

Wire mesh precision requirement per ISO 3310

Mesh opening (mm)	Opening tolerance			STD Deviation (mm)	Wire diameter prerefered	wire diameter tolerance		
	+X	±Y	+Z			d _{max}	d _{min}	Unit
80mm	2.915	2.129	2.80		6.30	7.20	5.40	mm
63mm	2.443	1.685	2.29		5.60	6.40	4.80	mm
56mm	2.240	1.501	2.08		5.00	5.80	4.30	mm
50mm	2.060	1.344	1.89		5.00	5.80	4.30	mm
40mm	1.748	1.080	1.57	1.000	4.50	5.20	3.80	mm
31,5mm	1.467	0.855	1.29	0.907	4.00	4.60	3.40	mm
28mm	1.345	0.762	1.17	0.801	3.55	4.10	3.00	mm
20mm	1.052	0.548	0.89	0.575	3.15	3.60	2.70	mm
14mm	0.811	0.387	0.67	0.413	2.80	3.20	2.40	mm
10mm	0.636	0.279	0.51	0.307	2.50	2.90	2.10	mm
6,3mm	0.456	0.178	0.35	0.207	1.80	2.10	1.50	mm
5mm	0.387	0.142	0.29	0.171	1.60	1.90	1.30	mm
2,5mm	0.238	0.073	0.17	0.098	1.00	1.15	0.85	mm