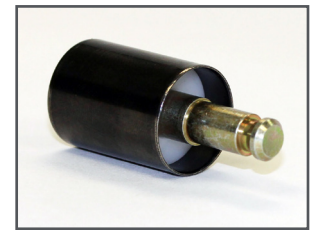
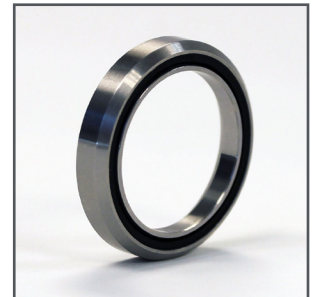
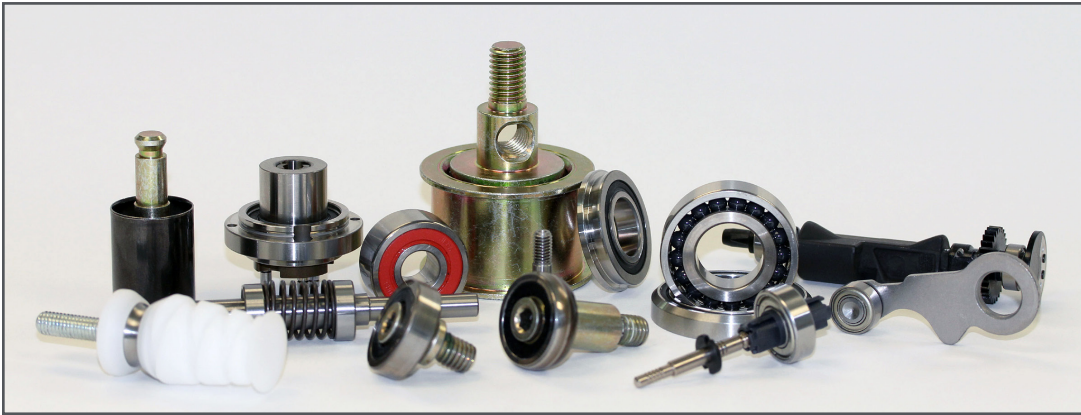


# SPECIALTY BEARINGS

When standard bearing products don't suit your application requirements a unique custom designed product is the ideal solution. Co-develop your unique bearing design with the company that has a heritage of guide bearing experience. Complete sub-assemblies can be designed and sourced in large quantities under reasonable lead-times. With a specialty bearing, additional features and components can be integrated to reduce complexity. Our production environment can accommodate a variety of sizes and materials and includes polymer over-molding and final assembly. Contact us to discuss your challenge.



CAPABILITIES FOR BEARINGS	FEATURE	RANGE / DESCRIPTION
	Size Range of Inner Bore Diameters	4mm to 60mm
	Size Range of Outer Bore Diameters	6mm to 80mm
	Race Materials	Bearing steel 52100 or stainless steel
	Precision Class	Up to ABEC 7
	Bearing Type	Ball
	Cage Materials	Steel, Nylon, PEEK, other
	Seal Materials	Rubber (NBR, Viton, ACM, other), steel shields, stainless steel shields, combinations
	Grease	Standard and special grease to suit application needs
	Special Profiles	Many special profiles available for inner and outer diameters and widths
Performance Targets	Low noise, high load, long life, high speed, linear, other	

CAPABILITIES FOR POLYMER OVERMOLDING	FEATURE	RANGE / DESCRIPTION
	Polymer Materials	POM, Nylon, PBT, PET, PE, PA, PI, and many others (PU rubber is not possible)
	Size Range	6mm to 100mm
	Profiles	Concave, convex, U channels, and many special shapes to suit applications
	Performance Targets	Low noise, high load, long life, other
Applications	Automotive, Mechanical, Medical, other	

CAPABILITIES FOR ASSEMBLY	FEATURE	RANGE / DESCRIPTION
	Materials	Pressings, plates, shafts, nuts, customer supplied components
Sub-Assemblies	Can be supplied or sourced for integration	

## Contact

Phone: **(925) 439-8272**  
 Email: **Sales@bwc.com**  
 Website: **bwc.com**

2104 Martin Way  
 Pittsburg, CA 94565