



Guide post 04

Stepping forward together with our customers

For more than 50 years, **SANKYO OILLESS** has been one of the leading manufacturers of maintenance-free sliding elements. As a leading supplier and pioneer in the production of stamping and press tool components for the automotive industry, **SANKYO OILLESS** supplies an products for many other applications such as mold making, engineering, packaging, heavy industry, aerospace and many more.

The technologies developed by **SANKYO OILLESS** have reduced or eliminated friction, wear and tear. In addition, **SANKYO OILLESS** provides services and quality products to offer you the best possible solutions for your requirements at all times.

The benefits of slide bearings versus roller bearings

In a variety of applications, designers are increasingly replacing roller bearings with slide bearings. In addition to ease of installation and cost effectiveness, slide bearings offer a number of distinct advantages. Slide bearings require less installation space, have a larger load bearing capacity, are maintenance-free or require little maintenance, are easier to assemble and are less susceptible to noise and vibration.

The following list gives an overview of the general advantages of bearings compared to bearings.

Slide bearing

- Higher load bearing capacity and reduced footprint
- Higher resistance to vibration and increased lifetime
- Easier installation
- Lower installation costs
- Increased shaft tolerances possible
- Compensates misalignment and reduces the edge load

Roller bearing

- sensitive to shock, vibration and edge load
- high costs for bearings, housings, counterfaces and - fixing materials
- large space required
- is prone to noise development

Technologies for top performance

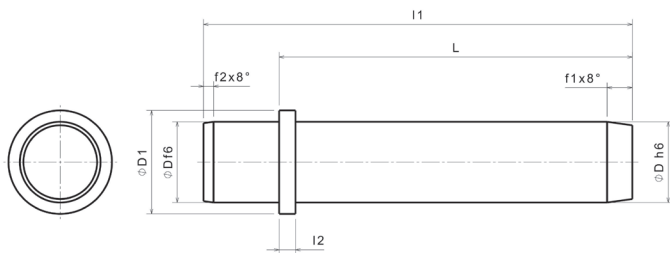
SANKYO products are manufactured in our own plants and distributed worldwide.

We offer high quality maintenance-free sliding elements acc. to international standards and standards for use in

- pressing tools
- injection molds
- general engineering

As an experienced specialist, we have the appropriate know-how in tribology to always offer the best solutions for your needs. We supply a large portfolio of lubrication-free sliding elements and also offer custom products acc. to customer drawing.

Quality and performance are our constant commitment!

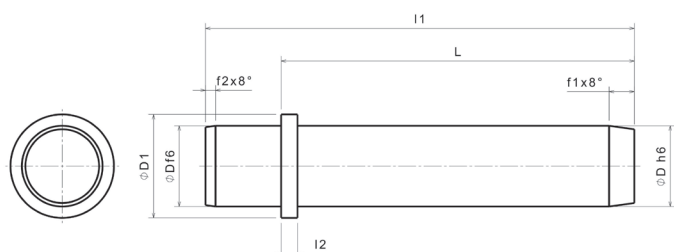


Properties:

Base material	Steel, hardened
Hardening depth	1 +0,5mm
Hardness	58 ±2 HRC

Article no.:	Article name:	Outer Ø D:	Length L:	D1:	l1:	l2:	f1:	f2:
84418070	04 18-70	18	70	26	90	3,5	8	3
84418080	04 18-80		80		100			
84418090	04 18-90		90		110			
84418100	04 18-100		100		120			
84418110	04 18-110		110		130			
84418120	04 18-120		120		140			
84418130	04 18-130		130		150			
84418140	04 18-140		140		160			
84418150	04 18-150		150		170			
84418160	04 18-160		160		180			
84419070	04 19-70	19	70	26	90	3,5	8	3
84419080	04 19-80		80		100			
84419090	04 19-90		90		110			
84419100	04 19-100		100		120			
84419110	04 19-110		110		130			
84419120	04 19-120		120		140			
84419130	04 19-130		130		150			
84419140	04 19-140		140		160			
84419150	04 19-150		150		170			
84419160	04 19-160		160		180			
84424070	04 24-70	24	70	33	94	5	10	4
84424080	04 24-80		80		104			
84424090	04 24-90		90		114			
84424100	04 24-100		100		124			
84424110	04 24-110		110		134			
84424120	04 24-120		120		144			
84424130	04 24-130		130		154			
84424140	04 24-140		140		164			
84424150	04 24-150		150		174			
84424160	04 24-160		160		184			
84424170	04 24-170	25	170	33	194	5	10	4
84424180	04 24-180		180		204			
84425070	04 25-70		70		94			
84425080	04 25-80		80		104			
84425090	04 25-90		90		114			
84425100	04 25-100		100		124			
84425110	04 25-110	25	110		134			
84425120	04 25-120		120		144			

Article no.:	Article name:	Outer Ø D:	Length L:	D1:	I1:	I2:	f1:	f2:			
84425130	04 25-130	25	130	33	154	5	10	4			
84425140	04 25-140		140		164						
84425150	04 25-150		150		174						
84425160	04 25-160		160		184						
84425170	04 25-170		170		194						
84425180	04 25-180		180		204						
84425200	04 25-200		200		224						
84432090	04 32-90	32	90	41	120	6,5			12	5	
84432100	04 32-100		100		130						
84432110	04 32-110		110		140						
84432120	04 32-120		120		150						
84432130	04 32-130		130		160						
84432140	04 32-140		140		170						
84432150	04 32-150		150		180						
84432160	04 32-160		160		190						
84432170	04 32-170		170		200						
84432180	04 32-180		180		210						
84432190	04 32-220		220		250						
84432200	04 32-200		200		230						
84432220	04 32-220		220		250						
84432240	04 32-240		240		270						
84432280	04 32-280		280		310						
84440100	04 40-100	40	100	51	137		6,5	12			5
84440110	04 40-110		110		147						
84440120	04 40-120		120		157						
84440130	04 40-130		130		167						
84440140	04 40-140		140		177						
84440150	04 40-150		150		187						
84440160	04 40-160		160		197						
84440170	04 40-170		170		207						
84440180	04 40-180		180		217						
84440200	04 40-200		200		237						
84444220	04 40-220		220		257						
84440240	04 40-240		240		277						
84440280	04 40-280		280		317						
84440315	04 40-315		315		352						
84450110	04 50-110	50	110	64	155	6,5			12	5	
84450120	04 50-120		120		165						
84450130	04 50-130		130		175						
84450140	04 50-140		140		185						
84450150	04 50-150		150		195						
84450160	04 50-160		160		205						
84450170	04 50-170		170		215						
84450180	04 50-180		180		225						
84450200	04 50-200		200		245						
84450220	04 50-220		220		265						
84450240	04 50-240		240		285						
84450280	04 50-280		280		325						
84450320	04 50-320		320		365						
84450380	04 50-360		360		405						



Properties:

Base material	Steel, hardened
Hardening depth	1 +0,5mm
Hardness	58 ±2 HRC

Article no.:	Article name:	Outer Ø D:	Length L:	D1:	l1:	l2:	f1:	f2:
84450400	04 50-400	50	400	64	445	6,5	12	5
84463120	04 63-120	63	120	76	169			
84463140	04 63-140		140		189			
84463160	04 63-160		160		209			
84463180	04 63-180		180		229			
84463200	04 63-200		200		249			
84463220	04 63-220		220		269			
84463240	04 63-240		240		289			
84463280	04 63-280		280		329			
84463320	04 63-320		320		369			
84463360	04 63-360		360		409			
84463400	04 63-400		400		449			
84480120	04 80-120	80	120	93	180			
84480140	04 80-140		140		200			
84480160	04 80-160		160		220			
84480180	04 80-180		180		240			
84480200	04 80-200		200		260			
84480220	04 80-220		220		280			
84480240	04 80-240		240		300			
84480280	04 80-280		280		340			
84480320	04 80-320		320		380			
84480360	04 80-360		360		420			
84480400	04 80-400		400		460			

