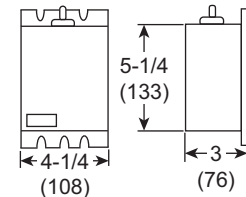
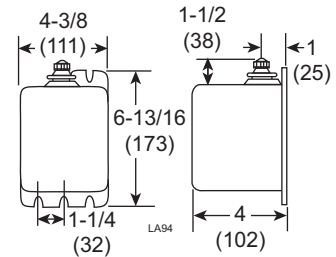


Eclipse Flame Safety & Ignition Components

Ignition transformer with 20 mA secondary current. Single phase.

| Part No. | Primary Voltage and Frequency | Secondary Voltage |
|----------|-------------------------------|-------------------|
| 12178 | 120 VAC / 60 Hz | 6000 VAC |
| 15171 | 240 VAC / 60 Hz | 6000 VAC |
| 20683 | 120 VAC / 50 Hz | 6000 VAC |
| 20684 | 220 VAC / 50 Hz | 6000 VAC |
| 20923 | 110 VAC / 50 Hz | 5000 VAC |

NOTE: For more ignition transformers see Data 841.



Part number 13551. Honeywell Q-624A-1014 solid state half wave spark generator. Primary: 120 VAC, 66VA secondary; 10,000 VAC.

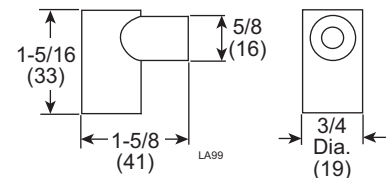
Part number 32756-50FT and 32756-100FT. High temperature ignition wire for maximum of 480°F (250°C).



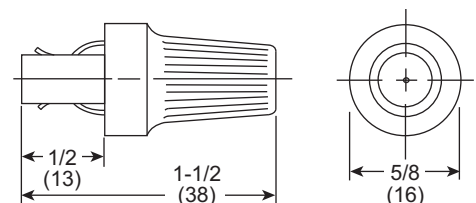
Part number 35443-50Ft and 35443-100Ft. GTO-15 ignition cable for maximum ambient temperature of 220°F (105°C).



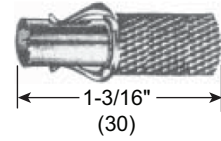
Part number 13564-4PC. Rajah 90° fitting with plastic insulator, connects to ignition cable. Snaps onto igniter or flamerod.



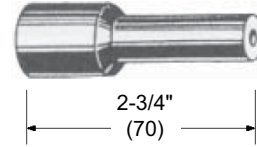
Part number 15996. Terminal, Rajah, straight fitting with half insulation over portion that connects to ignition cable. Snaps onto igniter or flamerod.



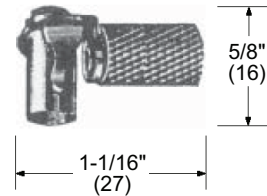
Part number 14202. Terminal, Rajah, straight, maximum 225°F (107°C), use with 14202-1 boot.



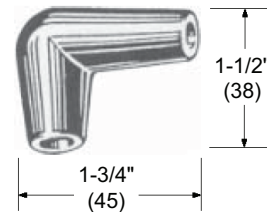
Part number 14202-1. Terminal Boot, straight, rubber, for use with 14202 terminal.



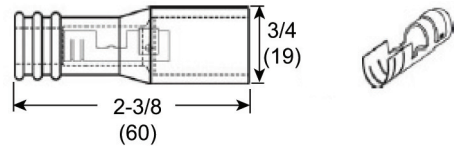
Part number 14204. Terminal, Rajah, right-angle, maximum 225°F (107°C), use with 14204-1 boot.



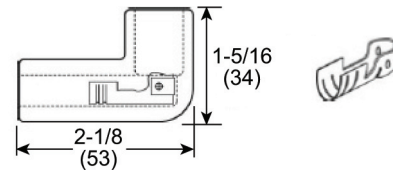
Part number 14204-1. Terminal Boot, right-angle, rubber, used with 14204 terminal.



Part number 10008547. Terminal, straight, ceramic, maximum 432°F (220°C).

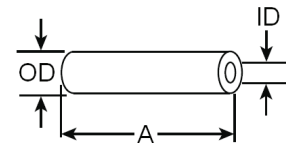


Part number 10008548. Terminal, right-angle, ceramic, maximum 432°F (220°C).



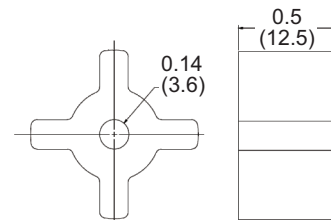
Insulator, ceramic to support electrode rods

| Length A | | ID | | OD | | Part No. |
|----------|----|--------|-----|--------|----|----------|
| Inches | mm | Inches | mm | Inches | mm | |
| 3" | 76 | 0.130" | 3.3 | 9/16" | 14 | 12130 |
| 3" | 76 | 0.140" | 3.6 | 7/16" | 11 | 20255 |

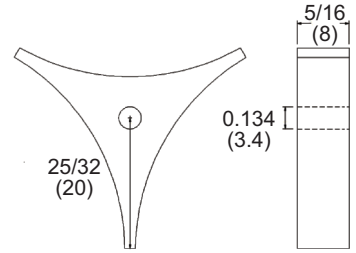


Insulator, ceramic, 1/2" long used to support 1/8" diameter rod inside pipe.

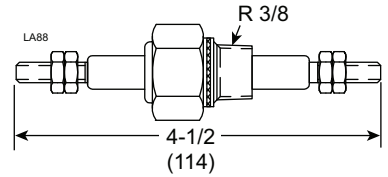
| Pipe Size | Part No. |
|-----------------|----------|
| 1/2 inch Sch 80 | 14462-1 |
| 3/4 inch Sch 40 | 14463 |
| 3/4 inch Sch 80 | 14463-1 |
| 1 inch Sch 80 | 14464-1 |



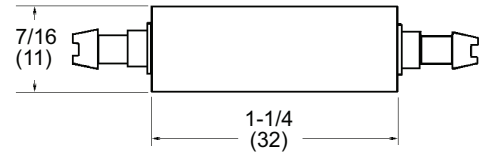
Part number 20403. Insulator, ceramic, used to support 1/8" diameter rod inside pipe diameter minimum of 1.625".



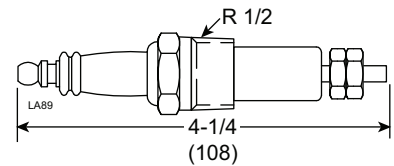
Part number 14320. 3/8" Feed-thru insulator; 4-1/2" lg.



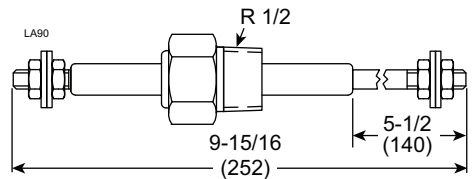
Part number 16219. Flame lead insulator with ignition studs.



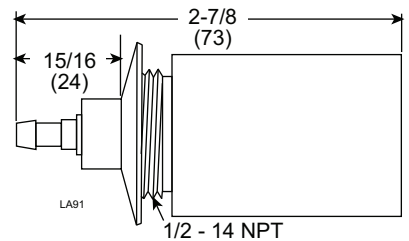
Part number 14319. 1/2" Feed-thru insulator; 4-1/4" lg.



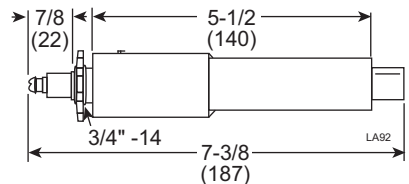
Part number 15908. 1/2" Feed-thru insulator; 9-15/16" lg. for 6-5/8" thick wall insulation.



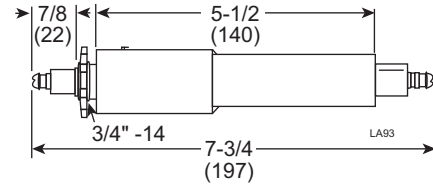
Part number 109031. Flame lead insulator; 1/2" conduit knock-out with ignition stud both ends.



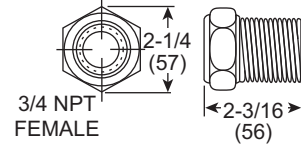
Part number 109345. Feed thru insulator 3/4-14 pipe thds.; 7-3/8" lg. for 5" thick insulation; ignition studs both ends.



Part number 109344. Feed thru insulator 3/4-14 pipe thds.; 7-3/4" lg. for 5" thick insulation; ignition studs both ends.

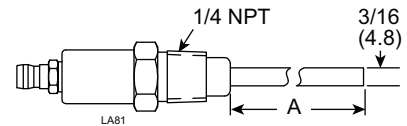


Part number 103401. Swivel adapter to position a flamerod in the flame.



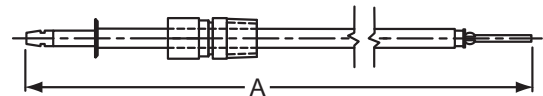
1/4" flamerod

| Length A | | Part No. |
|----------|-----|----------|
| Inches | mm | |
| 1-5/8" | 41 | 13093-5 |
| 1-13/16" | 46 | 13093-4 |
| 3" | 76 | 13093-3 |
| 3-3/4" | 95 | 13093-6 |
| 5-3/4" | 146 | 13093 |
| 11-3/4" | 298 | 13093-1 |
| 17-3/4" | 451 | 13093-2 |



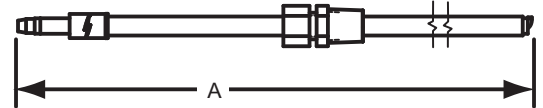
1/4" adjustable flamerod

| Length A | | Part No. |
|----------|------|-----------|
| Inches | mm | |
| 10-1/4" | 260 | 100602-1 |
| 16-1/4" | 413 | 100602-2 |
| 19-1/4" | 489 | 100602-3 |
| 22-1/4" | 565 | 100602-4 |
| 25-1/4" | 641 | 100602-5 |
| 28-1/4" | 717 | 100602-6 |
| 31-1/4" | 794 | 100602-7 |
| 34-1/4" | 870 | 100602-8 |
| 12.4" | 315 | 100602-9 |
| 21-1/4" | 540 | 100602-10 |
| 17-1/4" | 438 | 100602-11 |
| 29-1/4" | 743 | 100602-12 |
| 50-3/4" | 1289 | 100602-13 |
| 45.91" | 1166 | 100602-14 |
| 59" | 1499 | 100602-15 |
| 24" | 610 | 100621 |
| 43-1/2" | 1105 | 100629 |



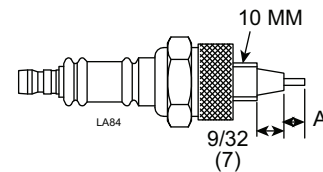
1/4" adjustable self grounding igniters

| Length A | | Part No. |
|----------|------|-----------|
| Inches | mm | |
| 5.9" | 152 | 150000-44 |
| 7.0" | 178 | 150000-41 |
| 8.8" | 226 | 150000-26 |
| 11.1" | 282 | 150000-28 |
| 11.8" | 302 | 150000-31 |
| 12.9" | 328 | 150000-32 |
| 13.8" | 353 | 150000-33 |
| 14.8" | 378 | 150000-27 |
| 15.9" | 404 | 150000-29 |
| 16.8" | 429 | 150000-36 |
| 17.9" | 455 | 150000-1 |
| 18.8" | 480 | 150000-2 |
| 19.8" | 505 | 150000-3 |
| 20.9" | 531 | 150000-4 |
| 21.8" | 556 | 150000-5 |
| 22.9" | 582 | 150000-6 |
| 23.1" | 588 | 150000-45 |
| 23.8" | 607 | 150000-7 |
| 24.8" | 632 | 150000-8 |
| 25.9" | 658 | 150000-9 |
| 26.8" | 683 | 150000-10 |
| 27.9" | 709 | 150000-11 |
| 28.8" | 734 | 150000-12 |
| 29.8" | 759 | 150000-13 |
| 30.9" | 785 | 150000-14 |
| 31.8" | 810 | 150000-15 |
| 32.9" | 836 | 150000-16 |
| 33.8" | 861 | 150000-17 |
| 34.8" | 886 | 150000-18 |
| 35.9" | 912 | 150000-19 |
| 36.8" | 937 | 150000-20 |
| 37.9" | 963 | 150000-21 |
| 38.8" | 988 | 150000-22 |
| 39.8" | 1013 | 150000-23 |
| 40.9" | 1039 | 150000-24 |
| 41.8" | 1064 | 150000-25 |
| 43.8" | 1115 | 150000-38 |
| 45.9" | 1166 | 150000-39 |
| 47.3" | 1203 | 150000-46 |
| 49.8" | 1267 | 150000-37 |
| 53.3" | 1354 | 150000-42 |
| 54.8" | 1394 | 150000-47 |
| 65.9" | 1674 | 150000-40 |
| 77.9" | 1981 | 150000-43 |

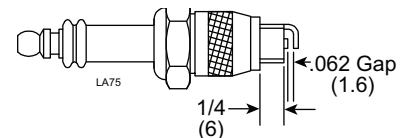


10mm igniter or flamerod.

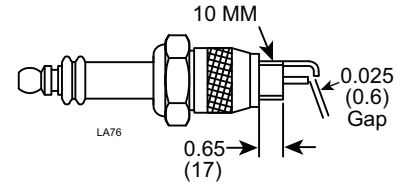
| Length A | | Part No. |
|----------|----|----------|
| Inches | mm | |
| 1/2" | 12 | 18461 |
| 2-1/2" | 63 | 18460 |



Part number 16160. 10mm self grounding igniter.

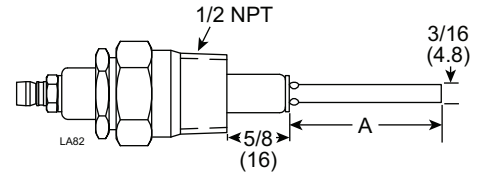


Part number 18458. 10mm self grounding igniter.



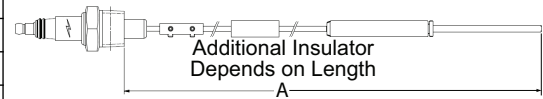
1/2" flamerod

| Length A | | Part No. |
|----------|-----|------------|
| Inches | mm | |
| 1-7/8" | 48 | 13312-3 |
| 2-3/8" | 60 | 13312-4 |
| 2-1/2" | 64 | 13312-7 |
| 3" | 76 | 13312-5 |
| 5" | 127 | 13312-8 |
| 6" | 152 | 13312 |
| 8.82" | 224 | 10002219-3 |
| 9-3/4" | 248 | 13312-10 |
| 9.98" | 253 | 10002219-1 |
| 12" | 304 | 13312-1 |
| 12" | 305 | 10002219 |
| 24" | 610 | 13312-2 |



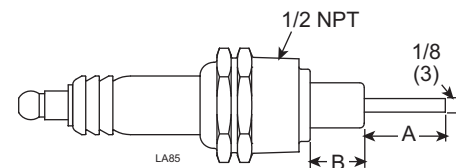
1/2" flamerod

| Length A | | Part No. |
|----------|------|-----------|
| Inches | mm | |
| 18.8" | 478 | 100355-1 |
| 22.8" | 580 | 100355-2 |
| 26.8" | 682 | 100355-3 |
| 30.8" | 784 | 100355-4 |
| 34.8" | 886 | 100355-5 |
| 38.8" | 988 | 100355-6 |
| 42.9" | 1090 | 100355-7 |
| 46.9" | 1192 | 100355-8 |
| 50.9" | 1294 | 100355-9 |
| 54.9" | 1396 | 100355-10 |



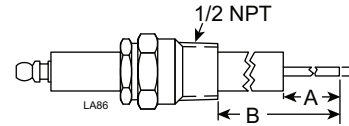
1/2" igniter or flamerod.

| Length A | | Length B | | Part No. |
|----------|-----|----------|----|----------|
| Inches | mm | Inches | mm | |
| 1/2" | 12 | 1/2" | 12 | 16946-6 |
| 3/4" | 19 | 1/2" | 12 | 16946-5 |
| 1-3/8" | 34 | 1/2" | 12 | 16946-3 |
| 1-13/16" | 46 | 1/2" | 12 | 16946-7 |
| 2" | 50 | 1/2" | 12 | 16946-9 |
| 2-1/2" | 63 | 1/2" | 12 | 16946-4 |
| 4-7/16" | 112 | 1/2" | 12 | 16946-2 |
| 5" | 127 | 1/2" | 12 | 16946-1 |
| 12" | 304 | 1" | 25 | 10002242 |
| 24" | 609 | 1" | 25 | 12978 |
| 38" | 965 | 1" | 25 | 12978-1 |



1/2" adjustable igniter or flamerod.

| Length A | | Length B | | Part No. |
|----------|----|--------------------|-----------|----------|
| Inches | mm | Inches | mm | |
| 1" | 25 | 5/8" to 4-1/4" | 16 to 108 | 18193-1 |
| 2" | 51 | 3-3/16" to 5-7/16" | 81 to 138 | 20212 |
| 3" | 76 | 2-5/8" to 6-1/4" | 67 to 159 | 18193 |

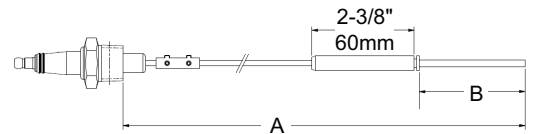


1/2" adjustable igniter or flamerod.

| Length A | | L1 | | L2 | | Part No. |
|----------|-----|--------|-----|--------|-----|----------|
| Inches | mm | Inches | mm | Inches | mm | |
| 11.4" | 289 | 9.03" | 229 | 8.06" | 204 | 13837 |
| 19.12" | 485 | 16.74" | 425 | 15.79" | 401 | 13581 |

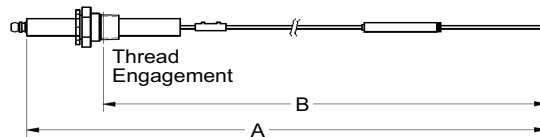
1/2" igniter or flamerod.

| Length A | | Length B | | Part No. |
|-----------|------|----------|-----|-----------|
| Inches | mm | Inches | mm | |
| 13-3/4" | 349 | 4-3/4" | 120 | 100050-1 |
| 15-7/8" | 403 | 4-3/4" | 120 | 100050-7 |
| 16-3/4" | 425 | 4-3/4" | 120 | 100050-2 |
| 18-15/16" | 481 | 4-3/4" | 120 | 100050-9 |
| 19-3/4" | 501 | 4-3/4" | 120 | 100050-3 |
| 21-1/16" | 535 | 4-3/4" | 120 | 100050-5 |
| 21-3/4" | 552 | 4-3/4" | 120 | 100050-13 |
| 21-15/16" | 558 | 4-3/4" | 120 | 100050-6 |
| 22-11/16" | 577 | 4-3/4" | 120 | 100050-11 |
| 24-1/16" | 611 | 4-3/4" | 120 | 100050-4 |
| 24-1/2" | 622 | 4-3/4" | 120 | 100050-14 |
| 24-11/16" | 627 | 1" | 25 | 100670-7 |
| 24-15/16" | 634 | 4-3/4" | 120 | 100050-12 |
| 25-3/16" | 639 | 1" | 25 | 100670-13 |
| 26" | 660 | 4-3/4" | 120 | 100050-10 |
| 26-11/16" | 678 | 1" | 25 | 100670-9 |
| 26-3/4" | 680 | 4-3/4" | 120 | 100050-8 |
| 27-7/16" | 697 | 1" | 25 | 100670-2 |
| 27-5/16" | 702 | 4-3/4" | 120 | 100050-15 |
| 27-15/16" | 710 | 1" | 25 | 100670-3 |
| 30-9/16" | 777 | 1" | 25 | 100670-8 |
| 31-3/8" | 797 | 1" | 25 | 100670-12 |
| 32-5/8" | 828 | 1" | 25 | 100670-10 |
| 32-15/16" | 837 | 1" | 25 | 100670-14 |
| 33-3/8" | 847 | 1" | 25 | 100670-1 |
| 33-7/8" | 860 | 1" | 25 | 100670-4 |
| 38-1/2" | 978 | 1" | 25 | 100670-11 |
| 39-1/4" | 997 | 1" | 25 | 100670-5 |
| 39-3/4" | 1010 | 1" | 25 | 100670-6 |

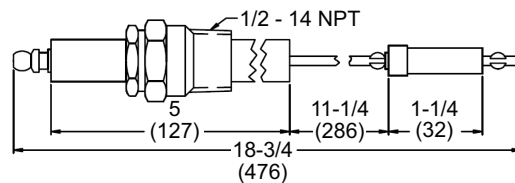


1/2" adjustable flamerod.

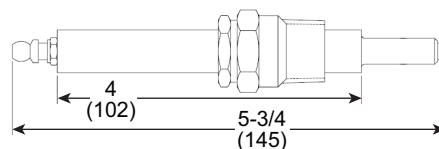
| Length A | | Length B | | Part No. |
|----------|-----|----------|-----|-------------|
| Inches | mm | Inches | mm | |
| 17 | 432 | 14 | 356 | 10014915-30 |
| 18 | 458 | 15 | 382 | 10014915-31 |
| 19 | 483 | 16 | 407 | 10014915-32 |
| 20 | 509 | 17 | 433 | 10014915-33 |
| 21 | 534 | 18 | 458 | 10014915-34 |
| 22 | 559 | 19 | 483 | 10014915-35 |
| 23 | 585 | 20 | 509 | 10014915-36 |
| 24 | 610 | 21 | 534 | 10014915-1 |
| 25 | 636 | 22 | 560 | 10014915-2 |
| 26 | 661 | 23 | 585 | 10014915-3 |
| 27 | 686 | 24 | 610 | 10014915-4 |
| 28 | 712 | 25 | 636 | 10014915-5 |
| 29 | 737 | 26 | 661 | 10014915-6 |
| 30 | 763 | 27 | 686 | 10014915-7 |
| 31 | 788 | 28 | 712 | 10014915-8 |
| 32 | 813 | 29 | 737 | 10014915-9 |
| 33 | 839 | 30 | 763 | 10014915-10 |
| 34 | 864 | 31 | 788 | 10014915-11 |
| 35 | 890 | 32 | 813 | 10014915-12 |
| 36 | 915 | 33 | 839 | 10014915-13 |
| 37 | 940 | 34 | 864 | 10014915-14 |
| 38 | 966 | 35 | 890 | 10014915-15 |



Part number 11941. 1/2" Adjustable igniter or flamerod.

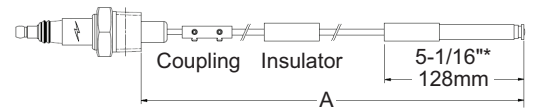


Part number 10034074. 1/2" adjustable igniter.



1/2" self grounding igniters.

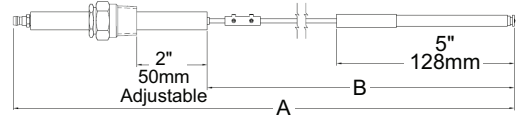
| Length A | | Coupling | Insulator | Part No. |
|-----------|------|----------|-----------|-----------|
| Inches | mm | | | |
| 11-15/16" | 287 | Yes | No | 100173-1* |
| 14-3/16" | 361 | Yes | No | 100205-1 |
| 16-5/16" | 415 | Yes | No | 100205-2 |
| 17" | 432 | Yes | No | 100205-20 |
| 17-1/16" | 434 | Yes | No | 100354-1 |
| 18-1/8" | 461 | No | No | 10050564 |
| 18-11/16" | 474 | Yes | No | 100205-18 |
| 19-5/16" | 491 | Yes | No | 100205-3 |
| 19-3/4" | 502 | Yes | No | 100205-21 |
| 20-3/4" | 527 | No | No | 10050565 |
| 21-1/16" | 536 | Yes | No | 100354-2 |
| 22-1/4" | 565 | Yes | No | 100205-12 |
| 22-15/16" | 582 | Yes | No | 100205-22 |
| 23-15/16" | 608 | Yes | No | 100205-16 |
| 25-1/8" | 638 | Yes | No | 100354-3 |
| 26-1/8" | 664 | No | No | 10051949 |
| 26-3/4" | 680 | Yes | No | 100205-7 |
| 27-1/4" | 693 | Yes | No | 100205-8 |
| 28-5/16" | 720 | Yes | No | 100205-4 |
| 28-15/16" | 735 | Yes | No | 100205-10 |
| 29-1/8" | 740 | Yes | Yes | 100354-4 |
| 29-13/16" | 758 | Yes | No | 100205-17 |
| 30-1/8" | 766 | Yes | No | 100205-19 |
| 31-7/8" | 809 | Yes | No | 100205-23 |
| 32-1/4" | 819 | Yes | No | 100205-13 |
| 32-11/16" | 830 | Yes | No | 100205-6 |
| 32-1/8" | 842 | Yes | Yes | 100354-5 |
| 33-3/16" | 843 | Yes | No | 100205-9 |
| 33-5/16" | 847 | Yes | No | 100205-5 |
| 33-15/16" | 862 | Yes | No | 100205-11 |
| 37-1/8" | 944 | Yes | Yes | 100354-6 |
| 38-9/16" | 980 | Yes | No | 100205-14 |
| 39-1/16" | 993 | Yes | No | 100205-15 |
| 41-3/16" | 1046 | Yes | Yes | 100354-7 |
| 45-3/16" | 1148 | Yes | Yes | 100354-8 |
| 49-3/16" | 1250 | Yes | Yes | 100354-9 |
| 53-3/16" | 1352 | Yes | Yes | 100354-10 |



*Except 100173-1, dimension is 2-13/16" (71mm)

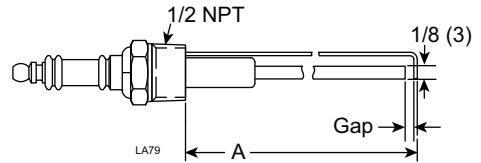
1/2" adjustable self grounding igniter.

| Length A | | Length B | | Part No. |
|----------|-----|----------|-----|-----------|
| Inches | mm | Inches | mm | |
| 19-1/2" | 495 | 14" | 356 | 100640-1 |
| 20-1/2" | 521 | 15" | 381 | 100640-2 |
| 21-1/2" | 546 | 16" | 406 | 100640-3 |
| 22-1/2" | 572 | 17" | 432 | 100640-4 |
| 23-1/2" | 597 | 18" | 457 | 100640-5 |
| 24-1/2" | 622 | 19" | 483 | 100640-6 |
| 25-1/2" | 648 | 20" | 508 | 100640-7 |
| 26-1/2" | 673 | 21" | 533 | 100640-8 |
| 27-1/2" | 699 | 22" | 559 | 100640-9 |
| 28-1/2" | 724 | 23" | 584 | 100640-10 |
| 29-1/2" | 749 | 24" | 610 | 100640-11 |
| 30-1/2" | 775 | 25" | 635 | 100640-12 |
| 31-1/2" | 800 | 26" | 660 | 100640-13 |
| 32-1/2" | 826 | 27" | 686 | 100640-14 |
| 33-1/2" | 851 | 28" | 711 | 100640-15 |
| 9-3/4" | 248 | 4-1/4" | 108 | 100640-16 |
| 38-1/2" | 978 | 33" | 838 | 100640-17 |
| 35-1/2" | 902 | 30" | 762 | 100640-18 |
| 12-1/2" | 318 | 7" | 178 | 100640-30 |
| 13-1/2" | 343 | 8" | 203 | 100640-31 |
| 14-1/2" | 368 | 9" | 229 | 100640-32 |
| 15-1/2" | 394 | 10" | 254 | 100640-33 |
| 16-1/2" | 419 | 11" | 279 | 100640-34 |
| 17-1/2" | 445 | 12" | 305 | 100640-35 |
| 18-1/2" | 470 | 13" | 330 | 100640-36 |



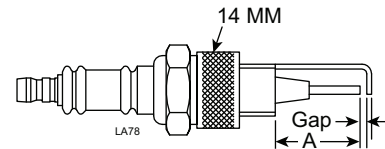
1/2" self grounding igniters.

| Length A | | Gap | Part No. |
|----------|-----|-------|----------|
| Inches | mm | | |
| 1.72 | 43 | 0.090 | 10089 |
| 2.21 | 56 | 0.125 | 11576 |
| 4-1/8" | 104 | 0.125 | 12568 |
| 4.550" | 115 | 0.125 | 17396 |
| 5-1/8" | 130 | 0.063 | 17652 |



14mm self grounding igniters.

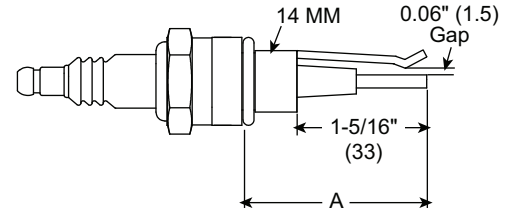
| Length A | | Gap | | Part No. |
|----------|----|--------|-----|----------|
| Inches | mm | Inches | mm | |
| 1" | 25 | .07" | 1.7 | 17071 |
| 1-1/2" | 38 | .10" | 2.5 | 16927 |
| 1-3/4" | 45 | .10" | 2.5 | 10002322 |



14mm self grounding igniter.

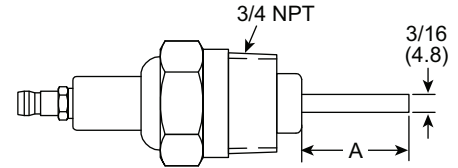
| Length A | | Gap | | Part No. |
|----------|------|--------|-----|----------|
| Inches | mm | Inches | mm | |
| 1-5/16" | 29.5 | 0.06" | 1.5 | 13047 |
| 1-5/16" | 29.5 | 0.06" | 1.5 | 13047-2* |
| 1-5/8" | 41.5 | 0.06" | 1.5 | 13047-1 |
| 2-3/4" | 70 | 0.06" | 1.5 | 10019728 |
| 4" | 101 | 0.06" | 1.5 | 23045 |
| 4.33" | 110 | 0.06" | 1.5 | 10014597 |

* Terminal is not removable



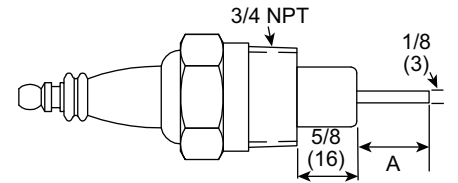
3/4" flamerod.

| Length A | | Part No. |
|----------|-----|----------|
| Inches | mm | |
| 6" | 152 | 14265-1 |
| 12" | 304 | 14265-2 |
| 18" | 457 | 14265-3 |



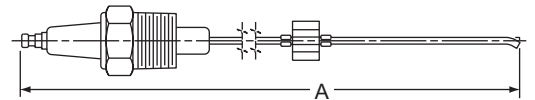
3/4" igniter or flamerod.

| Length A | | Part No. |
|----------|------|----------|
| Inches | mm | |
| 2-3/8" | 60 | 12392-4 |
| 6" | 152 | 12392 |
| 12" | 304 | 12392-3 |
| 26" | 660 | 12392-1 |
| 54" | 1371 | 12392-2 |



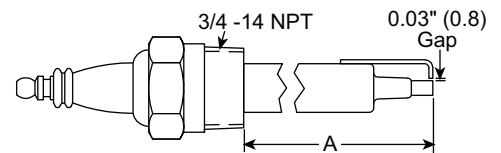
3/4" Igniter.

| Length A | | Part No. |
|----------|-----|----------|
| Inches | mm | |
| 24.33" | 618 | 100216-1 |
| 28-1/8" | 714 | 100224-1 |



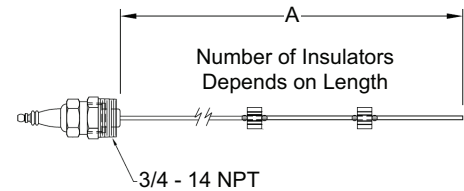
3/4" self grounding igniters with stainless steel sleeve.

| Length A | | Part No. |
|----------|-----|----------|
| Inches | mm | |
| 4-1/4" | 107 | 13499 |
| 6" | 152 | 13499-1 |
| 9" | 228 | 13499-2 |



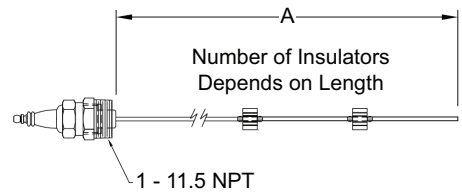
3/4" Igniter.

| Length A | | Part No. |
|----------|-----|----------|
| Inches | mm | |
| 12-1/2" | 318 | 103162-1 |
| 18-1/2" | 470 | 103162-2 |
| 24.48" | 622 | 103162-3 |



1" Igniter.

| Length A | | Part No. |
|----------|------|-----------|
| Inches | mm | |
| 13.3" | 340 | 103162-4 |
| 19.3" | 492 | 103162-5 |
| 25.4" | 645 | 103162-6 |
| 37.4" | 950 | 103162-7 |
| 15.9" | 406 | 103162-8 |
| 41.4" | 1054 | 103162-9 |
| 49.4" | 1257 | 103162-10 |
| 61.4" | 1562 | 103162-11 |



1-1/4" Igniter.

| Length A | | Length B | | Part No. |
|-----------|------|----------|-----|----------|
| Inches | mm | Inches | mm | |
| 40-15/16" | 1040 | 5-1/8" | 130 | 900287 |
| 42-11/16" | 1085 | 5-7/8" | 150 | 900288 |
| 47-13/16" | 1215 | 5-7/8" | 150 | 900289 |

