

THERMOWELL CONNECTION, HEAD SIZE & DIAMETER SELECTION CRITERIA

CONNECTION SIZE		THREAD TYPE	MINIMUM HEAD SIZE		MAXIMUM EXTERNAL
INSTRUMENT	PROCESS		HEX TYPE	ROUND TYPE	DIAMETER
1/4" (F) 3/8" (F) 1/2" (F)	3/8" (M)	NPT, BSP, etc.	27 mm	30 mm	13 mm
	1/2" (M)	NPT, BSP, etc.			17 mm
	3/4" (M)	NPT, BSP, etc.	32 mm	35 mm	22 mm
	1" (M)	NPT, BSP, etc.	36 mm		28 mm
	1-1/2" (M)	NPT, BSP, etc.	50 mm	50 mm	43 mm
	M20x1.5 (M)	METRIC	27 mm	30 mm	16 mm
	M27x2 (M)	METRIC	32 mm	30 mm	22 mm
	M33x2 (M)	METRIC	36 mm	35 mm	28 mm
3/4" (F)	3/4" (M)	NPT, BSP, etc.	36 mm	35 mm	22 mm
	1" (M)	NPT, BSP, etc.			28 mm
	1-1/2" (M)	NPT, BSP, etc.	50 mm	50 mm	43 mm
	M20x1.5 (M)	METRIC	36 mm	35 mm	16 mm
	M27x2 (M)	METRIC			22 mm
	M33x2 (M)	METRIC			28 mm
M20x1.5 (F)	3/8" (M)	NPT, BSP, etc.	27 mm	30 mm	13 mm
	1/2" (M)	NPT, BSP, etc.			17 mm
	3/4" (M)	NPT, BSP, etc.	32 mm	35 mm	22 mm
	1" (M)	NPT, BSP, etc.	36 mm		28 mm
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	M33x2 (M)	METRIC	36 mm	35 mm	28 mm
M27x2 (F)	3/4" (M)	NPT, BSP, etc.	36 mm	35 mm	22 mm
	1" (M)	NPT, BSP, etc.			28 mm
	1-1/2" (M)	NPT, BSP, etc.	50 mm	50 mm	43 mm
	M20x1.5 (M)	METRIC	36 mm	35 mm	16 mm
	M27x2 (M)	METRIC			22 mm
	M33x2 (M)	METRIC			28 mm