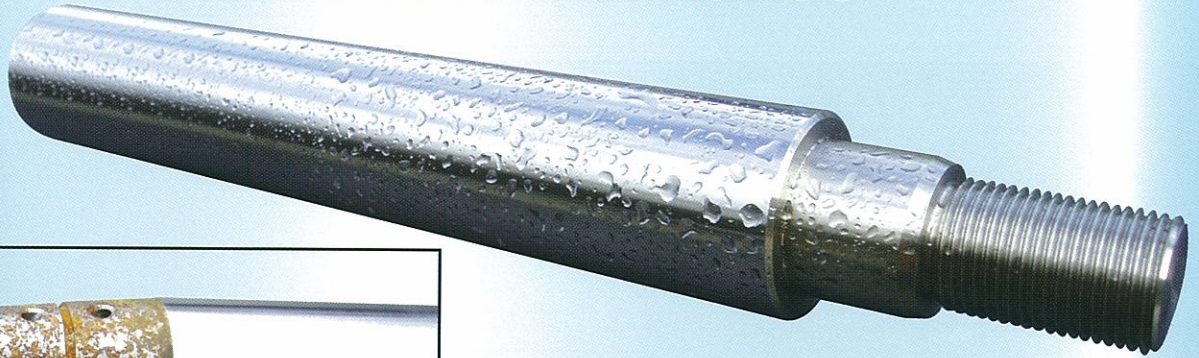


Corrosion resistance



**Comparative table of neutral salt spray test
(According ISO 9227 NSS & ISO 10289)**

Family	Grade	Chromium layer	Number of hours	Class
Carbon steels Simple chromium layer	C45	25 µm +/-5	120 h	Class 10 (1)
	20MnV6	25 µm +/-5	120 h	Class 10 (1)
	42CrMo4V	25 µm +/-5	120 h	Class 10 (1)
Carbon steels Bicrom	C45	2 x 25 µm	400 h	Class 10 (1)
	20MnV6	2 x 25 µm	400 h	Class 10 (1)
	42CrMo4V	2 x 25 µm	400 h	Class 10 (1)
Martensitics Stainless steels	1.4028	25 µm +/-5	600 h	Class 9 (2)
	1.4057	25 µm +/-5	1000 h	Class 9 (2)
	1.4418	25 µm +/-5	2000 h	Class 9 (2)
	1.4542	25 µm +/-5	2100 h	Class 9 (2)
Austenitics Stainless steels	1.4305	25 µm +/-5	2100 h	Class 9 (2)
	1.4307	25 µm +/-5	2400 h	Class 9 (2)
	1.4404	25 µm +/-5	3000 h	Class 9 (2)
Duplex Stainless steels	1.4362	25 µm +/-5	3200 h	Class 9 (2)
	1.4460	25 µm +/-5	2700 h	Class 9 (2)
	1.4462	25 µm +/-5	3400 h	Class 9 (2)

(1) Garantied Values

(2) Medium Values



5, rue Jules Ferry - 42100 SAINT - ETIENNE

Tel. : 0033 (0)4 77 95 52 77 - Fax : 0033 (0)4 77 95 52 85 - Mail : eurothal@eurothal.fr