

Series	Grade	Br	bHc	iHc	Squareness	BHmax	Density	Br.Temp. Coefficient	Curie Temp. (L/D ≥ 0.7)	Working Temp.
		mT(KGs)	KA/m (KOe)	KA/m(KOe)	bHc/iHc	KJ/m3(MGOe)	g/cm3	%/°C	°C	°C
N	N35	1170-1210	≥860	≥955	≥0.85	263-287	7.4-7.6	-0.12(60°C)	310	≤80
		(11.7-12.1)	(≥10.8)	(≥12)		(33-36)				
	N38	1210-1250	≥899	≥955	≥0.85	287-310	7.5-7.7	-0.12(60°C)	310	≤80
		(12.1-12.5)	(≥11.3)	(≥12)		(36-37)				
	N40	1250-1280	≥923	≥955	≥0.85	302-326	7.5-7.7	-0.12(60°C)	310	≤80
		(12.5-12.8)	(≥11.6)	(≥12)		(38-41)				
	N42	1280-1320	≥923	≥955	≥0.85	318-342	7.5-7.7	-0.12(60°C)	310	≤80
		(12.8-13.2)	(≥11.6)	(≥12)		(40-43)				
	N45	1320-1380	≥876	≥955	≥0.85	342-366	7.5-7.7	-0.12(60°C)	310	≤80
		(13.2-13.8)	(≥11.0)	(≥12)		(43-46)				
N48	1370-1420	≥836	≥876	≥0.85	366-390	7.5-7.7	-0.12(60°C)	310	≤80	
	(13.7-14.2)	(≥10.5)	(≥11)		(46-49)					
N50	1400-1450	≥836	≥876	≥0.85	366-390	7.5-7.7	-0.12(60°C)	310	≤80	
	(14.0-14.5)	(≥10.5)	(≥11)		(47-51)					
N52	1430-1480	≥836	≥876	≥0.85	380-412	7.5-7.7	-0.12(60°C)	310	≤80	
	(14.3-14.8)	(≥10.5)	(≥11)		(49-53)					
N55	1470-1530	≥836	≥876	≥0.85	414-446	7.5-7.7	-0.12(60°C)	310	≤80	
	(14.7-15.3)	(≥10.5)	(≥11)		(52-56)					
M	33M	1130-1170	≥836	≥1114	≥0.85	247-263	7.5-7.7	-0.12(80°C)	320	≤100
		(11.3-11.7)	(≥10.5)	(≥14)		(31-33)				
	35M	1170-1210	≥868	≥1114	≥0.85	263-287	7.5-7.7	-0.12(80°C)	320	≤100
		(11.7-12.1)	(≥10.9)	(≥14)		(33-36)				
	38M	1210-1250	≥899	≥1114	≥0.85	287-310	7.5-7.7	-0.12(80°C)	320	≤100
		(12.1-12.5)	(≥11.3)	(≥14)		(36-37)				
	40M	1250-1280	≥923	≥1114	≥0.85	302-326	7.5-7.7	-0.12(80°C)	320	≤100
		(12.5-12.8)	(≥11.6)	(≥14)		(38-42)				
	42M	1280-1320	≥955	≥1114	≥0.85	318-342	7.5-7.7	-0.12(80°C)	320	≤100
		(12.8-13.2)	(≥12.0)	(≥14)		(40-44)				

	45M	1320-1380	$\geq 994$	$\geq 1114$	$\geq 0.85$	334-366	7.5-7.7	-0.12(80℃)	320	$\leq 100$
		(13.2-13.8)	( $\geq 12.5$ )	( $\geq 14$ )		(42-46)				
	48M	1370-1420	$\geq 1019$	$\geq 1114$	$\geq 0.85$	358-390	7.5-7.7	-0.12(80℃)	320	$\leq 100$
		(13.7-14.2)	( $\geq 12.8$ )	( $\geq 14$ )		(46-49)				
	50M	1400-1450	$\geq 1042$	$\geq 1114$	$\geq 0.85$	374-406	7.5-7.7	-0.12(80℃)	320	$\leq 100$
		(14.0-14.5)	( $\geq 13.1$ )	( $\geq 14$ )		(47-51)				
H	30H	1080-1130	$\geq 810$	$\geq 1353$	$\geq 0.85$	220-247	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(10.8-11.3)	( $\geq 10.2$ )	( $\geq 17$ )		(30-31)				
	33H	1130-1170	$\geq 836$	$\geq 1353$	$\geq 0.85$	247-263	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(11.3-11.7)	( $\geq 10.5$ )	( $\geq 17$ )		(31-33)				
	35H	1170-1210	$\geq 868$	$\geq 1353$	$\geq 0.85$	263-287	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(11.7-12.1)	( $\geq 10.9$ )	( $\geq 17$ )		(33-36)				
	38H	1210-1250	$\geq 899$	$\geq 1353$	$\geq 0.85$	287-310	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(12.1-12.5)	( $\geq 11.3$ )	( $\geq 17$ )		(36-37)				
	40H	1250-1280	$\geq 923$	$\geq 1353$	$\geq 0.85$	302-326	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(12.5-12.8)	( $\geq 11.6$ )	( $\geq 17$ )		(38-41)				
	42H	1280-1320	$\geq 955$	$\geq 1353$	$\geq 0.85$	318-342	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(12.8-13.2)	( $\geq 12.0$ )	( $\geq 17$ )		(40-43)				
	44H	1300-1370	$\geq 963$	$\geq 1274$	$\geq 0.85$	326-358	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(13.0-13.7)	( $\geq 12.1$ )	( $\geq 17$ )		(41-45)				
	46H	1320-1380	$\geq 980$	$\geq 1274$	$\geq 0.85$	342-374	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(13.2-13.8)	( $\geq 12.3$ )	( $\geq 17$ )		(43-47)				
	48H	1370-1430	$\geq 995$	$\geq 1353$	$\geq 0.85$	366-390	7.5-7.7	-0.10(100℃)	340	$\leq 120$
		(13.7-14.3)	( $\geq 12.53$ )	( $\geq 17$ )		(46-49)				
SH	30SH	1080-1130	$\geq 810$	$\geq 1592$	$\geq 0.85$	220-247	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(10.8-11.3)	( $\geq 10.2$ )	( $\geq 20$ )		(30-31)				
	33SH	1130-1170	$\geq 844$	$\geq 1592$	$\geq 0.85$	247-263	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(11.3-11.7)	( $\geq 10.6$ )	( $\geq 20$ )		(31-33)				
	35SH	1170-1210	$\geq 876$	$\geq 1592$	$\geq 0.85$	263-287	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(11.7-12.1)	( $\geq 11.0$ )	( $\geq 20$ )		(33-36)				
	38SH	1210-1250	$\geq 907$	$\geq 1592$	$\geq 0.85$	287-310	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(12.1-12.5)	( $\geq 11.4$ )	( $\geq 20$ )		(36-37)				
	40SH	1250-1280	$\geq 939$	$\geq 1592$	$\geq 0.85$	302-326	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(12.5-12.8)	( $\geq 11.8$ )	( $\geq 20$ )		(38-41)				
	42SH	1280-1320	$\geq 955$	$\geq 1592$	$\geq 0.85$	318-342	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(12.8-13.2)	( $\geq 12.0$ )	( $\geq 20$ )		(40-43)				

	45SH	1330-1380	$\geq 971$	$\geq 1592$	$\geq 0.85$	345-360	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(13.3-13.8)	$\geq 12.2$	( $\geq 20$ )		(44-46)				
	48SH	1360-1420	$\geq 995$	$\geq 1592$	$\geq 0.85$	358-390	7.5-7.7	-0.10(100℃)	340	$\leq 150$
		(13.6-14.2)	$\geq 12.5$	( $\geq 20$ )		(45-49)				
UH	28UH	1020-1080	$\geq 764$	$\geq 1990$	$\geq 0.85$	207-231	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(10.2-10.8)	( $\geq 9.6$ )	( $\geq 25$ )		(26-29)				
	30UH	1080-1130	$\geq 812$	$\geq 1990$	$\geq 0.85$	223-247	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(10.8-11.3)	( $\geq 10.2$ )	( $\geq 25$ )		(28-31)				
	33UH	1130-1190	$\geq 852$	$\geq 1990$	$\geq 0.85$	247-263	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(11.3-11.9)	( $\geq 10.7$ )	( $\geq 25$ )		(31-34)				
	35UH	1170-1230	$\geq 875$	$\geq 1990$	$\geq 0.85$	263-295	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(11.7-12.3)	( $\geq 11.0$ )	( $\geq 25$ )		(33-37)				
	38UH	1210-1250	$\geq 915$	$\geq 1990$	$\geq 0.85$	287-310	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(12.1-12.5)	( $\geq 11.6$ )	( $\geq 25$ )		(36-37)				
	40UH	1250-1280	$\geq 836$	$\geq 1990$	$\geq 0.85$	302-326	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(12.5-12.8)	( $\geq 10.5$ )	( $\geq 25$ )		(38-41)				
	42UH	1280-1320	$\geq 836$	$\geq 1990$	$\geq 0.85$	318-342	7.5-7.7	-0.10(100℃)	350	$\leq 180$
		(12.8-13.2)	( $\geq 10.5$ )	( $\geq 25$ )		(40-43)				
EH	28EH	1040-1090	$\geq 780$	$\geq 2388$	$\geq 0.85$	207-231	7.5-7.7	-0.10(100℃)	350	$\leq 200$
		(10.4-10.9)	( $\geq 9.8$ )	( $\geq 30$ )		(26-29)				
	30EH	1090-1170	$\geq 812$	$\geq 2388$	$\geq 0.85$	223-255	7.5-7.7	-0.10(100℃)	350	$\leq 200$
		(10.9-11.7)	( $\geq 10.2$ )	( $\geq 30$ )		(28-32)				
	33EH	1140-1220	$\geq 851$	$\geq 2388$	$\geq 0.85$	247-279	7.5-7.7	-0.10(100℃)	350	$\leq 200$
(11.4-12.2)		( $\geq 10.7$ )	( $\geq 30$ )	(31-35)						
35EH	1180-1250	$\geq 875$	$\geq 2388$	$\geq 0.85$	263-295	7.5-7.7	-0.10(100℃)	350	$\leq 200$	
	(11.8-12.5)	( $\geq 11.0$ )	( $\geq 30$ )		(33-37)					
38EH	1210-1290	$\geq 923$	$\geq 2388$	$\geq 0.85$	287-318	7.5-7.7	-0.10(100℃)	350	$\leq 200$	
	(12.1-12.9)	( $\geq 11.5$ )	( $\geq 30$ )		(36-40)					
AH	28AH	1040-1090	$\geq 764$	$\geq 2786$	$\geq 0.85$	207-231	7.5-7.7	-0.09(100℃)	350	$\leq 230$
		(10.4-10.9)	( $\geq 9.6$ )	( $\geq 35$ )		(26-29)				
	30AH	1090-1170	$\geq 804$	$\geq 2786$	$\geq 0.85$	223-255	7.5-7.7	-0.09(100℃)	350	$\leq 230$
		(10.9-11.7)	( $\geq 10.1$ )	( $\geq 35$ )		(28-32)				
	33AH	1140-1220	$\geq 852$	$\geq 2786$	$\geq 0.85$	247-279	7.5-7.7	-0.09(100℃)	350	$\leq 230$
		(11.4-12.2)	( $\geq 10.7$ )	( $\geq 35$ )		(31-35)				
	35AH	1180-1250	$\geq 868$	$\geq 2786$	$\geq 0.85$	263-295	7.5-7.7	-0.09(100℃)	350	$\leq 230$
		(11.8-12.5)	( $\geq 10.9$ )	( $\geq 35$ )		(33-37)				