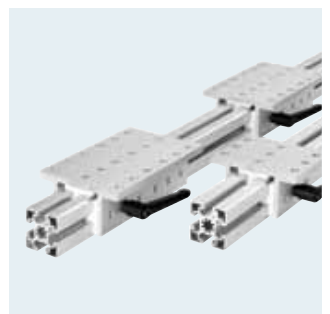
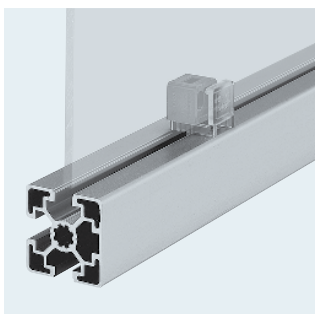
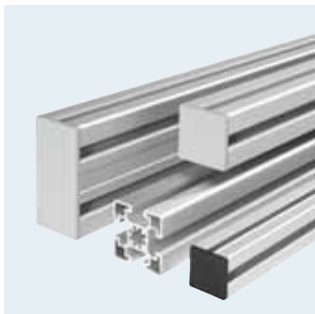


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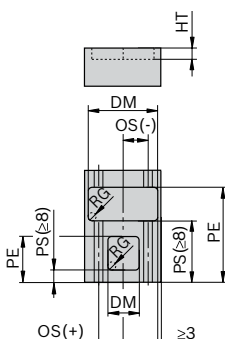
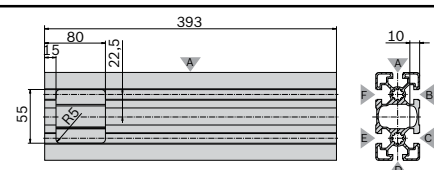
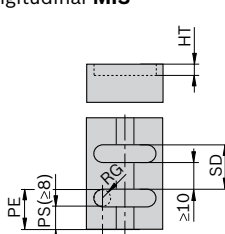
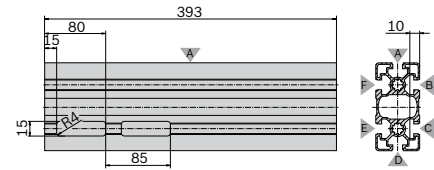
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Notas

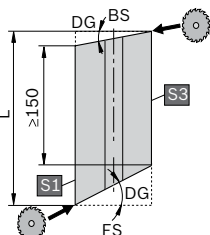
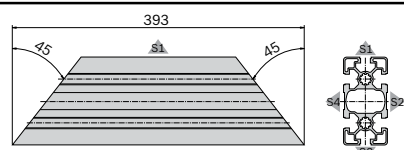
Fresado longitudinal MI, secuencia de fresado longitudinal MIS

Número de material / longitud / [denominación de la ranura=MI; PS=...; OS=...; DM=...; HT=...; PE=...; RG=...]; [...]
 Número de material / longitud / [denominación de la ranura=MIS; PS=...; OS=...; DM=...; HT=...; PE=...; RG=...; SN=...; SD=...]; [...]

| Mecanizado de extremos | Parámetros | Ejemplo de pedido para perfil 45x90L |
|---|---|--|
| Fresado longitudinal MI  | <p>PS Punto de inicio fresado PS_{min} = 8 mm PS_{min} = 60 mm en la parte inferior del perfil (para la orientación, véanse las tablas de pedido)</p> <p>OS Offset punto de inicio (opcional)</p> <p>DM Anchura del fresado DM_{min} = 8 mm; DM_{max} = anchura/altura del perfil - 6 mm En ambos lados, deben quedar al menos 3 mm del perfil</p> <p>HT Profundidad del fresado. HT_{max} = 5,5 mm (ranura 6 mm) HT_{max} = 9,0 mm (ranura 8 mm) HT_{max} = 12,5 mm (ranura 10 mm)</p> <p>PE Punto final del fresado PE_{max} = L - 8 mm 8 mm ≤ PE - PS ≤ 100 mm</p> <p>RG Radio geometría de fresado RG = 3 mm; 4 mm; 5 mm; 8 mm</p> |  <p>3 842 993 662 / 393 / [B=MI; PS=15; OS=22,5; DM=55; HT=10; PE=80; RG=5]</p> |
| Secuencia de fresado longitudinal MIS  | <p>PS, OS, DM, HT, PE, RG Igual que el fresado longitudinal MI</p> <p>SN Número de mecanizados SN_{max} = INT(L - 8 - PE / SD) + 1</p> <p>SD Distancia de mecanizados adyacentes SD_{min} = (PE - PS) + 10</p> |  <p>3 842 993 662 / 393 / [C=MIS; PS=15; DM=15; HT=10; PE=80; RG=4; SN=2; SD=85]</p> |

Corte en inglete

Número de material / longitud / [FS=lado; DG=ángulo de inglete]; [BS=lado; DG=ángulo de inglete]

| Mecanizado de extremos | Parámetros | Ejemplo de pedido para perfil 45x90L |
|--|---|--|
| Corte en inglete  | <p>FS Front side S1, S3 - lado del perfil en el que comienza el corte en inglete</p> <p>BS Back side S1, S3 - lado del perfil en el que comienza el corte en inglete</p> <p>DG Ángulo de inglete DG > 0 El ángulo se indica siempre en positivo. Tener en cuenta el ángulo de inglete máximo admisible (véanse las tablas de pedido)</p> |  <p>3 842 993 662 / 393 / [FS=S3; DG=45]; [BS=S3; DG=45]</p> |

Taladrado DI, secuencia de taladrado DIS

Número de material / longitud / [denominación de la ranura =DI; PS=...; OS=...; DM=...; HT=...]; [...]

Número de material / longitud / [denominación de la ranura =DIS; PS=...; OS=...; DM=...; HT=...; SN=...; SD=...]; [...]

| Mecanizado de extremos | Parámetros | Ejemplo de pedido para perfil 45x90L |
|---------------------------------------|--|--|
| Taladro DI | PS Centro del taladro $PS_{min} = DM/2 + 3 \text{ mm};$ $PS_{max} = L - (DM/2 + 3 \text{ mm})$ OS Offset punto de inicio (opcional) Seleccionar OS de forma que el taladro no corte los bordes de la ranura DM Diámetro del taladro DM, véase la tabla HT Profundidad del taladro (opcional) Si no se indica, se taladra hasta el final HT_{max} véase tabla | <p>3 842 993 662 / 393 / [B=DI; PS=60; OS=22,5; DM=9,8]</p> |
| Secuencia de taladrado DIS | PS, OS, DM, HT Como taladro DI SN Número de mecanizados $SN_{max} = INT((L - 3 \cdot PS - DM/2) / SD) + 1$ SD Distancia de mecanizados adyacentes $SD_{min} = DM + 3$ | <p>3 842 993 662 / 393 / [B=DIS; PS=60; OS=22,5; DM=9,8; SN=4; SD=35]</p> |

Diámetros de taladrado admisibles, profundidades de taladrado admisibles (en mm)

| DM | 5,8 | 6,4 | 7,8 | 8,0 | 8,4 | 9,8 | 11,0 | 17,0 |
|-------------------|------|------|------|------|------|------|------|------|
| HT _{max} | 40,0 | 45,0 | 45,0 | 45,0 | 45,0 | 50,0 | 60,0 | 75,0 |

ATENCIÓN: Si HT_{max} no es suficiente para taladrar por completo el perfil, deberán pedirse dos taladros opuestos.

Fresado transversal MT, secuencia de fresado transversal MTS

Número de material / longitud / [denominación de la ranura=MT; PS=...; HT=...; PE=...]; [...]

Número de material / longitud / [denominación de la ranura=MTS; PS=...; HT=...; PE=...; SN=...; SD=...]; [...]

| Mecanizado de extremos | Parámetros | Ejemplo de pedido para perfil 45x90L |
|---|--|---|
| Fresado transversal MT | PS Punto de inicio fresado $PS_{min} = 8 \text{ mm}; PS_{min} = 60 \text{ mm}$ en el lado inferior del perfil HT Profundidad del fresado $HT_{max} = 5,5 \text{ mm}$ (ranura 6 mm) $HT_{max} = 9,0 \text{ mm}$ (ranura 8 mm) $HT_{max} = 12,5 \text{ mm}$ (ranura 10 mm) PE Punto final del fresado $PE_{max} = L - 8 \text{ mm}; 8 \text{ mm} \leq PE - PS \leq 100 \text{ mm}$ | <p>3 842 993 662 / 393 / [D=MT; PS=50; HT=12,5; PE=90]</p> |
| Secuencia de fresado transversal MTS | PS, HT, PE Igual que el fresado transversal MT SN Número de mecanizados $SN_{max} = INT((L - 8 - PE) / SD) + 1$ SD Distancia de mecanizados adyacentes $SD_{min} = (PE - PS) + 10$ | <p>3 842 993 662 / 393 / [D=MTS; PS=50; HT=12,5; PE=90; SN=4; SD=53]</p> |

Mecanizado de perfil estándar





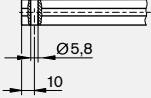
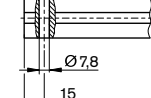
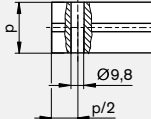

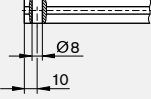
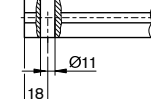
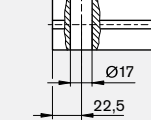

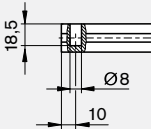
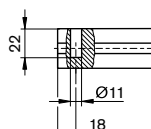
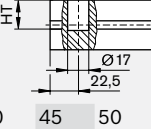

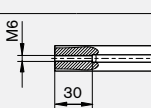
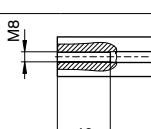
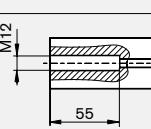
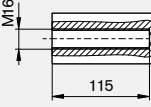
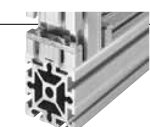
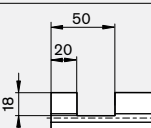
Sintaxis de pedido para taladro pasante, taladro ciego, fresado estándar

Número de material / longitud / denominación de la ranura = mecanizado en el inicio del perfil / mecanizado en el extremo del perfil; ...




Sintaxis de pedido para roscas

Número de material / longitud / Z = Mx en el inicio del perfil / Mx en el extremo del perfil

Mecanizados de perfil estándar

| | | Ranura de 6 mm  | Ranura de 8 mm  | Ranura de 10 mm  | | | | | | | | | | |
|--|---|---|---|--|---|----|----|----|----|----|----|----|----|----|
| taladro pasante para unión angular con tornillo central |  | D5,8  | D7,8  | D9,8  | | | | | | | | | | |
| Taladro pasante para empalmador de pernos y empalmador de apriete rápido |  | D8  | D11  | D17  | | | | | | | | | | |
| Taladro ciego para empalmador a tope y empalmador de apriete rápido en perfiles cerrados |  | DB8  | DB11  | DB17  <table border="1" data-bbox="1118 1123 1371 1178"> <tr> <td>p</td> <td>40</td> <td>45</td> <td>50</td> <td>60</td> </tr> <tr> <td>HT</td> <td>31</td> <td>34</td> <td>36</td> <td>41</td> </tr> </table> | p | 40 | 45 | 50 | 60 | HT | 31 | 34 | 36 | 41 |
| p | 40 | 45 | 50 | 60 | | | | | | | | | | |
| HT | 31 | 34 | 36 | 41 | | | | | | | | | | |
| Rosca en todas las cámaras laterales para accesorios |  | M6  | M8  | M12  M16  | | | | | | | | | | |
| Fresado estándar Para empalmador transversal |  | | | F1  | | | | | | | | | | |

Longitudes mínimas de perfil (mm) con mecanizados de perfil estándar por uno o ambos lados

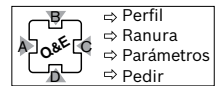
|  | - | M6 | D5,8 | D8/ DB8 |  | - | M8 | D7,8 | D11/ DB11 |  | - | M12 | M16 | D9,8 | D17/ DB17 | F1 |
|--|----|----|------|------------|---|----|----|------|--------------|---|-----|-----|-----|------|--------------|-----|
| - | 50 | 50 | 50 | 50 | - | 50 | 50 | 50 | 50 | - | 50 | 60 | 120 | 50 | 60 | 60 |
| M6 | 50 | 70 | 50 | 70 | M8 | 50 | 80 | 62 | 70 | M12 | 60 | 110 | 180 | 90 | 60 | 110 |
| D5,8 | 50 | 50 | 50 | 50 | D7,8 | 50 | 62 | 60 | 50 | M16 | 120 | 180 | 240 | 150 | 170 | 170 |
| D8/ DB8 | 50 | 50 | 50 | 50 | D11/ DB11 | 50 | 70 | 50 | 60 | D9,8 | 50 | 90 | 150 | 80 | 70 | 90 |
| | | | | | | | | | | D17/ DB17 | 60 | 90 | 170 | 70 | 80 | 90 |
| | | | | | | | | | | F1 | 60 | 110 | 170 | 90 | 90 | 80 |

Indicación: En caso de solapamiento con los valores de la tabla de pedido, será válido el valor mayor.

Mecanizado de perfiles - Quick & Easy

Estructura fundamental del código de pedido

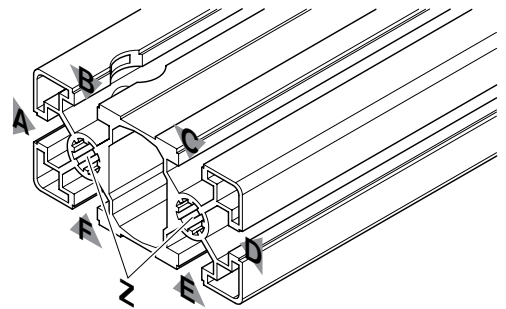
Número de material / longitud / [denominación de la ranura = mecanizado; juego de parámetros]



Ejemplo: Perfil 45x90L con taladro pasante D17 en ranura B

3 842 993 662 / 393 / B = D17/-

| | | |
|--------------------|----------|--|
| Número de material | Longitud | Mecanizado de perfil estándar Taladro pasante D17 en ranura B |
|--------------------|----------|--|



Mecanizados de perfil estándar

- ▶ Taladro pasante D
- ▶ Taladro ciego DB
- ▶ Roscado M
- ▶ Fresado estándar F1

Mecanizado de perfiles individual

- ▶ Taladro DI
- ▶ Secuencia de taladrado DIS
- ▶ Fresado transversal MT
- ▶ Secuencia de fresado transversal MTS
- ▶ Fresado longitudinal MI
- ▶ Secuencia de fresado longitudinal MIS
- ▶ Corte en inglete S1 / S3



En la eShop de Rexroth o en el configurador de perfiles MTpro podrá configurar su perfil de forma especialmente rápida y cómoda



SIDEX

SIDEX

The Drive & Control Company

Rexroth
Bosch Group

Bosch Rexroth AG

Postfach 30 02 07
70442 Stuttgart, Alemania
www.boschrexroth.com

Encontrará a su persona de contacto local en:

www.boschrexroth.com/contact