

quantity  
annual\_usage  
supplier  
num\_bends  
length  
year  
component\_id\_1  
min\_order\_quantity  
material\_id  
month  
component\_id\_2  
volume\_mat  
nspecs  
surface  
volume  
component\_id\_3  
quantity\_1  
quantity\_2  
bend\_radius  
end\_a  
end\_x  
bracket\_pricing  
diameter  
end\_a\_2x  
curvature  
end\_x\_2x  
quantity\_3  
wall  
other  
num\_boss

