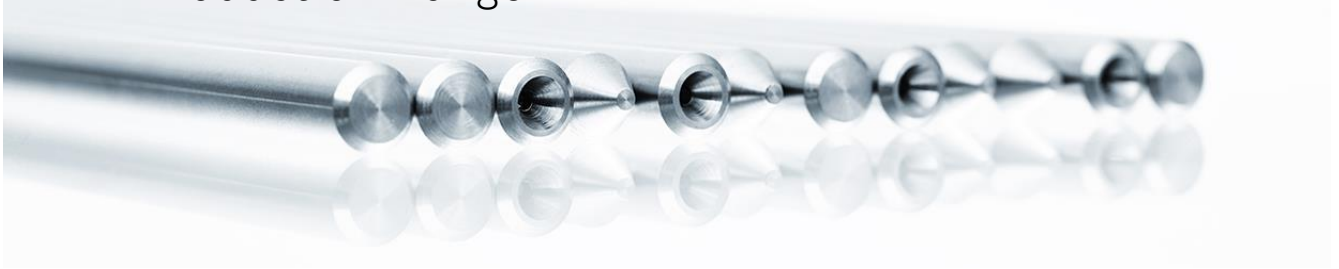


Linecard Stainless Steel Bars

US - Production Range

ZAPP



Grades (AISI)	17-4 / 302HQ / 302LQ / 303 / 304 / 304L / 316 / 316L 416 / 430F / 430 FR / 440 / duplex (2205/2507) / nickel (625/825)
Standards	ASTM A276 - 17 / ASTM A276M - 17 / ASTM A582 - 12 / ASTM A582M - 12 / ASTM A838 - 18 / DIN EN 10088-3
Size range	0.250" - 0.830" (6 - 21 mm)
Diameter tolerance	± 0.0005" or tighter (IT 8 as standard, IT 6 possible)
Bar length	118" to 168" (60" possible)
Length tolerance	+1.00" / -0.00"
Bar ends	Chamfered, cut (deburred)
Finish / Condition	Annealed / cold drawn / ground
Special executions	Soft magnetic annealed (430, 430F, 416, 434 mod)
Surface roughness	Rmax. ≤ 5 µm / Rz ≤ 3 µm / Ra ≤ 0.5 µm
EC testing	
Size range	0.250" - 0.830" (6 - 21 mm)
Detection limit	0,2 mm as standard (0,1 mm possible, after a second grinding operation technically free of defects)
Standards	DIN EN 10277-1 Table 1, class 1 - 4
Ultrasonic testing	On customer request
Size range	0.250" - 0.826" (6 - 21 mm)
Detection limit	FBH 0.7 as standard, FBH 0.4 possible
Standards	AMS-STD-2154 / AMS 2630 / AMS 2632A / AMS 2631B / ASTM E 2375-08 / ASTM E 428-05a / ÖNORM M 3002 / DIN EN 10308 / DIN EN ISO 10893 - 10
Unchecked ends	Are cut according customers requests
Quality System	The QM-System of the Zapp Group is certified to ISO 9001 Zapp Precision Wire in Summerville as well as Zapp Precision Metals in Germany is certified to IATF 16949

For a complete overview of all ZAPP long products please refer to
https://www.zapp.com/fileadmin/download/02-gruen/Brochure_Precision_Wire.pdf

ZAPP PRECISION WIRE
 WIRE | BAR | PROFILE
 Phone +1 843 851 0700
zapp.users@zapp.com
www.zapp.com

Further information regarding our products and locations are available at www.zapp.com

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 Last revision: December 2019