Drill Pipe Sizes and Weight

This page rebuilds the size-and-weight table from the source image using structured text so it can be copied, edited, and reused.

Specification	Nominal Weight (lb/ft)	Flat End Weight (lb/ft)	Flat End Weight (kg/m)	O.D. (in)	O.D. (mm)	Wall Thickness (in)	Wall Thickness (mm)	Steel Grade	Upset End for Weld-on Drill Pipe Joint
2 3/8	6.65	6.27	9.33	2.375	60.3	0.280	7.11	E, X, G, S	EU
2 7/8	10.40	9.72	14.47	2.875	73.0	0.362	9.19	E, X, G, S	IU/EU
3 1/2	9.50	8.81	13.12	3.500	88.9	0.254	6.45	E	IU/EU
3 1/2	13.30	12.32	18.34	3.500	88.9	0.368	9.35	E, X, G, S	IU/EU
3 1/2	15.50	14.64	21.79	3.500	88.9	0.449	11.40	E	IU/EU
3 1/2	15.50	14.64	21.79	3.500	88.9	0.449	11.40	X, G, S	IU/EU
4	14.00	12.95	19.27	4.000	101.6	0.330	8.38	E, X, G, S	IU/EU
4 1/2	13.75	12.25	18.23	4.500	114.3	0.271	6.88	E	IU/EU
4 1/2	16.60	15.00	22.32	4.500	114.3	0.337	8.56	E, X, G, S	EU/IEU
4 1/2	20.00	18.71	27.84	4.500	114.3	0.430	10.92	E, X, G, S	EU/IEU
5	16.25	14.88	22.16	5.000	127.0	0.296	7.52	X, G, S	IU
5	19.50	17.95	26.70	5.000	127.0	0.362	9.19	E	IEU
5	19.50	17.95	26.70	5.000	127.0	0.362	9.19	X, G, S	EU/IEU
5	25.60	24.05	35.80	5.000	127.0	0.500	12.70	E	IEU
5	25.60	24.05	35.80	5.000	127.0	0.500	12.70	X, G, S	EU/IEU
5 1/2	21.90	19.83	29.52	5.500	139.7	0.361	9.17	E, X, G, S	IEU
5 1/2	24.70	22.56	33.57	5.500	139.7	0.415	10.54	E, X, G, S	IEU
6 5/8	25.20	22.21	33.04	6.625	168.3	0.330	8.38	E, X, G, S	IEU
6 5/8	27.72	24.24	36.06	6.625	168.3	0.362	9.19	E, X, G, S	IEU

Source image title: Drill Pipe Sizes and Weight. Values above were reconstructed from the screenshot for document use.

Dimensions, Length and Tool Joint Data

Standard drill pipe length ranges shown in the source table are Range 1: 6.40-7.62 m, Range 2: 9.14-10.36 m, and Range 3: 12.19-14.63 m.

O.D. (inch)	O.D. (mm)	Wall Thickness (inch)	Wall Thickness (mm)	Pipe Body Upsetting	Grade	Range 1 (m)	Range 2 (m)	Range 3 (m)	Joint O.D. (mm)	Thread Type	I.D. of External Thread Joint (mm)	Weight (kg/m)
2 3/8	60.32	0.28	7.11	EU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	85.7	NC26	44.5	15.8
2 7/8	73.02	0.362	9.19	EU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	104.8	NC31	50.8	24.6
2 7/8	73.02	0.362	9.19	EU	S	6.40-7.62	9.14-10.36	12.19-14.63	111.1	NC31	41.3	26.7
3 1/2	88.9	0.368	9.35	EU	G	6.40-7.62	9.14-10.36	12.19-14.63	127.0	NC38	61.9	32.6
3 1/2	88.9	0.368	9.35	EU	S	6.40-7.62	9.14-10.36	12.19-14.63	127.0	NC38	54.0	33.1
3 1/2	88.9	0.449	11.40	EU	G	6.40-7.62	9.14-10.36	12.19-14.63	127.0	NC38	54.0	37.8
3 1/2	88.9	0.449	11.40	EU	S	6.40-7.62	9.14-10.36	12.19-14.63	139.7	NC40	57.2	39.0
4	101.6	0.330	8.38	IU	G	6.40-7.62	9.14-10.36	12.19-14.63	139.7	NC40	61.9	35.2
4	101.6	0.330	8.38	IU	S	6.40-7.62	9.14-10.36	12.19-14.63	139.7	NC40	50.8	35.8
4	101.6	0.330	8.38	EU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	152.4	NC46	82.6	35.9
4	101.6	0.330	8.38	EU	S	6.40-7.62	9.14-10.36	12.19-14.63	152.4	NC46	76.2	36.4
4 1/2	114.3	0.337	8.56	EU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	95.3	41.8
4 1/2	114.3	0.337	8.56	EU	S	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	88.9	42.4
4 1/2	114.3	0.430	10.92	EU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	88.9	50.1
4 1/2	114.3	0.430	10.92	EU	S	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	76.2	51.1

Part 1 of 2.

Dimensions, Length and Tool Joint Data

Continuation of the structured technical table rebuilt from the supplied screenshot.

O.D. (inch)	O.D. (mm)	Wall Thickness (inch)	Wall Thickness (mm)	Pipe Body Upsetting	Grade	Range 1 (m)	Range 2 (m)	Range 3 (m)	Joint O.D. (mm)	Thread Type	I.D. of External Thread Joint (mm)	Weight (kg/m)
4 1/2	114.3	0.337	8.56	IEU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	158.8	NC46	76.2	41.3
4 1/2	114.3	0.337	8.56	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	158.8	NC46	69.9	41.8
4 1/2	114.3	0.430	10.92	IEU	G	6.40-7.62	9.14-10.36	12.19-14.63	158.8	NC46	63.5	50.6
4 1/2	114.3	0.430	10.92	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	158.8	NC46	57.2	51.0
5	127.0	0.362	9.19	IFU	G	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	87.6	49.1
5	127.0	0.362	9.19	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	69.9	50.0
5	127.0	0.362	9.19	IEU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	177.8	5 1/2 FH	95.3	50.1
5	127.0	0.362	9.19	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	184.2	5 1/2 FH	88.9	51.2
5	127.0	0.500	12.70	IEU	G	6.40-7.62	9.14-10.36	12.19-14.63	168.3	NC50	69.9	62.7
5	127.0	0.500	12.70	IEU	G	6.40-7.62	9.14-10.36	12.19-14.63	184.2	5 1/2 FH	88.9	64.6
5	127.0	0.500	12.70	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	184.2	5 1/2 FH	82.6	65.2
5 1/2	139.7	0.362	9.19	IEU	G	6.40-7.62	9.14-10.36	12.19-14.63	184.2	5 1/2 FH	88.9	56.0
5 1/2	139.7	0.362	9.19	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	190.5	5 1/2 FH	76.2	58.5
5 1/2	139.7	0.415	10.54	IEU	X, G	6.40-7.62	9.14-10.36	12.19-14.63	184.2	5 1/2 FH	88.9	61.5
5 1/2	139.7	0.415	10.54	IEU	S	6.40-7.62	9.14-10.36	12.19-14.63	190.5	5 1/2 FH	76.2	64.0

Rows continue exactly as structured technical data, which makes this version easier to quote from than a screenshot.

Mechanical Properties and Capacity

The source image combines three regulation groups. They are reformatted below as a clean comparison table.

Standard	Steel Grade	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Guided Bend	Impact (J)	HRC
SY/T5561-92 Welding area Regulations	E-75	>=517	>=689	>=13	/	Average>=20 Min. value>=15	/
SY/T5561-92 Welding area Regulations	X-95	>=609	>=712	>=13	/	Average>=20 Min. value>=15	/
SY/T5561-92 Welding area Regulations	G-105	>=655	>=724	>=13	/	Average>=20 Min. value>=15	/
SY/T5561-92 Welding area Regulations	S-135	>=724	>=793	>=13	/	Average>=20 Min. value>=15	/
API Welding area Regulations	E-75	>=609	>=712		Bending plane cracks in any directions <= 3.175 mm	Average>=27 Min. value>=23	
API Welding area Regulations	X-95	>=655	>=724		Bending plane cracks in any directions <= 3.175 mm	Average>=27 Min. value>=23	
API Welding area Regulations	G-105	>=724	>=793		Bending plane cracks in any directions <= 3.175 mm	Average>=27 Min. value>=23	
API Welding area Regulations	S-135	>=392 / 778 / 793	>=421 / 1000		Bending plane cracks in any directions <= 3.175 mm	Average>=27 Min. value>=23	
API Pipe Body Regulations	E-75	>=517 to <=724	>=689		/	Average>=54 Min. value>=47	/
API Pipe Body Regulations	X-95	>=655 to <=862	>=724		/	Average>=54 Min. value>=47	/
API Pipe Body Regulations	G-105	>=724 to <=931	>=793		/	Average>=54 Min. value>=47	/
API Pipe Body Regulations	S-135	>=931 to <=1138	>=1000		/	Average>=54 Min. value>=47	/

Note: the API Welding Area Regulations line for S-135 is reproduced in the same multi-value form visible in the supplied image.