

G-QRP Club toroid information

(All dimensions are in mm)

Toroids

Size	I/D	O/D	Height
37	5.21	9.53	3.25
50	7.70	12.70	4.83
68	9.40	17.50	4.83
114	19.00	29.00	7.50
240	35.55	61.00	12.70

Binocular cores

Size	Length	Width	Height	Hole dia.	Distance between hole centres
BN43-2402	6.20	7.00	4.20	1.70	2.90
BN43-302	10.30	13.30	7.50	3.80	5.70
BN43-202	14.35	13.30	7.50	3.80	5.70
BN61-202	14.35	13.30	7.50	3.80	5.70

Al values $\mu H = \frac{(Al \times \text{turns}^2)}{1000}$

Iron powder

Type	Al	Colour	Freq range (typical)
T37-2	4.0	Red	250kHz to 10MHz
T37-6	3.0	Yellow	3MHz to 40MHz
T37-7	3.2	White	1MHz to 25MHz
T50-1	10.0	Blue	150kHz to 3MHz
T50-2	4.9	Red	250kHz to 10MHz
T50-6	4.0	Yellow	3MHz to 40MHz
T50-7	4.3	White	1MHz to 25MHz
T68-2	5.7	Red	250kHz to 10MHz
T68-6	4.7	Yellow	3MHz to 40MHz

Ferrite

Type	Al
FT37-43	350
FT37-61	55
FT50-43	440
FT50-61	69
FT114-43	510
FT240-43	1075
BN43-2402	1440
BN43-302	1280
BN43-202	2200
BN61-202	385