

**PROTO**<sup>®</sup>



**PRECISION 90  
PEAR HEAD RATCHETS**

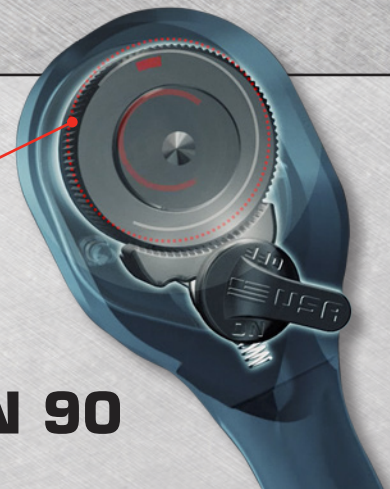
# FEATURES & BENEFITS

- › Available in three drive sizes: 1/4", 3/8" and 1/2".
- › Manufactured to ASME B107.10M specifications.
- › Field repairable.
- › Lifetime Warranty.

- › Double nickel chrome plated for enhanced corrosion protection.

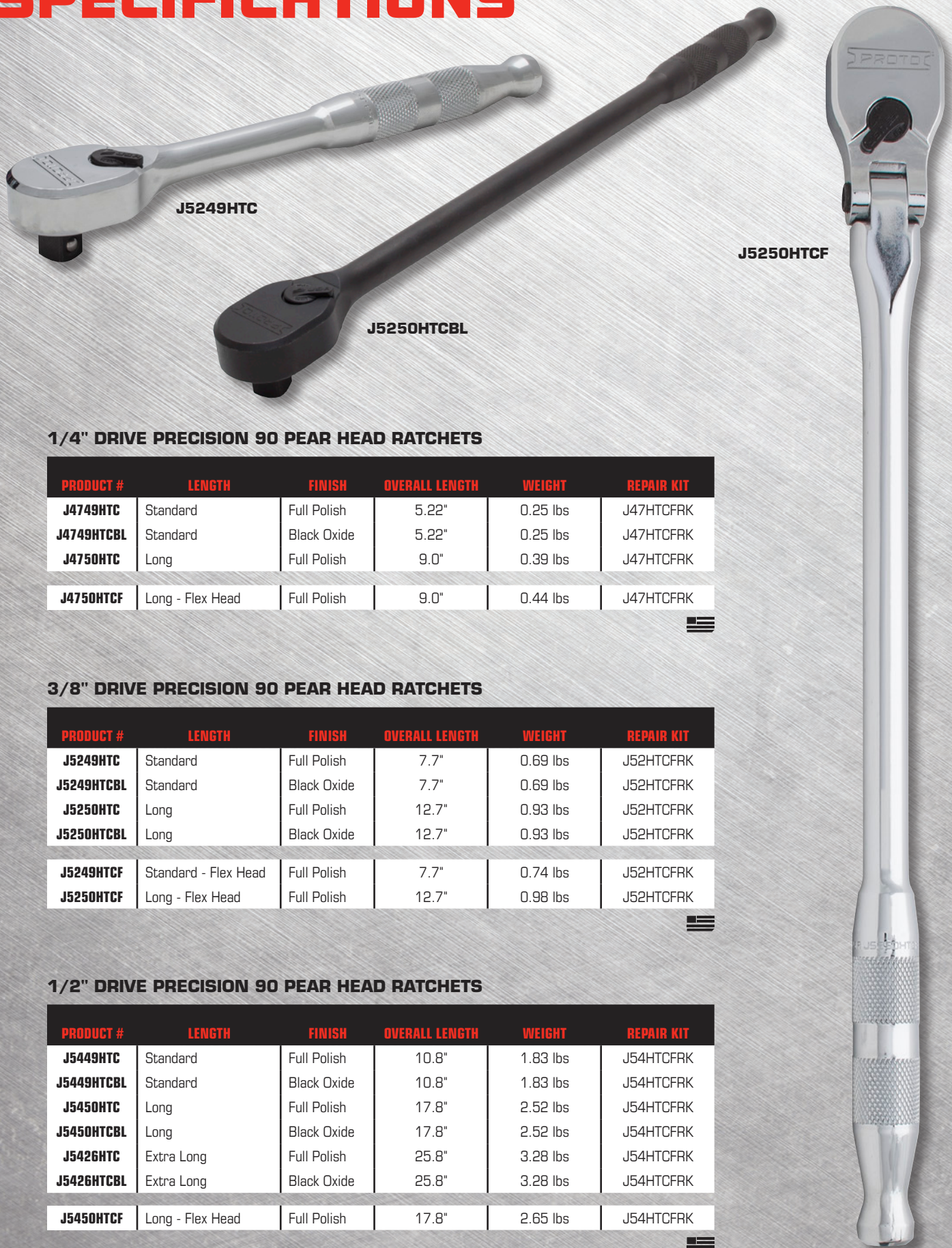


- › 90 tooth count equals 4° arc swing



## PRECISION 90

# SPECIFICATIONS



**J5249HTC**

**J5250HTCBL**

**J5250HTCF**

## 1/4" DRIVE PRECISION 90 PEAR HEAD RATCHETS

PRODUCT #	LENGTH	FINISH	OVERALL LENGTH	WEIGHT	REPAIR KIT
<b>J4749HTC</b>	Standard	Full Polish	5.22"	0.25 lbs	J47HTCFRK
<b>J4749HTCBL</b>	Standard	Black Oxide	5.22"	0.25 lbs	J47HTCFRK
<b>J4750HTC</b>	Long	Full Polish	9.0"	0.39 lbs	J47HTCFRK
<b>J4750HTCF</b>	Long - Flex Head	Full Polish	9.0"	0.44 lbs	J47HTCFRK



## 3/8" DRIVE PRECISION 90 PEAR HEAD RATCHETS

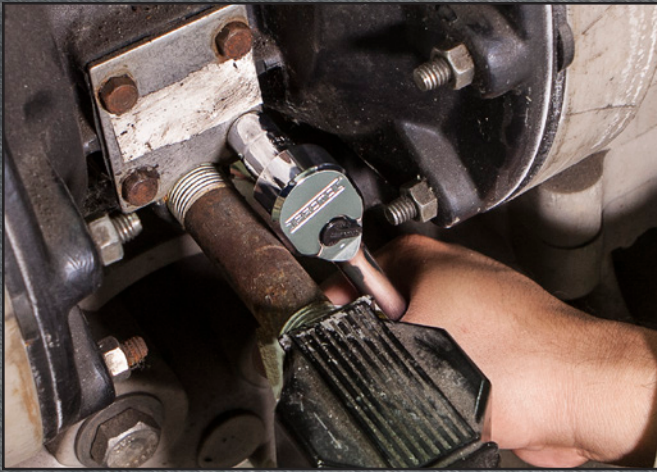
PRODUCT #	LENGTH	FINISH	OVERALL LENGTH	WEIGHT	REPAIR KIT
<b>J5249HTC</b>	Standard	Full Polish	7.7"	0.69 lbs	J52HTCFRK
<b>J5249HTCBL</b>	Standard	Black Oxide	7.7"	0.69 lbs	J52HTCFRK
<b>J5250HTC</b>	Long	Full Polish	12.7"	0.93 lbs	J52HTCFRK
<b>J5250HTCBL</b>	Long	Black Oxide	12.7"	0.93 lbs	J52HTCFRK
<b>J5249HTCF</b>	Standard - Flex Head	Full Polish	7.7"	0.74 lbs	J52HTCFRK
<b>J5250HTCF</b>	Long - Flex Head	Full Polish	12.7"	0.98 lbs	J52HTCFRK



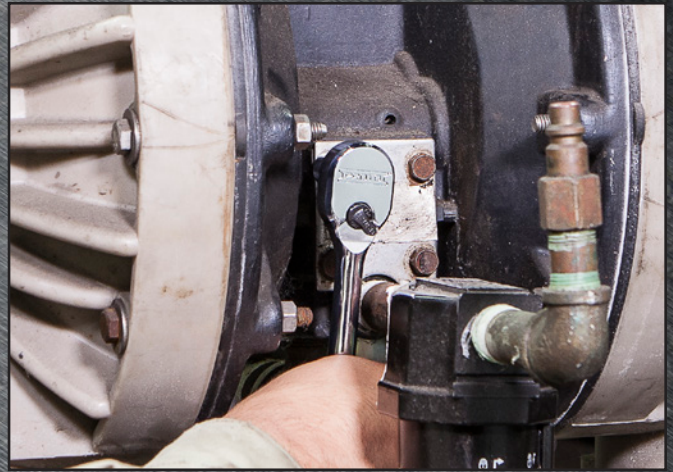
## 1/2" DRIVE PRECISION 90 PEAR HEAD RATCHETS

PRODUCT #	LENGTH	FINISH	OVERALL LENGTH	WEIGHT	REPAIR KIT
<b>J5449HTC</b>	Standard	Full Polish	10.8"	1.83 lbs	J54HTCFRK
<b>J5449HTCBL</b>	Standard	Black Oxide	10.8"	1.83 lbs	J54HTCFRK
<b>J5450HTC</b>	Long	Full Polish	17.8"	2.52 lbs	J54HTCFRK
<b>J5450HTCBL</b>	Long	Black Oxide	17.8"	2.52 lbs	J54HTCFRK
<b>J5426HTC</b>	Extra Long	Full Polish	25.8"	3.28 lbs	J54HTCFRK
<b>J5426HTCBL</b>	Extra Long	Black Oxide	25.8"	3.28 lbs	J54HTCFRK
<b>J5450HTCF</b>	Long - Flex Head	Full Polish	17.8"	2.65 lbs	J54HTCFRK





▶ Patent pending sealed head design helps prevent debris from entering the ratcheting mechanism and helps to keep lubrication contained.



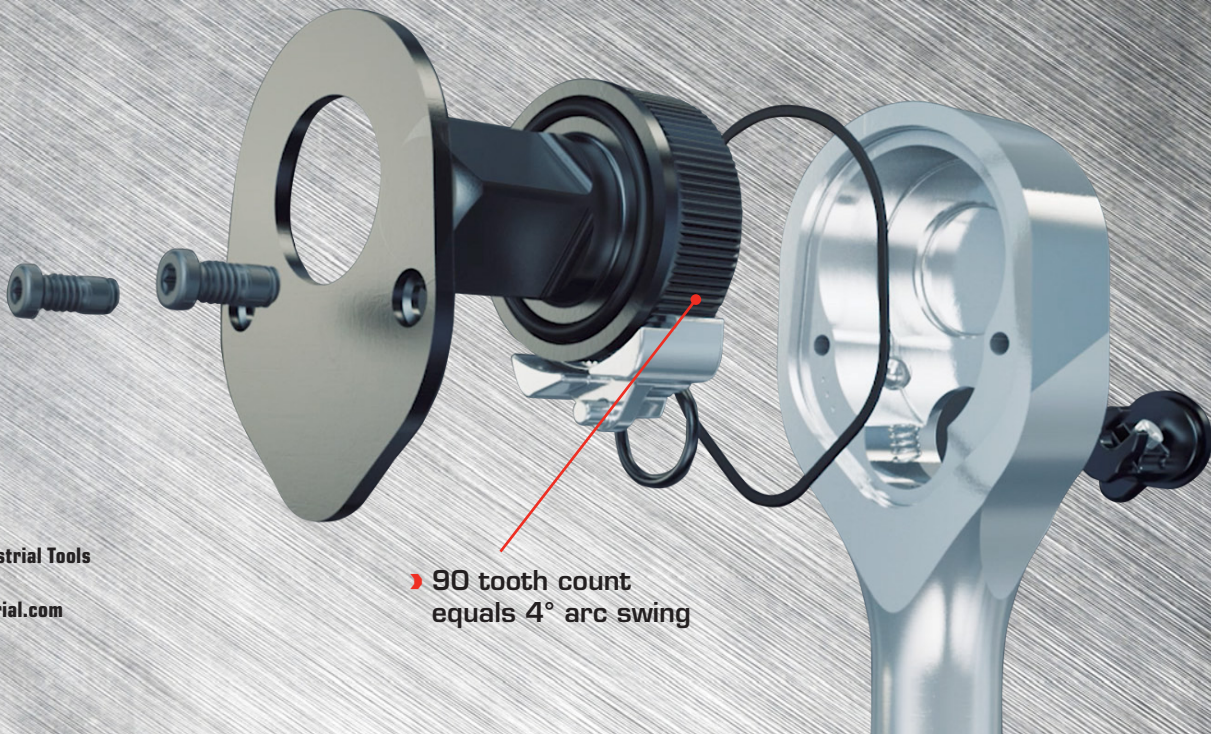
▶ Available in standard and long-length handles.



▶ Compact pear head design and 4° arc swing provides users access in even the tightest working areas.



▶ Flex head versions available for added accessibility.



▶ 90 tooth count equals 4° arc swing