

Screw Plug Immersion Heaters

Application Element Guidelines

Application	Screw Plug Size (In.)	Sheath Material	Screw Plug Material	Heater Model	Integral Thermostat	Page
Clean Water	1	Copper	Brass	ARTM	Yes	B-7
	1	Copper	Brass	MT	No	B-8
	1-1/4	Copper	Brass	ARMT-1	No	B-9
	1-1/4	Copper	Brass	MT-1	No	B-10
	2	Copper	Brass	EMT-3	No	B-15
	2	Copper	Brass	ARMT-2	Yes	B-11
	2	Copper	Brass	MT-2	No	B-13
	2	INCOLOY®	Brass	CH-SD	No	B-16
	2-1/2	Copper	Brass	ARMT-3	Yes	B-17
2-1/2	Copper	Brass	MT-3	No	B-21	
Process Water	1	SS	SS	ARTMS	Yes	B-23
	1	SS	SS	MTS	No	B-24
	1-1/4	SS	SS	ARMTS-1	Yes	B-25
	1-1/4	SS	SS	MTS-1	No	B-26
	2	SS	SS	ARMTS-2	Yes	B-27
	2	SS	SS	MTS-2	No	B-29
	2	SS	SS	AREMTS-3	Yes	B-31
	2	SS	SS	EMTS-3	No	B-32
	2-1/2	SS	SS	ARMTS-3	Yes	B-34
2-1/2	SS	SS	MTS-3	No	B-36	
Solution Water	2	INCOLOY®	SS	ARMTI-2	Yes	B-38
	2	INCOLOY®	SS	MTI-2	No	B-40
	2	INCOLOY®	SS	AREMTI-3	Yes	B-41
	2	INCOLOY®	SS	EMTI-3	No	B-42
	2-1/2	INCOLOY®	SS	ARMTI-3	Yes	B-43
	2-1/2	INCOLOY®	SS	MTI-3	No	B-45
Corrosive Solutions	2	SS	SS	AREMTS-3	Yes	B-46
	2	SS	SS	EMTS-3	No	B-47
	2	INCOLOY®	SS	AREMTI-3	Yes	B-48
	2	INCOLOY®	SS	EMTI-3	No	B-49
Severely Corrosive Solutions	2	SS	SS	AREMTS-3	Yes	B-50
	2	SS	SS	EMTS-3	No	B-51
	2	INCOLOY®	SS	AREMTI-3	Yes	B-52
	2	INCOLOY®	SS	EMTI-3	No	B-53
Light Weight Oil	1	Steel	Steel	ARMTO	Yes	B-54
	1	Steel	Steel	MTO	No	B-55
	1	Steel	Steel	ARTMO-1	Yes	B-56
	1-1/4	Steel	Steel	MTO-1	No	B-57
	2	Steel	Steel	ARMTO-2	Yes	B-58
	2	Steel	Steel	MTO-2	No	B-60
	2	Steel	Steel	AREMTO-3	Yes	B-61
	2	Steel	Steel	EMTO-3	No	B-62
	2-1/2	Steel	Steel	ARMTO-3	Yes	B-63
2-1/2	Steel	Steel	MTO-3	No	B-65	
Medium Weight Oil	2	Steel	Steel	ARMTO-2	Yes	B-67
	2	Steel	Steel	MTO-2	No	B-68
	2	Steel	Steel	AREMTO-3	Yes	B-69
	2	Steel	Steel	EMTO-3	No	B-70
	2-1/2	Steel	Steel	ARMTO-3	Yes	B-71
	2-1/2	Steel	Steel	MTO-3	No	B-72
Heavy Weight Oil	2	Steel	Steel	ARMTO-2	Yes	B-73
	2	Steel	Steel	MTO-2	No	B-74
	2	Steel	Steel	AREMTO-3	Yes	B-73
	2	Steel	Steel	EMTO-3	No	B-74
	2-1/2	Steel	Steel	ARMTO-3	Yes	B-75
	2-1/2	Steel	Steel	MTO-3	No	B-75
Specialty Heaters — Water, Oil & Corrosive Fluids	1/2	INCOLOY®	Steel	RI	No	B-79
	1/2	SS	Steel	RIO	No	B-79
	1/2	INCOLOY®	Brass	RIN	No	B-80
	1/2	SS	Brass	RINO	No	B-80
	1/2	SS	SS	RIS	No	B-79
	3/4	INCOLOY®	Brass	RIN	No	B-80
	3/4	SS	Brass	RINO	No	B-80
	1	Copper	Brass	TMW-1	No	B-76
	1	Copper	Steel	TM-1	No	B-78
	1	SS	SS	TMWS-1	No	B-76
	1	Steel	Steel	TMO-1	No	B-78
	1-1/4	Copper	Brass	TMW-2	No	B-77
	2	INCOLOY®	Brass	DWH-MR	Yes	B-81
	2	INCOLOY®	Steel	MTO-LT	No	B-82
	2-1/2	INCOLOY®	Steel	VTS	Yes	B-83
	2-1/2	—	Various	IL-3S	Yes	B-83

Note — SS denotes 304 Stainless Steel.