

# CAP & PAD SYSTEM

**NOTE:** Compression machine must have 14" + clearance between platens to use Cap & Pad System.

Available for 6", 4", 3", 2" specimen and 2x2 cubes.

## STEEL RETAINING CAPS

After machining, our caps are hardened then surfaced ground to the same specification as compression machine platen.

## NEOPRENE PADS

Our material is manufactured under rigid quality control using AASHTO and ASTM requirements and test procedures.

The pads are cut to precise size used for KAP-IT cap and pad system.

Three grades are available in our reusable cap and pad system.

<u>TEST RANGE</u>	<u>GRADE</u>	<u>MARKING</u>	<u>DUROMETER</u>
4000-12,000	HARD	HS	70
2500-7000	STANDARD	SS	60
1500-6000	SOFT	LS	50

## PROCEDURE GUIDE:

1. Dust surfaces of the pads with cornstarch.
2. Place a pad in each retainer cap.
3. Place one retainer cap on bottom platen add more corn starch to pad.
4. Set specimen to be tested into retainer on neoprene pad.
5. Add cornstarch to top on specimen.
6. Place retainer on top of cylinder pad down.
7. Center the test specimen on platens, perform test.
8. After testing, clean all debris from retainer caps and compression machine (be sure to wipe platen clean) before next test.

### **NOTE:**

- Cornstarch acts as a lubricant and will extend pad life with more consistent test results.
- Turn pad over after 50 uses.
- Pads should normally last for 100 tests. We do not recommend more.