

**RECOMMENDED WORKING TORQUE (In pound-feet*)
FOR SNAP-ON® HAND OPERATED RATCHETS, HANDLES AND EXTENSIONS
TO OBTAIN REASONABLE TOOL LIFE.**

Drive Size	Ratchets	Breaker Bars	Extensions		Sliding Tees	Speeders	Specials (40 Rc)
			Std.	Wobble			
1/4"	28	28	28	20	28	20	28
3/8"	80	80	80	55	60	33	80
1/2"	285	330	235	115	235	85	330
3/4"	710	710	710	—	500	—	1,125
1"	1,170	1,000	1,170	—	1,170	—	2,170
1-1/2"	1,920	—	3,335	—	1,835	—	6,670
2-1/2"	—	—	—	—	—	—	25,000

For pound-inches, multiply by 12. For newton-meters, multiply by 1.356

©Snap-on Tools Corp.

SS700B

Printed in U.S.A.

8/90

Before you select a ratchet, handle or extension, it's important to first determine the amount of torque required for the particular application. Once this is known, you can use the chart on the other side as a guideline to select the drive size for the particular type of hand operated handle. The chart shows working torque values for various drivers and drive sizes based on obtaining reasonable tool life rather than "proof load" or "one time applied torque" values. Reasonable tool life is expected to be at least 5000 reversing cycles at the working torque value (depending upon operator and load characteristics).

Where conditions dictate higher torque requirements, a Snap-on "special" should be considered since they can be engineered to meet more demanding applications, or tool life may be reduced.

So, for safety and reasonable tool life, determine the torque first—then select the right drive size for the job.