

Tasks	Completed		Observation / Hints
	Yes	No	
Preparation		N/A	
Prepare related literature			
Prepare required equipment			
Prepare related tools			
Prepare Safety & Contamination Control equipment			

Tasks	Completed		Observation / Hints
	Yes	No	
Perform etiquette/manner when starting the job		N/A	
Meet the customer / assessor			
Perform etiquette/manner when opening the interaction.			
Explain the purpose of Student's activity.			
Ask permission to perform the job.			

## Demonstrate Selecting the Correct Fasteners and Locking Application for Maintenance and Repair of Heavy Equipment

Skill Number CO-OP15GN107

Full Name: Niko Andrian P

No ID: \_\_\_\_\_

Validation Date: 16/12/2025

School: SMPN 1 SIN60SARI

### PERFORMANCE TASK:

Given several fasteners and the necessary tools, as listed:

- Castellated nut
- Circlips
- Clevis Pin
- Flat Washer
- Spring Washer
- Star Washers
- Self-tapping screw
- Stud
- Wing nut
- Woodruff key
- Lockwire
- Bolt
- Nut
- Thread Lubricant and other Adhesives

The student must identify and explain their function. Student will be required to answer questions on their findings. The student will also be required to complete relevant workplace documentation and is to always observe the correct safety procedures.

Students are required to fill out this form, in the appropriate place, indicating that an inspection of components has occurred and their decision, after inspection is recorded

The student must be able to perform the following task:

- Demonstrate identify and explain the function of provided fasteners and necessary tools.
- Perform communication & etiquette manner

Safety and Contamination Control must be always applied to this process. Literature and measuring tools will be made available but will not be provided directly to the student.

Prerequisite	Yes	No	N/A	Hints
	The student must complete the knowledge assessment. Minimum passing grade 80%.	<input checked="" type="checkbox"/>		

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
<b>Reporting</b>				
All relevant documentation completed correctly and approved by customer (if required).	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
<b>Safety</b>				
Using PPE related to the job	✓			
Follows relevant Workplace Safety Guidelines (LOTO, Safety Equipment)	✓			
State and follow Safety Precautions	✓			
Serviceman completes job without accident due to incorrect procedure using hand tools.	✓			
Tasks completed without damage equipment and tools	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
<b>Contamination Control</b>				
Environmental Practices & Housekeeping	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
<b>Perform etiquette/manner after completing the job</b>				
Perform etiquette/manner when closing the communication.	✓			

Tasks	Check			Observation / Hints
	Yes	No	N/A	
<b>Identification</b>				
1. Accessing Information	✓			
2. Castellated Nut	✓			
3. Circlip	✓			
4. Clevis Pin	✓			
5. Flat washer	✓			
6. Spring washer	✓			
7. Star washer	✓			
8. Self-tapping screw	✓			
9. Stud	✓			
10. Wing nut	✓			
11. Woodruff key	✓			
12. Lockwire	✓			
13. Thread Lubricant & other Adhesives	✓			

Tasks	Complete			Observation / Hints
	Yes	No	N/A	
<b>Thread Identification</b>				
UNC	✓			
UNF	✓			
Whitworth	✓			
Metric	✓			
AF	✓			
BSW	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
<b>Perform close the job by ensuring all systems or conditions is in the standard condition</b>				
Ensure all systems or conditions are in standard condition.	✓			

General Comments

[Redacted area]

RESULT:  COMPETENT  NOT YET COMPETENT (please check (N))

Student: Niko Anderson P 16/12/2025  
Name Date

[Signature]  
Signature

Assessor: Seliana TB 02/12/2025  
Name Date

[Signature]  
Signature

Supervisor: \_\_\_\_\_  
Name Date

\_\_\_\_\_  
Signature

Data Recorded: \_\_\_\_\_  
Name Date

\_\_\_\_\_  
Signature

Tasks	Completed		Observation / Hints
	Yes	No	
Preparation			
Prepare related literature			Observe if the candidate is preparing Manufacturer's literature related to the task
Prepare required equipment			
Prepare related tools			Observe if the candidate is preparing related tools (e.g.: Thread Identification Kit, etc.)
Prepare Safety & Contamination Control equipment			Observe if the candidate is preparing related Safety & CC Equipment (e.g.: PPE, Blue Towel, Plastic Wrap, etc.)

Tasks	Completed		Observation / Hints
	Yes	No	
Perform etiquette/manner when starting the job			
Meet the customer / assessor			
Perform etiquette/manner when opening the interaction.			<ul style="list-style-type: none"> <li>Perform smile &amp; greetings.</li> <li>Introduce Student's identity</li> </ul>
Explain the purpose of Student's activity.			
Ask permission to perform the job.			

### Demonstrate Selecting the Correct Fasteners and Locking Application for Maintenance and Repair of Heavy Equipment

Skill Number CO-OP15GN107

Full Name: Niko Andrian P No ID: \_\_\_\_\_  
 Validation Date: 16/12/2025 School: SMTKN / SINGO SARAI

**PERFORMANCE TASK:**

Given several fasteners and the necessary tools, as listed:

- Castellated nut
- Circlips
- Clevis Pin
- Flat Washer
- Spring Washer
- Star Washers
- Self-tapping screw
- Stud
- Wing nut
- Woodruff key
- Lockwire
- Bolt
- Nut
- Thread Lubricant and other Adhesives

The student must identify and explain their function. Student will be required to answer questions on their findings. The student will also be required to complete relevant workplace documentation and is to always observe the correct safety procedures.

Students are required to fill out this form, in the appropriate place, indicating that an inspection of components has occurred and their decision, after inspection is recorded

The student must be able to perform the following task:

- Demonstrate identify and explain the function of provided fasteners and necessary tools.
- Perform communication & etiquette manner

Safety and Contamination Control must be always applied to this process. Literature and measuring tools will be made available but will not be provided directly to the student.

Prerequisite	Yes	No	N/A	Hints
The student must complete the knowledge assessment. Minimum passing grade 80%.				Score fastener course or subject.

Tasks	Complete		Observation / Hints
	Yes	No	
<b>Thread Identification</b>		N/A	
UNC			Determine thread size
UNF			Determine thread size
Whitworth			Determine thread size
Metric			Determine thread size
AF			Determine thread size
BSW			Determine thread size

Tasks	Completed		Observation / Hints
	Yes	No	
<b>Perform close the job by ensuring all systems or conditions is in the standard condition</b>		N/A	
Ensure all systems or conditions are in standard condition.			<ul style="list-style-type: none"> <li>Find the improper condition.</li> <li>Communicate the finding to the customer/assessor.</li> </ul>

Tasks	Completed		Observation / Hints
	Yes	No	
<b>Reporting</b>		N/A	
All relevant documentation completed correctly and approved by customer (if required).			<ul style="list-style-type: none"> <li>Completing the Task List</li> <li>Completing Measurement Form/Related Check Sheet, if required</li> <li>Create Service Report (SIMS), if required</li> <li>Create SPR, if required</li> <li>Documenting the failed or damaged parts, if required</li> <li>Provide Technical Analysis Report/Failure Analysis Report, if required.</li> </ul>

Tasks	Check		Observation / Hints
	Yes	No	
<b>Identification</b>		N/A	
1. Accessing Information			Observe if the candidate is accessing information relating task from manufacturer's literature
2. Castillated Nut			Identify Name, Application and Part Number
3. Circlip			Identify Name, Application and Part Number
4. Clevis Pin			Identify Name, Application and Part Number
5. Flat washer			Identify Name, Application and Part Number
6. Spring washer			Identify Name, Application and Part Number
7. Star washer			Identify Name, Application and Part Number
8. Self-tapping screw			Identify Name, Application and Part Number
9. Stud			Identify Name, Application and Part Number
10. Wing nut			Identify Name, Application and Part Number
11. Woodruff key			Identify Name, Application and Part Number
12. Lockwire			Identify Name, Application and Part Number
13. Thread Lubricant & other Adhesives			Explain the function, when and where it used.

General Comments

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

RESULT:  COMPETENT  NOT YET COMPETENT (please check (N))

Student: Niko Anderson P 16/11/2025  
 Name Date Signature

Assessor: Schidazu Tb 22/11/2025  
 Name Date Signature

Supervisor: \_\_\_\_\_  
 Name Date Signature

Data Recorded: \_\_\_\_\_  
 Name Date Signature

Tasks	Completed		Observation / Hints
	Yes	No	
Safety			
Using PPE related to the job			
Follows relevant Workplace Safety Guidelines (LOTO, Safety Equipment)			<ul style="list-style-type: none"> <li>Comply with safety regulation that applied on the workplace</li> </ul>
State and follow Safety Precautions			<ul style="list-style-type: none"> <li>Create Job Safety Analysis</li> <li>Student must follow safety procedure refer to service manual or SIS related to job</li> </ul>
Serviceman completes job without accident due to incorrect procedure using hand tools.			<ul style="list-style-type: none"> <li>Correct working position</li> <li>Correct hand tool related to the job</li> </ul>
Tasks completed without damage equipment and tools			

Tasks	Completed		Observation / Hints
	Yes	No	
Contamination Control			
Environmental Practices & Housekeeping			<ol style="list-style-type: none"> <li>Waste is minimized, waste material, including sludge, solids and other wastes are sorted and stored in bins for recycling or disposal</li> <li>Packaging of goods received is sorted and reused or disposed of by recycling</li> <li>Materials that can be reused are cleaned and stored</li> <li>Waste and scrap is removed following workplace procedures</li> <li>All fluids are disposed of in accordance with enterprise policies and procedures</li> </ol>

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform etiquette/manner after completing the job				
Perform etiquette/manner when closing the communication.				<ul style="list-style-type: none"> <li>Perform smile &amp; greetings.</li> <li>Ask permission to leave or end the interaction.</li> </ul>



SS  
BSW

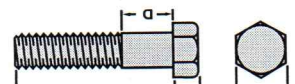
60°  
Metric

SS  
Whitworth



Part Number	Thread Size (in - TPI) 3/8 - 16				
	A	B	C	D	
1D-4540	2 3/4 in	0.24 in	0.50 in	1.87 in	1D-4540
1D-4541	3 in	0.24 in	0.50 in	2.13 in	1D-4541
1F-5842	3 1/4 in	0.24 in	0.50 in	2.25 in	1F-5842
1F-4111	3 1/2 in	0.24 in	0.50 in	2.63 in	1F-4111
4B-0831	3 3/4 in	0.24 in	0.50 in	2.75 in	4B-0831
4B-3903	4 in	0.24 in	0.50 in	3.00 in	4B-3903
8H-8769	4 1/4 in	0.24 in	0.50 in	3.37 in	8H-8769
3H-5932	4 1/2 in	0.24 in	0.50 in	3.63 in	3H-5932
3H-3243	4 3/4 in	0.24 in	0.50 in	3.87 in	3H-3243
5L-1761	5 1/2 in	0.24 in	0.50 in	4.63 in	5L-1761
8M-1865	5 3/4 in	0.24 in	0.50 in	4.87 in	8M-1865
4F-3508	6 1/2 in	0.24 in	0.50 in	5.37 in	4F-3508
5S-0003	Nut	-	-	-	5S-0003
9M-1974	Washer	-	-	-	9M-1974
Thread Size (in - TPI) 3/8 - 16					
4F-4879	1/2 in	0.29 in	0.56 in	0.09 in	4F-4879
0T-0102	5/8 in	0.29 in	0.56 in	0.09 in	0T-0102
0S-0509	3/4 in	0.29 in	0.56 in	0.13 in	0S-0509
0L-1351	7/8 in	0.29 in	0.56 in	0.13 in	0L-1351
0S-1594	1 in	0.29 in	0.56 in	0.13 in	0S-1594
1A-2029	1 1/8 in	0.29 in	0.56 in	0.31 in	1A-2029
0S-1588	1 1/4 in	0.29 in	0.56 in	0.25 in	0S-1588
3B-1915	1 3/8 in	0.29 in	0.56 in	0.37 in	3B-1915
2A-4639	1 5/8 in	0.29 in	0.56 in	0.87 in	2A-4639
1C-2251	1 7/8 in	0.29 in	0.56 in	1.06 in	1C-2251
0S-1590	2 in	0.29 in	0.56 in	1.00 in	0S-1590
0L-2070	2 1/4 in	0.29 in	0.56 in	1.25 in	0L-2070
0L-1143	2 1/2 in	0.29 in	0.56 in	1.50 in	0L-1143
0T-0573	2 3/4 in	0.29 in	0.56 in	1.75 in	0T-0573
0S-1619	3 in	0.29 in	0.56 in	2.00 in	0S-1619
0L-1352	3 1/4 in	0.29 in	0.56 in	2.25 in	0L-1352
0T-0065	3 1/2 in	0.29 in	0.56 in	2.50 in	0T-0065
0S-1608	3 3/4 in	0.29 in	0.56 in	2.50 in	0S-1608
3/8 - 16	4 in	0.29 in	0.56 in	3.00 in	8S-9191
3/8 - 16	4 1/4 in	0.29 in	0.56 in	3.25 in	0T-0055
3/8 - 16	4 1/2 in	0.29 in	0.56 in	3.25 in	1A-5964
3/8 - 16	4 3/4 in	0.29 in	0.56 in	3.75 in	1A-5183
3/8 - 16	5 in	0.29 in	0.56 in	4.00 in	5B-9603
3/8 - 16	5 1/4 in	0.29 in	0.56 in	4.25 in	5B-2638
3/8 - 16	5 1/2 in	0.29 in	0.56 in	4.50 in	5F-4899
3/8 - 16	5 3/4 in	0.29 in	0.56 in	4.75 in	7F-3425

Part Number	Thread Size (in - TPI) 1/4 - 20				
	A	B	C	D	
0S-1613	3/8 in	0.19 in	0.44 in	0.06 in	0S-1613
1/4 - 20	1/2 in	0.19 in	0.44 in	0.06 in	0S-1614
1/4 - 20	5/8 in	0.19 in	0.44 in	0.13 in	2A-0762
1/4 - 20	3/4 in	0.19 in	0.44 in	0.13 in	0S-1615
1/4 - 20	7/8 in	0.19 in	0.44 in	0.13 in	4F-7957
1/4 - 20	1 in	0.19 in	0.44 in	0.13 in	0S-1616
1/4 - 20	1 1/8 in	0.19 in	0.44 in	0.37 in	9F-6580
1/4 - 20	1 1/4 in	0.19 in	0.44 in	0.13 in	7B-2742
1/4 - 20	1 3/8 in	0.19 in	0.44 in	0.63 in	2A-5546
1/4 - 20	1 1/2 in	0.19 in	0.44 in	0.25 in	9F-7022
1/4 - 20	1 5/8 in	0.19 in	0.44 in	0.87 in	7B-8167
1/4 - 20	1 3/4 in	0.19 in	0.44 in	1.00 in	1B-2713
1/4 - 20	2 in	0.19 in	0.44 in	1.13 in	8B-2377
1/4 - 20	2 1/4 in	0.19 in	0.44 in	1.37 in	1D-4533
1/4 - 20	2 1/2 in	0.19 in	0.44 in	1.75 in	1B-2714
1/4 - 20	2 3/4 in	0.19 in	0.44 in	2.00 in	2A-4781
1/4 - 20	3 in	0.19 in	0.44 in	2.00 in	4B-9365
1/4 - 20	3 1/4 in	0.19 in	0.44 in	2.50 in	8F-8178
1/4 - 20	4 in	0.19 in	0.44 in	3.25 in	8S-4710
1/4 - 20	4 1/2 in	0.19 in	0.44 in	3.75 in	8S-4711
1/4 - 20	4 3/4 in	0.19 in	0.44 in	4.00 in	4L-3776
1/4 - 20	6 in	0.19 in	0.44 in	5.25 in	1B-2718
1/4 - 20	6 1/2 in	0.19 in	0.44 in	5.50 in	4N-1761
1/4 - 20	Nut	-	-	-	9S-8750
1/4 - 20	Washer	-	-	-	5P-0537
Thread Size (in - TPI) 5/16 - 18					
5/16 - 18	1/2 in	0.24 in	0.50 in	0.06 in	1C-0569
5/16 - 18	5/8 in	0.24 in	0.50 in	0.13 in	2H-3755
5/16 - 18	3/4 in	0.24 in	0.50 in	0.13 in	0S-1617
5/16 - 18	7/8 in	0.24 in	0.50 in	0.13 in	2B-2695
5/16 - 18	1 in	0.24 in	0.50 in	0.13 in	0S-1618
5/16 - 18	1 1/8 in	0.24 in	0.50 in	0.25 in	4B-3388
5/16 - 18	1 1/4 in	0.24 in	0.50 in	0.37 in	1B-7182
5/16 - 18	1 3/8 in	0.24 in	0.50 in	0.50 in	1B-2790
5/16 - 18	1 1/2 in	0.24 in	0.50 in	0.09 in	1A-9579
5/16 - 18	1 5/8 in	0.24 in	0.50 in	0.75 in	1H-5514
5/16 - 18	1 3/4 in	0.24 in	0.50 in	0.87 in	1B-9575
5/16 - 18	2 in	0.24 in	0.50 in	1.13 in	2B-2694
5/16 - 18	2 1/4 in	0.24 in	0.50 in	1.37 in	1D-4538
5/16 - 18	2 1/2 in	0.24 in	0.50 in	1.63 in	1D-4539



Part Number	Grip Length	Head Width	Head Height	Bolt Length	Thread Size (dia x pitch)
6V-8177	5 mm	18 mm	8 mm	16 mm	M12 x 1.75
8T-0293	5 mm	18 mm	8 mm	20 mm	M12 x 1.75
6A-5591	5 mm	18 mm	8 mm	25 mm	M12 x 1.75
6V-3668	5 mm	18 mm	8 mm	30 mm	M12 x 1.75
6V-8675	5 mm	18 mm	8 mm	35 mm	M12 x 1.75
6V-8197	5 mm	18 mm	8 mm	40 mm	M12 x 1.75
6V-5684	15 mm	18 mm	8 mm	45 mm	M12 x 1.75
6V-7673	20 mm	18 mm	8 mm	50 mm	M12 x 1.75
6V-3823	30 mm	18 mm	8 mm	60 mm	M12 x 1.75
6V-8336	40 mm	18 mm	8 mm	70 mm	M12 x 1.75
6V-5696	50 mm	18 mm	8 mm	80 mm	M12 x 1.75
8T-0372	60 mm	18 mm	8 mm	90 mm	M12 x 1.75
8T-0106	70 mm	18 mm	8 mm	100 mm	M12 x 1.75
8T-0646	80 mm	18 mm	8 mm	110 mm	M12 x 1.75
6V-8004	90 mm	18 mm	8 mm	120 mm	M12 x 1.75
5I-7718	95 mm	18 mm	8 mm	125 mm	M12 x 1.75
7X-0909	104 mm	18 mm	8 mm	140 mm	M12 x 1.75
8T-0162	124 mm	18 mm	8 mm	160 mm	M12 x 1.75
8T-6991	144 mm	18 mm	8 mm	180 mm	M12 x 1.75
8C-3226	147 mm	18 mm	8 mm	200 mm	M12 x 1.75
6V-8149	-	-	-	Nut	M12 x 1.75
5P-8245	-	-	-	Washer	M12
Thread Size (dia x pitch) M14 x 2.00					
8T-0373	6 mm	21 mm	9 mm	20 mm	M14 x 2.00
8T-0296	6 mm	21 mm	9 mm	25 mm	M14 x 2.00
8T-0297	6 mm	21 mm	9 mm	30 mm	M14 x 2.00
6V-8550	6 mm	21 mm	9 mm	35 mm	M14 x 2.00
8T-0226	6 mm	21 mm	9 mm	45 mm	M14 x 2.00
6V-5685	16 mm	21 mm	9 mm	50 mm	M14 x 2.00
214-6277	26 mm	21 mm	9 mm	60 mm	M14 x 2.00
8T-3653	46 mm	21 mm	9 mm	80 mm	M14 x 2.00
8C-0537	56 mm	21 mm	9 mm	90 mm	M14 x 2.00
139-6366	-	-	-	Nut	M14 x 2.00
Thread Size (dia x pitch) M16 x 2.00					
6V-5224	4 mm	24 mm	10 mm	25 mm	M16 x 2.00
8T-0299	3 mm	24 mm	10 mm	30 mm	M16 x 2.00
6V-5844	4 mm	24 mm	10 mm	35 mm	M16 x 2.00
6V-4429	5 mm	24 mm	10 mm	40 mm	M16 x 2.00
8T-0375	5 mm	24 mm	10 mm	45 mm	M16 x 2.00
6V-5686	12 mm	24 mm	10 mm	50 mm	M16 x 2.00
6V-3303	22 mm	24 mm	10 mm	60 mm	M16 x 2.00
8T-0357	32 mm	24 mm	10 mm	70 mm	M16 x 2.00
8T-0281	42 mm	24 mm	10 mm	80 mm	M16 x 2.00
8T-0358	52 mm	24 mm	10 mm	90 mm	M16 x 2.00
8T-0207	62 mm	24 mm	10 mm	100 mm	M16 x 2.00
8T-0649	72 mm	24 mm	10 mm	110 mm	M16 x 2.00
8T-0282	82 mm	24 mm	10 mm	120 mm	M16 x 2.00

Part Number	Grip Length	Head Width	Head Height	Bolt Length	Thread Size (dia x pitch)
6V-82316	3 mm	13 mm	6 mm	12 mm	M8 x 1.25
6V-5215	3 mm	13 mm	6 mm	16 mm	M8 x 1.25
6V-5217	3 mm	13 mm	6 mm	20 mm	M8 x 1.25
6V-3940	3 mm	13 mm	6 mm	25 mm	M8 x 1.25
6V-2317	8 mm	13 mm	6 mm	30 mm	M8 x 1.25
6V-5218	13 mm	13 mm	6 mm	35 mm	M8 x 1.25
6V-5219	18 mm	13 mm	6 mm	40 mm	M8 x 1.25
8T-0276	23 mm	13 mm	6 mm	45 mm	M8 x 1.25
6V-3918	28 mm	13 mm	6 mm	50 mm	M8 x 1.25
8T-0100	38 mm	13 mm	6 mm	60 mm	M8 x 1.25
5P-8347	48 mm	13 mm	6 mm	70 mm	M8 x 1.25
6V-5221	58 mm	13 mm	6 mm	80 mm	M8 x 1.25
8T-0292	68 mm	13 mm	6 mm	90 mm	M8 x 1.25
6V-5223	78 mm	13 mm	6 mm	100 mm	M8 x 1.25
6V-3821	88 mm	13 mm	6 mm	110 mm	M8 x 1.25
6V-5607	98 mm	13 mm	6 mm	120 mm	M8 x 1.25
7X-0457	108 mm	13 mm	6 mm	130 mm	M8 x 1.25
7X-0870	112 mm	13 mm	6 mm	140 mm	M8 x 1.25
8C-4984	122 mm	13 mm	6 mm	150 mm	M8 x 1.25
5P-7970	-	-	-	Nut	M8 x 1.25
9M-1974	-	-	-	Washer	M8
Thread Size (dia x pitch) M10 x 1.50					
6V-8084	5 mm	16 mm	7 mm	12 mm	M10 x 1.50
6V-8212	3 mm	16 mm	7 mm	16 mm	M10 x 1.50
6V-6317	5 mm	16 mm	7 mm	20 mm	M10 x 1.50
6V-4248	5 mm	16 mm	7 mm	25 mm	M10 x 1.50
6V-1820	5 mm	16 mm	7 mm	30 mm	M10 x 1.50
6V-3822	5 mm	16 mm	7 mm	35 mm	M10 x 1.50
6V-5842	14 mm	16 mm	7 mm	40 mm	M10 x 1.50
6V-5843	19 mm	16 mm	7 mm	45 mm	M10 x 1.50
6V-4249	24 mm	16 mm	7 mm	50 mm	M10 x 1.50
6V-5230	34 mm	16 mm	7 mm	60 mm	M10 x 1.50
6V-7981	44 mm	16 mm	7 mm	70 mm	M10 x 1.50
8T-0643	54 mm	16 mm	7 mm	80 mm	M10 x 1.50
8T-0644	64 mm	16 mm	7 mm	90 mm	M10 x 1.50
6V-1819	74 mm	16 mm	7 mm	100 mm	M10 x 1.50
8T-0355	78 mm	16 mm	7 mm	110 mm	M10 x 1.50
8T-5030	94 mm	16 mm	7 mm	120 mm	M10 x 1.50
210-4460	98 mm	16 mm	7 mm	130 mm	M10 x 1.50
8C-2926	108 mm	16 mm	7 mm	140 mm	M10 x 1.50
8T-9085	118 mm	16 mm	7 mm	150 mm	M10 x 1.50
8T-0356	128 mm	16 mm	7 mm	160 mm	M10 x 1.50
8T-7950	148 mm	16 mm	7 mm	180 mm	M10 x 1.50
8T-6854	168 mm	16 mm	7 mm	200 mm	M10 x 1.50
2Y-5829	-	-	-	Nut	M10 x 1.50
6V-5839	-	-	-	Washer	M10
Thread Size (dia x pitch) M12 x 1.75					
9X-8267	-	-	-	Washer	M6