



Needle Specification Chart

Component Supply Part Number	Gauge Size	Configuration	Length (IN)	Bend Angle (If Applicable)
NE-140PL	14	Straight	0.25	N/A
NE-1412PL	14	Straight	6.00	N/A
NE-141PL	14	Straight	0.50	N/A
NE-142PL	14	Straight	1.00	N/A
NE-143PL	14	Straight	1.50	N/A
NE-144PL	14	Straight	2.00	N/A
NE-148PL	14	Straight	4.00	N/A
NE-150PL	15	Straight	0.25	N/A
NE-1512PL	15	Straight	6.00	N/A
NE-151PL	15	Straight	0.50	N/A
NE-152PL	15	Straight	1.00	N/A
NE-153PL	15	Straight	1.50	N/A
NE-154PL	15	Straight	2.00	N/A
NE-158PL	15	Straight	4.00	N/A
NE-160PL	16	Straight	0.25	N/A
NE-1612PL	16	Straight	6.00	N/A
NE-161PL	16	Straight	0.50	N/A
NE-162PL	16	Straight	1.00	N/A
NE-163PL	16	Straight	1.50	N/A
NE-164PL	16	Straight	2.00	N/A
NE-168PL	16	Straight	4.00	N/A
NE-180PL	18	Straight	0.25	N/A
NE-1812PL	18	Straight	6.00	N/A
NE-181PL	18	Straight	0.50	N/A
NE-182PL	18	Straight	1.00	N/A
NE-183PL	18	Straight	1.50	N/A
NE-184PL	18	Straight	2.00	N/A
NE-188PL	18	Straight	4.00	N/A
NE-1912PL	19	Straight	6.00	N/A
NE-191PL	19	Straight	0.50	N/A
NE-192PL	19	Straight	1.00	N/A
NE-193PL	19	Straight	1.50	N/A
NE-194PL	19	Straight	2.00	N/A
NE-198PL	19	Straight	4.00	N/A

Component Supply Part Number	Gauge Size	Configuration	Length (IN)	Bend Angle (If Applicable)
NE-200PL	20	Straight	0.25	N/A
NE-2012PL	20	Straight	6.00	N/A
NE-201PL	20	Straight	0.50	N/A
NE-202PL	20	Straight	1.00	N/A
NE-203PL	20	Straight	1.50	N/A
NE-204PL	20	Straight	2.00	N/A
NE-208PL	20	Straight	4.00	N/A
NE-210PL	21	Straight	0.25	N/A
NE-2112PL	21	Straight	6.00	N/A
NE-211PL	21	Straight	0.50	N/A
NE-212PL	21	Straight	1.00	N/A
NE-213PL	21	Straight	1.50	N/A
NE-214PL	21	Straight	2.00	N/A
NE-218PL	21	Straight	4.00	N/A
NE-220PL	22	Straight	0.25	N/A
NE-2212PL	22	Straight	6.00	N/A
NE-221PL	22	Straight	0.50	N/A
NE-222PL	22	Straight	1.00	N/A
NE-223PL	22	Straight	1.50	N/A
NE-224PL	22	Straight	2.00	N/A
NE-228PL	22	Straight	4.00	N/A
NE-230PL	23	Straight	0.25	N/A
NE-2312PL	23	Straight	6.00	N/A
NE-231PL	23	Straight	0.50	N/A
NE-232PL	23	Straight	1.00	N/A
NE-233PL	23	Straight	1.50	N/A
NE-234PL	23	Straight	2.00	N/A
NE-238PL	23	Straight	4.00	N/A
NE-270PL	27	Straight	0.25	N/A
NE-271PL	27	Straight	0.50	N/A
NE-272PL	27	Straight	1.00	N/A
NE-273PL	27	Straight	1.50	N/A
NE-300PL	30	Straight	0.25	N/A
NE-301PL	30	Straight	0.50	N/A
NE-320PL	32	Straight	0.25	N/A
NE-4514	14	Bent	0.50	45
NE-4515	15	Bent	0.50	45
NE-4516	16	Bent	0.50	45
NE-4518	18	Bent	0.50	45
NE-4519	19	Bent	0.50	45

Component Supply Part Number	Gauge Size	Configuration	Length (IN)	Bend Angle (If Applicable)
NE-4520	20	Bent	0.50	45
NE-4521	21	Bent	0.50	45
NE-4522	22	Bent	0.50	45
NE-4523	23	Bent	0.50	45
NE-4525	25	Bent	0.50	45
NE-4527	27	Bent	0.50	45
NE-4530	30	Bent	0.50	45
NE-9014	14	Bent	0.50	90
NE-9015	15	Bent	0.50	90
NE-9016	16	Bent	0.50	90
NE-9018	18	Bent	0.50	90
NE-9019	19	Bent	0.50	90
NE-9020	20	Bent	0.50	90
NE-9021	21	Bent	0.50	90
NE-9022	22	Bent	0.50	90
NE-9023	23	Bent	0.50	90
NE-9025	25	Bent	0.50	90
NE-9027	27	Bent	0.50	90
NE-9030	30	Bent	0.50	90