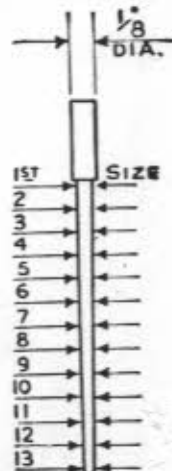


APRIL, 1964.

AUC 9618 C

## NEEDLE SIZES

(FOR .090", .100", AND .125" DIA. JETS)



Sizes taken every  $\frac{1}{16}$ " from top shoulder.

MANUFACTURED BY  
**THE S.U. CARBURETTER CO. LTD.**  
Proprietors: MORRIS MOTORS LTD.  
WOOD LANE, ERDINGTON,  
BIRMINGHAM 24

TELEPHONE - - - Erdington 7371 (7 lines)  
TELEGRAMS - - - Carburflex, Birmingham



**B.M.C. (AUSTRALIA) PTY. LIMITED,**  
JOYNTON AVENUE,  
ZETLAND. N.S.W.  
TEL. 663-0321

| -090 JET NEEDLES |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|
| AS               | AA    | AB    | AC    | AC2   | AD    | AE    |
| -089             | -089  | -089  | -089  | -088  | -089  | -089  |
| -085             | -0845 | -085  | -085  | -084  | -085  | -085  |
| -0826            | -080  | -080  | -082  | -082  | -082  | -081  |
| -080             | -0767 | -0785 | -080  | -080  | -080  | 078   |
| -0782            | -0735 | -0768 | -0783 | -0783 | -0780 | -0763 |
| -0765            | -071  | -075  | -0765 | -0765 | -0760 | -0754 |
| -0746            | -0689 | -0732 | -0746 | -0746 | -0740 | -0745 |
| -073             | -0661 | -0718 | -073  | -073  | -0720 | -0737 |
| -0711            | -0638 | -0702 | -071  | -071  | -070  | -0728 |
| -0694            | -0614 | -0688 | -0694 | -0694 | -0680 | 0718  |
| -0676            | -0591 | -0671 | -0676 | -0676 | -066  | -071  |
| -066             | -0566 | -0657 | 066   | -066  | -064  | -070  |
|                  | -054  | -064  | -064  | -064  | -062  |       |
| AF               | AG    | AH    | AH.1  | AH.2  | AI    | AJ    |
| -089             | -089  | -088  | -088  | -089  | -089  | -089  |
| -085             | -085  | -0862 | -086  | -085  | -085  | -085  |
| -0814            | -0795 | -083  | -082  | -082  | -0817 | -0815 |
| -078             | -0745 | -0803 | -079  | -0794 | -0798 | -079  |
| -0758            | -0702 | -0775 | -0765 | -077  | -078  | -0767 |
| -0727            | -0665 | 0756  | -075  | -0748 | -0765 | -0745 |
| -071             | -063  | -0733 | -073  | -0726 | -075  | -0723 |
| -0695            | -0598 | -0711 | -071  | -0704 | -0732 | -0703 |
| -068             | -0567 | -069  | -069  | -0683 | -0712 | -0683 |
| -0665            | -054  | -067  | -067  | -0662 | -0693 | -0663 |
| -065             | -051  | -065  | -065  | -064  | -0685 | -064  |
| -0632            | -0485 | -063  | -063  | -062  | -0675 | -062  |
|                  | -046  | -061  | -061  | -060  |       |       |
| AK               | AL    | AM    | AN    | AO    | AP    | AQ    |
| -089             | -089  | -089  | -083  | -089  | -089  | -089  |
| -086             | -085  | -085  | -0855 | -085  | -085  | -085  |
| -0825            | -0816 | -081  | -0827 | -082  | -0817 | -080  |
| -0795            | -0796 | -078  | -0807 | -0793 | -0796 | -076  |
| -0786            | -0781 | -0753 | -0787 | -0766 | -0777 | -0724 |
| -078             | -077  | -073  | -077  | -0737 | -0765 | -0694 |
| 077              | -076  | -0704 | -0753 | -0705 | -0752 | -0668 |
| -0764            | -0748 | -068  | -074  | -0673 | -0745 | -0642 |
| -0755            | -0738 | -0655 | -073  | -064  | -0736 | -062  |
| -0747            | -0726 | -063  | -072  | -0608 | -0727 | -060  |
| -0738            | -0715 | -0606 | -071  | -0576 | -072  | -058  |
| -073             | -0705 | -0583 | -070  | -0544 | -071  | -0558 |
|                  |       | -056  | 069   | -051  |       | -0536 |
| AR               | AS    | AT    | AU    | AV    | AW    | AX    |
| -089             | -089  | -088  | -089  | -089  | -090  | -089  |
| -085             | -0845 | -0856 | -084  | -085  | -085  | -0843 |
| -082             | -079  | -0833 | 0815  | -0805 | -0807 | -0807 |
| -0795            | -075  | -0809 | -079  | -0773 | -078  | 0775  |
| -0771            | -072  | -0785 | -0773 | -0742 | -0757 | 075   |
| -0748            | -0692 | -0761 | -0755 | -0717 | -0735 | -073  |
| -073             | -0665 | -0738 | -0737 | -070  | -0713 | -071  |
| -0712            | -0635 | -0714 | -0717 | -0675 | -0693 | -0692 |
| -0696            | -061  | -069  | -0698 | -065  | -0674 | -0675 |
| -068             | -0586 | -0666 | -068  | -0625 | -0655 | -066  |
| -066             | -056  | -0643 | -066  | -060  | -0637 | -0645 |
| -064             | -0533 | -0619 | -064  | -059  | -0618 | -063  |
|                  | -051  |       |       | 058   | 060   | -0615 |

# -090 JET NEEDLES

| AY    | AZ    |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| -089  | -089  |       |       |       |       |       |
| -085  | -085  |       |       |       |       |       |
| -0805 | 0815  |       |       |       |       |       |
| -0768 | 079   |       |       |       |       |       |
| -0741 | -0755 |       |       |       |       |       |
| -072  | -071  |       |       |       |       |       |
| -0694 | -0662 |       |       |       |       |       |
| -0669 | -0615 |       |       |       |       |       |
| -0643 | -0575 |       |       |       |       |       |
| -0617 | -0532 |       |       |       |       |       |
| -059  | -0490 |       |       |       |       |       |
| -0565 | -0445 |       |       |       |       |       |
| 0538  | -0405 |       |       |       |       |       |
|       |       |       |       |       |       |       |
| BA    | BB    | BD    | BE    | BF    | BG    | BH    |
| -090  | -089  | -090  | -089  | -089  | -089  | -089  |
| -0856 | -085  | -0856 | -084  | -085  | -085  | -085  |
| -0822 | -0825 | -0822 | -0805 | -082  | -0815 | -0812 |
| -0805 | -080  | -0805 | -0773 | -0796 | -0782 | -0775 |
| -0794 | -0775 | -0794 | -074  | -0764 | -0745 | -0753 |
| -0777 | -075  | -0777 | -0705 | -072  | -0695 | -074  |
| -0760 | -0725 | -0760 | -067  | -068  | -0647 | -0731 |
| -0743 | -070  | -0750 | -0634 | -0635 | -060  | -0722 |
| -0727 | -0675 | -0740 | -060  | -0591 | -0557 | -0714 |
| -0710 | -065  | -0730 | -0565 | -0549 | -0515 | -0705 |
| -0694 | -0625 | -0720 | -053  | -0505 | -0474 | -0696 |
| -0677 | -060  | -0710 | -0495 | -0463 | -043  | -0688 |
|       | -0575 |       | -046  | -042  | -039  | -068  |
|       |       |       |       |       |       |       |
| BI    | BJ    | BK    | BL    | BM    | BN    | BP    |
| -089  | -089  | -089  | -089  | -089  | -089  | -089  |
| -0855 | -0855 | -0855 | -0855 | -0855 | -0855 | -085  |
| -0808 | -0824 | -0815 | -081  | -0805 | -0816 | -0814 |
| -0777 | -0794 | -0785 | -0777 | -0768 | -0784 | -078  |
| -0751 | -0769 | -0762 | -075  | -074  | -0758 | -074  |
| -073  | -0749 | -0738 | -073  | -072  | -0738 | -0715 |
| -0714 | -0734 | -0722 | -0715 | -0705 | -0724 | -0695 |
| -0705 | -0725 | -0715 | -0707 | -0695 | -0714 | -0673 |
| -0701 | -0721 | -071  | -070  | -0692 | -0707 | -065  |
| -0697 | -0717 | -0706 | -0698 | -0688 | -0703 | -0625 |
| -0694 | -0714 | -0703 | -0693 | -0684 | -0701 | -060  |
| -069  | -071  | -070  | -069  | -068  | -070  | -058  |
|       |       | -0695 | -0688 |       |       | -056  |
|       |       |       |       |       |       |       |
| BQ    | BR    | BS    | BT    | BU    | BV    | BW    |
| -089  | -089  | -088  | -088  | -090  | -089  | -089  |
| -085  | -085  | -0856 | -0856 | -085  | -0845 | -0855 |
| -082  | -0817 | -0836 | -0835 | -080  | -081  | -0818 |
| -079  | -0785 | -0817 | -0813 | -077  | -0785 | -079  |
| -075  | -0757 | -0798 | -0792 | -0745 | -076  | -0765 |
| -0725 | -075  | -0778 | -0771 | -072  | -074  | -0742 |
| -0705 | -0741 | -076  | -0749 | -0695 | -072  | -0718 |
| -0685 | -0735 | -074  | -0726 | -0675 | -070  | -0693 |
| -0662 | -0728 | -072  | -0705 | -0655 | -068  | -067  |
| -064  | -072  | -0701 | -0684 | -0625 | -066  | -0645 |
| -0616 | -071  | -0683 | -0663 | -0602 | -064  | -062  |
| -0594 | -070  | -0664 | -064  | -058  | -062  | -0596 |
| -057  | -069  |       |       | -056  | -060  | -057  |

# -090 JET NEEDLES

| BX    | BXI   | BY    | BZ    |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| -089  | -089  | -088  | -089  |       |       |       |
| -085  | -085  | -084  | -0843 |       |       |       |
| -0805 | -0827 | -0805 | -081  |       |       |       |
| -077  | -081  | -0775 | -0752 |       |       |       |
| -075  | -0792 | -0745 | -0719 |       |       |       |
| -0735 | -0777 | -0725 | -0686 |       |       |       |
| -072  | -076  | -0709 | -0653 |       |       |       |
| -0705 | -075  | -069  | -0622 |       |       |       |
| -0687 | -074  | -067  | -059  |       |       |       |
| -067  | -073  | -0653 | -056  |       |       |       |
| -0655 | -072  | -0635 | -053  |       |       |       |
| -064  | -071  | -062  | -050  |       |       |       |
|       |       | -060  | -047  |       |       |       |
|       |       |       |       |       |       |       |
| C     | CA    | CB    | CC    | CD    | CE    | CF    |
| -089  | -089  | -089  | -089  | -089  | -089  | -089  |
| -0845 | -0855 | -085  | -085  | -085  | -085  | -085  |
| -081  | -084  | -0805 | -081  | -0815 | -082  | -083  |
| -077  | -0825 | -077  | -078  | -0775 | -0795 | -0805 |
| -0742 | -081  | -0745 | -075  | -0735 | -0777 | -0787 |
| -071  | -0807 | -0725 | -0725 | -070  | -076  | -0767 |
| -0683 | -0803 | -071  | -0698 | -069  | -0745 | -0747 |
| -066  | -0803 | -0695 | -067  | -0678 | -0735 | -0727 |
| -0635 | -0803 | -068  | -064  | -0666 | -072  | -0707 |
| -0613 | -0803 | -0665 | -061  | -0654 | -071  | -0687 |
| -0594 | -0803 | -065  | -058  | -0643 | -0695 | -0667 |
| -0575 | -0803 | -0635 | -055  | -063  | -0682 | -0647 |
| -056  | -0803 | -062  | -052  | -062  | -067  |       |
|       |       |       |       |       |       |       |
| CG    | CH    | CJ    | CK    | CL    | CM    | CN    |
| -090  | -090  | -090  | -090  | -090  | -088  | -089  |
| -084  | -084  | -084  | -084  | -084  | -084  | -085  |
| -081  | -0805 | -0815 | -081  | -080  | -0805 | -0812 |
| -079  | -0782 | -0795 | -079  | -0775 | -0775 | -078  |
| -0765 | -0767 | -0775 | -0775 | -076  | -074  | -075  |
| -075  | -076  | -0761 | -077  | -075  | -0718 | -072  |
| -0735 | -0756 | -0747 | -0766 | -0746 | -070  | -069  |
| -0722 | -0752 | -0734 | -0762 | -0742 | -0685 | -0665 |
| -0707 | -0747 | -072  | -0757 | -0737 | -0668 | -064  |
| -0693 | -0743 | -0705 | -0753 | -0733 | -0652 | -062  |
| -0678 | -0738 | -0692 | -0749 | -0728 | -0635 | -060  |
| -0664 | -0733 | -0677 | -0745 | -0724 | -062  | -058  |
| -065  | -073  | -0664 | -074  | -072  | -060  | -056  |
|       |       |       |       |       |       |       |
| CO    | CP    | CP4   | CQ    | CR    | CS    | CSI   |
| -089  | -089  | -088  | -088  | -088  | -089  | -089  |
| -085  | -085  | -0852 | -0852 | -0852 | -085  | -085  |
| -081  | -0813 | -0825 | -0825 | -083  | -0822 | -081  |
| -0787 | -0793 | -079  | -0798 | -0805 | -0792 | -077  |
| -0765 | -0775 | -0757 | -0768 | -078  | -0765 | -073  |
| -0747 | -0757 | -0725 | -0737 | -0754 | -0725 | -0692 |
| -073  | -074  | -069  | -0706 | -0725 | -0706 | -066  |
| -0725 | -0735 | -0655 | -0676 | -0697 | -069  | -063  |
| -072  | -073  | -062  | -0646 | -067  | -0672 | -060  |
| -0717 | -0725 | -0585 | -0615 | -064  | -0655 | -057  |
| -0714 | -072  | -0545 | -0585 | -0613 | -0638 | -054  |
| -071  | -0715 | -051  | -0555 | -0585 | -062  | -051  |
|       |       | -047  | -0525 | -0556 | -0605 | -048  |

# -090 JET NEEDLES

| CS2   | CT    | CU    | CW    | CX    | CY    | CZ    |
|-------|-------|-------|-------|-------|-------|-------|
| -089  | -089  | -089  | -089  | -089  | -089  | -089  |
| -085  | -085  | -085  | -085  | -085  | -085  | -085  |
| -081  | -081  | -0825 | -081  | -081  | -080  | -0827 |
| -077  | -077  | -080  | -079  | -0796 | -076  | -0806 |
| -073  | -0738 | -0775 | -078  | -0788 | -0738 | -0785 |
| -069  | -0706 | -0735 | -077  | -078  | -0715 | -0745 |
| -065  | -0675 | -0715 | -0763 | -0771 | -0695 | -0727 |
| -0615 | -0643 | -070  | -0754 | -0763 | -068  | -071  |
| -058  | -061  | -0683 | -0745 | -0755 | -067  | -0693 |
| -0546 | -058  | -0665 | -0736 | -0748 | -066  | -0675 |
| -051  | -0547 | -0647 | -0727 | -074  | -0655 | -0657 |
| -0475 | -0515 | -0630 | -0718 | -073  | -065  | -064  |
| -044  | -0485 | -0610 |       |       | -0645 | -0625 |
| DI    | D2    | D3    | D4    | D6    | D7    | D8    |
| -089  | -089  | -089  | -089  | -089  | -089  | -089  |
| -085  | -085  | -085  | -0855 | -0855 | -0855 | -085  |
| -082  | -0815 | -083  | -0825 | -0825 | -0817 | -0817 |
| -0802 | -0800 | -081  | -0805 | -0805 | -0795 | -0785 |
| -0793 | -0795 | -080  | -079  | -0793 | -0785 | -0767 |
| -0785 | -0790 | -0794 | -078  | -0785 | -0778 | -076  |
| -0776 | -0785 | -0785 | -0767 | -0776 | -077  | -075  |
| -077  | -0780 | -0778 | -0756 | -077  | -0765 | -074  |
| -0764 | -0775 | -0772 | -0745 | -0764 | -0759 | -073  |
| -0759 | -0770 | -0764 | -0733 | -0759 | -0752 | -072  |
| -0752 | -0765 | -0757 | -0721 | -0752 | -0747 | -071  |
| -0748 | -0760 | -075  | -071  | -0748 | -074  | -070  |
| D9    | DA    | DC    | DE    | DH    | DJ    | DK    |
| -089  | -089  | -089  | -089  | -089  | -089  | -089  |
| -0852 | -084  | -084  | -0855 | -085  | -085  | -085  |
| -0825 | -082  | -082  | -0825 | -0822 | -0822 | -0817 |
| -0806 | -080  | -0805 | -0802 | -080  | -0795 | -0787 |
| -0791 | -0788 | -0796 | -0772 | -0775 | -0765 | -0755 |
| -0778 | -0784 | -0794 | -0745 | -074  | -073  | -072  |
| -0764 | -0780 | -0792 | -0734 | -072  | -071  | -070  |
| -075  | -0776 | -0790 | -0729 | -071  | -070  | -069  |
| -0736 | -0773 | -0787 | -0723 | -070  | -069  | -068  |
| -0723 | -0769 | -0785 | -0717 | -069  | -068  | -067  |
| -071  | -0765 | -0783 | -0712 | -068  | -067  | -066  |
| -0696 | -0761 | -0780 | -0707 | -067  | -066  | -065  |
|       |       |       |       | -066  | -065  | -064  |
| DM    | DN    | DP    | DQ    | DR    | DS    | DT    |
| -089  | -0885 | -089  | -089  | -088  | -089  | -088  |
| -084  | -085  | -085  | -085  | -085  | -085  | -084  |
| -081  | -082  | -081  | -0815 | -080  | -0805 | -081  |
| -0791 | -080  | -0777 | -0785 | -0768 | -0776 | -078  |
| -0780 | -0782 | -075  | -076  | -0735 | -0759 | -076  |
| -0775 | -077  | -0735 | -073  | -0705 | -074  | -074  |
| -0770 | -076  | -0723 | -071  | -0675 | -0725 | -0723 |
| -0765 | -075  | -0715 | -070  | -065  | -071  | -0712 |
| -0760 | -074  | -071  | -069  | -0635 | -0695 | -0709 |
| -0755 | -0728 | -0703 | -068  | -0627 | -068  | -0705 |
| -0750 | -0717 | -0698 | -067  | -0618 | -067  | -0703 |
| -0745 | -0705 | -069  | -066  | -0608 | -066  | -0701 |
|       |       | -0688 | -065  | -060  |       | -070  |

# -090 JET NEEDLES

| DU    | DV    | DW    | DY    |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| -089  | -089  | -089  | -089  |       |       |       |
| -085  | -084  | -085  | -085  |       |       |       |
| -081  | -0822 | -0815 | -079  |       |       |       |
| -0775 | -081  | -0795 | -0765 |       |       |       |
| -0755 | -0792 | -0780 | -074  |       |       |       |
| -074  | -0781 | -0765 | -0715 |       |       |       |
| -073  | -078  | -0752 | -069  |       |       |       |
| -072  | -078  | -074  | -0665 |       |       |       |
| -071  | -078  | -0728 | -0643 |       |       |       |
| -070  | -078  | -0714 | -062  |       |       |       |
| -069  | -078  | -070  | -061  |       |       |       |
| -068  | -078  | -0686 | -060  |       |       |       |
|       |       |       | -059  |       |       |       |
| E2    | E2/I  | E3    | E3/I  | E4    | EA    | EB    |
| -088  | -089  | -088  | -088  | -088  | -089  | -089  |
| -0845 | -085  | -0862 | -0845 | -084  | -085  | -0855 |
| -081  | -0826 | -083  | -0817 | -080  | -081  | -0835 |
| -0775 | -0788 | -0803 | -079  | -078  | -078  | -0815 |
| -075  | -0763 | -0775 | -076  | -076  | -075  | -0795 |
| -0725 | -0736 | -0747 | -073  | -0739 | -072  | -0777 |
| -070  | -0711 | -072  | -070  | -0718 | -0695 | -0762 |
| -0675 | -0685 | -0693 | -0675 | -0695 | -067  | -075  |
| -0646 | -066  | -0665 | -0646 | -0673 | -0645 | -074  |
| -0626 | -064  | -0638 | -0626 | -0651 | -062  | -073  |
| -0605 | -062  | -062  | -0605 | -063  | -0595 | -072  |
| -059  | -060  | -060  | -059  | -061  | -057  | -071  |
| -057  | -058  | -0582 | -057  | -059  | -0545 |       |
| EC    | ED    | EE    | EF    | EG    | EH    | EI    |
| -089  | -089  | -089  | -089  | -088  | -089  | -089  |
| -085  | -085  | -085  | -085  | -085  | -085  | -085  |
| -081  | -0825 | -080  | -082  | -080  | -082  | -081  |
| -0775 | -0805 | -0777 | -0795 | -0768 | -0805 | -0775 |
| -0740 | -0785 | -075  | -077  | -074  | -0788 | -073  |
| -0705 | -076  | -0735 | -074  | -071  | -0775 | -069  |
| -0675 | -074  | -072  | -072  | -0685 | -077  | -066  |
| -0645 | -072  | -0715 | -071  | -0665 | -077  | -0635 |
| -0625 | -070  | -0709 | -070  | -065  | -077  | -0618 |
| -0605 | -068  | -0703 | -069  | -0637 | -077  | -060  |
| -0585 | -066  | -0696 | -068  | -062  | -077  | -059  |
| -0570 | -064  | -069  | -067  | -061  | -077  | -058  |
| -0555 | -062  |       | -066  | -060  | -077  | -057  |
| EJ    | EK    | EL    | EM    | EN    | EO    | EP    |
| -089  | -089  | -089  | -089  | -089  | -088  | -089  |
| -085  | -085  | -085  | -085  | -085  | -085  | -085  |
| -0805 | -0827 | -080  | -081  | -0813 | -0806 | -0835 |
| -076  | -081  | -0775 | -078  | -0778 | -0773 | -0815 |
| -0715 | -0792 | -0747 | -0763 | -074  | -0746 | -0795 |
| -068  | -0777 | -072  | -0747 | -0706 | -072  | -0775 |
| -065  | -0762 | -070  | -073  | -068  | -0697 | -0755 |
| -0625 | -075  | -068  | -0725 | -0657 | -0677 | -075  |
| -0605 | -075  | -066  | -072  | -0643 | -0668 | -075  |
| -059  | -075  | -064  | -0715 | -0632 | -0659 | -075  |
| -058  | -075  | -062  | -071  | -062  | -065  | -075  |
| -057  | -075  | -060  | -0705 | -061  | -064  | -075  |
| -056  |       | -058  |       | -060  | -063  |       |

# ·090 JET NEEDLES

| EQ    | ER    | ES    | ET    | EU    | EV    | EW    |
|-------|-------|-------|-------|-------|-------|-------|
| -089  | -089  | -089  | -088  | -089  | -090  | -089  |
| -085  | -085  | -085  | -086  | -085  | -0855 | -085  |
| -0817 | -0833 | -0818 | -0845 | -0825 | -0815 | -0825 |
| -0785 | -081  | -079  | -0825 | -0805 | 078   | -081  |
| -076  | -0777 | -077  | -0803 | -0785 | -075  | -079  |
| -0746 | -074  | -0755 | -0781 | -077  | -0725 | -0775 |
| -0732 | -0725 | -0748 | -0773 | -0755 | -0705 | -0755 |
| -072  | -0712 | -074  | -077  | -0745 | -069  | -0745 |
| -071  | -0706 | -073  | -077  | -074  | -068  | -074  |
| -070  | -0706 | -073  | -077  | -074  | -067  | -074  |
| -069  | -0706 | -073  | -077  | -074  | -066  | -074  |
| -068  |       | -073  |       |       | -065  |       |
| EX    | EX/I  | EY    | EZ    |       |       |       |
| -088  | -088  | -088  | -088  |       |       |       |
| -0862 | -0865 | -0856 | -0865 |       |       |       |
| -0835 | -084  | -0835 | -0838 |       |       |       |
| -081  | -0816 | -0812 | -0798 |       |       |       |
| -0785 | -0794 | -0789 | -0775 |       |       |       |
| -076  | -077  | -0741 | -0751 |       |       |       |
| -0735 | -0745 | -0716 | -0737 |       |       |       |
| -071  | -072  | -0708 | -0726 |       |       |       |
| -0685 | -0698 | -0704 | -0716 |       |       |       |
| -066  | -0675 | -0701 | -0706 |       |       |       |
| -0635 | -065  | -0698 | -0696 |       |       |       |
| -061  | -0627 |       |       |       |       |       |
| -058  | -0602 |       |       |       |       |       |
| FA    | FB    | FC    | FD    | FE    | FF    | FG    |
| -089  | -089  | -090  | -088  | -089  | -089  | -089  |
| -085  | -085  | -0865 | -0865 | -085  | -0856 | -085  |
| -081  | -0806 | -083  | -084  | -081  | -0822 | -0795 |
| -077  | -0767 | -0795 | -0805 | -0775 | -079  | -075  |
| -072  | -0729 | -076  | -078  | -074  | -0757 | -071  |
| -067  | -070  | -073  | -076  | -071  | -0722 | -0678 |
| -063  | -0687 | -071  | -075  | -0695 | -0700 | -065  |
| -060  | -0676 | -070  | -074  | -0686 | -0672 | -0625 |
| -0585 | -0667 | -069  | -073  | -0678 | -0651 | -060  |
| -0576 | -0658 | -068  | -072  | -0671 | -0639 | -058  |
| -0567 | -065  | -067  | -071  | -0664 | -0622 | -056  |
| -056  | -0643 | -066  |       | -0657 |       | -054  |
| -055  | -0635 | -065  |       | -065  |       | -052  |
| FH    | FI    | FJ    | FK    | FL    | FM    | FN    |
| -089  | -089  | -090  | -089  | -089  | -090  | -089  |
| -085  | -085  | -085  | -085  | -085  | -083  | -085  |
| -082  | -0825 | -081  | -083  | -079  | -0796 | -081  |
| -080  | -079  | -0775 | -0812 | -0765 | -0772 | -0775 |
| 079   | -076  | -076  | -0796 | -074  | -075  | -0735 |
| -078  | -073  | -0745 | -0784 | -0715 | -0727 | -069  |
| -077  | -0705 | -0725 | -0772 | -069  | -0703 | -066  |
| -076  | -0693 | -071  | -076  | -0665 | -068  | -063  |
| -075  | -0682 | -070  | -0748 | -065  | -0657 | -061  |
| -074  | -067  | -068  | -0736 | -065  | -0635 | -058  |
| -073  | -0656 | -0665 | -0724 | -065  | -0612 | -055  |
| -072  | -064  | -065  | -0712 |       | -060  |       |
|       | -063  |       |       |       |       |       |

# ·090 JET NEEDLES

| FO    | FP    | FQ    | FR    | FS    | FT    | FU    |
|-------|-------|-------|-------|-------|-------|-------|
| -089  | -0898 | -0890 | -089  | -089  | -089  | -089  |
| -085  | -0855 | -0850 | -085  | -085  | -085  | -085  |
| -0818 | -0826 | -0820 | -081  | -0827 | -082  | -082  |
| -0785 | -0799 | -0795 | -078  | -081  | -0795 | -080  |
| -076  | -0778 | -0774 | -075  | -0785 | -0772 | -078  |
| -0745 | -0762 | -0758 | -0728 | -076  | -0753 | -0763 |
| -0731 | -0754 | 0745  | -0705 | -075  | -0738 | -075  |
| -0729 | -0750 | -0735 | -0685 | -074  | -0728 | -074  |
| -0727 | -0743 | -0725 | -0663 | -073  | -0724 | -0733 |
| -0725 | -0735 | -0715 | -0642 | -072  | -072  | -0728 |
| -0723 | -0728 | -0705 | -0622 | -071  | -072  | -0724 |
| -0721 | -0720 | -0695 | -060  | -070  | -072  | -0714 |
| FV    | FW    | FY    | FZ    |       |       |       |
| -089  | -089  | -090  | -089  |       |       |       |
| -085  | -085  | -085  | -085  |       |       |       |
| -083  | -081  | -081  | -0813 |       |       |       |
| -080  | -0775 | -0775 | -0789 |       |       |       |
| -0773 | -075  | -075  | -077  |       |       |       |
| -0745 | -0725 | -0735 | -0756 |       |       |       |
| -0715 | -070  | -072  | -0748 |       |       |       |
| -0686 | -0675 | -071  | -074  |       |       |       |
| -0658 | -0665 | -070  | -0735 |       |       |       |
| -0647 | -0665 | -068  | -073  |       |       |       |
| -0636 | -0665 | -066  | -0725 |       |       |       |
| -0625 | -0665 | -064  | -072  |       |       |       |
| -0614 | -0665 | -062  |       |       |       |       |
| G1    | GA    | GB    | GC    | GD    | GE    | GE/R  |
| -0875 | -089  | -089  | -089  | -089  | -089  | -089  |
| -0835 | -085  | -085  | -085  | -085  | -0845 | -085  |
| -081  | -0795 | -082  | -083  | -0833 | -082  | -0825 |
| -0785 | -077  | -0795 | -080  | -081  | -0793 | -0795 |
| -0765 | -074  | -0771 | -0773 | -079  | -0766 | -076  |
| -0745 | -0715 | -0748 | -0740 | -0766 | -0739 | -0725 |
| -0725 | -069  | -073  | -0705 | -0753 | -0712 | -069  |
| -0705 | -067  | -0712 | -0665 | -0743 | -0686 | -066  |
| -069  | -065  | -0696 | -0630 | -0738 | -0656 | -064  |
| -0674 | -0632 | -0685 | -0605 | -0738 | -0643 | -062  |
| -066  | -0615 | -068  | -0590 | -0738 | -0627 | -0615 |
| -0642 | -0597 | -067  | -0575 | -0738 | -0627 | -061  |
|       | -058  |       | -0560 |       | -0627 | -0605 |
| GF    | GG    | GH    | GI    | GJ    | GL    | GM    |
| -089  | -089  | -089  | -089  | -089  | -089  | -089  |
| -085  | -087  | -0845 | -085  | -084  | -084  | -086  |
| -0795 | -0845 | -082  | -0825 | -0817 | -082  | -0842 |
| -077  | -0825 | -0786 | -079  | -0792 | -0795 | -0817 |
| -0745 | -0808 | -0753 | -075  | -0770 | -0772 | -0782 |
| -073  | -079  | -0695 | -0715 | -0745 | -075  | -0770 |
| -072  | -078  | -0635 | -069  | -0717 | -0727 | -0758 |
| -0715 | -077  | -0586 | -067  | -0696 | -0706 | -0750 |
| -071  | -0758 | -0570 | -0665 | -0675 | -0685 | -0745 |
| -0703 | -0745 | -0565 | -0665 | -0654 | -0664 | -0740 |
| -0696 | -0732 | -0565 | -0665 | -0632 | -0642 | -0735 |
| -069  | -072  | -0565 | -0665 | -0611 | -0621 | -0730 |
|       |       |       |       | -059  | -060  |       |

| -090 JET NEEDLES |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|
| GN               | GO    | GP    | GR    | GS    | GT    | GU    |
| -089             | -089  | -089  | -089  | -089  | -089  | -089  |
| -0855            | -086  | -085  | -085  | -085  | -085  | -0855 |
| -0835            | -0845 | -080  | -082  | -0815 | -082  | -083  |
| -081             | -0825 | -076  | -079  | -0785 | -0795 | -0805 |
| -078             | -0792 | -075  | -077  | -0755 | -077  | -0775 |
| -0755            | -0777 | -0725 | -075  | -0725 | -0745 | -0745 |
| -0725            | -0765 | -0696 | -073  | -070  | -071  | -0705 |
| -070             | -0755 | -0666 | -071  | -0675 | -0675 | -067  |
| -0675            | -0750 | -0636 | -069  | -0650 | -0640 | -0635 |
| -0650            | -0745 | -0606 | -067  | -0625 | -0605 | -060  |
| -0625            | -0740 | -0577 | -065  | -060  | -0570 | -0565 |
| -060             | -0735 | -055  | -063  | -0575 | -0535 | -053  |
| -0575            | -0730 | -052  | -061  | -055  | -050  |       |
| GV               | GW    | GX    | GY    | GZ    |       |       |
| -089             | -089  | -089  | -089  | -089  |       |       |
| -0855            | -085  | -0855 | -0855 | -0855 |       |       |
| -0836            | -083  | -0835 | -0832 | -0835 |       |       |
| -082             | -080  | -0815 | -0812 | -0811 |       |       |
| -0804            | -0775 | -0795 | -079  | -0788 |       |       |
| -080             | -076  | -0775 | -077  | -0765 |       |       |
| -0796            | -0745 | -0755 | -0753 | -0742 |       |       |
| -0793            | -073  | -0735 | -074  | -072  |       |       |
| -0793            | -0715 | -072  | -073  | -0698 |       |       |
| -0793            | -070  | -070  | -072  | -0676 |       |       |
| -0793            | -0685 | -068  | -071  | -0655 |       |       |
| -0793            | -067  | -066  | -070  | -0631 |       |       |
| -0793            | -066  | -064  | -069  | -061  |       |       |
| HI               | H2    | H4    | H6    | HA    | HB    | HC    |
| -088             | -088  | -089  | -089  | -089  | -089  | -089  |
| -085             | -085  | -085  | -0855 | -085  | -085  | -0855 |
| -082             | -082  | -081  | -082  | -0825 | -0825 | -0822 |
| -0792            | -0792 | -0778 | -080  | -0805 | -0805 | -0805 |
| -0762            | -0762 | -076  | -078  | -0785 | -0785 | -0785 |
| -0735            | -0735 | -0741 | -076  | -077  | -0776 | -077  |
| -0707            | -0707 | -072  | -074  | -0756 | -0764 | -0755 |
| -0686            | -0684 | -0702 | -072  | -074  | -0752 | -0751 |
| -0665            | -0661 | -0683 | -070  | -0727 | -0743 | -0747 |
| -0644            | -0638 | -0663 | -068  | -0711 | -0732 | -0743 |
| -0622            | -0615 | -064  | -066  | -0698 | -072  | -0739 |
| -0601            | -0592 | -062  | -064  | -068  | -071  | -0735 |
| -058             | -057  |       |       | -067  | -070  |       |
| HD               | HE    | HF    | HV2   | HV3   | HV4   |       |
| -089             | -090  | -090  | -089  | -089  | -089  |       |
| -0855            | -0845 | -0845 | -084  | -084  | -084  |       |
| -0825            | -0817 | -082  | -080  | -080  | -080  |       |
| -081             | -080  | -0805 | -0778 | -078  | -0782 |       |
| -0795            | -0787 | -0797 | -0756 | -076  | -0764 |       |
| -078             | -078  | -079  | -0734 | -074  | -0746 |       |
| -0766            | -0776 | -0787 | -0712 | -072  | -0728 |       |
| -0762            | -0772 | -0784 | -069  | -070  | -071  |       |
| -0758            | -0769 | -078  | -0668 | -068  | -0692 |       |
| -0754            | -0766 | -0776 | -0646 | -066  | -0674 |       |
| -0751            | -0763 | -0774 | -0626 | -064  | -0656 |       |
| -0748            | -0759 | -077  | -0602 | -062  | -0638 |       |
|                  | -0755 | -0766 | -058  | -060  | -062  |       |

| -090 JET NEEDLES |       |       |       |        |       |       |
|------------------|-------|-------|-------|--------|-------|-------|
| JM               |       |       |       |        |       |       |
| -089             |       |       |       |        |       |       |
| -085             |       |       |       |        |       |       |
| -081             |       |       |       |        |       |       |
| -078             |       |       |       |        |       |       |
| -0752            |       |       |       |        |       |       |
| -0729            |       |       |       |        |       |       |
| -0702            |       |       |       |        |       |       |
| -068             |       |       |       |        |       |       |
| -0653            |       |       |       |        |       |       |
| -0627            |       |       |       |        |       |       |
| -060             |       |       |       |        |       |       |
| -059             |       |       |       |        |       |       |
| -058             |       |       |       |        |       |       |
| L                | LI1   | LI2   | LS    | LS1    |       |       |
| -089             | -089  | -089  | -088  | -088   |       |       |
| -085             | -084  | -085  | -085  | -085   |       |       |
| -081             | -0801 | -081  | -080  | -080   |       |       |
| -079             | -0772 | -078  | -077  | -0765  |       |       |
| -077             | -0745 | -0755 | -0735 | -073   |       |       |
| -075             | -0722 | -073  | -0705 | -071   |       |       |
| -0735            | -0702 | -0702 | -068  | -0798  |       |       |
| -072             | -0675 | -0675 | -0658 | -0678  |       |       |
| -071             | -065  | -065  | -0636 | -066   |       |       |
| -070             | -0625 | -0625 | -0613 | -064   |       |       |
| -069             | -060  | -060  | -059  | -062   |       |       |
| -068             | -0575 | -0575 | -057  | -060   |       |       |
|                  | -055  | -055  | -055  | -058   |       |       |
| M                | M1    | M2    | M5    | M6     | M7    | M8    |
| -089             | -089  | -089  | -089  | -089   | -089  | -089  |
| -0855            | -085  | -085  | -085  | -085   | -085  | -086  |
| -0832            | -0817 | -0817 | -0817 | -0817  | -0822 | -0827 |
| -0808            | -0796 | -080  | -0792 | -0801  | -0807 | -0812 |
| -0785            | -0777 | -0785 | -0776 | -0786  | -0792 | -0797 |
| -0763            | -0757 | -0765 | -076  | -077   | -0777 | -0782 |
| -0745            | -0737 | -0745 | -0745 | -0754  | -0762 | -0767 |
| -0726            | -0717 | -0725 | -0729 | -0738  | -0747 | -0752 |
| -0707            | -0698 | -0705 | -0712 | -0723  | -0732 | -0737 |
| -0688            | -0678 | -0688 | -0696 | -0707  | -0717 | -0722 |
| -0669            | -0659 | -0669 | -068  | -0691  | -0702 | -0707 |
| -065             | -064  | -0665 | -0666 | -0676  | -0687 | -0692 |
| M9               | MA    | MB    | MME   | MO     | MOW   | MW    |
| -089             | -089  | -089  | -089  | -089   | -089  | -089  |
| -085             | -085  | -085  | -085  | -0855  | -0855 | -0855 |
| -0827            | -0817 | -0815 | -0813 | -0835  | -0837 | -084  |
| -081             | -0795 | -079  | -078  | -0815  | -082  | -0825 |
| -0792            | -078  | -0767 | -074  | -080   | -0808 | -0813 |
| -0777            | -0765 | -074  | -0707 | -07875 | -0795 | -0803 |
| -0762            | -075  | -0715 | -0673 | -0775  | -0783 | -0792 |
| -0747            | -0735 | -068  | -0636 | -07625 | -077  | -078  |
| -0732            | -072  | -0653 | -060  | -075   | -0758 | -0768 |
| -0717            | -0705 | -0627 | -0563 | -07375 | -0745 | -0757 |
| -0702            | -069  | -060  | -053  | -0725  | -0732 | -0746 |
| -0687            | -0675 | -059  | -0495 | -07125 | -072  | -0735 |
|                  |       | -058  | -046  |        |       |       |

| -090 JET NEEDLES |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|
| 1                | 2     | 3     | 4     | 5     | 6     | 7     |
| -089             | -089  | -089  | -089  | -089  | -089  | -089  |
| -085             | -085  | -085  | -085  | -085  | -085  | -085  |
| -0814            | -0814 | -0814 | -0814 | -0814 | -0814 | -0814 |
| -0785            | -0785 | -0785 | -0785 | -0785 | -0785 | -0785 |
| -077             | -0767 | -0765 | -0761 | -0758 | -0755 | -0755 |
| -0755            | -0749 | -0744 | -0737 | -0733 | -0725 | -072  |
| -074             | -0732 | -0723 | -0714 | -0705 | -0696 | -0686 |
| -0725            | -0714 | -0703 | -0692 | -068  | -0666 | -065  |
| -071             | -0696 | -0683 | -0668 | -0653 | -0636 | -062  |
| -0695            | -0678 | -0661 | -0645 | -0627 | -0606 | -0587 |
| -068             | -066  | -064  | -062  | -060  | -0577 | -0553 |
| -067             | -065  | -063  | -061  | -059  | -055  | -052  |
| -066             | -064  | -062  | -060  | -058  | -052  | -049  |
| 20               | 21    | 24    | 24A   | 24B   | 61    | 62    |
| -089             | -089  | -088  | -088  | -088  | -089  | -089  |
| -0855            | -0855 | -0845 | -0845 | -0845 | -085  | -085  |
| -0822            | -0827 | -0815 | -0815 | -0815 | -0805 | -081  |
| -0792            | -080  | -0785 | -0785 | -0795 | -0775 | -078  |
| -076             | -0775 | -0755 | -076  | -0775 | -0745 | -075  |
| -073             | -075  | -0725 | -0738 | -0755 | -0725 | -0734 |
| -0703            | -0723 | -0702 | -0716 | -0735 | -0709 | -0719 |
| -0677            | -0697 | -0682 | -0698 | -0715 | -069  | -070  |
| -0647            | -0671 | -0667 | -068  | -0695 | -067  | -0685 |
| -0624            | -0646 | -065  | -066  | -0675 | -0635 | -067  |
| -060             | -0628 | -0636 | -064  | -0655 | -0635 | -065  |
| -058             | -0608 | -0625 | -062  | -0635 | -062  | -0635 |
| -056             | -059  | -061  | -060  | -0615 | -060  | -062  |
| 69               | 80    | 81    |       |       |       |       |
| -089             | -089  | -089  |       |       |       |       |
| -085             | -085  | -085  |       |       |       |       |
| -0805            | -080  | -080  |       |       |       |       |
| -0785            | -078  | -077  |       |       |       |       |
| -0765            | -0758 | -0742 |       |       |       |       |
| -075             | -0733 | -0719 |       |       |       |       |
| -074             | -0705 | -0699 |       |       |       |       |
| -073             | -068  | -068  |       |       |       |       |
| -072             | -0653 | -0653 |       |       |       |       |
| -071             | -0627 | -0627 |       |       |       |       |
| -070             | -060  | -060  |       |       |       |       |
| -069             | -059  | -059  |       |       |       |       |
|                  | -058  | -058  |       |       |       |       |
| O7               |       |       |       |       |       |       |
| -089             |       |       |       |       |       |       |
| -085             |       |       |       |       |       |       |
| -0815            |       |       |       |       |       |       |
| -0795            |       |       |       |       |       |       |
| -078             |       |       |       |       |       |       |
| -077             |       |       |       |       |       |       |
| -076             |       |       |       |       |       |       |
| -075             |       |       |       |       |       |       |
| -074             |       |       |       |       |       |       |
| -073             |       |       |       |       |       |       |
| -072             |       |       |       |       |       |       |
| -071             |       |       |       |       |       |       |

| -090 JET NEEDLES |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|
| P4               | P6    | P61   | PJ    |       |       |       |
| -088             | -088  | -088  | -089  |       |       |       |
| -0845            | -0845 | -0845 | -085  |       |       |       |
| -081             | -081  | -081  | -0822 |       |       |       |
| -0785            | -0775 | -077  | -0807 |       |       |       |
| -0755            | -0738 | -0746 | -0795 |       |       |       |
| -073             | -0703 | -0715 | -079  |       |       |       |
| -070             | -067  | -0684 | -0785 |       |       |       |
| -0675            | -0638 | -0653 | -078  |       |       |       |
| -0645            | -0603 | -062  | -0775 |       |       |       |
| -06175           | -057  | -059  | -077  |       |       |       |
| -059             | -054  | -056  | -0765 |       |       |       |
| -0562            | -0505 | -053  | -076  |       |       |       |
| -0535            | -0473 | -050  |       |       |       |       |
| QA               | QW    |       |       |       |       |       |
| -089             | -089  |       |       |       |       |       |
| -085             | -085  |       |       |       |       |       |
| -082             | -0825 |       |       |       |       |       |
| -0796            | -0802 |       |       |       |       |       |
| -077             | -0781 |       |       |       |       |       |
| -0745            | -0755 |       |       |       |       |       |
| -072             | -0731 |       |       |       |       |       |
| -0695            | -0708 |       |       |       |       |       |
| -0668            | -0685 |       |       |       |       |       |
| -0642            | -066  |       |       |       |       |       |
| -0615            | -0636 |       |       |       |       |       |
| -059             | -0613 |       |       |       |       |       |
| -0565            | -059  |       |       |       |       |       |
| R3               | R3/2  | R6    | RLB   | RLS   | RO    | RS    |
| -089             | -088  | -089  | -089  | -089  | -089  | -089  |
| -085             | -084  | -085  | -085  | -085  | -085  | -085  |
| -0805            | -0805 | -081  | -081  | -0804 | -081  | -0823 |
| -0776            | -0776 | -077  | -077  | -076  | -077  | -081  |
| -0759            | -0759 | -0732 | -0732 | -0725 | -074  | -0803 |
| -074             | -074  | -070  | -0693 | -0692 | -071  | -0795 |
| -0722            | -0722 | -0665 | -066  | -066  | -0685 | -0786 |
| -0703            | -0703 | -063  | -0626 | -0626 | -066  | -078  |
| -0687            | -0687 | -060  | -0592 | -0592 | -0633 | -0775 |
| -067             | -067  | -057  | -056  | -056  | -0605 | -077  |
| -065             | -065  | -054  | -0526 | -0526 | -058  | -0765 |
| -0632            | -0632 | -051  | -0495 | -0495 | -0558 | -076  |
|                  |       | -048  | -046  | -046  | -053  |       |
| S                | S4    | S5    | S6    |       |       |       |
| -089             | -0895 | -0895 | -089  |       |       |       |
| -085             | -0852 | -0852 | -085  |       |       |       |
| -0822            | -082  | -0815 | -0805 |       |       |       |
| -0806            | -079  | -078  | -077  |       |       |       |
| -079             | -0765 | -0753 | -0743 |       |       |       |
| -0774            | -0744 | -073  | -0715 |       |       |       |
| -0758            | -0722 | -0707 | -069  |       |       |       |
| -074             | -070  | -0684 | -0666 |       |       |       |
| -0724            | -0677 | -0663 | -064  |       |       |       |
| -0708            | -0656 | -0639 | -062  |       |       |       |
| -069             | -0634 | -0616 | -059  |       |       |       |
| -0675            | -0612 | -0593 | -0568 |       |       |       |
|                  | -059  | -057  | -0545 |       |       |       |

| -090 JET NEEDLES |       |       |  |  |  |  |
|------------------|-------|-------|--|--|--|--|
| TB               |       |       |  |  |  |  |
| -089             |       |       |  |  |  |  |
| -085             |       |       |  |  |  |  |
| -081             |       |       |  |  |  |  |
| -078             |       |       |  |  |  |  |
| -075             |       |       |  |  |  |  |
| 073              |       |       |  |  |  |  |
| 071              |       |       |  |  |  |  |
| -0698            |       |       |  |  |  |  |
| -0678            |       |       |  |  |  |  |
| -066             |       |       |  |  |  |  |
| -064             |       |       |  |  |  |  |
| -062             |       |       |  |  |  |  |
| -060             |       |       |  |  |  |  |
| V2               | V3    | VS    |  |  |  |  |
| -089             | -089  | -089  |  |  |  |  |
| -085             | -085  | -085  |  |  |  |  |
| -082             | -0826 | -081  |  |  |  |  |
| -0795            | -0804 | -077  |  |  |  |  |
| -0775            | -0783 | -0748 |  |  |  |  |
| -0756            | -0764 | -0725 |  |  |  |  |
| -0738            | -0746 | -071  |  |  |  |  |
| -0718            | -0726 | -0695 |  |  |  |  |
| -0698            | -0706 | -068  |  |  |  |  |
| -0678            | -0686 | -0665 |  |  |  |  |
| -0658            | -0666 | -065  |  |  |  |  |
| -064             | -0646 | -0635 |  |  |  |  |
| W3               | WX    | WXI   |  |  |  |  |
| -088             | -089  | -089  |  |  |  |  |
| -083             | -085  | -085  |  |  |  |  |
| -0805            | -0814 | -082  |  |  |  |  |
| -078             | -0785 | -0795 |  |  |  |  |
| -0763            | -0775 | -0777 |  |  |  |  |
| -0745            | -0765 | -0765 |  |  |  |  |
| -073             | -0755 | -0755 |  |  |  |  |
| -071             | -0746 | -0746 |  |  |  |  |
| -0694            | -0736 | -0736 |  |  |  |  |
| -0677            | -0728 | -0728 |  |  |  |  |
| -066             | -0718 | -0718 |  |  |  |  |
| -065             | -0709 | -0709 |  |  |  |  |

| -100 JET NEEDLES    |                     |       |  |  |  |  |
|---------------------|---------------------|-------|--|--|--|--|
| A9                  |                     |       |  |  |  |  |
| -098                |                     |       |  |  |  |  |
| -0946               |                     |       |  |  |  |  |
| -0913               |                     |       |  |  |  |  |
| -088                |                     |       |  |  |  |  |
| -085                |                     |       |  |  |  |  |
| -0834               |                     |       |  |  |  |  |
| -0818               |                     |       |  |  |  |  |
| -0802               |                     |       |  |  |  |  |
| -0787               |                     |       |  |  |  |  |
| -077                |                     |       |  |  |  |  |
| -0755               |                     |       |  |  |  |  |
| -074                |                     |       |  |  |  |  |
| -0722               |                     |       |  |  |  |  |
| -0706               |                     |       |  |  |  |  |
| BC                  |                     |       |  |  |  |  |
| -099                |                     |       |  |  |  |  |
| -095                |                     |       |  |  |  |  |
| -091                |                     |       |  |  |  |  |
| -088                |                     |       |  |  |  |  |
| -085                |                     |       |  |  |  |  |
| -0825               |                     |       |  |  |  |  |
| -0803               |                     |       |  |  |  |  |
| -0785               |                     |       |  |  |  |  |
| -0765               |                     |       |  |  |  |  |
| -075                |                     |       |  |  |  |  |
| -073                |                     |       |  |  |  |  |
| -072                |                     |       |  |  |  |  |
| -071                |                     |       |  |  |  |  |
| -070                |                     |       |  |  |  |  |
| CI                  | CIW                 | CV    |  |  |  |  |
| -099                | -099                | -099  |  |  |  |  |
| -095                | -0955               | -094  |  |  |  |  |
| -0916               | -093                | -090  |  |  |  |  |
| -0889               | -0905               | -0867 |  |  |  |  |
| -0861               | -0875               | -084  |  |  |  |  |
| -084                | -0856               | -0815 |  |  |  |  |
| -0818               | -0836               | -0795 |  |  |  |  |
| -0796               | -0819               | -0775 |  |  |  |  |
| -0778               | -080                | -076  |  |  |  |  |
| -076                | -078                | -0745 |  |  |  |  |
| -074                | -076                | -0732 |  |  |  |  |
| -073                | -0752               | -072  |  |  |  |  |
| -072                | -0746               | -071  |  |  |  |  |
| -071                | -074                | -070  |  |  |  |  |
| DF                  | DG                  |       |  |  |  |  |
| 100                 | -100                |       |  |  |  |  |
| -098- $\frac{1}{8}$ | -098- $\frac{1}{8}$ |       |  |  |  |  |
| -096                | -096                |       |  |  |  |  |
| -091                | -0905               |       |  |  |  |  |
| -088                | -087                |       |  |  |  |  |
| -085                | -0836               |       |  |  |  |  |
| -082                | -0804               |       |  |  |  |  |
| -0782               | -0772               |       |  |  |  |  |
| -075                | -074                |       |  |  |  |  |
| -0725               | -071                |       |  |  |  |  |
| -070                | -0689               |       |  |  |  |  |
| -0685               | -067                |       |  |  |  |  |
| -067                | -0653               |       |  |  |  |  |
| -0655               | -0636               |       |  |  |  |  |
| -064                | -062                |       |  |  |  |  |

# -100 JET NEEDLES

| GK    |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|
| -100  |       |       |       |       |       |       |
| -094  |       |       |       |       |       |       |
| -089  |       |       |       |       |       |       |
| -085  |       |       |       |       |       |       |
| -081  |       |       |       |       |       |       |
| -078  |       |       |       |       |       |       |
| -075  |       |       |       |       |       |       |
| -072  |       |       |       |       |       |       |
| -069  |       |       |       |       |       |       |
| -066  |       |       |       |       |       |       |
| -063  |       |       |       |       |       |       |
| -060  |       |       |       |       |       |       |
| -057  |       |       |       |       |       |       |
| -054  |       |       |       |       |       |       |
| K     | K.A   | KB    | KI    | KT    | KT.A  | KW    |
| -100  | -099  | -099  | -098  | -100  | -100  | -100  |
| -095  | -095  | -095  | -094  | -095  | -095  | -095  |
| -0905 | -092  | -0917 | -090  | -0905 | -0895 | -091  |
| -0865 | -0895 | -090  | -0865 | -087  | -0865 | -0877 |
| -083  | -0876 | -0886 | -083  | -0845 | -0835 | -084  |
| -080  | -0855 | -0872 | -080  | -0822 | -0815 | -0805 |
| -0777 | -0835 | -086  | -0777 | -0802 | -0802 | -077  |
| -076  | -0814 | -085  | -076  | -079  | -0788 | -073  |
| -074  | -0793 | -0845 | -074  | -0775 | -0775 | -0695 |
| -0722 | -0784 | -084  | -0722 | -076  | -076  | -0661 |
| -0705 | -078  | -0835 | -0705 | -075  | -075  | -063  |
| -0685 | -078  | -083  | -0685 | -074  | -074  | -060  |
| -0667 | -078  | -0825 | -0667 | -073  | -073  | -057  |
| -065  | -078  |       | -065  | -072  | -072  | -054  |
| KW1   | KW2   | KWR   |       |       |       |       |
| -100  | -100  | -100  |       |       |       |       |
| -095  | -095  | -095  |       |       |       |       |
| -0915 | -0905 | -090  |       |       |       |       |
| -0885 | -0875 | -087  |       |       |       |       |
| -0851 | -0845 | -084  |       |       |       |       |
| -082  | -0815 | -081  |       |       |       |       |
| -079  | -0788 | -0786 |       |       |       |       |
| -076  | -076  | -076  |       |       |       |       |
| -0728 | -0728 | -0728 |       |       |       |       |
| -0695 | -0695 | -0695 |       |       |       |       |
| -0663 | -0663 | -0663 |       |       |       |       |
| -063  | -063  | -063  |       |       |       |       |
| -060  | -060  | -060  |       |       |       |       |
| -057  | -057  | -057  |       |       |       |       |
| LBI   | LB2   | LFN   | LBA   |       | MC    |       |
| -100  | -100  | -099  | -100  |       | -100  |       |
| -096  | -095  | -094  | -096  |       | -095  |       |
| -0925 | -091  | -0885 | -093  |       | -0915 |       |
| -0895 | -0895 | -085  | -0906 |       | -0885 |       |
| -087  | -086  | -0815 | -0883 |       | -0851 |       |
| -085  | -084  | -078  | -0863 |       | -082  |       |
| -083  | -0825 | -075  | -0848 |       | -079  |       |
| -082  | -0815 | -0723 | -0839 |       | -076  |       |
| -081  | -0805 | -0695 | -0830 |       | -0728 |       |
| -080  | -0795 | -0668 | -0821 |       | -0684 |       |
| -079  | -0785 | -064  | -0812 |       | -064  |       |
| -078  | -0775 | -061  | -0804 |       | -060  |       |
| -077  | -0765 | -0585 | -0796 |       | -0555 |       |
| -076  | -0755 | -0556 | -0788 |       | -051  |       |

# -100 JET NEEDLES

| 53    | 55    | 58    |       | OA6   | OA7   | OA8   |
|-------|-------|-------|-------|-------|-------|-------|
| -100  | -100  | -100  |       | -100  | -100  | -100  |
| -095  | -095  | -095  |       | -096  | -096  | -097  |
| -090  | -090  | -090  |       | -0917 | -093  | -094  |
| -0858 | -0858 | -0858 |       | -0887 | -0902 | -0913 |
| -0815 | -0815 | -0815 |       | -0856 | -0872 | -0888 |
| -0777 | -078  | -078  |       | -0825 | -0843 | -086  |
| -0738 | -074  | -0744 |       | -0794 | -0814 | -0835 |
| -070  | -070  | -0712 |       | -0762 | -0786 | -0808 |
| -0668 | -067  | -0685 |       | -0731 | -0757 | -0782 |
| -0636 | -064  | -066  |       | -070  | -0727 | -0755 |
| -0606 | -062  | -064  |       | -067  | -070  | -073  |
| -0579 | -060  | -062  |       | -064  | -067  | -0702 |
| -0552 | -057  | -060  |       | -061  | -064  | -0675 |
| -053  | -055  | -058  |       | -058  | -061  | -065  |
| RA    | RB    | RC    | RD    | RE    | RF    | RG    |
| -100  | -099  | -099  | -099  | -099  | -100  | -100  |
| -094  | -095  | -0946 | -095  | -095  | -095  | -095  |
| -088  | -0907 | -090  | -090  | -092  | -090  | -0905 |
| -083  | -0866 | -0855 | -0865 | -089  | -0863 | -087  |
| -0785 | -0825 | -081  | -0835 | -0856 | -0825 | -0836 |
| -0753 | -0784 | -0765 | -081  | -0805 | -0788 | -0802 |
| -0722 | -074  | -072  | -079  | -0753 | -075  | -0768 |
| -069  | -070  | -0674 | -077  | -0712 | -0712 | -0732 |
| -0658 | -0657 | -0627 | -0757 | -0670 | -0675 | -070  |
| -0627 | -0615 | -0583 | -0742 | -0628 | -0637 | -0665 |
| -0595 | -0575 | -0537 | -073  | -0587 | -060  | -0630 |
| -0564 | -0532 | -0492 | -0715 | -0543 | -057  | -060  |
| -053  | -049  | -0446 | -0703 | -0501 | -054  | -057  |
| -050  | -045  | -040  | -069  | -0460 | -051  | -054  |
| RH    | RI    | RJ    | RK    | RL    | RN    | RP    |
| -100  | -099  | -100  | -100  | -100  | -099  | -099  |
| -095  | -095  | -095  | -095  | -095  | -095  | -095  |
| -0915 | -0912 | -0910 | -0915 | -0920 | -092  | -0905 |
| -0878 | -0881 | -087  | -088  | -089  | -089  | -087  |
| -0846 | -0846 | -0844 | -0854 | -086  | -0859 | -085  |
| -0813 | -0804 | -0818 | -0830 | -0835 | -0808 | -0832 |
| -078  | -0763 | -0792 | -0805 | -0810 | -076  | -082  |
| -075  | -0722 | -0766 | -0780 | -0785 | -0721 | -0815 |
| -072  | -067  | -0740 | -0756 | -0760 | -0688 | -0809 |
| -069  | -0605 | -0714 | -0732 | -0735 | -0651 | -080  |
| -066  | -0567 | -0688 | -0708 | -0710 | -0617 | -0794 |
| -063  | -0525 | -0662 | -0683 | -0685 | -0581 | -0786 |
| -060  | -049  | -0630 | -066  | -0660 | -0547 | -0778 |
| -057  |       | -0610 | -0635 | -0635 | -0510 | -077  |
| RR    | RU    | RV    |       |       |       |       |
| -099  | -100  | -100  |       |       |       |       |
| -095  | -095  | -095  |       |       |       |       |
| -0922 | -089  | -089  |       |       |       |       |
| -0895 | -084  | -084  |       |       |       |       |
| -086  | -081  | -081  |       |       |       |       |
| -0808 | -0785 | -0785 |       |       |       |       |
| -076  | -0756 | -0755 |       |       |       |       |
| -0721 | -0733 | -073  |       |       |       |       |
| -0688 | -071  | -070  |       |       |       |       |
| -0651 | -0688 | -067  |       |       |       |       |
| -0617 | -066  | -0645 |       |       |       |       |
| -0581 | -0636 | -0618 |       |       |       |       |
| -0547 | -061  | -059  |       |       |       |       |
| -051  | -059  | -056  |       |       |       |       |

| -100 JET NEEDLES |       |       |       |       |        |       |
|------------------|-------|-------|-------|-------|--------|-------|
| SA               | SB    | SC    | SD    | SE    | SF     | SG    |
| -099             | -099  | -100  | -100  | -100  | -100   | -100  |
| -095             | -095  | -095  | -095  | -095  | -095   | -095  |
| -0915            | -091  | -0915 | -0912 | -0915 | -09125 | -0917 |
| -0885            | -0875 | -0882 | -088  | -0903 | -0895  | -090  |
| -086             | -084  | -0865 | -0862 | -0888 | -08825 | -0887 |
| -084             | -080  | -0845 | -0842 | -087  | -087   | -0878 |
| -0815            | -076  | -0823 | -0822 | -0852 | -08575 | -0869 |
| -079             | -072  | -080  | -080  | -0845 | -085   | -0862 |
| -0768            | -0695 | -079  | -079  | -084  | -0845  | -0859 |
| -0743            | -067  | -078  | -078  | -084  | -084   | -0855 |
| -072             | -064  | -077  | -077  | -084  | -084   | -0855 |
| -070             | -062  | -076  | -076  | -084  | -084   | -0855 |
| -068             | -059  | -075  | -075  | -084  | -084   | -0855 |
| -066             | -057  | -074  | -074  | -084  | -084   | -0855 |
| SH               | SJ    | SK    | SL    | SM    | SN     | SO    |
| -099             | -099  | -099  | -099  | -099  | -099   | -100  |
| -0952            | -095  | -0954 | -095  | -095  | -095   | -096  |
| -0917            | -092  | -093  | -092  | -0915 | -0915  | -092  |
| -0885            | -0895 | -090  | -089  | -0885 | -0885  | -089  |
| -0865            | -0875 | -0867 | -0867 | -0855 | -0865  | -086  |
| -0845            | -0855 | -0833 | -0833 | -0825 | -0845  | -083  |
| -082             | -0835 | -080  | -080  | -0795 | -0835  | -0804 |
| -0793            | -0815 | -077  | -077  | -0765 | -082   | -0778 |
| -077             | -0792 | -074  | -074  | -0735 | -080   | -075  |
| -0743            | -077  | -0714 | -0714 | -071  | -078   | -0743 |
| -0722            | -075  | -0695 | -0695 | -069  | -0765  | -0737 |
| -070             | -073  | -0676 | -0676 | -067  | -075   | -073  |
| -068             | -071  | -065  | -065  | -065  | -074   | -0722 |
| -066             | -069  |       | -063  | -063  | -073   |       |
| SP               | SQ    | SR    | SS    | ST    | SU     | SV    |
| -099             | 100   | -099  | -099  | -099  | -099   | -099  |
| -095             | -095  | -095  | -0945 | -095  | -095   | -0955 |
| -0915            | -0915 | -092  | -0905 | -0925 | -0992  | -0923 |
| -0892            | -088  | -089  | -086  | -0895 | -0868  | -089  |
| -0871            | -0854 | -086  | -084  | -087  | -0834  | -0867 |
| -0852            | -083  | -083  | -080  | -0852 | -0802  | -0845 |
| -0834            | -0812 | -0804 | -0755 | -0831 | -0764  | -0818 |
| -0810            | -0794 | -0778 | -0715 | -0805 | -0728  | -079  |
| -0786            | -0775 | -075  | -0655 | -0787 | -069   | -0755 |
| -0762            | -0757 | -0743 | -059  | -077  | -0655  | -072  |
| -0738            | -0738 | -0737 | -0535 | -0753 | -062   | -0685 |
| -0714            | -0719 | -073  | -0485 | -0737 | -0586  | -0665 |
| -069             | -070  | -0722 | -045  | -071  | -0552  | -0635 |
| -0666            | -068  | -0715 | -042  | -069  | -0518  | -064  |
| SW               | SX    | SY    | SZ    |       |        |       |
| -099             | -099  | -099  | -099  |       |        |       |
| -0955            | -095  | -095  | -0945 |       |        |       |
| -0925            | -0902 | -091  | -0903 |       |        |       |
| -088             | -0868 | -0875 | -0858 |       |        |       |
| -086             | -084  | -0855 | -0837 |       |        |       |
| -084             | -0808 | -0825 | -0798 |       |        |       |
| -082             | -0774 | -078  | -0753 |       |        |       |
| -0795            | -0744 | -075  | -0707 |       |        |       |
| -077             | -0713 | -069  | -0643 |       |        |       |
| -0745            | -0686 | -063  | -0570 |       |        |       |
| -072             | -0657 | -0575 | -0508 |       |        |       |
| -0695            | -063  | -0525 | -0470 |       |        |       |
| -067             | -060  | -049  | -0445 |       |        |       |
| -0645            | -0572 | -046  | -0420 |       |        |       |

| -100 JET NEEDLES |       |       |       |       |        |       |
|------------------|-------|-------|-------|-------|--------|-------|
| TA               | TC    | TD    | TE    | TF    | TG     | TH    |
| -099             | -099  | -099  | -099  | -099  | -099   | -096  |
| -095             | -095  | -095  | -095  | -096  | -095   | -092  |
| -0915            | -0915 | -0925 | -092  | -0925 | -0922  | -0908 |
| -0882            | -089  | -090  | -0895 | -089  | -0895  | -0893 |
| -0867            | -087  | -0875 | -087  | -0855 | -0878  | -0878 |
| -0852            | -085  | -0845 | -0837 | -082  | -0862  | -0863 |
| -0831            | -0832 | -0803 | -0805 | -0782 | -0847  | -0848 |
| -0805            | -0825 | -077  | -076  | -0748 | -0837  | -0825 |
| -0787            | -0815 | -073  | -0715 | -0714 | -0827  | -074  |
| -0770            | -0805 | -0678 | -067  | -068  | -0818  | -065  |
| -0753            | -0795 | -0631 | -0625 | -0645 | -0812  | -055  |
| -0737            | -0785 | -0585 | -058  | -061  | -0806  | -049  |
| -0710            | -0775 | -0538 | -0535 | -0575 | -0800  | -044  |
| -0690            | -0765 | -049  | -049  | -054  | -0794  | -040  |
| TJ               | TK    | TL    | TM    | TN    | TO     | TP    |
| -099             | -099  | -099  | -099  | -099  | -099   | -099  |
| -095             | -095  | -095  | -095  | -0945 | -095   | -0955 |
| -092             | -092  | -092  | -092  | -091  | -092   | -092  |
| -0895            | -090  | -089  | -0894 | -087  | -0893  | -090  |
| -0877            | -0885 | -086  | -0867 | -085  | -0865  | -0875 |
| -086             | -087  | -0835 | -0842 | -082  | -0845  | -0856 |
| -0845            | -086  | -081  | -0814 | -078  | -083   | -0836 |
| -084             | -0855 | -0793 | -0785 | -073  | -082   | -0819 |
| -083             | -0845 | -0776 | -0775 | -0665 | -081   | -080  |
| -082             | -0835 | -0759 | -077  | -060  | -080   | -078  |
| -081             | -0825 | -0746 | -077  | -0535 | -079   | -076  |
| -080             | -0815 | -0733 | -077  | -050  | -078   | -0752 |
| -079             | -0805 | -072  | -077  | -0475 | -077   | -0746 |
| -078             | -0795 | -071  | -077  | -045  | -076   | -074  |
| TR               | TS    | TT    | TU    | TW    | TX     | TY    |
| -099             | -099  | -0989 | -099  | -099  | -099   | -099  |
| -095             | -095  | -0941 | -095  | -095  | -095   | -095  |
| -092             | -0915 | -0904 | -091  | -0925 | -091   | -0918 |
| -089             | -088  | -0883 | -088  | -0895 | -0894  | -0887 |
| -0869            | -0853 | -0861 | -085  | -087  | -0867  | -086  |
| -084             | -0823 | -0825 | -083  | -0852 | -0842  | -0836 |
| -0817            | -0812 | -0799 | -081  | -0831 | -0814  | -0825 |
| -0791            | -0782 | -078  | -0793 | -0805 | -0785  | -0805 |
| -0765            | -0742 | -0766 | -0776 | -0775 | -078   | -0775 |
| -0738            | -0710 | -0748 | -0759 | -075  | -078   | -075  |
| -071             | -0675 | -0733 | -0746 | -0722 | -078   | -0722 |
| -0685            | -061  | -0721 | -0733 | -070  | -078   | -070  |
| -063             | -055  | -0715 | -072  | -068  | -078   | -068  |
| -062             | -049  |       | -071  | -066  | -078   | -066  |
| TZ               |       |       |       | WO1   | WO3    | WO4   |
| -099             |       |       |       | -100  | -100   | -100  |
| -095             |       |       |       | -095  | -095   | -095  |
| -0915            |       |       |       | -091  | -091   | -090  |
| -0893            |       |       |       | -087  | -08775 | -086  |
| -087             |       |       |       | -0835 | -0845  | -082  |
| -0847            |       |       |       | -081  | -0822  | -0794 |
| -0827            |       |       |       | -0785 | -080   | -0768 |
| -0805            |       |       |       | -076  | -078   | -074  |
| -0787            |       |       |       | -0732 | -0755  | -0712 |
| -077             |       |       |       | -071  | -0735  | -069  |
| -0753            |       |       |       | -0683 | -0712  | -066  |
| -0737            |       |       |       | -0657 | -069   | -0634 |
| -071             |       |       |       | -063  | -067   | -061  |
| -069             |       |       |       | -061  | -065   | -058  |

| -100 JET NEEDLES |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|
| ZB               | ZC    | ZD    | ZE    | ZF    | ZG    | ZH    |
| -099             | -099  | -099  | -099  | -099  | -099  | -099  |
| -095             | -095  | -095  | -095  | -095  | -095  | -095  |
| -0915            | -091  | -090  | -0895 | -089  | -089  | -0915 |
| -089             | -088  | -865  | -0858 | -085  | -0845 | -0893 |
| -0865            | -0855 | -084  | -083  | -0821 | -0815 | -087  |
| -084             | -083  | -0815 | -0805 | -0798 | -079  | -0847 |
| -082             | -081  | -079  | -0782 | -0775 | -0765 | -082  |
| -0795            | -0785 | -077  | -076  | -075  | -074  | -0795 |
| -0775            | -0765 | -0745 | -0732 | -072  | -071  | -0775 |
| -0755            | -0745 | -072  | -0703 | -0687 | -0675 | -0755 |
| -0735            | -0725 | -069  | -0673 | -065  | -063  | -0735 |
| -071             | -0695 | -065  | -0629 | -0608 | -059  | -0715 |
| -067             | -065  | -0605 | -0584 | -0563 | -054  | -0695 |
| -063             | -0605 | -056  | -054  | -052  | -050  | -0675 |
| -059             | -056  | -0515 | -0495 | -0475 | -045  |       |

| -125 JET NEEDLES |       |       |       |       |       |       |
|------------------|-------|-------|-------|-------|-------|-------|
| UA               | UB    | UC    | UD    | UE    | UF    | UG    |
| -124             | -124  | -124  | -124  | -124  | -124  | -124  |
| -1205            | -120  | -1205 | -1205 | -1205 | -1205 | -1205 |
| -1175            | -1165 | -118  | -1178 | -1155 | -1163 | -116  |
| -1146            | -113  | -1153 | -1158 | -1135 | -113  | -112  |
| -1117            | -111  | -1128 | -114  | -1112 | -1106 | -1084 |
| -1074            | -109  | -1107 | -1126 | -109  | -1073 | -1054 |
| -1023            | -107  | -1086 | -1115 | -107  | -1035 | -1023 |
| -0974            | -1055 | -107  | -1104 | -105  | -0997 | -099  |
| -0931            | -104  | -1056 | -1092 | -103  | -0960 | -0954 |
| -0890            | -103  | -1046 | -108  | -1015 | -0926 | -0923 |
| -0849            | -102  | -104  | -1069 | -100  | -089  | -0895 |
| -0808            | -101  | -1032 | -1064 | -099  | -0854 | -0875 |
| -0767            | -100  | -1025 | -1058 | -098  | -0819 | -086  |
| -0726            | -099  | -1018 | -1047 | -0965 | -0783 | -0845 |
| -0685            | -098  | -101  | -1036 | -095  | -0748 | -083  |
| -0644            | -097  | -1002 | -1025 | -0935 | -0713 | -0815 |
| UH               | UJ    | UK    | UL    | UM    | UN    | UO    |
| -124             | -124  | -124  | -124  | -124  | -124  | -124  |
| -1205            | -1205 | -1205 | -1205 | -1205 | -1205 | -1205 |
| -1165            | -1165 | -116  | -1173 | -1165 | -1165 | -1155 |
| -1135            | -1135 | -113  | -1140 | -114  | -113  | -1135 |
| -1105            | -1105 | -1106 | -1113 | -1123 | -110  | -110  |
| -1085            | -108  | -1073 | -1090 | -1104 | -107  | -108  |
| -1065            | -1055 | -1035 | -1076 | -1086 | -104  | -1055 |
| -104             | -103  | -0997 | -106  | -107  | -1005 | -103  |
| -1015            | -100  | -0960 | -1035 | -1056 | -0985 | -101  |
| -099             | -097  | -0927 | -1006 | -1046 | -0965 | -0985 |
| -0965            | -094  | -090  | -098  | -104  | -0945 | -0965 |
| -094             | -091  | -0875 | -0956 | -1032 | -0915 | -094  |
| -0915            | -0875 | -0860 | -0937 | -1025 | -0885 | -093  |
| -089             | -0845 | -0845 | -0917 | -1018 | -0855 | -0915 |
| -0865            | -0815 | -0830 | -0897 | -101  | -0830 | -090  |
| -084             | -080  | -0815 | -0877 | -1002 | -0805 | -089  |
| UP               | UR    | US    | UT    | UU    | UV    |       |
| -124             | -124  | -124  | -124  | -124  | -124  |       |
| -1205            | -1205 | -1205 | -1205 | -1205 | -1205 |       |
| -116             | -116  | -1172 | -1147 | -1165 | -1182 |       |
| -114             | -1128 | -1133 | -1114 | -114  | -1160 |       |
| -1105            | -1094 | -1105 | -1084 | -112  | -1135 |       |
| -1075            | -106  | -1092 | -1054 | -1095 | -1112 |       |
| -1045            | -103  | -1085 | -1023 | -107  | -1095 |       |
| -1025            | -0997 | -1068 | -0990 | -105  | -108  |       |
| -101             | -096  | -1043 | -0954 | -1025 | -1065 |       |
| -0995            | -0927 | -102  | -0917 | -100  | -1053 |       |
| -0985            | -090  | -1006 | -088  | -099  | -1047 |       |
| -0975            | -0875 | -0995 | -0858 | -098  | -1042 |       |
| -096             | -0860 | -0985 | -0836 | -097  | -1036 |       |
| -0945            | -0845 | -0975 | -0813 | -096  | -1029 |       |
| -093             | -083  | -0965 | -079  | -0945 | -1029 |       |
| -0915            | -0815 | -0955 | -0768 | -093  | -1029 |       |

# -125 JET NEEDLES

| VA<br>UVA | VB<br>UVB | VC<br>UVC | VD<br>UYD | VE<br>UYE | VF<br>UYF | VG<br>UVG |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| -124      | -124      | -124      | -124      | -124      | -124      | -124      |
| -1188     | -1188     | -1188     | -1184     | -1178     | -1172     | -1166     |
| -1145     | -1145     | -1145     | -1135     | -1125     | -1114     | -1103     |
| -111      | -111      | -111      | -1096     | -108      | -1063     | -1047     |
| -108      | -108      | -108      | -106      | -104      | -102      | -100      |
| -1061     | -1056     | -1052     | -103      | -1008     | -985      | -962      |
| -1044     | -1034     | -1025     | -100      | -975      | -95       | -925      |
| -1025     | -101      | -997      | -97       | -943      | -915      | -887      |
| -1006     | -986      | -97       | -94       | -91       | -88       | -85       |
| -987      | -964      | -943      | -91       | -877      | -845      | -813      |
| -968      | -94       | -915      | -88       | -846      | -81       | -775      |
| -95       | -917      | -888      | -852      | -814      | -775      | -737      |
| -932      | -895      | -86       | -822      | -78       | -74       | -70       |
| -913      | -872      | -833      | -79       | -75       | -715      | -642      |
| -895      | -848      | -805      | -76       | -715      | -67       | -625      |
| -875      | -825      | -777      | -732      | -685      | -635      | -586      |
| VH<br>UYH | VI<br>UYI | VJ<br>UYJ | VK<br>UYK | VL<br>UYL | VM<br>UYM | VN<br>UYN |
| -124      | -124      | -124      | -124      | -124      | -124      | -124      |
| -116      | -1154     | -1146     | -1134     | -1122     | -1122     | -1122     |
| -109      | -1077     | -1065     | -1046     | -103      | -103      | -103      |
| -103      | -1015     | -997      | -977      | -956      | -946      | -946      |
| -98       | -96       | -94       | -92       | -90       | -88       | -87       |
| -94       | -917      | -895      | -874      | -85       | -827      | -80       |
| -90       | -875      | -85       | -825      | -80       | -775      | -734      |
| -86       | -833      | -805      | -778      | -75       | -722      | -67       |
| -82       | -79       | -76       | -73       | -70       | -668      | -604      |
| -78       | -748      | -715      | -684      | -65       | -615      | -55       |
| -74       | -715      | -67       | -635      | -60       | -563      | -494      |
| -70       | -662      | -625      | -588      | -55       | -51       | -44       |
| -66       | -62       | -58       | -54       | -50       | -457      | -39       |
| -62       | -577      | -535      | -493      | -45       | -405      | -34       |
| -58       | -535      | -49       | -445      | -40       | -35       | -295      |
| -54       | -492      | -445      | -396      | -35       | -30       | -25       |
| VO<br>UYO | VP<br>UYP |           | VR<br>UYR | VT<br>UYT |           | ZA        |
| -124      | -124      |           | -124      | -125      |           | -99       |
| -121      | -121      |           | -119      | -121      |           | -95       |
| -117      | -117      |           | -1145     | -116      |           | -905      |
| -113      | -113      |           | -1108     | -1115     |           | -875      |
| -110      | -110      |           | -1073     | -107      |           | -847      |
| -1075     | -107      |           | -1038     | -103      |           | -822      |
| -105      | -104      |           | -1004     | -99       |           | -80       |
| -1022     | -100      |           | -97       | -95       |           | -778      |
| -995      | -965      |           | -925      | -91       |           | -758      |
| -97       | -93       |           | -88       | -87       |           | -737      |
| -935      | -89       |           | -835      | -84       |           | -71       |
| -895      | -855      |           | -79       | -81       |           | -675      |
| -855      | -82       |           | -76       | -775      |           | -63       |
| -82       | -782      |           | -73       | -745      |           | -585      |
| -78       | -745      |           | -70       | -72       |           | -54       |
| -74       | -707      |           | -67       | -69       |           |           |

NOTE.—V Series,  $\frac{5}{32}$ " shank. UV Series,  $\frac{1}{8}$ " shank.

# -125 JET NEEDLES

| 25   | 35    | 45    | 50   | 59    | 60   | 70    |
|------|-------|-------|------|-------|------|-------|
| -124 | -124  | -124  | -124 | -124  | -124 | -125  |
| -123 | -123  | -123  | -117 | -116  | -117 | -119  |
| -116 | -116  | -116  | -111 | -111  | -111 | -113  |
| -109 | -109  | -109  | -104 | -106  | -104 | -1085 |
| -100 | -100  | -101  | -99  | -101  | -99  | -104  |
| -92  | -92   | -94   | -92  | -96   | -94  | -995  |
| -84  | -85   | -89   | -86  | -91   | -89  | -95   |
| -76  | -78   | -82   | -80  | -87   | -84  | -905  |
| -67  | -71   | -76   | -73  | -83   | -795 | -86   |
| -59  | -64   | -70   | -68  | -79   | -75  | -81   |
| -51  | -57   | -64   | -62  | -75   | -70  | -77   |
| -42  | -50   | -57   | -56  | -71   | -65  | -72   |
| -34  | -42   | -51   | -50  | -67   | -60  | -68   |
| -25  | -35   | -45   | -44  | -63   | -55  | -63   |
|      |       |       | -38  | -59   | -50  | -59   |
| 74   | 75    | 76    | 78   | 79    |      | 81    |
| -124 | -125  | -124  | -124 | -124  |      | -124  |
| -117 | -119  | -117  | -117 | -1178 |      | -123  |
| -112 | -113  | -112  | -112 | -1147 |      | -1175 |
| -108 | -1087 | -109  | -109 | -1115 |      | -1115 |
| -104 | -105  | -1055 | -107 | -1084 |      | -1065 |
| -100 | -1001 | -1022 | -104 | -1053 |      | -1015 |
| -97  | -97   | -99   | -101 | -1022 |      | -97   |
| -94  | -93   | -958  | -978 | -991  |      | -92   |
| -90  | -89   | -924  | -94  | -96   |      | -87   |
| -87  | -85   | -892  | -91  | -93   |      | -82   |
| -84  | -81   | -86   | -88  | -90   |      | -775  |
| -81  | -77   | -83   | -85  | -87   |      | -725  |
| -78  | -73   | -80   | -82  | -84   |      | -675  |
| -76  | -69   | -78   | -80  | -82   |      | -63   |
| -74  | -65   | -76   | -78  | -80   |      | -58   |
| -72  |       | -74   | -76  | -78   |      |       |

## FOREWORD

The 'standard' needle tuning should be satisfactory for all 'temperate climate' running (excluding some altitude conditions of over 6,000 ft.), with the possible exception of the odd engine which may call for a slight change in mixture strength, or where a main jet has worn slightly owing to maladjustment. In 'non-temperate' climates of excessive heat, cold, or humidity, or marked altitude conditions, then a change from the 'standard' tuning may be desirable—heat, humidity, and altitude all call for a weaker mixture, whilst a consistently cold climate may call for a mild enrichment. To meet these conditions a 'weak' needle and a 'rich' needle are suggested, but it should be remembered that these climatic and geographical conditions (plus possible differences in local fuel mixtures) can vary considerably and it is impossible to do more than suggest broadly an alternative needle type.

Whilst this listed alternative will suit the bulk of such cases, it may not satisfy all, when experiments with further types will be necessary.

| CAR MODEL          |        | Year                 | Needle  |      |      | Colour of Spring |                             |
|--------------------|--------|----------------------|---------|------|------|------------------|-----------------------------|
|                    |        |                      | Rich    | Std. | Weak |                  |                             |
| A.C.               |        |                      |         |      |      |                  |                             |
| 16-56 h.p.         | 6-cyl. | 1933/4               |         | WX   |      | Blue             |                             |
| 16-56 h.p.         | 6-cyl. | 1935/7               | 3       | L    | M5   |                  |                             |
| 16-56 h.p.         | 6-cyl. | 1938                 | 1       | DW   | D4   |                  |                             |
| 16-56 h.p.         | 6-cyl. | 1939                 | 1       | DW   | D4   |                  |                             |
| 16-56 h.p.         | 6-cyl. | 1946                 | 1       | DW   | D4   |                  |                             |
| 16-56 h.p.         | 6-cyl. | 1952                 | 1       | DW   | D4   |                  |                             |
| ALVIS              |        |                      |         |      |      |                  |                             |
| 16-95 h.p.         | 6-cyl. | Silver Eagle         | 1929/31 | AC   |      | Brown            |                             |
| 19-82 h.p.         | 6-cyl. | Silver Eagle         | 1931/3  | AC   |      |                  |                             |
| 12-60 h.p.         | 4-cyl. |                      | 1931/2  | AC   |      |                  |                             |
| 19-82 h.p.         | 6-cyl. | Speed Twenty         | 1932/3  | L51  | B1   |                  | 61                          |
| 11-9 h.p.          |        | Firefly              | 1932/4  | KW   | KW1  |                  | SA                          |
| 16-95 h.p.         |        | Crested Eagle        | 1933/4  | M1   | AC   |                  | AA                          |
| 19-82 h.p.         |        | Crested Eagle        | 1933    | L51  | B1   |                  | 61                          |
| 16-95 h.p.         |        | Sixteen              | 1934    | M1   | AC   |                  | HA                          |
| 19-82 h.p.         |        | Speed Twenty         | 1934    | L51  | B1   |                  | 61                          |
| 13-22 h.p.         |        | Firebird Fourteen    | 1935    | KW   | KW1  |                  |                             |
| 16-95 h.p.         |        | Silver Eagle AS3     | 1935    | M1   | AC   |                  | HA                          |
| 19-82 h.p.         |        | Speed Twenty AS4     | 1935    | B1   | 61   |                  | 62                          |
| 25-63 h.p.         |        | 3½-litre BS1         | 1936    | 62   | R32  |                  | 1                           |
| 13-22 h.p.         |        | Firebird Fourteen    | 1936    |      | KWR  |                  |                             |
| 16-95 h.p.         |        | Silver Eagle         | 1936    |      | AC2  |                  |                             |
| 19-82 h.p.         |        | Speed Twenty         | 1936    |      | BY   |                  |                             |
| 16-95 h.p.         |        | Alvis Seventeen      | 1937    | 1    | CE   |                  | M6                          |
| 19-82 h.p.         |        |                      | 1937    | R3   | 2    |                  | M5                          |
| 31-48 h.p.         |        | 4-3-litre            | 1937/9  | K7   | RP   |                  | LB2                         |
| 25-63 h.p.         |        | Speed Twenty-five    | 1937/9  | 62   | R32  |                  | 1                           |
| 19-82 h.p.         |        | Crested Eagle        | 1937/8  |      | BY   |                  |                             |
| 19-82 h.p.         |        | Silver Crest         | 1938/9  | 62   | R32  |                  | 1                           |
| 16-95 h.p.         |        | Silver Crest         | 1938    | 1    | CE   |                  | M6                          |
| 25-63 h.p.         |        | Crested Eagle        | 1938/9  | 62   | R32  |                  | 1                           |
| 13-22 h.p.         | 4-cyl. | 12-70                | 1938/9  | 61   | DQ   |                  | L                           |
| 13-22 h.p.         | 4-cyl. | 12-70                | 1938/9  |      | DT   |                  | CO                          |
| 14 h.p.            |        | TA14                 | 1946/59 | EJ   | CT   |                  | CC                          |
| 14 h.p.            |        | TB14 Sports          | 1948/9  |      | BJ   |                  |                             |
| 14 h.p.            |        | TB14 Sports          | 1950    |      | DQ   |                  |                             |
| 3-litre            |        | TA21, TC21           | 1950/5  | L    | ES   |                  |                             |
| 3-litre            |        | TB21 Sports          | 1952    |      | UA   |                  | Red                         |
|                    |        | TC21/100             | 1954    |      | CE   |                  | Red                         |
|                    |        | TD21                 | 1959    |      | TA   |                  | Red                         |
| ARIEL Motor-cycle  |        |                      |         |      |      |                  |                             |
| 1000 c.c.          |        | Square Four          | 1954/9  | GU   | GN   | BS               | Yellow                      |
| ARMSTRONG SIDDELEY |        |                      |         |      |      |                  |                             |
| 30 h.p.            | 6-cyl. | Sports Special       | 1934    | WO2  | WO3  | C1               | Yellow Red                  |
| 30 h.p.            | 6-cyl. | Sports Special       | 1935    |      | WOD  |                  |                             |
| 20 h.p.            | 6-cyl. |                      | 1936/8  | KWR  | RJD  | RK               |                             |
| 3-litre            | 6-cyl. | Typhoon              | 1948    |      | AM   |                  |                             |
|                    | 4-cyl. | Sapphire 234         | 1955/8  | SQ   | SC   | TC               |                             |
| ASTON MARTIN       |        |                      |         |      |      |                  |                             |
| 12 h.p.            | 4-cyl. | Sports               | 1930/4  | B1   | E4   | L                | Yellow Yellow Yellow Yellow |
| 12 h.p.            | 4-cyl. | Le Mans              | 1933/4  | B1   | E4   | L                |                             |
| 12 h.p.            | 4-cyl. | Le Mans Racing Model | 1934    |      | CV   |                  |                             |
| 12 h.p.            | 4-cyl. | Le Mans Racing Model | 1935    | B1   | E4   | L                |                             |
| 15 h.p.            | 4-cyl. |                      | 1937    | R6   | RO   | AM               |                             |
| 15 h.p.            | 4-cyl. |                      | 1947    |      | RO   |                  |                             |
|                    | 4-cyl. | DB1 2-litre          | 1949/50 |      | DR   |                  |                             |
|                    | 6-cyl. | DB2 2.5-litre        | 1950/3  |      | GB   |                  |                             |
|                    | 6-cyl. | 2.5-litre Vantage    | 1951/4  |      | RL   |                  |                             |
| 2.5-litre          | 6-cyl. | DB2/4 (Mk. I)        | 1953/4  |      | RJ   |                  |                             |
| 3-litre            | 6-cyl. | DB2/4 (Mk. I)        | 1954/5  |      | SV   |                  |                             |
| 3-litre            | 6-cyl. | DB2/4 (Mk. II)       | 1955/6  |      | SV   |                  |                             |

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57 66

| CAR MODEL               |                                                            | Year                      | Needle  |      |      | Colour of Spring |                |
|-------------------------|------------------------------------------------------------|---------------------------|---------|------|------|------------------|----------------|
|                         |                                                            |                           | Rich    | Std. | Weak |                  |                |
| Aston Martin—continued  |                                                            |                           |         |      |      |                  |                |
| 3-litre                 | 6-cyl.                                                     | DB (Mk. I)                | 1957/9  | SV   |      | Yellow           |                |
| 3-litre                 | 6-cyl.                                                     | DB (Mk. III) Special      | 1958/9  | SV   |      | Red              |                |
| 3.7-litre               | 6-cyl.                                                     | DB4                       | 1958/60 | UJ   |      | Red/Blue         |                |
| AUSTIN                  |                                                            |                           |         |      |      |                  |                |
| 4-litre                 | 6-cyl.                                                     | Princess Single Exhaust   | 1948    | DP   | FO   | FZ               | Green          |
| 4-litre                 | 6-cyl.                                                     | Princess Twin Exhaust     | 1948    |      | FQ   |                  | Yellow         |
| 4-litre                 | 6-cyl.                                                     | Princess Twin Exhaust     | 1949    | FT   | FU   | FS               | Yellow         |
| 4-litre                 | 6-cyl.                                                     | Princess Twin Exhaust     | 1950    |      | FZ   |                  | Yellow         |
| 16 h.p.                 | 4-cyl.                                                     | A90 Atlantic Sports       | 1949    | FO   | FT   | FU               | Yellow         |
| 1200 c.c.               | 4-cyl.                                                     | A40 Sports GD2            | 1950    |      | HC   |                  | Blue           |
| 1200 c.c.               | 4-cyl.                                                     | A40 Sports GD2, GD3       | 1951    | M9   | EK   | MOW              | Red            |
|                         | 4-cyl.                                                     | Austin-Healey 100         | 1953/6  | QA   | QW   | AT               | Yellow         |
|                         | 4-cyl.                                                     | Austin-Healey Le Mans 100 | 1954/6  | OA6  | OA7  | OAB              | Red            |
|                         | 4-cyl.                                                     | Austin-Healey 100S        | 1955    | KW   | KW1  | SA               | Red            |
|                         | 6-cyl.                                                     | Austin-Healey             | 1957    | 4    | AJ   | M1               | Red            |
|                         | 6-cyl.                                                     | Austin Princess DM4       | 1957    | RD   | CV   | SQ               | Red            |
| 2.6-litre               | 6-cyl.                                                     | Austin 105                | 1957    | 3    | V2   | AC               | Red            |
|                         | 4-cyl.                                                     | Austin-Healey Sprite      | 1959    | EB   | GG   | MOW              |                |
|                         | 6-cyl.                                                     | Austin-Healey BN6         | 1959    | RD   | CV   | SQ               | Yellow         |
|                         | 6-cyl.                                                     | Austin A99                | 1959    |      | MS   | M7               | Yellow         |
|                         |                                                            | Austin Seven              | 1959    | M    | EB   | GG               | Red            |
|                         |                                                            | Austin-Healey BN7         | 1959/60 | RD   | CV   | SQ               | Green          |
|                         | 4-cyl.                                                     | Austin A55                | 1959    | AH2  | M    | CF               | Red            |
|                         |                                                            | Austin-Healey BN8         | 1961    |      | DJ   |                  | Red            |
|                         |                                                            | Austin-Healey Sprite      | 1961    |      | V3   |                  | Blue           |
|                         |                                                            | Austin Seven              | 1961    | M    | EB   | GG               | Red            |
| BENTLEY AND ROLLS-ROYCE |                                                            |                           |         |      |      |                  |                |
| 4½-litre                |                                                            | 51C                       | 1930    |      | WO4  |                  |                |
| 4½-litre                |                                                            |                           | 1930    |      | CV   |                  |                |
|                         | 6-cyl.                                                     | Sports                    | 1930    |      | WO2  |                  |                |
|                         |                                                            | Big Six                   | 1931    |      | 76   |                  |                |
| 4-litre                 |                                                            | SV                        | 1931    |      | KTA  |                  |                |
| 3-litre                 |                                                            |                           | 1933    |      | 1    |                  |                |
| 3½-litre                |                                                            |                           | 1934    |      | AW   |                  |                |
| 4½-litre                |                                                            |                           | 1936    |      | LB1  |                  |                |
| 4½-litre                |                                                            |                           | 1939    |      | EY   |                  |                |
| 4½-litre                |                                                            |                           | 1940    |      | WO3  |                  |                |
|                         | '6' type                                                   |                           | 1946    |      | LB1  |                  |                |
|                         | '6' type                                                   |                           | 1946    |      | SC   |                  |                |
|                         | '6' type (S. Africa model)                                 |                           | 1948    |      | SF   |                  |                |
|                         | '6' type                                                   |                           | 1949    |      | SN   |                  |                |
|                         | '6' type                                                   |                           | 1950    |      | SP   |                  |                |
|                         | '6' type                                                   |                           | 1950    |      | SJ   |                  |                |
|                         | '6' type (Oil bath air cleaner)                            |                           | 1951/2  |      | SF   |                  |                |
|                         | '7' type and 'B' Series Continental                        |                           | 1952/4  |      | SH   |                  |                |
|                         | '7' type and 'B' Series Continental (Oil bath air cleaner) |                           | 1952/4  |      | SF   |                  |                |
|                         | '5' type and Continental                                   |                           | 1954    |      | ST   |                  |                |
|                         | '5' type Continental, Cloud & Silver Wraith                |                           | 1955    |      | TA   |                  |                |
|                         | Silver Wraith                                              |                           | 1956/9  |      | UC   |                  | Blue and Green |
|                         | Silver Wraith (Oil bath air cleaner)                       |                           | 1956/9  |      | UD   |                  | Blue and Green |
|                         | S2 Silver Cloud & Phantom V                                |                           | 1960/1  |      | SH   |                  | Yellow         |

| CAR MODEL                   |                                | Year    | Needle |      |      | Colour of Spring |
|-----------------------------|--------------------------------|---------|--------|------|------|------------------|
|                             |                                |         | Rich   | Std. | Weak |                  |
| <b>BRISTOL</b>              |                                |         |        |      |      |                  |
| 2-litre                     | 6-cyl.                         | 1948/50 |        | FH   |      | Yellow           |
| 2-litre                     | 6-cyl. (Sports)                | 1948/50 |        | FK   |      | Yellow           |
| <b>CITROEN (CONVERSION)</b> |                                |         |        |      |      |                  |
|                             | 4-cyl. Light Fifteen           | 1948/55 | AC     | HA   | M9   | Blue             |
| 2.6-litre                   | 6-cyl.                         | 1950/4  | MME    | CP4  | CQ   | Red              |
| <b>CONVERSION SETS</b>      |                                |         |        |      |      |                  |
|                             | Elva—M.G.                      | 1959/61 |        | GS   |      | Red              |
|                             | Turner — B.M.C. 'A' Series     | 1959/61 |        | BX1  |      |                  |
|                             | Speedwell 'Minor 1000'         | 1959/61 |        | M8   |      | Blue             |
|                             | Turner — B.M.C. 'A' Series     | 1959/61 |        | M6   |      | Red              |
|                             | Austin-Healey Sprite —Sebring  | 1960    |        | GX   |      | Blue             |
|                             | FJ Cooper 3.M.C.               | 1960    |        | AM   |      | Blue             |
|                             | Alexander Herald               | 1960/1  |        | M6   |      | Blue             |
|                             | Austin-Healey Sprite           | 1960    |        | A3   |      | Blue             |
|                             | Mangolesti Remix               | 1961    |        | M8   |      |                  |
|                             | Austin-Healey 3000 Competition | 1961    |        | LH   |      | Blue and Black   |
| <b>COVENTRY CLIMAX</b>      |                                |         |        |      |      |                  |
| 1100 c.c.                   |                                | 1954/8  | R6     | BE   | 6    | Blue             |
|                             | F.P.A.                         |         |        | ZE   |      |                  |
|                             | F.W.A. Stage I                 |         |        | BE   |      | Blue             |
|                             | F.W.A. Stage II                |         |        | BF   |      | Blue             |
| 1220 c.c.                   | Lotus Elite                    |         |        | BQ   |      | Blue             |
| 1220 c.c.                   | Lotus Elite                    |         |        | BF   |      | Yellow           |
| <b>DAIMLER</b>              |                                |         |        |      |      |                  |
| 30 h.p.                     | Double Six                     | 1932    |        | K    |      |                  |
| 20-30 h.p. 6-cyl.           |                                | 1931    |        | E3   |      |                  |
| 15 h.p. 6-cyl.              |                                | 1932    |        | 4    |      |                  |
| 20 h.p.                     | PV and LQ                      | 1933/6  | P6     | P61  | 5    |                  |
| 15 h.p. 6-cyl.              |                                | 1933/5  | P4     | 4    | S4   |                  |
| 15 h.p. 6-cyl.              |                                | 1935    | BM     | BL   | BN   |                  |
| 20 h.p. 6-cyl.              |                                | 1936    | B1     | BK   | Bj   |                  |
| 17/19/20 h.p. 6-cyl.        |                                | 1936    | L12    | BW   | S4   |                  |
| 18/20 h.p. 6-cyl.           |                                | 1936/9  | AQ     | AA   | L11  |                  |
| 17/18/20 h.p. 6-cyl.        |                                | 1937/8  | B1     | BY   | 3    |                  |
| 24 h.p. 6-cyl.              |                                | 1937/9  | WO4    | RD   | Kt   |                  |
| 18 h.p.                     | DB                             | 1938/51 | DR     | EG   | 61   |                  |
| 27 h.p. 6-cyl.              | DE27                           | 1945    | S6     | CN   | 5    | Green            |
| 36 h.p. 8-cyl.              | DE36                           | 1945    |        | FB   | FE   | White            |
| 2½-litre                    | Sports                         | 1949/51 |        | CE   |      |                  |
| 3-litre 6-cyl.              |                                | 1951    | CN     | 5    | AJ   | Red              |
| 4-litre 6-cyl.              |                                | 1953    |        | SH   |      | Yellow           |
| 2½-litre                    | Conquest Roadster              | 1954    |        | SW   |      | Red              |
| 3½-litre                    | Regency                        | 1954/9  |        | SQ   |      | Red              |
| 4½-litre                    |                                | 1954/5  |        | RG   |      | Red              |
| 2½-litre                    | Conquest Century               | 1955/7  | SC     | TC   | TJ   | Red              |
| 4½-litre                    | DK400                          | 1956/7  |        | UB   |      | Red and Green    |
|                             | SP250 Sports                   | 1959/61 |        | TS   | TR   | Yellow           |
|                             | DQ-450                         | 1960    |        | UL   |      | Red and Green    |

| CAR MODEL            |                                                  | Year        | Needle |      |      | Colour of Spring                   |
|----------------------|--------------------------------------------------|-------------|--------|------|------|------------------------------------|
|                      |                                                  |             | Rich   | Std. | Weak |                                    |
| FORD CONVERSIONS     |                                                  |             |        |      |      |                                    |
| 1172 c.c.            | E93A .....                                       | 1949/53     | M9     | EK   | MOW  | Red                                |
| 1172 c.c.            | 100E Aquasport .....                             | 1953/7      | M1     | A5   | HA   |                                    |
| 1172 c.c.            | 100E Prefect & Anglia .....                      | 1953        |        | M6   |      |                                    |
| 1172 c.c.            | 100E Lotus .....                                 | 1954/60     | M5     | M6   | M7   | Red                                |
|                      | Consul — Aquaplane — Series I .....              | 1954/7      | 4      | 3    | L    | Red                                |
|                      | Consul—W.H.M.B. Ltd. .....                       | 1955/7      | H2     | QA   | QW   | Red                                |
|                      | Zephyr — Aquaplane — Series I .....              | 1954/7      | 4      | 3    | L    | Red centre, Yellow front, and Rear |
|                      | Zephyr—W.H.M.B. Ltd. .....                       | 1955/7      | EM     | ES   | AP   | Red                                |
|                      | Zephyr—Raymond Mays —Series I .....              | 1954/6      | CN     | 5    | GE   | Yellow                             |
|                      | Zephyr—Raymond Mays —Series II .....             | 1957/61     | MME    | 7    | AO   | Yellow                             |
|                      | Consul — R. Owen — Series II (4-port head) ..... | 1958/60     |        | RB   |      | Red                                |
|                      | FJ 105E .....                                    | 1960/1      |        | AM   |      | Blue                               |
|                      | 100E—Aquaplane .....                             | 1960/1      |        | GX   |      | Blue                               |
|                      | 105E/107E—Aquaplane .....                        | 1960/1      |        | A5   |      | Blue                               |
|                      | Consul — R. Owen — Series II (4-port head) ..... | 1961        |        | RB   |      | Red                                |
|                      | Zephyr—Raymond Mays .....                        | 1961        |        | AY   |      | Yellow                             |
|                      | E93A Dellow .....                                | 1950        |        | RLS  |      | Red                                |
|                      | Consul—Series I Dellow .....                     | 1953        |        | M5   |      | Red                                |
|                      | Zephyr—Series I Dellow .....                     | 1954        |        | M5   |      | Red                                |
|                      | Prefect & Anglia—100E Dellow .....               | 1955        | M9     | EK   | MOW  |                                    |
| 30 h.p.              | V8 (Special adaptor) .....                       | 1950        | RO     | 6    |      | Red                                |
|                      | Consul—Series I .....                            | 1952        |        | 61   |      | Yellow                             |
|                      | Consul—Series I .....                            | 1953        |        | 62   |      | Yellow                             |
|                      | Zephyr—Series I .....                            | 1953        |        | WX   |      | Yellow                             |
| 30 h.p.              | V8 Allard & Jensen .....                         | 1937        |        | 6    |      | Brown                              |
| HEALEY               |                                                  |             |        |      |      |                                    |
| 16 h.p.              | Riley 2½-litre (Air box) .....                   | 1946/52     | 56     | AM   | AJ   |                                    |
|                      | Riley 2½-litre (Air cleaner) .....               | 1946/52     | CY     | EE   | EM   |                                    |
|                      | Healey Nash (Nash engine) .....                  | 1950        |        | SO   |      |                                    |
| HILLMAN CONVERSIONS  |                                                  |             |        |      |      |                                    |
| 1390 c.c.            | Minx .....                                       | 1956/8      | CU     | CZ   | CF   | Blue                               |
|                      | Alexander Minx .....                             | 1959/61     |        | GR   |      | Blue                               |
| JAGUAR (SS—PRE-1941) |                                                  |             |        |      |      |                                    |
| 2½-litre             | .....                                            | 1936        | R6     | RO   | AM   |                                    |
| 2½-litre             | Competition .....                                | 1936        | 4      | 3    | L    |                                    |
| 2½-litre             | .....                                            | 1936/7      | 81     | R3   | 2    |                                    |
| 2½-litre             | .....                                            | 1937/40     | 61     | D5   | 2    |                                    |
| 3½-litre             | .....                                            | 1937/9      | AQ     | D7   | GA   |                                    |
| 3½-litre             | No piston damper .....                           | 1937/9      |        | CY   |      |                                    |
| 3½-litre             | Exports—brass piston .....                       | 1937/9      |        | 61   |      |                                    |
| 1½-litre             | .....                                            | 1937/8      | 61     | D5   | 2    |                                    |
| 1½-litre             | .....                                            | 1939/40     | E1     | EN   | SS   |                                    |
| 1½-litre             | .....                                            | 1940 (late) |        | E1   |      |                                    |
| 2½-litre             | Export—brass Piston .....                        | 1940        |        | M5   |      |                                    |
| 3½-litre             | .....                                            | 1940        | AQ     | DY   | GA   |                                    |

| CAR MODEL                                                            | Year    | Needle |     |      | Colour of Spring |
|----------------------------------------------------------------------|---------|--------|-----|------|------------------|
|                                                                      |         | Rich   | Std | Weak |                  |
| JAGUAR                                                               |         |        |     |      |                  |
| 1½-litre                                                             | 1946/7  |        | FA  | CS2  |                  |
| 2½-litre                                                             | 1946/7  | CB     | D5  | EQ   |                  |
| 3½-litre                                                             | 1946/7  | AQ     | DY  | GA   |                  |
| 3½-litre L.H.D.                                                      | 1946/7  |        | FL  |      |                  |
| 3½-litre                                                             | 1948    | AQ     | FL  | GA   |                  |
| 2½-litre                                                             | 1948    | B1     | R3  | 2    |                  |
| 2½-litre Mk. V                                                       | 1948/9  | B1     | R3  | 2    |                  |
| 3½-litre Mk. V                                                       | 1948/50 | FL     | FW  | 62   |                  |
| XK120                                                                | 1949/50 |        | RB  |      | Red              |
| Mk. 7 7 : 1 & 8 : 1 C.R.<br>to Eng. No. 52917                        | 1951/2  | RH     | SM  | SK   | Red              |
| Mk. 7 7 : 1 & 8 : 1 C.R.<br>from Eng. No. 82918                      | 1952/4  | SM     | SR  | CIW  | Red              |
| XK120                                                                | 1951/4  | 53     | RF  | RG   | Red              |
| XK120 (Remote air cleaner)                                           | 1951/4  | WO4    | WO2 | WO3  | Red              |
| XK120 'C' type, 7 : 1,<br>8 : 1, & 1 : 1 C.R.                        | 1952    | 75     | VR  | VE   | Black and Red    |
| XK120 'C' type 8 : 1 C.R.                                            | 1952    |        | RG  |      | Red              |
| XK120 'C' type 8 : 1 C.R.<br>(Remote air cleaner)                    | 1952    |        | DG  |      | Red              |
| XK120 'C' type, 9 : 1<br>C.R.                                        | 1952    |        | RC  |      | Red              |
| Mk. 7 'M' type, 7 : 1 &<br>8 : 1 C.R.                                | 1954/6  | SM     | SR  | CIW  | Red              |
| Mk. 7 'M' type, 7 : 1 C.R.<br>( 'C' type head), A.C.<br>disc cleaner | 1954/6  |        | SL  |      |                  |
| Mk. 7 'M' type, 8 : 1 C.R.<br>( 'C' type head), A.C.<br>disc cleaner | 1954/6  |        | SJ  |      |                  |
| Mk. 7 'M' type, 8 : 1 &<br>9 : 1 C.R. ( 'C' type<br>head)            | 1954/6  | 75     | VR  | VE   | Black and Red    |
| XK140 7 : 1 & 8 : 1 C.R.                                             | 1954    | SA     | SJ  | LBA  | Red              |
| XK140C 7 : 1 & 8 : 1 C.R.<br>( 'C' type head)                        | 1954    |        | SR  |      | Red              |
| XK140C 7 : 1 & 8 : 1 C.R.<br>( 'C' type head), disc<br>air cleaner   | 1954    |        | WO2 |      | Red              |
| XK140C 8 : 1 & 9 : 1<br>C.R. ( 'C' type head)                        | 1954    | 75     | VR  | VE   | Black and Red    |
| XK140C 7 : 1 & 8 : 1<br>C.R. D/H Coupé &<br>Standard                 | 1955    |        | WO2 |      | Red              |
| XK140C 7 : 1 & 8 : 1<br>R.H.D. F/H Coupé                             | 1955    |        | WO2 |      | Red              |
| XK140C 7 : 1 & 8 : 1<br>L.H.D. Coupé                                 | 1955    |        | WO2 |      | Red              |
| XK140 7 : 1 & 8 : 1 C.R.<br>L.H.D. F/H Coupé                         | 1955    | SA     | SJ  | LBA  | Red              |
| XK140 7 : 1 & 8 : 1 C.R.<br>R.H.D. F/H Coupé                         | 1955    | SA     | SJ  | LBA  | Red              |
| XK140 7 : 1 & 8 : 1 C.R.<br>Borg-Warner                              | 1955    | SA     | SJ  | LBA  | Red              |
| XK140 7 : 1 & 8 : 1 C.R.<br>Borg-Warner F/H<br>Coupé                 | 1956    | SA     | SJ  | LBA  | Red              |
| XK140 7 : 1 & 8 : 1 C.R.<br>Borg-Warner D/H<br>Coupé                 | 1956    | SA     | SJ  | LBA  | Red              |

| CAR MODEL        | Year                                                              | Needle  |     |      | Colour of Spring |                             |
|------------------|-------------------------------------------------------------------|---------|-----|------|------------------|-----------------------------|
|                  |                                                                   | Rich    | Std | Weak |                  |                             |
| Jaguar—continued |                                                                   |         |     |      |                  |                             |
|                  | XK1407:1 & 8:1 C.R.<br>R.H.D. Borg-Warner<br>D/H Coupé .. .. .    | 1956    | SA  | SI   | LBA              | Red                         |
| 2-4-litre        | Mk. I Stage III Tune. 8:1<br>C.R. .. .. .                         | 1956    |     | TO   |                  | Red                         |
| 3-4-litre        | Mk. I (Std. trans. or<br>o/drive) .. .. .                         | 1957    | WO3 | TL   | SI               | Red                         |
| 3-4-litre        | Mk. I (Std. trans. or<br>o/drive—Oil bath air<br>cleaner) .. .. . | 1957    |     | SC   |                  | Red                         |
| 3-4-litre        | Mk. I Borg-Warner .. .. .                                         | 1957    | WO3 | TL   | SI               | Red                         |
| 3-4-litre        | Mk. I Borg-Warner (Oil<br>bath air cleaner) .. .. .               | 1957    |     | SC   |                  | Red                         |
|                  | Mk. VIII (Std. trans. or<br>o/drive) .. .. .                      | 1956/7  | WO3 | TL   | SI               | Red                         |
|                  | Mk. VIII Borg-Warner .. .. .                                      | 1956/7  | WO3 | TL   | SI               | Red                         |
|                  | Mk. VIII (Std. trans. or<br>o/drive) .. .. .                      | 1958    | WO3 | TL   | SI               | Red                         |
|                  | Mk. VIII Borg-Warner .. .. .                                      | 1958    | WO3 | TL   | SI               | Red                         |
| 3-4-litre        | Mk. I (Std. trans. or<br>o/drive) .. .. .                         | 1958    | WO3 | TL   | SI               | Red                         |
| 3-4-litre        | Mk. I Borg-Warner .. .. .                                         | 1958    | WO3 | TL   | SI               | Red                         |
| 3-4-litre        | XK150 'S' .. .. .                                                 | 1959/61 |     | UE   |                  | Blue<br>and<br>Black<br>Red |
| 3-4-litre        | Mk. I .. .. .                                                     | 1959    | WO3 | TL   | SI               | Red                         |
| 3-4-litre        | Mk. I (Oil bath air<br>cleaner) .. .. .                           | 1959    |     | SC   |                  | Red                         |
|                  | Mk. VIII .. .. .                                                  | 1959    | WO3 | TL   | SI               | Red                         |
|                  | Mk. IX .. .. .                                                    | 1959    |     | TU   |                  | Red                         |
|                  | XK150 .. .. .                                                     | 1959    | WO3 | TL   | SI               | Red                         |
| 3-4- & 3-8-litre | Mk. II .. .. .                                                    | 1960/1  |     | SC   |                  | Red                         |
|                  | Mk. IX 7:1 & 8:1 C.R. .. .. .                                     | 1960/1  |     | TU   |                  | Red                         |
| 3-4-litre        | XK150 .. .. .                                                     | 1960/1  | WO3 | TL   | SI               | Red                         |
| 3-8-litre        | XK150 .. .. .                                                     | 1960/1  |     | TU   |                  | Red                         |
| 3-8-litre        | Mk. II 7:1 C.R. .. .. .                                           | 1960/1  |     | TM   |                  | Red                         |
| 3-8-litre        | Mk. II 8:1 & 9:1 C.R. .. .. .                                     | 1960/1  |     | TU   |                  | Red                         |
|                  | Mk. IX—Cooper paper<br>cleaner, 7:1 C.R. .. .. .                  | 1960/1  |     | TM   |                  | Red                         |
|                  | Mk. IX—Cooper cleaner,<br>8:1 & 9:1 C.R. .. .. .                  | 1960/1  |     | TU   |                  | Red                         |
| 3-4-litre        | Mk. II—Cooper cleaner,<br>7:1 & 9:1 C.R. .. .. .                  | 1960/1  |     | TM   |                  | Red                         |
| 3-4-litre        | Mk. II—Cooper cleaner,<br>8:1 & 9:1 C.R. .. .. .                  | 1960/1  |     | TU   |                  | Red                         |
| JENSEN           |                                                                   |         |     |      |                  |                             |
|                  | Jensen—Ford V8 .. .. .                                            | 1937    |     | 6    |                  | Brown                       |
|                  | 541/541 'R' .. .. .                                               | 1954/60 | CU  | C2   | CF               | Red                         |
|                  | 541 'S' .. .. .                                                   | 1960/1  |     | CF   |                  | Red                         |
| LAGONDA          |                                                                   |         |     |      |                  |                             |
| 14 h.p.          | 4-cyl. .. .. .                                                    | 1929    |     | 4    |                  |                             |
| 14 h.p.          | 4-cyl. S/C .. .. .                                                | 1930/2  | GK  | K    |                  |                             |
| 2-litre          | 6-cyl. Continental .. .. .                                        | 1932    |     | 6    |                  |                             |
| 15 h.p.          | 6-cyl. 'S' type .. .. .                                           | 1933    |     | LS   |                  |                             |
| 3-litre          | 6-cyl. .. .. .                                                    | 1933/4  |     | RLB  |                  |                             |
| 3-1/2-litre      | 6-cyl. .. .. .                                                    | 1935    | MME | 7    | AO               |                             |
| 16/80 h.p.       | 6-cyl. .. .. .                                                    | 1932/5  | 61  | 62   |                  |                             |
| 4-1/2-litre      | 6-cyl. .. .. .                                                    | 1934/9  | K   | KT   | C1               |                             |
| 4-1/2-litre      | 6-cyl. Rapide .. .. .                                             | 1934/9  |     | K    |                  |                             |
| 4-1/2-litre      | V12 .. .. .                                                       | 1938/40 |     | WO4  | WO2              | White                       |
| 4-1/2-litre      | V12 .. .. .                                                       | 1939/40 |     | RK   |                  | Green                       |
| 2-1/2-litre      | Mk. I .. .. .                                                     | 1949    |     | BX   |                  |                             |
| 2-1/2-litre      | M.k I .. .. .                                                     | 1950/3  |     | GB   |                  |                             |

| CAR MODEL         |                             | Year   | Needle |      |      | Colour of Spring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Lagonda—continued |                             |        |        |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 2½-litre          | Mk. I Vantage               | 1951/3 |        | RL   |      | Yellow<br>Yellow<br>Yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 2½-litre          | Mk. II                      | 1952/3 |        | SQ   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 3-litre           | LB290, LB290/1 (Ser. I, II) | 1954/8 |        | LB2  |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| 10 h.p.           | 4-cyl.                      | 1932/4 | M7     | M9   | MO   | Brown<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br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| CAR MODEL               |        | Year                              | Needle  |      |      | Colour of Spring |        |
|-------------------------|--------|-----------------------------------|---------|------|------|------------------|--------|
|                         |        |                                   | Rich    | Std. | Weak |                  |        |
| M.G.—continued          |        |                                   |         |      |      |                  |        |
| 2228 c.c.               | 6-cyl. | SA type                           | 1936/8  | CL   | CH   | CK               |        |
| 1548 c.c.               |        | VA Saloon                         | 1937/9  | BK   | CO   | CP               |        |
| 1292 c.c.               |        | TA S/C                            | 1938    |      | 76   |                  |        |
| 2.6-litre               | 6-cyl. | WA Saloon                         | 1939    |      | EL   |                  |        |
| 1250 c.c.               |        | TC/TD                             | 1939/53 | EM   | ES   | AP               |        |
| 1250 c.c.               |        | Y type Saloon                     | 1947/50 | DK   | F1   | EF               |        |
| 1250 c.c.               |        | Y type Tourer                     | 1948    | EM   | ES   | AP               |        |
| 1250 c.c.               |        | TC Competition                    | 1949    | AQ   | LS1  |                  | Red    |
| 1250 c.c.               |        | TC S/C Competition                | 1949    |      | RM7  |                  | Yellow |
| 1250 c.c.               |        | TD Competition                    | 1951    | AQ   | LS1  |                  | Red    |
| 1466 c.c.               |        | TD Competition                    | 1953    | GK   | CV   | BC               | Blue   |
| 1250 c.c. and 1500 c.c. |        | TF                                | 1954/5  | H1   | G1   | GL               | Blue   |
|                         |        | ZA Magnetie                       | 1954/5  | M    | GM   | GO               | Red    |
| 1500 c.c.               |        | A type                            | 1955/9  | CC   | GS   | 4                | Red    |
|                         |        | ZA/ZB Magnetie                    | 1956/7  |      | EO   | M5               | Red    |
|                         |        | ZB Magnetie                       | 1958    |      | EQ   | M5               | Red    |
| 1588 c.c.               |        | Twin Cam                          | 1958    | RM   | OA6  | OA7              | Red    |
|                         |        | Magnetie (Mk. III)                | 1959/61 | FT   | FU   | FS               | Red    |
| 1588 c.c.               |        | A type                            | 1959/61 |      | 6    |                  |        |
| MORRIS                  |        |                                   |         |      |      |                  |        |
|                         |        | M.C.C. Leader                     | 1930/4  |      | P4   |                  |        |
|                         |        | M.C.C. Ambulance                  | 1931    |      | HV3  |                  |        |
| 15 h.p. Taxi            |        | M.C.C. Taxi                       | 1931    |      | M8   |                  |        |
| 14 h.p.                 |        | M.C.C. Taxi                       | 1932    |      | M7   |                  |        |
|                         |        | M.C.C. 30-cwt.                    | 1932    |      | 80   |                  |        |
| 10 h.p.                 |        | MA                                | 1933    | M7   | M9   | MO               |        |
|                         |        | M.C.C. JF Courier                 | 1932    |      | C1   |                  |        |
| 16 h.p.                 | 6-cyl. | Oxford QA type                    | 1933    | HZ   | QA   | QW               |        |
|                         |        | Minor S.W.B., L.W.B.              | 1933    | M7   | M9   | MO               |        |
| 12/14 h.p.              |        | Cowley                            | 1933    | M1   | M2   | S                |        |
| 14 h.p.                 |        | Cowley Van                        | 1933    | M5   | M6   | S                |        |
| 14/15 h.p.              |        | Major LE type                     | 1933    | M5   | MA   | S                |        |
| 25 h.p.                 | 6-cyl. | J1 type                           | 1933    | KW   | OA6  | OA7              |        |
|                         |        | Minor Van                         | 1933    | M7   | M9   | MO               |        |
| 18 h.p.                 | 6-cyl. | Isis                              | 1933    | S6   | S5   | 4                |        |
|                         |        | Minor S.W.B., L.W.B.              |         |      |      |                  |        |
|                         |        | 5-cwt. Van                        | 1934    | M7   | M9   | MO               |        |
| 10 h.p.                 | 6-cyl. | MB type                           | 1934    | M5   | MA   | S                |        |
| 10 h.p.                 | 6-cyl. | RA type                           | 1934    | H4   | 1    | M5               |        |
| 12 h.p.                 |        | Cowley TA type                    | 1934    | 1    | A1   | 6                |        |
| 14 h.p.                 |        | 8/10-cwt. Cowley Van              | 1934    | M1   | M2   | S                |        |
| 15 h.p.                 | 6-cyl. | Cowley LG type                    | 1934    | 2    | AE   | M6               |        |
| 16 h.p.                 | 6-cyl. | Oxford QB type                    | 1934    | H2   | QA   | QW               |        |
| 18 h.p.                 | 6-cyl. | Isis JK type                      | 1934/5  | S6   | S5   | 4                |        |
| 25 h.p.                 | 6-cyl. | OE type                           | 1934    | KW   | OA6  | OA7              |        |
| 1378 c.c.               |        | Ten-Six Special RB type           | 1934    | WX   | AK   | D6               |        |
|                         |        | Cowley Van G.P.O.                 | 1934    | M1   | M2   | 6                |        |
|                         |        | Van (Carb. No. 1900)              | 1935    | MA   | BA   | M7               |        |
| 8 h.p.                  |        | MF type                           | 1935    | M5   | MA   | M6               |        |
| 10 h.p.                 | 4-cyl. | TE type                           | 1935    | M5   | AP   | M6               |        |
| 12 h.p.                 | 4-cyl. | RD type                           | 1935    | M5   | MA   | M6               |        |
| 10 h.p.                 | 6-cyl. | 8/10-cwt. Van TF type             | 1935    | 4    | AJ   | M1               |        |
| 12 h.p.                 |        | Ten-Six Special RF type           | 1935    | WX   | AK   | D6               |        |
| 1378 c.c.               |        | LJ type                           | 1935    | R3   | AE   | WX               |        |
| 15 h.p.                 | 6-cyl. | Oxford QD type                    | 1935    | H4   | 2    | M6               |        |
| 16 h.p.                 | 6-cyl. | Oxford QD type                    | 1935    | H4   | 2    | M6               |        |
| 20 h.p.                 |        | Oxford Twenty JK type             | 1935    | S6   | AM   | 4                |        |
| 8 h.p.                  |        | Saloon, 5-cwt. Van (Series I, II) | 1936/8  | M6   | BD   | M7               |        |
| 10 h.p.                 | 4-cyl. | MK type (Series II)               | 1936/7  | H1   | AR   | AD               |        |
| 10 h.p.                 | 4-cyl. | MSJM type (Series II)             | 1936/7  | E3   | AT   | BT               |        |
| 12 h.p.                 | 4-cyl. | TJ type (Series II)               | 1936/7  | H1   | AR   | AD               |        |
| 12 h.p.                 | 4-cyl. | TSBM type (Series II)             | 1936/7  | M1   | M2   | S                |        |

| CAR MODEL                    |                                                           | Year    | Needle |      |      | Colour of Spring |
|------------------------------|-----------------------------------------------------------|---------|--------|------|------|------------------|
|                              |                                                           |         | Rich   | Std. | Weak |                  |
| Morris—continued             |                                                           |         |        |      |      |                  |
| 12 h.p.                      | 8/10-cwt. Van TK type (Series II) . . . . .               | 1936/7  | H1     | AR   | AD   |                  |
| 14 h.p.                      | 6-cyl. QSDM type (Series II) . . . . .                    | 1936/7  | RO     | AY   | JM   | Green            |
| 16 h.p.                      | 6-cyl. QH type (Series II) . . . . .                      | 1936/7  | RG     | RO   | AM   | Green            |
| 18 h.p.                      | 6-cyl. QJ/QSHM types (Series II) . . . . .                | 1936/7  | RLB    | BE   | 6    | White            |
| 21 h.p.                      | 6-cyl. OJ type (Series II) . . . . .                      | 1936/7  | KWR    | RJ   | RK   | White            |
| 25 h.p.                      | 6-cyl. OK type (Series II) . . . . .                      | 1936/7  | KWR    | RJ   | RK   | White            |
| 10 h.p.                      | 4-cyl. MPJM type (Series III) . . . . .                   | 1938    | DK     | DJ   | DM   | White            |
| 12 h.p.                      | 4-cyl. TPBM type (Series III) . . . . .                   | 1938/9  | 3      | V2   | V3   |                  |
| 14 h.p.                      | 6-cyl. QPDM type (Series III) . . . . .                   | 1938/9  | AQ     | GA   | 61   |                  |
| 14 h.p.                      | 6-cyl. QPDM (Oil bath air cleaner) . . . . .              | 1938/9  |        | R3   |      |                  |
| 25 h.p.                      | 6-cyl. Open type (Series III) . . . . .                   | 1938/9  | DG     | DF   | OA6  |                  |
| 8 h.p.                       | Series E & 5-cwt. Z Van . . . . .                         | 1939/47 | M9     | EK   | MOW  |                  |
| 10 h.p.                      | Series M . . . . .                                        | 1939/47 | 3      | EF   | AD   |                  |
|                              | 10-cwt. Van (Series Y) . . . . .                          | 1939/47 | M1     | M2   | 5    |                  |
| 14 h.p.                      | Ambulance . . . . .                                       | 1942    | ER     | BT   |      |                  |
| 8 h.p.                       | Minor (Series MM) . . . . .                               | 1948/50 | M9     | EK   | MOW  |                  |
|                              | Oxford (Series MO) . . . . .                              | 1948/9  | E5     | PP   | H8   | Red              |
|                              | Six (Series MS) . . . . .                                 | 1948/50 | AA     | B1   | V5   | Red              |
|                              | Oxford (Series MO) . . . . .                              | 1950/4  | 3      | V2   | V5   | Red              |
|                              | Six (Series MS) . . . . .                                 | 1951/4  | AA     | B1   | V5   | Red              |
|                              | Minor (Series MM) . . . . .                               | 1951/2  | M9     | EX   | MOW  |                  |
|                              | Minor (Series II) O.H.V. . . . .                          | 1953/6  | EB     | GG   | MOW  |                  |
|                              | Oxford (Series II) BP15M . . . . .                        | 1954    | M6     | M8   | MO   | Green            |
|                              | Hindustan (India only) . . . . .                          | 1954    |        | V3   |      | Red              |
|                              | Cowley BP12M . . . . .                                    | 1954/6  | M6     | M8   | MO   | Red              |
|                              | Isis C26M . . . . .                                       | 1954/7  | BE     | 6    | AO   | Green            |
|                              | Oxford (Series II) . . . . .                              | 1955/6  | M6     | M8   | MO   | Green            |
|                              | Oxford (Series III) & Cowley L.C. . . . .                 | 1957    | HA     | EB   | GG   | Green            |
|                              | Oxford (Series III) & Cowley H.C. . . . .                 | 1957    | AH2    | M    | CF   | Yellow           |
|                              | Minor 1000 . . . . .                                      | 1957    | S      | BK1  | MO   | Red              |
|                              | Minor 1000 (Paper air cleaner) . . . . .                  | 1957    |        | M    |      | Red              |
|                              | Isis (Rubber fuel line) . . . . .                         | 1957    | BE     | 7    | AO   | Green            |
|                              | Hindustan (Rubber fuel line) . . . . .                    | 1957    |        | V3   |      | Red              |
|                              | Minor 1000 (Steel levers) . . . . .                       | 1958    | S      | BK1  | MO   | Red              |
|                              | Minor 1000 (Steel levers) and paper air cleaner . . . . . | 1958    |        | M    |      | Red              |
|                              | Oxford L.C. (Steel levers) . . . . .                      | 1958    | HA     | EB   | GG   | Green            |
|                              | Oxford H.C. (Steel levers) . . . . .                      | 1958    | AH2    | M    | CF   | Yellow           |
|                              | Minor 1000 . . . . .                                      | 1959    | AH2    | M    | CF   | Red              |
|                              | Oxford V . . . . .                                        | 1959/61 | AH2    | M    | CF   | Red              |
|                              | Mini-Minor . . . . .                                      | 1959/61 | M      | EB   | GG   | Red              |
| MORRIS TWIN-CARBURETTER SETS |                                                           |         |        |      |      |                  |
|                              | Minor (Series MM, II), Derrington . . . . .               | 1948/56 | M9     | EK   | MOW  |                  |
|                              | Oxford (Series MO, II, III) Derrington . . . . .          | 1950/7  | CJ     | H8   | MO   | Red              |
|                              | Minor (Series II) Alexander Eng. . . . .                  | 1953/6  | EB     | GG   | MOW  |                  |
| 950 c.c.                     | Minor Power Drive . . . . .                               | 1957    | EB     | GG   | MOW  |                  |

| CAR MODEL  |             | Year                                           | Needle |     |      | Colour of Spring |
|------------|-------------|------------------------------------------------|--------|-----|------|------------------|
|            |             |                                                | Rich   | Std | Weak |                  |
| RILEY      |             |                                                |        |     |      |                  |
| 9 h.p.     | 4-cyl.      | .. .. . 1930                                   |        | D4  |      |                  |
| 9 h.p.     | 4-cyl.      | Brooklands S/C .. .. . 1930                    |        | K   |      |                  |
| 9 h.p.     | 4-cyl.      | Brooklands S/C .. .. . 1931                    |        | D2  |      |                  |
| 9 h.p.     | 4-cyl.      | Brooklands S/C (heated induction) .. .. . 1931 | D7     | D1  | PJ   |                  |
| 9 h.p.     | 6-cyl.      | .. .. . 1930                                   |        | O7  |      |                  |
| 12 h.p.    | 6-cyl.      | .. .. . 1933                                   |        | R6  | RO   |                  |
| 14 h.p.    | 6-cyl.      | .. .. . 1933                                   | RLS    | RLB | MME  |                  |
| 9 h.p.     | 4-cyl.      | Ulster Racing .. .. . 1932/3                   |        | V5  |      |                  |
| 9 h.p.     | 4-cyl.      | .. .. . 1930                                   | M5     | M6  | H7   |                  |
| 14 h.p.    | 6-cyl.      | Special Sports .. .. . 1932                    | B1     | R3  | 2    |                  |
| 9 h.p.     | 4-cyl.      | .. .. . 1932                                   | 1      | M5  | M6   |                  |
| 9 h.p.     | 4-cyl.      | Sports .. .. . 1933                            | D7     | D1  | PJ   |                  |
| 12/40 h.p. | 6-cyl.      | Sports .. .. . 1933/4                          | WX     | CW  | CX   |                  |
| 9 h.p.     | 4-cyl.      | Sports .. .. . 1934                            | 1      | MA  | 5    |                  |
| 12 h.p.    | 6-cyl.      | .. .. . 1934                                   | R6     | RO  | AH   |                  |
| 14 h.p.    | 6-cyl.      | .. .. . 1934                                   | RLS    | RLB | MME  |                  |
| 14 h.p.    | 6-cyl.      | Special Sports .. .. . 1934                    | B1     | R3  | 2    |                  |
|            | 6-cyl.      | M.P.H. .. .. . 1935                            |        | MME |      |                  |
| 1½-litre   | 4-cyl.      | Sports .. .. . 1935/6                          |        | A3  |      |                  |
| 12 h.p.    | 4-cyl.      | Special .. .. . 1935                           |        | WO3 |      |                  |
| 12 h.p.    | 4-cyl.      | Special .. .. . 1936/7                         |        | CC  |      |                  |
| 16 h.p.    | 4-cyl.      | .. .. . 1939                                   |        | 6   |      | White            |
| 12 h.p.    | 4-cyl.      | RMA & Export .. .. . 1939/53                   | BY     | J   | V2   |                  |
| 16 h.p.    | 4-cyl.      | RMB, RMC, RMF .. .. . 1946/54                  | CY     | EE  | EH   |                  |
| 16 h.p.    | 4-cyl.      | Export .. .. . 1948/52                         | CY     | EE  | EH   |                  |
| 12 h.p.    | 4-cyl.      | Oversize carburettor .. .. . 1950/1            |        | 61  |      |                  |
| 12 h.p.    | 4-cyl.      | Oversize carburettor .. .. . 1952              | WXI    | AK  | D6   |                  |
| 12 h.p.    | 4-cyl.      | Oversize carburettor .. .. . 1955              |        | 3   |      | Red              |
| 16 h.p.    | 4-cyl.      | Pathfinder .. .. . 1955/7                      | CY     | EE  | EH   |                  |
| 2-6 litre  | 6-cyl.      | .. .. . 1957/9                                 | FR     | AJ  | V2   |                  |
|            |             | 1-5 & Export .. .. . 1957/61                   | AR     | AD  | HA   | Red              |
|            |             | 4/68 .. .. . 1959/61                           | FT     | FU  | FS   | Red              |
| ROVER      |             |                                                |        |     |      |                  |
| 10 h.p.    | 4-cyl.      | .. .. . 1930                                   |        | M6  |      |                  |
| 20 h.p.    | 6-cyl.      | .. .. . 1932                                   | 55     | 58  |      | Brown            |
| 14 h.p.    |             | Speed Pilot .. .. . 1934/6                     | H4     | 1   | M5   |                  |
| 20 h.p.    |             | Speed Meteor .. .. . 1934                      | 4      | 3   | L    |                  |
| 10/12 h.p. | 6-cyl.      | .. .. . 1934                                   | 7      | CP4 | CQ   | Green            |
| 10/12 h.p. |             | (Smith air cleaner) .. .. . 1935               | B1     | JM  | 10   | Green            |
| 10/12 h.p. |             | .. .. . 1936                                   | BG     | AZ  | BF   | Green            |
| 10/12 h.p. |             | .. .. . 1937                                   | S6     | CN  | 5    | Green            |
| 14 h.p.    |             | .. .. . 1934                                   | AG     | CS2 | CT   | Green            |
| 14 h.p.    |             | .. .. . 1935                                   | RLS    | R6  | MME  | Green            |
| 10 h.p.    |             | Police car .. .. . 1936                        |        | 61  |      |                  |
| 10/12 h.p. |             | .. .. . 1937/8                                 | S6     | CN  | 5    | Green            |
| 14 h.p.    |             | .. .. . 1937/8                                 | RLS    | R6  | MME  | Green            |
| 16/20 h.p. |             | .. .. . 1937/8                                 | RO     | BP  | BQ   | Green            |
| 10/12 h.p. |             | .. .. . 1939                                   |        | CN  | 5    | Green            |
| 14 h.p.    |             | .. .. . 1939                                   | RO     | EA  | 5    | Green            |
| 16 h.p.    |             | .. .. . 1939                                   | EI     | EC  | EA   | Green            |
| 20 h.p.    |             | .. .. . 1939                                   | RO     | BP  | BQ   | Green            |
| 2-1-litre  | 75          | .. .. . 1950/4                                 | GE     | FV  | CR   | Yellow           |
| 2-litre    | 60          | .. .. . 1954/9                                 |        | GI  | CS   | Green            |
| 2-2-litre  | 75          | .. .. . 1954/9                                 |        | SS  | SY   | Yellow           |
| 2-6-litre  | 90          | .. .. . 1954/9                                 |        | SS  | SY   | Yellow           |
| 2-6-litre  | 90          | .. .. . 1956/9                                 |        | SZ  | KW   | Yellow           |
| 2-6-litre  | 105R & 105S | .. .. . 1957/8                                 |        | TM  |      | Yellow           |
| 2-6-litre  | 105/105S    | .. .. . 1959                                   |        | TH  |      | Yellow           |
| 2-6-litre  | 100 P4      | .. .. . 1959/61                                |        | SS  |      | Yellow           |
| 3-litre    | P5          | .. .. . 1958/61                                |        | UF  |      | Red/ Green       |

| CAR MODEL                  |                             | Year    | Needle |      |      | Colour of Spring |
|----------------------------|-----------------------------|---------|--------|------|------|------------------|
|                            |                             |         | Rich   | Std. | Weak |                  |
| <b>SINGER</b>              |                             |         |        |      |      |                  |
| 1½-litre                   | Le Mans (Mk. I)             | 1934    |        | I    |      |                  |
| 9 h.p.                     | 4-cyl. Sports               | 1935    | WX     | WXI  | AK   |                  |
| 11 h.p.                    | 4-cyl. Sports               | 1935    |        | CW   |      |                  |
| 16 h.p.                    |                             | 1937    |        | RO   |      |                  |
| 12 h.p.                    | Sports                      | 1937/8  |        | M2   |      |                  |
| 9 h.p.                     | 4-cyl.                      | 1939/46 | SS     | AH2  | QW   | Yellow           |
| 10 h.p.                    | 4-cyl.                      | 1939/46 | WX     | O7   | CX   | Green            |
| <b>STANDARD</b>            |                             |         |        |      |      |                  |
| 9 h.p.                     | 4-cyl.                      | 1930    |        | MO   |      |                  |
| 9 h.p.                     | Little Nine                 | 1933    |        | M9   |      |                  |
| 8/10 h.p.                  | 4-cyl.                      | 1955/6  |        | D3   |      |                  |
| 2-litre                    | Vanguard Sportsman          | 1957    | SD     | TC   | TJ   | Red              |
| 10 h.p.                    | Pennant                     | 1958    |        | MOW  |      |                  |
| <b>TRIUMPH</b>             |                             |         |        |      |      |                  |
| 7 h.p.                     | 4-cyl.                      | 1930    |        | D4   |      |                  |
| 9 h.p.                     | Coventry Climax             | 1933    |        | M5   |      | Yellow           |
| 12 h.p.                    | 4-cyl.                      | 1935    | H4     | I    | M5   |                  |
| 12 h.p.                    | 4-cyl. Vitesse              | 1935    | CW     | CX   | D2   |                  |
| 16 h.p.                    | 6-cyl. Sports               | 1935    | LJ2    | 4    | S4   | Yellow           |
| 14 h.p.                    | 4-cyl.                      | 1936    |        | CD   |      |                  |
| 16 h.p.                    | 6-cyl.                      | 1936/7  | B1     | CB   | 61   |                  |
| 14 h.p.                    | 4-cyl.                      | 1937    |        | CD   |      |                  |
| 14 h.p.                    | 4-cyl.                      | 1938    | M5     | MA   | M6   |                  |
| 16 h.p.                    | 6-cyl.                      | 1938    | LSI    | US   | 62   |                  |
| 16 h.p.                    | 6-cyl.                      | 1939    |        | 1    |      |                  |
|                            | TR2                         | 1953    | MME    | 7    | AO   | Red              |
|                            | TR2                         | 1954/5  | GER    | FV   | CR   | Red              |
|                            | TR3/TR3a                    | 1956/8  | RH     | SM   | SL   | Red              |
|                            | Herald                      | 1959/60 | EB     | GV   |      |                  |
| <b>TRIUMPH Motor-cycle</b> |                             |         |        |      |      |                  |
|                            | 6T Thunderbird              | 1951/6  | S      | M9   | MO   | Red              |
|                            | Metropolitan Police Model   | 1952/3  |        | EP   |      | Red              |
|                            | 500 S.V. (TRW)              | 1952    |        | MOW  |      | Red              |
| <b>VANDEN PLAS</b>         |                             |         |        |      |      |                  |
| 3-litre                    | Princess                    | 1960    |        | M5   | HA   | Yellow           |
| <b>VOLVO</b>               |                             |         |        |      |      |                  |
| 1½-litre                   | 444                         | 1954/56 | CU     | CZ   | CF   | Red              |
|                            | P1800                       | 1961    |        | TZ   |      | Red              |
| 1½-litre                   | 444 and Saxomat             | 1957/61 | 6      | GT   | QW   | Red              |
| 1½ litre                   |                             | 1961    |        | GW   |      | Red              |
| <b>WOLSELEY</b>            |                             |         |        |      |      |                  |
| 12 h.p.                    | 6-cyl. Viper                | 1930    |        | V2   |      |                  |
| 12 h.p.                    | 6-cyl. Hornet               | 1930    | VS     | H4   | V2   |                  |
|                            | Hornet (Derrington Special) | 1931    |        | M9   |      |                  |
|                            | Hornet (Patrick Special)    | 1931    |        | PJ   |      |                  |
|                            | Hornet (Derrington Special) | 1931    |        | AC   |      | Yellow           |
|                            | Hornet (Sports)             | 1932    | WX     | WX1  | AK   |                  |
| 16 h.p.                    | 6-cyl. V type               | 1933    |        | S6   | 90   |                  |
| 21/60 h.p.                 | 6-cyl. County & L.W.B.      | 1933    | AQ     | S6   | AM   |                  |
| 12 h.p.                    | 6-cyl. Hornet               | 1933    | VS     | H4   | V2   |                  |
|                            | Hornet Special Sports       | 1933    | WX     | WX1  | AK   |                  |
|                            | Hornet March S/C Special    | 1933    |        | BC   |      | White            |
| 9 h.p.                     | 4-cyl.                      | 1934    | H4     | W3   | MA   |                  |
| 9 h.p.                     | 4-cyl. (Heated Induction)   | 1934    |        | L    |      |                  |
| 9 h.p.                     | 4-cyl.                      | 1935    |        | H6   |      |                  |

| CAR MODEL          |        |                                            | Year    | Needle |      |      | Colour of Spring |
|--------------------|--------|--------------------------------------------|---------|--------|------|------|------------------|
|                    |        |                                            |         | Rich   | Std. | Weak |                  |
| Wolseley—continued |        |                                            |         |        |      |      |                  |
| 12 h.p.            | 6-cyl. | Hornet & Wasp .. ..                        | 1934/6  | AA     | L11  | L12  |                  |
| 12 h.p.            | 6-cyl. | Hornet (Heated Induc-<br>tion) .. ..       | 1934    |        | 3    |      |                  |
| 12 h.p.            | 6-cyl. | Hornet .. ..                               | 1934    | V5     | H4   | V2   |                  |
|                    |        | Hornet Sports .. ..                        | 1934    | 61     | 62   | AJ   |                  |
| 16 h.p.            | 6-cyl. | V type .. ..                               | 1935    |        | 56   | 80   |                  |
| 21/60 h.p.         | 6-cyl. | County & L.W.B. .. ..                      | 1935    | AQ     | 56   | AM   |                  |
| 14 h.p.            | 6-cyl. | County & Wasp .. ..                        | 1935    | AQ     | 56   | AM   |                  |
| 18 h.p.            | 6-cyl. | .. ..                                      | 1935    | MME    | 7    | AO   |                  |
| 14 h.p.            |        | Hornet Special .. ..                       | 1935    | AE     | WX   | WX1  |                  |
| 10 h.p.            |        | Wasp .. ..                                 | 1936    | 1      | AU   | HA   |                  |
| 10/40 h.p.         |        | Series II (MPJ) .. ..                      | 1936    | RO     | 5    | AJ   | Green            |
| 12/48 h.p.         |        | Series II (TPB) .. ..                      | 1936/8  | RO     | 5    | AJ   | Green            |
| 14/56 h.p.         |        | Series II (QPDW) .. ..                     | 1936/8  | D7     | DM   | D1   | Green            |
|                    |        | Super Sixteen Series II<br>(QPFV) .. ..    | 1936/7  | AE     | D8   | WX1  | Green            |
| 18/80 h.p.         |        | Series II (QPHW) .. ..                     | 1936    | HV3    | CG   | CJ   | Green            |
| 21/25 h.p.         |        | Series II, III .. ..                       | 1936/9  | S4     | AH2  | AH   | White            |
| 18 h.p.            |        | Series III (QPHW 3) .. ..                  | 1938/46 | HV3    | CG   | CJ   | Green            |
|                    |        | Super Sixteen Series III<br>(QPFV 3) .. .. | 1938/9  | CG     | CJ   | HB   | Green            |
| 14 h.p.            |        | Series III (QPDW) .. ..                    | 1939/46 | M6     | EH   | DA   | Green            |
| 12 h.p.            |        | Series III (TPBW) .. ..                    | 1937/46 | L12    | 4    | S4   | Green            |
| 10 h.p.            |        | Series III (XPJW) .. ..                    | 1939/47 | CD     | FC   | DQ   |                  |
| 25 h.p.            |        | Sportsman's Coupé &<br>L.W.B. .. ..        | 1938    | S4     | AH2  | AH   | White            |
| 8 h.p.             |        | UPHW & L.H. .. ..                          | 1946    | 3      | V2   | V3   | Yellow           |
| 14 h.p.            | 4-cyl. | Taxi .. ..                                 | 1946    | QA     | QW   | AT   |                  |
|                    | 4-cyl. | 4/50 .. ..                                 | 1948/53 | EE     | EM   | 1    | Red              |
|                    | 6-cyl. | 6/80 .. ..                                 | 1948/53 | CJ     | HB   | MO   | Red              |
|                    | 4-cyl. | 4/44 .. ..                                 | 1953    | V5     | FJ   | 1    |                  |
|                    | 6-cyl. | 6/90 L.C. .. ..                            | 1954/7  | 3      | GR   | V2   | Red              |
|                    | 4-cyl. | 4/44 .. ..                                 | 1954/6  |        | BT   |      |                  |
|                    | 6-cyl. | 6/90 H.C. .. ..                            | 1956/7  | CM     | BV   | 3    | Red              |
|                    | 4-cyl. | 6/90 H.C. .. ..                            | 1957    | FJ     | 1    | M5   | Red              |
|                    | 4-cyl. | 15/50 L.C. .. ..                           | 1956/9  | HA     | EB   | GG   | Green            |
|                    | 4-cyl. | 15/50 H.C. .. ..                           | 1957    | AH2    | M    | CF   | Yellow           |
|                    | 4-cyl. | 1500 L.C. (Rubber fuel<br>line) .. ..      | 1957/8  | HA     | EB   | GG   | Green            |
|                    | 4-cyl. | 15/50 H.C. (Rubber<br>fuel line) .. ..     | 1957    | AH2    | M    | CF   | Yellow           |
|                    | 6-cyl. | 6/90 L.C. (Rubber fuel<br>line) .. ..      | 1957/9  | 3      | GR   | V2   | Red              |
|                    | 6-cyl. | 6/90 H.C. (Rubber fuel<br>line) .. ..      | 1957/9  | FJ     | 1    | M5   | Red              |
|                    | 4-cyl. | 15/50 H.C. .. ..                           | 1958/9  | AH2    | M    | CF   | Yellow           |
|                    | 4-cyl. | 1500, 15/60 .. ..                          | 1959/61 | AH2    | M    | CF   | Red              |
|                    | 6-cyl. | 6/99 .. ..                                 | 1959/61 |        | M5   | HA   | Yellow           |