

1	<b>VIBRATORY (E.G., PIEZOELECTRIC OR KINETIC BEARING</b>	43	.Recirculating
		44	..Roller
2	<b>NONJOINT, NONROTATING FULCRUM BEARING</b>	45	..No cylindrical race
		46	.Roller bearing for extensive cylinder
3	.Knife-edge fulcrum		
4	..Edges up and down	47	.Alternating roller; or antifriction bearing for auto seat
5	..Edge up		
6	..Edge down		
7	<b>LINEAR BEARING</b>	48	.Combined ball and roller bearings
8	.With detection, nonbearing magnetic or hydraulic feature	49	.Ball bearing
9	.With temperature, electrical, or orthogonal feature	50	.Roller bearing
		51	..Cage configuration
10	.Tensioned or resilient race or roller member	52	..Cylindrical inner or outer track
		53	..Location of plural roller sets; more than two telescoping members
11	.For crosshead		
12	.Fluid bearing		
13	.Lubricating		
14	..Bearing for valve stem	54	..Resilient member
15	.Combined with seal or guard	55	..Raceway configuration
16	..Annular	56	..Nonaxle supported roller structure
17	.For extension table		
18	.Ball bearing for drawer	57	..Adjustment or self-alignment means
19	.Roller bearing for drawer		
20	.Plain bearing for drawer	58	..Roller-on-axle bearing
21	..Stop, detent, or lock	59	..Assembling means
22	..Anchoring or aligning means	91	<b>ROTARY BEARING</b>
23	..Specified race structure or material	92	.Roller drill bit
		93	..Lubricating detail
24	.Having relatively movable parts for latera insertion and retention of shaft	94	..Seal detail
		95	..Inserts or bearing surface detail
25	.Combined plain and antifriction	96	..Roller cone retaining means
26	.Plain bearings	97	.Water lubricated propellor shaft or well shaft
27	..For flush tank		
28	..For valve stem	98	..With elongated strips or staves
29	..Cylindrical outer race	99	.Hydraulic or pneumatic bearing support
30	..For die set or stamping mill shaft	100	.Fluid bearing
		101	..With antifriction bearing
31	..For hand-held drill shaft	102	...Backup
32	..For piston rod	103	..Flexible member
34	..For seat	104	...Plural ends fixed
35	..More than two telescoping members	105	...Thrust bearing
		106	...Auxiliary resilient support
36	..For structural installation	107	..Radial and thrust
37	..Resilient supporting member	108	...Spherical
38	..Self-aligning	109	...Gas bearing
39	..Gib	110	...Conical
40	..With adjustment means	111	...Outer recess forming fluid pad
41	..Assembling means	112	...Grooved thrust bearing surface
42	..Specified pad, liner, wear plate or race structure; bearing material	113	...Central member recess
		114	..Radial

115	...Shaft recess	158.1	...With resilient mounting member
116	...Half-circular or less outer member	159	...With guard or seal
117	...Pivoted fluid pad	160	...Lubricating
118	...Outer recess forming fluid pad	161	....For thrust bearing
119	...Resilient mounting member or seal	162	....For brass bearing
120	...Circumferential groove in outer member	163	.....Reservoir fed
121	..Thrust	164	.....Capillary
122	...Pivoted fluid pad	165	....With lower reservoir
123	...Grooved bearing surface	166	.....Journal operated feed
124	..Resilient mounting member or seal	167	.....Band
125	..Resilient bearing surface	168	.....Centrifugal
126	..Plural bearings one plain and one antifriction	169	.....Pump
127	..Roller	170	....Capillary
128	...Tapered roller	171	.....With wick biasing means
129	..Plain bearing	172	.....Metal spring
130	..With specified seal	173	.....Coil spring
131	...Fluid actuated	174	.....Rubber
132	...Fluid barrier	175	.....With capillary material retainer
133	....Magnetic fluid	176	.....Integral with box
134	....Gas	177	....Including roller applicator
135	...Centrifugal	178	.....Yeildably supported
136	....With wick	179	.....Coil spring
137	...And scraper	180	.....Spring under compression
138	...Unitary bearing and seal	181	...Wick structure
139	...Relatively rotatable radially contracting	182	...Sheet metal journal box
140	....Flexible sealing member	183	...With journal retainer and guide
141	....Diaphragm	184	...Lateral guide
142	....Axially translatable member rotatable with shaft	185	....Mounting feature
143	....Plural seals	186	.....Resilient
144	...Labyrinth	187	...Interior
145	...Arcuate bearing surface	188	...Includes thrust bearing
146	....Axially spaced lip	189	...Lid
147	...Lip seal	190	...Mounted for swinging
148	....With radially acting bias means	190.1	....About pivot at right angle to plane of lid
149	...Radially contained packing with axially acting follower	190.2	.....Spring and cam biased open
150	...Mechanically actuated	190.3	.....With roller
151	...Resilient sealing surface	190.4	.....Spring biased closed
152	....O-rings	190.5	....Sliding
153	....Elastomeric	190.6	....Lid structure
154	..Rocking type bearing	190.7	....With latch
155	...Lubricated	191	...Brasses
156	...Movable pivot axis	191.1	....Self aligning
157	..For plow or colter disk	191.2	....Bearing surface liner or inserts
158	..Railway car journal	191.3	....Assembling means
		191.4	....Mounting structure
		192	..Self-adjusting or self-aligning
		193	...For vertical shaft
		194	...With lower thrust and upper radial bearing

195	....Oscillatory suspension	245	.....Spherical shaft end
196	.....Resiliently centered	246	.....Conical shaft end
197	....Oscillating thrust bearing	247	..With adjustment means
198	.....Resiliently centered	248	...For thrust bearing
199	....Shaft balancing means	249	....Threaded member moves axially
200	.....Resiliency on radial bearing	250	....For crankshaft
201	....Having body and spindle connector	251	....For thrust plate
202	...Resilient	252	...And support
203	....Ball and socket	253	....Simultaneous adjustment
204	.....For electric motor	254	....For horse power or sand reel
205	...Fixed pivot axis	255	....Eccentric
206	...Ball and socket	256	....For roller end support
207	....Sheet metal socket	257	....For suspended shaft
208	....Assembly	258	.....Screw adjustment
209	.....Separable ball retaining member	259	.....Horizontal and vertical
210	.....Lock ring	260	....Rectilinear
211	.....Of ball	261	...Bearing surface
212	.....Sectional	262	....For axle
213	....With lubricating means	263	....Adjustable bearing surface segment
214	.....Having felt or wick	264	.....Axial adjustment
215	..With resilient mounting member	265	.....Axially spaced annular segments
216	...For connecting rod	266	.....Two opposed bearing surface segments
217	...Lock type	267	.....With wedge adjustment
223	...For thrust bearing	268	.....For connecting rod
224	....Pivoted pad	269	.....Transverse screw adjustment
225	....Helical coil spring	270	.....For connecting rod
218	...Coil spring	271	....Tapered sleeve
219	....Biased bearing surface segment	272	.....Split
220	...Nonmetallic	273	....Split sleeve
221	....Laminated	274	....Pressure applying
222	....Cylindrical	275	..Radial collar and sleeve
226	..For vertical shaft	276	..Specified sleeve or liner
227	...Spinning spindle	277	...Insulating
228	....With thrust and radial bearing	278	...Temperature compensating
229	.....Adjustable spindle	279	...Porous metal
230	.....Laterally resilient	280	...Liner on shaft
231	.....Resilient sleeve	281	....Removably secured
232	.....Volute coil spring	282	...Bearing surface insert
233	.....Helical coil spring	283	....Groove
234	.....Fluid damping	284	....Pocket array
235	.....Rubber	285	.....Circular pocket
236	.....At fixed end	286	...Lubricant distributing
237	.....With interior dead shaft	287	....High speed
238	.....Pivoting spindle	288	....For crankshaft
239	....Bolster type bearing	289	....For rotary member
240	....Lower end thrust bearing	290	.....Outer sleeve on shaft
241	....With lubricating means	291	....Groove
242	...Base supported table or drum	292	.....Helical or herring bone
243	...Lower end thrust bearing	293	....Pocket array
244	....For shaped shaft end	294	...For crankshaft

295	...Mounting feature	391	....Center feed
296	....Radial protrusion or sleeve end flange	392	....Including distributing means
297	...Nonmetal	393	....Including inward deflector
298	....Fabric layer and capillary passages	394	....Including rotary blade
299	....Nylon	395	....With agitator
300	....Polytetrafluorethylene (e.g., Teflon*)	396	...Bolt type shaft
301	...Spirally split	397	...For rotary shaft
302	..Distributed weight	398	....Forced feed
303	...For thrust bearing	399	.....Lubricant metering structure
304	....Tandem thrust	400	....Reservoir external to bearing
305	....Grooved	401	....Upper reservoir for horizontal shaft
306	....Pivoted pad	402	....Capillary
307	.....With lubricating means	403	....Lower reservoir for horizontal shaft
308	.....Pad mounting structure	404	.....Shaft operated elevating means
309	...Pivoted pad	405	.....Band or chain
310	...Noncircumferential	406	.....Ring type
311	....Lubricant supply structure	407	.....Roller or ball
312	....Pad mounting structure	408	....Capillary
313	..Cooling by lubricant	409	.....With wick biasing means
314	..Emergency lubrication	410	.....With wick retainer
315	...Water lubrication	411	.....Differing capillary properties
316	..Fluid path	412	.....With lubricant impelling means
317	..Specified cooling means	413	.....Wick structure
318	..Mist	414	....Suction or pressure
319	...Frozen lubricant	415	....For vertical shaft
320	..Nonliquid cooling	416	..for rotary member
321	..Coolant path	417	...Pulley
322	..Lubricating	418	...Roller
368	...For thrust bearing	419	....Elongated
369	....Forced feed	420	..Thrust bearing
370	....Capillary	421	...For pivot of towed vehicle
371	....For bearing at end of shaft	422	...For pivot of vehicle wheel frame
372	...Fixed shaft	423	...For railway car side
373	....Forced feed	424	...Axially spaced collars
374	....Yoke reservoir	425	...Including thrust plate at shaft end
375	....Shaft-supported reservoir	426	....Plural end plates
376	.....At end of shaft	427	....Axially related hub liner
377	....Specified external feed	428	..Mounting or support
378	.....Spiral groove	429	...For crankshaft
379	.....Capillary	430	....Connecting rod
380	....Internal feed	431	....Pedal type crank
381	.....Internal reservoir	432	....Block and cap type
382	.....Capillary	433	.....Engine housing closure
383	.....Capillary	434	...Block and cap type
384	....Clearer and agitator	435	...Lock type
385	...Reservoir in rotating member	436	....Pivoted
386	....Removable reservoir	437	.....Having bolt securing means
387	....Capillary		
388	....With feed regulator		
389	....Feed to shaft end and center		
390	....End feed		

438	...Machine housing	476	...With cooling, heating or insulating
439	..Mounted in wall aperture	477	...With specified seal
440	..Bearing surface integral with support	478	....Centrifugal loading or slinging; fluid seal
441	...Annular support	479	....Pressure establishing or loading
442	...Single direction	480	....Labyrinth
443	....From above	481	....Relatively rotatable radially contacting
444	....From below	482	....Resilient sliding surface material
445	..Antifriction bearing	483	....Radially contained packing with axially acting follower
446	..Nonbearing magnetic feature	484	....Lip seal
447	..Elliptical, eccentric, alternating roller, or mass ball features; compensating for nonthermal deformation; centrifugal preload	485	.....Radially outward lip
448	..Sensor or inspection features; liquid metal or shipping protection features; bearing member integral with seal	486	.....Plural lips
449	..Outer race integral with wheel	487	....Radially opening U-shaped retainer
450	..Skew prevention; formular relationship	488	....Flange small clearance
451	..Recirculating or nonannular path	489	....O-ring or end cap seal
452	..Radial bearing with separate thrust bearing; radial ball-thrust roller	490	...Ball bearing
453	...Radial ball-thrust ball	491	...Ball structure
454	...Radial roller-thrust ball	492	...Ball or race composition or material
455	...Radial roller-thrust roller	493	...Temperature compensation
456	..Radial bearing	494	...Ball and roller bearings
457	...For crankshaft	495	...Self-aligning
458	....For pedal crank	496	.....Ball to larger spherical surface
459	...Railway car journal	497	.....Radially outer larger spherical surface
460	...Disk plow	498	.....Conforming spherical surfaces
461	...Concentric	499	....Split race
462	...Lubricating	500	.....With race adjustment means
463	....Solid lubricant feature	501	.....Double split
464	....Dipping, surface treatment or member versus lubricant density	502	.....Split ring
465	....Centrifugal feature	503	.....Fractured split
466	....Jet, baffle or valve	504	.....Plural rows balls
467	....Cooling by lubricant	505	.....One race only split
468	....Oil mist feature	506	.....Inner race split
469	....Porous or wick structure	507	....Slot for ball insertion
470	....Cage structure	508	....With means for blocking slot
471	....With pressure or suction means	509	.....Blocking by cage
472	....Impeller	510	....Specified means facilitating assembly or disassembly
473	....Reservoir, filter or lubrication circuit structure	511	....Annular opening for ball insertion
474	....Lubrication port	512	....Plural axially spaced balls with integral race
475	.....In race	513	....Specified bearing race structure

514	.....Strictly conical contact surface	558	....Self-aligning
515	.....Including radial race flange	559	....Means facilitating assembly or disassembly
516	.....Ball groove surface detail	560	.....By cage or race structure
517	....Axially biased race	561	.....By groove and ring
518	.....Coil spring	562	.....By threaded member
519	....Adjustment means	563	....Axially biased race or roller
520	....Discrete spacing member	564	....Race end structure
521	.....Ball spacer	565	....Roller structure
522	.....Roller spacer	566	....Helical feature
523	....Cage structure	567	....Hollow
524	.....Including antifriction members	568	....Curved roller
525	.....Wire cage	569	....Race, liner or sleeve
526	.....Resilient feature	570	.....Split ring
527	.....Material, composition or laminate	571	.....Tapered race
528	.....Fully circular aperture for ball	572	....Cage structure
529	.....Two circular apertures per ball	573	....Wire, filament, segmented or surface treated
530	.....Plural elements joined to form an aperture	574	....Projecting into or through roller
531	.....U- or C-shaped slot	575	.....Uniform sheet metal
532	.....Unitary uniform strip	576	.....Nonmetallic
533	.....Entirely noncircular or nonconforming pocket	577	.....Split ring or open slot
534	.....Unitary member	578	.....Nonunitary
535	....Resilient support member	579	.....Bolted, welded or with spring
536	.....Elastomer or plastic	580	....Lip on transverse bar
537	....Assembling means	581	....Resilient support member
538	.....Wedge means	582	.....Elastomer or plastic
539	.....Snap means	583	....With adjustment means
540	.....Threaded sleeve	584	....Assembling means
541	.....Radial set screw	585	.....Race fastening means
542	.....Bolt	586	....Fixed shaft and rotating outer member
543	....Fixed shaft and rotating outer member	587	.....Outermost element cylindrical
544	.....For hub	588	.....Outermost element grooved
545	.....For bicycle hub	589	.....For hub
546	.....Outermost member cylindrical	590	..Thrust bearing
547	.....Outermost member grooved	591	...Vehicle center
548	...Roller bearing	592	....Ball
549	....Fixed supporting roller	593	....Roller
550	....Toothed	594	...Railway truck center bearing
551	....Discrete circumferential or axial spacer	595	...Railway truck side bearing
552	.....Spaced by balls	596	....Ball
553	.....Spaced by rollers	597	....Roller
554	.....With associated rings	598	.....Toothed
555	.....Mating grooves and projections	599	.....With self-adjustment means
556	....Hydraulic axial jacking	600	.....Assembling means
557	....Temperature compensation	601	....Contaminant elimination; adjustment means
		602	.....Adjustment by shim
		603	...Spinning spindle

604 ...Different size rolling  
elements; spacers; noncircular  
array

605 ...Temperature compensation

606 ...Lubricating

607 ...Seals

608 ...Concentric rolling members

609 ...Ball bearing

610 ....Single ball

611 ....Resilient feature

612 ....Self-aligning

613 ....Plural rows balls or tandem  
thrust

614 ....Cage structure

615 ....Race structure

616 ....Adjustment means

617 ....Assembling means

618 ...Roller bearing

619 ....Roller structure or  
orientation; plural axially  
spaced rows or tandem thrust

620 ....Resilient feature; adjustment  
or self-alignment means;  
assembling means

621 ....Race and cage structure

622 ....Race structure

623 ....Cage structure

624 **BEARING SAFETY OR SELF-CLEANING  
MEANS**

625 **BEARING-SURFACE TREATMENT**

626 **SHIM FOR BEARING**

627 **MISCELLANEOUS**

**FOREIGN ART COLLECTIONS**FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS****CROSS-REFERENCE ART COLLECTIONS**

900 **COOLING OR HEATING**

901 .Floating bushing

902 .Porous member

903 .Retaining ring

904 .Propeller shaft outer bearing

905 .Temperature compensation

905.1 .Cup-shaped bearing

906 .Antirotation key

907 .Bearing material or solid  
lubricant

907.1 .Jewel, glass, ceramic or carbon

910 .Powders

911 .Including fiber

908 .Nylon or polytetrafluorethylene

909 .Plastic

912 .Metallic

913 .Metallic compounds

