



316L / 1.4435WCQ

Staybrite 4435 WCQ – Quality for watch cases and bracelets.

Staybrite 1.4435WCQ ist the stainless steel quality with the outstanding characteristics that ensures to the watch case manufacturers all the advantages they need: excellent polishing capabilities, good cold working and corrosion resistance.

Gehe zu



Chemical composition of 1.4435WCQ

C	Si	Mn	P	S	Cr	Mo	Ni	Fe
≤ %	≤ %	≤ %	≤ %	≤ %	%	%	%	
0.03	1,0	2,0	0,045	0,015	17,0-19,0	2,5-3,0	12,5-15,0	bal

Mechanical properties of Staybrite 4435 WCQ

solution heat treated	typical values
tensile strength Rm	490 – 690 MPa
mechanical properties Rp 0,2	≥ 190 Mpa
elongation after fracture A5	≥ 35 %

Delivery program

mm	Tolerance	Dimension	strips	sheets
1.0	+0.05/-0.0	band	●	
1.5	+0.17/-0.03	band	●	
2.0	+0.17/-0.03	band	●	
2.0	+0.17/-0.03	2000 x 500		●
2.5	+0.20/-0.04	2000 x 1000		●
3.0	+0.20/-0.04	2000 x 1000		●
3.5	+0.23/-0.05	2000 x 1000		●
4.0	+0.23/-0.05	2000 x 1000		●
4.5	+0.27/-0.05	2000 x 1000		●
5.0	+0.27/-0.05	2000 x 1000		●
5.5	+0.27/-0.05	2000 x 1000		●
6.0	+0.27/-0.05	2000 x 1000		●
6.5	+0.27/-0.05	2000 x 1000		●
7.0	+0.50/-0.20	2000 x 1000		●
7.5	+0.50/-0.20	2000 x 1000		●
8.0	+0.50/-0.20	2000 x 1000		●
8.5	+0.60/-0.20	2000 x 1000		●
9.0	+0.60/-0.20	2000 x 1000		●
9.5	+0.60/-0.20	2000 x 1000		●
10.0	+0.60/-0.20	2000 x 1000		●
11.0	+0.60/-0.20	2000 x 1000		●
12.0	+0.60/-0.20	2000 x 1000		●
13.0	+0.60/-0.20	2000 x 1000		●

Material Outlet by Hempel

ECONOXX.com offers buyers a new and uncomplicated procurement channel, which also includes small quantities and materials in special alloys at favourable conditions.

Contact us



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