



WWII German Kriegsmarine Submarine List

Submarine Class	German Kriegsmarine Submarine Data																		
	Main	ROF	Low AA	Armor	Torpedoes				Protection			Radar	Aircraft	Hulls	Engines	Speed		Dive 100 ft.	Size
					TT fwd	TT stern	Reload	Type	Flash	UW	DC					Surface	Submerge (full)		
Type IA	105mm(1):5	2.5	1:2	1 1	4	2	8	G7e			1			1	1+1	13	6	6.5	1
Type IIA			1:2	1 1	3		3	G7e			1			1	1+1	10	5	5	0
Type IIB			1:2	1 1	3		3	G7e			1			1	1+1	10	5	5	0
Type IIC			1:2	1 1	3		3	G7e			1			1	1+1	9	5	5	0
Type IID			1:2	1 1	3		3	G7e			1			1	1+1	9	5	5	0
Type VIIA	88mm(1):4	2.75	1:2	1 1	4	1	7				1			1	1+1	12	6	7	1
Type VIIIB	88mm(1):4	2.75	1:2	1 1	4	1	9				1			1	1+1	13	6	7	1
Type VIIC	88mm(1):4	2.75	1:2	1 1	4	1	9				1			1	1+1	12	6	7	1
Type VIIC/'42			8:2	1 1	4	1	11				1			1	1+1	14	6	7	1
Type VIIF	88mm(1):4	2.75	1:2	1 1	4	1	22				1			2	1+1	12	6	7	1
Type IXA	105mm(1):5	2.5	1:4, 1:2	1 1	4	2	16				1			2	1+1	13	6	6.5	1
Type IXB	105mm(1):5	2.5	1:4, 1:2	1 1	4	2	16				1			2	1+1	13	5	6.5	1
Type IXC	105mm(1):5	2.5	1:4, 1:2	1 1	4	2	16				1			2	1+1	13	5	6.5	1
Type IXD-2	105mm(1):5	2.5	1:4, 1:2	1 1	4	2	16				1			2	1+1	14	5	6.5	1
Type XB	105mm(1):5	2.5	1:4, 1:2	1 1		2	0				1			2	1+1	12	5	6.5	1
TypeXIV			2:4, 1:2	1 1							1			2	1+1	11	5	6.5	1
Type XXI			4:2	1 1	6		17				1			2	1+1	13	5 (11)	7	1
Type XXIII				½ ½	2		0				1			1	1+1	16	4 (11)	5	0

105mm	Shell	Damage	Disp	Range 100xmetres vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																	
Max 17,300				4	3½	3	2½	2	1½	1											
Up to range	HE	8		18	30	40	50	64	73	173											
				1	1½	2										DAF	1	2	3	4	5
Range over				0	140	161										Range over	51	62	74	84	96

88mm	Shell	Damage	Disp	Range 100xmetres vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																	
Max 16.200				3	2½	2	1½	1													
Up to range	HE	9		5	10	15	20	162													
				1	1½											DAF	1	2	3	4	5
Range over				0	147											Range over	47	58	68	77	87