

Ferrites, Powder Cores

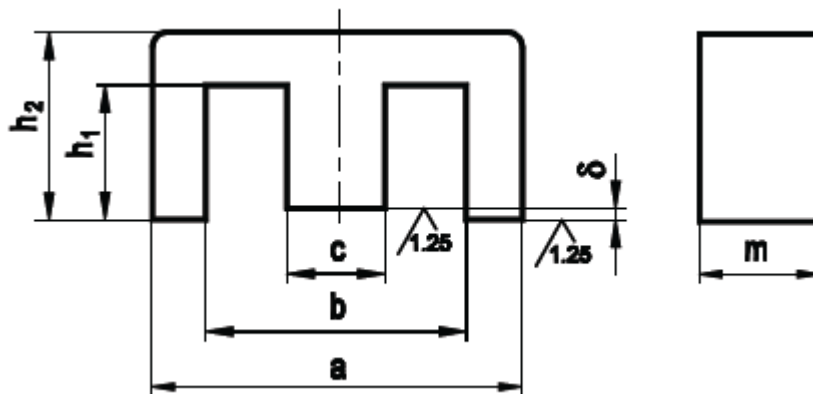
Ferrites

EE,EF-MAGOK

EE,EF-KERNE

EE,EF-CORES

Rendelési szám Bestellnummer Ordering code: TI 1021 -XXXX -XX -X



MÉRETEK | ABMESSUNGEN | DIMENSIONS

| Tipus Typ Type | | a | b | c | m | h ₁ | h ₂ |
|-------------------|-----------|--------------------------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| -XXXX | | [mm] | | | | | |
| -1080 | EF 12,6 | 12, ^{+0,5} _{-0,4} | 8,9 ^{+0,6} | 3,7 _{-0,3} | 3,7 _{-0,3} | 4,5 ^{+0,3} | 6,5 _{-0,2} |
| -1090 | EF 16 | 16,0 ^{+0,7} _{-0,5} | 11,3 ^{+0,6} | 4,7 _{-0,3} | 4,7 _{-0,4} | 5,7 ^{+0,4} | 8,2 _{-0,3} |
| -1260 | EF 16/7,2 | 16,1±0,6 | min. 11,3 | 4,55±0,15 | 7,2±0,2 | 3,8±0,2 | 5,8±0,2 |
| -1100 | EF 20/6 | 20,0 ^{+0,8} _{-0,6} | 14,1 ^{+0,6} | 5,9 _{-0,4} | 5,9 _{-0,5} | 7,0 ^{+0,4} | 10,2 _{-0,4} |
| -1290 | EF 20/7 | 20,0 ^{+0,8} _{-0,6} | 14,1 ^{+0,6} | 5,9 _{-0,4} | 7,0 _{-0,5} | 7,0 ^{+0,4} | 10,2 _{-0,4} |
| -1300 | EF 20/11 | 20,0 ^{+0,8} _{-0,6} | 14,1 ^{+0,6} | 5,9 _{-0,4} | 11,0 _{-0,5} | 7,0 ^{+0,4} | 10,2 _{-0,4} |
| -1150 | EE 20 | 20,0 ^{+0,7} _{-0,4} | 12,8 ^{+0,7} | 5,2 _{-0,4} | 5,3 _{-0,4} | 6,3 ^{+0,5} | 10,2 _{-0,4} |
| -1160 | EF 25 | 25,0 ^{+0,8} _{-0,7} | 17,5 ^{+0,8} | 7,5 _{-0,5} | 7,5 _{-0,6} | 8,7 ^{+0,5} | 12,8 _{-0,5} |
| -1230 | EE 25/6 | 25,4±0,4 | min. 18,8 | 6,35±0,3 | 6,35±0,25 | 12,7±0,3 | 15,85±0,3 |
| -1140 | EF 25/11 | 25,0 ^{+0,8} _{-0,7} | 17,5 ^{+0,8} | 7,5 _{-0,5} | 11,0 _{-0,5} | 8,7 ^{+0,5} | 12,8 _{-0,5} |
| -1250 | EE 25,4/7 | 25,4±0,7 | 18,8 ^{+0,8} | 6,5 _{-0,4} | 6,5 _{-0,5} | 6,5 ^{+0,3} | 9,8 _{-0,2} |

| | | | | | | | |
|-------|-----------|--------------------------------------|--------------------------------------|----------------------|----------------------|----------------------|----------------------|
| -1170 | EE 30 | 30,0 ^{+0,8} _{-0,6} | 19,5 ^{+0,8} | 7,2 ^{-0,5} | 7,3 ^{-0,5} | 9,7 ^{+0,6} | 15,2 ^{-0,4} |
| -1270 | EE 30/12 | 30,0 ^{+0,8} _{-0,6} | 19,5 ^{+0,8} | 7,2 ^{-0,5} | 12,6 ^{-0,6} | 9,7 ^{+0,6} | 15,2 ^{-0,4} |
| -1280 | EF 32/9 | 32,0 ^{+0,9} _{-0,7} | 22,7 ^{+1,0} | 9,5 ^{-0,6} | 9,5 ^{-0,7} | 11,0±0,3 | 15,5±0,3 |
| -1240 | EE 35 | 34,9±0,7 | min. 25,5 | 9,2±0,25 | 9,15±0,25 | 9,8±0,25 | 14,4±0,25 |
| -1210 | EE 40/12 | 40,6±0,6 | min. 28,6 | 12,5±0,25 | 12,5±0,25 | 10,5±0,3 | 16,5±0,2 |
| -1180 | EE 42/15 | 42,0 ^{+1,0} _{-0,7} | 29,5 ^{+1,2} | 12,2 ^{-0,5} | 15,2 ^{-0,5} | 14,8 ^{+0,7} | 21,2 ^{-0,4} |
| -1190 | EE 42/20 | 42,0 ^{+1,0} _{-0,7} | 29,5 ^{+1,2} | 12,2 ^{-0,5} | 20,0 ^{-0,8} | 14,8 ^{+0,7} | 21,2 ^{-0,4} |
| -1070 | EE 43/15 | 43,5 ^{+1,0} _{-0,9} | 31,0 ^{+1,2} _{-0,2} | 12,2 ^{-0,5} | 15,2 ^{-0,5} | 15,0 ^{+0,6} | 21,4 ^{-0,4} |
| -1060 | EE 43/20 | 43,5 ^{+1,0} _{-0,9} | 31,0 ^{+1,2} _{-0,2} | 12,2 ^{-0,5} | 20,0 ^{-0,6} | 14,8 ^{+0,6} | 21,2 ^{-0,4} |
| -1200 | EE 55/21 | 55,0 ^{+1,2} _{-0,9} | 37,5 ^{+1,2} | 17,2 ^{-0,5} | 21,0 ^{-0,6} | 18,5 ^{+0,8} | 27,8 ^{-0,6} |
| -1320 | EE 60/16 | 60,0±0,8 | min. 44,1 | 15,6±0,4 | 15,6±0,4 | 27,85±0,35 | 35,85±0,35 |
| -1220 | EE 65/27 | 65,15±1,35 | 44,95±0,75 | 19,65±0,35 | 27,1±0,3 | 22,6±0,4 | 32,5±0,3 |
| -1400 | EE 70/32 | 70,5±1,0 | 48,0 ^{+1,5} | 22,0 ^{-0,7} | 32,0 ^{-0,8} | 21,9 ^{+0,7} | 33,2 ^{-0,5} |
| -1360 | EE 80/20 | 80,0±1,8 | 58,9 ^{+2,6} | 20,2 ^{-0,8} | 20,2 ^{-0,8} | 27,9 ^{+0,8} | 38,5 ^{-0,8} |
| -1410 | EE 100/25 | 100,0±2,0 | 72,0 ^{+3,0} | 26,0 ^{-1,0} | 26,0 ^{-1,0} | 32,5 ^{+1,0} | 46,5 ^{-1,0} |

Effektív paraméterek (pár)
Magnetische Formkenngrößen (satz)
Effective Core Parameters (per set)

| Tipus Typ Type | C ₁ | l _e | A _e | A _{min} | V _e | Súly Gewicht Weight |
|-------------------|------------------|----------------|-----------------|------------------|-----------------|---------------------------|
| -XXXX | mm ⁻¹ | mm | mm ² | mm ² | mm ³ | ≈ g/satz |
| -1080 | 2,2769 | 29,6 | 13,0 | 12,2 | 384 | 1,0 |
| -1090 | 1,8706 | 37,6 | 20,1 | 19,4 | 754 | 2,3 |
| -1260 | 0,9051 | 28,6 | 31,6 | - | 904 | 2,2 |
| -1100 | 1,3403 | 44,9 | 33,5 | 25,5 | 1500 | 3,7 |
| -1290 | 1,1764 | 46,0 | 39,1 | - | 1800 | 4,6 |
| -1300 | 0,6899 | 45,4 | 65,8 | 60,0 | 2989 | 7,6 |
| -1150 | 1,3871 | 43,0 | 31,0 | 25,5 | 1340 | 3,6 |
| -1160 | 1,0952 | 57,5 | 52,5 | - | 3020 | 8,0 |
| -1230 | 1,8168 | 73,4 | 40,4 | - | 2963 | 7,5 |
| -1140 | 0,7455 | 57,7 | 77,4 | 75,0 | 4466 | 11,7 |
| -1250 | 1,2680 | 49,2 | 38,8 | 38,4 | 1910 | 4,8 |
| -1170 | 1,1167 | 67,0 | 60,0 | 49,0 | 4000 | 11,0 |
| -1270 | 0,6381 | 67,0 | 105,0 | 91,0 | 7000 | 18,0 |
| -1280 | 0,8129 | 71,7 | 88,2 | 85,5 | 6314 | 17,0 |
| -1240 | 0,8450 | 70,3 | 83,2 | - | 5852 | 15,0 |
| -1210 | 0,5168 | 77,0 | 149,0 | 143,0 | 11550 | 29,0 |

| | | | | | | |
|-------|--------|-------|-------|-------|--------|-------|
| -1180 | 0,5359 | 97,0 | 181,0 | 175,0 | 17600 | 44,0 |
| -1190 | 0,4042 | 97,0 | 240,0 | 229,0 | 23300 | 58,0 |
| -1070 | 0,5448 | 98,6 | 181,0 | - | 17846 | 44,0 |
| -1060 | 0,4196 | 98,6 | 235,0 | - | 23171 | 59,0 |
| -1200 | 0,3390 | 120,0 | 354,0 | 351,0 | 42500 | 108,0 |
| -1320 | 0,6762 | 165,0 | 244,0 | - | 40260 | 105,0 |
| -1220 | 0,2655 | 146,0 | 550,0 | - | 80400 | 194,0 |
| -1400 | 0,2181 | 149,0 | 683,0 | 676,0 | 101800 | 257,0 |
| -1360 | 0,4717 | 184,0 | 390,0 | 388,0 | 71800 | 180,0 |
| -1410 | 0,3326 | 220,8 | 663,9 | 659,0 | 146597 | 350,0 |

Légrésnélküli fazékmagok A_L -értékei
 A_L -Werte der Schalenkerne ohne Luftspalt
 A_L -values of pot cores without air gap

| -XX | Anyag Werkstoff Material | Tipus Typ Type | $A_L^{+30,-20\%}$ |
|-----|--------------------------------|-------------------|-------------------|
|-----|--------------------------------|-------------------|-------------------|

[nH] μ -**25M2TN-BEF** 12,68001450-**26M2TN-C**8301500-**27M2TN-D**8501450-**30M3TN**8501540-**40M4**9301685-**25M2TN-BEF** 1610001490-**26M2TN-C**10401550-**27M2TN-D**10001490-**30M3TN**11501711-**40M4**13001935-**25M2TN-BEF** 16/7,219601410-**26M2TN-C**21701551-**27M2TN-D**19601410-**30M3TN**24501764-**40M4**30002170-**25M2TN-BEF** 20/613001390-**26M2TN-C**14701570-**27M2TN-D**13001390-**30M3TN**16801791-**40M4**23302484-**25M2TN-BEF** 20/718601590-**26M2TN-C**20501770-**27M2TN-D**18601590-**30M3TN**23002152-**40M4**30502630-**25M2TN-BEF** 20/1128901590-**26M2TN-C**32201770-**27M2TN-D**28901590-**30M3TN**37302047-**40M4**47902630-**25M2TN-BEF** 2013001430-**26M2TN-C**15801740-**27M2TN-D**13001430-**30M3TN**18202010-**40M4**23102560-**25M2TN-BEF** 2517501520-**26M2TN-C**18001580-**27M2TN-D**17501520-**30M3TN**21501873-**40M4**28602500-**25M2TN-BEE** 25/611401650-**26M2TN-C**13001890-**27M2TN-D**11401650-**30M3TN**15702269-**40M4**18002610-**25M2TN-BEE** 25/1125601520-**26M2TN-C**31401860-**27M2TN-D**25601520-**30M3TN**32501927-**40M4**36602170-**25M2TN-BEE** 25,4/715001515-**26M2TN-C**16001610-**27M2TN-D**15001515-**30M3TN**20002017-**40M4**24002425-**25M2TN-BEE** 3018001600-**26M2TN-C**18501650-**27M2TN-D**18001600-**30M3TN**26002310-**40M4**30602730-**25M2TN-BEE** 30/1234301700-**26M2TN-C**38501910-**27M2TN-D**34301700-**30M3TN**45502310-**40M4**59302940-**25M2TN-BEE** 32/925701660-**26M2TN-C**28801863-**27M2TN-D**25701660-**30M3TN**35102270-**40M4**43902840-**25M2TN-BEE** 3522001500-**26M2TN-C**23001550-**27M2TN-D**22001500-**40M4**38002600-**25M2TN-BEE** 40/1238001550-**26M2TN-C**40001650-**27M2TN-D**38001550-**40M4**61002520-**25M2TN-BEE** 42/1535001490-**26M2TN-C**38001650-**27M2TN-D**35001490-**40M4**68002890-**25M2TN-BEE** 42/2047501530-**26M2TN-C**51001650-**27M2TN-D**47501530-**40M4**90002900-**25M2TN-BEE** 43/1545001952-**26M2TN-C**46602020-**40M4**67502900-**25M2TN-BEE** 43/2048701625-**26M2TN-C**60502020-**40M4**86802900-**25M2TN-BEE** 55/2158001570-**26M2TN-C**66001800-**40M4**111503010-**25M2TN-BEE** 60/1632701760-**26M2TN-C**37001990-**40M4**58703160-**25M2TN-BEE** 65/2777001620-**26M2TN-C**85801810-**40M4**139702950-**25M2TN-BEE** 70/3288501535-**26M2TN-C**98001700-**25M2TN-BEE** 80/2041501550-**26M2TN-C**45001690-**40M4**64502420-**25M2TN-BEE** 100/2559501573-**26M2TN-C**66201752-**30M3TN**59501573-**27M2TN-D**76702029-**40M4**97902592

Teljesítményveszteség | Leistungverlust | Power loss

| Anyag Werkstoff Material | \hat{B} [mT] at $H^{\wedge}=2,5A/cm$ $T=100\text{ }^{\circ}C$ | "P." [mW/g] | | | | |
|--------------------------------|---|----------------------------------|----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| | | f=16 kHz B=200 mT T=100 °C | f=25 kHz B=200 mT T=100 °C | f=100 kHz B=100 mT T=100 °C | f=100 kHz B=200 mT T=100 °C | f=300 kHz B=50 mT T=100 °C |
| M2TN-B | ≥ 330 | $\leq 21,0$ | $\leq 35,0$ | - | - | - |

| | | | | | | |
|---------------|------|---|-------|-------|--------|-------|
| M2TN-C | ≥330 | - | ≤20,0 | ≤25,0 | - | - |
| M2TN-D | ≥330 | - | - | ≤23,0 | - | ≤30,0 |
| M3TN | ≥320 | - | ≤35,0 | - | ≤280,0 | - |

**Légréses magok is beszerezhetők, kérjük rendeléskor az adatokat közölni.
 Beschaffbar sind auch Schalenkerne, mit Luftspalt, bei Bestellung bitten wir die Werte angeben.
 Gapped core is available, please specify when ordering.**

| -X | Kivitel | Ausführung | Construction |
|-----------|----------------|-------------------|---------------------|
| -0 | légrés nélkül | ohne Luftspalt | without air gap |
| -1 | légréses | mit Luftspalt | with air gap |