



歡迎來電/來信索取型錄及洽詢相關業務。  
Please feel free to contact us for product details.



# High Performance Live Centers

Section A of 2017 Machine Tool Accessories

# High Performance Perfetta™ Live Centers

Precision General Purpose Live Center  
60° Standard Steel Point



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CNC High Speed Heavy Duty Live Center  
60° Standard Steel Point or Carbide Point



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CNC Super High Speed Heavy Duty Live Center  
60° Standard Steel Point or Carbide Point



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Precision General Purpose Live Center  
60° Extended Slim Steel Point



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CNC High Speed Heavy Duty Live Center  
60° Extended Medium Slim Steel Point or Carbide Point



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CNC Super High Speed Heavy Duty Live Center  
60° Extended Medium Slim Steel Point or Carbide Point



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Precision General Purpose Live Center  
60° Extended Large Steel Point



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CNC High Speed Heavy Duty Live Center  
60° Extended Small Slim Steel Point or Carbide Point



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CNC Super High Speed Heavy Duty Live Center  
60° Extended Large Steel Point or Carbide Point



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Heavy Duty Live Center  
60° Standard Steel Point



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CNC High Speed Heavy Duty Live Center  
60° Extended Large Slim Steel Point or Carbide Point



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Precision Spring Loaded Live Center  
60° Interchangeable Steel Point with VDI Shank



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Heavy Duty Live Center  
60° Extended Medium Slim Steel Point



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CNC High Speed Heavy Duty Live Center  
60° Extended Large Steel Point or Carbide Point



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Precision Spring Loaded Live Center  
60° Extended Large Steel Point with VDI Shank



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Heavy Duty Live Center  
60° Extended Large Steel Point



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CNC High Speed Heavy Duty Live Center  
For Five Interchangeable Point Styles



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Precision Spring Loaded Live Center  
60° Interchangeable Steel Point with Straight Shank



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Heavy Duty Live Center  
For Five Interchangeable Point Styles



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CNC Super High Speed Heavy Duty Live Center  
Six Piece Interchangeable Points SET



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Precision Spring Loaded Live Center  
60° Extended Large Steel Point with Straight Shank



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Precision  
Live Pipe Center



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CNC Modular Carbide  
Bull Nose Dead Center



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CNC Integral Carbide  
Bull Nose Dead Center



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Extra Heavy Duty Modular  
Bull Nose Live Center



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CNC Bull Nose Extra Heavy Duty  
Modular Dead Center



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Extra Heavy Duty  
Modular Bull Nose Head



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Small Integral  
Pipe Driver

Standard Steel Body



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Medium Modular  
Pipe Driver Spindle

Standard Steel Body



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Extra Heavy Duty Positive  
Bi-directional Pipe Driver

1 3/4" to 23 5/8" Pipe ID  
Diameter Capacity



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# High Performance Perfetta™ Live Centers

CNC Steel Morse Taper Threaded  
Dead Center

60° Steel Point



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CNC Steel Morse Taper  
Threaded Dead Center

60° Extended Steel Point



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CNC Steel Morse Taper  
Threaded Dead Center

60° Interchangeable Steel Point



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Precision CNC Steel Morse Taper  
Dead Center

60° Steel Point



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Precision CNC Steel Morse Taper  
Dead Center

60° Partial Carbide Point



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Precision CNC Steel Morse Taper  
Half Moon Dead Center

60° Steel Point



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Precision CNC Steel Morse Taper  
Half Moon Dead Center

Large 60° Carbide Point



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Precision CNC Steel Morse Taper  
Dead Center

Large 60° Carbide Point



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High Speed Steel Morse Taper  
Extended Dead Center

60° Carbide Point



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High Speed Steel Morse Taper  
Extended Half Moon Dead Center

60° Carbide Point



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Constant Face Driver  
& Driving Pins

Morse Taper



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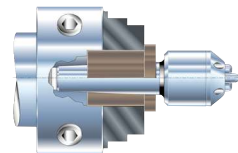
Constant Face Driver  
& Driving Pins

Straight Shank

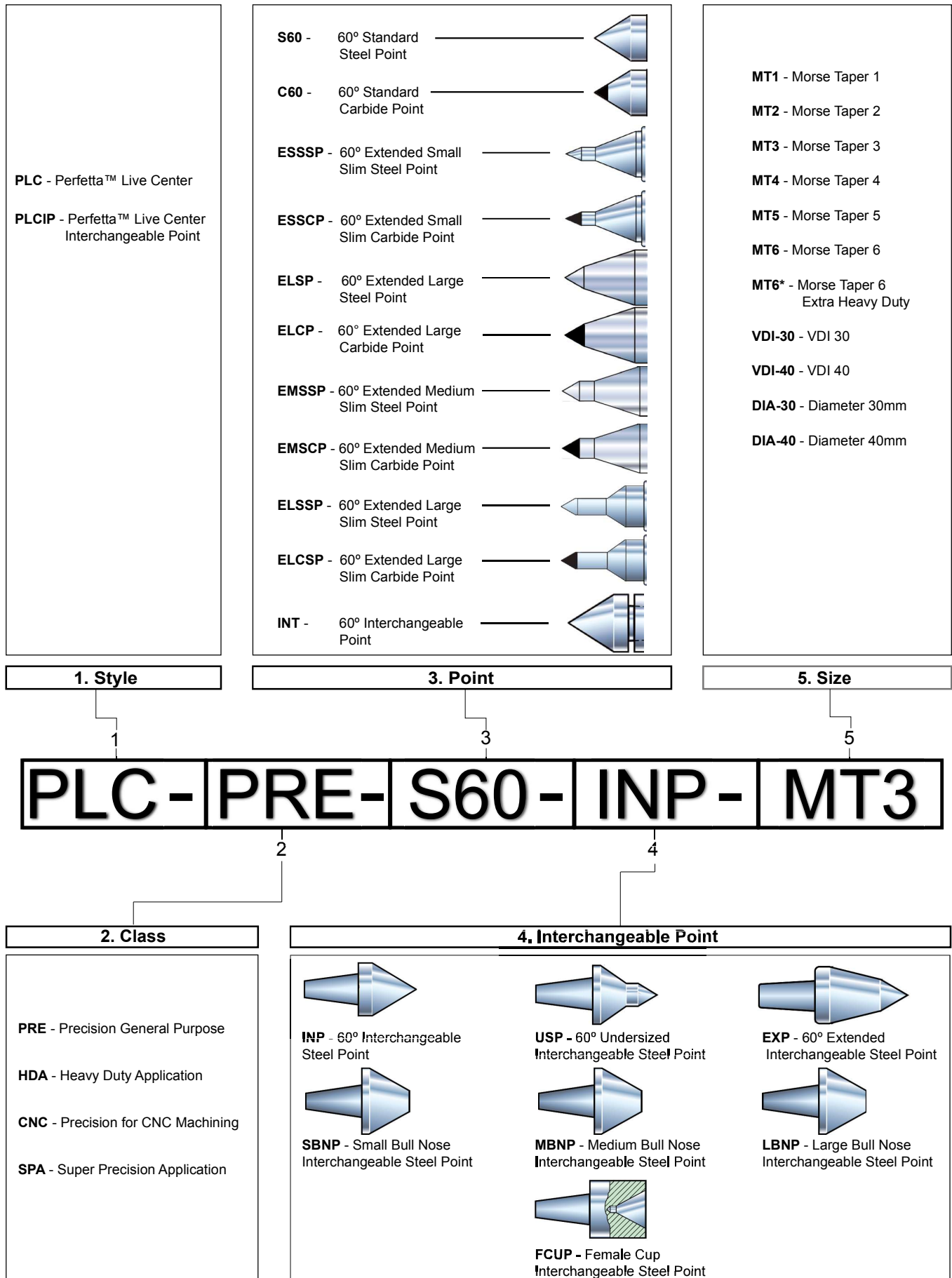


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Morse Taper Bushing  
for Face Driver



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## Features

- Precise Concentricity T.I.R. 0.0001
- High Speed Precision Bearings
- Three Permanently Lubricated Bearings
- Chromium-Molybdenum Alloy Steel
- Surface Heat Treated to 62 Rc and Precision Ground

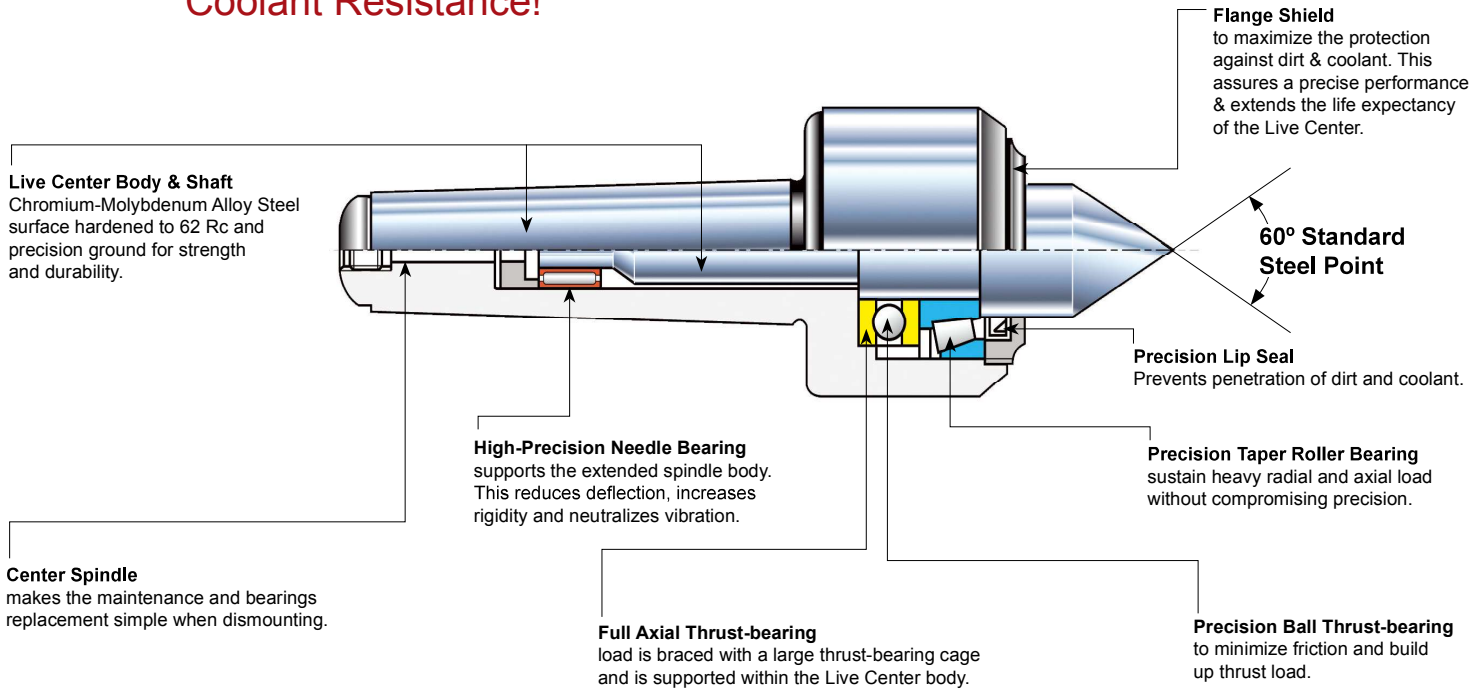
## Application

- Finishing to Light Roughing
- Precision Turning
- Medium Turning Speed
- General Turning Application
- Light to Medium Workpiece

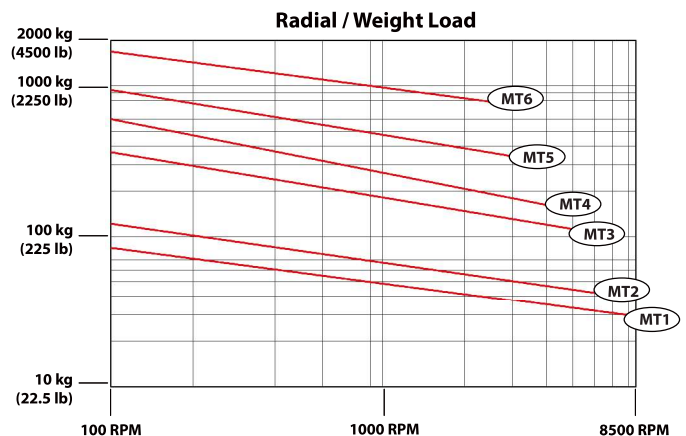
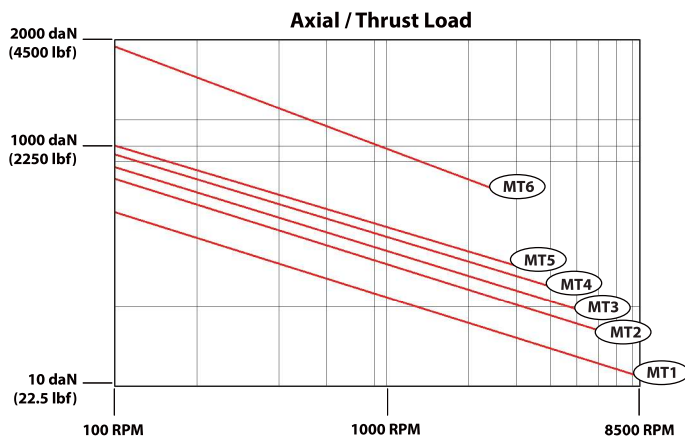
## Suggested Lathe

- Manual Lathes
- Small CNC Machine Center

## Double Shield High Pressure Coolant Resistance!



## Axial / Thrust and Radial / Weight Load



Axial & Radial load is based on 2000 working hours (1 daN = 2.248 lbf) (1kg = 2.248 lb)