



INDUSTRIAL MAGZA MEX (55) 53 63 23 31 MTY (81) 83 54 10 18
 DIST. AUTORIZADO QRO (442) 1 95 72 60 ventas@industrialmagza.com

Product Solutions for
**The Meat, Poultry,
 & Seafood Industries**

Application:

Not All Stainless Steel is Created the Same!

Today it seems like every gear box manufacturer has a stainless steel version of their worm gear product. Most would have you to believe that they're all the same, but what separates the "men from the boys" is an element called molybdenum. Molybdenum is what makes stainless steel corrosion-resistant to washdown solutions. 316 grade stainless steel has it. 304 grade stainless steel does not.

Since the housing is the part of the gear box most abused by washdown, Boston Gear uses only 316 grade stainless steel in our housing. Which is why we offer a lifetime warranty. Sure, it costs more than painted gear boxes, but isn't corrosion-resistance the whole point?




Molybdenum (Mo) increases the corrosion resistance of stainless steel to withstand attack by many industrial chemicals and solvents, and, in particular, inhibits pitting caused by chlorides. As such, molybdenum is one of the most useful, single alloying additives in the fight against corrosion.

	23	24	25	
	V	Cr	Mn	
	50.94	52.00	54.94	
40	41	42	43	44
Zr	Nb	Mo	Tc	Ru
91.22	92.91	95.94	98.91	101.1
	73	74		
	Ta	W		
	180.9	183.2		

Food Processing



Stainless Steel Worm Gear Speed Reducers


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Company	Material	Warranty
Boston Gear	316	Lifetime
Baldor	316	1.5 years
Electra-Gear	304	1 year
Grove	304	1 year
Leeson	304	1 year
Morse	316	1 year
Sterling	304	2 years
Winsmith	304	2 years

See Boston Gear

Worm, Helical and Bevel Gear Drives Catalog (# 82545)
for detailed specifications.

To Order Call: 888-999-9860



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