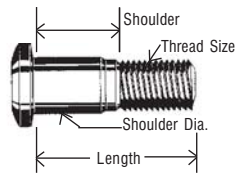
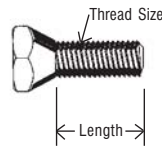


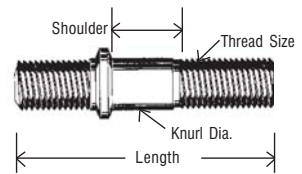
SERRATED BOLTS



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"



610-154

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



610-210

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



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"



610-081

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



610-149

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



610-110

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



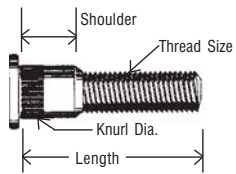
610-277

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

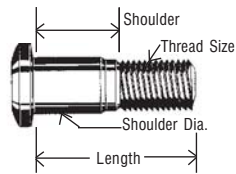
10
Wheel Studs

All photos approximate actual size.

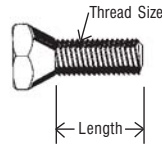
New Product Hotline - 800-336-3575



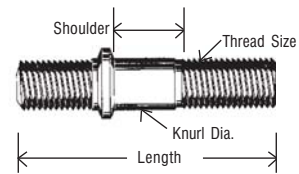
SERRATED BOLTS



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"



610-032

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.630"	1-3/8"	17/32"



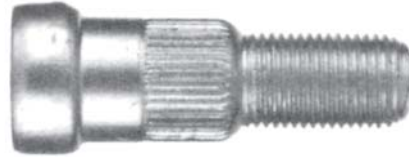
610-155

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.630"	1-21/32"	1/2"



610-256

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.630"	1-3/4"	3/4"



610-136

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.637"	1-3/4"	7/8"



610-315

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.640"	1-5/8"	5/8"



610-255

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.640"	1-3/4"	9/16"

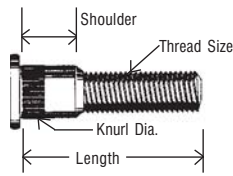


610-036

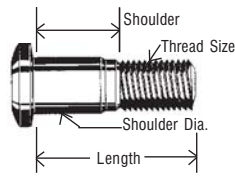
Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.645"	1-7/16"	15/32"

10

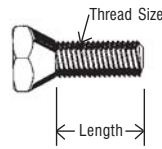
Wheel Studs



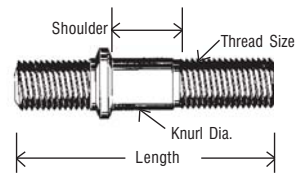
SERRATED BOLTS



SHOULDER BOLTS



WHEEL BOLT



DOUBLE ENDED STUDS

1/2"-20 (continued)



610-120

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.650"	1-1/2"	1/2"



610-122

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.650"	1-9/16"	5/8"



610-132

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.650"	1-5/8"	11/16"



610-363

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.651"	2-11/32"	15/16"



610-085

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.655"	1-9/16"	5/16"



610-348

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.658"	2-1/8"	13/16"



610-287

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.667"	1-29/32"	25/32"



610-174

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.668"	1-3/4"	9/16"

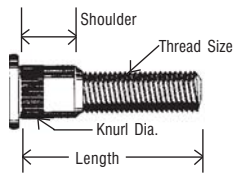


610-103

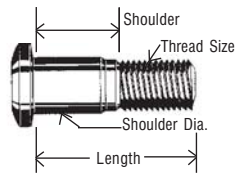
Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.673"	1-19/32"	9/16"

All photos approximate actual size.

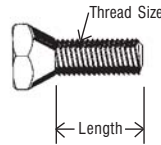
New Product Hotline - 800-336-3575



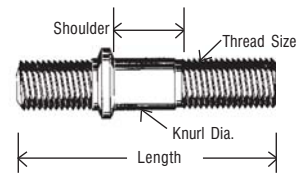
SERRATED BOLTS



SHOULDER BOLTS



WHEEL BOLT



DOUBLE ENDED STUDS

1/2"-20 (continued)



610-446 *NEW!*

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.684"	1-15/16"	9/16"



610-286

Thread	Knurl Dia.	Length	Shoulder
1/2"-20	.723"	2-3/16"	1-3/16"

9/16"-18



610-381

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.618"	2-1/2"	3/4"



610-380

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.619"	2-5/16"	3/4"



610-419

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.619"	2.580"	1"



610-190

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.620"	2-1/2"	1-1/4"



610-278

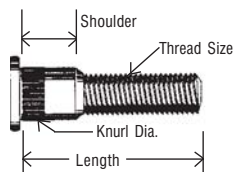
Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.620"	2-5/8"	1"



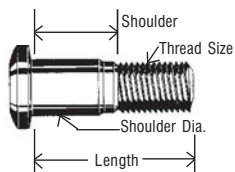
610-188

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.620"	2-3/4"	1-1/2"

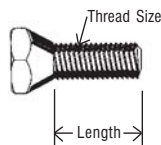
10
Wheel Studs



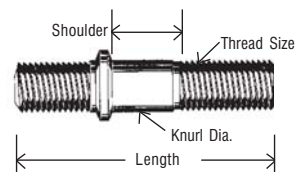
SERRATED BOLTS



SHOULDER BOLTS



WHEEL BOLT



DOUBLE ENDED STUDS

9/16"-18 (continued)



610-301

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.622"	3-1/4"	1-1/8"



610-187

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.620"	3-5/32"	1-23/32"



610-181

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.623"	1-7/8"	21/32"



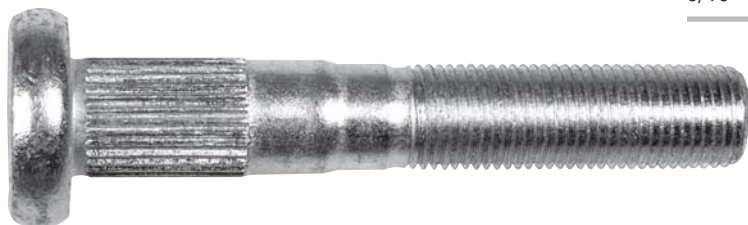
610-193

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.620"	3-15/32"	1-1/16"



610-284

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.623"	1-29/32"	17/32"



610-194

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.621"	3-17/32"	1-5/16"



610-292

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.623"	2-1/16"	3/4"



610-189

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.622"	3"	1-1/16"

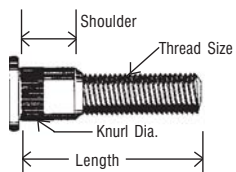


610-182

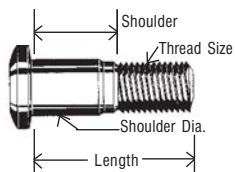
Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.623"	2-5/32"	1/2"

All photos approximate actual size.

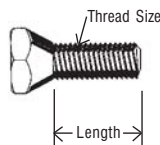
New Product Hotline - 800-336-3575



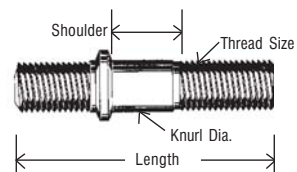
SERRATED BOLTS



SHOULDER BOLTS



WHEEL BOLT



DOUBLE ENDED STUDS

9/16"-18 (continued)



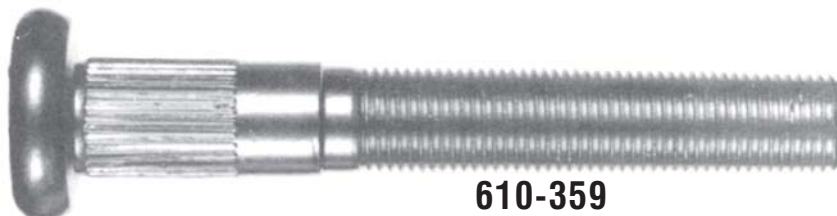
610-300

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.623"	2-7/16"	5/8"



610-347

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.625"	2-29/32"	23/32"



610-359

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.625"	4-1/32"	1-15/32"



610-222

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.624"	1-13/16"	9/16"



610-217

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.627"	2-1/8"	11/16"



610-218

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.625"	2"	5/8"



610-223

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.628"	2-1/32"	15/16"



610-180

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.625"	2-1/8"	29/32"



610-216

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.628"	2-17/32"	1-1/8"



610-346

Thread	Knurl Dia.	Length	Shoulder
9/16"-18	.625"	2-9/16"	11/16"

10

Wheel Studs