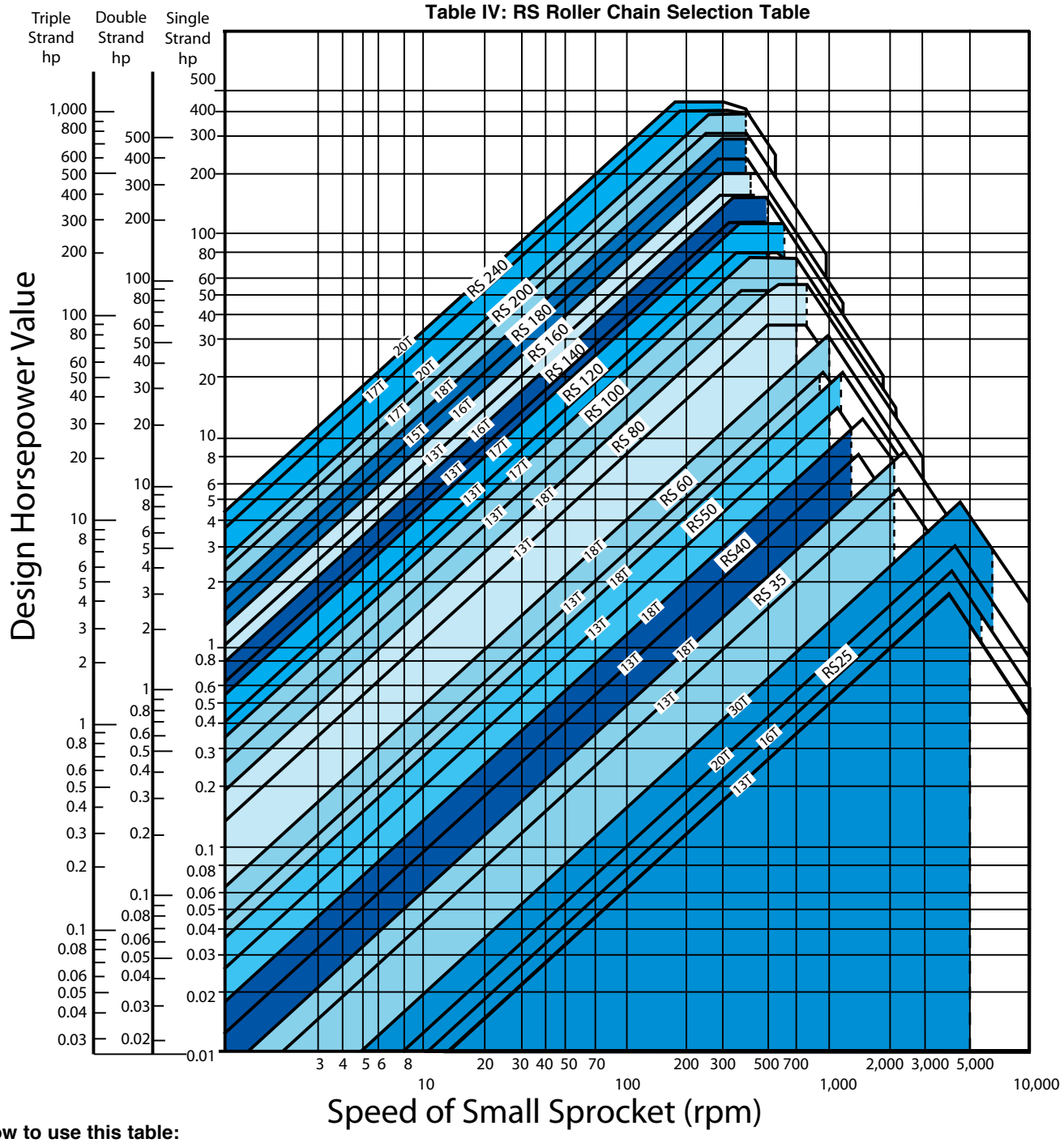
Table IV: RS Roller Chain Selection Table



How to use this table:

1. Example … Design horsepower – 8 HP
   a). Assume that the RPM of the small sprocket is 100.
   Judging from the intersection point of the design horsepower's value of 8 HP and the RPM value of 100, RS80 and a sprocket with 13 teeth can be selected.
   b). Assume that the RPM of the small sprocket is 300.
   An RS60-13 tooth sprocket is appropriate from the intersection point in the same manner as above. The line for RS60-18 tooth sprocket can also be seen near the intersection of 8 HP and 300 RPM. Therefore, either RS60-13 teeth or RS60-18 teeth can be selected. Sprockets with 13 teeth are more economical than those with 18 teeth.
   c.) This table is used to make a tentative selection. The Horsepower Rating Tables should be used to determine the most appropriate chain and sprocket.
2. When using a chain in the white part on the right side of the table, please consult with U.S. Tsubaki.
3. When the chain speed is less than 160 ft/min., it is more economical to select your RS roller chain by the selection method for slow speed drives (see page A-23).