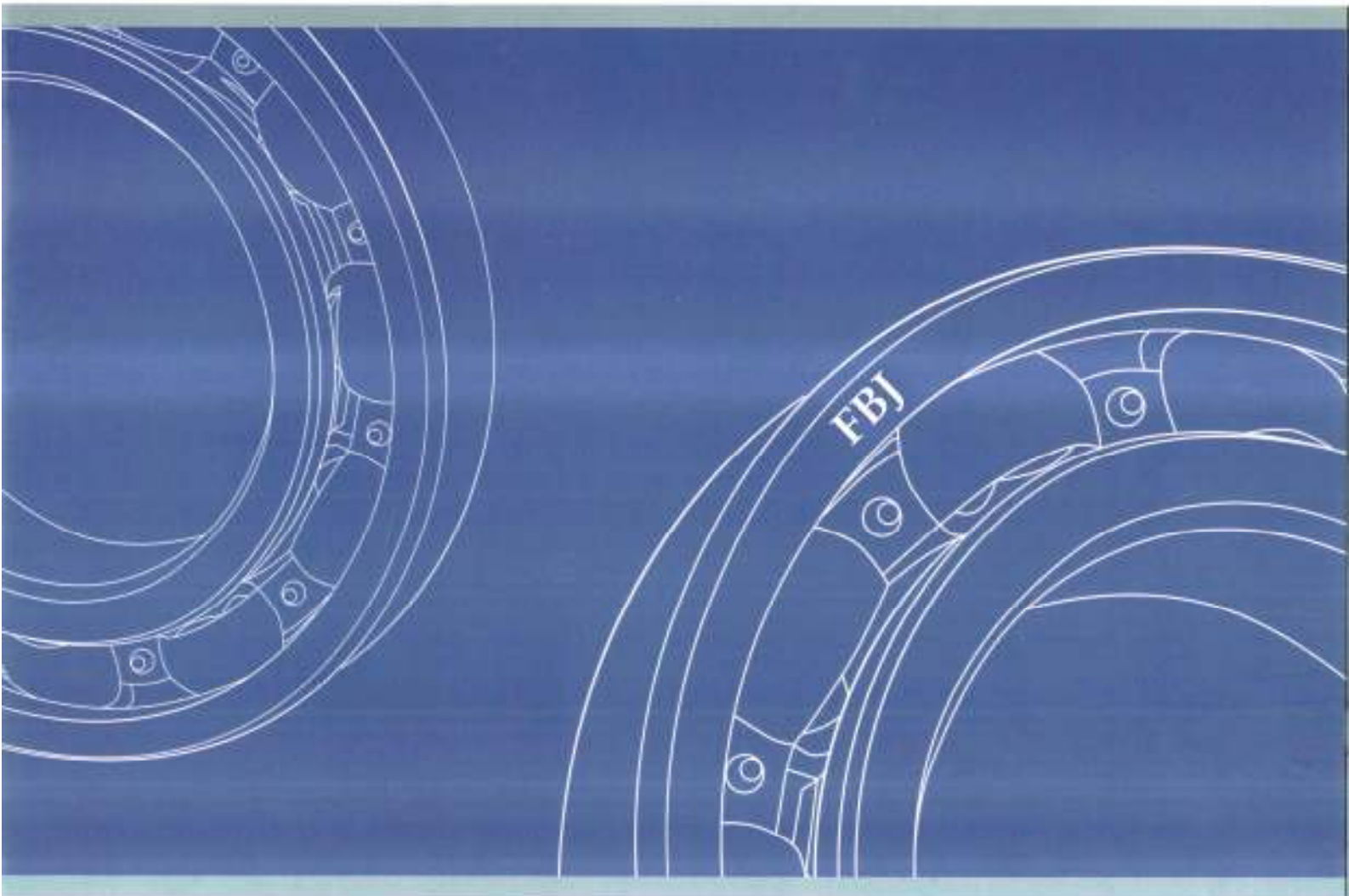


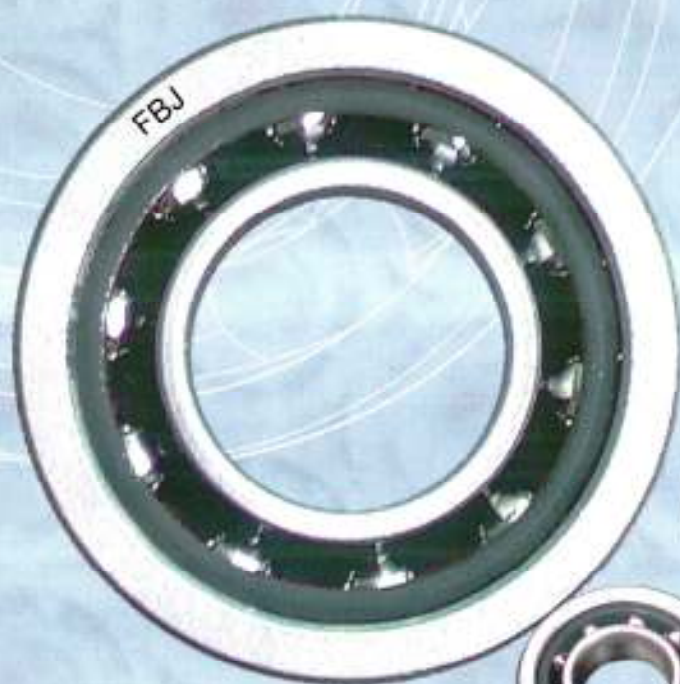
# FBJ<sup>®</sup>

## Dental Bearings



# FBJ<sup>®</sup>







FBJ dental bearings have two series for normal and wider width, and includes open, Shield, flanged outer ring and outer Ring with step type of structure; We also developed angular contact ball bearing structure according to requirement R144 series dental bearings, rings and rolling element are manufactured with 440C stainless steel. According to the needs of our customers, we also use silicon nitride ceramic ball Si<sub>3</sub>N<sub>4</sub> material to manufacturing, in some instances, we also offer used 52100 steel to meet our customer's requirement.

Currently, we uses Japanese stainless steel balls and to customer's requirement, U.S. Saint Gobain, ceramic ball in all our dental bearings production.

R144 series dental bearing cage used PEEKC materials with the addition of titanium fiber super resin material, titanium superfine fiber is mixed with special resins, achieving excellent mechanical properties.

As titanium fiber's hardness is lower than glass fiber, the friction is lower and it offer dual-protection to the rolling element, Such dedicated cage resin material have been added with a certain amount of solid lubrication, it allows the bearing to perform high-speed operation with minimal friction.

FBI dental bearings is able to perform at speed rate of  $10-30 \times 10^4$  RPM

### **Suffix:**

S: Stainless steel 440C

N: Ceramic Ball

F: Flanged out ring

K: Stepped out ring

B: Angular contact

R: inch series

TN: Polyamide cage

Z: one side metal shield

W: winner series

## Dental Bearings R144 Series

No.	Bearing Number	flanged	step	one side shield	ceramic ball	width	QTY of Ball	dimension
1	SR144TNTL					2.38	8	Φ6.35×Φ3.175×2.38
2	SNR144TNTL				▽	2.38	8	Φ6.35×Φ3.175×2.38
3	SR144TNTLZ			▽		2.38	8	Φ6.35×Φ3.175×2.38
4	SNR144TNTLZ				▽	2.38	8	Φ6.35×Φ3.175×2.38
5	SKR144TNTL		▽			2.38	8	Φ6.35×Φ6×Φ3.175×2.38
6	SNKR144TNTL		▽		▽	2.38	8	Φ6.35×Φ6×Φ3.175×2.38
7	SKR144TNTLZ		▽	▽		2.38	8	Φ6.35×Φ6×Φ3.175×2.38
8	SNKR144TNTLZ		▽	▽	▽	2.38	8	Φ6.35×Φ6×Φ3.175×2.38
9	SFR144TNTL	▽				2.38	8	Φ6.35×Φ7.5×Φ3.175×2.38
10	SNFR144TNTL	▽			▽	2.38	8	Φ6.35×Φ7.5×Φ3.175×2.38
11	SFR144TNTLZ	▽		▽		2.38	8	Φ6.35×Φ7.5×Φ3.175×2.38
12	SNFR144TNTLZ	▽		▽	▽	2.38	8	Φ6.35×Φ7.5×Φ3.175×2.38
13	SR144TNTLW					2.78	8	Φ6.35×Φ3.175×2.78
14	SNR144TNTLW				▽	2.78	8	Φ6.35×Φ3.175×2.78
15	SR144TNTLZW			▽		2.78	8	Φ6.35×Φ3.175×2.78
16	SNR144TNTLZW			▽	▽	2.78	8	Φ6.35×Φ3.175×2.78
17	SKR144TNTLW		▽			2.78	8	Φ6.35×Φ6×Φ3.175×2.78
18	SNKR144TNTLW		▽		▽	2.78	8	Φ6.35×Φ6×Φ3.175×2.78
19	SKR144TNTLZW		▽	▽		2.78	8	Φ6.35×Φ6×Φ3.175×2.78
20	SNKR144TNTLZW		▽	▽	▽	2.78	8	Φ6.35×Φ6×Φ3.175×2.78
21	SFR144TNTLW	▽				2.78	8	Φ6.35×Φ7.5×Φ3.175×2.78
22	SNFR144TNTLW	▽			▽	2.78	8	Φ6.35×Φ7.5×Φ3.175×2.78
23	SFR144TNTLZW	▽		▽		2.78	8	Φ6.35×Φ7.5×Φ3.175×2.78
24	SNFR144TNTLZW	▽		▽	▽	2.78	8	Φ6.35×Φ7.5×Φ3.175×2.78