












CONTINUED Uncoated Black Steel & Iron Pipe Flanges

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

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 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 1/4"	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 1/4"	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	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


	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
—	—	3"	—	Carbon Steel	740	-20° to 100	30WJ27
—	—	4"	—	Carbon Steel	740	-20° to 100	30WJ29
—	—	6"	—	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.

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 Nipple																			
					Schedule 40 Threaded on Both Ends														
					3/4" Nominal Pipe Size					1/2" Nominal Pipe Size									
					Nipple	1 1/2 in	Welded	—	29VG37	Nipple	1 1/2 in	Welded	6P804	—					
					1" Nominal Pipe Size					Nipple	1 1/2 in	Welded	—	29VG60					
					Nipple	1 1/2 in	Welded	6P821	—	Nipple	1 1/2 in	Welded	6P821	—					
					1 1/4" Nominal Pipe Size					Nipple	1 3/4 in	Welded	—	29VG82					
					Nipple	1 3/4 in	Welded	6P837	—	Nipple	1 3/4 in	Welded	—	29VH06					
					1 1/2" Nominal Pipe Size					Nipple	1 3/4 in	Welded	6P853	—					
					2" Nominal Pipe Size					Nipple	2 in	Welded	—	29VH28					
					Nipple	2 in	Welded	6P869	—	Nipple	2 in	Welded	6P869	—					
					2 1/2" Nominal Pipe Size					Nipple	2 1/2 in	Welded	—	29VH50					
					Nipple	2 1/2 in	Welded	2WV34	—	Nipple	2 1/2 in	Welded	2WV34	—					
					3" Nominal Pipe Size					Nipple	2 3/4 in	Welded	—	29VH70					
					Nipple	2 3/4 in	Welded	2WV42	—	Nipple	2 3/4 in	Welded	2WV42	—					
					3 1/2" Nominal Pipe Size					Nipple	3 1/2 in	Welded	—	29VH90					
					Nipple	3 1/2 in	Welded	—	29VH90	Nipple	3 1/2 in	Welded	—	29VH90					
					4" Nominal Pipe Size					Nipple	2 3/4 in	Welded	—	29VJ10					
					Nipple	2 3/4 in	Welded	2WV50	—	Nipple	2 3/4 in	Welded	2WV50	—					
					6" Nominal Pipe Size					Nipple	2 3/4 in	Welded	—	29VJ29					
					Nipple	2 3/4 in	Welded	—	29VJ29	Nipple	2 3/4 in	Welded	—	29VJ29					
Schedule 40 Fully Threaded Low Pressure Pipe Nipples																			
					1/2" Nominal Pipe Size														
					Nipple	3/4 in	Welded	5P987	—	1/4" Nominal Pipe Size									
					Nipple	3/4 in	Welded	—	29VF66	Nipple	1 1/2 in	Welded	5P988	29VF44					
					3/4" Nominal Pipe Size														
					Nipple	3/4 in	Welded	6P756	—	Nipple	2 in	Welded	5P989	29VF45					
					Nipple	3/4 in	Welded	6P770	—	Nipple	2 1/2 in	Welded	5P990	29VF46					
					1" Nominal Pipe Size														
					Nipple	1 in	Welded	—	29VG13	Nipple	3 in	Welded	5P991	29VF47					
					Nipple	1 in	Welded	6P787	—	Nipple	3 1/2 in	Welded	5P992	29VF48					
					1 1/4" Nominal Pipe Size														
					Nipple	1 1/4 in	Welded	—	29VG13	Nipple	4 in	Welded	5P993	29VF49					
					Nipple	1 1/4 in	Welded	—	29VG13	Nipple	4 1/2 in	Welded	5P994	29VF50					
					1 1/2" Nominal Pipe Size														
					Nipple	1 1/2 in	Welded	—	29VG13	Nipple	5 in	Welded	5P995	29VF51					
					Nipple	1 1/2 in	Welded	—	29VG13	Nipple	5 1/2 in	Welded	5P996	29VF52					
					2" Nominal Pipe Size														
					Nipple	1 1/2 in	Welded	—	29VG13	Nipple	6 in	Welded	5P997	29VF53					
					Nipple	1 1/2 in	Welded	—											