

Shoulder Angle Formed With The Floor (Degrees)

Distance from Acromiom Process to Dowel (cm)

	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0
10.0	12.7	12.5	12.2	11.9	11.7	11.5	11.2	11.0	10.8	10.6	10.4	10.2	10.1	9.9	9.7	9.5
11.0	14.0	13.7	13.4	13.1	12.9	12.6	12.4	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5
12.0	15.3	14.9	14.6	14.3	14.0	13.8	13.5	13.2	13.0	12.7	12.5	12.3	12.1	11.9	11.7	11.5
13.0	16.6	16.2	15.8	15.5	15.2	14.9	14.6	14.3	14.1	13.8	13.5	13.3	13.1	12.8	12.6	12.4
14.0	17.8	17.4	17.1	16.7	16.4	16.0	15.7	15.4	15.1	14.9	14.6	14.3	14.1	13.8	13.6	13.4
15.0	19.1	18.7	18.3	17.9	17.5	17.2	16.9	16.5	16.2	15.9	15.6	15.3	15.1	14.8	14.6	14.3
16.0	20.4	19.9	19.5	19.1	18.7	18.3	18.0	17.6	17.3	17.0	16.7	16.4	16.1	15.8	15.5	15.3
17.0	21.6	21.2	20.7	20.3	19.9	19.5	19.1	18.7	18.4	18.0	17.7	17.4	17.1	16.8	16.5	16.2
18.0	22.9	22.4	21.9	21.5	21.0	20.6	20.2	19.8	19.5	19.1	18.8	18.4	18.1	17.8	17.5	17.2
19.0	24.2	23.7	23.2	22.7	22.2	21.8	21.3	20.9	20.5	20.2	19.8	19.4	19.1	18.8	18.5	18.1
20.0	25.5	24.9	24.4	23.9	23.4	22.9	22.5	22.0	21.6	21.2	20.8	20.5	20.1	19.8	19.4	19.1
21.0	26.7	26.2	25.6	25.1	24.6	24.1	23.6	23.1	22.7	22.3	21.9	21.5	21.1	20.7	20.4	20.1
22.0	28.0	27.4	26.8	26.3	25.7	25.2	24.7	24.2	23.8	23.3	22.9	22.5	22.1	21.7	21.4	21.0
23.0	29.3	28.6	28.0	27.5	26.9	26.4	25.8	25.3	24.9	24.4	24.0	23.5	23.1	22.7	22.3	22.0
24.0	30.6	29.9	29.3	28.6	28.1	27.5	27.0	26.4	25.9	25.5	25.0	24.6	24.1	23.7	23.3	22.9
25.0	31.8	31.1	30.5	29.8	29.2	28.6	28.1	27.5	27.0	26.5	26.0	25.6	25.1	24.7	24.3	23.9
26.0	33.1	32.4	31.7	31.0	30.4	29.8	29.2	28.6	28.1	27.6	27.1	26.6	26.1	25.7	25.2	24.8
27.0	34.4	33.6	32.9	32.2	31.6	30.9	30.3	29.7	29.2	28.6	28.1	27.6	27.1	26.7	26.2	25.8
28.0	35.7	34.9	34.1	33.4	32.7	32.1	31.5	30.9	30.3	29.7	29.2	28.6	28.1	27.7	27.2	26.7
29.0	36.9	36.1	35.4	34.6	33.9	33.2	32.6	32.0	31.4	30.8	30.2	29.7	29.2	28.6	28.2	27.7
30.0	38.2	37.4	36.6	35.8	35.1	34.4	33.7	33.1	32.4	31.8	31.3	30.7	30.2	29.6	29.1	28.6
31.0	39.5	38.6	37.8	37.0	36.2	35.5	34.8	34.2	33.5	32.9	32.3	31.7	31.2	30.6	30.1	29.6
32.0	40.7	39.9	39.0	38.2	37.4	36.7	36.0	35.3	34.6	34.0	33.3	32.7	32.2	31.6	31.1	30.6
33.0	42.0	41.1	40.2	39.4	38.6	37.8	37.1	36.4	35.7	35.0	34.4	33.8	33.2	32.6	32.0	31.5
34.0	43.3	42.3	41.4	40.6	39.8	39.0	38.2	37.5	36.8	36.1	35.4	34.8	34.2	33.6	33.0	32.5
35.0	44.6	43.6	42.7	41.8	40.9	40.1	39.3	38.6	37.8	37.1	36.5	35.8	35.2	34.6	34.0	33.4
36.0	45.8	44.8	43.9	43.0	42.1	41.3	40.4	39.7	38.9	38.2	37.5	36.8	36.2	35.6	35.0	34.4
37.0	47.1	46.1	45.1	44.2	43.3	42.4	41.6	40.8	40.0	39.3	38.5	37.9	37.2	36.6	35.9	35.3
38.0	48.4	47.3	46.3	45.4	44.4	43.5	42.7	41.9	41.1	40.3	39.6	38.9	38.2	37.5	36.9	36.3
39.0	49.7	48.6	47.5	46.6	45.6	44.7	43.8	43.0	42.2	41.4	40.6	39.9	39.2	38.5	37.9	37.2
40.0	50.9	49.8	48.8	47.7	46.8	45.8	44.9	44.1	43.2	42.4	41.7	40.9	40.2	39.5	38.8	38.2
41.0	52.2	51.1	50.0	48.9	47.9	47.0	46.1	45.2	44.3	43.5	42.7	41.9	41.2	40.5	39.8	39.2
42.0	53.5	52.3	51.2	50.1	49.1	48.1	47.2	46.3	45.4	44.6	43.8	43.0	42.2	41.5	40.8	40.1
43.0	54.7	53.6	52.4	51.3	50.3	49.3	48.3	47.4	46.5	45.6	44.8	44.0	43.2	42.5	41.8	41.1
44.0	56.0	54.8	53.6	52.5	51.4	50.4	49.4	48.5	47.6	46.7	45.8	45.0	44.2	43.5	42.7	42.0
45.0	57.3	56.1	54.9	53.7	52.6	51.6	50.6	49.6	48.6	47.7	46.9	46.0	45.2	44.5	43.7	43.0
46.0	58.6	57.3	56.1	54.9	53.8	52.7	51.7	50.7	49.7	48.8	47.9	47.1	46.2	45.4	44.7	43.9
47.0	59.8	58.5	57.3	56.1	55.0	53.9	52.8	51.8	50.8	49.9	49.0	48.1	47.2	46.4	45.6	44.9
48.0	61.1	59.8	58.5	57.3	56.1	55.0	53.9	52.9	51.9	50.9	50.0	49.1	48.2	47.4	46.6	45.8
49.0	62.4	61.0	59.7	58.5	57.3	56.1	55.0	54.0	53.0	52.0	51.0	50.1	49.3	48.4	47.6	46.8
50.0	63.7	62.3	61.0	59.7	58.5	57.3	56.2	55.1	54.1	53.1	52.1	51.2	50.3	49.4	48.6	47.7
51.0	64.9	63.5	62.2	60.9	59.6	58.4	57.3	56.2	55.1	54.1	53.1	52.2	51.3	50.4	49.5	48.7
52.0	66.2	64.8	63.4	62.1	60.8	59.6	58.4	57.3	56.2	55.2	54.2	53.2	52.3	51.4	50.5	49.7
53.0	67.5	66.0	64.6	63.3	62.0	60.7	59.5	58.4	57.3	56.2	55.2	54.2	53.3	52.4	51.5	50.6
54.0	68.8	67.3	65.8	64.5	63.1	61.9	60.7	59.5	58.4	57.3	56.3	55.2	54.3	53.3	52.4	51.6
55.0	70.0	68.5	67.0	65.7	64.3	63.0	61.8	60.6	59.5	58.4	57.3	56.3	55.3	54.3	53.4	52.5
56.0	71.3	69.8	68.3	66.8	65.5	64.2	62.9	61.7	60.5	59.4	58.3	57.3	56.3	55.3	54.4	53.5
57.0	72.6	71.0	69.5	68.0	66.7	65.3	64.0	62.8	61.6	60.5	59.4	58.3	57.3	56.3	55.4	54.4
58.0	73.8	72.2	70.7	69.2	67.8	66.5	65.2	63.9	62.7	61.5	60.4	59.3	58.3	57.3	56.3	55.4
59.0	75.1	73.5	71.9	70.4	69.0	67.6	66.3	65.0	63.8	62.6	61.5	60.4	59.3	58.3	57.3	56.3
60.0	76.4	74.7	73.1	71.6	70.2	68.8	67.4	66.1	64.9	63.7	62.5	61.4	60.3	59.3	58.3	57.3
61.0	77.7	76.0	74.4	72.8	71.3	69.9	68.5	67.2	65.9	64.7	63.5	62.4	61.3	60.3	59.2	58.3
62.0	78.9	77.2	75.6	74.0	72.5	71.0	69.7	68.3	67.0	65.8	64.6	63.4	62.3	61.2	60.2	59.2
63.0	80.2	78.5	76.8	75.2	73.7	72.2	70.8	69.4	68.1	66.8	65.6	64.5	63.3	62.2	61.2	60.2
64.0	81.5	79.7	78.0	76.4	74.8	73.3	71.9	70.5	69.2	67.9	66.7	65.5	64.3	63.2	62.2	61.1
65.0	82.8	81.0	79.2	77.6	76.0	74.5	73.0	71.6	70.3	69.0	67.7	66.5	65.3	64.2	63.1	62.1
66.0	84.0	82.2	80.5	78.8	77.2	75.6	74.1	72.7	71.3	70.0	68.8	67.5	66.3	65.2	64.1	63.0
67.0	85.3	83.5	81.7	80.0	78.3	76.8	75.3	73.8	72.4	71.1	69.8	68.6	67.3	66.2	65.1	64.0
68.0	86.6	84.7	82.9	81.2	79.5	77.9	76.4	74.9	73.5	72.2	70.8	69.6	68.4	67.2	66.0	64.9
69.0	87.9	85.9	84.1	82.4	80.7	79.1	77.5	76.0	74.6	73.2	71.9	70.6	69.4	68.2	67.0	65.9
70.0	89.1	87.2	85.3	83.6	81.9	80.2	78.6	77.1	75.7	74.3	72.9	71.6	70.4	69.2	68.0	66.8
71.0	90.4	88.4	86.6	84.8	83.0	81.4	79.8	78.2	76.8	75.3	74.0	72.6	71.4	70.1	68.9	67.8
72.0	91.7	89.7	87.8	85.9	84.2	82.5	80.9	79.3	77.8	76.4	75.0	73.7	72.4	71.1	69.9	68.8
73.0	92.9	90.9	89.0	87.1	85.4	83.7	82.0	80.4	78.9	77.5	76.0	74.7	73.4	72.1	70.9	69.7
74.0	94.2	92.2	90.2	88.3	86.5	84.8	83.1	81.5	80.0	78.5	77.1	75.7	74.4	73.1	71.9	70.7
75.0	95.5	93.4	91.4	89.5	87.7	85.9	84.3	82.6	81.1	79.6	78.1	76.7	75.4	74.1	72.8	71.6