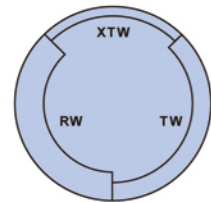
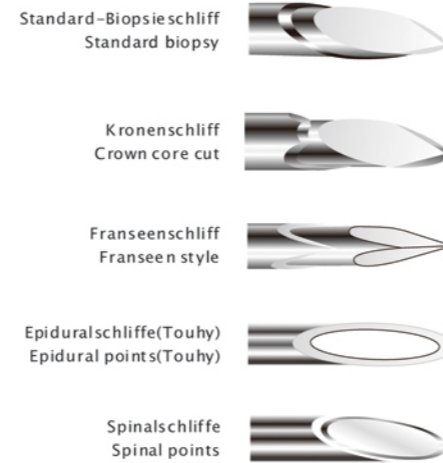




The Needle Tube



Comparison between
Regular Wall,
Thin Wall
and Extra Thin Wall



GAUGE	Size		Outer diameter		Inner diameter		
	Nominal	min	max	Regular wall	Thin wall	Extra thin wall	
				min	min	min	
30	0.30	0.298	0.320	0.133	0.165		
29	0.33	0.324	0.351	0.133	0.190		
28	0.36	0.349	0.370	0.133	0.190		
27	0.40	0.400	0.420	0.184	0.241		
26	0.45	0.440	0.470	0.232	0.292		
25	0.50	0.500	0.530	0.232	0.292		
24	0.55	0.550	0.580	0.280	0.343		
23	0.60	0.600	0.650	0.317	0.370	0.460	
22	0.70	0.698	0.730	0.390	0.440	0.522	
21	0.80	0.800	0.830	0.490	0.547	0.610	
20	0.90	0.860	0.920	0.560	0.635	0.687	
19	1.10	1.030	1.100	0.648	0.750	0.850	
18	1.20	1.200	1.300	0.790	0.910	1.041	
17	1.40	1.400	1.510	0.950	1.156	1.244	
16	1.60	1.600	1.690	1.100	1.283	1.390	
15	1.80	1.750	1.900	1.300	1.460	1.560	
14	2.10	1.950	2.150	1.500	1.600	1.727	
13	2.40	2.300	2.500	1.700	1.956		
12	2.70	2.650	2.850	1.950	2.235		
11	3.00	2.950	3.150	2.200	2.464		
10	3.40	3.300	3.500	2.500	2.819		

