*BOUNDARY_PRECRACK

Purpose: Define pre-cracks in XFEM shell formulations 52 or 54 for purposes of fracture analysis.

Card 1	1	2	3	4	5	6	7	8
Variable	PID	CTYPE	NP					
Type	I	I	I					
Default	none	1	none					

Pre-Crack Point Cards. Include NP cards, one for each point in the pre-crack.

Card 2	1	2	3	4	5	6	7	8
Variable	X	Y	Z					
Type	F	F	F					
Default	none	none	none					

VARIABLE	DESCRIPTION
PID	Part ID where the pre-crack is located
CTYPE	Type of pre-crack: EQ.1: straight line
NP	Number of points defining the pre-crack
X, Y, Z	Coordinates of the points defining the pre-crack