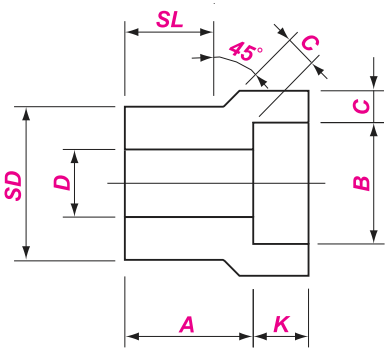
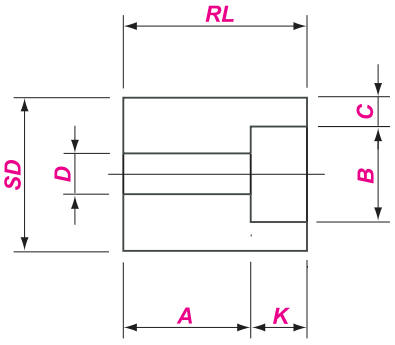


Type 1



Type 2

MSS SP-79 SW REDUCER INSERTS

Nominal Size		Type		Socket Bore Dia.	Depth of Socket	Shank Dia.	Laying Length		Bore		Wall		Length			
							A		D		C_{min}		SL		RL_{min}	
DN	NPS	3000	6000	B	K_{min}	SD	3000	6000	3000	6000	3000	6000	3000	6000	3000	6000
10 × 8	3/8 × 1/4	1	1	14.3	9.5	17.1	19.1	21.3	9.2	6.4	3.8	4.6	14.2	15.7	-	-
15 × 10	1/2 × 3/8	1	1	17.7	9.5	21.3	20.6	23.1	12.5	9.1	4.0	5.0	15.7	15.7	-	-
× 8	× 1/4	1	1	14.3	9.5		20.6	20.6	9.2	6.4	3.8	4.6	15.7	15.7	-	-
20 × 15	3/4 × 1/2	1	1	21.9	9.5	26.7	22.4	25.4	15.8	11.8	4.7	6.0	17.5	19.1	27.0	-
× 10	× 3/8	2	1	17.7	9.5		15.7	22.4	12.5	9.1	4.0	5.0	-	19.1	27.0	32.0
× 8	× 1/4	2	2	14.3	9.5		17.5	22.4	9.2	6.4	3.8	4.6	-	-	-	-
25 × 20	1 × 3/4	1	1	27.3	12.5	33.4	23.9	28.5	20.9	15.5	4.9	7.0	19.1	20.6	-	-
× 15	× 1/2	2	1	21.9	9.5		15.7	28.5	15.8	11.8	4.7	6.0	-	20.6	28.5	-
× 10	× 3/8	2	2	17.7	9.5		17.5	22.4	12.5	9.1	4.0	5.0	-	-	28.5	33.3
× 8	× 1/4	2	2	14.3	9.5		19.1	23.9	9.2	6.4	3.8	4.6	-	-	28.5	33.3
32 × 25	1¼ × 1	1	1	34.0	12.5	42.2	25.4	30.2	26.6	20.7	5.7	7.9	20.6	22.4	-	-
× 20	× 3/4	2	2	27.3	12.5		17.5	20.6	20.9	15.5	4.9	7.0	-	-	31.8	34.8
× 15	× 1/2	2	2	21.9	9.5		19.1	22.4	15.8	11.8	4.7	6.0	-	-	31.8	34.8
× 10	× 3/8	2	2	17.7	9.5		20.6	23.9	12.5	9.1	4.0	5.0	-	-	31.8	34.8
× 8	× 1/4	2	2	14.3	9.5		22.4	25.4	9.2	6.4	3.8	4.6	-	-	31.8	34.8

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MSS SP-79 SW REDUCER INSERTS

Nominal Size		Type		Socket Bore Dia.	Depth of Socket	Shank Dia.	Laying Length		Bore		Wall		Length			
							A		*D*		C_{min}		*SL*		RL_{min}	
DN	NPS	3000	6000	*B*	K_{min}	*SD*	3000	6000	3000	6000	3000	6000	3000	6000	3000	6000
40 × 32	1½ × 1¼	1	1	42.8	12.5		28.5	35.1	35.1	29.5	6.1	7.9	22.4	25.4	-	-
× 25	× 1	2	1	34.0	12.5		17.5	29.2	26.6	20.7	5.7	7.9	-	25.4	33.3	-
× 20	× 3/4	2	2	27.3	12.5	48.3	19.1	25.4	20.9	15.5	4.9	7.0	-	-	33.3	39.6
× 15	× 1/2	2	2	22.0	9.5		20.6	26.9	15.8	11.8	4.7	6.0	-	-	33.3	39.6
× 10	× 3/8	2	2	17.7	9.5		22.4	28.5	12.5	9.1	4.0	5.0	-	-	33.3	39.6
50 × 40	2 × 1½	1	1	48.9	12.5		31.8	38.9	40.9	34.0	6.4	8.9	25.4	28.7	-	-
× 32	× 1¼	2	2	42.8	12.5		20.6	23.9	35.1	29.5	6.1	7.9	-	-	38.1	41.2
× 25	× 1	2	2	34.0	12.5	60.3	22.4	25.4	26.6	20.7	5.7	7.9	-	-	38.1	41.2
× 20	× 3/4	2	2	27.3	12.5		23.9	26.9	20.9	15.5	4.9	7.0	-	-	38.1	41.2
× 15	× 1/2	2	2	21.9	9.5		25.4	28.5	15.8	11.8	4.7	6.0	-	-	38.1	41.2
65 × 50	2½ × 2	1	1	61.4	16.0		46.0	42.7	52.5	42.9	6.9	10.9	38.1	31.8	-	-
× 40	× 1½	2	2	48.9	12.5		35.1	35.1	40.9	34.0	6.4	8.9	-	-	53.9	53.9
× 32	× 1¼	2	2	42.8	12.5	73.0	36.6	36.6	35.1	29.5	6.1	7.9	-	-	53.9	53.9
× 25	× 1	2	2	34.0	12.5		38.1	38.1	26.6	20.7	5.7	7.9	-	-	53.9	53.9
× 20	× 3/4	2	2	27.3	12.5		39.6	38.1	20.9	15.5	4.9	7.0	-	-	53.9	53.9
80 × 65	3 × 2½	1	1	74.1	16.0		38.1	57.2	62.7	54.0	8.8	11.9	31.8	44.5	-	-
× 50	× 2	2	2	61.4	16.0		25.4	31.8	52.5	42.9	6.9	10.9	-	-	47.5	53.9
× 40	× 1½	2	2	48.9	12.5	88.9	28.5	31.8	40.9	34.0	6.4	8.9	-	-	47.5	53.9
× 32	× 1¼	2	2	42.8	12.5		30.2	31.8	35.1	29.5	6.1	7.9	-	-	47.5	53.9
× 25	× 1	2	2	34.0	12.5		31.8	31.8	26.6	20.7	5.7	7.9	-	-	47.5	53.9
100 × 80	4 × 3	2	1	90.0	16.0		33.3	54.0	77.9	66.6	9.5	13.8	-	-	60.5	-
× 65	× 2½	2	2	74.1	16.0		38.1	54.0	62.7	54.0	8.8	12.5	-	-	60.5	-
× 50	× 2	2	2	61.4	16.0	114.3	38.1	54.0	52.5	42.9	6.9	11.0	-	-	60.5	-
× 40	× 1½	2	2	48.9	12.5		41.2	57.0	40.9	34.0	6.4	8.9	-	-	60.5	-
× 32	× 1¼	2	2	42.8	12.5		42.9	57.0	35.1	29.5	6.1	7.9	-	-	60.5	-

Note:
1) At option of the manufacturer, type 2 reducers may be furnished instead of type 1.
2) The nominal size is showed as *SD* × *B*.

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