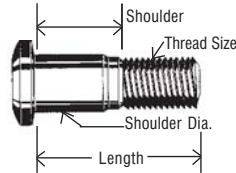
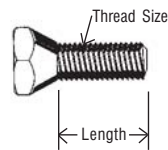


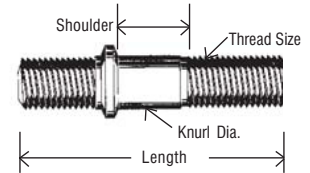
**SERRATED BOLTS**



**SHOULDER BOLTS**



**WHEEL BOLT**



**DOUBLE ENDED STUDS**

**1/2"-20 (continued)**



**610-178**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-1/2"	5/8"



**610-109**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-5/8"	15/32"



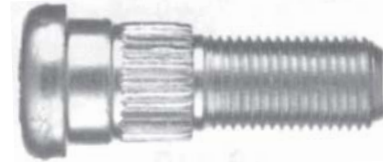
**610-134**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-1/16"	21/32"



**610-126**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-1/2"	3/8"



**610-273**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-5/8"	21/32"



**610-171**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-1/2"	9/16"



**610-039**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-5/8"	23/32"



**610-201**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20L	.625"	1-1/2"	5/8"

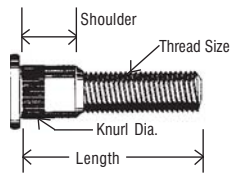


**610-153**

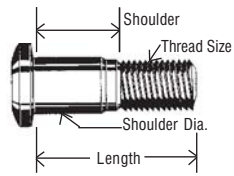
Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-11/16"	5/8"

10

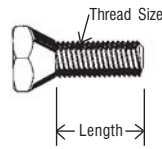
Wheel Studs



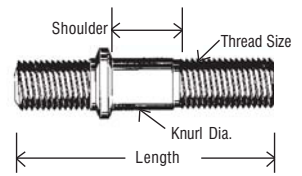
**SERRATED BOLTS**



**SHOULDER BOLTS**



**WHEEL BOLT**



**DOUBLE ENDED STUDS**

**1/2"-20 (continued)**



**610-177**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-3/4"	5/8"



**610-081**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20L	.625"	1-15/16"	5/16"



**610-154**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-25/32"	3/4"



**610-149**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-15/16"	1"



**610-210**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-25/32"	3/4"



**610-110**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	2"	29/32"



**610-219**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	2"	29/32"



**610-080**

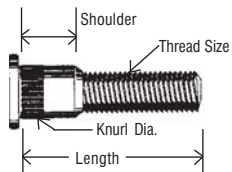
Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	1-15/16"	5/16"



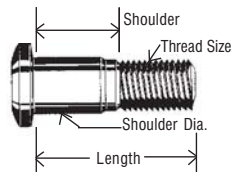
**610-277**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.625"	2-1/4"	15/16"

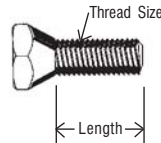
All photos approximate actual size.



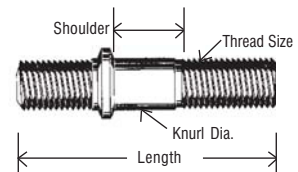
**SERRATED BOLTS**



**SHOULDER BOLTS**



**WHEEL BOLT**



**DOUBLE ENDED STUDS**

**1/2"-20 (continued)**



**610-449** *NEW!*

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.627"	1-15/16"	11/16"



**610-220**

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.628"	1-1/2"	5/8"



*Clip Head*

**610-444** *NEW!*

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.628"	2-1/16"	7/16"

**Note:**

If a dull bit is used and the new hole ends up loose you can substitute one of these three studs to salvage the hub/flange

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Wheel Studs