

AMPCO[®] 18 ALUMINIUM BRONZE NO EQUIVALENT

■ WITH AMPCO[®] 18 YOU OBTAIN :

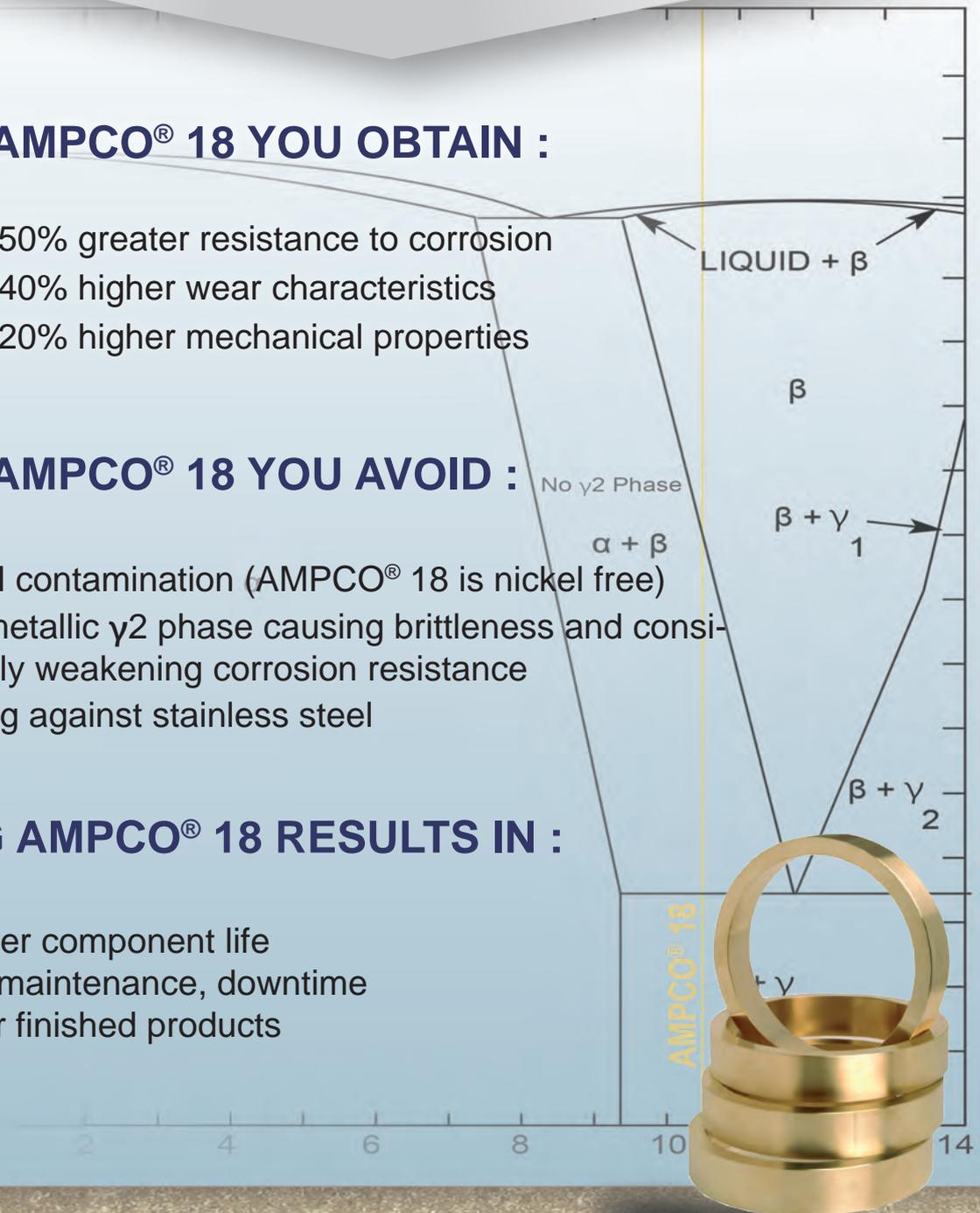
- 30 to 50% greater resistance to corrosion
- 20 to 40% higher wear characteristics
- 10 to 20% higher mechanical properties

■ WITH AMPCO[®] 18 YOU AVOID :

- Nickel contamination (AMPCO[®] 18 is nickel free)
- Intermetallic γ_2 phase causing brittleness and considerably weakening corrosion resistance
- Galling against stainless steel

■ USING AMPCO[®] 18 RESULTS IN :

- Greater component life
- Less maintenance, downtime
- Better finished products



- ONLY AMPCO METAL SELLS AMPCO[®] 18
- NOTHING IS EQUIVALENT TO AMPCO[®] 18



THE METAL WITHOUT AN EQUAL

AMPCO® 18 ALUMINIUM BRONZE NO EQUIVALENT

No γ_2 Phase · No Hard Spots

FINER GRAIN STRUCTURE FOR BETTER MACHINABILITY

Fine Grain produced by:



AMPCO® 18

Large Grain produced by:
Competitor



AMPCO® 18 offers excellent mechanical properties

	Commercial Bronze	AMPCO® 18
Tensile Strength KSI(Mpa)	85 (586)	95 (655)
Yield Strength KSI(Mpa)	32 (220)	38 (282)
Elongation %	12	16
Shear Strength KSI(Mpa)	47 (324)	58 (400)
Fatigue KSI(Mpa)	28 (193)	32 (220)
Hardness HBW	N.A.	183

All the above are nominal values.

microcast® PROCESS
Key to Superiority

www.ampcometal.com

AMPCO METAL S.A.

Route de Chésalles 48
P.O.Box 45, 1723 Marly
SWITZERLAND
TOLL FREE PHONE: 800 8080 5050
Tel.: + 41 26 439 93 00
info@ampcometal.com



THE METAL WITHOUT AN EQUAL