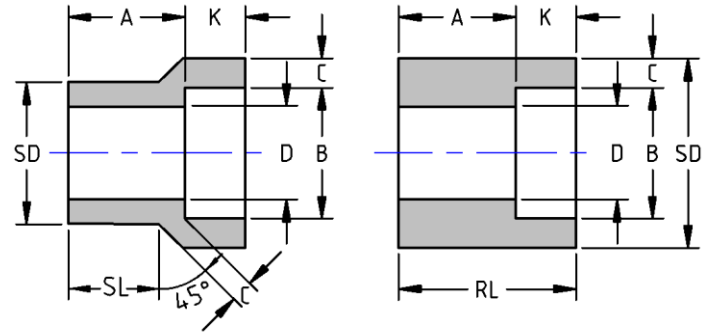




Socket Weld Insert
3000#
Forged Steel
Inches / Pounds



TYPE 1

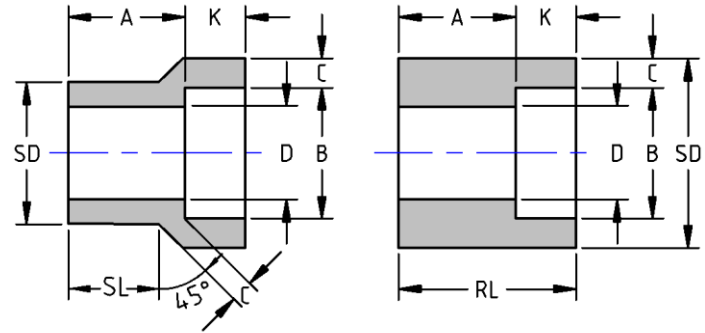
TYPE 2

Nominal Pipe Size	TYPE	B	K (Min)	SD	A	D	C (Min.)	SL	RL (Min.)	Approximate Weight (in Pounds)
1/4 x 1/8	1	0.43	0.38	0.54	0.75	0.269	0.125	0.56	-	
3/8 x 1/8	1	0.43	0.38	0.675	0.75	0.269	0.125	0.56	-	
3/8 x 1/4	1	0.565	0.38	0.675	0.75	0.364	0.149	0.56	-	
1/2 x 1/8	1	0.43	0.38	0.84	0.81	0.269	0.125	0.62	-	
1/2 x 1/4	1	0.565	0.38	0.84	0.81	0.364	0.149	0.62	-	0.18
1/2 x 3/8	1	0.7	0.38	0.84	0.81	0.493	0.149	0.62	-	0.16
3/4 x 1/8	2	0.43	0.38	1.05	0.69	0.269	0.125	-	1.06	0.29
3/4 x 1/4	2	0.565	0.38	1.05	0.69	0.364	0.149	-	1.06	0.28
3/4 x 3/8	2	0.7	0.38	1.05	0.62	0.493	0.158	-	1.06	0.27
3/4 x 1/2	1	0.865	0.35	1.05	0.88	0.622	0.184	0.69		0.26
1 x 1/8	2	0.43	0.38	1.315	0.75	0.269	0.125	-	1.12	0.39
1 x 1/4	2	0.565	0.38	1.315	0.75	0.364	0.149	-	1.12	0.38
1 x 3/8	2	0.7	0.38	1.315	0.69	0.493	0.158	-	1.12	0.37
1 x 1/2	2	0.865	0.38	1.315	0.62	0.622	0.184	-	1.12	0.36
1 x 3/4	1	1.075	0.5	1.315	0.94	0.824	0.193	0.75	-	0.4
1 1/4 x 1/8	2	0.43	0.38	1.66	0.88	0.269	0.125	-	1.25	0.7
1 1/4 x 1/4	2	0.565	0.38	1.66	0.88	0.364	0.149	-	1.25	0.68
1 1/4 x 3/8	2	0.7	0.38	1.66	81	0.493	0.158	-	1.25	0.66
1 1/4 x 1/2	2	0.865	0.38	1.66	0.75	0.622	0.184	-	1.25	0.64
1 1/4 x 3/4	2	1.075	0.5	1.66	0.69	0.824	0.193	-	1.25	0.62
1 1/4 x 1	1	1.34	0.5	1.66	1	1.049	0.224	0.81	-	0.6
1 1/2 x 1/8	2	0.43	0.38	1.9	0.88	0.269	0.125	-	1.31	0.86
1 1/2 x 1/4	2	0.565	0.38	1.9	0.88	0.364	0.145	0	1.31	0.83
1 1/2 x 3/8	2	0.7	0.38	1.9	0.88	0.493	0.158	-	1.31	0.8
1 1/2 x 1/2	2	0.865	0.38	1.99	0.81	0.622	0.184	-	1.31	0.77
1 1/2 x 3/4	2	1.075	0.38	1.99	0.75	0.824	0.193	-	1.31	0.75
1 1/2 x 1	2	1.34	0.5	1.99	0.69	1.049	0.224	-	1.31	0.65
1 1/2 x 1 1/4	1	1.685	0.5	1.99	1.12	1.38	0.239	0.88	-	0.62

*MSS SP-79



Socket Weld Insert
3000#
Forged Steel
Inches / Pounds



TYPE 1

TYPE 2

Nominal Pipe Size	TYPE	B	K (Min)	SD	A	D	C (Min.)	SL	RL (Min.)	Approximate Weight (in Pounds)
2 x 1/8	2	0.43	0.38	2.375	1.06	0.269	0.125	-	1.5	1.45
2 x 1/4	2	0.565	0.38	2.375	1.06	0.364	0.145	-	1.5	1.4
2 x 3/8	2	0.7	0.38	2.375	1.06	0.493	0.158	-	1.5	1.35
2 x 1/2	2	0.865	0.38	2.375	1	0.622	0.184	-	1.5	1.3
2 x 3/4	2	1.075	0.5	2.375	0.94	0.824	0.193	-	1.5	1.25
2 x 1	2	1.34	0.5	2.375	0.88	1.049	0.224	-	1.5	1.2
2 x 1 1/4	2	1.685	0.5	2.375	0.81	1.38	0.239	-	1.5	1.1
2 x 1 1/2	1	1.925	0.5	2.375	1.25	1.61	0.25	1	-	0.9
2 1/2 x 1/2	2	0.865	0.38	2.875	1.63	0.622	0.184	-	2.12	2.4
2 1/2 x 3/4	2	1.075	0.5	2.875	1.56	0.824	0.193	-	2.12	2.3
2 1/2 x 1	2	1.34	0.5	2.875	1.5	1.049	0.224	-	2.12	2.2
2 1/2 x 1 1/4	2	1.685	0.5	2.875	1.44	1.38	0.239	-	2.12	2.1
2 1/2 x 1 1/2	2	1.925	0.5	2.875	1.38	1.61	0.25	-	2.12	2.05
2 1/2 x 2	1	2.416	0.62	2.875	1.81	2.067	0.273	1.5	-	2
3 x 1/2	2	0.865	0.38	3.5	1.38	0.622	0.184	-	1.87	4.2
3 x 3/4	2	1.075	0.5	3.5	1.31	0.824	0.193	-	1.87	4.1
3 x 1	2	1.34	0.5	3.5	1.25	1.049	0.224	-	1.87	4
3 x 1 1/4	2	1.685	0.5	3.5	1.19	1.38	0.239	-	1.87	3.9
3 x 1 1/2	2	1.925	0.5	3.5	1.12	1.61	0.25	-	1.87	3.8
3 x 2	2	2.416	0.62	3.5	1	2.067	0.273	-	1.87	3.6
3 x 2 1/2	1	2.916	0.62	3.5	1.5	2.469	0.345	1.25	-	3.5
4 x 1/2	2	0.865	0.38	4.5	1.88	0.622	0.184	-	2.38	
4 x 3/4	2	1.075	0.5	4.5	1.81	0.824	0.193	-	2.38	
4 x 1	2	1.34	0.5	4.5	1.75	1.049	0.224	-	2.38	
4 x 1 1/4	2	1.685	0.5	4.5	1.69	1.38	0.239	-	2.38	
4 x 1 1/2	2	1.925	0.5	4.5	1.62	1.61	0.25	-	2.38	
4 x 2	2	2.416	0.62	4.5	1.5	2.067	2.73	-	2.38	
4 x 2 1/2	2	2.916	0.62	4.5	1.5	2.469	0.345	-	2.38	
4 x 3	2	3.545	0.62	4.5	1.31	3.068	0.375	-	2.38	

***MSS SP-79**



Tolerance

Laying Length A — Sizes 3/8 – 3/4 : +0.06"/-0.00"

Sizes 1 – 2 : +0.08"/-0.00"

Sizes 2½ – 4 : +0.10"/-0.00"

Shank Dia. SD — Sizes 3/8 – 1½ : +0.010"/-0.010"

Sizes 2 – 3 : +0.02"/-0.02"

Size 4 : +0.03"/-0.03"

Socket Dia. B — Sizes 1/4 – 2 : +0.010"/-0.010"

Sizes 2½ – 3: +0.015"/-0.010"

Shank Length SL — Sizes 3/8 – 3/4: +0.00"/-0.06"

Sizes 1 – 2: +0.00"/-0.08"

Sizes 2½ – 3: +0.06"/-0.06"

Bore D — Sizes 1/4 – 2 : +0.03"/-0.03"

Sizes 2½ – 4 : +0.00"/-0.10"