

HYDRO-PNEUMATIC TOOLS FOR KEENSERTS®

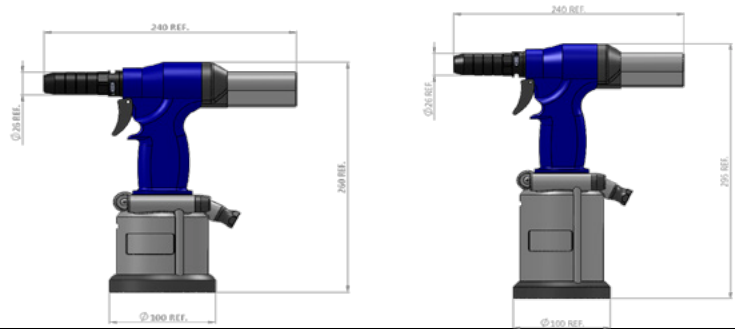
Characteristics

- The hydro-pneumatic Power Tool 3352PTC-1 is designed to install metric **KEENSERTS®** from sizes M5 to M12, the slightly bigger 3352PTC-2 has a larger stroke to install M5 to M24 sized **KEENSERTS®**. For each size of **KEENSERTS®** a specific nosepiece is required
- A growing number of nosepieces for imperial sizes (non locking type only) is available as well
- Individual adjustments can be made using the integrated force control depending on size of the **KEENSERTS®** and hardness of the surrounding material
- Due to the one-button operation it is easy to operate. The installation is quick, consistent and reliable
- The hydro-pneumatic system is low maintenance, ergonomic and lightweight
- Both tools can install **KEENSERTS®** into alloys, light materials, steel and cast iron up to a maximum of 30 HRC or 1000 MPa. For installation into harder materials please get in contact with Camloc
- Please note: Next to the Power Tool an appropriate nosepiece for each size of **KEENSERTS®** has to be ordered separately

Click here:

[KEENSERTS® Power Tool 3352 – The simple way of KEENSERTS®-installation](#) (Youtubelink)



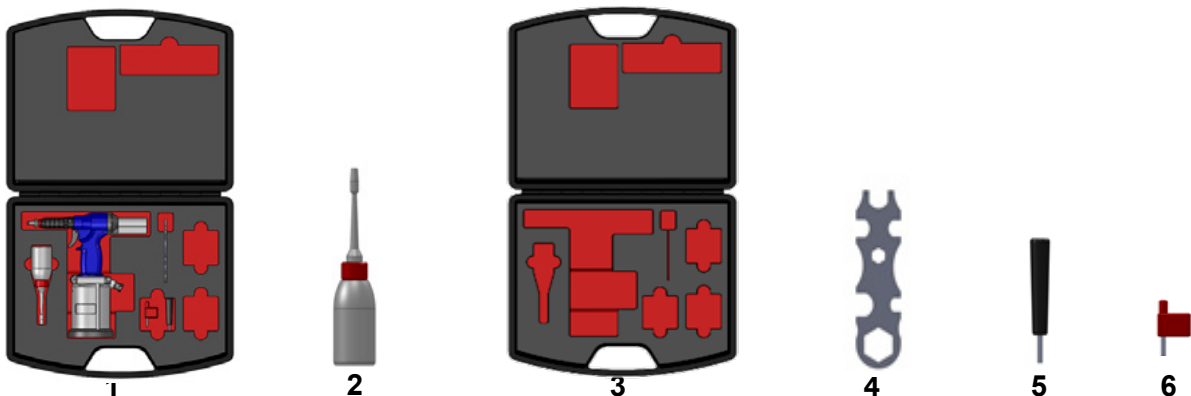


Technical Data

Tool	3352PT1	3352PT2
Air working pressure	6 bar / 90 PSI	6 bar / 90 PSI
Min. – Max. air pressure	5 - 7 bar / 70 - 100 PSI	5 - 7 bar / 70 - 100 PSI
Air consumption per cycle at 6 bar	5 Liter / 1,3 gallons	5 Liter / 1,3 gallons
Max. stroke	6,5 mm / 0,26 inch	8 mm / 0,31 inch
Max. force	19.000 N / 4.300 lbf	19.000 N / 4.300 lbf
Weight (without nosepiece)	1,800 Kg / 4 pounds	2,200 Kg / 4,85 pounds
Vibrations	< 2,5 m/s ² / 8,2 ft/s ²	< 2,5 m/s ² / 8,2 ft/s ²
Noise Level	76 dB (A)	76 dB (A)

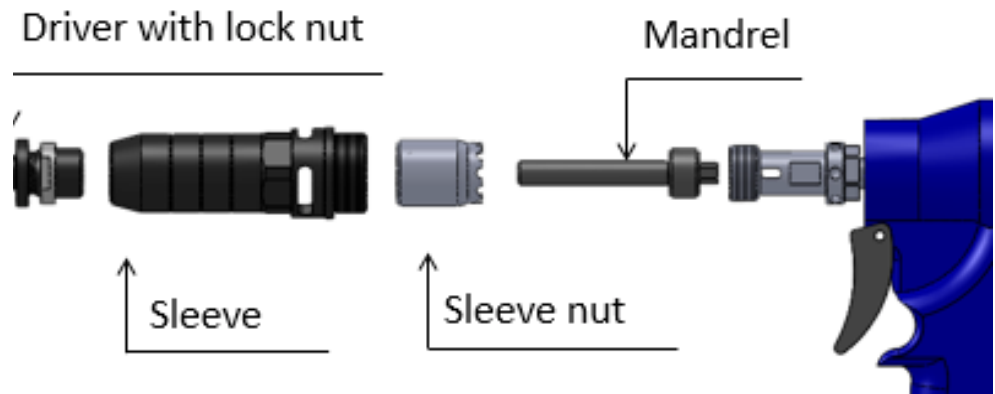
Standard Accessoires

Ref.	Code	Qty.	Description
1	3352PTC-1 or 3352PTC-2	1	Power Tool complete, consists of:
	3352PT1 or 3352PT2	1	Power Tool
2	3352-3064400	1	Oil Bottle (Type ISO VG 32 100CC)
3	3352-1010	1	Plastic Tool Case
4	3352-0207300	1	Tool Wrench
5	3352-2533800	1	Removal Bolt
6	3352-4154200	1	Allen Wrench 3,0mm
	MNL-3352-1	1	Instruction Manual
	MNL-3352-2	1	Installation Manual



Nosepieces < M12

The Power Tools 3352PTC-1 and 3352PTC-2 comes without nosepieces, these have to be ordered separately according to the users needs.



Mandrel, Driver and Lock Nut are part of the nose piece set for **KEENSERTS®** <M12

The nosepieces are a modular 3 piece design meaning next to the nosepiece set each component is available as an individual part. The customer can transform a nosepiece for a regular **KEENSERTS®** into a heavy type nose piece by just buying and replacing one part.

Due to the countersink with imperial **KEENSERTS®** these nosepieces cannot install locking-type **KEENSERTS®**.


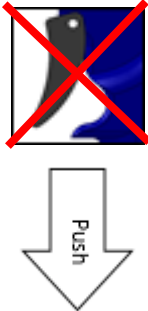

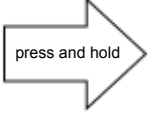








Nosepieces > M12

Metric nosepieces from M16 to M24 are designed differently and sold as a set only.



Installation Procedure

Step 1	Step 2	Step 3	Step 4	Step 5
<p>Screw in the KEENSERTS® by hand for about one to two turns.</p>	<p>Push the outer thread of the mandrel into the inner thread of the KEENSERTS®. The screw-in process will start automatically activated by the pushing force.</p>	<p>Do not press the trigger yet. The screw-in operation stops automatically once the insert reaches its final position (when the thicker part of the Kees touch the countersunk surface).</p>	<p>Then push the trigger for Kees to be pressed in.</p>	<p>Keep the trigger pressed, after the Kees are pressed in the mandrel will rotate counterclockwise until it gets out of the KEENSERTS®. Then release the trigger.</p>
				
				

Available metric Nosepieces



KEENSERTS® Size	Nosepiece Set	Spare Part Mandrel	Spare Part Driver	Spare Part Lock Nut
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KNM Serie

KNM(L) 5x0,8	3352TM5x0,8AY	3352S04M5x0,8BY	3352S05M5AY	3352S03-1AY
KNM(L) 6x1,0	3352TM6x1,0AY	3352S04M6x1,0BY	3352S05M6AY	
KNM(L) 8x1,25	3352TM8x1,25AY	3352S04M8x1,25BY	3352S05M8AY	
KNM(L) 10x1,5	3352TM10x1,5AY	3352S04M10x1,5BY	3352S05M10AY	
KNM(L) 12x1,75	3352TM12x1,75AY	3352S04M12x1,75BY	3352S05M12AY	

KNHM Series

KNHM(L) 5x0,8	3352THM5x0,8AY	3352S04M5x0,8BY	3352S05HM5AY	3352S03-1AY
KNHM(L) 6x1,0	3352THM6x1,0AY	3352S04M6x1,0BY	3352S05HM6AY	
KNHM(L) 8x1,25	3352THM8x1,25AY	3352S04M8x1,25BY	3352S05HM8AY	
KNHM(L) 10x1,5	3352THM10x1,5AY	3352S04M10x1,5BY	3352S05HM10AY	
KNHM(L) 12x1,75	3352THM12x1,75AY	3352S04M12x1,75BY	3352S05HM12AY	

**KNHM Series heavy duty Nosepieces
(3352PTC-2 required)**



KNHM 16x2,0	3352THM16x2,0AY	Available as set only
KNHM 18x1,5	3352THM18x1,5AY	
KNHM 20x2,5	3352THM20x2,5AY	
KNHM 24x3,0	3352THM24x3,0AY	

Available imperial Nosepieces



KEENSERTS® size	Nosepiece Set	Spare Part Mandrel	Spare Part Driver	Spare Part Lock Nut
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KNJ Serie

KN 1032J	3352T1032AY	3352S01-1032BY	3352S02-10AY	3352S03-1AY
KN 1024J	3352T1024AY	3352S01-1024BY		
KN 428J	3352T428AY	3352S01-428BY	3352S02-1/4AY	
KN 420J	3352T420AY	3352S01-420BY		
KN 524J	3352T524AY	3352S01-524BY	3352S02-5/16AY	
KN 518J	3352T518AY	3352S01-518BY		
KN 624J	3352T624AY	3352S01-624BY	3352S02-3/8AY	
KN 616J	3352T616AY	3352S01-616BY		
KN 720J	3352T720AY	3352S01-720BY	3352S02-7/16AY	
KN 714J	3352TH714AY	3352S01-714BY		

KNHJ Series

KNH 1032J	3352TH1032AY	3352S01-1032BY	3352S02-H10AY	3352S03-1AY
KNH 1024J	3352TH1024AY	3352S01-1024BY		
KNH 428J	3352TH428AY	3352S01-428BY	3352S02-H1/4AY	
KNH 420J	3352TH420AY	3352S01-420BY		
KNH 524J	3352TH524AY	3352S01-524BY	3352S02-H5/16AY	
KNH 518J	3352TH518AY	3352S01-518BY		
KNH 624J	3352TH624AY	3352S01-624BY	3352S02-H3/8AY	
KNH 616J	3352TH616AY	3352S01-616BY		
KNH 720J	3352TH720AY	3352S01-720BY	3352S02-H7/16AY	
KNH 714J	3352TH714AY	3352S01-714BY		

Please note: Nosepieces cannot install locking-type **KEENSERTS®** (KNL*J)!