

ALLOY POWDER CORE SERIES PRODUCTS

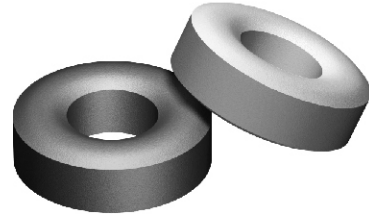
Toroidal Cores

TYPICAL PART No.

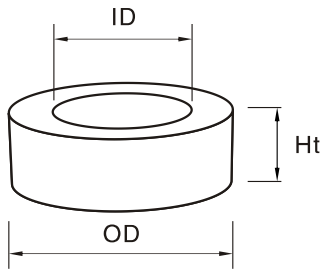
MPP 106—125
 HF
 KS

Permeability (μ_e)
 Size Designation
 Materials Mix No.

Permeability: From 14 μ to 125 μ
 MPP: MPP Core (gray)
 HF: High Flux Core (blue)
 KS: Sendust Core (black)



TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS



Le: Mean Magnetic Path length

Ae: Cross Section Area

Ve: Core Volume

Operating temperature range: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

A_L Test condition: 10kHz, 1mT

STANDARD SPECIFICATIONS

Part No. MPP-XXX-XX HF-XXX-XX KS-XXX-XX	A _L nH/N ²	Dimensions (Bare)			Dimensions (Coated)			L cm	A cm ²	V cm ³
		OD mm	ID mm	HT mm	OD mm(Max)	ID mm(Min)	HT mm(Max)			
141-26	24	35.80	22.40	10.50	36.63	21.54	11.28	0.678	6.088	3.640
141-35	33	35.80	22.40	10.50	36.63	21.54	11.28	0.678	6.088	3.640
141-60	56	35.80	22.40	10.50	36.63	21.54	11.28	0.678	6.088	3.640
141-75	70	35.80	22.40	10.50	36.63	21.54	11.28	0.678	6.088	3.640
141-90	84	35.80	22.40	10.50	36.63	21.54	11.28	0.678	6.088	3.640
141-125	117	35.80	22.40	10.50	36.63	21.54	11.28	0.678	6.088	3.640
157-26	35	39.90	24.10	14.50	40.72	23.30	15.37	9.840	1.072	10.500
157-35	48	39.90	24.10	14.50	40.72	23.30	15.37	9.840	1.072	10.500
157-60	81	39.90	24.10	14.50	40.72	23.30	15.37	9.840	1.072	10.500
157-75	101	39.90	24.10	14.50	40.72	23.30	15.37	9.840	1.072	10.500
157-90	121	39.90	24.10	14.50	40.72	23.30	15.37	9.840	1.072	10.500
157-125	168	39.90	24.10	14.50	40.72	23.30	15.37	9.840	1.072	10.500
168-26	47	42.90	24.20	16.26	44.00	23.30	17.16	10.261	1.475	15.741
168-35	63	42.90	24.20	16.26	44.00	23.30	17.16	10.261	1.475	15.741
168-60	108	42.90	24.20	16.26	44.00	23.30	17.16	10.261	1.475	15.741
168-75	135	42.90	24.20	16.26	44.00	23.30	17.16	10.261	1.475	15.741
168-90	161	42.90	24.20	16.26	44.00	23.30	17.16	10.261	1.475	15.741
168-125	224	42.90	24.20	16.26	44.00	23.30	17.16	10.261	1.475	15.741
184-26	59	46.70	24.10	18.00	47.63	23.32	18.92	10.740	1.990	21.300
184-35	80	46.70	24.10	18.00	47.63	23.32	18.92	10.740	1.990	21.300
184-60	135	46.70	24.10	18.00	47.63	23.32	18.92	10.740	1.990	21.300
184-75	169	46.70	24.10	18.00	47.63	23.32	18.92	10.740	1.990	21.300
184-90	202	46.70	24.10	18.00	47.63	23.32	18.92	10.740	1.990	21.300
184-125	281	46.70	24.10	18.00	47.63	23.32	18.92	10.740	1.990	21.300