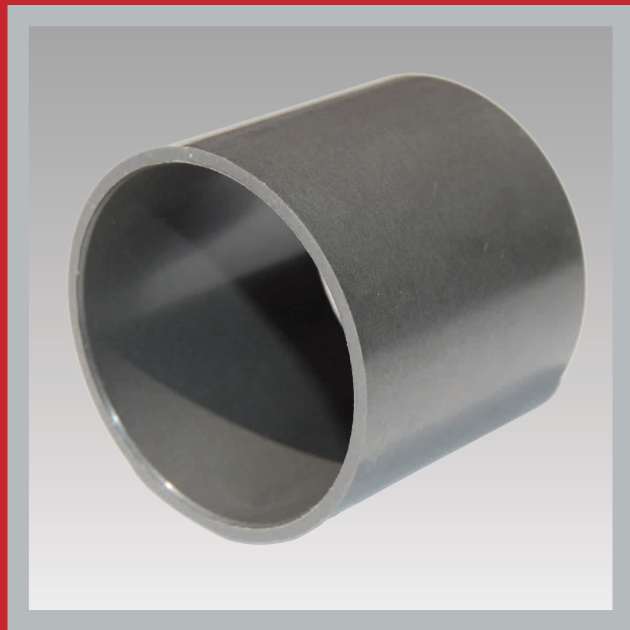


# COM-KU<sup>®</sup>/S



DIE CASTING PLASTIC SLIDING BEARING, MAINTENANCE-FREE



# COM-KU®/S

Cost-effective thermoplastic sliding bearing in a wide range of dimensions available

<b>PROPERTIES</b>	Dry sliding bearing of good value, suitable for simple applications and axial movements.
<b>MATERIAL *</b>	Compound plastic Produced by injection-molding
<b>MATERIAL PROPERTIES **</b> Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value Moisture absorption	<p>≤ 70 [ N/mm<sup>2</sup> ] dep. on temperature and length of strain</p> <p>≤ 40 [ N/mm<sup>2</sup> ] dep. on temperature and sliding speed</p> <p>≤ 1,0 [ m/s ]</p> <p>0,08 to 0,20 [ μ ]</p> <p>-50 to +100 [ °C ]</p> <p>0,6 [ N/mm<sup>2</sup> x m/s ]</p> <p>0,1 [ % at 20°C in 24h ]</p>
<b>TOLERANCE DETAILS</b> Housing - Ø Bushing-Inner - Ø after mounting Shaft tolerance	<p>H7</p> <p>E10</p> <p>h - tolerance (h9 recommended)</p>
<b>SHAFT MATERIAL</b>	Steel >200HB dressed to size, surface roughness < R <sub>z</sub> 4
<b>MOUNTING ADVICE</b> Housing Shaft Force fitting mandrel	<p>Mounting bevel, min. 1,5 mm x 15-45°</p> <p>Mounting bevel, 5 mm x 15°, edges rounded</p> <p>The application of an adequate force fitting mandrel is advisable.</p>
<b>MAINTENANCE</b>	COM-KU®/S is a self-lubricating and maintenance-free plastic sliding bearing. Additional lubrication is possible.

We produce all special designs at short notice!

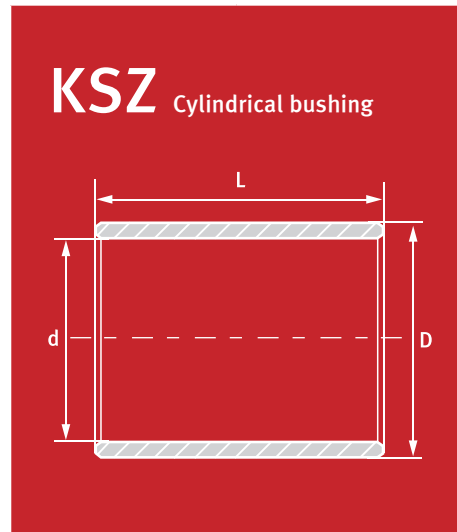
KSZ Cylindrical bushing  
KSB Flanged bushing

\* On request further materials are available for higher demands, e.g. for higher temperature ranges.

\*\* The above stated material properties are valid for optimal operating conditions. Through changes of the application conditions e.g. higher sliding speed or strain, these values are subject to changes.

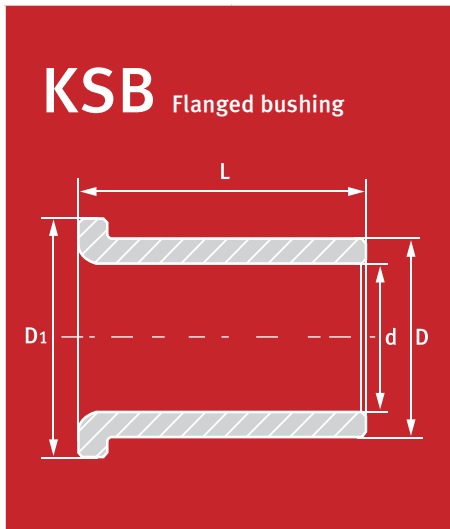
Cylindrical and flanged bushings are standard fabrication.

# KSZ



Art. Nr.	d / D x L	Art. Nr.	d / D x L
KSZ409-0203,503	2/3,5x3	KSZ409-202310	20/23x10
KSZ409-0304,504	3/4,5x4	KSZ409-202315	20/23x15
KSZ409-0304,506	3/4,5x6	KSZ409-202320	20/23x20
KSZ409-045,504	4/5,5x4	KSZ409-202325	20/23x25
KSZ409-0405,506	4/5,5x6	KSZ409-222515	22/25x15
KSZ409-050705	5/7x5	KSZ409-222520	22/25x20
KSZ409-050708	5/7x8	KSZ409-222525	22/25x25
KSZ409-050710	5/7x10	KSZ409-222530	22/25x30
KSZ409-060806	6/8x6	KSZ409-242715	24/27x15
KSZ409-060808	6/8x8	KSZ409-242720	24/27x20
KSZ409-060810	6/8x10	KSZ409-242730	24/27x30
KSZ409-081006	8/10x6	KSZ409-252815	25/28x15
KSZ409-081008	8/10x8	KSZ409-252820	25/28x20
KSZ409-081010	8/10x10	KSZ409-252825	25/28x25
KSZ409-081012	8/10x12	KSZ409-252830	25/28x30
KSZ409-081015	8/10x15	KSZ409-252850	25/28x50
KSZ409-101208	10/12x8	KSZ409-283220	28/32x20
KSZ409-101209	10/12x9	KSZ409-283225	28/32x25
KSZ409-101210	10/12x10	KSZ409-283228	28/32x28
KSZ409-101212	10/12x12	KSZ409-283230	28/32x30
KSZ409-101215	10/12x15	KSZ409-303420	30/34x20
KSZ409-101220	10/12x20	KSZ409-303425	30/34x25
KSZ409-121406	12/14x6	KSZ409-303430	30/34x30
KSZ409-121410	12/14x10	KSZ409-303440	30/34x40
KSZ409-121414	12/14x14	KSZ409-323620	32/36x20
KSZ409-121415	12/14x15	KSZ409-323630	32/36x30
KSZ409-121420	12/14x20	KSZ409-323640	32/36x40
KSZ409-131510	13/15x10	KSZ409-323650	32/36x50
KSZ409-131520	13/15x20	KSZ409-353920	35/39x20
KSZ409-141615	14/16x15	KSZ409-353925	35/39x25
KSZ409-141620	14/16x20	KSZ409-353930	35/39x30
KSZ409-141625	14/16x25	KSZ409-353940	35/39x40
KSZ409-151710	15/17x10	KSZ409-353950	35/39x50
KSZ409-151715	15/17x15	KSZ409-364025	36/40x25
KSZ409-151720	15/17x20	KSZ409-364040	36/40x40
KSZ409-151725	15/17x25	KSZ409-364060	36/40x60
KSZ409-161807	16/18x7	KSZ409-404420	40/44x20
KSZ409-161810	16/18x10	KSZ409-404425	40/44x25
KSZ409-161812	16/18x12	KSZ409-404430	40/44x30
KSZ409-161815	16/18x15	KSZ409-404440	40/44x40
KSZ409-161820	16/18x20	KSZ409-404450	40/44x50
KSZ409-161825	16/18x25	KSZ409-455020	45/50x20
KSZ409-182015	18/20x15	KSZ409-455025	45/50x25
KSZ409-182020	18/20x20	KSZ409-455030	45/50x30
KSZ409-182025	18/20x25	KSZ409-455040	45/50x40
		KSZ409-455045	45/50x45
		KSZ409-455050	45/50x50
		KSZ409-455060	45/50x60
		KSZ409-505520	50/55x20
		KSZ409-505525	50/55x25
		KSZ409-505530	50/55x30
		KSZ409-505540	50/55x40
		KSZ409-505550	50/55x50
		KSZ409-505560	50/55x60
		KSZ409-555570	50/55x70
		KSZ409-556040	55/60x40
		KSZ409-556060	55/60x60
		KSZ409-60/65x30	60/65x30
		KSZ409-606540	60/65x40
		KSZ409-606560	60/65x60
		KSZ409-606570	60/65x70
		KSZ409-657040	65/70x40
		KSZ409-657060	65/70x60
		KSZ409-707540	70/75x40
		KSZ409-707560	70/75x60
		KSZ409-707580	70/75x80
		KSZ409-758025	75/80x25
		KSZ409-758040	75/80x40
		KSZ409-758080	75/80x80
		KSZ409-808540	80/85x40
		KSZ409-808580	80/85x80
		KSZ409-859040	85/90x40
		KSZ409-859080	85/90x80
		KSZ409-909550	90/95x50
		KSZ409-909590	90/95x90
		KSZ409-10010550	100/105x50
		KSZ409-10010595	100/105x95
		KSZ409-12012550	120/125x50
		KSZ409-12513030	125/130x30
		KSZ409-12513060	125/130x60
		KSZ409-130135100	130/135x60
		KSZ409-15015560	150/155x60

# KSB



Art. Nr.	d / D / D <sub>1</sub> x L
KSB409-0304,503	3/4,5/7x3
KSB409-0304,505	3/4,5/7x5
KSB409-0405,503	4/5,5/9x3
KSB409-0405,504	4/5,5/9x4
KSB409-0405,506	4/5,5/9x6
KSB409-050704	5/7/11x4
KSB409-050706	5/7/11x
KSB409-060804	6/8/12x4
KSB409-060806	6/8/12x6
KSB409-060808	6/8/12x8
KSB409-081005,5	8/10/15x5,5
KSB409-081009,5	8/10/15x9,5
KSB409-101207	10/12/18x7
KSB409-101217	10/12/18x17
KSB409-121410	12/14/20x10
KSB409-121412	12/14/20x12
KSB409-141615	14/16/22x15
KSB409-141630	14/16/22x30
KSB409-151712	15/17/23x12
KSB409-151717	15/17/23x17
KSB409-182017	18/20/26x17
KSB409-182022	18/20/26x22
KSB409-202312	20/23/30x12
KSB409-202315	20/23/30x15
KSB409-202320	20/23/30x20
KSB409-202322	20/23/30x22
KSB409-202325	20/23/30x25
KSB409-242722	24/27/32,5x22
KSB409-252822	25/28/35x22
KSB409-252832	25/28/35x32
KSB409-283217	28/32/38x17
KSB409-283228	28/32/38x28
KSB409-303418	30/34/45x18
KSB409-303422	30/34/45x22
KSB409-303432	30/34/45x32
KSB409-323632	32/36/42x32
KSB409-353913	35/39/48x13
KSB409-353926	35/39/47x26
KSB409-353922	35/39/50x22
KSB409-353932	35/39/50x32
KSB409-353940	35/39/50x40
KSB409-353950	35/39/50x50
KSB409-404425	40/44/55x25
KSB409-404440	40/44/55x40
KSB409-455032	45/50/56x32
KSB409-455038	45/50/56x38
KSB409-455045	45/50/56x45

Art. Nr.	d / D / D <sub>1</sub> x L
KSB409-505520	50/55/65x20,5
KSB409-505524	50/55/65x24
KSB409-505532	50/55/65x32
KSB409-505550	50/55/63x50
KSB409-556040	55/60/70x40
KSB409-556060	55/60/70x60
KSB409-606540	60/65/75x40
KSB409-606560	60/65/75x60
KSB409-657040	65/70/80x40
KSB409-657060	65/70/80x60
KSB409-707540	70/75/85x40
KSB409-707570	70/75/85x70
KSB409-758040	75/80/90x40
KSB409-758070	75/80/90x70
KSB409-808540	80/85/95x40
KSB409-808580	80/85/95x80
KSB409-909550	90/95/110x50
KSB409-909590	90/95/110x90
KSB409-10010550	100/105/120x50
KSB409-10010590	100/105/120x90
KSB409-11011590	110/115/130x90
KSB409-14014560	140/145/165x60