

**Linear Ball Bearings Cont.**

**INA MAX3 Linear Aligning Ball Bearings Cont.**



Part No.	Mfg. No.	Bore Size	Width	Length	Outer Diameter	Dynamic Load Bearing	Static Load Bearing
4122698	KS16-PP	16mm	36mm	26"	26mm	1430 N	1160 N
4122699	KS20	20mm	45mm	32"	32mm	2200 N	1730 N
4122700	KS20-PP	20mm	45mm	32"	32mm	2200 N	1730 N
4122701	KS25	25mm	58mm	40"	40mm	3950 N	3250 N
4122702	KS25-PP	25mm	58mm	40"	40mm	3950 N	3250 N
4122703	KS30	30mm	68mm	47"	47mm	5900 N	4500 N
4122704	KS30-PP	30mm	68mm	47"	47mm	5900 N	4500 N
4122705	KS40	40mm	80mm	62"	62mm	10200 N	7200 N
4122706	KS40-PP	40mm	80mm	62"	62mm	10200 N	7200 N
4122707	KS50	50mm	100mm	75"	75mm	15100 N	10400 N
4122708	KS50-PP	50mm	100mm	75"	75mm	15100 N	10400 N
4122709	KS012	12mm	32mm	22"	22mm	900 N	810 N
4122710	KS012-PP	12mm	32mm	22"	22mm	900 N	810 N
4122711	KS016	16mm	36mm	26"	26mm	1430 N	1160 N
4122712	KS016-PP	16mm	36mm	26"	26mm	1430 N	1160 N
4122713	KS020	20mm	45mm	32"	32mm	2200 N	1730 N
4122714	KS020-PP	20mm	45mm	32"	32mm	2200 N	1730 N
4122715	KS025	25mm	58mm	40"	40mm	3950 N	3250 N
4122716	KS025-PP	25mm	58mm	40"	40mm	3950 N	3250 N
4122717	KS030	30mm	68mm	47"	47mm	5900 N	4500 N
4122718	KS030-PP	30mm	68mm	47"	47mm	5900 N	4500 N
4122719	KS040	40mm	80mm	62"	62mm	10200 N	7200 N
4122720	KS040-PP	40mm	80mm	62"	62mm	10200 N	7200 N
4122721	KS050	50mm	100mm	75"	75mm	15100 N	10400 N
4122722	KS050-PP	50mm	100mm	75"	75mm	15100 N	10400 N

**INA MAX3 Linear Aligning Tandem Unit Ball Bushings**

INA Linear ball bearing and housing units are open linear ball bearing and housing units with two open self-aligning linear ball bearing



Part No.	Mfg. No.	Bore Size	Width	Length	Outer Diameter	Dynamic Load Bearing	Static Load Bearing
4122655	KTX08-PP	0.5000"	3-1/2"	3-1/2"	2.0000"	550 N	400 N
4122656	KTX10-PP	0.6250"	4"	4"	2.5000"	580 N	520 N
4122657	KTX12-PP	0.7500"	4-1/2"	4-1/2"	2.7500"	860 N	740 N
4122658	KTX16-PP	1.0000"	6"	6"	3.2500"	1620 N	1440 N
4122659	KTX20-PP	1.2500"	7-1/2"	7-1/2"	4.0000"	3000 N	2380 N
4122660	KTX24-PP	1.5000"	9"	9"	4.7500"	4200 N	3100 N
4122661	KTX008-PP	0.5000"	3-1/2"	3-1/2"	2.0000"	520 N	380 N
4122662	KTX010-PP	0.6250"	4"	4"	2.5000"	580 N	520 N
4122663	KTX012-PP	0.7500"	4-1/2"	4-1/2"	2.7500"	860 N	740 N
4122664	KTX016-PP	1.0000"	6"	6"	3.2500"	1620 N	1440 N
4122665	KTX020-PP	1.2500"	7-1/2"	7-1/2"	4.0000"	3000 N	2380 N
4122666	KTX024-PP	1.5000"	9"	9"	4.7500"	4200 N	3100 N

**Double Row Ball Bearing & Housing Units**

Deep groove 25° contact angle double row ball bearings provide high radial load ratings with good resistance to overturning moments allowing these to be part of a good rigid system.



Part No.	Mfg. No.	Bore Size	Width	Outer Diameter	Dynamic Load Bearing	Static Load Bearing	Speed
4121737	3200J	10mm		30mm	1562 N	6950 N	22000 rpm
4121738	3200J-2RS	10mm	14.28mm	30mm	1562 N	6950 N	14000 rpm
4121739	3201J	12mm	15.87mm	32mm	2057 N	9150 N	20000 rpm
4121740	3201J-2RS	12mm	15.87mm	32mm	2057 N	9150 N	13000 rpm
4121741	3202J	15mm	15.87mm	35mm	2248 N	10000 N	19000 rpm
4121742	3202J-2RS	15mm	15.87mm	35mm	2248 N	10000 N	12000 rpm
4121743	3203J	17mm	17.46mm	40mm	2878 N	12800 N	17000 rpm
4121744	3203J-2RS	17mm	17.46mm	40mm	2878 N	12800 N	10000 rpm
4121745	3204J	20mm	20.63mm	47mm	4271 N	19000 N	15000 rpm
4121746	3204J-2RS	20mm	20.63mm	47mm	4271 N	19000 N	8500 rpm
4121747	3205J	25mm	20.63mm	52mm	4631 N	20600 N	12000 rpm
4121748	3205J-2RS	25mm	20.63mm	52mm	4631 N	20600 N	7500 rpm
4121749	3206J	30mm	23.81mm	62mm	5485 N	24400 N	9500 rpm
4121750	3206J-2RS	30mm	23.81mm	62mm	5485 N	24400 N	6300 rpm
4121751	3207J	35mm	27mm	72mm	7396 N	32900 N	8500 rpm
4121752	3207J-2RS	35mm	26.98mm	72mm	7396 N	32900 N	5300 rpm
4121753	3208J	40mm	30.16mm	80mm	9554 N	42500 N	7500 rpm
4121754	3208J-2RS	40mm	30.16mm	80mm	9554 N	42500 N	4800 rpm

**Puller Sets**

The POSI LOCK line of quality manual gear and bearing pullers sets the standard for quickness, ease and convenience, making it a one-man operation. The T-handle and Cage® control the jaws at all times. This means the opening, closing, locking and aligning of the jaws is all done automatically by simply turning the T-handle. Cage® design pullers provide superior locking power. The no-slip feature saves wear and tear on components removed.

- POSI LOCK's unique design allows completion of the following applications eliminating the need for many specialty pullers:
  - Alternator pulley removal
  - Battery terminal removal
  - Harmonic balancer pulley removal
  - Transmission and differential yoke removal
  - Steering wheel removal
  - Power-steering pulley removal
  - Pitman arm removal
  - Timing gear and sprocket removal
  - Differential side bearing removal
  - Steering arm and linkage removal
  - U-joint removal and installation
  - Removal of failed ball bearings by clamping in the ball groove of bearing race
  - Removal of tapered roller bearing by clamping on lip of race
  - Pinion bearing removal
  - Brake Drum removal
  - Transmission bearing removal

Meets Federal specification GGG-P-781d



**General Purpose Pullers - Puller Sets**

Part No.	Capacity	Model No.	Style	Contents	Weight
0401858*	5 - 20 ton	PM4	Manual	(1) Each POSI LOCK® #104, 106, 110, 206 Manual Puller, (1) P4, (2) P6, (1) P10 Tip Protectors, (1) Tool Board and Accessories	45.5 lb
0401859*	2 - 20 ton	PM5	Manual	(1) Each #103, 104, 106, 110, 206 Manual Puller, (1) P4, (2) P6, (1) P10 Tip Protectors, (1) Tool Board and Accessories	51.0 lb

\*Manufactured by a Woman-Owned Business

**Pullers**

**General Purpose Pullers - Three Jaw Pullers**

- Jaws are fixed in place by the Cage®
- Jaws grip and lock into a failed bearing race
- Easy one person operation



Part No.	Capacity	Spread	Reach	Weight
0204022*	1 ton	1/4" - 3-1/4"	2-1/4"	0.68 lb
0204025*	10 ton	1/2" - 7"	6"	8.00 lb
0204028*	30 ton	2-1/2" - 18"	12"	55.00 lb
0204026*	17 ton	3/4" - 12"	8"	14.00 lb
0204024*	5 ton	1/2" - 5"	4"	4.00 lb
0204027*	20 ton	1" - 15"	10"	16.00 lb
0204023*	2 ton	1/4" - 4-1/2"	3"	1.45 lb

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