uni Reinforcement Link Material Selection

Austenitic Stainless Steel

SS316

Austenitic quality containing 18% chrome, 10% nickel and 3% molybdenum.
Werkstoff no. 1.4404 AISI 316.

$^{18}/_{10}$ CrNi steel with molybdenum is non-magnetic in the entire recommended temperature range. The austenitic quality has a very high degree of corrosion resistance in oxidizing surroundings. Molybdenum has been added to increase corrosion resistance particulary in chloride containing environments.

uni Light EP, uni OPB, uni L-SNB and uni BLB

Austenitic Stainless Steel

SS304

Austenitic quality containing 18% chrome and 8% nickel.
Werkstoff no. 1.4301 AISI 304.

$^{18}/_{8}$ CrNi steel is non-magnetic in the entire recommended temperature range. The austenitic quality has a very high degree of corrosion resistance in oxidizing surroundings. However, in connection with evaporation of chloride-containing fluids, the $^{18}/_{8}$ CrNi steel is not recommended, as stress corrosion can occur over time.

uni Flex SNB

uni Rubber Material Selection

Rubber code	Rubber color	Hardness (shore A)	Temperature range		FDA approved	Attachment to base link
			°C	°F		
01 N	**Natural**	64	-40 to +125°C	-40 to +257°F	✔	Mechanical
01 K	**Natural**	64	-40 to +125°C	-40 to +257°F	✔	Mechanical
03 N	**Natural**	60	-40 to +80°C	-40 to +176°F	✔	Co-moulding
03 K	**Black**	60	-40 to +80°C	-40 to +176°F	✔	Co-moulding
05 I	**Ivory**	85	-40 to +80°C	-40 to +176°F	✔	Mechanical
09 K	**Black**	85	-40 to +125°C	-40 to +257°F	-	Mechanical