



PAYNE / O. THOMPSON

QUICK LOCATOR GUIDE

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Car Signal Components



PB-1 with back view



PB-2-1



PB-2C



PB-2A-DOOR OPEN



PKS-1



PKS-2



PKS-3



PKS-6



PKS-8



PKS-8-1A

| S.E.E.S. # | O.E.M.# | Description |
|------------|----------|--|
| PB-1 | M-2415E | Stop Switch , emergency stop switch marked "ON/OFF" |
| PB-1A | M-2415EA | Stop Switch and alarm 1N.O.,1N.C. |
| PB-2- | M-2366 | Pushbutton assembly , specify button marking, i.e. PB-2-1 |
| PB-2A- | | Button , specify marking, i.e. PB-2A-DOOR OPEN |
| PB-2C | | Cap , clear for button PB-2A series |
| PKS-1 | M3137-C | Key Switch , Fire Service, car, 6330 key |
| PKS-1A | 6330 | Key , 6330, barrel type for PKS-1 & 2 |
| PKS-2 | M3035-H | Key Switch , Fire Service, hall, 6330 key |
| PKS-3 | | Key Switch , Independent service, 6304 key |
| PKS-3A | 6304 | Key , 6304, barrel type for PKS-3 |
| PKS-4 | 4079-70 | Key Switch , Off, On, spring loaded, 6304 key |
| PKS-6 | | Key Switch , Off, On, key removable in both positions, 6304 key |
| PKS-8 | | Key Switch Assy , Inspection Off-On, 6305 key |
| PKS-8A | 6305 | Key , 6305 key used for inspection |
| PKS-8-1A | 4079DC | Key Switch , 2 Position, 2 Key Pull "OFF-ON", 6305 key |
| PKS-9A | 6315 | Key Payne Fire Service 6315 |

Coils



PC-8



PC-9



PC-1



PC-3



PC-2



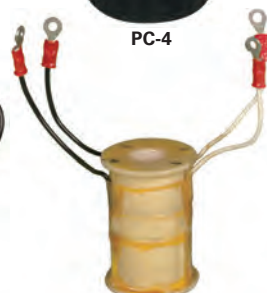
PC-4



PC-19



PC-18



PC-20

| S.E.E.S. # | O.E.M.# | Description |
|------------|---------|------------------------------------|
| PC-8 | KD-208 | 220VAC, 1200 ohms |
| PC-9 | KD-119 | 220VDC, 1200 ohms |
| PC-1 | N-133 | 220VDC, 120 ohms |
| PC-6 | N-146 | 220VDC, 200 ohms |
| PC-7 | N-148 | 208VDC, 90 ohms |
| PC-15 | N-375 | 110VDC, 875 ohms |
| PC-16 | N-381 | 220VDC, 400 ohms |
| PC-17 | N-559 | 550VAC, 2000 ohms |
| PC-18 | N-571 | 220 VDC, 5000 ohms |
| PC-3 | C-583 | 220VAC 1200 ohms |
| PC-2 | L-573 | 70VDC, 100 ohms |
| PC-19 | MA-125 | 208VAC, 1500 ohms |
| PC-20 | C115 | Dual 20 ohms 1 & 2 / 27 ohms 3 & 4 |
| PC-21 | MA-11 | 220VAC, 2.0 Ohm "M" Machine Brake |
| PC-10 | C-478 | 600 ohms* |
| PC-11 | C-499 | 8 ohms* |
| PC-12 | C-519 | 3 ohms* |
| PC-13 | C-53 | 50 ohms* |
| PC-14 | C-550 | 2000 ohms* |
| PC-4 | V-225 | 110VDC, 800 ohms |
| PC-5 | V-224 | 175VDC, 1000 ohms |

*Voltage varies.

Coils

| S.E.E.S. # | O.E.M.# | Coil Description | |
|------------|---------------|------------------|--------|
| OTC-1 | 108, 250003 | 80 ohm | 40VDC |
| OTC-2 | 111, 250004 | 150 ohm | 60VDC |
| OTC-3 | 112, 250005 | 1800 ohm | 70VDC |
| OTC-4 | 114 | 2700 ohm | 65VDC |
| OTC-5 | N-136, 250009 | 900 ohm | 110VDC |
| OTC-6 | 142, 250011 | 2540 ohm | 230VDC |
| OTC-7 | N-143, 250012 | 3670 ohm | 230VDC |
| OTC-8 | 146, 250013 | 5670 ohm | 230VDC |
| OTC-9 | 241, 250023 | 2100 ohm | 230VDC |
| OTC-11 | #239 | 850 ohm | 160VDC |
| OTC-12 | #211 | 24 ohm | 220VAC |
| OTC-13 | #550 | 4100 ohm | 550VAC |

■ OTC-1 thru OTC-8
2" OD x 1-3/16" H x 7/8" ID, 2-3/8" C/C mounting holes

■ OTC-9
2-1/4" OD x 2-3/8" H x 1-3/32" ID, 2-3/4" C/C mounting holes



OTC-1 thru OTC-8



OTC-9



OTC-11



OTC-13

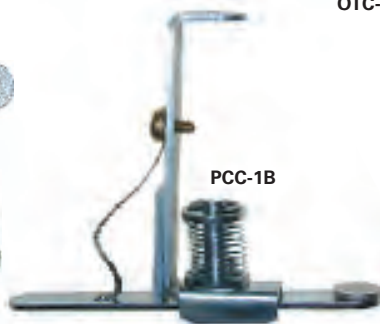
Contacts



PCC-1



PCC-1A



PCC-1B



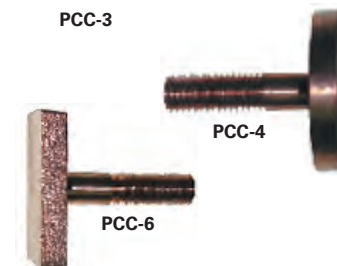
PCC-2

PCC-2B

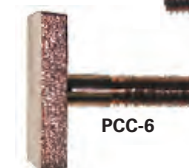
| S.E.E.S. # | O.E.M.# | Description |
|------------|---------|--|
| PCC-1 | M-1607 | Contact finger, 3-3/8" L x 3/8" W |
| PCC-1A | M1610 | Finger contact assembly with auxiliary contact |
| PCC-1B | M1656 | Contact assembly |
| PCC-1C | M1609 | Contact finger |
| PCC-1D | M1616 | Contact, stationary, 2-3/8" L for PCC-1B |
| PCC-2 | M1617 | Contact, 2-7/8" L, with 3/8" diameter contact face |
| PCC-2B | M1619 | Contact, 3-3/8" L, with 3/8" diameter contact face |
| PCC-3 | K-2839 | Carbon contact, 1-3/16" diameter x 3/4" L (makes with PCC-4) |
| PCC-3A | K-1415 | Carbon contact, 7/8" diameter x 3/4" L (makes with PCC-4A) |
| PCC-4 | K-2840 | Copper contact, head 1-1/4" dia. x 5/16". Stem 5/16" dia. x 1-3/8" L |
| PCC-4A | K-2587 | Copper contact, head 1" dia. x 1/4", stem 1/4" dia. x 1-3/8" L |
| PCC-6 | K-1786 | Copper contact, head 1-5/8" x 1-3/8", stem 3/8" diameter x 2" L (makes with PCC-7) |
| PCC-7 | K-1399 | Carbon contact, 1-1/4" x 1-1/2" |



PCC-3



PCC-4

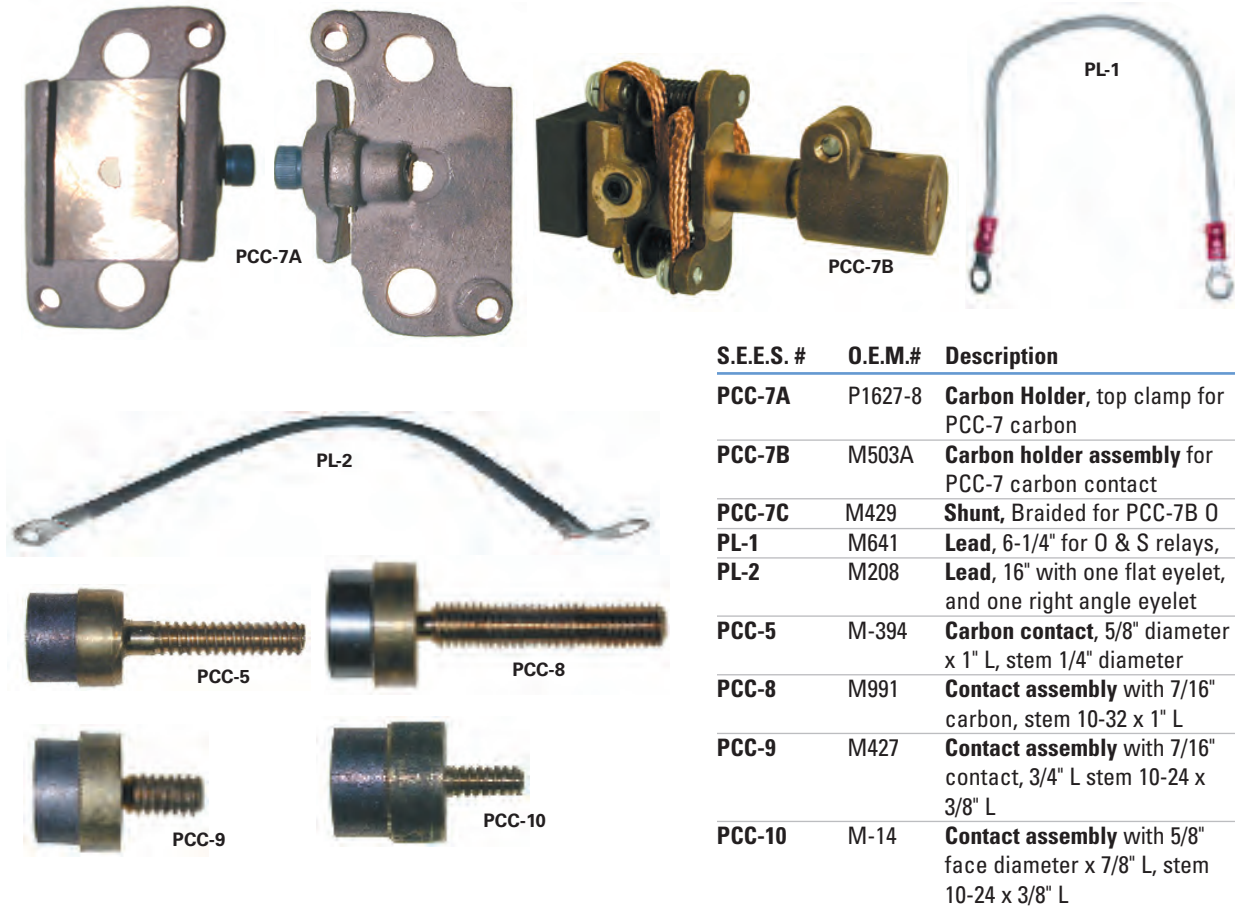


PCC-6



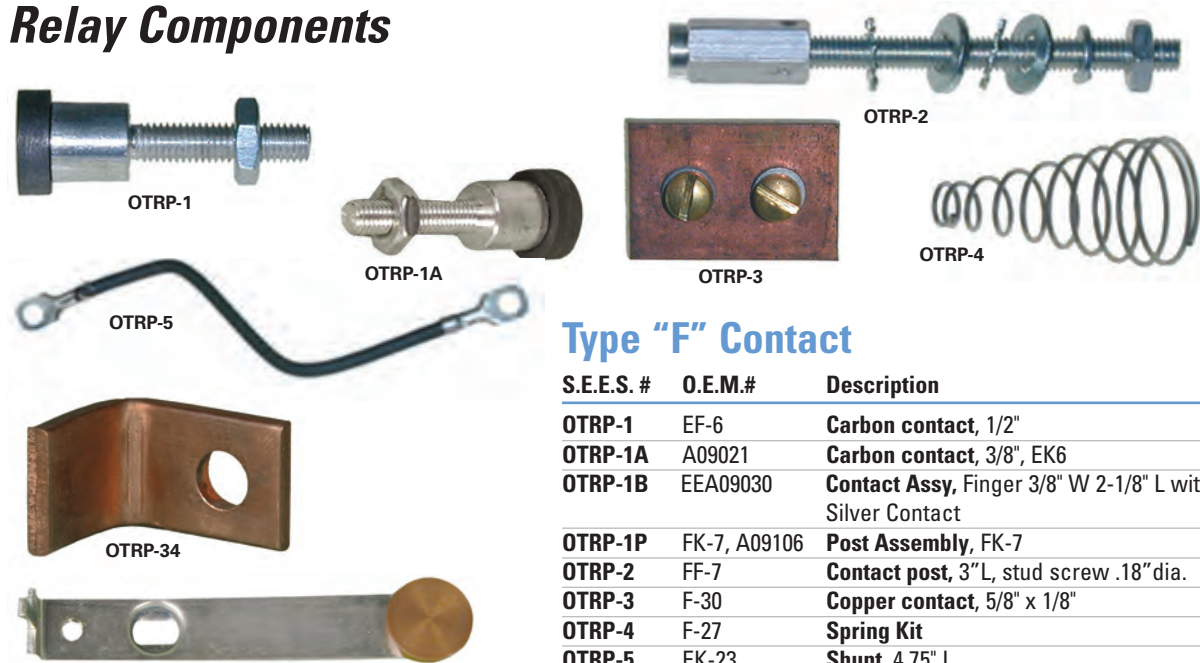
PCC-7

Contacts



| S.E.E.S. # | O.E.M.# | Description |
|------------|---------|---|
| PCC-7A | P1627-8 | Carbon Holder , top clamp for PCC-7 carbon |
| PCC-7B | M503A | Carbon holder assembly for PCC-7 carbon contact |
| PCC-7C | M429 | Shunt , Braided for PCC-7B O |
| PL-1 | M641 | Lead , 6-1/4" for O & S relays, |
| PL-2 | M208 | Lead , 16" with one flat eyelet, and one right angle eyelet |
| PCC-5 | M-394 | Carbon contact , 5/8" diameter x 1" L, stem 1/4" diameter |
| PCC-8 | M991 | Contact assembly with 7/16" carbon, stem 10-32 x 1" L |
| PCC-9 | M427 | Contact assembly with 7/16" contact, 3/4" L stem 10-24 x 3/8" L |
| PCC-10 | M-14 | Contact assembly with 5/8" face diameter x 7/8" L, stem 10-24 x 3/8" L |

Relay Components



Type "F" Contact

| S.E.E.S. # | O.E.M.# | Description |
|------------|--------------|---|
| OTRP-1 | EF-6 | Carbon contact , 1/2" |
| OTRP-1A | A09021 | Carbon contact , 3/8", EK6 |
| OTRP-1B | EEA09030 | Contact Assy , Finger 3/8" W 2-1/8" L with Silver Contact |
| OTRP-1P | FK-7, A09106 | Post Assembly , FK-7 |
| OTRP-2 | FF-7 | Contact post , 3"L, stud screw .18" dia. |
| OTRP-3 | F-30 | Copper contact , 5/8" x 1/8" |
| OTRP-4 | F-27 | Spring Kit |
| OTRP-5 | EK-23 | Shunt , 4.75" L |
| OTRP-32 | SK30F, F-30A | Copper Contact Finger , 1/2" W, 5/8" O.D. |
| OTRP-34 | SK37 | Copper Contact , stationary, 90° angle w/ 1/4" diameter hole |

Relay Components



OTRP-6



OTRP-7



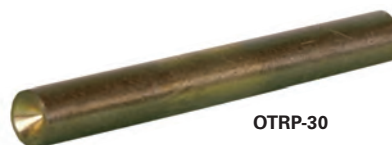
OTRP-8



OTRP-9

Type "G" Contact

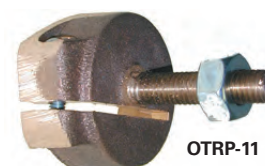
| S.E.E.S. # | O.E.M.# | Description |
|------------|------------|-----------------------------|
| OTRP-6 | G-32 | Carbon contact, 5/8" x 1/2" |
| OTRP-7 | F-33 | Carbon holder |
| OTRP-8 | G-30 | Copper contact, 3/4" x 1/8" |
| OTRP-9 | G-19 | Spring Kit |
| OTRP-30 | G6, 710106 | Hinge Pin, G-6 |



OTRP-30



OTRP-10



OTRP-11

Type "H" Contact

| S.E.E.S. # | O.E.M.# | Description |
|------------|---------|---|
| OTRP-10 | H-31 | Carbon contact, 1-1/2" dia. |
| OTRP-10A | A09021 | Contact, Copper 1-3/4" Dia. 3/8" Thick 3/8" Diameter Stem |
| OTRP-11 | H-32 | Carbon holder |
| OTRP-12 | K38-2 | Contact post, 3-1/2" L |
| OTRP-13 | K-30 | Contact spring |
| OTRP-14 | | Copper contact, 1-3/4" x 1/4" |
| OTRP-14A | HK-23 | Replacement shunt, for OTRP-18 |



OTRP-12



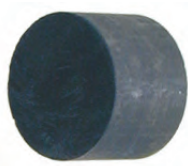
OTRP-13



OTRP-14



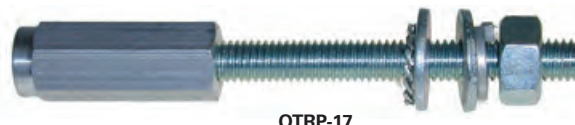
OTRP-14A



OTRP-15



OTRP-16



OTRP-17

Type "J" Contact

| S.E.E.S. # | O.E.M.# | Description |
|------------|------------|--|
| OTRP-15 | K-35 | Carbon contact, 1-1/8" |
| OTRP-15A | KM-33-2 | Contact, Copper 1-1/4" Diameter 3/8" Thick Used In KL-HM Relay |
| OTRP-16 | K-36 | Carbon holder |
| OTRP-17 | K-38-2 | Contact post, 4-3/4" L |
| OTRP-18 | A09058 | Contact blade & shunt |
| OTRP-19 | K-30 | Spring Kit |
| OTRP-20 | K-33 | Copper, 1-1/4" x 3/16" |
| OTRP-28 | | Copper, round, 1-3/4" x 3" |
| OTRP-31 | K8, 710114 | Hinge Pin, K-8 |



OTRP-18



OTRP-19



OTRP-20



OTRP-31



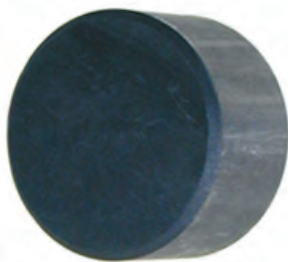
Relay Components



OTRP-21



OTRP-23



OTRP-24



OTRP-26

Type "L" Contact

| S.E.E.S. # | O.E.M.# | Description |
|------------|---------|------------------------------------|
| OTRP-21 | CK-35 | Carbon contact, 3/4" dia. |
| OTRP-23 | CK-33 | Copper contact, 1" x 3/16" |
| OTRP-33 | 278005 | Coupling, 5/16" x 3/8" for encoder |

Type "NC" Contact

| S.E.E.S. # | O.E.M.# | Description |
|------------|------------|-------------------------------|
| OTRP-24 | NC-31 | Carbon contact, 1-3/4" dia. |
| OTRP-26 | H-2-1/4-28 | Copper contact, 2-1/4" x 3/8" |

Seals and Belts



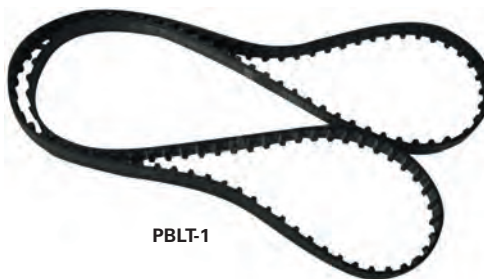
PPAC-1



PPAC-3



PPAC-4



PBLT-1

| S.E.E.S. # | Description |
|------------|---|
| PPAC-1 | Seal, pedestal, for #302 Machine, 3.375" x 4.375" |
| PPAC-2 | Seal, pedestal/sheave, for #402 Machine |
| PPAC-3 | Seal, worm shaft for #302 Machine |
| PPAC-4 | Seal, Worm Shaft Used On Payne 401 & 402 Machine |
| PBLT-1 | Belt, timing belt for selector, 26" x 3/8" |
| PBLT-2 | Belt, 23" x 3/8" |
| PBLT-3 | Belt, 16" x 3/8" |

Selector Parts



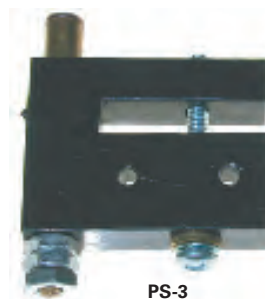
PS-1



PS-1A



PS-2



PS-3



PS-4



PDO-1



MIS-203



PRT-1N

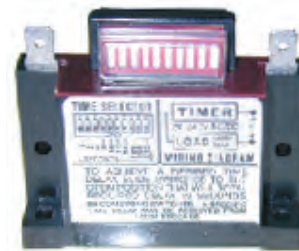


PRT-2

| S.E.E.S. # | O.E.M.# | Description |
|------------|---------|--|
| PS-1 | K-7981 | Selector tape guide, 5/8" W |
| PS-1A | | Selector tape guide, 1" W |
| PS-2 | M-1083 | Selector contact assembly |
| PS-3 | M-2924 | Selector contact, movable |
| PS-4 | M-2925 | Selector contact, stationary |
| PDO-1 | K6780 | Magnetic switch |
| MIS-203 | K7822 | Rectifier, silicon, plug-in |
| PRT-1N | C1247 | Rectifier, 36 plates, 2-5/8" negative |
| PRT-1P | C1246 | Rectifier, 36 plates, 2-5/8" positive |
| PRT-2 | | Rectifier, 20 Plate 2"SQ, full wave 115V |

Timer Kit

| S.E.E.S. # | O.E.M.# | Description |
|------------|-----------------|---|
| PT-1 | K7754, M7754 | Timer Replacement kit and instructions. this timer replaces old style (obsolete) |



PT-1

Wheels



MIS-187



MIS-187A



MIS-187B

| S.E.E.S.# | O.E.M.# | Description |
|-----------|---------|--|
| MIS-187 | M1286 | Roller, 3" O.D. x 1" W x .5906" I.D., two bearings |
| MIS-187A | M1289 | Roller, 5" O.D. x 1-1/4" W x .7874" I.D., two bearings |
| MIS-187B | M1292 | Roller, 7" O.D. x 1-1/4" W x .7874" I.D., two bearings |

Tap and Drill Sizes for Numbered Machine Screws

| Tap Size # Threads / Inch | Drill Sizes Inches | Drill # |
|------------------------------|-----------------------|---------|
| 0-80 | 0.0469 | 3/64" |
| 1-56 | 0.0550 | 54 |
| 1-64 & 72 | 0.0595 | 53 |
| 2-56 & 64 | 0.0700 | 50 |
| 3-48 | 0.0785 | 47 |
| 3-56 | 0.0820 | 45 |
| 4-32 | 0.0820 | 45 |
| 4-36 | 0.0860 | 44 |
| 4-40 | 0.0890 | 43 |
| 4-48 | 0.0935 | 42 |
| 5-40 | 0.1015 | 38 |
| 5-44 | 0.1040 | 37 |
| 6-32 | 0.1066 | 36 |
| 6-36 | 0.1110 | 34 |
| 6-40 | 0.1130 | 33 |
| 8-32 & 36 | 0.1360 | 29 |
| 8-40 | 0.1405 | 28 |
| 10-24 | 0.1495 | 25 |
| 10-30 | 0.1570 | 22 |
| 10-32 | 0.1590 | 21 |
| 12-24 | 0.1770 | 16 |
| 12-28 | 0.1820 | 14 |
| 12-32 | 0.1850 | 13 |

| Tap Inch- Threads/Inch | Drill Sizes Inches | Drill # or Letter Size |
|---------------------------|-----------------------|---------------------------|
| 1/4"-20 | 0.2010 | 7 |
| 1/4"-28 | 0.2130 | 3 |
| 5/16"-18 | 0.2570 | F |
| 5/16"-24 | 0.2720 | I |
| 3/8"-16 | 0.3125 | 5/16" |
| 3/8"-24 | 0.3320 | Q |
| 7/16"-14 | 0.3680 | U |
| 7/16"-20 | 0.3903 | 25/64" |
| 1/2"-13 | 0.4219 | 27/64" |
| 1/2"-20 | 0.4531 | 29/64" |
| 9/16"-12 | 0.4844 | 31/64" |
| 9/16"-18 | 0.5156 | 33/64" |
| 5/8"-11 | 0.5312 | 17/32" |
| 5/8"-18 | 0.5781 | 37/64" |
| 3/4"-10 | 0.6562 | 21/32" |
| 3/4"-16 | 0.6875 | 11/16" |
| 7/8"-9 | 0.7656 | 49/64" |
| 7/8"-14 | 0.8125 | 13/16" |
| 1"-8 | 0.8750 | 7/8" |
| 1"-12&14 | 0.9375 | 59/64" |

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