Double Function Ratchet

New unique design,combines standard,and rotation function

1. Standard function
For use in non limited spaces,levering of ratchet turns square.
2. Rotation function
Opening function for handle (turning back the handle) changes ratchet to rotation function.
Turning the handle moves the square; no levering needed.
1) In rotation function the minimal needed turning angle is close to 0 degrees.
2) Because of easy opening and fixing function for the handle. Changing from normal function to rotating function is always possible,without losing the nut or screw. ONE HAND OPERATION.
3) Already opened screws can be turned off easily with the rotation function.
4) The new developed 2 components handle offers sensitive and ergonomic working style.
5) The changing between right / left turning usage will be done by square-section straight-through shank.
6) Overtops DIN and ANSI requirements in standard operation.









3.DRIVES
1/2" – 3/8" – 1/4"



HANDLE FIXED
Normal ratchet function through levering

ROTATION FUNCTION; HANDLE TURNABLE
Ratcheting function by turning the handle (no levering)

DOUBE FUNCTION RATCHET		9220-9644	9220-9651	9220-9668
		6971570719644	6971570719651	6971570719668
Type/Size		1/4"	3/8"	1/2"
Total Length	cm	17.3	23.8	28.7
Heigth of head	mm	12.5	16.3	17.9
Width	mm	27	36	42
Weight	g	190	420	710
Length	cm	8.5	11.3	13.6
Diameter of handle	mm	26	31	38
Material handle		2 component handle PP as body and TPE as soft component		
Material body		CR-V	CR-V	CR-V
Hardness body	HRC	42-45	42-45	42-45
Hardness square	HRC	50 52	50 52	50 52
Number of teeth		60	60	60
Torque in looked function	Nm	78	245	646
Torgue DIN	Nm	62	202	512
Torque over DIN	%	126%	121%	126%
Torque in rotation function	Nm	8	20	25
Lifetime	Power	>50000	>50000	>50000
		30Nm	100Nm	128N



TORQUE WRENCH