



RBC Pitchlign[®] Roller Bearings

Interchange Tables



Smoother. Faster. Longer. Because That's How We Roll.

Pitchlign® Roller Bearings Interchange



SJ Series

IR Series

TJ Series

JTEKT	RBC	SIZE
HJ-101812	SJ7133	5/8
HJ-122012	SJ7153	3/4
HJ-122016	SJ7154	3/4
HJ-142212	SJ7173	7/8
HJ-142216	SJ7174	7/8
HJ-162412	SJ7193	1
HJ-162416	SJ7194	1
HJ-182616	SJ7214	1 1/8
HJ-182620	SJ7215	1 1/8
HJ-202816	SJ7234	1 1/4
HJ-202820	SJ7235	1 1/4
HJ-223016	SJ7254	1 3/8
HJ-223020	SJ7255	1 3/8
HJ-243316	SJ7274	1 1/2
HJ-243320	SJ7275	1 1/2
HJ-263516	SJ7294	1 5/8
HJ-263520	SJ7295	1 5/8
HJ-283716	SJ7314	1 3/4
HJ-283720	SJ7315	1 3/4
HJ-303920	SJ7335	1 7/8
HJ-324116	SJ7354	2
HJ-324120	SJ7355	2
HJ-364824	SJ8406	2 1/4
HJ-364828	SJ8407	2 1/4
HJ-405224	SJ8446	2 1/2
HJ-405228	SJ8447	2 1/2
HJ-445616	SJ8474	2 3/4
HJ-445624	SJ8476	2 3/4
HJ-445628	SJ8477	2 3/4
HJ-486024	SJ8516	3
HJ-486028	SJ8517	3
HJ-526828	SJ9567	3 1/4
HJ-526832	SJ9568	3 1/4
HJ-567232	SJ9608	3 1/2
HJ-607632	SJ9648	3 3/4
HJ-648032	SJ9688	4
HJ-688432	SJ9728	4 1/4
HJ-729636	TJ6769	4 1/2
HJ-729640	TJ6770	4 1/2
HJ-8010436	SJ6849	5
HJ-8010440	SJ6850	5
HJ-8811240	TJ6918	5 1/2
HJ-8811248	TJ6919	5 1/2
HJ-9612040	SJ6925	6
HJ-9612048	SJ6926	6
HJ-10412840	SJ6935	6 1/2
HJ-10412848	SJ6936	6 1/2
HJ-11614648	SJ2326	7 1/4
HJ-12415448	SJ2426	7 3/4
HJ-13216248	SJ2526	8 1/4
HJT-101816	SJ7134S	5/8

JTEKT	RBC	SIZE
HJT-122016	SJ7154S	3/4
HJT-142216	SJ7174S	7/8
HJT-162416	SJ7194S	1
HJT-182620	SJ7215S	1 1/8
HJT-202820	SJ7235S	1 1/4
HJT-223020	SJ7255S	1 3/8
HJT-243320	SJ7275S	1 1/2
HJT-263520	SJ7295S	1 5/8
HJT-283720	SJ7315S	1 3/4
HJT-324120	SJ7355S	2
HJT-364828	SJ8407S	2 1/4
HJT-405228	SJ8447S	2 1/2
HJT-445628	SJ8477S	2 3/4
HJT-486028	SJ8517S	3
HJTT-101816	SJ7134SS	5/8
HJTT-122816	SJ7154SS	3/4
HJTT-142216	SJ7174SS	7/8
HJTT-162416	SJ7194SS	1
HJTT-182620	SJ7215SS	1 1/8
HJTT-202820	SJ7235SS	1 1/4
HJTT-223020	SJ7255SS	1 3/8
HJTT-243320	SJ7275SS	1 1/2
HJTT-263520	SJ7295SS	1 5/8
HJTT-283720	SJ7315SS	1 3/4
HJTT-324120	SJ7355SS	2
HJTT-364828	SJ8407SS	2 1/4
HJTT-405228	SJ8447SS	2 1/2
HJTT-445628	SJ8477SS	2 3/4
HJTT-486028	SJ8517SS	3
IR-061012	IR7133	5/8
IR-081212	IR7153	3/4
IR-081216	IR7154	3/4
IR-101412	IR7173	7/8
IR-111412	IR7173C	7/8
IR-101416	IR7174	7/8
IR-121612	IR7193	1
IR-121616	IR7194	1
IR-131616	IR7194C	1
IR-141816	IR7214	1 1/8
IR-141820	IR7215	1 1/8
IR-151816	IR7214C	1 1/8
IR-151820	IR7215C	1 1/8
IR-162016	IR7234	1 1/4
IR-162020	IR7235	1 1/4
IR-182216	IR7254	1 3/8
IR-182220	IR7255	1 3/8
IR-192420	IR7275	1 1/2
IR-202416	IR7274C	1 1/2
IR-202420	IR7275C	1 1/2
IR-212616	IR7294	1 5/8
IR-212620	IR7295	1 5/8

JTEKT	RBC	SIZE
IR-222620	IR7295C	1 5/8
IR-222820	IR7315D	1 3/4
IR-232816	IR7314	1 3/4
IR-232820	IR7315	1 3/4
IR-242816	IR7314C	1 3/4
IR-242820	IR7315C	1 3/4
IR-253020	IR7335	1 7/8
IR-243220	IR7355D2	2
IR-253220	IR7355D1	2
IR-263220	IR7355D	2
IR-273216	IR7354	2
IR-273220	IR7355	2
IR-283624	IR8406	2 1/4
IR-283628	IR8407	2 1/4
IR-314024	IR8446	2 1/2
IR-314028	IR8447	2 1/2
IR-324024	IR8446C	2 1/2
IR-324028	IR8447C	2 1/2
IR-354428	IR8477	2 3/4
IR-364424	IR8476C	2 3/4
IR-364428	IR8477C	2 3/4
IR-384828	IR8517	3
IR-404824	IR8516C	3
IR-404828	IR8517C	3
IR-445228	IR9567	3 1/4
IR-445232	IR9568	3 1/4
IR-475632	IR9608	3 1/2
IR-485632	IR9608C	3 1/2
IR-506032	IR9648	3 3/4
IR-526032	IR9648C	3 3/4
IR-526432	IR9688D	4
IR-546432	IR9688	4
IR-566432	IR9688C	4
IR-566832	IR9728	4 1/4
IR-606832	IR9728C1	4 1/4
IR-607236	IR6769	4 1/2
IR-648036	IR6849	5
IR-648040	IR6850	5
IR-688036	IR6849C	5
IR-728840	IR6918	5 1/2
IR-728848	IR6919	5 1/2
IR-809640	IR6925	6
IR-809648	IR6926	6
IR-8810440	IR6935	6 1/2
IR-8810448	IR6936	6 1/2
IR-9611648	IR2326	7 1/4
IR-10412448	IR2426	7 3/4
IR-11213248	IR2526	8 1/8
IR-12014048	IR2626	8 3/4
IR-12814848	IR2726	9 1/4

Pitchlign® Roller Bearings Interchange



MCGILL	RBC	SIZE
MR-10	SJ7134	5/8
MR-10-N	SJ7133	5/8
MR-10-RS	SJ7134S	5/8
MR-10-RSS	SJ7134SS	5/8
MR-12	SJ7154	3/4
MR-12-N	SJ7153	3/4
MR-12-RS	SJ7154S	3/4
MR-12-RSS	SJ7154SS	3/4
MR-14	SJ7174	7/8
MR-14-N	SJ7173	7/8
MR-14-RS	SJ7174S	7/8
MR-14-RSS	SJ7174SS	7/8
MR-16	SJ7194	1
MR-16-N	SJ7193	1
MR-16-RS	SJ7194S	1
MR-16-RSS	SJ7194SS	1
MR-18	SJ7215	1 1/8
MR-18-N	SJ7214	1 1/8
MR-18-RS	SJ7215S	1 1/8
MR-18-RSS	SJ7215SS	1 1/8
MR-20	SJ7235	1 1/4
MR-20-N	SJ7234	1 1/4
MR-20-RS	SJ7235S	1 1/4
MR-20-RSS	SJ7235SS	1 1/4
MR-22	SJ7255	1 3/8
MR-22-N	SJ7254	1 3/8
MR-22-RS	SJ7255S	1 3/8
MR-22-RSS	SJ7255SS	1 3/8
MR-24	SJ7275	1 1/2
MR-24-N	SJ7274	1 1/2
MR-24-RS	SJ7275S	1 1/2
MR-24-RSS	SJ7275SS	1 1/2
MR-26	SJ7295	1 5/8
MR-26-N	SJ7294	1 5/8
MR-26-RS	SJ7295S	1 5/8
MR-26-RSS	SJ7295SS	1 5/8
MR-28	SJ7315	1 3/4
MR-28-N	SJ7314	1 3/4
MR-28-RS	SJ7315S	1 3/4
MR-28-RSS	SJ7315SS	1 3/4
MR-30	SJ7335	1 7/8
MR-30-N	SJ7334	1 7/8
MR-30-RS	SJ7335S	1 7/8
MR-30-RSS	SJ7335SS	1 7/8
MR-31	SJ7345	1 15/16
MR-32	SJ7355	2
MR-32-N	SJ7354	2
MR-32-RS	SJ7355S	2
MR-32-RSS	SJ7355SS	2
MR-36	SJ8407	2 1/4
MR-36-N	SJ8406	2 1/4
MR-36-RS	SJ8407S	2 1/4
MR-36-RSS	SJ8407SS	2 1/4
MR-40	SJ8447	2 1/2
MR-40-N	SJ8446	2 1/2
MR-40-RS	SJ8447S	2 1/2
MR-40-RSS	SJ8447SS	2 1/2
MR-44	SJ8477	2 3/4
MR-44-N	SJ8476	2 3/4
MR-44-RS	SJ8477S	2 3/4
MR-44-RSS	SJ8477SS	2 3/4
MR-48	SJ8517	3
MR-48-N	SJ8516	3
MR-48-RS	SJ8517S	3
MR-48-RSS	SJ8517SS	3
MR-52	SJ9567	3 1/4
MR-56	SJ9608	3 1/2
MR-56-N	SJ9607	3 1/2
MR-56-RS	SJ9608S	3 1/2
MR-56-RSS	SJ9608SS	3 1/2
MR-60	SJ9648	3 3/4

MCGILL	RBC	SIZE
MR-64	SJ9688	4
MR-68	SJ9728	4 1/4
MR-72	TJ6769	4 1/2
MR-80	SJ6849	5
MR-88	TJ6919	5 1/2
MR-88-N	TJ6918	5 1/2
MR-104-N	SJ6935	6 1/2
MR-116	SJ2326	7 1/4
MR-132	SJ2526	8 1/4
MI-6	IR7134	5/8
MI-6-N	IR7133	5/8
MI-8	IR7154	3/4
MI-8-N	IR7153	3/4
MI-9-N	IR7153C	3/4
MI-10	IR7174	7/8
MI-10-N	IR7173	7/8
MI-11-N	IR7173C	7/8
MI-12	IR7194	1
MI-12-N	IR7193	1
MI-13	IR7194C	1
MI-13-N	IR7193C	1
MI-14	IR7215	1 1/8
MI-14-N	IR7214	1 1/8
MI-15	IR7215C	1 1/8
MI-15-N	IR7214C	1 1/8
MI-16	IR7235	1 1/4
MI-16-N	IR7234	1 1/4
MI-17	IR7255D	1 3/8
MI-18	IR7255	1 3/8
MI-18-N	IR7254	1 3/8
MI-19	IR7275	1 1/2
MI-20	IR7275C	1 1/2
MI-20-N	IR7274C	1 1/2
MI-21	IR7295	1 5/8
MI-21-N	IR7294	1 5/8
MI-22-4S	IR7295C	1 5/8
MI-22	IR7315D	1 3/4
MI-23	IR7315	1 3/4
MI-24	IR7315C	1 3/4
MI-24-N	IR7314C	1 3/4
MI-25	IR7355D1	2
MI-25-4S	IR7335	1 7/8
MI-26	IR7355D	2
MI-26-2S	IR7345	1 15/16
MI-27	IR7355	2
MI-28	IR8407	2 1/4
MI-28-N	IR8406	2 1/4
MI-30	IR8407C1	2 1/4
MI-31	IR8447	2 1/2
MI-32	IR8447C	2 1/2
MI-32-N	IR8446C	2 1/2
MI-34	IR8447C1	2 1/2
MI-35	IR8477	2 3/4
MI-36	IR8477C	2 3/4
MI-36-N	IR8476C	2 3/4
MI-38	IR8517	3
MI-39	IR8517C1	3
MI-40	IR8517C	3
MI-40-N	IR8516C	3
MI-42	IR9567D	3 1/4
MI-44	IR9567	3 1/4
MI-47	IR9608	3 1/2
MI-48	IR9608C	3 1/2
MI-48-N	IR9607C	3 1/2
MI-50	IR9648	3 3/4
MI-52	IR9648C	3 3/4
MI-54	IR9688	4
MI-56	IR9688C	4
MI-58	IR9728C	4 1/4
MI-60	IR9728C1	4 1/4
MI-62	IR6769C	4 1/2

MCGILL	RBC	SIZE
MI-64	IR6849	5
MI-68	IR6849C	5
MI-72	IR6919	5 1/2
MI-72-N	IR6918	5 1/2
MI-80	IR6926	6
MI-80-N	IR6925	6
MI-88	IR6936	6 1/2
MI-88-N	IR6935	6 1/2
MI-96	IR2326	7 1/4
MI-104	IR2426	7 3/4
MI-112	IR2526	8 1/4
MI-120	IR2626	8 3/4
MI-128	IR2726	9 1/4

INA	RBC	SIZE
NCS-1012	SJ7133	5/8
NCS-1016	SJ7134	5/8
NCS-1212	SJ7153	3/4
NCS-1216	SJ7154	3/4
NCS-1412	SJ7173	7/8
NCS-1416	SJ7174	7/8
NCS-1612	SJ7193	1
NCS-1616	SJ7194	1
NCS-1816	SJ7214	1 1/8
NCS-1820	SJ7215	1 1/8
NCS-2016	SJ7234	1 1/4
NCS-2020	SJ7235	1 1/4
NCS-2216	SJ7254	1 3/8
NCS-2220	SJ7255	1 3/8
NCS-2416	SJ7274	1 1/2
NCS-2420	SJ7275	1 1/2
NCS-2616	SJ7294	1 5/8
NCS-2620	SJ7295	1 5/8
NCS-2816	SJ7314	1 3/4
NCS2820	SJ7315	1 3/4
NCS3020	SJ7335	1 7/8
NCS-3220	SJ7355	2
NCS-3624	SJ8406	2 1/4
NCS-4024	SJ8446	2 1/2
NCS-4424	SJ8476	2 3/4
NCS-4824	SJ8516	3
NCS-5228	SJ9567	3 1/4
NCS-5632	SJ9608	3 1/2
NCS-6832	SJ9728	4 1/4
PI-081212	IR7153	3/4
PI-081216	IR7154	3/4
PI-101412	IR7173	7/8
PI-101416	IR7174	7/8
PI-121612	IR7193	1
PI-121616	IR7194	1
PI-141816	IR7214	1 1/8
PI-141820	IR7215	1 1/8
PI-162016	IR7234	1 1/4
PI-162020	IR7235	1 1/4
PI-182216	IR7254	1 3/8
PI-182220	IR7255	1 3/8
PI-202420	IR7275C	1 1/2
PI-212616	IR7294	1 5/8
PI-222620	IR7295C	1 5/8
PI-232820	IR7315	1 3/4
PI-242820	IR7315C	1 3/4
PI-253020	IR7335	1 7/8
PI-273220	IR7355	2
PI-283264	IR8406C	2 1/4
PI-283624	IR8407C1	2 1/4
PI-324024	IR8447	2 1/2
PI-364424	IR8477	2 3/4
PI-404824	IR8517	3
PI-445228	IR9568	3 1/4
PI-485632	IR9648	3 3/4

RBC Bearings® has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC Bearings® offers a full line of standard industrial and aerospace bearings, including:



Tapered Roller Thrust Bearings

Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.



Thin Section Ball Bearings

Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.



Cam Followers

Standard stud, heavy stud, yoke type, caged roller followers. Patented RBC Roller® cylindrical roller cam followers, HexLube® universal cam followers, airframe track rollers.



Cylindrical Roller Bearings

Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.



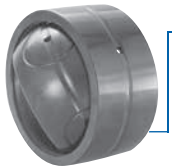
Needle Roller Bearings

Pitchline® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and TandemRoller® versions.



Commercial Rod Ends

Commercial and industrial, precision, Mil-Spec series, self-lubricating, and aircraft. Sold under the Heim®, Unibal®, and Spherco® names. Available in inch and metric sizes.



Spherical Plain Bearings

Radial, angular contact, extended inner ring, high misalignment. QuadLube®, ImpactTuff®, SpreadLock® Seal, CrossLube®, DuraLube™, and self-lubricating bearings. Available in inch and metric sizes.



Tapered Roller Bearings

Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.



TP Series Bearings

RBC Bearings® TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.



Keyless Locking Devices

Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corroding, and wallowing.



Lubron® Bearings

Lubron® self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.



Shaft Collars

Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.



Self-Lubricating Bearings

Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. Fiberglide® self-lubricating bearings.



Rigid Couplings

Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish type 303 stainless steel, or aluminum. Available in inch and metric sizes.



Specials

RBC Bearings® manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.



Ball Bearings

Precision ground, semiground, unground. High loads, long life, smooth operation. Nice® branded products are offered in caged and full complement configurations.



PIC Design®

Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.

