

CONTINUED Uncoated Black Steel & Iron Pipe Flanges

Class 150 low pressure: (100-299 psi). For use with air, water, oil, natural gas, or steam.

No. of Bolt Holes	Nominal Pipe Size	Flange Outside Dia.	Pipe Fitting Material	Max. Oper. Press. (psi)	Temp. Range (°F)	Item No.
Class 150 Butt Weld Steel Pipe Flanges						
Weld Neck Flange						
—	2"	—	Carbon Steel	285	-20° to 100	30WG71
—	3"	—	Carbon Steel	285	-20° to 100	30WG73
—	4"	—	Carbon Steel	285	-20° to 100	30WG75
—	6"	—	Carbon Steel	285	-20° to 100	30WG77
Class 150 Slip-On Steel Pipe Flanges						
Slip-On Flange						
4	1"	4 1/4"	Steel	150	-29° to 425	4TWY9
4	2"	5 1/16"	Steel	150	-29° to 425	4TWX9
4	2 1/2"	7"	Steel	150	-29° to 425	4TWY1
4	3"	7 1/2"	Steel	150	-29° to 425	4TWY2
—	4"	—	Carbon Steel	285	-20° to 100	30WG62
8	4"	9"	Steel	150	-29° to 425	4TWY3
—	5"	—	Carbon Steel	285	-20° to 100	30WG63
8	5"	10"	Steel	150	-29° to 425	4TWY4
—	6"	—	Carbon Steel	285	-20° to 100	30WG64
8	6"	11"	Steel	150	-29° to 425	4TWY5
8	8"	13 1/2"	Steel	150	-29° to 425	4TWY6
Class 150 Socket Weld Steel Pipe Flanges						
Socket Weld Flange						
—	1"	—	Carbon Steel	285	-20° to 100	30WH34
4	2"	5 1/16"	Steel	150	-29° to 425	4TWZ3
4	2 1/2"	7"	Steel	150	-29° to 425	4TWZ4
—	3"	—	Carbon Steel	285	-20° to 100	30WH39
4	3"	7 1/2"	Steel	150	-29° to 425	4TWZ5
—	4"	—	Carbon Steel	285	-20° to 100	30WH40
8	4"	9"	Steel	150	-29° to 425	4TWZ6
8	5"	10"	Steel	150	-29° to 425	4TWZ7
8	6"	11"	Steel	150	-29° to 425	4TWZ8
Class 150 Threaded Steel & Iron Pipe Flanges						
Threaded Flange						
4	1/2"	3 1/2"	Steel	150	-29° to 425	4TXF1
4	1"	4 1/4"	Steel	150	-29° to 425	4TXF3
4	1 1/4"	4 9/16"	Steel	150	-29° to 425	4TXF4
4	1 1/2"	5"	Steel	150	-29° to 425	4TXF5
—	2"	—	Carbon Steel	285	-20° to 100	30WH11
4	2"	6"	Steel	300	-29° to 425	4TXF6
4	2 1/2"	7"	Steel	150	-29° to 425	4TXF7
4	3"	7 1/2"	Steel	300	-29° to 425	4TXF8
—	4"	—	Carbon Steel	285	-20° to 100	30WH15
8	4"	9"	Steel	150	-29° to 425	4TXF9
8	4"	9"	Steel	150	-29° to 425	4TXF9
8	6"	11"	Steel	150	-29° to 425	4TXG2
Class 150 XS Socket Weld Pipe Flanges						
Socket Weld Flange						
—	1/2"	—	Carbon Steel	285	-20° to 100	30WH43
—	4"	—	Carbon Steel	285	-20° to 100	30WH51

Class 300 medium pressure: (300-999 psi). For use in chemical refineries, fertilizer and petrochemical plants.

No. of Bolt Holes	Nominal Pipe Size	Flange Outside Dia.	Pipe Fitting Material	Max. Oper. Press. (psi)	Temp. Range (°F)	Item No.
Class 300 Lap Joint Pipe Flanges						
Flange						
—	1/2"	—	Carbon Steel	740	-20° to 100	30WJ20
—	1"	—	Carbon Steel	740	-20° to 100	30WJ22
—	2"	—	Carbon Steel	740	-20° to 100	30WJ25
—	4"	—	Carbon Steel	740	-20° to 100	30WJ27
—	6"	—	Carbon Steel	740	-20° to 100	30WJ29
—	8"	—	Carbon Steel	740	-20° to 100	30WJ31
Class 300 Slip-On Steel Pipe Flanges						
Slip-On Flange						
—	1"	—	Carbon Steel	740	-20° to 100	30WH56
—	1 1/2"	—	Carbon Steel	740	-20° to 100	30WH58
—	2 1/2"	—	Carbon Steel	740	-20° to 100	30WH60
—	3"	—	Carbon Steel	740	-20° to 100	30WH61
—	3 1/2"	—	Carbon Steel	740	-20° to 100	30WH62
—	4"	—	Carbon Steel	740	-20° to 100	30WH63
—	8"	—	Carbon Steel	740	-20° to 100	30WH66
Class 300 Socket Weld Steel Pipe Flanges						
Socket Weld Flange						
—	1/2"	—	Carbon Steel	740	-20° to 100	30WJ33
—	1"	—	Carbon Steel	740	-20° to 100	30WJ35
—	1 1/2"	—	Carbon Steel	740	-20° to 100	30WJ37
—	3"	—	Carbon Steel	740	-20° to 100	30WJ40
Class 300 Steel Blind Pipe Flanges						
Blind Flange						
—	1/2"	—	Carbon Steel	740	-20° to 100	30WH93
—	3/4"	—	Carbon Steel	740	-20° to 100	30WH94
—	1"	—	Carbon Steel	740	-20° to 100	30WH95
—	1 1/4"	—	Carbon Steel	740	-20° to 100	30WH96
—	1 1/2"	—	Carbon Steel	740	-20° to 100	30WH97
—	2"	—	Carbon Steel	740	-20° to 100	30WH98
—	2 1/2"	—	Carbon Steel	740	-20° to 100	30WH99
—	3"	—	Carbon Steel	740	-20° to 100	30WJ01
—	3 1/2"	—	Carbon Steel	740	-20° to 100	30WJ02
—	4"	—	Carbon Steel	740	-20° to 100	30WJ03
—	5"	—	Carbon Steel	740	-20° to 100	30WJ04
—	6"	—	Carbon Steel	740	-20° to 100	30WJ05
—	8"	—	Carbon Steel	740	-20° to 100	30WJ06
Class 300 Steel Butt Weld Pipe Flanges						
Weld Neck Flange						
—	1/2"	—	Carbon Steel	740	-20° to 100	30WH67
—	1"	—	Carbon Steel	740	-20° to 100	30WH69
—	3"	—	Carbon Steel	740	-20° to 100	30WH74
Class 300 Threaded Pipe Flanges						
Threaded Flange						
—	1"	—	Carbon Steel	740	-20° to 100	30WJ09
—	1 1/2"	—	Carbon Steel	740	-20° to 100	30WJ11
—	2"	—	Carbon Steel	740	-20° to 100	30WJ12
—	2 1/2"	—	Carbon Steel	740	-20° to 100	30WJ13
—	3"	—	Carbon Steel	740	-20° to 100	30WJ14
—	4"	—	Carbon Steel	740	-20° to 100	30WJ16
—	6"	—	Carbon Steel	740	-20° to 100	30WJ18
Class 300 XS Butt Weld Pipe Flanges						
Weld Neck Flange						
—	4"	—	Carbon Steel	740	-20° to 100	30WH89
—	6"	—	Carbon Steel	740	-20° to 100	30WH91

Zinc Galvanized Pipe & Pipe Nipples, Schedule 40, 80 and 160

■ MNPT connection

* Grainger's product supplier has certified that products marked "Made in USA" comply with "Made in USA" requirements in accordance with FTC rules and guidance.

Pipe and pipe nipples are thick-walled steel dipped in a protective zinc coating to resist rust, corrosion, and mineral buildup, and withstand wet conditions.

SCHEDULE 40: Low-pressure (100-299 psi). For air, water, oil, natural gas, and steam applications.



Schedule 40 Fully Threaded Low Pressure Nipple



Schedule 40 Threaded on Both Ends

Item	Overall Length	Metal Pipe Construction	Globally Sourced Item No.	Made in USA* Item No.	Item	Overall Length	Metal Pipe Construction	Globally Sourced Item No.	Made in USA* Item No.
Schedule 40 Fully Threaded Low Pressure Pipe Nipples									
1/4" Nominal Pipe Size									
Nipple	3/4"	Welded	5P987	—	Schedule 40 Threaded on Both Ends Pipe & Nipples				
1/4" Nominal Pipe Size									
Nipple	1"	Welded	6P756	—	1/4" Nominal Pipe Size				
3/8" Nominal Pipe Size									
Nipple	1"	Welded	6P770	—	1 1/2"				
1/2" Nominal Pipe Size									
Nipple	1 1/4"	Welded	6P787	—	2"				
3/4" Nominal Pipe Size									
Nipple	1 1/2"	Welded	—	29VF66	2 1/2"				
1" Nominal Pipe Size									
Nipple	1 3/4"	Welded	6P853	—	3"				
1 1/4" Nominal Pipe Size									
Nipple	1 3/8"	Welded	6P837	—	3 1/2"				
1 1/2" Nominal Pipe Size									
Nipple	1 3/4"	Welded	—	29VH06	4"				
2" Nominal Pipe Size									
Nipple	2"	Welded	6P869	—	4 1/2"				
2 1/2" Nominal Pipe Size									
Nipple	2 1/2"	Welded	2WV34	—	5"				
3" Nominal Pipe Size									
Nipple	2 5/8"	Welded	—	29VH70	5 1/2"				
3 1/2" Nominal Pipe Size									
Nipple	2 7/8"	Welded	2WV42	—	6"				
4" Nominal Pipe Size									
Nipple	2 7/8"	Welded	—	29VJ10	6 1/2"				
6" Nominal Pipe Size									
Nipple	—	Welded	—	29VJ29	8"				
8" Nominal Pipe Size									
Nipple	—	Welded	—	29VJ29	8 1/2"				
10" Nominal Pipe Size									
Nipple	—	Welded	—	29VJ29	10"				
12" Nominal Pipe Size									
Nipple	—	Welded	—	29VJ29	12"				

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