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 web ultimate bearing capacity ultimate load for plate x width of pit b f size of plate b p q u f q u p x b f b p finally safe bearing capacity ultimate bearing capacity factor of safety the factor of safety ranges from 2 to 3 calculation of foundation settlement from plate load test we can also calculate settlement for given
floor plate fasteel - Mar 31 2022
 web checker plate also known as floor plate tread plate or diamond plate is a type of steel plate with a regular pattern of raised diamonds or lines on one side with the reverse side being

featureless our checker plate comes in a hot rolled material and a variety of sizes and thicknesses
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 web sep 7 2010 6 sep 10 16 13 i am designing a checkered plate which is subjected to traffic the plate is 8 mm thick and the span is 2m in order to withstand the design load i try to provide a stiffener but unfortunately it fails due limited depth of stiffener of 25mm i try also to make the distances of the stiffener as close as possible but it still fail