

Designations ^a					Pipe Body OD	Pipe Wall Thickness	Drill Pipe Weld	Tool Joint				RSC Bevel Diameter	Approx. Mass ^c
Label 1	Label 2	Grade	Upset Type	RSC Type _d				OD	Pin ID	Pin OD Length	Box OD		
					D_{dp} in.	t in.	D_{te} ^b in.	D in.	d_p in.	L_{pb} in.	L_b in.	D_f in.	w_{dp} lb/ft
						-12.5 %	max	±0.031	+0.016 -0.031	±0.250	±0.250	±0.016	calculated
1	2	3	4	5	6	7	8	9	10	11	12	13	14
External Upset (EU)													
2 ³ / ₈	6.65	E, SS75	EU	NC26	2.375	0.280	2.563	3.375	1.750	9.000	10.000	3.266	7.04
2 ³ / ₈	6.65	X, G, SS95, SS105	EU	NC26	2.375	0.280	2.563	3.375	1.750	9.000	10.000	3.266	7.04
2 ⁷ / ₈	10.40	E, SS75	EU	NC31	2.875	0.362	3.188	4.125	2.125	9.000	11.000	3.953	10.95
2 ⁷ / ₈	10.40	X, G, SS95, SS105	EU	NC31	2.875	0.362	3.188	4.125	2.000	9.000	11.000	3.953	11.03
2 ⁷ / ₈	10.40	S, V	EU	NC31	2.875	0.362	3.188	4.375	1.625	9.000	11.000	3.953	11.56
3 ¹ / ₂	9.50	E, SS75	EU	NC38	3.500	0.254	3.875	4.750	2.688	10.000	12.500	4.578	10.72
3 ¹ / ₂	13.30	E, SS75	EU	NC38	3.500	0.368	3.875	4.750	2.688	10.000	12.500	4.578	14.05
3 ¹ / ₂	13.30	X, SS95	EU	NC38	3.500	0.368	3.875	5.000	2.563	10.000	12.500	4.578	14.57
3 ¹ / ₂	13.30	G, SS105	EU	NC38	3.500	0.368	3.875	5.000	2.438	10.000	12.500	4.578	14.68
3 ¹ / ₂	13.30	S, V	EU	NC38	3.500	0.368	3.875	5.000	2.125	10.000	12.500	4.578	14.91
3 ¹ / ₂	15.50	E, SS75	EU	NC38	3.500	0.449	3.875	5.000	2.563	10.000	12.500	4.578	16.71
3 ¹ / ₂	15.50	X, SS95	EU	NC38	3.500	0.449	3.875	5.000	2.438	10.000	12.500	4.578	16.81
3 ¹ / ₂	15.50	G, SS105	EU	NC38	3.500	0.449	3.875	5.000	2.125	10.000	12.500	4.578	16.77
3 ¹ / ₂	15.50	S, V	EU	NC40	3.500	0.449	3.875	5.500	2.250	9.000	12.000	5.016	17.33
4	14.00	E, SS75	EU	NC46	4.000	0.330	4.500	6.000	3.250	9.000	12.000	5.719	15.89
4	14.00	X, G, SS95, SS105	EU	NC46	4.000	0.330	4.500	6.000	3.250	9.000	12.000	5.719	15.89
4	14.00	S, V	EU	NC46	4.000	0.330	4.500	6.000	3.000	9.000	12.000	5.719	16.08

Designations ^a					Pipe Body OD	Pipe Wall Thickness	Drill Pipe Weld Neck	Tool Joint				RSC Bevel Diameter	Approx. Mass ^c
Label 1	Label 2	Grade	Upset Type	RSC Type _d				OD	Pin ID	Pin OD Length	Box OD Length		
					D_{dp} in.	t in.	D_{te}^b in.	D in.	d_p in.	L_{pb} in.	L_b in.	D_f in.	w_{dp} lb/ft
						-12.5 %	max	±0.031	+0.016 -0.031	±0.250	±0.250	±0.016	calculated
1	2	3	4	5	6	7	8	9	10	11	12	13	14
External Upset (Continued)													
4 ^{1/2}	13.75	E, SS75	EU	NC50	4.500	0.271	5.000	6.625	3.750	9.000	12.000	6.063	15.92
4 ^{1/2}	16.60	E, SS75	EU	NC50	4.500	0.337	5.000	6.625	3.750	9.000	12.000	6.063	18.48
4 ^{1/2}	16.60	X, G, SS95,	EU	NC50	4.500	0.337	5.000	6.625	3.750	9.000	12.000	6.063	18.48
4 ^{1/2}	16.60	S, V	EU	NC50	4.500	0.337	5.000	6.625	3.500	9.000	12.000	6.063	18.70
4 ^{1/2}	20.00	E, SS75	EU	NC50	4.500	0.430	5.000	6.625	3.625	9.000	12.000	6.063	22.16
4 ^{1/2}	20.00	X, G, SS95,	EU	NC50	4.500	0.430	5.000	6.625	3.500	9.000	12.000	6.063	22.27
4 ^{1/2}	20.00	S, V	EU	NC50	4.500	0.430	5.000	6.625	3.000	9.000	12.000	6.063	22.66
Internal Upset (IU)													
4	14	E, SS75	IU	NC40	4.000	0.330	4.188	5.252	2.813	9.000	12.000	5.016	14.93
4	14	X, SS95	IU	NC40	4.000	0.330	4.188	5.252	2.688	9.000	12.000	5.016	15.01
4	14	G, SS105	IU	NC40	4.000	0.330	4.188	5.500	2.438	9.000	12.000	5.016	15.55
4	14	S, V	IU	NC40	4.000	0.330	4.188	5.500	2.000	9.000	12.000	5.016	15.78
4 ^{1/2}	13.75	E, SS75	IU	NC46	4.500	0.271	4.688	6.000	3.375	9.000	12.000	5.719	14.99
Internal-External Upset (IEU)													
4 ^{1/2}	16.60	E, SS75	IEU	NC46	4.500	0.337	4.688	6.250	3.250	9.000	12.000	5.719	18.61
4 ^{1/2}	16.60	X, G, SS95, SS105	IEU	NC46	4.500	0.337	4.688	6.250	3.000	9.000	12.000	5.719	18.79
4 ^{1/2}	16.60	S, V	IEU	NC46	4.500	0.337	4.688	6.250	2.750	9.000	12.000	5.719	18.97
4 ^{1/2}	20.00	E, SS75	IEU	NC46	4.500	0.430	4.688	6.250	3.000	9.000	12.000	5.719	18.61

Designations ^a					Pipe Body OD	Pipe Wall Thickness	Drill Pipe Wel	Tool Joint				RSC Bevel Diameter	Approx. Mass _c
Label 1	Label 2	Grade	Upset Type	RSC Type				OD	Pin ID	Pin OD Length	Box OD		
					D_{dp} in.	t in.	D_{te}^b in.	D in.	d_p in.	L_{pb} in.	L_b in.	D_f in.	w_{dp} lb/ft
						-12.5 %	max	±0.031	+0.016 -0.03	±0.250	±0.250	±0.016	calculated
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Internal-external Upset (Continued)													
4 1/2	20.00	X, SS95	IEU	NC46	4.500	0.430	4.688	6.250	2.750	9.000	12.000	5.719	22.26
4 1/2	20.00	G, SS105	IEU	NC46	4.500	0.430	4.688	6.250	2.500	9.000	12.000	5.719	22.44
4 1/2	20.00	S, V	IEU	NC46	4.500	0.430	4.688	6.250	2.250	9.000	12.000	5.719	22.59
5	19.50	E, SS75	IEU	NC50	5.000	0.362	5.125	6.625	3.750	9.000	12.000	6.063	21.37
5	19.50	X, SS95	IEU	NC50	5.000	0.362	5.125	6.625	3.500	9.000	12.000	6.063	21.89
5	19.50	G, SS105	IEU	NC50	5.000	0.362	5.125	6.625	3.250	9.000	12.000	6.063	22.14
5	19.50	S, V	IEU	NC50	5.000	0.362	5.125	6.625	2.750	9.000	12.000	6.719	22.58
5	19.50	E, SS75	IEU	5 1/2 FH	5.000	0.362	5.125	7.000	3.750	10.000	12.000	6.719	22.32
5	19.50	X, G, SS95, SS105	IEU	5 1/2 FH	5.000	0.362	5.125	7.000	3.750	10.000	12.000	6.719	22.58
5	19.50	S, V	IEU	5 1/2 FH	5.000	0.362	5.125	7.250	3.500	10.000	12.000	6.719	23.44
5	25.60	E, SS75	IEU	NC50	5.000	0.500	5.125	6.625	3.500	9.000	12.000	6.063	27.36
5	25.60	X, SS95	IEU	NC50	5.000	0.500	5.125	6.625	3.000	9.000	12.000	6.063	27.75
5	25.60	G, SS105	IEU	NC50	5.000	0.500	5.125	6.625	2.750	9.000	12.000	6.063	27.93
5	25.60	E, SS75	IEU	5 1/2 FH	5.000	0.500	5.125	7.000	3.500	10.000	12.000	6.719	28.29
5	25.60	X, SS95	IEU	5 1/2 FH	5.000	0.500	5.125	7.000	3.500	10.000	12.000	6.719	28.29
5	25.60	G, SS105	IEU	5 1/2 FH	5.000	0.500	5.125	7.250	3.500	10.000	12.000	6.719	28.86
5	25.60	S, V	IEU	5 1/2 FH	5.000	0.500	5.125	7.250	3.250	10.000	12.000	6.719	29.08
5	TW 0.750	S, V	IEU	5 1/2 FH	5.000	0.750	5.125	7.250	3.250	10.000	12.000	6.719	38.44

Designations ^a					Pipe Body OD	Pipe Wall Thickness	Drill Pipe Weld	Tool Joint				RSC Bevel Diameter	Approx. Mass ^c
Label 1	Label 2	Grade	Upset Type	RSC Type ^d				OD	Pin ID	Pin OD Length	Box OD		
					D_{dp} in.	t in.	D_{te}^b in.	D in.	d_p in.	L_{pb} in.	L_b in.	D_f in.	w_{dp} lb/ft
						-12.5 %	max	±0.031	+0.016 -0.031	±0.250	±0.250	±0.016	calculated
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Internal-external Upset (Continued)													
5 1/2	21.90	E, SS75	IEU	5 1/2 FH	5.500	0.361	5.688	7.000	4.000	10.000	12.000	6.719	24.10
5 1/2	21.90	X, SS95	IEU	5 1/2 FH	5.500	0.361	5.688	7.000	3.750	10.000	12.000	6.719	24.35
5 1/2	21.90	G, SS105	IEU	5 1/2 FH	5.500	0.361	5.688	7.250	3.500	10.000	12.000	6.719	25.12
5 1/2	21.90	S, V	IEU	5 1/2 FH	5.500	0.361	5.688	7.500	3.000	10.000	12.000	7.094	26.12
5 1/2	24.70	E, SS75	IEU	5 1/2 FH	5.500	0.415	5.688	7.000	4.000	10.000	12.000	6.719	26.57
5 1/2	24.70	X, G, SS95, SS105	IEU	5 1/2 FH	5.500	0.415	5.688	7.250	3.500	10.000	12.000	6.719	27.58
5 1/2	24.70	S, V	IEU	5 1/2 FH	5.500	0.415	5.688	7.500	3.000	10.000	12.000	7.094	28.57
5 1/2	TW 0.500	S, V	IEU	5 1/2 FH	5.500	0.500	5.688	7.250	3.500	10.000	12.000	6.719	31.11
5 1/2	TW 0.625	S, V	IEU	5 1/2 FH	5.500	0.625	5.688	7.250	3.125	10.000	12.000	6.719	36.67
5 1/2	TW 0.750	S, V	IEU	5 1/2 FH	5.500	0.750	5.688	7.500	3.000	10.000	12.000	7.094	42.24
5 7/8	23.40	E, SS75	IEU	5 1/2 FH	5.875	0.361	6.000	7.000	4.000	10.000	12.000	6.719	25.40
5 7/8	23.40	X, SS95	IEU	5 1/2 FH	5.875	0.361	6.000	7.250	3.500	10.000	12.000	6.719	26.44
5 7/8	23.40	G, SS105	IEU	5 1/2 FH	5.875	0.361	6.000	7.250	3.500	10.000	12.000	6.719	26.44
5 7/8	23.40	S, V	IEU	5 1/2 FH	5.875	0.361	6.000	7.250	3.000	10.000	12.000	6.719	26.88
5 7/8	26.30	E, SS75	IEU	5 1/2 FH	5.875	0.415	6.000	7.000	3.250	10.000	12.000	6.719	28.80
5 7/8	26.30	X, G, SS95, SS105	IEU	5 1/2 FH	5.875	0.415	6.000	7.250	3.500	10.000	12.000	6.719	29.10
5 7/8	26.30	S, V	IEU	5 1/2 FH	5.875	0.415	6.000	7.500	3.250	10.000	12.000	7.094	29.89
5 7/8	TW 0.625	S, V	IEU	5 1/2 FH	5.875	0.625	6.000	7.500	3.000	10.000	12.000	7.094	40.13

Designations ^a					Pipe Body OD	Pipe Wall Thickness	Drill Pipe Wel	Tool Joint				RSC Bevel Diameter	Approx. Mass ^c
								OD	Pin ID	Pin OD Length	Box OD		
Label 1	Label 2	Grade	Upset Type	RSC Type ^d	D_{dp} in.	t in.	D_{te} ^b in.	D in.	d_p in.	L_{pb} in.	L_b in.	D_f in.	w_{dp} lb/ft
						-12.5 %	max	±0.034	+0.016	±0.250	±0.250	±0.016	calculated
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Internal-external Upset (Continued)

5 ⁷ / ₈	TW 0.750	S, V	IEU	5 ¹ / ₂ FH	5.875	0.750	6.000	7.500	3.000	10.000	12.000	7.094	45.54
5 ⁷ / ₈	TW 0.813	S, V	IEU	5 ¹ / ₂ FH	5.875	0.813	6.000	7.500	3.000	10.000	12.000	7.094	48.51
6 ⁵ / ₈	25.20	E, SS75	IEU	6 ⁵ / ₈ FH	6.625	0.330	6.938	8.000	5.000	10.000	13.000	7.703	27.49
6 ⁵ / ₈	25.20	X, SS95	IEU	6 ⁵ / ₈ FH	6.625	0.330	6.938	8.000	5.000	10.000	13.000	7.703	27.49
6 ⁵ / ₈	25.20	G, SS105	IEU	6 ⁵ / ₈ FH	6.625	0.330	6.938	8.250	4.750	10.000	13.000	7.703	28.45
6 ⁵ / ₈	25.20	S, V	IEU	6 ⁵ / ₈ FH	6.625	0.330	6.938	8.500	4.250	10.000	13.000	7.703	29.74
6 ⁵ / ₈	27.70	E, SS75	IEU	6 ⁵ / ₈ FH	6.625	0.362	6.938	8.000	5.000	10.000	13.000	7.703	29.32
6 ⁵ / ₈	27.70	X, G, SS95, SS105	IEU	6 ⁵ / ₈ FH	6.625	0.362	6.938	8.250	4.750	10.000	13.000	7.703	30.28
6 ⁵ / ₈	27.70	S, V	IEU	6 ⁵ / ₈ FH	6.625	0.362	6.938	8.500	4.250	10.000	13.000	7.703	31.56
6 ⁵ / ₈	TW 0.522	S, V	IEU	6 ⁵ / ₈ FH	6.625	0.522	6.938	8.500	4.250	10.000	13.000	7.703	38.53
6 ⁵ / ₈	TW 0.625	S, V	IEU	6 ⁵ / ₈ FH	6.625	0.625	6.938	8.500	4.250	10.000	13.000	7.703	45.17
6 ⁵ / ₈	TW 0.750	S, V	IEU	6 ⁵ / ₈ FH	6.625	0.750	6.938	8.500	4.250	10.000	13.000	7.703	52.39
6 ⁵ / ₈	TW 0.813	S, V	IEU	6 ⁵ / ₈ FH	6.625	0.813	6.938	8.500	4.250	10.000	13.000	7.703	55.88

^a Designations are shown for identification in ordering.

^b D_{te} is held to a maximum to ensure fit with elevator.

^c These values have been based on a drill pipe body length of 29.4 ft and are provided for information only; for other lengths, see API 7G for the method of calculation.

^d The RSC type indicates the size and style of the applicable RSC.