



— **FABRICACIÓN Y AFILADO** —
DE CUCHILLAS INDUSTRIALES

— *Ingeniería de Precisión* —

FABRICACIÓN DE DADOS (PRESS BRAKE)



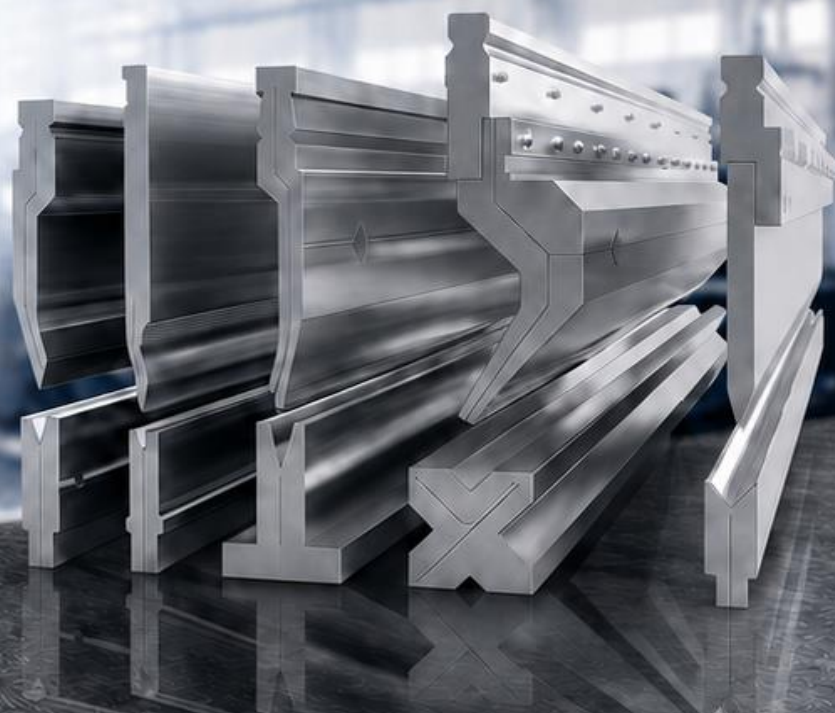
LÍNEA AMERICANA
Y EUROPEA



RECTIFICACIÓN Y
AFILADO INDUSTRIAL



DADOS PARA DOBLADORA
DE LÁMINA, ESTÁNDAR
Y ESPECIAL



INGENIERÍA DE PRECISIÓN
PARA EL CONFORMADO DE METAL



Bienvenidos a Dados Alfa

Somos una empresa mexicana con más de 26 años de experiencia en el diseño, fabricación y mantenimiento de herramientas para la industria metalmecánica.

Nos es muy grato abrir nuestras puertas para que usted conozca los servicios que están a su disposición.

Nuestro compromiso es ofrecer soluciones de precisión, calidad y servicio personalizado.

Nuestros Servicios

- Fabricación de Dados (Press Brake)
- Línea Americana
- Línea Europea
- Dados estándar y especiales
- Dispositivos especiales para dobladoras
- Rectificado, modificación y seccionado
- Cuchillas industriales
- Sistemas de sujeción.



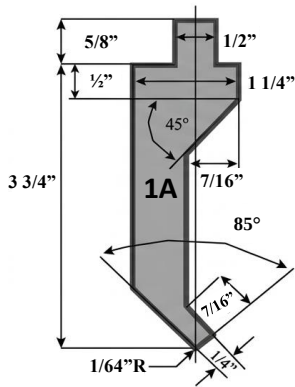
INGENIERÍA DE PRECISIÓN
PARA EL CONFORMADO DE METAL.



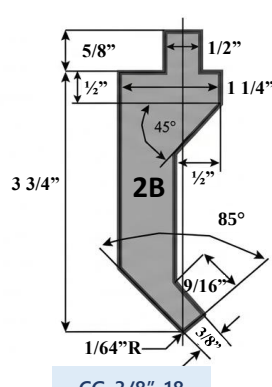
Más de 26 años desarrollando herramientas de precisión
para la industria metalmecánica

Dados para dobleces a 90°

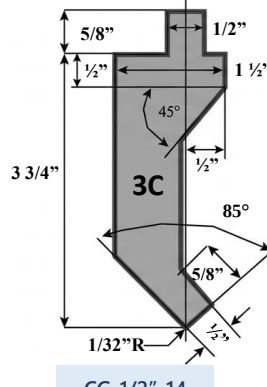
Para lámina de acero suave en calibres del 28 al 16"



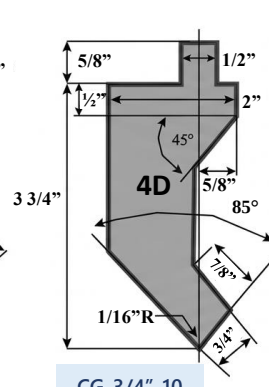
CG-1/4"-22



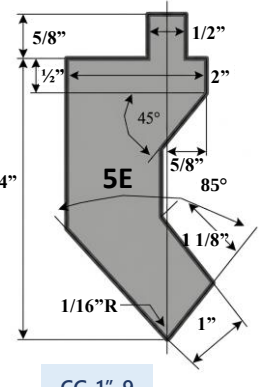
CG-3/8"-18



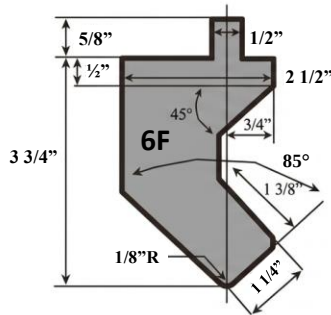
CG-1/2"-14



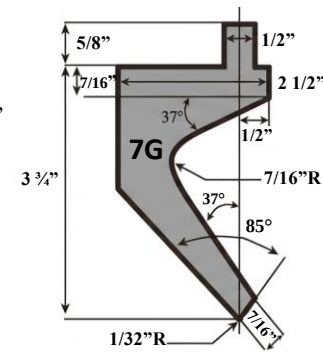
CG-3/4"-10



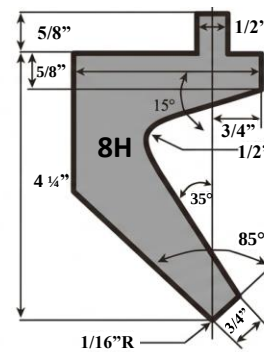
CG-1"-9



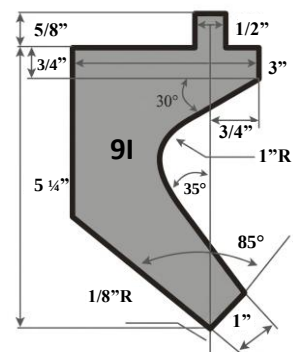
CG-1 1/4"-3/16"



CG-7/16"-16



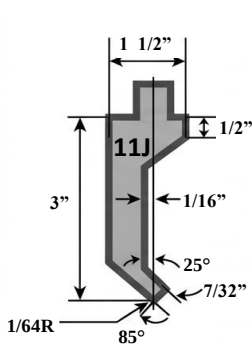
CG-3/4"-12



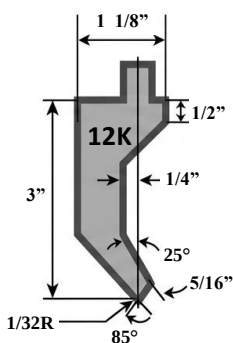
CG-1"-1/4"

Dados para dobleces a 90° Cuello tipo de ganso

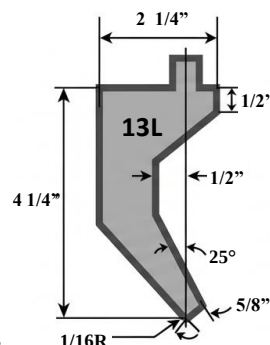
Para lámina de acero suave en calibres del 22 hasta 1/4"



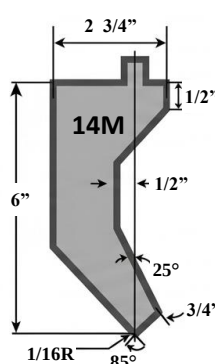
CG-7/32"-18



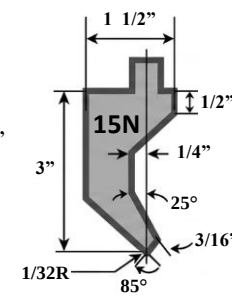
CG-5/16"-16



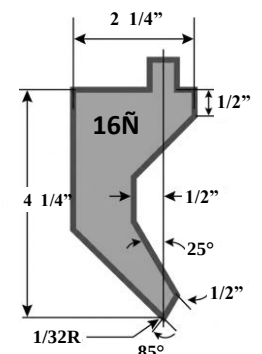
CG-5/8"-14



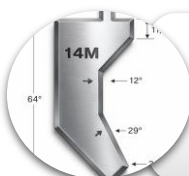
CG-3/4"-3/8"



CG-3/16"-12



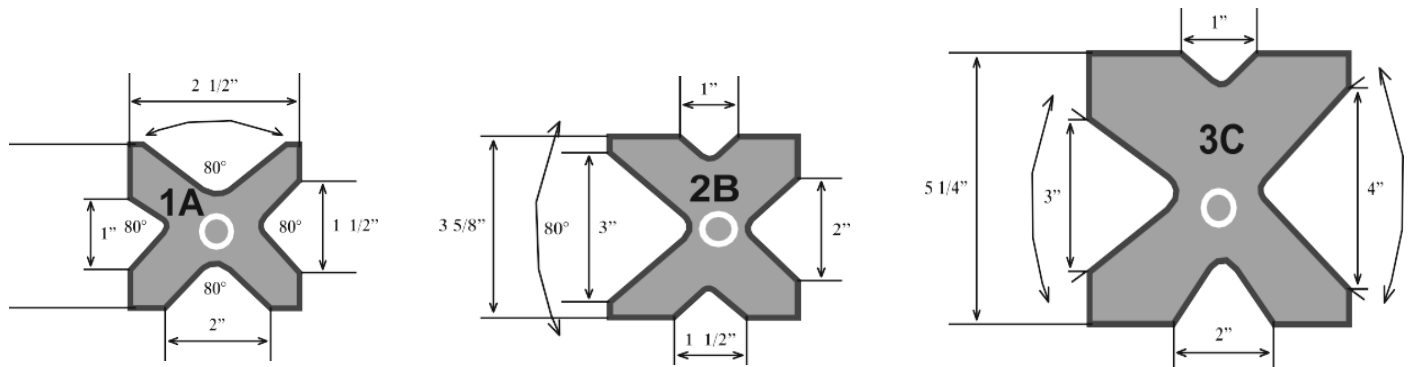
CG-1/2"-10



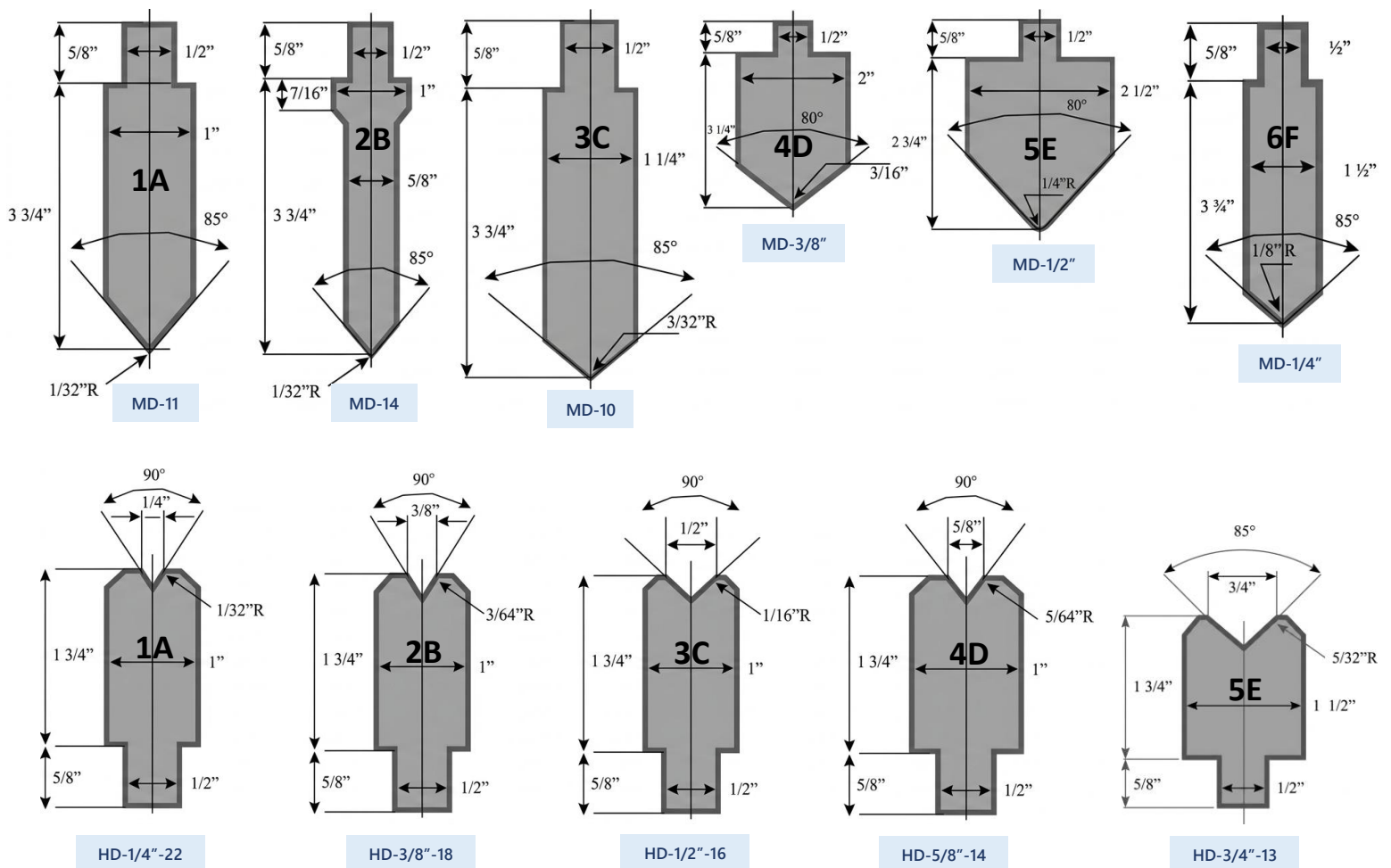
Ideales para formar canales en dos carreras o para perfiles especiales donde los dados rectos podrían interferir, una mayor profundidad en el escote, permite incremento en la longitud de retrocesos del doblez, de acuerdo a la capacidad del dado "Macho" - "Cuello de ganso".



Dados hembra múltiples

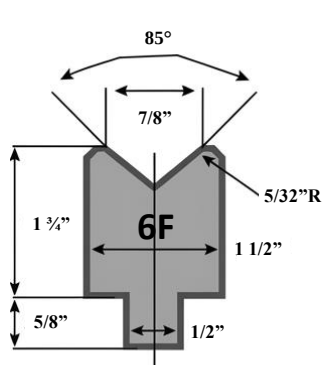


Dados para dobleces a 90°

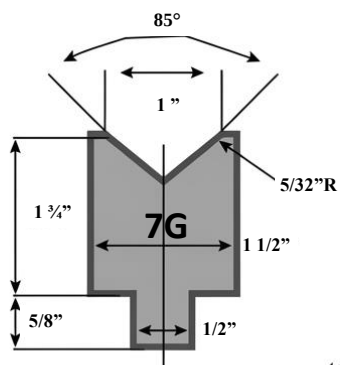


Dados para dobleces a 90°

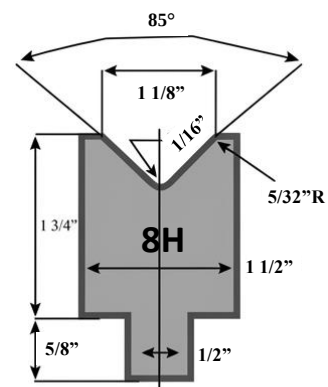
Para lámina de acero suave en calibres del 28 al 16"



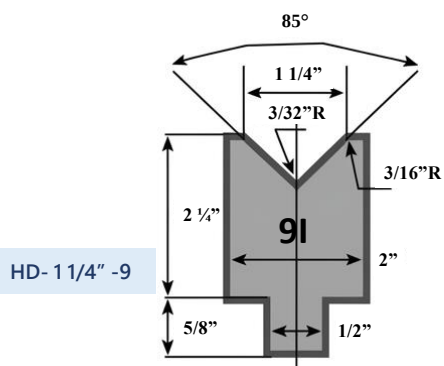
HD-7/8"-12



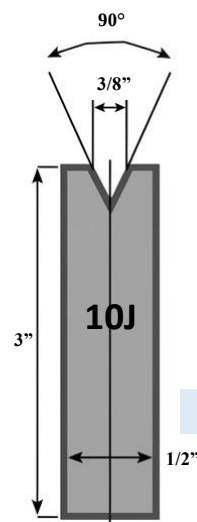
HD-1"-11



HD- 1 1/8" -10

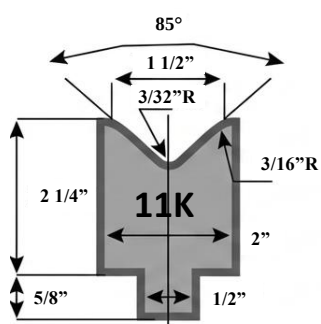


HD- 1 1/4" -9

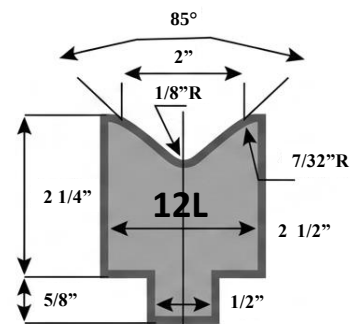


HD- 3/8" -18

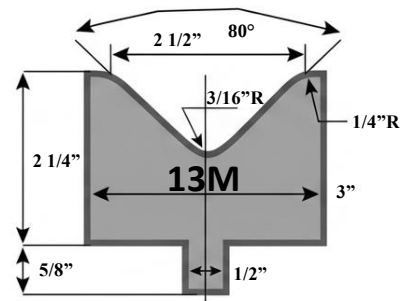
Para lámina de acero suave en calibres del 10 al 1/2"



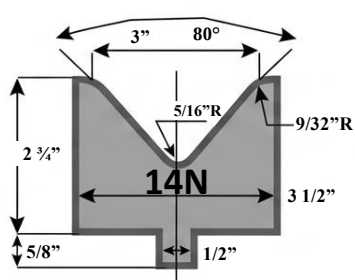
HD- 1 1/2" - 3/16"



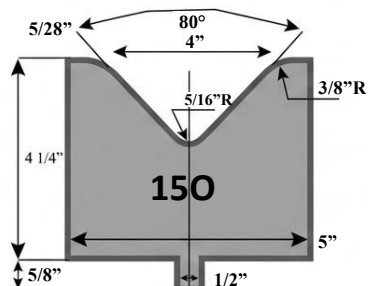
HD- 2" - 1/4"



HD- 2 1/2" -5/16"



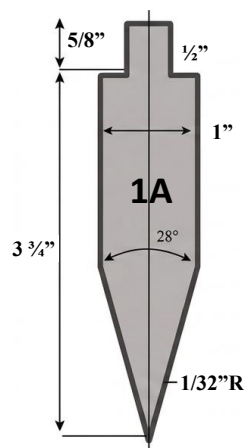
HD-3"-3/8"



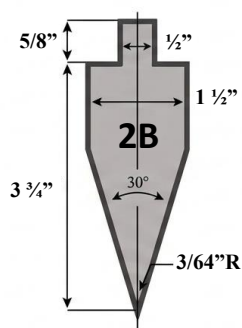
HD-4" - 1/2"



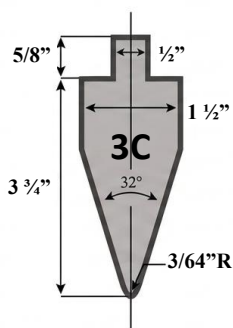
Usados para hacer dobleces al aire desde 30°, hasta dobleces poco profundos.
Útiles para realizar la primera operación de doblez para el planchado.



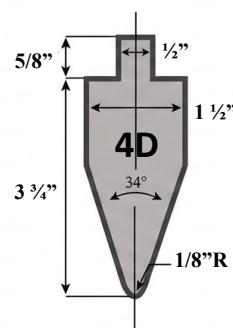
DP-16



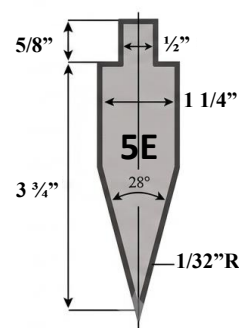
DP-12



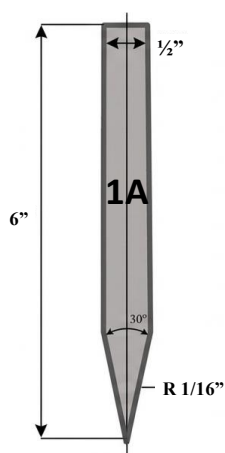
DP-10



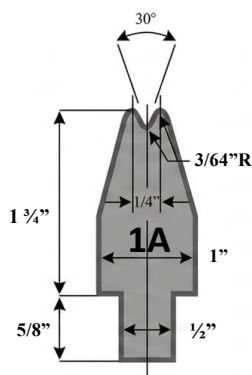
DP-3/16"



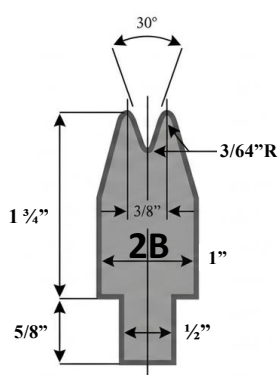
DP-14"



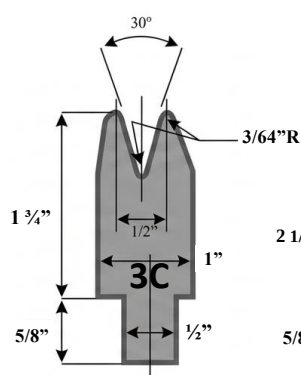
DMA-1/2"-10



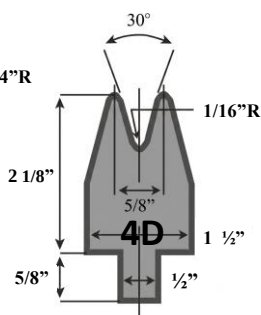
DHP-1/4"-22



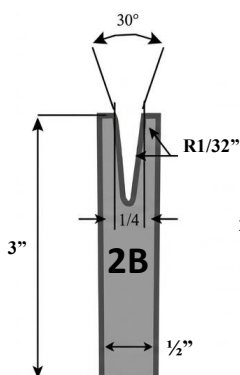
DHP-3/8"-18



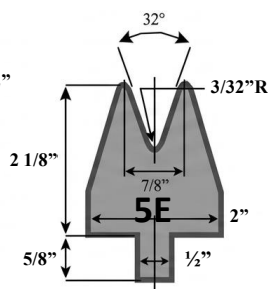
DHP-1/2"-16



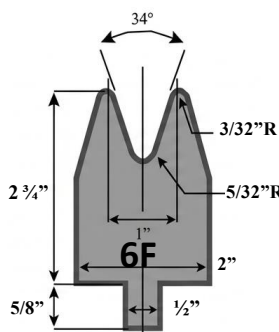
DHP-5/8"-14



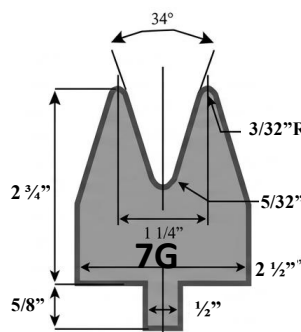
DHP-3/8"-18



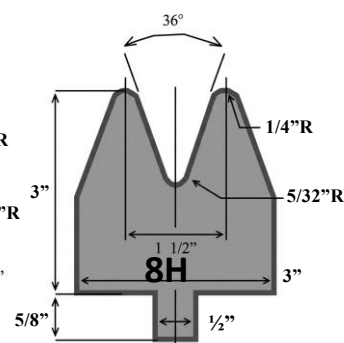
DHP-7/8"-12



DHP-1"-11



DHP-1 1/4"-10



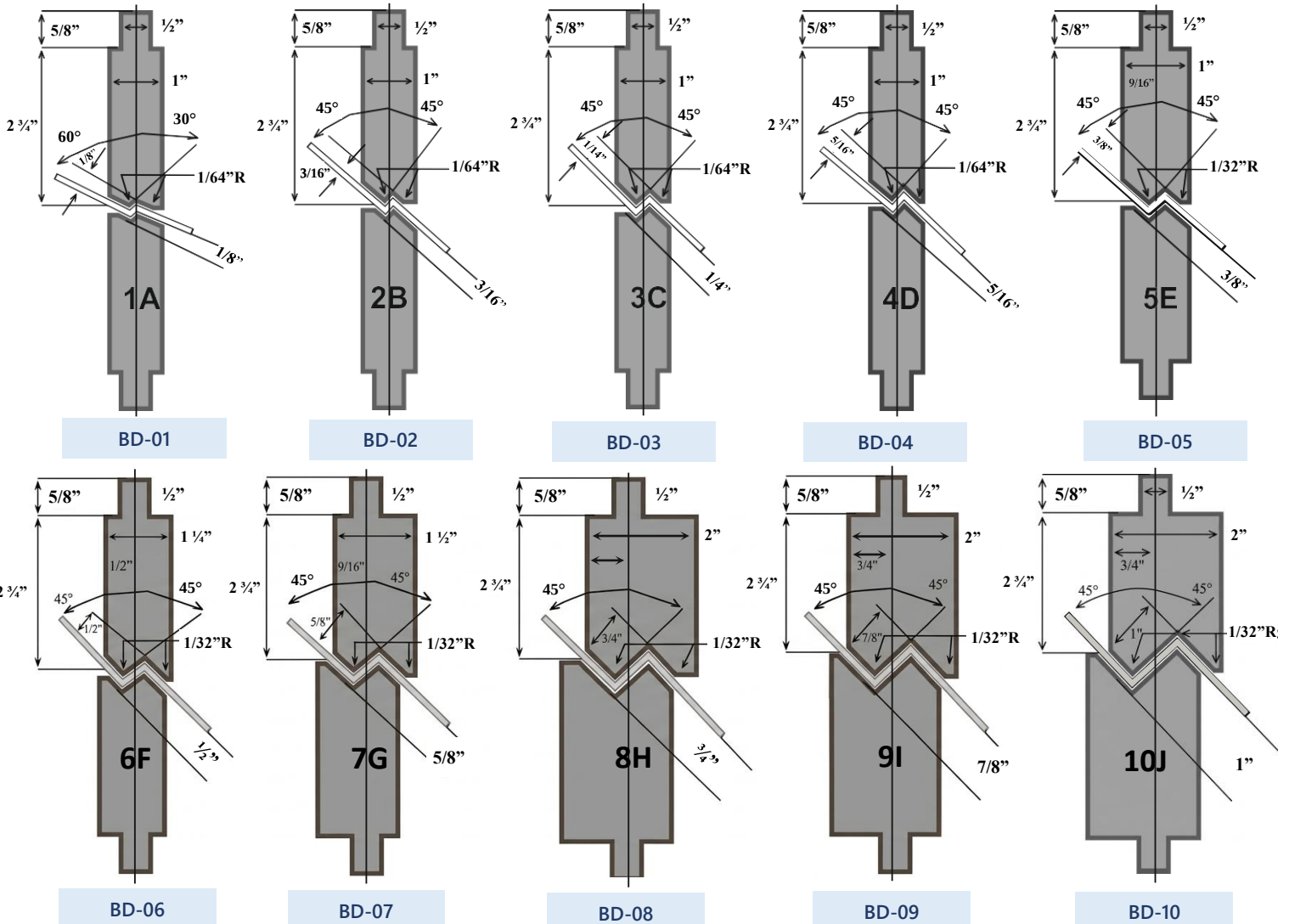
DHP-1 1/2"-3/16"



Dados para Bayonetas

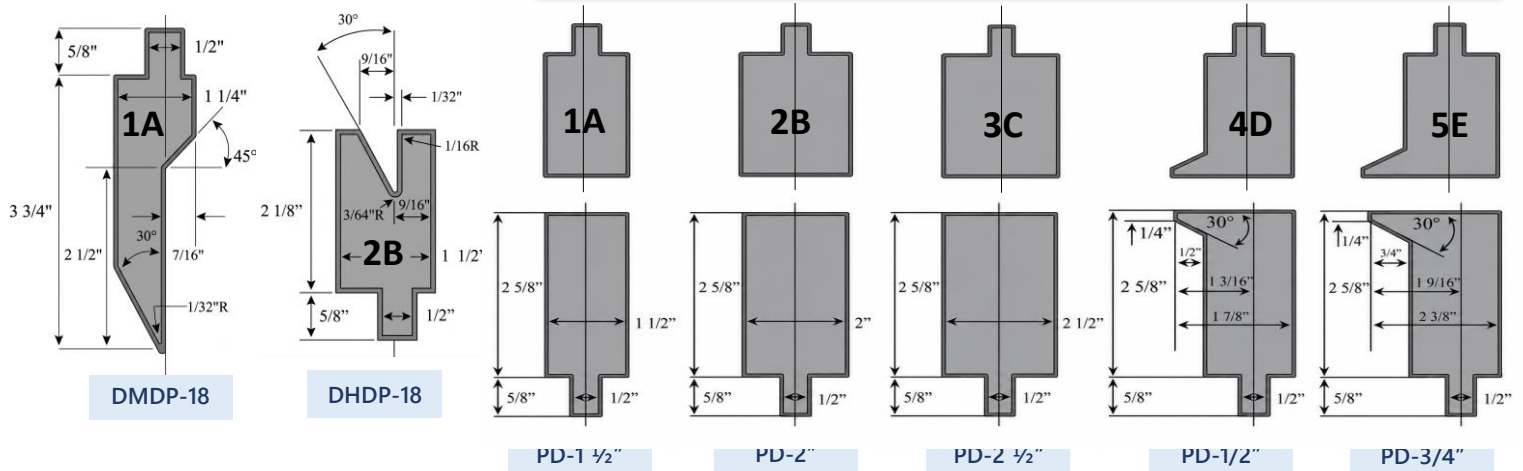
Para lámina de acero suave hasta calibre 16

Este tipo de dados forman dos dobleces de 90° en un solo golpe



Dados para planchar

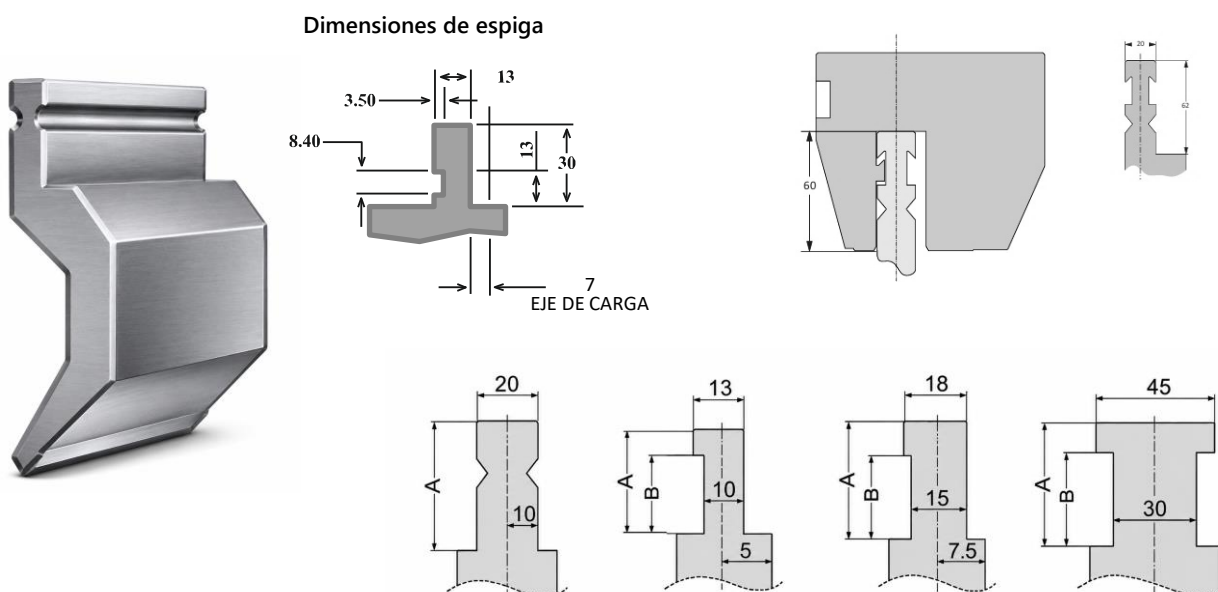
Este tipo de dados se usan para complementar el planchado o para cerrar a un determinado ángulo de apertura.



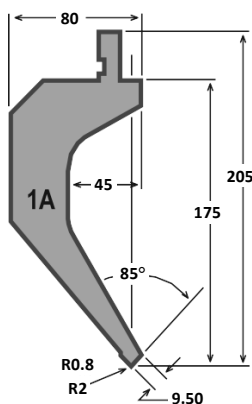


Línea Europea

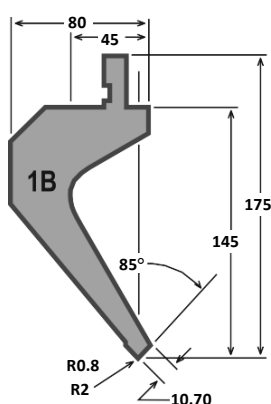
Tipos de sujeción



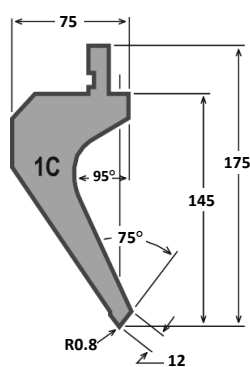
INGENIERÍA DE PRECISIÓN
PARA EL CONFORMADO DE METAL



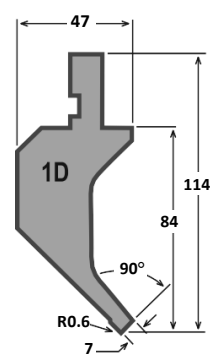
P-CG-E-205 Cal. 16



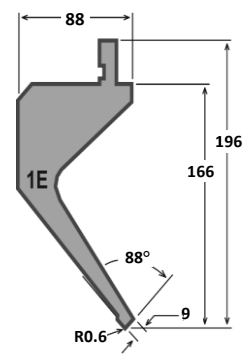
P-CG-E-175 Cal. 16



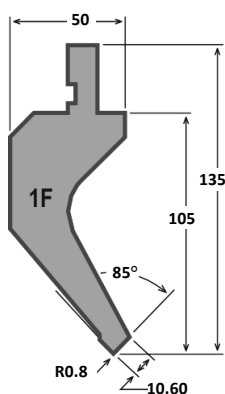
P-CG-E-175 Cal. 14



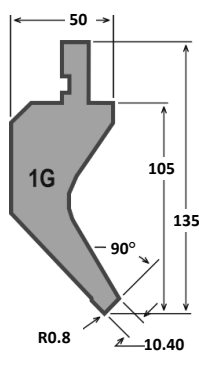
PCG-E-114-R0.6



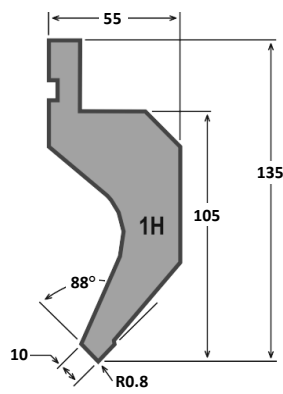
PCG-E-196-88°-R0.6



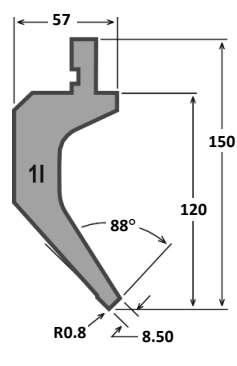
PCG-E-135-85°-R0.8



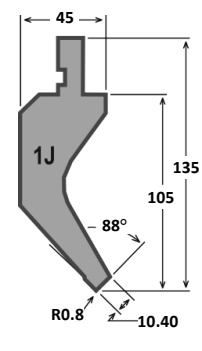
PCG-E-135-90°-R0.8



PCG-E-135-88°-R0.8

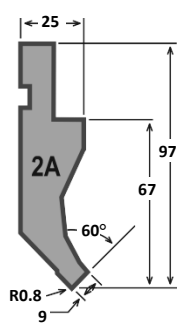


PCG-E-150-88°-R0.8

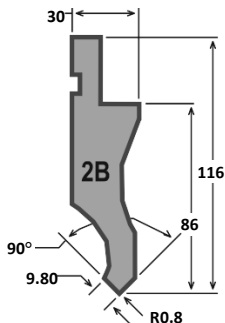


PCG-E-135-88°-R0.8

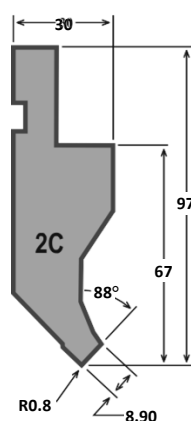
Dados tipo cuello de ganso



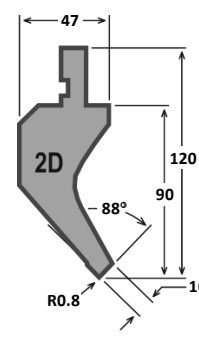
PCG-E-97-R0.8



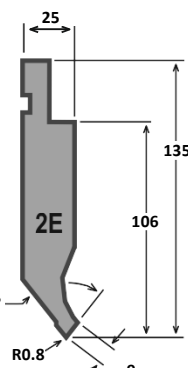
PCG-E-116-90°-R0.8



PCG-E-97-88°-R0.8

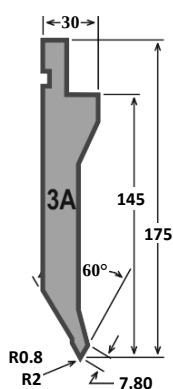


PCG-E-120-88°-R0.8

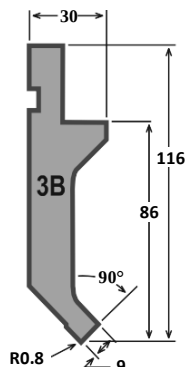


PCG-135-75°-R0.8

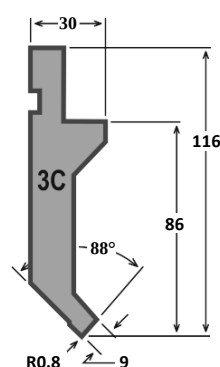




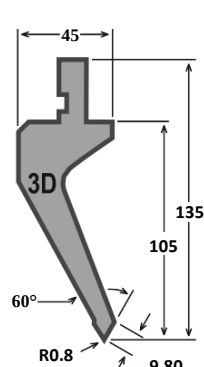
PCG-E-175-R0.8-60°



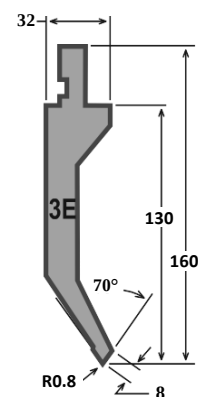
PCG-E-116-90°-R0.8



PCG-E-116-88°-R0.8

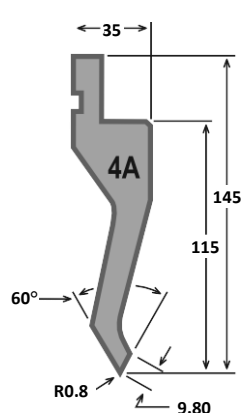


PCG-E-135-60°-R0.8

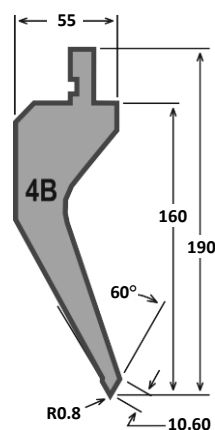


PCG-160-70°-R0.8

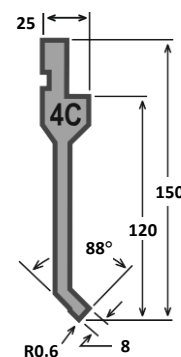
Dados tipo cuello de ganso de entrada estrecha



PCG-E-145-60°

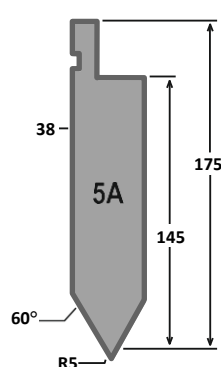


PCG-E-190-60°

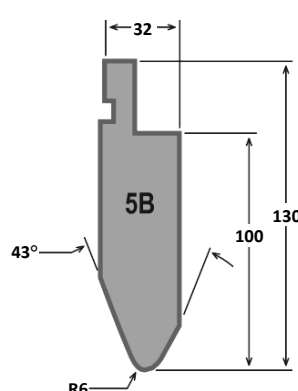


PCG-E-150-88°-R06

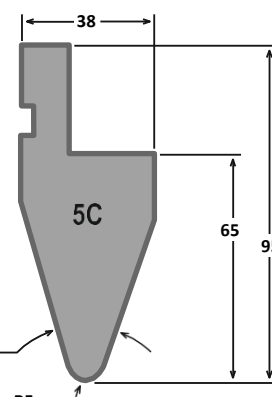
Dados tipo semi rectos



P-MR-175-R5

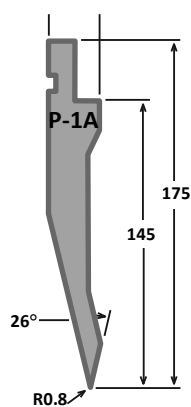


P-MR-130-R6

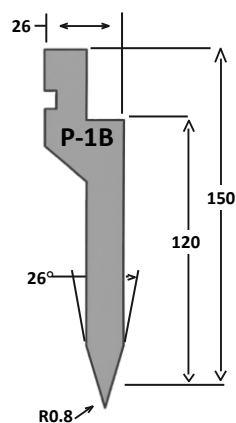


P-MR-95-R5

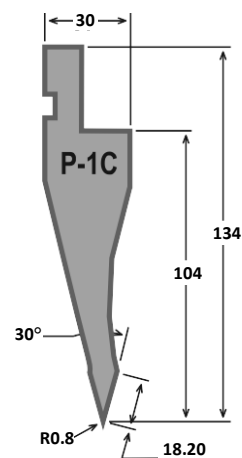




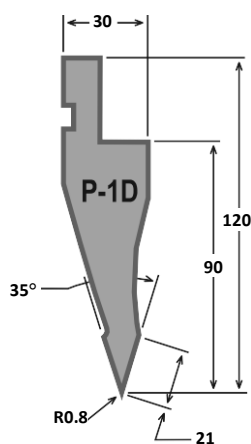
PCG-E-175-R0.8-26°



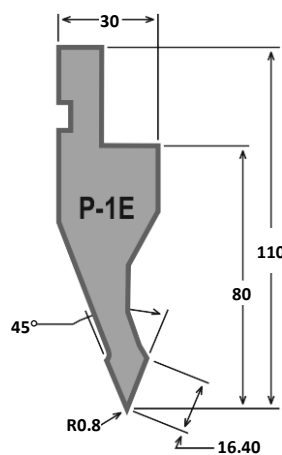
PCG-E-150-26°



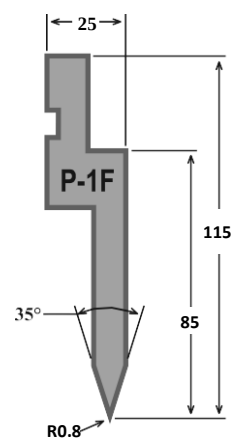
PCG-E-134-30°



PCG-E-120-35°

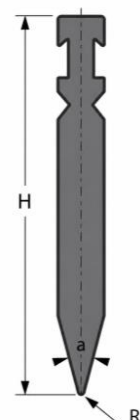
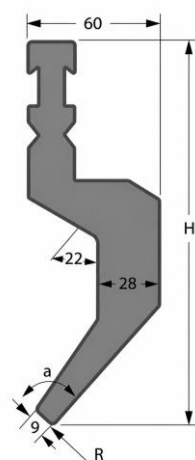
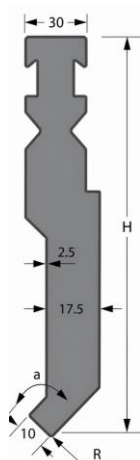
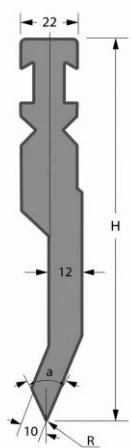


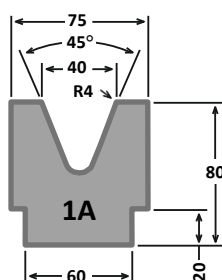
PCG-E-110-45°



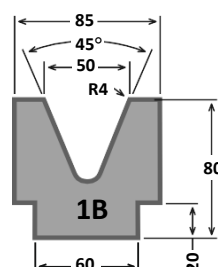
PMR-E-115-35°

Sujeción Brystonic

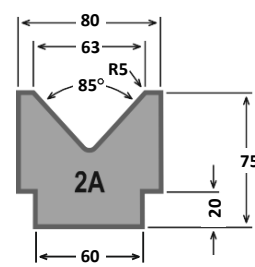




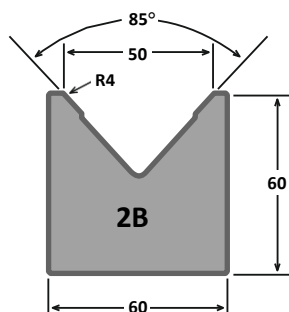
HE-40-45°-80°



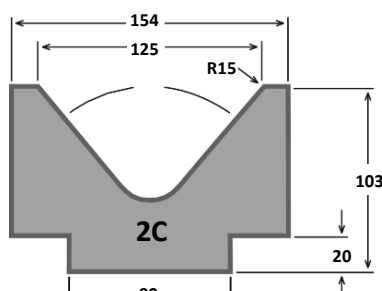
HE-50-45°-80



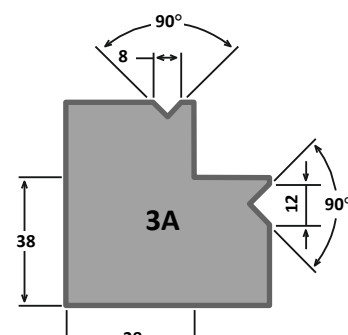
HE-85°-75



HE-85°-60

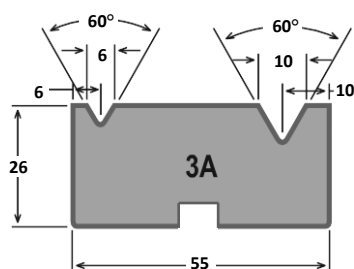


HE-R15-103

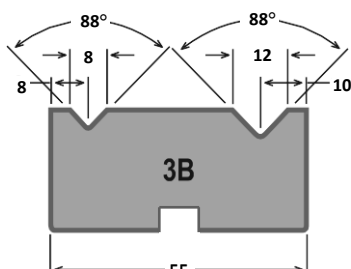


HE-90°-90°

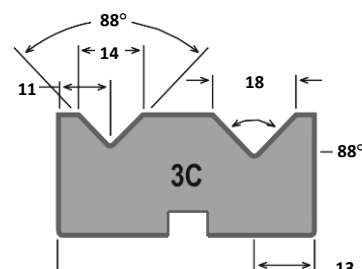
Dados hembra con doble abertura para intercambio rápido



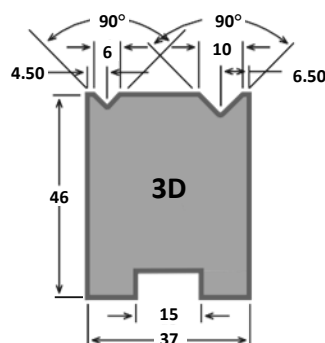
HE-60°-60°-55



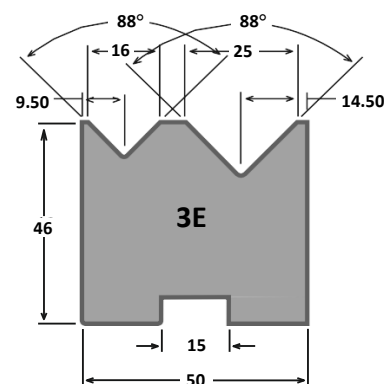
HE-88°-88°-55



HE-88°-55-88°

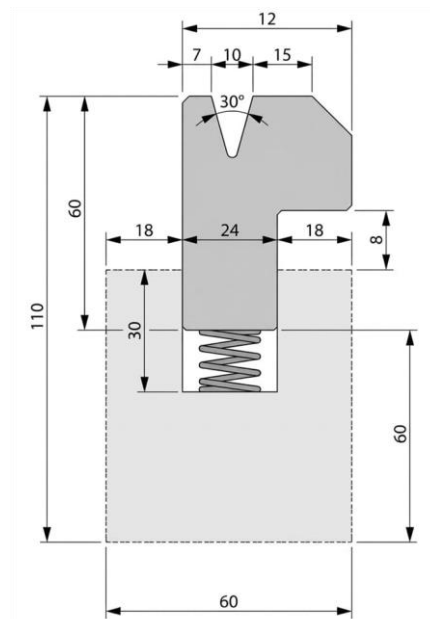


HE-90°-90°-15

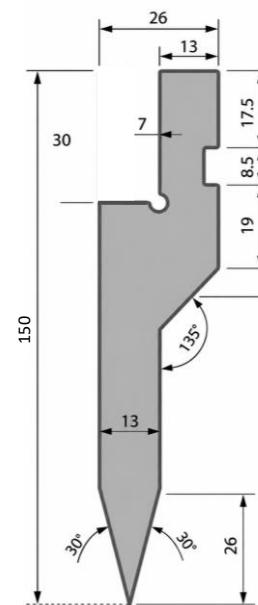


HE-88°-88°-50



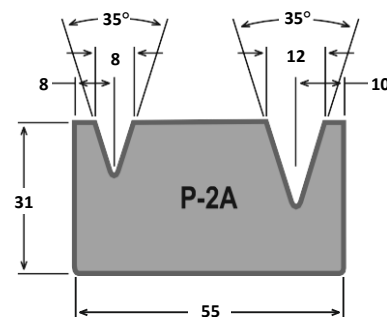


HEP-18

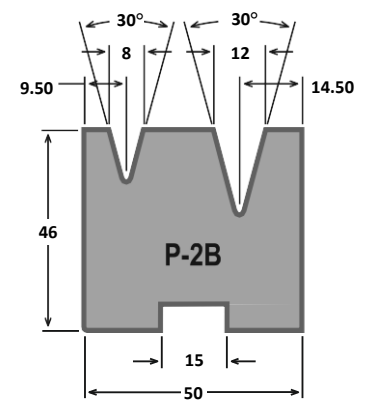


MEP-18

Dados hembra para pasar con doble abertura para intercambio rápido

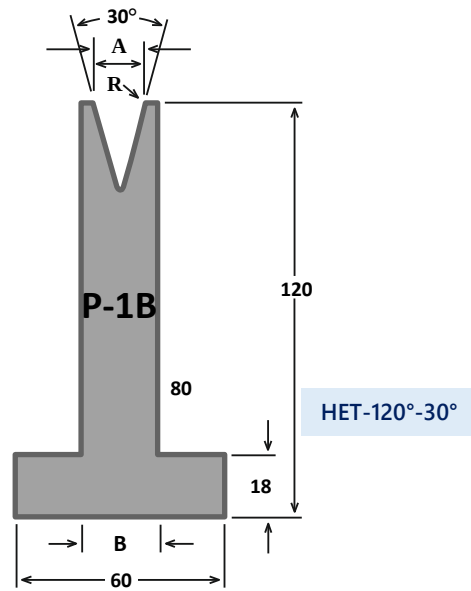
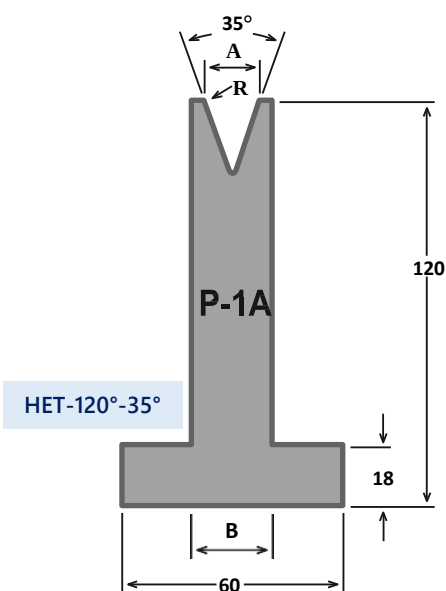


HE-35°-35-55°

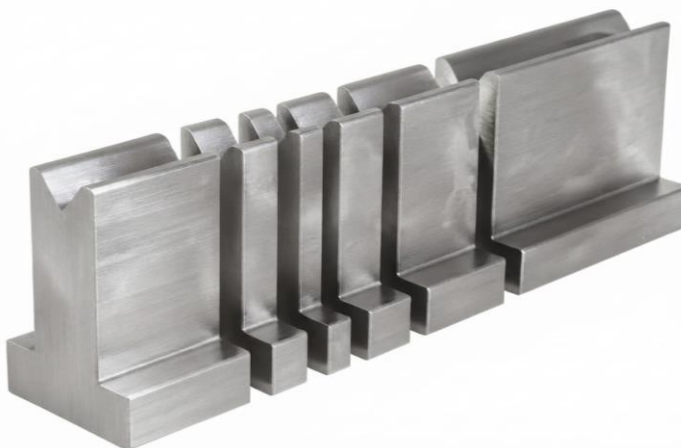
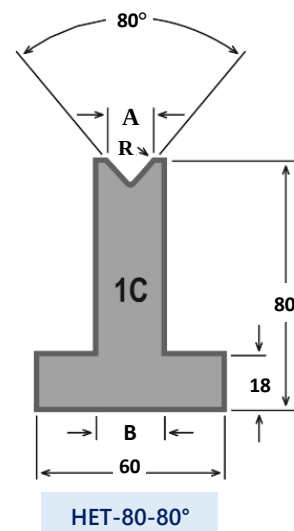
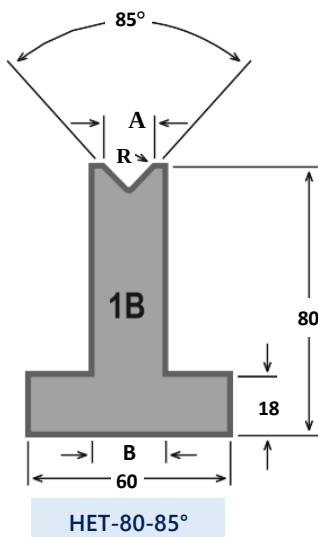
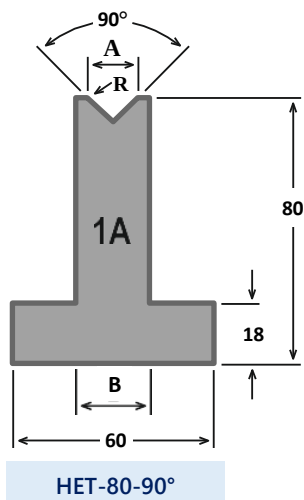


HE-30°-30-15°





Dados hembra tipo T a 90°



Cuchillas para cizalla

Fabricación y afilado de cuchillas rectas, circulares y especiales.
Para corte de lámina, papel, bolsa, etc.
Longitud hasta de 4.40 metros.



INGENIERÍA DE PRECISIÓN
PARA EL CONFORMADO DE METAL



TABLA DE TONELAJE

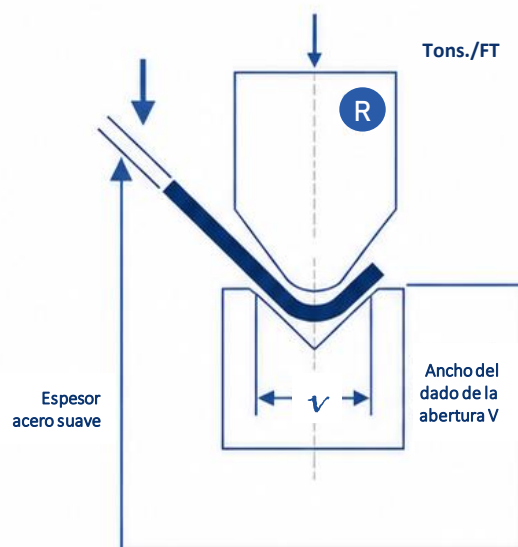


Si se conocen el espesor del material y el radio de doblez interior, puede obtenerse lo siguiente de la tabla de abajo:

- ✓ Presión requerida para doblar el material por metro lineal.
- ✓ Abertura del dado que se usará.
- ✓ Longitud mínima de pestaña que se puede doblar.

R Espesor del material (resistencia a la tensión): 56892-71115²lbs/in)

v Abertura del dado.



ABERTURA DEL DADO HEMBRA		TABLA DE TONELAJE																					
		ESPESOR DE LÁMINA																					
		cal. 26	cal. 24	cal. 22	cal. 20	cal. 18	cal. 16	cal. 14	cal. 13	cal. 12	cal. 11	cal. 10	cal. 09	cal. 07	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
		.018"	.024"	.030"	.036"	.045"	.060"	.075"	.090"	.105"	.120"	.135"	.149"	.187"	.250"	.313"	.375"	.437"	.500"	.625"	.750"	.875"	.1000"
PULG.	M.M.	0.45	0.60	0.76	0.91	1.21	1.52	1.90	2.28	2.66	3.04	3.42	3.78	4.74	6.36	7.94	9.53	11.11	12.70	15.88	19.05	22.23	25.40
1/8"	3.18	4.0	6.9	11.9																Con este calibre se usa 10 veces el espesor de la lámina.			
3/16"	4.76	2.7	4.8	8.3	13.5																		
1/4"	6.35	1.7	3.6	5.9	9.5	16.8																	
5/16"	7.94		2.3	4.6	7.3	13.2	23.1																
3/8"	9.53			3.3	5.6	9.6	17.5	29.0															
1/2"	12.70				3.7	7.3	11.9	18.8	33.0														
5/8"	15.88					5.3	8.9	14.9	22.4	34.6													
3/4"	19.05					4.3	7.3	12.2	17.8	24.4	33.3												
7/8"	22.23						5.6	10.0	14.1	19.8	27.0	34.9											
1"	25.40						4.6	8.3	12.2	17.8	23.8	31.7	40.2										
1 1/8"	28.58							6.9	10.9	14.5	20.5	27.7	36.3	54.1									
1 1/4"	31.76							5.6	9.6	13.2	17.8	23.1	29.7	46.2	95.0								
1 1/2"	38.10									10.8	14.1	18.5	22.1	37.0	73.0	125.4							
2"	50.80										10.6	13.5	17.2	25.1	50.5	85.8	135.3						
2 1/2"	63.50											7.9	11.6	19.1	37.9	61.9	98.7	149.2					
3"	76.20												7.3	14.9	30.0	52.8	79.2	115.5	157.1				
3 1/2"	88.90														24.8	41.3	64.0	92.4	128.7	229.3			
4"	101.60														20.5	35.0	57.0	79.2	109.2	191.4	303.6		
5"	127.00															25.1	40.6	56.1	79.2	139.3	227.7	343.2	
6"	152.40																30.7	48.2	53.0	106.9	172.3	264.0	370.3
7"	177.80																	36.6	51.5	85.8	139.3	208.0	297.7
8"	202.20																		41.9	76.0	108.8	173.3	250.8
10"	228.50																			54.5	89.1	130.0	185.5
11"	254.00																				69.3	103.6	145.2



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**INGENIERÍA DE PRECISIÓN
PARA EL CONFORMADO DE METAL**