

Breaking Strengths

Breaking Strength and Safe Working Load are ratings which are applied to Sea-Dog parts only by the manufacturer of the part (our supplier). If this information is not listed in our catalog, it is because our supplier has chosen to not apply this information.

Usually this type of rating will not apply to a cast part, regardless of the material, since there is no guarantee of consistency in base material throughout the part. There may be air voids and other imperfections related to the process of casting which may affect structural integrity and cannot be seen "under the skin" without cutting the part open.

Parts which may be load rated by our suppliers are forged, drop forged, stamped and machined parts. Be sure to refer to the "Breaking Strengths" section in the front of our catalog, which describes definitions of Breaking Strength and Working Load Limit (WLL).

Because a part is not load rated does not mean that the part is not usable in most reasonable applications. It is up to the end user to determine if the part may cause personal injury to a user, by their own testing and common sense evaluation of the part.