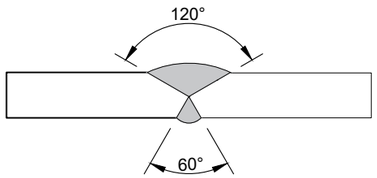
STAPEL



Fugure 1 A

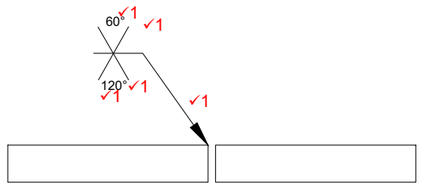
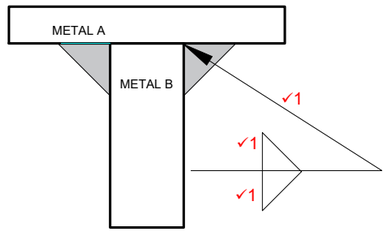
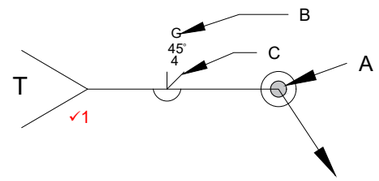


Figure 1 B

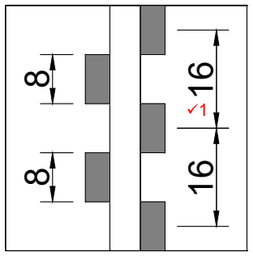


Fugure 2



Fugure 3

Figure 4



Answer 8 (consult figure 4)

Pitch = Centre to centre spacing
= 2(4) + 8 ✓1
P = 16 ✓1

Answer 8

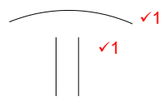
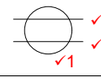


TABLE 1

RESISTANCE WELD SYMBOLS

SEAM	FLASH OR UPSET	SPOT
		

	QUESTIONS	ANSWERS			
1	Show the symbol for the following finish methods (Question A-D).				
1.1	MACHINE	M	1	✓1	
1.3	FLAME	F	1	✓1	
1.4	HAMMER	H	1	✓1	
1.5	GRINDER	G	1	✓1	
2	What is the value of the upper groove weld at figure 1?	120°	1	✓1	
3	At figure 1A, what is the difference between the upper and the lower groove welds?	60°	1	✓1	
4	At figure 1 B, draw freehand, the symbol of groove welding.		5		
5	At figure 2, show the basic welding symbol when fillet weld should be done on both sides.		3		
	Briefly name the type of welding process to be used that is indicated on the welding symbol in figure 2.	TIG WELDING ✓1 ✓1	2		
6	At figure 3, label the elements of the weld symbol at A, B & C.	A: WELD ALL ROUND B: FINISH SYMBOL C: BEVEL SWEIS	3		
7	At figure 4, complete in freehand the missing element(s) on the weld symbol.		1		
8	With the aid of the given drawing marked fu=igure 4, in the space provided at answer 8, calculate the pitch of the welds.		2		
9	In the space provided at answer 8, draw in freehand, a picture of the convex parallel weld.		3		
11	Complete table 1 by inserting the correct symbols		5		
	TOTAL		30		

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