15				
4 3/8 - 2 1/2 INOX					2 1/2	63,50				
4 3/8 - 3 INOX					3	76,20				
4 3/8 - 3 1/2 INOX					3 1/2	88,90				
4 3/8 - 3 3/4 INOX					3 3/4	95,25				
4 3/8 - 4 INOX					4	101,60				
4 3/8 - 4 1/2 INOX					4 1/2	114,30				
4 3/8 - 4 3/4 INOX					4 3/4	120,65				
4 3/8 - 5 INOX					5	127,00				
4 1/2 - 2 INOX	4 1/2	114,30	4 11/16	119,06	2	50,80				
4 1/2 - 2 1/4 INOX					2 1/4	57,15				
4 1/2 - 2 1/2 INOX					2 1/2	63,50				
4 1/2 - 3 INOX					3	76,20				
4 1/2 - 3 1/2 INOX					3 1/2	88,90				
4 1/2 - 3 3/4 INOX					3 3/4	95,25				
4 1/2 - 4 INOX					4	101,60				
4 1/2 - 4 1/2 INOX					4 1/2	114,30				
4 1/2 - 4 3/4 INOX					4 3/4	120,65				
4 1/2 - 5 INOX					5	127,00				
4 3/4 - 2 INOX	4 3/4	120,65	4 15/16	125,41	2	50,80				
4 3/4 - 2 1/4 INOX					2 1/4	57,15				
4 3/4 - 2 1/2 INOX					2 1/2	63,50				
4 3/4 - 3 INOX					3	76,20				
4 3/4 - 3 1/2 INOX					3 1/2	88,90				
4 3/4 - 3 3/4 INOX					3 3/4	95,25				
4 3/4 - 4 INOX					4	101,60				
4 3/4 - 4 1/2 INOX					4 1/2	114,30				
4 3/4 - 4 3/4 INOX					4 3/4	120,65				
4 3/4 - 5 INOX					5	127,00				

Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
4 3/4 - 5 INOX	4 3/4	120,65	4 15/16	125,41	5	127,00
5 - 2 INOX					2	50,80
5 - 2 1/4 INOX					2 1/4	57,17
5 - 2 1/2 INOX					2 1/2	63,50
5 - 3 INOX					3	76,20
5 - 3 1/2 INOX					3 1/2	88,90
5 - 3 3/4 INOX					3 3/4	95,25
5 - 4 INOX					4	101,60
5 - 4 1/2 INOX					4 1/2	114,30
5 - 4 3/4 INOX					4 3/4	120,65
5 - 5 INOX	5	127,00				
5 1/4 - 2 INOX	5 1/4	133,35	5 7/16	138,11	2	50,80
5 1/4 - 2 1/4 INOX					2 1/4	57,15
5 1/4 - 2 1/2 INOX					2 1/2	63,50
5 1/4 - 3 INOX					3	76,20
5 1/4 - 3 1/2 INOX					3 1/2	88,90
5 1/4 - 3 3/4 INOX					3 3/4	95,25
5 1/4 - 4 INOX					4	101,60
5 1/4 - 4 1/2 INOX					4 1/2	114,30
5 1/4 - 4 3/4 INOX					4 3/4	120,65
5 1/4 - 5 INOX					5	127,00
5 1/2 - 2 INOX	5 1/2	139,70	5 11/16	144,46	2	50,80
5 1/2 - 2 1/4 INOX					2 1/4	57,15
5 1/2 - 2 1/2 INOX					2 1/2	63,50
5 1/2 - 3 INOX					3	76,20
5 1/2 - 3 1/2 INOX					3 1/2	88,90
5 1/2 - 3 3/4 INOX					3 3/4	95,25
5 1/2 - 4 INOX					4	101,60
5 1/2 - 4 1/2 INOX					4 1/2	114,30
5 1/2 - 4 3/4 INOX					4 3/4	120,65
5 1/2 - 5 INOX					5	127,00
5 3/4 - 2 INOX	5 3/4	146,05	5 15/16	150,81	2	50,80
5 3/4 - 2 1/4 INOX					2 1/4	57,15
5 3/4 - 2 1/2 INOX					2 1/2	63,50
5 3/4 - 3 INOX					3	76,20
5 3/4 - 3 1/2 INOX					3 1/2	88,90
5 3/4 - 3 3/4 INOX					3 3/4	95,25
5 3/4 - 4 INOX					4	101,60
5 3/4 - 4 1/2 INOX					4 1/2	114,30
5 3/4 - 4 3/4 INOX					4 3/4	120,65
5 3/4 - 5 INOX					5	127,00
6 - 2 INOX	6	152,40	6 3/16	157,16	2	50,80
6 - 2 1/4 INOX					2 1/4	57,15
6 - 2 1/2 INOX					2 1/2	63,50
6 - 3 INOX					3	76,20
6 - 3 1/2 INOX					3 1/2	88,90
6 - 3 3/4 INOX					3 3/4	95,25

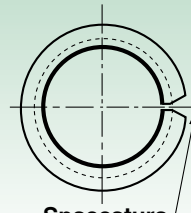
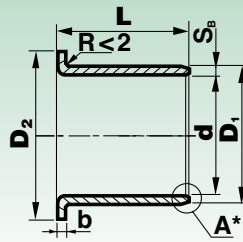


Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
6 - 4 INOX	6	152,40	6 ^{3/16}	157,16	4 101,60	
6 - 4 1/2 INOX					4 1/2 114,30	
6 - 14 3/4 INOX					4 3/4 120,65	
6 - 5 INOX	6 1/4	57,15	6 7/16	163,51	5 127,00	
6 1/4 - 2 INOX					2 50,80	
6 1/4 - 2 1/4 INOX					2 1/4 57,15	
6 1/4 - 2 1/2 INOX					2 1/2 63,50	
6 1/4 - 3 INOX					3 76,20	
6 1/4 - 3 1/2 INOX					3 1/2 88,90	
6 1/4 - 3 3/4 INOX					3 3/4 95,25	
6 1/4 - 4 INOX					4 101,60	
6 1/4 - 4 1/2 INOX					4 1/2 114,30	
6 1/4 - 4 3/4 INOX					4 3/4 120,65	
6 1/4 - 5 INOX					5 127,00	
6 1/2 - 2 INOX	6 1/2	165,10	6 11/16	169,86	2 50,80	
6 1/2 - 2 1/4 INOX					2 1/4 57,15	
6 1/2 - 2 1/2 INOX					2 1/2 63,50	
6 1/2 - 3 INOX					3 76,20	
6 1/2 - 3 1/2 INOX					3 1/2 88,90	
6 1/2 - 3 3/4 INOX					3 3/4 95,25	
6 1/2 - 4 INOX					4 101,60	
6 1/2 - 4 1/2 INOX					4 1/2 114,30	
6 1/2 - 4 3/4 INOX					4 3/4 120,65	
6 1/2 - 5 INOX					5 127,00	

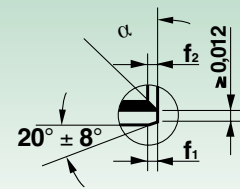
Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)					
	d		D		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm
6 1/2 - 4 3/4 INOX	6 1/2	165,10	6 11/16	169,86	4 3/4 120,65	
6 1/2 - 5 INOX					5 127,00	
6 3/4 - 2 INOX	6 3/4	171,45	6 15/16	176,21	2 50,80	
6 3/4 - 2 1/4 INOX					2 1/4 57,15	
6 3/4 - 2 1/2 INOX					2 1/2 63,50	
6 3/4 - 3 INOX					3 76,20	
6 3/4 - 3 1/2 INOX					3 1/2 88,90	
6 3/4 - 3 3/4 INOX					3 3/4 95,25	
6 3/4 - 4 INOX					4 101,60	
6 3/4 - 4 1/2 INOX					4 1/2 114,30	
6 3/4 - 4 3/4 INOX					4 3/4 120,65	
6 3/4 - 5 INOX					5 127,00	
7 - 2 INOX					7	177,80
7 - 2 1/4 INOX	2 1/4 57,15					
7 - 2 1/2 INOX	2 1/2 63,50					
7 - 3 INOX	3 76,20					
7 - 3 1/2 INOX	3 1/2 88,90					
7 - 3 3/4 INOX	3 3/4 95,25					
7 - 4 INOX	4 101,60					
7 - 4 1/2 INOX	4 1/2 114,30					
7 - 4 3/4 INOX	4 3/4 120,65					
7 - 5 INOX	5 127,00					

Per ordinare specificare: SF-1 + sigla

To order, please specify: SF-1 + designation



Spaccatura
Split

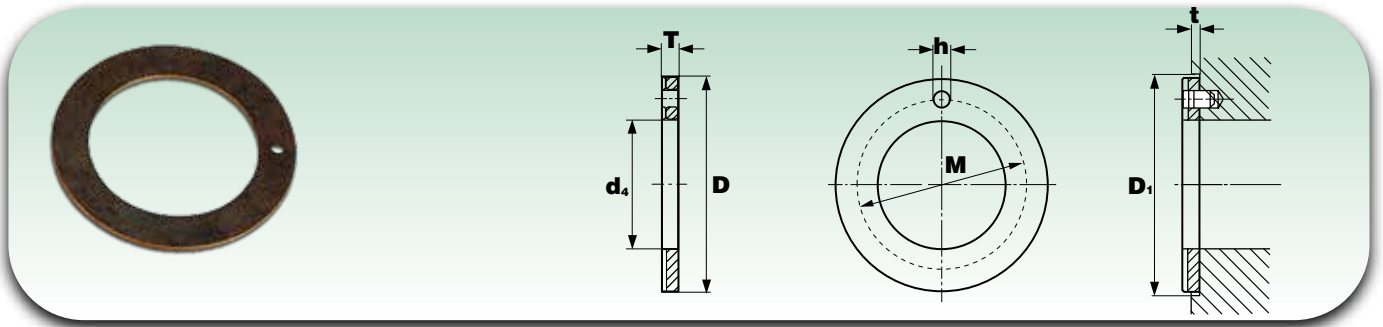


*A particolare
detail

Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)							
	d		D ₁		D ₂ ±0,020"		L ±0,010"	
	inch.	mm	inch.	mm	inch.	mm	inch.	mm
F 3/8 - 1/4 INOX	3/8	9,53	15/32	11,91	11/16	17,46	1/4	6,35
F 3/8 - 3/8 INOX							3/8	9,53
F 3/8 - 1/2 INOX							1/2	12,70
F 3/8 - 1/2 INOX							3/4	19,05
F 1/2 - 1/4 INOX	1/2	12,70	19/32	15,08	13/16	20,64	1/4	6,35
F 1/2 - 3/8 INOX							3/8	9,53
F 1/2 - 1/2 INOX							1/2	12,70
F 1/2 - 3/4 INOX							3/4	19,05
F 5/8 - 3/8 INOX	5/8	15,88	23/32	18,26	15/16	23,81	3/8	9,53
F 5/8 - 1/2 INOX							1/2	12,70
F 5/8 - 5/8 INOX							5/8	15,88
F 5/8 - 3/4 INOX							3/4	19,05
F 3/4 - 3/8 INOX	3/4	19,05	7/8	22,23	1 1/8	28,58	3/8	9,53
F 3/4 - 1/2 INOX							1/2	12,70
F 3/4 - 3/4 INOX							3/4	19,05
F 3/4 - 1 INOX							1	25,40
F 7/8 - 1/2 INOX	7/8	22,23	1	25,40	1 1/4	31,75	1/2	12,70
F 7/8 - 3/4 INOX							3/4	19,05
F 7/8 - 1 INOX							1	25,40
F 7/8 - 1 1/4 INOX							1 1/4	31,75
F 1 - 1/2 INOX	1	25,40	1 1/8	28,58	1 3/8	34,93	1/2	12,70
F 1 - 3/4 INOX							3/4	19,05
F 1 - 1 INOX							1	25,40
F 1 - 1 1/4 INOX							1 1/4	31,75
F 1 1/4 - 1 INOX	1 1/4	31,75	1 13/32	35,72	1 3/4	44,45	1	25,40
F 1 1/4 - 1 1/4 INOX							1 1/4	31,75
F 1 1/4 - 1 1/2 INOX							1 1/2	38,10
F 1 1/2 - 1 INOX							1	25,40
F 1 1/2 - 1 1/2 INOX	1 1/2	38,10	1 21/32	42,07	2	50,80	1 1/2	38,10
F 1 1/2 - 1 INOX							1	25,40
F 1 1/2 - 2 INOX							2	50,80
F 1 3/4 - 1 INOX							1	25,40
F 1 3/4 - 1 1/2 INOX	1 3/4	44,45	1 15/16	49,21	2 3/8	60,33	1 1/2	38,10
F 1 3/4 - 2 INOX							2	50,80

Per ordinare specificare: SF-1 + sigla

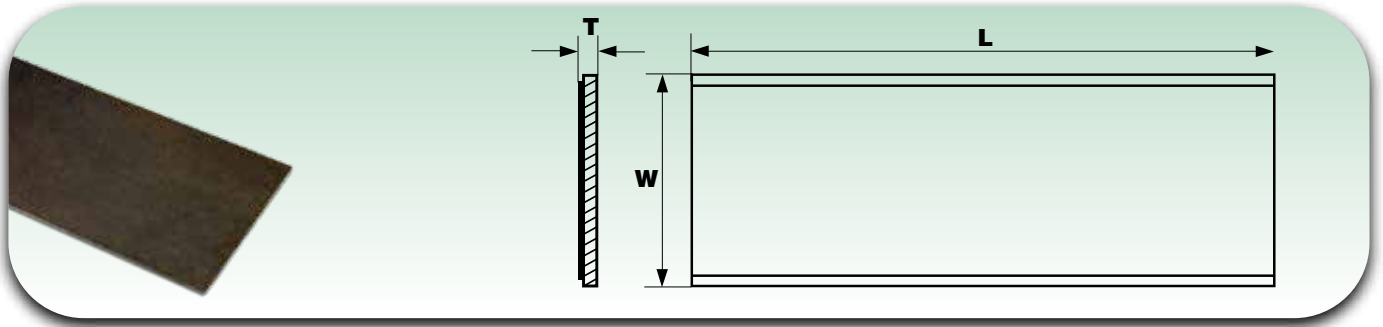
To order, please specify: SF-1 + designation



Sigla Designation	Dimensioni (pollici/mm) Dimensions (inches/mm)								Dimensioni di montaggio (pollici/mm) Mounting dimensions (inches/mm)					
	$d_4^{+0,010''}$		$D^{-0,010''}$		$T^{+0,0020''}$		$M^{-0,010''}$		$h^{+0,010''}$		$t^{\pm 0,010''}$		$D_1^{+0,010''}$	
	inch.	mm	inch.	mm	inch.	mm	inch.	mm	inch.	mm	inch.	mm	inch.	mm
WC-1 0500 INOX	0,500	12,70	0,875	22,23	0,061	1,549	0,692	17,58	0,067	1,70	0,04	1,02	0,875	22,23
WC-1 0562 INOX	0,562	14,27	1,000	25,40	0,061	1,549	0,786	19,96	0,067	1,70	0,04	1,02	1,000	25,40
WC-1 0625 INOX	0,625	15,88	1,125	28,58	0,061	1,549	0,880	22,35	0,099	2,51	0,04	1,02	1,125	28,58
WC-1 0687 INOX	0,687	17,45	1,187	30,15	0,061	1,549	0,942	23,93	0,099	2,51	0,04	1,02	1,187	30,15
WC-1 0750 INOX	0,750	19,05	1,250	31,75	0,061	1,549	1,005	25,53	0,099	2,51	0,04	1,02	1,250	31,75
WC-1 0812 INOX	0,812	20,62	1,375	34,93	0,061	1,549	1,009	27,91	0,099	2,51	0,04	1,02	1,375	34,93
WC-1 0875 INOX	0,875	22,23	1,500	38,10	0,061	1,549	1,192	30,28	0,130	3,30	0,04	1,02	1,500	38,10
WC-1 0937 INOX	0,937	23,80	1,625	41,28	0,061	1,549	1,286	32,66	0,130	3,30	0,04	1,02	1,625	41,28
WC-1 1000 INOX	1,000	25,40	1,750	44,45	0,061	1,549	1,380	35,05	0,130	3,30	0,04	1,02	1,750	44,45
WC-1 1125 INOX	1,125	28,58	2,000	50,80	0,061	1,549	1,567	39,80	0,161	4,09	0,04	1,02	2,000	50,80
WC-1 1250 INOX	1,250	31,75	2,125	53,98	0,061	1,549	1,692	42,98	0,161	4,09	0,04	1,02	2,125	53,98
WC-1 1375 INOX	1,375	34,93	2,250	57,15	0,061	1,549	1,817	46,15	0,161	4,09	0,04	1,02	2,250	57,15
WC-1 1500 INOX	1,500	38,10	2,500	63,50	0,061	1,549	2,005	50,93	0,192	4,88	0,04	1,02	2,500	63,50
WC-1 1625 INOX	1,625	41,28	2,625	66,68	0,061	1,549	2,130	54,10	0,192	4,88	0,04	1,02	2,625	66,68
WC-1 1750 INOX	1,750	44,45	2,750	69,85	0,061	1,549	2,255	52,28	0,192	4,88	0,04	1,02	2,750	69,85
WC-1 2000 INOX	2,000	50,80	3,000	76,20	0,091	2,311	2,505	63,63	0,192	4,88	0,07	1,78	3,000	76,20
WC-1 2125 INOX	2,125	53,98	3,125	79,38	0,091	2,311	2,630	66,80	0,192	4,88	0,07	1,78	3,125	79,38
WC-1 2250 INOX	2,250	57,15	3,250	82,55	0,091	2,311	2,755	69,98	0,192	4,88	0,07	1,78	3,250	82,55

Per ordinare specificare: sigla

To order, please specify: designation



Sigla Designation	Dimensioni (pollici/mm) - Dimensions (inches/mm)					
	Lunghezza Length L +0,2"		Altezza Width W +0,1"		Spessore Thickness T -0,05"	
	inch.	mm	inch.	mm	inch.	mm
NSTR-S 00293-275 INOX	19,69	500,13	2,75	69,85	0,0293 ⁰ _{-0,0016}	0,74 ⁰ _{-0,0406}
NSTR-S 00447-400 INOX	19,69	500,13	4,00	101,60	0,0447 ⁰ _{-0,0016}	1,14 ⁰ _{-0,0406}
NSTR-S 00602-400 INOX	19,69	500,13	4,00	101,60	0,0602 ⁰ _{-0,0016}	1,53 ⁰ _{-0,0406}
NSTR-S 00756-400 INOX	19,69	500,13	4,00	101,60	0,0756 ⁰ _{-0,0016}	1,92 ⁰ _{-0,0406}
NSTR-S 00913-400 INOX	19,69	500,13	4,00	101,60	0,0913 ⁰ _{-0,0016}	2,32 ⁰ _{-0,0406}
NSTR-S 01210-400 INOX	19,69	500,13	4,00	101,60	0,1210 ⁰ _{-0,0020}	3,07 ⁰ _{-0,0508}

Per ordinare specificare: sigla
To order, please specify: designation