

# HTM High Performance Screw

## Improves Part Quality and Productivity

### Front-to-back Heat Transfer Device:

- Draws Excess Heat from Mixer Area  
***Prevents Overheating***
- Transfers Heat Back to Transition Zone  
***Melts Pellets Quicker***

### Highest Levels of Mixing

### Lowest Levels of Shear

### Provides:

- ***Better Melt Quality*** – for Better Part Quality
- ***Faster Melt*** – for Faster Recovery Times
- ***Lower Front-End Temperatures*** – for Shorter cooling Times



**Can Improve Cycle Time by 15%**

**Available Sizes:** from 1-3/8" (or 35 mm) to 6" (or 155 mm)

### Available Materials:

- Nitralloy, Heat Treated and Nitrided
- 4140 with Colomonoy 56, Heat Treated and Chrome Plated
- 4140 with Stellite 12, Heat Treated and Chrome Plated
- CPM9V, Heat Treated
- Stainless, Carbide and Most Other Specified Materials

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