



## TULEJE PROWADZĄCE

### Werkstoff:

SANKYO SO#50SP2, Bronze mit Festschmierstoff, wartungsfrei

### Größe und Form der Lager

#### 1.) Länge der Lager

Die bei einem Wellendurchmesser Ds allgemein empfohlene Länge L liegt in folgendem Längenbereich:  $0.5 < L/Ds < 2$

#### 2.) Wandstärke der Lager

Die bei einem Wellendurchmesser Ds allgemein empfohlene Wandstärke t liegt innerhalb der folgenden Toleranzen:

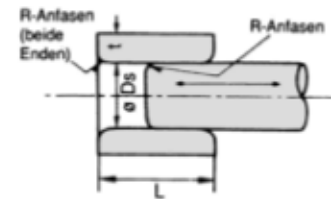
$$t = aD_s + h \text{ (mm)}$$

$$a = 0.05 \approx 0.07$$

$$h = 2 \approx 5 \text{ mm}$$

#### 3.) Anfasen

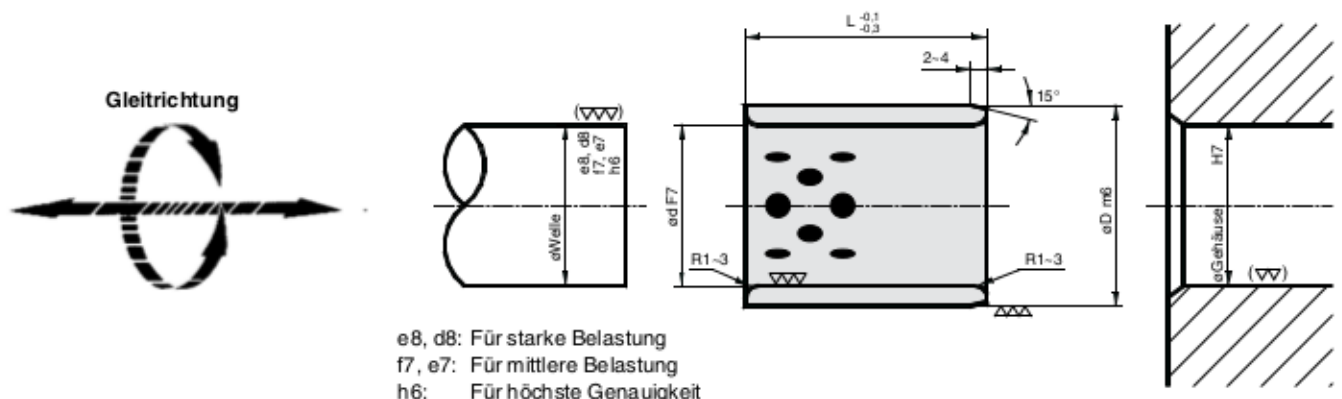
Sorgfältiges Anfasen der Wellenenden ist notwendig.



Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	Ø dF7 <sup>1)</sup>	Ø Dm6	L <sup>-0.1 -0.3</sup>		
SOB 08-12-08	8	12	8	-	
SOB 08-12-10			10		
SOB 08-12-12			12		
SOB 08-12-15			15		
SOB 10-14-08			+0.028 +0.013		14
SOB 10-14-10	10				
SOB 10-14-12	10	14	12	SOBW-10	
SOB 10-14-15			15		
SOB 10-14-20			+0.018 +0.007		20
SOB 12-18-10	12	18	10	SOBW-12	
SOB 12-18-12			12		
SOB 12-18-15			15		
SOB 12-18-16			16		
SOB 12-18-19			19		
SOB 12-18-20	20				
SOB 12-18-25	25				
SOB 12-18-30	30				
SOB 13-19-10	13	19	10	SOBW-13	
SOB 13-19-12			12		
SOB 13-19-15			15		
SOB 13-19-16			16		
SOB 13-19-20			20		
SOB 14-20-10	14	20	10	SOBW-14	
SOB 14-20-12			12		
SOB 14-20-15			15		
SOB 14-20-20			20		
SOB 14-20-25			+0.034 +0.016		25
SOB 14-20-30	30				
SOB 15-21-10	15	21		10	SOBW-15
SOB 15-21-12			12		
SOB 15-21-15			15		
SOB 15-21-16			+0.021 +0.008	16	
SOB 15-21-20			20		
SOB 15-21-25	25				
SOB 15-21-30	30				
SOB 16-22-10	16	22	10	SOBW-16	
SOB 16-22-12			12		
SOB 16-22-15			15		
SOB 16-22-16			16		
SOB 16-22-19			19		
SOB 16-22-20			20		
SOB 16-22-25			25		
SOB 16-22-30			30		
SOB 16-22-35			35		
SOB 16-22-40			40		
SOB 17-23-15	17	23	15	-	

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	Ø dF7 <sup>1)</sup>	Ø Dm6	L <sup>-0.1 -0.3</sup>		
SOB 18-24-12	18	24	12	SOBW-18	
SOB 18-24-15			15		
SOB 18-24-16			16		
SOB 18-24-20			+0.034 +0.016		20
SOB 18-24-25			25		
SOB 18-24-30			30		
SOB 18-24-35			35		
SOB 18-24-40	40				
SOB 19-26-15	19	26	15	-	
SOB 19-26-20			20		
SOB 20-28-10			10		
SOB 20-28-12	20	28	12	SOBW-20	
SOB 20-28-15			15		
SOB 20-28-16			+0.021 +0.008		16
SOB 20-28-19			19		
SOB 20-28-20			20		
SOB 20-28-25			25		
SOB 20-28-30			30		
SOB 20-28-35	20	28	35	SOBW-20	
SOB 20-28-40			40		
SOB 20-28-50			50		
SOB 20-30-16	20	30	16	SOBW-25	
SOB 20-30-20			20		
SOB 20-30-25			25		
SOB 20-30-30			30		
SOB 20-30-35			35		
SOB 20-30-40	+0.041 +0.020	32	40	-	
SOB 22-32-12			12		
SOB 22-32-15			15		
SOB 22-32-20	22	32	20	-	
SOB 22-32-25			25		
SOB 25-33-12			12		
SOB 25-33-15	25	33	15	SOBW-25	
SOB 25-33-16			16		
SOB 25-33-20			20		
SOB 25-33-25			25		
SOB 25-33-30			+0.025 +0.009		30
SOB 25-33-35			35		
SOB 25-33-40			40		
SOB 25-33-50	50				
SOB 25-33-60	60				
SOB 25-35-12	25	35	12	-	
SOB 25-35-15			15		
SOB 25-35-16			16		
SOB 25-35-20			20		
SOB 25-35-25	25				

<sup>1)</sup>nach dem Einpressen H7



Bestell-Nr.	Abmessungen mm			Anlauf-scheibe			
	Ø dF7 <sup>*)</sup>	Ø Dm6	L <sup>-0.1</sup> / <sub>-0.3</sub>				
SOB 25-35-30	25	35	30	SOBW-25			
SOB 25-35-35			35				
SOB 25-35-40			40				
SOB 25-35-50			50				
SOB 28-38-20			28		38	20	-
SOB 28-38-25	25						
SOB 28-38-30	30						
SOB 28-38-40	40						
SOB 30-38-12	12						
SOB 30-38-15	30	30	15	SOBW-30			
SOB 30-38-20			20				
SOB 30-38-25			25				
SOB 30-38-30			+0.041		30		
SOB 30-38-35			+0.020		35		
SOB 30-38-40	30	30	40	SOBW-30			
SOB 30-38-50			50				
SOB 30-38-60			60				
SOB 30-40-12			40		40	12	SOBW-30
SOB 30-40-15						15	
SOB 30-40-20	20						
SOB 30-40-25	25						
SOB 30-40-30	30						
SOB 30-40-35	30	30	35	SOBW-30			
SOB 30-40-40			+0.025		40		
SOB 30-40-50			+0.009		50		
SOB 30-40-60			60				
SOB 31-40-30			31.5		31.5	30	-
SOB 31-40-40	40						
SOB 32-42-20	32	32	20	-			
SOB 32-42-30			30				
SOB 32-42-40			40				
SOB 35-44-20	35	35	20	SOBW-35			
SOB 35-44-25			25				
SOB 35-44-30			30				
SOB 35-44-35			44		35		
SOB 35-44-40			+0.050		40		
SOB 35-44-50	+0.025	50					
SOB 35-44-60	35	35	60	SOBW-35			
SOB 35-45-20			20				
SOB 35-45-25			25				
SOB 35-45-30			30				
SOB 35-45-35			45		35		
SOB 35-45-40	35	35	40	SOBW-35			
SOB 35-45-50			50				
SOB 35-45-60			60				
SOB 38-48-30			38		48	30	-

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe			
	Ø dF7 <sup>*)</sup>	Ø Dm6	L <sup>-0.1</sup> / <sub>-0.3</sub>				
SOB 38-48-40	38	48	40	-			
SOB 40-50-15	40	40	15	SOBW-40			
SOB 40-50-20			20				
SOB 40-50-25			25				
SOB 40-50-30			30				
SOB 40-50-35			35				
SOB 40-50-40	40	40	40	SOBW-40			
SOB 40-50-50			50				
SOB 40-50-60			60				
SOB 40-50-70			70				
SOB 40-50-80			80				
SOB 40-55-15	40	40	15	SOBW-40			
SOB 40-55-25			25				
SOB 40-55-30			30				
SOB 40-55-35			35				
SOB 40-55-40			40				
SOB 40-55-50	40	40	50	SOBW-40			
SOB 40-55-60			60				
SOB 40-55-70			70				
SOB 40-55-80			80				
SOB 45-55-30			45		45	30	SOBW-45
SOB 45-55-35	35						
SOB 45-55-40	40						
SOB 45-55-50	50						
SOB 45-55-60	60						
SOB 45-56-30	45	45	30	SOBW-45			
SOB 45-56-35			35				
SOB 45-56-40			40				
SOB 45-56-50			50				
SOB 45-56-60			60				
SOB 45-60-30	45	45	30	SOBW-45			
SOB 45-60-35			35				
SOB 45-60-40			40				
SOB 45-60-50			50				
SOB 45-60-60			60				
SOB 45-60-70	45	45	70	SOBW-45			
SOB 45-60-80			80				
SOB 50-60-20			50		50	20	SOBW-50
SOB 50-60-30						30	
SOB 50-60-35						35	
SOB 50-60-40	40						
SOB 50-60-50	50						
SOB 50-60-60	50	50	60	SOBW-50			
SOB 50-60-70			70				
SOB 50-60-80			80				
SOB 50-62-30			50		50	30	SOBW-50
SOB 50-62-35						35	
SOB 50-62-40	40						

<sup>\*)</sup>nach dem Einpressen H7

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe	
	Ø dF7 <sup>*)</sup>	Ø Dm6	L <sup>-0.1 -0.3</sup>		
SOB 50-62-50			50		
SOB 50-62-60		62	60		
SOB 50-62-70			70		
SOB 50-65-30			30		
SOB 50-65-40	50	+0.050 +0.025	40	SOBW-50	
SOB 50-65-50			50		
SOB 50-65-60			60		
SOB 50-65-70			70		
SOB 50-65-80			80		
SOB 50-65-100			100		
SOB 55-70-40	55	70	40		
SOB 55-70-50			50		
SOB 55-70-60			60		
SOB 55-70-70			70		
SOB 60-74-30					30
SOB 60-74-35			35		
SOB 60-74-40			40		
SOB 60-74-50		74	50		
SOB 60-74-60			+0.030	60	
SOB 60-74-70			+0.011	70	SOBW-60
SOB 60-74-80				80	
SOB 60-74-100	60			100	
SOB 60-75-30				30	
SOB 60-75-35				35	
SOB 60-75-40				40	
SOB 60-75-50				50	
SOB 60-75-60			60		
SOB 60-75-70		75	70		
SOB 60-75-80			80		
SOB 60-75-100			100		
SOB 63-75-60				60	
SOB 63-75-70	63			70	
SOB 63-75-80			80		
SOB 65-80-40				40	
SOB 65-80-50		+0.060 +0.030	50		
SOB 65-80-60	65	80	60	SOBW-65	
SOB 65-80-70			70		
SOB 65-80-80			80		
SOB 70-85-30			30		
SOB 70-85-35			35		
SOB 70-85-40			40		
SOB 70-85-50		85	50		
SOB 70-85-60			60		
SOB 70-85-70	70		70	SOBW-70	
SOB 70-85-80			80		
SOB 70-85-100			100		
SOB 70-90-50			50		
SOB 70-90-60		+0.035 +0.013	60		
SOB 70-90-70			70		
SOB 70-90-80			80		
SOB 75-90-50		90	50		
SOB 75-90-60			60		
SOB 75-90-70			70		
SOB 75-90-80	75		80	SOBW-75	
SOB 75-90-100			100		
SOB 75-95-60			60		
SOB 75-95-70		95	70		
SOB 75-95-80			80		

Bestell-Nr.	Abmessungen mm			Anlauf-scheibe		
	Ø dF7 <sup>*)</sup>	Ø Dm6	L <sup>-0.1 -0.3</sup>			
SOB 75-95-100	75		95	100	SOBW-75	
SOB 80-96-40				40		
SOB 80-96-50				50		
SOB 80-96-60				60		
SOB 80-96-70			96	70		
SOB 80-96-80				80		
SOB 80-96-100				100		
SOB 80-96-120				120		
SOB 80-100-40	80	+0.060 +0.030		40	SOBW-80	
SOB 80-100-50				50		
SOB 80-100-60				60		
SOB 80-100-70				70		
SOB 80-100-80				80		
SOB 80-100-100		100	100			
SOB 80-100-120			120			
SOB 80-100-140			140			
SOB 85-100-60	85			+0.035 +0.013	60	
SOB 85-100-80				80		
SOB 90-110-30				30		
SOB 90-110-50			50			
SOB 90-110-60			60			
SOB 90-110-70	90	110	70	SOBW-90		
SOB 90-110-80			80			
SOB 90-110-90			90			
SOB 90-110-100			100			
SOB 90-110-120			120			
SOB 100-120-50			50			
SOB 100-120-60			60			
SOB 100-120-70			70			
SOB 100-120-80	100	+0.071 +0.036	120	80	SOBW-100	
SOB 100-120-90				90		
SOB 100-120-100				100		
SOB 100-120-120				120		
SOB 100-120-140				140		
SOB 110-130-50			50			
SOB 110-130-70			70			
SOB 110-130-80	110	130	80	-		
SOB 110-130-100			100			
SOB 110-130-120			120			
SOB 120-140-70			70			
SOB 120-140-80			80			
SOB 120-140-90	120	140	90	SOBW-120		
SOB 120-140-100			100			
SOB 120-140-120			120			
SOB 120-140-140			140			
SOB 125-145-100			125		145	+0.040 +0.015
SOB 125-145-120	120					
SOB 130-150-80			80			
SOB 130-150-100	130	150	100			
SOB 130-150-130			130			
SOB 140-160-100					100	
SOB 140-160-140	140	+0.083 +0.043	160	140	-	
SOB 150-170-80						80
SOB 150-170-100				150		170
SOB 150-170-150	150					
SOB 160-180-80			80			
SOB 160-180-100	160	180	100			
SOB 160-180-150			150			

<sup>\*)</sup> nach dem Einpressen H7

1.1/D/05.13