

# Serving All Your Metric Needs...



## Recoil Thread Repair Kits

### Kits, Taps & Insert Sizes

#### Part Numbers

| SIZE | KIT | Inserts per Kit | (1) TAP | (2) INSERT Refill Pkts | Inserts per Pkt | Installation /TBO TOOL |
|------|-----|-----------------|---------|------------------------|-----------------|------------------------|
|------|-----|-----------------|---------|------------------------|-----------------|------------------------|

#### BSF

|         |       |    |       |       |    |       |
|---------|-------|----|-------|-------|----|-------|
| 3/16-32 | 30030 | 10 | 40035 | 20033 | 10 | 50140 |
| 1/4-26  | 30040 | 10 | 40045 | 20043 | 10 | 50188 |
| 5/16-22 | 30050 | 10 | 40055 | 20053 | 10 | 50250 |
| 3/8-20  | 30060 | 10 | 40065 | 20063 | 10 | 50281 |
| 7/16-18 | 30070 | 5  | 40075 | 20073 | 10 | 50344 |
| 1/2-16  | 30080 | 5  | 40095 | 20083 | 10 | 50375 |
| 9/16-16 | 30090 | 5  | 40095 | 20093 | 5  | 50438 |
| 5/8-14  | 30100 | 5  | 40105 | 20103 | 5  | 50500 |

#### BSP

|        |       |    |       |       |    |       |
|--------|-------|----|-------|-------|----|-------|
| 1/8-28 | 31020 | 10 | 41025 | 21023 | 10 | 50313 |
| 1/4-19 | 31040 | 10 | 41045 | 21043 | 10 | 50438 |
| 3/8-19 | 31060 | 5  | 41065 | 21063 | 10 | 50500 |
| 1/2-14 | 31080 | 5  | 41085 | 21083 | 5  | 50688 |
| 3/4-14 | 31120 | 5  | 41125 | 21123 | 5  | 50875 |
| 1-11   | 31160 | 5  | 41165 | 21163 | 3  | 51125 |

#### BSW

|         |       |    |       |       |    |       |
|---------|-------|----|-------|-------|----|-------|
| 1/8-40  | 32020 | 10 | 42025 | 22023 | 10 | 50089 |
| 3/16-24 | 32030 | 10 | 42035 | 22033 | 10 | 50140 |
| 1/4-20  | 32040 | 10 | 42045 | 22043 | 10 | 50188 |
| 5/16-18 | 32050 | 10 | 42055 | 22053 | 10 | 50219 |
| 3/8-16  | 32060 | 10 | 42065 | 22063 | 10 | 50281 |
| 7/16-14 | 32070 | 5  | 42075 | 22073 | 10 | 50344 |
| 1/2-12  | 32080 | 5  | 42085 | 22083 | 10 | 50375 |
| 9/16-12 | 32090 | 5  | 42095 | 22093 | 5  | 50438 |
| 5/8-11  | 32100 | 5  | 42105 | 22103 | 5  | 50500 |
| 3/4-10  | 32120 | 5  | 42125 | 22123 | 5  | 50591 |

Above 3/4" BSW-See U N C  
U N C ...B S W Interchangeable fo

#### UNC

|             |       |    |       |       |    |       |
|-------------|-------|----|-------|-------|----|-------|
| 2-56        | 33520 | 10 | 43525 | 23523 | 10 | 50061 |
| 3-48        | 33530 | 10 | 43535 | 23533 | 10 | 50069 |
| 4-40        | 33540 | 10 | 43545 | 23543 | 10 | 50077 |
| (1/8)5-40   | 33550 | 10 | 43555 | 23553 | 10 | 50089 |
| 6-32        | 33560 | 10 | 43565 | 23563 | 10 | 50095 |
| 8-32        | 33580 | 10 | 43585 | 23583 | 10 | 50125 |
| (3/16)10-24 | 33600 | 10 | 43605 | 23603 | 10 | 50140 |
| (7/32)12-24 | 33620 | 10 | 43625 | 23623 | 10 | 50156 |
| 1/4-20      | 33040 | 10 | 43045 | 23043 | 10 | 50188 |
| 5/16-18     | 33050 | 10 | 43055 | 23053 | 10 | 50219 |
| 3/8-16      | 33060 | 10 | 43065 | 23063 | 10 | 50281 |
| 7/16-14     | 33070 | 5  | 43075 | 23073 | 10 | 50344 |
| 1/2-13      | 33080 | 5  | 43085 | 23083 | 10 | 50375 |
| 9/16-12     | 33090 | 5  | 43095 | 23093 | 5  | 50438 |
| 5/8-11      | 33100 | 5  | 43105 | 23103 | 5  | 50500 |
| 3/4-10      | 33120 | 5  | 43125 | 23123 | 5  | 50591 |
| 7/8-9       | 33140 | 5  | 43145 | 23143 | 3  | 50688 |
| 1"-8        | 33160 | 5  | 43165 | 23163 | 3  | 50750 |
| 1 1/8-7     | 33180 | 5  | 43185 | 23183 | 1  | 50875 |
| 1 1/4-7     | 33200 | 5  | 43205 | 23203 | 1  | 51000 |
| 1 3/8-6     | 33220 | 5  | 43225 | 23223 | 1  | 51063 |

#### UNF (SAE)

|             |       |    |       |       |    |       |
|-------------|-------|----|-------|-------|----|-------|
| 3-56        | 34530 | 10 | 44535 | 24533 | 10 | 50069 |
| 4-48        | 34540 | 10 | 44545 | 24543 | 10 | 50077 |
| 6-40        | 34560 | 10 | 44565 | 24563 | 10 | 50095 |
| 8-36        | 34580 | 10 | 44585 | 24583 | 10 | 50125 |
| (3/16)10-32 | 34600 | 10 | 44605 | 24603 | 10 | 50156 |
| 1/4-28      | 34040 | 10 | 44045 | 24043 | 10 | 50188 |
| 5/16-24     | 34050 | 10 | 44055 | 24053 | 10 | 50250 |
| 3/8-24      | 34060 | 10 | 44065 | 24063 | 10 | 50313 |
| 7/16-20     | 34070 | 5  | 44075 | 24073 | 10 | 50344 |
| 1/2-20      | 34080 | 5  | 44095 | 24083 | 10 | 50375 |
| 9/16-18     | 34900 | 5  | 44095 | 24093 | 5  | 50438 |
| 5/8-18      | 34100 | 5  | 44105 | 24103 | 5  | 50500 |
| 3/4-16      | 34120 | 5  | 44125 | 24123 | 5  | 50625 |
| 7/8-14      | 34140 | 5  | 44145 | 24143 | 3  | 50688 |
| 1"-12       | 34160 | 5  | 44165 | 24163 | 3  | 50750 |
| 1"-14       | 34170 | 5  | 44175 | 24173 | 3  | 50750 |
| 1 1/8-12    | 34180 | 5  | 44185 | 24183 | 1  | 51000 |
| 1 1/4-12    | 34200 | 5  | 44205 | 24203 | 1  | 51063 |
| 1 3/8-12    | 34220 | 3  | 44225 | 24223 | 1  | 51125 |

#### Metric & Sparkplug

|          |       |    |       |       |    |       |
|----------|-------|----|-------|-------|----|-------|
| M2X0.4   | 35020 | 10 | 45025 | 25023 | 10 | 50061 |
| M2.2X.45 | 35010 | 10 | 45015 | 25013 | 10 | 50061 |
| M2.5X.45 | 35250 | 10 | 45255 | 25253 | 10 | 50069 |
| M3X0.5   | 35030 | 10 | 45035 | 25033 | 10 | 50089 |
| M3.5X0.6 | 35350 | 10 | 45355 | 25353 | 10 | 50095 |
| M4X0.7   | 35040 | 10 | 45045 | 25043 | 10 | 50125 |
| M5X0.8   | 35050 | 10 | 45055 | 25053 | 10 | 50156 |
| M6X1     | 35060 | 10 | 45065 | 25063 | 10 | 50188 |
| M7X1     | 35070 | 10 | 45075 | 25073 | 10 | 50219 |
| M8X1     | 37080 | 10 | 47085 | 27083 | 10 | 50250 |
| M8X1.25  | 35080 | 10 | 45085 | 25083 | 10 | 50250 |
| M9X1     | 37090 | 10 | 47095 | 27093 | 10 | 50281 |
| M9X1.25  | 35090 | 10 | 45095 | 25093 | 10 | 50281 |
| M10X1    | 38100 | 10 | 48105 | 28103 | 10 | 50313 |
| M10X1.25 | 37100 | 10 | 47105 | 27103 | 10 | 50313 |
| M10X1.5  | 35100 | 10 | 45105 | 25103 | 10 | 50313 |
| M11X1    | 38110 | 5  | 48115 | 28113 | 10 | 50344 |
| M11X1.25 | 37110 | 5  | 47115 | 27113 | 10 | 50344 |
| M11X1.5  | 3510  | 5  | 45115 | 25113 | 10 | 50344 |
| M12X1.25 | 38140 | 10 | 48127 | 28122 | 10 | 50375 |
|          |       |    | P/N   | -1/2" |    |       |
|          |       |    |       | 28123 | 10 |       |
|          |       |    |       | -3/4" |    |       |
| M12X1.5  | 37120 | 5  | 47125 | 27123 | 10 | 50375 |
| M12X1.75 | 35120 | 5  | 45125 | 25123 | 10 | 50375 |
| M12X1.25 | 38140 | 10 | 48147 | 28148 | 10 | 50469 |
|          |       |    | P/N   | -3/8" |    |       |
|          |       |    |       | 28149 | 10 |       |
|          |       |    |       | -1/2" |    |       |
|          |       |    |       | 28140 | 10 |       |
|          |       |    |       | -3/4" |    |       |
| M14X1.5  | 37140 | 5  | 47145 | 27143 | 5  | 50438 |
| M14X2    | 35140 | 5  | 45145 | 25143 | 5  | 50438 |
| M16X1.5  | 37160 | 5  | 47165 | 27163 | 5  | 50500 |
| M16X2    | 35160 | 5  | 45165 | 25163 | 5  | 50500 |
| M18X1.5  | 38180 | 5  | 48187 | 28189 | 5  | 50591 |
| M18X1.5  | 38181 | 5  | 48185 | 28183 | 5  | 50591 |
| M18X2    | 37180 | 5  | 47185 | 27183 | 5  | 50591 |
| M18X2.5  | 35180 | 5  | 45185 | 25183 | 5  | 50591 |
| M20X1.5  | 38200 | 5  | 48205 | 28203 | 3  | 50625 |
| M20X2    | 37200 | 5  | 47205 | 27203 | 3  | 50625 |
| M20X2.5  | 35200 | 5  | 45205 | 25203 | 3  | 50625 |
| M22X1.5  | 38220 | 5  | 48225 | 28223 | 3  | 50688 |
| M22X2    | 37220 | 5  | 47225 | 27223 | 3  | 50688 |
| M22X2.5  | 35220 | 5  | 45225 | 25223 | 3  | 50688 |
| M24X1.5  | 38240 | 5  | 48245 | 28243 | 1  | 50750 |
| M24X2    | 37240 | 5  | 47245 | 27243 | 1  | 50750 |
| M24X3    | 35240 | 5  | 45245 | 25243 | 1  | 50750 |

Above M24 available on request.  
\*Popular Sparkplug Sizes

#### BA

|      |       |    |       |       |    |       |
|------|-------|----|-------|-------|----|-------|
| 0 BA | 30500 | 10 | 40505 | 20503 | 10 | 50188 |
| 1 BA | 30510 | 10 | 40515 | 20513 | 10 | 50156 |
| 2 BA | 30520 | 10 | 40525 | 20523 | 10 | 50140 |
| 4 BA | 30540 | 10 | 40545 | 20543 | 10 | 50089 |
| 6 BA | 30560 | 10 | 40565 | 20563 | 10 | 50077 |

#### Mini Range Kits

| SIZES                                   | PART No. |
|---|----------|
| M5X.8, M6X1, M8X1.25                    | 35001    |
| M10X1, M10X1.25, M10X1.5                | 38002    |
| 1/4 - 20, 5/16 - 18, 3/8 - 16 UNC (BSW) | 33001    |
| 1/4 - 28, 5/16 - 24, 3/8 - 24 UNF (SAE) | 34001    |

#### Range Kits

| SIZES  | PART No. |
|--|----------|
| UNC 1/4-20, 5/8-18, 3/8-16, 7/16-14, 1/2-13                                  | 33004    |
| UNF 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20                                 | 34004    |
| BSW 1/4-28, 5/16-18, 3/8-16, 7/16-14, 1/2-12                                 | 32004    |
| METRIC-150-M5X.8, M6X1, M8X1.25, M10X1.5, M12X1.75                           | 35004    |
| METRIC-150-M6X1, M8X1.25, M10X1.5, M12X1.75, M16X2                           | 35005    |
| M/C (Motorcycle)-M6X1, M8X1.25, M10X1, M10X1.25, M12X1.25, M14X1.25          | 38006    |
| O.P.E. (Outdoor Power Eqpt.)-M5X.8, M6X1, M8X1.25, M14X1.25, 1/4-20, 5/16-18 | 38007    |
| VW-M6X1, M7X1, M8X1.25, M10X1.5, M12X1.5, M14X1.25                           | 38008    |
| BSF 1/4-26, 3/16-22, 3/8-20M, 7/16-18, 1/2-16                                | 30004    |
| M6X1, M8X1.25, M10X1.5, M12X1.75, M14X1.25                                   | 33005    |

Recoil merchandising and stocking system available. Contact British Metrics for details. Recoil Kits include only the best quality HSS hand taps which makes them suitable for aluminum, magnesium, cast iron and most machinable steels, still at the most competitive price.

#### 1. Taps

Part Numbers listed are for intermediate HSS taps unless otherwise stated. e.g., P/N - Pilot Nose.

To order taper or bottoming, change last number of Part No. - Taper or Roughing (4), Bottoming (6), Pilot Nose (7), e.g., M6 x 1 inter tap = 45065, Taper = 45064, Bottoming = 45066.

#### 2. Insert Refill Packets

Part number last number 3 stands for 1.5d, i.e., inserts are 1.5 times diameter, e.g., 6mm insert is 9mm long. For 1d, Substitute part number 2, e.g., 1d - m6 x 1 = 25062. 1d = (2), 1.5d = (3), 2d = (4), 2.5d = (5), 3d = (6).

#### 3. Bulk Inserts

Substitute first number of part number (2) with a (0). Substitute (1) for bulk locking. Due to our policy of continued development, specifications are subject to change without notice.