

Guide post 01

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

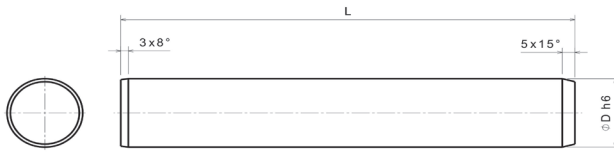
- pressing tools
- injection molds
- general engineering

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:
81002414	01 24-140	24	140
81002416	01 24-160		160
81002417	01 24-170		170
81002418	01 24-180		180
81002419	01 24-190		190
81002420	01 24-200		200
81002422	01 24-220		220
81002510	01 25-100	25	100
81002511	01 25-110		110
81002512	01 25-120		120
810025125	01 25-125		125
81002514	01 25-140		140
81002516	01 25-160		160
81002517	01 25-170		170
81002518	01 25-180		180
81002519	01 25-190		190
810025195	01 25-195		195
81002520	01 25-200	30	200
81002522	01 25-220		220
81003014	01 30-140		140
81003016	01 30-160		160
81003017	01 30-170		170
81003018	01 30-180		180
81003019	01 30-190		190
81003020	01 30-200		200
81003022	01 30-220		220
81003024	01 30-240		240
81003025	01 30-250	32	250
81003038	01 30-280		280
81003212	01 32-120		120
81003214	01 32-140		140
81003216	01 32-160		160
81003217	01 32-170		170
81003218	01 32-180		180
81003219	01 32-190		190
81003220	01 32-200		200
81003222	01 32-220		220
81003224	01 32-240		240

Article no.:	Article name:	Outer Ø D:	Length L:
81003225	01 32-250	32	250
81003245	01 32-450		450
81004014	01 40-140	40	140
81004016	01 40-160		160
81004018	01 40-180		180
81004020	01 40-200		200
81004022	01 40-220		220
81004024	01 40-240		240
81004025	01 40-250		250
81004028	01 40-280		280
81004030	01 40-300		300
81004031	01 40-315		315
810040355	01 40-355	42	355
81004036	01 40-360		360
81004216	01 42-160		160
81004218	01 42-180		180
81004220	01 42-200		200
81004222	01 42-220		220
81004224	01 42-240		240
81004225	01 42-250		250
81004228	01 42-280		280
81005016	01 50-160	50	160
81005017	01 50-170		170
81005018	01 50-180		180
81005019	01 50-190		190
81005020	01 50-200		200
81005022	01 50-220		220
81005023	01 50-224		224
81005024	01 50-240		240
81005026	01 50-260		260
81005027	01 50-270		270
81005028	01 50-280		280
81005030	01 50-300		300
81005031	01 50-315		315
81005032	01 50-320		320
81005033	01 50-330		330
81005035	01 50-350		350
81005036	01 50-355		355

Article no.:	Article name:	Outer Ø D:	Length L:
81005038	01 50-380	50	380
81005040	01 50-400		400
81005055	01 50-550		550
810050567	01 50-567		567
81005070	01 50-700		700
81005216	01 52-160	52	160
81005218	01 52-180		180
81005220	01 52-200		200
81005222	01 52-220		220
81005224	01 52-240		240
81005225	01 52-250		250
81005226	01 52-260		260
81005228	01 52-280		280
81005230	01 52-300		300
81005232	01 52-320		320
81005235	01 52-350		350
81005236	01 52-355		355
81005238	01 52-380		380
81005240	01 52-400		400
81005527	01 55-265	55	265
81006019	01 60-190	60	190
81006020	01 60-200		200
81006022	01 60-220		220
81006024	01 60-240		240
81006026	01 60-260		260
81006028	01 60-280		280
81006030	01 60-300		300
81006032	01 60-320		320
81006035	01 60-350		350
81006036	01 60-355		355
81006040	01 60-400		400
81006045	01 60-450		450
81006060	01 60-600		600
81006314	01 63-140	63	140
81006318	01 63-180		180
81006320	01 63-200		200
81006322	01 63-220		220
81006324	01 63-240		240
81006325	01 63-250		250
81006326	01 63-260		260
81006328	01 63-280		280
81006330	01 63-300		300
810063315	01 63-315		315
81006332	01 63-320		320
810063325	01 63-325		325
81006334	01 63-340		340
81006335	01 63-350		350
81006340	01 63-400		400
81006347	01 63-470		470
81006360	01 63-600		600

Article no.:	Article name:	Outer Ø D:	Length L:
81006518	01 65-180	65	180
81006522	01 65-220		220
81007036	01 70-360	70	360
81008020	01 80-200	80	200
81008022	01 80-220		220
81008023	01 80-230		230
81008024	01 80-240		240
81008025	01 80-250		250
81008026	01 80-260		260
81008028	01 80-280		280
81008030	01 80-300		300
81008032	01 80-315		315
81008035	01 80-350		350
81008038	01 80-380		380
81008040	01 80-400		400
81008042	01 80-424		424
81008043	01 80-430		430
81008045	01 80-450		450
81008050	01 80-500		500
81008070	01 80-700		700
81010022	01 100-220	100	220
81010030	01 100-300		300
81010031	01 100-315		315
81010035	01 100-350		350
81010036	01 100-355		355
81010040	01 100-400		400
81010045	01 100-450		450
81010050	01 100-500		500
81012540	01 125-400	125	400
81016050	01 160-500	160	500

