

AUTOMOTIVE BEARINGS

Wheel bearings

Automobile air conditioner bearing

Automotive water pump bearing

Automotive clutch release bearing

AUTOMOBILWÄTZLAGER

KUPPLUNGSLAGER



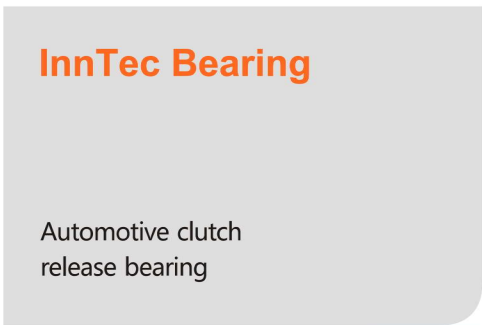
AUTOMOTIVE BEARINGS

InnTec manufactures bearings that make the vehicle safer, more comfortable and more environmentally-friendly. Our products include small and light high quality wheel hub bearings with sustained life, power-boosting water pump bearings crafted by advanced technology, tensioner bearings as a key component of automotive engine, smooth-running and wearing-resistant transmission bearings.

All our automotive wheel bearings, transmission and gear box bearings, generator bearings, clutch and tensioner bearings are manufactured with optimized design and advanced technology using premium heat-treated high carbon chromium bearing steel. They can be divided into five bearing categories: deep groove ball bearings, tapered roller bearings, angular contact ball bearings and needle roller bearings.

FEATURES

- Precision grade available with P0, P6 and P5.
- Optimized internal clearance in accord with working conditions as per customers' requirements.
- Cage material available with sheet steel, polyamide, brass and bakelite.
- Imported clean lubrication grease to reduce friction and achieve low-noise and heat-resistant performance and long life.
- Seals and shields preventing grease leakage and contamination.
- Optimized design to cope with high or low temperature environments.
- bearings with snap ring groove, snap ring or tension ring on one side or both sides are also available.
- various applications in axle, gear box, clutch, wheel hub, generator, starter motor, air conditioner, etc.



Principle Dimensions								Bearing numbers
d (mm)	D(mm)	T(mm)	D1max	D2min	D3	B	Rsmin	
	30	13	55		36	12.5	0.3	TM3013
	38	11	49	41	30.5	8.5	0.3	TZ3011
	46	16	57	49	36	15.5	0.3	TZ3016
		16	49			8.5	0.3	38RTZ3013
33	61	15	60			13.5	0.5	46RTZ3315
35		14	62		41	13.5	0.5	TM3514
		18	70			14	0.6	61RTM3518
		13	57	49	35.5	10.5	0.5	TZ3513
		17	64	56	41	16.5	0.5	TZ3517
38	45.2	14	56.6			12.5	0.6	45RTZ3514
38.1	48	15.5	66.6			14.4	0.6	48RTZ3816
40	48	16.5	66.6			14.4	0.6	48RTZ3817
		15	68		46	14	0.5	TM4015
	50	20	69.7			16	0.6	50RTM4020
		14	64	56	40.5	11	0.5	TZ4014
		18	70	62	46	17	0.5	TZ4018
45	50	16	64	56	40.5	11	0.5	50RTZ4016
		16	75			15	0.5	TM4516
	55	17.5	74			15	0.6	55RTM4518
		14	70	62	45.5	11	0.5	TZ4514
		17.5	73.6		48	12	0.6	TZ4518
		19	77	69	51	18	0.5	TZ4519
	55	16	70.5			11	0.5	55RTZ4516
	54	17.5	73.6			12	0.6	54RTZ4518
	54	17.5	74			15.3	0.6	54RZTM5418
50	62	17.5	73.6			12	0.6	65RTZ4518
		16	80		56	15	0.5	TM5016
		14	74	66	50.5	11	0.5	TZ5014
		19	82	74	56	18	0.5	TZ5019
53	59	16	74.5			11	0.5	59RTZ5016
		19.5	85		55	14.5	1.1	TM5320
	62	20	83.6		56	16	0.6	TZ5320
55	59	21	83.6			19	0.8	62RTZ5321

Principle Dimensions								Bearing numbers
d (mm)	D(mm)	T(mm)	D1max	D2min	D3	B	Rsmin	
		23	83.6			16	0.6	59RTZ5323
	62	18	90		67.5	17	1.1	TM5518
		21	82			19	0.6	62RTM5521
		16	82	74	55.5	13	0.8	TZ5516
		21	91.6		58	16.5	1.1	TZ5521
60	65	22	92	84	63	21	0.8	TZ5522
		19	82.5			13	0.8	65RTZ5519
		18	95		68	17	0.8	TM6018
65		16	87	79	60.5	13	0.8	TZ6016
		22	97	89	68	21	0.8	TZ6022
		18	100		73	17	0.8	TM6518
		16	92	84	65.5	13	0.8	TZ6516
		22	102	94	73	21	0.8	TZ6522
		22	102		75.9	21	1.1	TM6522
70		23	101.6		68	17.5	0.6	TZ6523
		25	110		77.3	24	1.1	TM7025
		20	110		78	18.5	0.8	TM7020
75		18	102		70.5	18.5	0.8	TZ7019
		24	112	104	78	22.5	0.8	TZ7024
		20	115		83	18.5	0.8	TM7520
		19	107	99	75.5	15.5	0.8	TZ7519
80		24	118	109	83	22.5	0.8	TZ7524
		28	115		78	20	1.1	TM7528
		22	125		88	20.5	0.8	TM8022
85		19	112	104	80.5	15.5	0.8	TZ8019
		17	128	119	88	25.5	0.8	TZ8027
		22	130		93	20.5	1	TM8522
		22	122	114	85.5	18.5	1	TZ8522
28	45.2	17	133	124	93	25.5	1	TZ8527
33	54	22.8			57	30	36.8	45RWT2823F2
		37.5			74	47.5	44	54RWT3338F2
34		45.5	48	67	74	55.5	44	WT3346F2
35		14.2	36.5	52.5	94.5	24	72.2	NT3414F1

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Principle Dimensions								Bearing numbers
d (mm)	D(mm)	T(mm)	D1max	D2min	D3	B	Rsmin	
		33	55		84	49	48	WT3533F2
		33			74	49	48	WT3533F2-1
	50	39.5	56	78	84	51.5	53	WT3540F2
	62	34			70	45	44	50RWT3534F2
36.5		34			83.6	50	48	65RWT4437F2
44		41	48	67	70	50.5	49	WT3741F2
	62	55.5	56	78	84	66	55.8	WT4456F2
47.5		36.5			84	51.5	53	62RWT4437F2
		59	67.3	92	114	75	86	NT4859F2
		55	67	90	90	71	86	WT4855F2
		64	58	78	98	80	86	NT4864F2
		65	67.3	98	114	81	86	NT4865F2
54		48.5	67.3	105.8	114	63.3	86	NT5549F2
55		45.5	67.3	92	114	80	51	NT5446F2
		53.5	71	100	120	83.5	83	NT5554F2
		59	67.6	92	114	73.8	86	NT5559F2
56		52.5	70.8		116.6	62	66.8	NT5653F2
57		37	57.3	95	102	56	74.9	NT5737F3
		37	57.3	109	102	56	74.9	NT5737F3-1
		37	64.6	95	102	56	74.9	NT5737F3-2
		42	58	100	110	62	75	NT5742F2
		42	71	100	120	62	74.9	NT5721F2
		47	57.3	95	102	66	74.9	NT5747F3
		62	57.3	95	102	81	74.9	NT5762F3
		78.5	57.3	95	102	97.5	74.9	NT5779F3
		78.5	57.4	109	102	97.5	74.9	NT5779F3-1
		40	67	100	110	59	74.9	NT5740F3-1
		40	71	100	110	59	75	NT5740F3
		60	67.3	96	114	80	86	NT5760F2
		60	67.3	106	114	80	86	NT5760F2-1
24.08	34	20.5			48.5	30.5	61.5	34RCTY2421F0
28	44	22			57.5	32	55	44RCT2822F0



InnTec Bearing

Automotive clutch release bearing

Principle Dimensions								Bearing numbers	
d (mm)	D(mm)	T(mm)	D1max	D2min	D3	B	Rsmin		
		48	22		57.5	32	55	48RCT2822F0	
		50	22		57.5	32	55	50RCT2822F0	
		44	22.5		61.5	28.4	44.5	44RCT2823F0	
		45	22.5		57	28.4	45	45RCT2328F0	
		39.5	26.5		62	39.2	90.2	40RCT2827F0	
29.1		47	20.7		61.8	34	37.5	47RCT2921F0	
30		47	19.5		57.5	24.5	45	47RCT3020F0	
			22.5	37	47.2	67.5	45	86.7	CTYQ3026F0
31		47	23		70	37	53	47RCT3121F0	
31.75		48	21		62.2	33	60	48RCT3221F0	
		55	32		67	40	46	55RCT3232F0	
		55	32		70	40	46	55RCT3232F0	
32		54	32		75	40	46	54RCT3232F0	
		48	38		67	50	40	48RCT3238F0	
		54	38		67	50	40	54RCT3238F0	
		55	38	43.5	67	50	40	55RCT3238F0	
33		48	21.3		67.1	27.6	50	48RCT3321F0-1	
		48	21.3		67.1	29.8	50	48RCT3321F0-1	
		47	22.3		74	33.5	70.4	47RCT3322F1	
		50	22.3		65.25	33.3	70	50RCT3322F1	
		50	22.3		65.3	33.3	70	50RCT3322F0	
		50	22		59.5	31	70	50RCT3322F0-1	
		48	22.5		67.1	28.4	50	48RCT3323F0	
33		48	23.4		65.3	28	42.5	48RCT3323F0-1	
			45.5	48	62	75	55.5	43.8	CT3346F2
			54.4	48	62	75	64.5	43.8	CT3355F2
		62	19		67.2	29	68	62RCT3319F1	
		62	23		67.2	33	68	62RCT3323F1	
34		14.2	39	60	125.2	32	72.4	CTY3414F0	
		13.5	40.5	60	92.5	31.5	72.5	CTY3414F0-1	
		54	29.5		75.4	37.5	46	54RCT3430F0	
		55	88		75	100	44.5	55RCT3488F2	