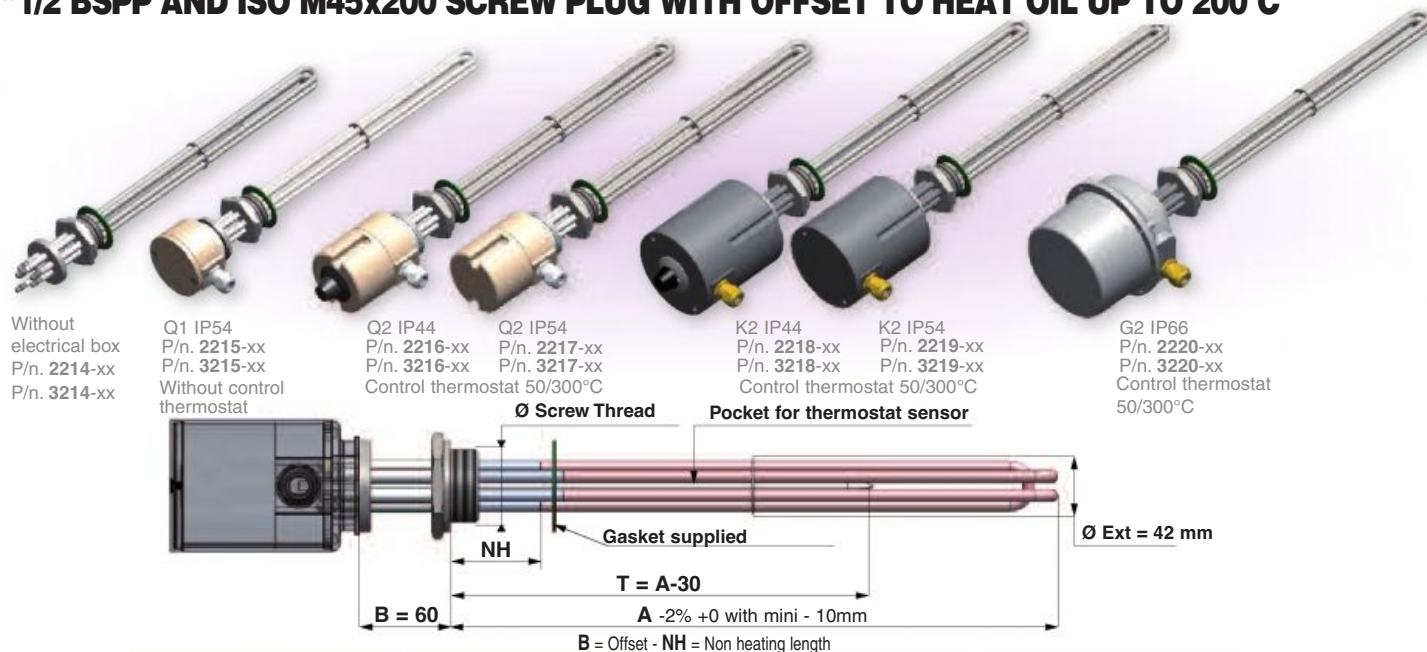


1"1/2 BSPP AND ISO M45x200 SCREW PLUG WITH OFFSET TO HEAT OIL UP TO 200°C



Junction box (See on pages 42-43)	Type	Without	Q1	Q2	Q2	K2	K2	G2
	IP	Without	54	44	54	44	54	66
	Thermostat setting	Without	Without	External	Internal	External	Internal	Internal
	Material	Without	Polyamide					Alu.
	Cable gland	Without	P ≤ 3kW 1 CG ISO20 P > 3kW 1CG ISO20 + 1 CG ISO25					
	Control thermostat	Without	50/300°C 1 Change over contact 16A / 230V					

STATIC OIL

3 Heating elements						Ø8 - Stainless steel 316L - Without treatment						
Screw plug						Carbon steel - Without treatment - Welded						
Ø Screw Thread	Power (kW) +5/-10%	Voltage (V)	Load (W/cm²)	A (mm)	NH (mm)	P/N.	P/N.	P/N.	P/N.	P/N.	P/N.	P/N.
1"1/2 BSPP	1	230-1P	2	370	40	2214-01	2215-01	2216-01	2217-01	2218-01	2219-01	2220-01
	1,5	230-1P	2	540	40	2214-02	2215-02	2216-02	2217-02	2218-02	2219-02	2220-02
	2	230-1P	2	700	40	2214-03	2215-03	2216-03	2217-03	2218-03	2219-03	2220-03
	3	230-1P	2	1040	40	2214-04	2215-04	2216-04	2217-04	2218-04	2219-04	2220-04
M45 X 200	1	230-1P	2	370	40	3214-01	3215-01	3216-01	3217-01	3218-01	3219-01	3220-01
	1,5	230-1P	2	540	40	3214-02	3215-02	3216-02	3217-02	3218-02	3219-02	3220-02
	2	230-1P	2	700	40	3214-03	3215-03	3216-03	3217-03	3218-03	3219-03	3220-03
	3	230-1P	2	1040	40	3214-04	3215-04	3216-04	3217-04	3218-04	3219-04	3220-04

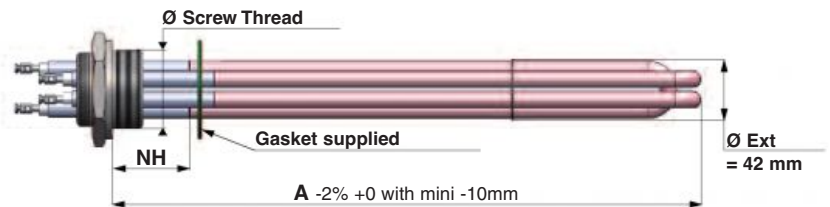
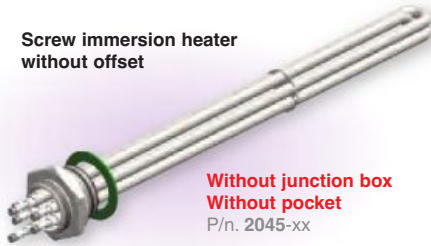
CIRCULATING OIL SPEED MINI = 2m/s

3 Heating elements						Ø8 - Stainless steel 316L - Without treatment						
Screw plug						Carbon steel - Without treatment - Welded						
Ø Screw Thread	Power (kW) +5/-10%	Voltage (V)	Load (W/cm²)	A (mm)	NH (mm)	P/N.	P/N.	P/N.	P/N.	P/N.	P/N.	P/N.
1"1/2 BSPP	2	230-1P	5	300	40	2214-06	2215-06	2216-06	2217-06	2218-06	2219-06	2220-06
	3	230-1P	5	480	40	2214-07	2215-07	2216-07	2217-07	2218-07	2219-07	2220-07
	4,5	400-3P	5	670	40	2214-08	2215-08	2216-08	2217-08	2218-08	2219-08	2220-08
	6	400-3P	5	960	40	2214-09	2215-09	2216-09	2217-09	2218-09	2219-09	2220-09
M45 X 200	2	230-1P	5	300	40	3214-06	3215-06	3216-06	3217-06	3218-06	3219-06	3220-06
	3	230-1P	5	480	40	3214-07	3215-07	3216-07	3217-07	3218-07	3219-07	3220-07
	4,5	400-3P	5	670	40	3214-08	3215-08	3216-08	3217-08	3218-08	3219-08	3220-08
	6	400-3P	5	960	40	3214-09	3215-09	3216-09	3217-09	3218-09	3219-09	3220-09

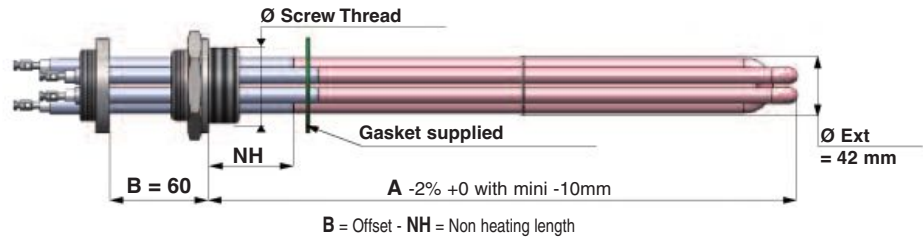
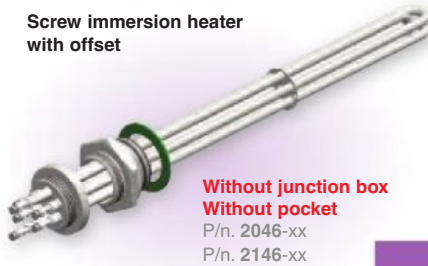
• See optional accessories on page 56

ISO M45X200 SCREW PLUG TO HEAT OIL FROM 110°C UP TO 200°C

Screw immersion heater
without offset



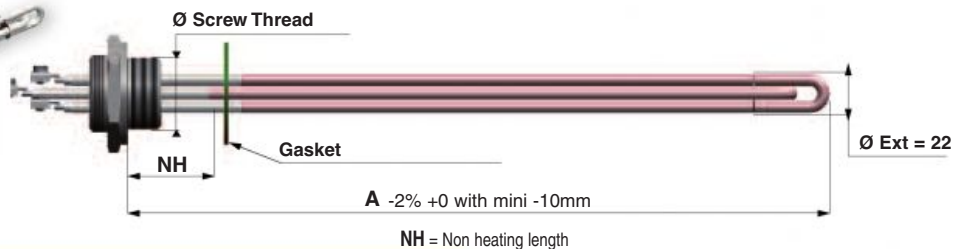
Screw immersion heater
with offset



3 Heating elements						Ø10,2 - Coated carbon steel
Screw plug						Coated carbon steel - Brazed
STATIC OIL UP TO 110°C (screw immersion heater without offset)						
Ø Screw thread	Power (kW) +5/-10%	Voltage (V)	Load (W/cm ²)	A (mm)	NH (mm)	P/N.
M45 x 200	1	230/400	2	315	30	2045-01
	1,5	230/400	2	450	30	2045-02
	2	230/400	2	590	30	2045-03
	3	230/400	2	860	30	2045-04
STATIC OIL UP TO 200°C (screw immersion heater with offset B = 60)						
Ø Screw thread	Power (kW) +5/-10%	Voltage (V)	Load (W/cm ²)	A (mm)	NH (mm)	P/N.
M45 x 200	1,5	230/400	2	450	30	2046-02
	2	230/400	2	590	30	2046-03
	1,5	230/400	2	460	70	2146-01
	3	230/400	2	865	85	2146-02
	4,5	230/400	2	1260	85	2146-03

• Junction box on option, see on pages 42-43 • See optional accessories on page 56

1"1/4 BSPP SCREW PLUG TO HEAT AQUEOUS LIQUIDS UP TO 95°C



2 Heating elements						Ø6,8 - Stainless steel 321 - Without treatment
Screw plug						Coated carbon steel - Brazed
Ø Thread screw	Power (kW) +5/-10%	Voltage (V)	Load (W/cm ²)	A (mm)	NH (mm)	P/N.
1"1/4 BSPP	0,75	230-1P	5	205	30	2041-01
	1	230-1P	5	250	30	2041-02
	1,5	230-1P	5	400	30	2041-03
	2	230-1P	5	500	30	2041-04
	3	230-1P	5	750	30	2041-05

• Junction box option, see P/N 9621-02 and P/N 9621-10 pages 43 • See optional accessories on page 56