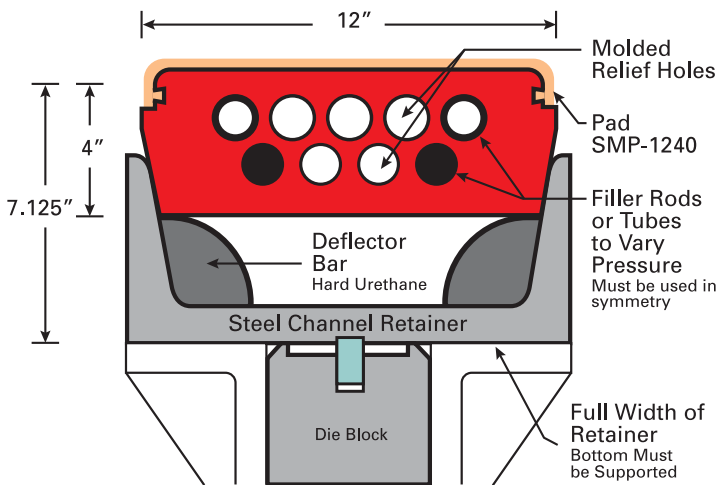


To illustrate the versatility of this unique SMART PAD SYSTEM, we are using 5 different punches from 3/4"R (18mm R) to 8"R (200 mm R) to bend 1/8" thick (3mm) polished Aluminum into 5 different radii, using the same bottom die... SMP-1240. There is no other tooling system that can be as versatile and produce such high quality mar-free products. We've designed & built hundreds of punches & dies over the last 30 years.



## SMP1240 Smart Pad System™

Designed to bend any radius from 1" (25mm) to 4" (100mm), 90° in one hit or bump form any radiused shape.

### Limitations:

Minimum radius = 1" (25mm),  
 Minimum punch width = 2" (50mm)  
 Maximum punch width = 8" (200mm)  
 Maximum depth of punch penetration = 3" (75mm)  
 Maximum Gauge = 10ga. (3 mm) M.S.,  
 14ga. (2mm) S.S.  
 (with caution, we have bent 1/4" [6 mm] thick S.S. To 8" R)

### Rad ii & Gauge:

Minimum radius = 1" (25mm), 10 ga. (3mm) M.S.  
 Maximum radius = 4" (100mm), 10 ga. (3mm) M.S.  
 -90° bend in one hit.

### Bump Form:

Any radius without exceeding 3" (75 mm) depth of penetration.  
 (Minium distance to start of radius bend = 1" ( 25mm).

*Wear pad is made one grade harder than the main pad & is replaceable.*

|          | Min R                     | Min R                     | Bump Form      |
|----------|---------------------------|---------------------------|----------------|
| SMP 1240 | 1" R <sup>x</sup> 90°<br> | 4" R <sup>x</sup> 90°<br> | Any Radius<br> |