



CVT BEARINGS

NSK Continuously Variable Transmission (CVT) bearings are designed to endure the most severe environments, due to the use of NSK's High Tough Steel. These bearings feature a special steel material and innovative heat treatment technology which outperforms standard bearings and provides unrivaled precision and reliability.

PROVEN BENEFITS

- › Longer life due to NSK expertise in material heat treatment technologies
- › Low torque technology contributed to Best-in-Class for improved transmission fuel economy
- › Highly specialized material provides long life operating under the most severe conditions of massive loads, high temperatures and high speeds
- › Tough Steel outlasts traditional carburized steel

APPLICATIONS

- › Automotive Transmissions

DESIGN FEATURES

- › Specialized heat treatment for High Tough Steel extends bearing life
- › NSK used tribology technology to develop CVT steel, which is highly purified steel for CVTs where non-metal inclusions have been removed to the extent possible
- › Optimization of rolling resistance and weight
- › Advanced internal geometry specifically designed for use in transmissions

CONDITIONS

C CONTAMINATION

FE FUEL EFFICIENT

HS HIGH SPEED

W WEAR

HT HIGH TEMPERATURE

STAY IN MOTION. STAY IN CONTROL.

unit: mm

	CVT UNIT	ORIGINAL NSK P/N	NSK PART NO.	ID	OD	WIDTH	LOCATION 1	LOCATION 2
NISSAN	JF009E (RE0F08A) CVT 1	6208A11C3	6208A11	40	80	18	Differential Side	--
	JF011E (RE0F10A) CVT 2	B40-210CG19**UR9	B40-210	40	80	16	Primary Pulley	Cover Side
		HTFB60-57-G-3NRX	HTFB60-57	60	101	17.2	Primary Pulley	Torque Converter Side
		HTFB45-108-G-5CG7	HTFB45-108	45	90	17	Secondary Pulley	Cover Side
		HTF036-3G5U01	HTF036-3G5U01	36	80	18	Secondary Pulley	Torque Converter Side
		NTRF60-32A-AG5UQU02	R60-32 (cup)	60	85	21	Differential Side	Front
		NTRF60-32A-AG5UQU03	R60-32 (cone)	60	85	21	Differential Side	Front
	JF010E (RE0F09A/ RE0F09B) CVT 3	B65-27ENXCG31	B65-27	65	100	17	Primary Pulley	Torque Converter Side
		32TM12U40AL	B32Z-9	32.2/39.5	84	15	Primary Pulley	Cover Side
		HTFB45-90E	HTFB45-120	45	94/100	18/21	Secondary Pulley	Cover Side (RE0F09B)
		VP26Z-1G2UR4	VP26Z-1UR4	26.818	52	26	Secondary Pulley	Torque Converter Side
		HTFB45-111	HTFB45-111	45	99/105	18/21	Secondary Pulley	Cover Side (RE0F09A)
	JF015E (RE0F11A) CVT 7	B30Z-10S2CG7	B30Z-10S2CG7	30.2	85	13	Primary Pulley	Front (Under 1.6L)
		30TM49QTF24S2	30TM49QTF24S2	30.2	85	13	Primary Pulley	Front (Over 1.6L)
		B45-130NX2RCG16	B45-130NX2	45	85	15	Secondary Pulley	Front
		B70-19CG25	B70-19	70	105	13	Secondary Pulley	Rear
		HR32008XJ-A-10U42	HR32008XJ-A	40	68	19	Differential Side	Rear
		B35-237CG32	B35-237	35	68	15	Differential Side	Rear
		HR32008XJ-A-10U42	HR32008XJ-A	40	68	19	Differential Side	Front
		B35-238CG32	B35-238	35	65	15	Differential Side	Front
		HTFJ17-9	HTFJ17-4	17	39	11.2	Input Countershaft	Counter Drive Bearing
		55TM05NXXR*CG17**S01	55TM05NXXRX	55	101	19.8	Primary Pulley	Front (RE0F10D - Under 1.6L)
TOYOTA	JF016E (2WD) (RE0F10D)/ JF017E (4WD) (RE0F10E) CVT 8	55TM06NXXR*CG17**S01	55TM06NXXRX	55	101	19.8	Primary Pulley	Front (RE0F10E - Under 1.6L)
		B34-18ACG7**UR9	B34-18	34	80	16	Secondary Pulley	Front
		B45-128CG7**UR5U446	B45-128	45	97	17	Primary Pulley	Front (Over 1.6L)
		HTFB45-129-G-5E1CG02	HTFB45-129	45	105	21	Secondary Pulley	Rear
		O32Z-4T85CG28**UR4	O32Z-4	32.2	80	21	Differential Side	Rear
		HR32008XJ-A	32008XJ (cup/cone)	68	40	19	Differential Side	Gear side (RE0F10D)
		NTRF60-32	R60-32 (cup/cone)	60	85	21	Differential Side	Front (RE0F10E)
	K310	B49-10T85ACG16AUR9	B49-10	49	87	14	Primary Pulley	Front
		B33Z-15T85ACG7SAUR9	B33Z-15	35.5	95	12	Primary Pulley	Front
		HTFB43-8-G-T85ACG18	HTFB43-8	43	87	20.2	Secondary Pulley	Rear
	K311	B49-12 T85ACG17SAUR9	B49-12	49	95	18	Primary Pulley	Front
		B35Z-12ET85ACG6UR7	B35Z-12	35.5	95	12	Primary Pulley	Rear
		B37-9AC3UR5	B37-9	37	85	13	Secondary Pulley	Front
		B37-15T85ACG8UR9	B37-15	37	88	18.8	Secondary Pulley	Rear
		VP42-8 (Rpl. by VP42-13)	VP42-13	42	62	14	Counter Shaft	Front
		VP55-2	VP55-2	55	76	11	Counter Shaft	Rear
SUBARU	TR58	HTFB35-251-G-5QTF-01	HTFB35-251	35	82	19.5	Primary Pulley	Front
		HTFB40-237 (Rpl. by HTFB35-269)	HTFB35-269	35	82	20.2	Secondary Pulley	Rear