

Staccato dot size and screen ruling equivalents

Resolution (dpi)	Screen system	Feature size (microns)	Midtone ruling (lpi)	Approx. midtone dot size (microns)	Highlight dot width (microns)	Approx ruling 1&99% (lpi)	Approx ruling 28 (lpi)
300	Staccato	40 µm	146.6	86.6	84.7	30	42
300	Staccato	70 µm	74.4	170.8	84.7	30	42
360	Staccato	40 µm	175.9	72.2	70.6	36	51
360	Staccato	70 µm	89.2	142.3	70.6	36	51
600	Staccato	35 µm	293.2	43.3	42.3	60	85
600	Staccato	40 µm	148.7	85.4	42.3	60	85
600	Staccato	70 µm	146.6	86.6	84.7	30	42
720	Staccato	35 µm	351.9	36.1	35.3	72	102
720	Staccato	40 µm	178.5	71.2	35.3	72	102
720	Staccato	70 µm	175.9	72.2	70.6	36	51
1016	Staccato	30 µm	251.8	50.4	25.0	102	144
1016	Staccato	40 µm	213.0	59.6	25.0	102	144
1016	Staccato	50 µm	192.0	66.2	50.0	51	72
1200	Staccato	25 µm	297.4	42.7	21.2	120	170
1200	Staccato	36 µm	251.6	50.5	21.2	120	170
1200	Staccato	40 µm	226.7	56.0	42.3	60	85
1200	Staccato	50 µm	148.7	85.4	42.3	60	85
1200	Staccato	70 µm	149.8	84.8	63.5	40	57
1270	Staccato	25 µm	314.8	40.3	20.0	127	180
1270	Staccato	36 µm	266.3	47.7	20.0	127	180
1270	Staccato	40 µm	240.0	52.9	40.0	64	90
1270	Staccato	50 µm	157.4	80.7	40.0	64	90
1270	Staccato	70 µm	158.6	80.1	60.0	42	60
1500	Staccato	20 µm	371.8	34.2	16.9	150	212
1500	Staccato	25 µm	314.5	40.4	16.9	150	212

1500	Staccato	35 µm	283.4	44.8	33.9	75	106
1500	Staccato	50 µm	187.3	67.8	33.9	75	106
1600	Staccato	20 µm	396.6	32.0	15.9	160	226
1600	Staccato	25 µm	335.4	37.9	15.9	160	226
1600	Staccato	35 µm	302.3	42.0	31.8	80	113
1600	Staccato	50 µm	199.8	63.6	31.8	80	113
2400	Staccato	10 µm	594.9	21.3	10.6	240	339
2400	Staccato	18 µm	503.2	25.2	10.6	240	339
2400	Staccato	20 µm	453.5	28.0	21.2	120	170
2400	Staccato	25 µm	297.4	42.7	21.2	120	170
2400	Staccato	35 µm	299.6	42.4	31.8	80	113
2400	Staccato	36 µm	251.6	50.5	31.8	80	113
2400	Staccato	40 µm	226.7	56.0	42.3	60	85
2400	Staccato	70 µm	149.8	84.8	63.5	40	57
2400	Staccato	20.1 µm	586.5	21.7	21.2	120	170
2400	Staccato	31.1 µm	391.0	32.5	31.8	80	113
2400	Staccato	42.1 µm	293.2	43.3	42.3	60	85
2400	Staccato	63.1 µm	195.5	65.0	63.5	40	57
2540	Staccato	10 µm	629.6	20.2	10.0	254	359
2540	Staccato	18 µm	532.5	23.8	10.0	254	359
2540	Staccato	20 µm	479.9	26.5	20.0	127	180
2540	Staccato	25 µm	314.8	40.3	20.0	127	180
2540	Staccato	35 µm	317.1	40.0	30.0	85	120
2540	Staccato	36 µm	266.3	47.7	30.0	85	120
2540	Staccato	40 µm	240.0	52.9	40.0	64	90
2540	Staccato	70 µm	158.6	80.1	60.0	42	60
2540	Staccato	20.1 µm	620.7	20.5	20.0	127	180
2540	Staccato	31.1 µm	413.8	30.7	30.0	85	120
2540	Staccato	42.1 µm	310.4	40.9	40.0	64	90
2540	Staccato	63.1 µm	206.9	61.4	60.0	42	60

3200	Staccato	10 µm	604.7	21.0	15.9	160	226
3200	Staccato	20 µm	396.6	32.0	15.9	160	226
3200	Staccato	25 µm	335.4	37.9	23.8	107	151
3200	Staccato	35 µm	302.3	42.0	31.8	80	113
3200	Staccato	50 µm	199.8	63.6	47.6	53	75