



Material Data

Steel Technical Data:

	Mild Steel (W1)	410 (W3)	430 (W3)	304 (W4)	316 (W5)
Melting Point °C	1425-1540	1480	1426	1454	1398
Maximum service temperature °C	426	870	870	870	870
Minimum service temperature °C	-45	-90	-90	-196	-196
Magnetism μ	1500-2000	700-1000	600-1100	1.008	1.008
Resistance $\mu\Omega$	17.2	57	60	72	72
Density g/cm ³	7.83	7.75	7.75	8.03	8.03

Stainless Steel Classifications:

	410 (W3)	430 (W3)	304 (W4)	316 (W5)
AISI	410	430	304	316
EN	1.4006	1.4016	1.4301	1.4401
Chrome/Nickel	18/0	18/0	18/8	18/10
Grade	C1	F1	A2	A4

Classifications for W1 and W2 materials are also common. W1 refers to all mild steel zinc protected parts and W2 usually refers to a combination of mild steel screw with 430 chrome steel band and housing. At Jubilee® we do not mix materials as this would ultimately compromise the performance of the product.

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