

## Preload & Clearance - HRC

| Preload Class | Definition     | 15         | 20         | 25         | 30         | 35         | 45         | Application   |
|---------------|----------------|------------|------------|------------|------------|------------|------------|---|
| V0            | Light Preload  | +0 to -4   | +0 to -5   | +0 to -6   | +0 to -7   | +0 to -8   | +0 to -10  | precision applications<br>smooth motion,<br>low friction      |
| V1            | Medium Preload | -4 to -12  | -5 to -14  | -6 to -16  | -7 to -19  | -8 to -22  | -10 to -25 | precision motion,<br>high stiffness,<br>high load             |
| V2            | Heavy Preload  | -12 to -19 | -14 to -23 | -16 to -26 | -19 to -31 | -22 to -35 | -25 to -40 | precision motion,<br>super high stiffness,<br>super high load |