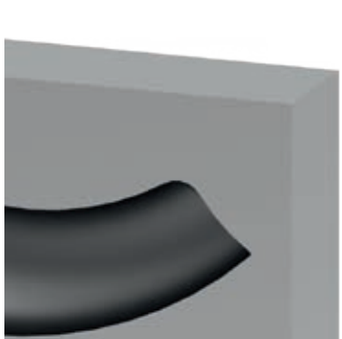
KONEK PSN

SGC

side gating
inyección lateral
injection latérale

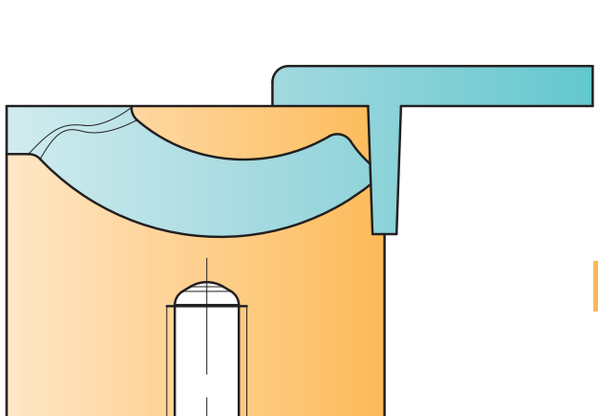
Suitable for all plastics · Indicado para todos los plásticos · Convient à tous les plastiques



EN
> **curved tunnel permits gating deep inside the part**
> **integrated dead-end recess reduces loss of pressure and shear stress.**
> **highly wear-resistant hot working steel M2 (1.3343) – 54+2 HRC**

ES
> el canal acodado permite la inyección en zonas profundas del componente
> el fondo de regulación integrado reduce la pérdida de presión y el cizallamiento
> acero para trabajo en caliente de alta resistencia la desgaste M2 (1.3343) – 54+2 HRC

FR
> le canal coudé permet une injection dans des zones situées profondément dans la pièce
> Le fond de retenue intégré réduit les pertes de pression et le cisaillement
> Acier de travail à chaud hautement résistant à l'usure M2 (1.3343) – 54+2 HRC



	SGC-XS	SGC-S	SGC-1	SGC-2	SGC-3
gate point / punto de inyección / point d'injection	0,4 - 0,8	0,4 - 1,0	0,6 - 1,4	0,8 - 2,1	~ Ø 1,1 - 3,3
Ø runner / canal / canal	2.5	2.5	4	6	8

max. shot weight (g) · pesos de inyección máx. (g) · poids maxi injecté (g)					
LV	12	20	35	250	1000
MV	7	12	25	120	500
HV	5	8	15	90	300

LV = low viscosity / baja viscosidad / faible viscosité
MV = medium viscosity / media viscosidad / viscosité moyenne
HV = high viscosity / alta viscosidad / viscosité élevée

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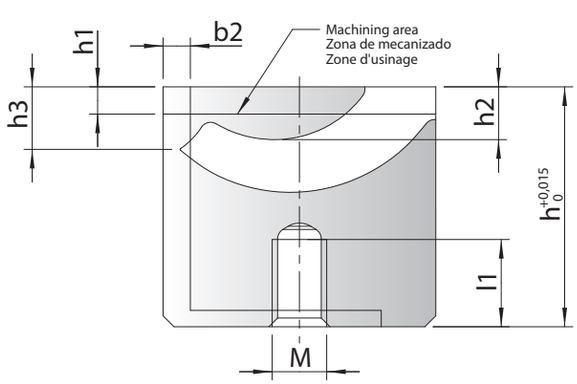
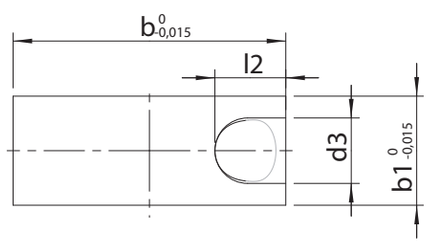
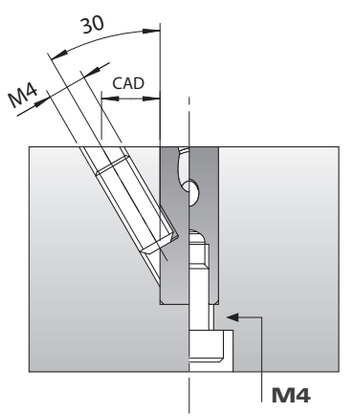




SGC-XS / SGC-S

Mounting possibilities
Posibilidades de fijación
Possibilités de fixation



Typ	b	b1	b2 max.	d3	h	h1 max.	h2	h3	l1	l2	M
SGC-XS	10	5	1.1	2.5	12	0.6	1.9	2.0	5	3.2	4
SGC-S	15	6	2.0	2.5	18	2	3.5	4.0	8	4	4
SGC-1	18	8	1.8	4	22	2	3.5	4.1	9	5.2	5
SGC-2	25	10	2.5	6	22	2.5	4.8	5.7	8	6.5	5
SGC-3	30	12	2.8	8	27	4.5	7.5	8.4	9	7	6

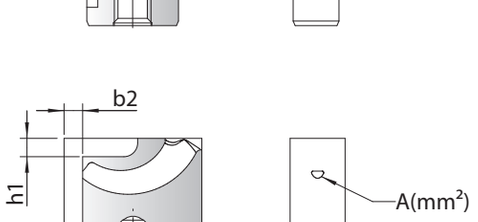
Example of ordering designation · Ejemplo de denominación para el pedido · Exemple désignation de commande: **SGC-XS**

SGC-XS

A [mm²]	~ Ø [mm]	b2 [mm]
0.13	0.4	0.9
0.3	0.6	1.0
0.53	0.8	1.1

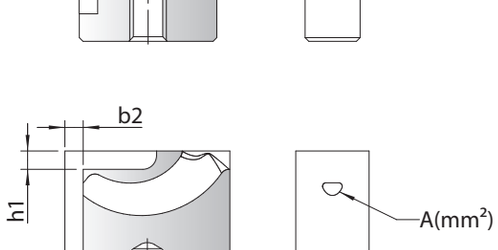
SGC-S

A [mm²]	~ Ø [mm]	b2 [mm]
0.15	0.4	1.7
0.33	0.6	1.8
0.55	0.8	1.9
0.79	1.0	2.0



SGC-1

A [mm²]	~ Ø [mm]	b2 [mm]
0.28	0.6	1.4
0.53	0.8	1.5
0.82	1	1.6
1.15	1.2	1.7
1.52	1.4	1.8



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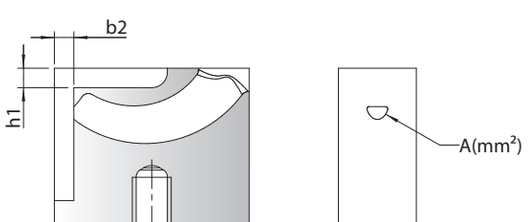
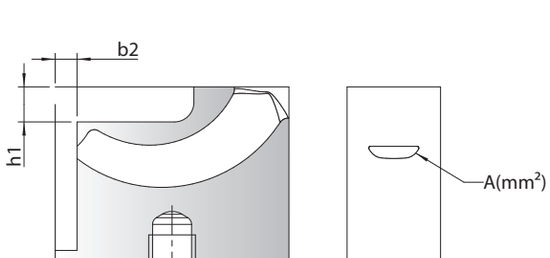
SGC-2

A [mm²]	~ Ø [mm]	b2 [mm]
0.28	0.6	1.7
0.54	0.8	1.8
0.84	1	1.9
1.2	1.2	2
1.57	1.4	2.1
2	1.6	2.2
2.43	1.75	2.3
2.9	1.9	2.4
3,4	2,1	2,5



SGC-3

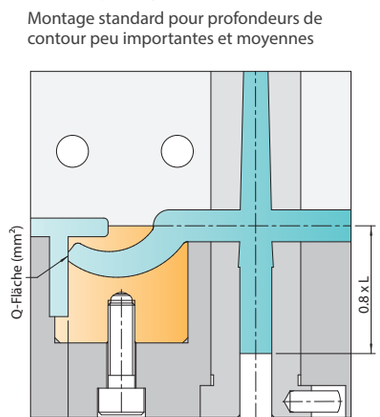
A [mm²]	~ Ø [mm]	b2 [mm]
1	1.1	2
1.75	1.5	2.1
2.56	1.8	2.2
3.43	2.1	2.3
4.35	2.35	2.4
5.32	2.6	2.5
6.33	2.85	2.6
7.38	3	2.7
8.48	3.3	2.8



Standard installation for shallow and medium contour depths

Montaje estándar para profundidades de contorno planas y medias

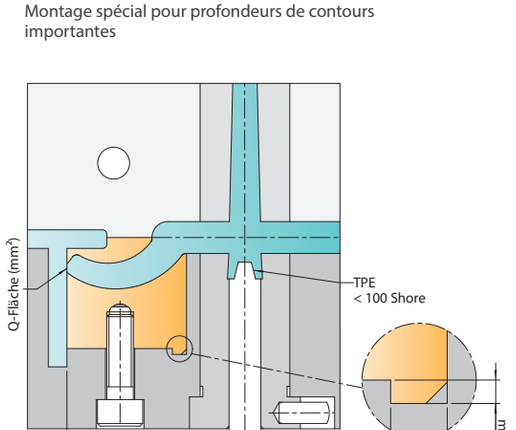
Montage standard pour profondeurs de contour peu importantes et moyennes



Special installation for deep contours

Montaje especial para grandes profundidades de contorno

Montage spécial pour profondeurs de contours importantes



EN Thermoplastic elastomers (TPE)
- Low Shore hardness = shorter distance LL
- Use centring pin
- Max. hardness 100 Shore A

ES Elastómeros termoplásticos (TPE)
- Baja dureza Shore = distancia L más corta
- Utilizar pasador de centraje
- Dureza Shore máx.: 100 Shore A

FR Elastomères thermoplastiques (TPE)
- Faible dureté Shore = écart L moins élevé
- Utiliser un tourillon de guidage
- Dureté Shore maximum 100 Shore A

Table for distance L · Diagrama para medida de distancia L · Diagramme pour écart L

	Material type · Tipo de material · Type matière			
	TPE, TPU etc.	PE, PP, PET etc.	PC/ABS, PA, POM, HI-PC etc.	PA+GF, PC, SAN, PMMA etc.
SGC-XS	12-16	13-20	16-23	22-29
SGC--S	16-21	18-25	21-28	27-34
SGC--1	21-26	26-34	31-39	36-45
SGC--2	28-33	31-39	36-44	41-50
SGC--3	33-38	38-48	43-53	48-58

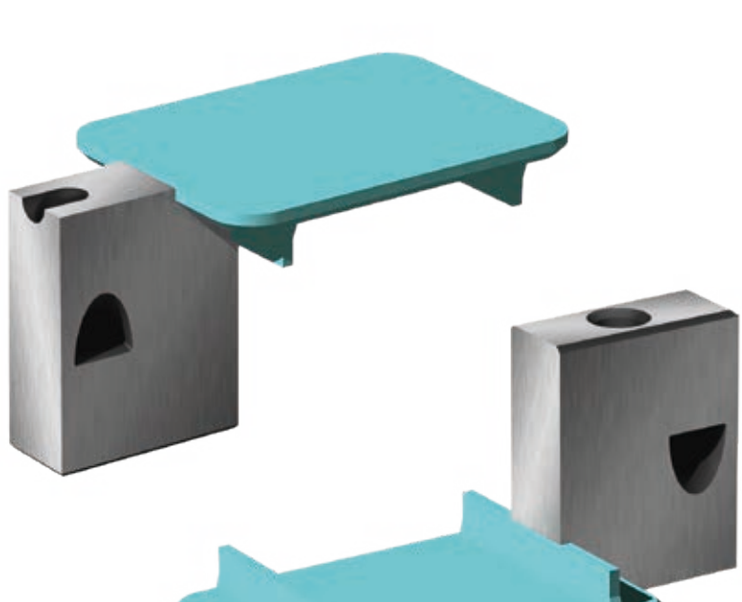
Examples of installation

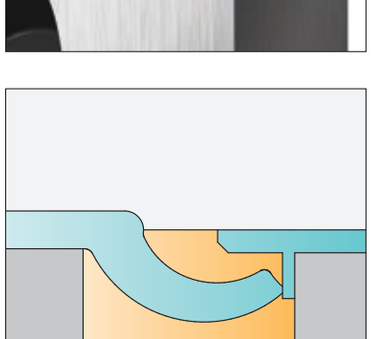
Ejemplos de montaje · Exemples de montage

Side gating – standard installation

Inyección lateral – montaje estándar

Injection latérale – montage standard





Side gating – adapted to part

Inyección lateral – adaptada a la pieza

Injection latérale – adaptée à la pièce