

MASTER GROOVING

Precision & versatility for grooving operations

palbit 

GROOVING

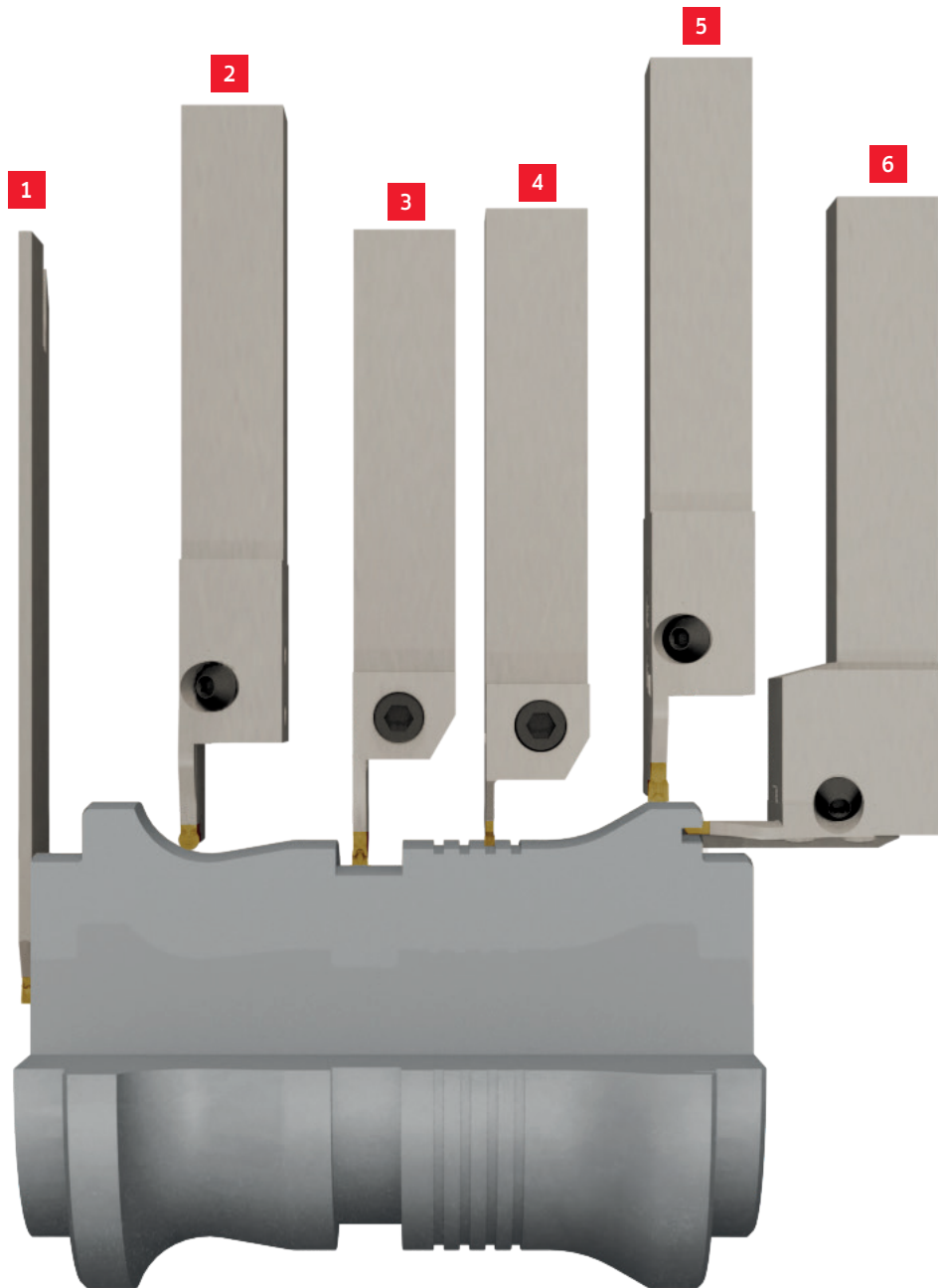


SINCE 1916

MASTER GROOVING

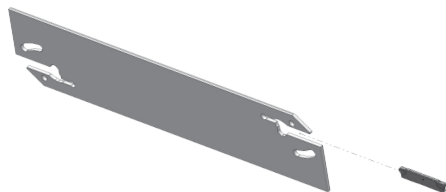
The Master Grooving line is the latest external grooving solution, engineered to ensure exceptional accuracy, stability, and reliability in the most demanding grooving and parting-off operations.

This comprehensive range, including grooving inserts, toolholders, blades, and complementary accessories, is designed to deliver superior chip control, extended tool life, and consistent dimensional precision.



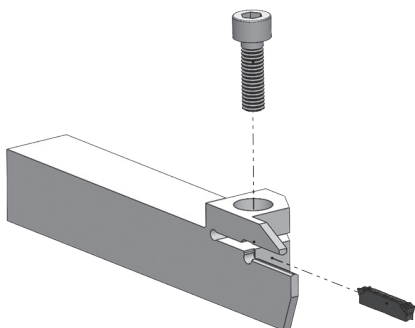
MASTER GROOVING OPERATIONS

Blades



1 Parting Off

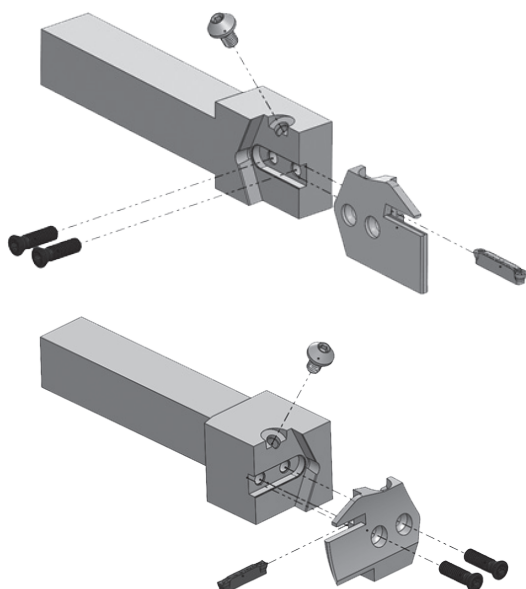
Monoblock System



3 Deep Grooving

4 Light Grooving

Modular System



2 Profilling

5 Groove Turning

6 Face Grooving

Check the QrCode to watch the full video



MASTER GROOVING

Maximize grooving performance with our robust toolholder range, from monoblock designs to modular systems, including PSC setups and face grooving cartridges.

Engineered to support several insert geometries, these holders deliver flexible, high-precision solutions across a wide spectrum of materials and operations.

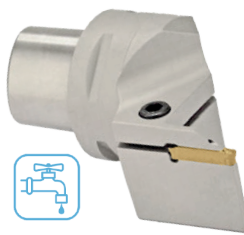


MONOBLOCK SYSTEM

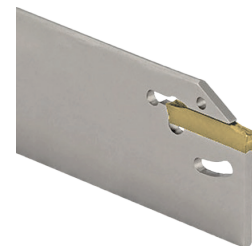
Toolholders



PSC Toolholders



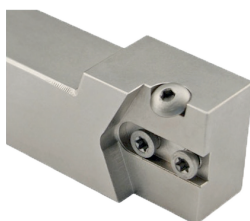
Blades



- **High Rigidity:** One-piece design for maximum stability and accuracy.
- **Compact and Stable Design:** Solid, interface-free design ensures high stability and excellent vibration damping.
- **Quick and Reliable Insert Clamping:** Rigid clamping for precise and quick insert changes.
- **Chip and Thermal Control:** Possibility to select PSC systems with internal coolant, for extended tool life.

MODULAR SYSTEM

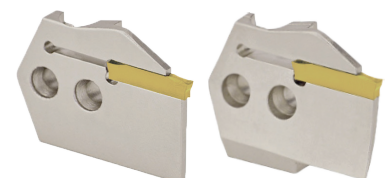
Toolholders



PSC Toolholders



Cartridges

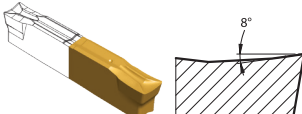
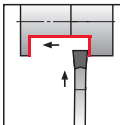
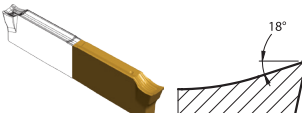
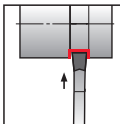
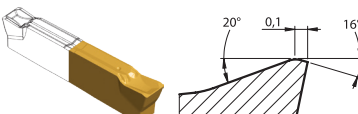
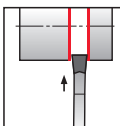
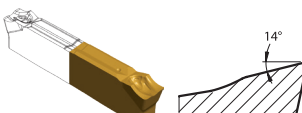
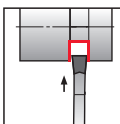
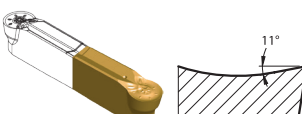
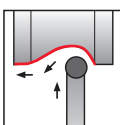


- **Flexible system:** Interchangeable components adapt easily to several machines, inserts, and applications.
- **Reduced Tool Inventory:** A single base holder can be combined with multiple cartridges, minimizing the need for separate tools.
- **Quick Changeover:** Fast and repeatable tool changes reduce machine downtime and improve overall productivity.
- **Long-Term Cost-Efficient :** Modular design reduces overall tooling expenses over time.
- **Compatible with Modern Interfaces:** Available for PSC systems.

Master Grooving inserts deliver high-performance machining through advanced chipbreaker designs and PHL coating.

Engineered for precision and durability, they ensure excellent chip control, reduced cutting forces, and extended tool life across a wide range of grooving operations and materials.

5 CHIPBREAKER GEOMETRIES FOR MAXIMUM EFFICIENCY

Chipbreaker	Specifications		Material	Properties	Main application
	Cutting edges	Insert width (mm)			
-UG 	1	1,5 2,0 3,0 4,0 5,0 6,0	P K M S	Recommended for machining several material types; true universal grooving performance; Designed for both grooving and turning applications; Consistent and efficient chip control.	 Groove Turning
	2	1,5 2,0 3,0 4,0 5,0 6,0			
-LG 	1	1,5 2,0 3,0 4,0 5,0 6,0	P K M S	Sharp cutting geometry for lower cutting forces; Optimized to reduce built-up edge formation, even in low-feed applications; Well-suited for thin-walled components.	 Light Grooving
	2	1,5 2,0 3,0 4,0 5,0 6,0			
-CG 	1	1,5 2,0 3,0 4,0 5,0 6,0	P K	Designed with a negative chamfer for increased edge toughness; Handles interrupted cuts even on materials with high strength; First choice for parting off operations.	 Parting Off
	2	1,5 2,0 3,0 4,0 5,0 6,0			
-MG 	1	1,5 2,0 3,0 4,0 5,0 6,0	M S	Ideal for stainless steel machining; Sharp geometry for smooth cutting; Optimized to reduce built-up edge formation, even in low-feed applications.	 General Grooving
	2	1,5 2,0 3,0 4,0 5,0 6,0			
-PG 	1	1,5 2,0 3,0 4,0 5,0 6,0	P K	Versatile chip breaker adapts to varying depths of cut and feed rates; Round-profile geometry that ensures smooth contouring for accurate profiles; Low cutting forces reduce tool deflection during profiling.	 Profiling
	2	1,5 2,0 3,0 4,0 5,0 6,0			

Choose your chipbreaker:

Chipbreaker	Specifications			
	Grooving		Turning	Parting Off
	External	Face	External	
-UG	●	●	●	○
-LG	●	●		
-CG	○	○		●
-MG	●	●		●
-PG			●	

● Recommended ○ Suitable



MG INSERTS CODE KEY

Chave de codificação para pastilhas MG | Llave de codificación para plaquitas MG

For R or L Insert type

MG	0300	B	020	-	050	R	02	-	MC
1	2	3	4		5	6	7		8

For N Insert type

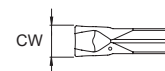
MG	0300	B	020	-	N	02	-	MC
1	2	3	4		6	7		8

1 - Product Line

MG - Grooving Plus

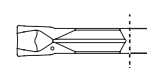
2 - Cutting Width

0200 - 2,00mm | 0300 - 3,00mm | 0400 - 4,00mm | 0500 - 5,00mm | 0600 - 6,00mm



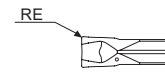
3 - Seat Size

A - MG0200 | B - MG0300 | C - MG0400 | D - MG0500 | E - MG0600



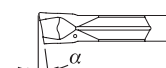
4 - Cutting Radius

020 - 0,20mm | 025 - 0,25mm | 040 - 0,40mm | 600 - 6,00mm

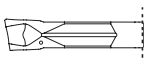
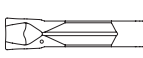
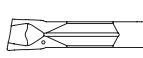


5 - Relief Angle (Suppressed on Neutral inserts)

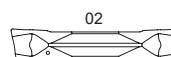
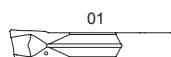
040 - 4° | 060 - 6° | 150 - 15°



6 - Insert Type

R - Right  N - Neutral  L - Left 

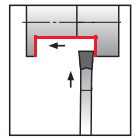
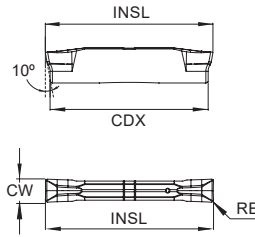
7 - Number of Cutting Edges



8 - Chipbreaker

CG - Cutting Grooving | UG - Universal Grooving | MG - Medium Grooving | LG - Light Grooving | PG - Profiling Grooving

MG...02-UG Multifunctional Grooving



		P			K			M			S			Dimensions Dimensões Dimensiones (mm)					Cutting conditions Condições de corte Condiciones de corte						
		PVD			PVD			PVD			PVD														
		⁽²⁾ Grade code	6F	5C	3B	6F	5C	3B	6F	5C	3B	6F	5C	3B	CW	RE	INSL	CDX	Seat ² Size	AP (mm)	Min	Max	fn (mm/r)	Min	Max
⁽¹⁾ Geometry code	ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930												
1130844	MG0200A020-N02-UG													2,0	0,20	22,0	20,0	A	0,5	0,20	0,80	0,08	0,03	0,12	
1130828	MG0300B030-N02-UG													3,0	0,30	22,0	20,0	B	1,0	0,30	1,70	0,15	0,05	0,25	
1130885	MG0400C020-N02-UG													4,0	0,20	25,0	23,0	C	1,5	0,20	2,70	0,1	0,05	0,15	
1130845	MG0400C040-N02-UG													4,0	0,40	25,0	23,0	C	1,6	0,40	2,70	0,18	0,08	0,28	
1130886	MG0400C080-N02-UG													4,0	0,80	25,0	23,0	C	1,5	0,20	2,70	0,14	0,05	0,22	
1130846	MG0500D040-N02-UG													5,0	0,40	25,0	23,0	D	1,8	0,40	3,10	0,17	0,08	0,25	
1130887	MG0500D080-N02-UG													5,0	0,80	25,0	23,0	D	1,8	0,50	3,10	0,14	0,06	0,22	
1130847	MG0600E040-N02-UG													6,0	0,40	25,0	23,0	E	1,8	0,40	3,20	0,19	0,10	0,28	
1130888	MG0600E080-N02-UG													6,0	0,80	25,0	23,0	E	1,9	0,60	3,20	0,19	0,10	0,28	

⊗ First choice | Primeira opção | 1ª opción

⊗ Stock item | Produto de stock | Itens de stock

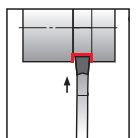
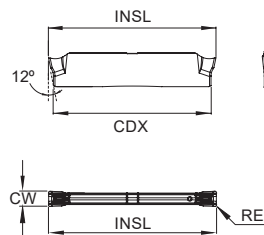
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Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

⊗ Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve

2 - Correspond to a Specific Holder

MG...02-LG Light Grooving



		P			K			M			S			Dimensions Dimensões Dimensiones (mm)						Cutting conditions Condições de corte Condiciones de corte		
		PVD			PVD			PVD			PVD											
		6F	5C	3B	6F	5C	3B	6F	5C	3B	6F	5C	3B									
⁽¹⁾ Geometry code	ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	CW	RE	INSL	PSIRR/L	CDX	Seat ² Size	fn (mm/r)	Min	Max
1130853	MG0200A020-N02-LG													2,0	0,20	22	-	20,0	A	0,07	0,03	0,10
1130921	MG0200A020-150R02-LG													2,0	0,20	22	15,0	20,0	A	0,06	0,03	0,08
1130922	MG0200A020-150L02-LG													2,0	0,20	22	15,0	20,0	A	0,06	0,03	0,08

⊗ First choice | Primeira opção | 1ª opción

⊗ Stock item | Produto de stock | Itens de stock

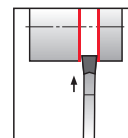
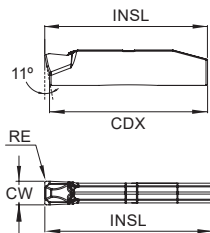
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Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

⊗ Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve

2 - Correspond to a Specific Holder

MG...01-CG Parting Off



(1) Geometry code	(2) Grade code	P			K			Dimensions Dimensões Dimensiones (mm)					Cutting conditions Condições de corte Condiciones de corte		
		PVD			PVD										
		6F	5C	3B	6F	5C	3B								
ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	CW	RE	INSL	PSIRR/L	Seat ² Size	fn (mm/r)	Min	Max	
1130889	MG0200A020-N01-CG							2,0	0,20	22,0	-	A	0,09	0,03	0,14
1130849	MG0300B020-N01-CG							3,0	0,20	22,0	-	B	0,13	0,06	0,20
1130890	MG0300B020-060R01-CG							3,0	0,20	22,0	6,0	B	0,11	0,06	0,16
1130891	MG0300B020-060L01-CG							3,0	0,20	22,0	6,0	B	0,11	0,06	0,16
1130892	MG0400C030-N01-CG							4,0	0,30	25,0	-	C	0,16	0,08	0,24
1130893	MG0400C030-040R01-CG							4,0	0,30	25,0	4,0	C	0,14	0,06	0,22
1130894	MG0400C030-040L01-CG							4,0	0,30	25,0	4,0	C	0,14	0,06	0,22
1130895	MG0500D030-N01-CG							5,0	0,30	25,0	-	D	0,18	0,08	0,28

⊗ First choice | Primeira opção | 1ª opción

⊗ Stock item | Produto de stock | Itens de stock

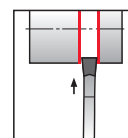
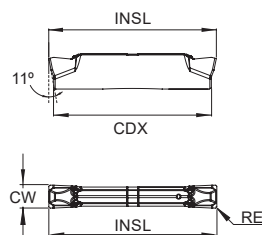
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Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

⊗ Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve

2 - Correspond to a Specific Holder

MG...02-CG Parting Off



		P			K			Dimensions Dimensões Dimensiones (mm)						Cutting conditions Condições de corte Condiciones de corte		
		PVD			PVD											
		6F	5C	3B	6F	5C	3B									
(1) Geometry code	ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	CW	RE	INSL	PSIRR/L	CDX	Seat ² Size	fn (mm/r)	Min	Max
1130850	MG0200A020-N02-CG							2,0	0,20	22,0	-	20,0	A	0,09	0,03	0,14
1130896	MG0200A015-060R02-CG							2,0	0,15	22,0	6,0	20,0	A	0,08	0,04	0,12
1130897	MG0200A015-060L02-CG							2,0	0,15	22,0	6,0	20,0	A	0,08	0,04	0,12
1130898	MG0200A020-150R02-CG							2,0	0,20	22,0	15,0	20,0	A	0,07	0,03	0,10
1130899	MG0200A020-150L02-CG							2,0	0,20	22,0	15,0	20,0	A	0,07	0,03	0,10
1130851	MG0300B020-N02-CG							3,0	0,20	22,0	-	20,0	B	0,13	0,06	0,20
1130900	MG0300B015-060R02-CG							3,0	0,15	22,0	6,0	20,0	B	0,11	0,06	0,16
1130901	MG0300B015-060L02-CG							3,0	0,15	22,0	6,0	20,0	B	0,11	0,06	0,16
1130869	MG0400C020-N02-CG							4,0	0,20	25,0	-	23,0	C	0,16	0,08	0,24
1130902	MG0400C030-N02-CG							4,0	0,30	25,0	-	23,0	C	0,16	0,08	0,24
1130903	MG0400C020-040R02-CG							4,0	0,20	25,0	4,0	23,0	C	0,14	0,06	0,22
1130904	MG0400C020-040L02-CG							4,0	0,20	25,0	4,0	23,0	C	0,14	0,06	0,22
1130852	MG0500D040-N02-CG							5,0	0,40	25,0	-	23,0	D	0,18	0,08	0,28
1130905	MG0600E040-N02-CG							6,0	0,40	25,0	-	23,0	E	0,2	0,10	0,30

⊗ First choice | Primeira opção | 1ª opción

⊗ Stock item | Produto de stock | Itens de stock

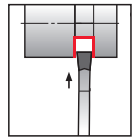
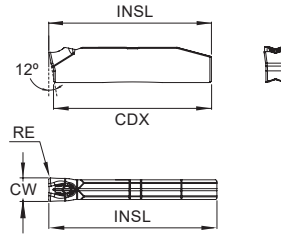
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Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

⊗ Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve

2 - Correspond to a Specific Holder

MG...01-MG Stable Grooving



		M			S			Dimensions Dimensões Dimensiones (mm)					Cutting conditions Condições de corte Condiciones de corte		
		PVD			PVD										
		6F	5C	3B	6F	5C	3B								
(1) Geometry code	ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	CW	RE	INSL	PSIRR/L	Seat ² Size	fn (mm/r)	Min	Max
1130841	MG0300B020-N01-MG							3,0	0,20	22,0	-	B	0,15	0,08	0,22
1130906	MG0300B020-060R01-MG							3,0	0,20	22,0	6,0	B	0,11	0,05	0,16
1130907	MG0300B020-060L01-MG							3,0	0,20	22,0	6,0	B	0,11	0,05	0,16
1130908	MG0400C040-N01-MG							4,0	0,40	25,0	-	C	0,17	0,08	0,25
1130909	MG0400C040-040R01-MG							4,0	0,40	25,0	4,0	C	0,12	0,06	0,18
1130910	MG0400C040-040L01-MG							4,0	0,40	25,0	4,0	C	0,12	0,06	0,18

⊗ First choice | Primeira opção | 1ª opción

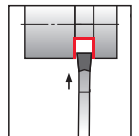
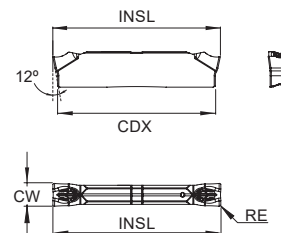
⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta
Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

⊗ Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve
2 - Correspond to a Specific Holder

MG...02-MG Stable Grooving



		M			S			Dimensions Dimensões Dimensiones (mm)						Cutting conditions Condições de corte Condiciones de corte		
		PVD			PVD											
		⁽²⁾ Grade code														
⁽¹⁾ Geometry code	ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	CW	RE	INSL	PSIRR/L	CDX	Seat ² Size	fn (mm/r)	Min	Max
1130911	MG0200A015-N02-MG							2,0	0,15	22,0	-	20,0	A	0,07	0,03	0,10
1130842	MG0300B015-N02-MG							3,0	0,15	22,0	-	20,0	B	0,07	0,03	0,10
1130843	MG0300B030-N02-MG							3,0	0,30	22,0	-	20,0	B	0,15	0,08	0,22
1130912	MG0300B020-060R02-MG							3,0	0,20	22,0	6,0	20,0	B	0,11	0,05	0,16
1130913	MG0300B020-060L02-MG							3,0	0,20	22,0	6,0	20,0	B	0,11	0,05	0,16
1130914	MG0300B018-150R02-MG							3,0	0,18	22,0	15,0	20,0	B	0,08	0,04	0,12
1130915	MG0300B018-150L02-MG							3,0	0,18	22,0	15,0	20,0	B	0,08	0,04	0,12
1130868	MG0400C020-N02-MG							4,0	0,20	25,0	-	23,0	C	0,12	0,06	0,18
1130916	MG0400C040-N02-MG							4,0	0,40	25,0	-	23,0	C	0,17	0,08	0,25

⊗ First choice | Primeira opção | 1ª opción

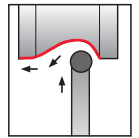
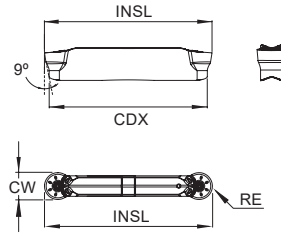
⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta
Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

⊗ Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve
2 - Correspond to a Specific Holder

MG...02-PG Profiling



		P			K			Dimensions Dimensões Dimensiones (mm)					Cutting conditions Condições de corte Condiciones de corte					
		PVD			PVD													
		6F	5C	3B	6F	5C	3B											
⁽¹⁾ Geometry code	ISO/ANSI Reference	PHL910	PHL920	PHL930	PHL910	PHL920	PHL930	CW	RE	INSL	CDX	Seat ² Size	AP (mm)	Min	Max	fn (mm/r)	Min	Max
1130917	MG0200A100-N02-PG	○	○		○	○		2,0	1,00	22,0	20,0	A	0,5	0,20	0,80	0,08	0,03	0,12
1130918	MG0300B150-N02-PG		○	○		○	○	3,0	1,50	22,0	20,0	B	1,0	0,40	1,60	0,1	0,05	0,15
1130848	MG0400C200-N02-PG		⊗	⊗		⊗	⊗	4,0	2,00	25,0	23,0	C	1,3	0,60	2,00	0,13	0,05	0,20
1130919	MG0500D250-N02-PG		○	○		○	○	5,0	2,50	25,0	23,0	D	1,5	0,70	2,20	0,13	0,06	0,20
1130920	MG0600E300-N02-PG		⊗	⊗		⊗	⊗	6,0	3,00	25,0	23,0	E	1,8	0,80	2,80	0,13	0,06	0,20

First choice | Primeira opção | 1ª opción

Stock item | Produto de stock | Itens de stock

Available under request | Disponível sobre consulta
Disponível bajo consulta

Insert order code = (1) Geometry Code + (2) Grade Code

Stock available soon | Produto de stock disponível brevemente | Producto en stock disponible en breve

2 - Correspond to a Specific Holder

RECOMMENDED CUTTING CONDITIONS Condições de corte recomendadas | Condiciones de corte recomendables

ISO	Material	HB (Brinell)	Vc (m/min)		
			← Wear Resistance		Toughness →
			PHL910	PHL920	PHL930
P	Unalloyed steel	125-170	100-265	90-260	75-250
	Low-alloy steel	180-350	80-240	70-230	65-220
	High-alloy steel	200-325	65-225	60-210	60-200
M	SS - Ferritic / Martensitic	200-330	90-165	80-160	70-150
	SS - Austenitic / Duplex	180-330	70-150	70-140	60-130
	SS - Ferritic / Duplex	230-260	55-140	50-130	50-120
K	Marble cast iron	130-230	110-225	105-220	100-210
	Grey cast iron	180-220	105-200	100-200	100-190
	Nodular cast iron	160-380	105-180	100-180	100-160
S	Heat resistant super alloys (Nickel base)	250-320	-	30-70	25-60
	Heat resistant super alloys (Cobalt base)	200-320	-	20-60	20-50
	Heat Resistant Super Alloys	200-320	-	25-65	25-45

TOOLHOLDERS & MODULAR TOOLHOLDERS CODE KEY

Chave de codificação para suportes e suportes modulares | Llave de codificación de portaherramientas y portaherramientas modulares

For Toolholders

MG	L	C	-	100	012	16.16	.A	.1	-	A
1	2	3		4	5	6	7	8		9

For Modular Toolholders

MG	L	C	-	100	16.16	-	A
1	2	3		4	6		9

1 - Product Line

MG - Master Grooving

2 - Work Side



3 - Tool Type

C - Frontal L - Lateral MC - Modular Frontal ML - Modular Lateral M - Modular (for blades)

4 - Total toolholder length (mm)



5 - Maximum Depth of Cut (mm) (Suppressed on modular systems)



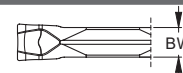
6 - Shaft | Cutting Unit Dimension

Example for 16.16 on the toolholder : B=16mm | H=16mm



7 - Seat Size (Suppressed on modular systems)

A - 1,50mm | B - 2,50mm | C - 3,05mm | D - 4,00mm | E - 5,00mm



8 - Clamping System (Suppressed on modular systems)



9 - Coolant System (Suppressed if does not exist)

A - With coolant system

PSC TOOLHOLDERS & MODULAR PSC TOOLHOLDERS CODE KEY

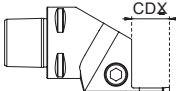
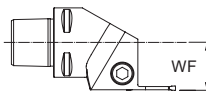
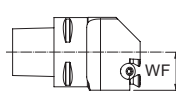
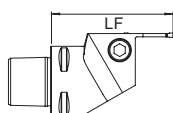
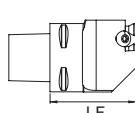
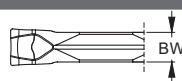
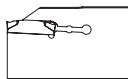
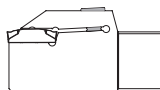
Chave de codificação para suportes PSC e suportes PSC modulares | Llave de codificación de portaherramientas PSC y portaherramientas PSC modulares

For PSC Toolholders

PSC	32	-	MG	L	C	-	015	22	055	A	.1	-	A
1	2		3	4	5		6	7	8	9	10		11

For Modular PSC Toolholders

PSC	32	-	MG	L	ML	18	040	-	A
1	2		3	4	5	7	8		11

1 - Modular System			2 - Size		
PSC - Polygonal Shank Coupling			32 40 50 63		
3 - Product Line					
MG - Master Grooving					
4 - Work Side					
R - Right			N - Neutral		
			L - Left		
5 - Tool Type					
C - Frontal	L - Lateral	MC - Modular Frontal	ML - Modular Lateral	M - Modular (for blades)	
6 - Maximum Depth of Cut (mm)					
					
7 - Functional width (mm)					
					
8 - Functional lenght (mm)					
					
9 - Seat Size (Suppressed on modular systems)					
A - 1,50mm B - 2,50mm C - 3,05mm D - 4,00mm E - 5,00mm					
10 - Clamping System (Suppressed on modular systems)					
0 - Spring			1 - Screw		
11 - Coolant System (Suppressed if does not exist)					
A - With coolant system					

BLADES & MODULAR CARTRIDGES CODE KEY

Chave de codificação para lâminas e cartuchos modulares | Llave de codificación de laminas y cartuchos modulares

For Blades

MG	N	C	-	020	21	.A	.0	-	A
1	2	3		4	5	7	8		9

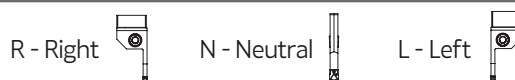
For Modular Cartridges

MG	L	M	-	012	040-055	.A	.1	-	A
1	2	3		4	6	7	8		9

1 - Product Line

MG - Master Grooving

2 - Work Side



4 - Tool Type

C - Frontal

L - Lateral

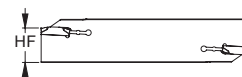
MC - Modular Frontal

ML - Modular Lateral

M - Modular (for blades)

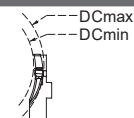
5 - Cutting Unit Dimension (for blades)

21 : HF=21mm



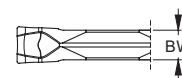
6 - Diameter range (for face grooving cartridges)

040-055 : 44 mm to 55mm



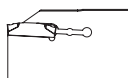
7 - Seat Size

A - 1,50mm | B - 2,50mm | C - 3,05mm | D - 4,00mm | E - 5,00mm

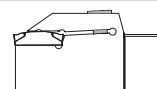


8 - Clamping System

0 - Spring



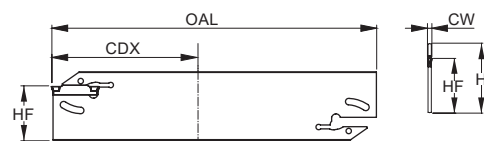
1 - Screw



9 - Coolant System (Suppressed if does not exist)

A - With coolant system

MGNC



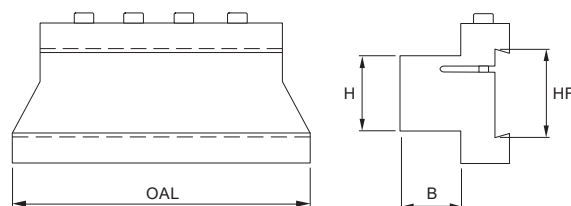
Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)					WT	Seat Size	Insert	Number of inserts	Toolholder		Wrench	Stock
		CDX	OAL	H	HF	CW					CPTS	DPTS		
183043900	MGNC-038 21.A.0	38	110	26	21,4	2	0,060	A	MG.. 02	1	CPTS 26...	DPTS 26...	290079600	⊗
183044100	MGNC-062 25.A.0	62	150	32	25,0	2	0,090	A	MG.. 02	2	CPTS 32...	DPTS 32...	290079600	⊗
183044000	MGNC-038 21.B.0	38	110	26	21,4	3	0,070	B	MG.. 03	1	CPTS 26...	DPTS 26...	290079600	⊗
183044200	MGNC-062 25.B.0	62	150	32	25,0	3	0,100	B	MG.. 03	2	CPTS 32...	DPTS 32...	290079600	⊗
183044300	MGNC-062 25.C.0	62	150	32	25,0	4	0,125	C	MG.. 04	2	CPTS 32...	DPTS 32...	290079600	⊗

⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

Note: For inserts with 2 cutting edges, the CDX is defined by the insert

CPTS

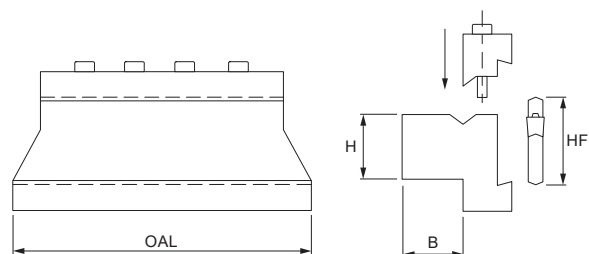


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Screw	Wrench	Stock
		HF	OAL	H	B				
290008200	CPTS 2616	26	76	16	16	0,450	290020700	290021300	⊗
290006000	CPTS 2620	26	87	20	20	0,500	290020700	290021300	⊗
290006100	CPTS 2625	26	87	25	25	0,650	290020700	290021300	⊗
290006200	CPTS 3220	32	100	20	20	0,700	290020700	290021300	⊗
290005000	CPTS 3225	32	110	25	25	0,950	290020700	290021300	⊗
290006300	CPTS 3232	32	120	32	32	1,400	290020700	290021300	⊗

⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

DPTS

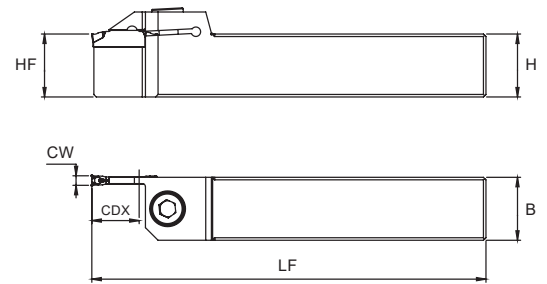


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Screw	Wrench	Stock
		HF	OAL	H	B				
290045500	DPTS 2620	26	87	20	20	0,550	290020700	290021300	⊗
290046600	DPTS 2625	26	87	25	25	0,700	290020700	290021300	⊗
290073600	DPTS 3220	32	100	20	20	0,750	290020700	290021300	⊗
290073700	DPTS 3225	32	110	25	25	1,000	290020700	290021300	⊗
290073800	DPTS 3232	32	120	32	32	1,450	290020700	290021300	⊗

⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

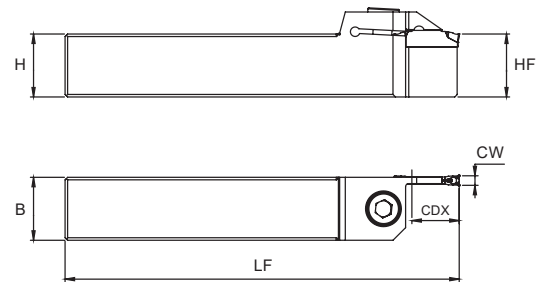
MGLC



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)						WT	Seat Size	Insert	Screw	Wrench	Nm	Stock
		CDX	LF	B	H	HF	CW							
183041100	MGLC-100 012 16.16.A.1	12	100	16	16	16	2	0,180	A	MG .. 02	290098600	290021300	2,0	⊗
183041700	MGLC-125 012 20.20.A.1	12	125	20	20	20	2	0,370	A	MG .. 02	290087400	290021300	2,0	⊗
183041300	MGLC-100 012 16.16.B.1	12	100	16	16	16	3	0,180	B	MG .. 03	290098600	290021300	2,0	⊗
183041500	MGLC-100 020 16.16.B.1	20	100	16	16	16	3	0,170	B	MG .. 03	290098600	290021300	2,0	○
183041900	MGLC-125 012 20.20.B.1	12	125	20	20	20	3	0,370	B	MG .. 03	290087400	290021300	2,0	○
183042100	MGLC-125 020 20.20.B.1	20	125	20	20	20	3	0,350	B	MG .. 03	290087400	290021300	2,0	⊗
183042600	MGLC-150 012 25.25.B.1	12	150	25	25	25	3	0,680	B	MG .. 03	290087400	290021300	2,0	⊗
183042800	MGLC-150 020 25.25.B.1	20	150	25	25	25	3	0,650	B	MG .. 03	290087400	290021300	2,0	⊗
183042200	MGLC-125 012 20.20.C.1	12	125	20	20	20	4	0,370	C	MG .. 04	290087400	290021300	3,0	○
183042400	MGLC-125 020 20.20.C.1	20	125	20	20	20	4	0,350	C	MG .. 04	290087400	290021300	3,0	○
183042900	MGLC-150 012 25.25.C.1	12	150	25	25	25	4	0,680	C	MG .. 04	290087400	290021300	3,0	⊗
183043100	MGLC-150 020 25.25.C.1	20	150	25	25	25	4	0,650	C	MG .. 04	290087400	290021300	3,0	⊗
183043300	MGLC-150 012 25.25.D.1	12	150	25	25	25	5	0,680	D	MG .. 05	290087400	290021300	3,0	⊗
183043500	MGLC-150 022 25.25.D.1	22	150	25	25	25	5	0,650	D	MG .. 05	290087400	290021300	3,0	⊗
183043700	MGLC-150 022 25.25.E.1	22	150	25	25	25	6	0,650	E	MG .. 06	290087400	290021300	4,0	○

⊗ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

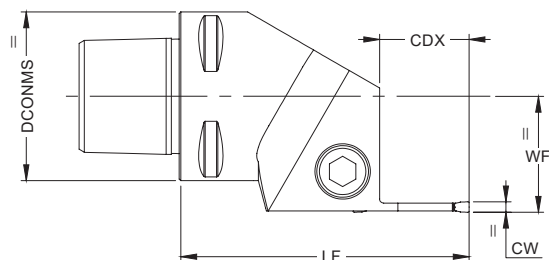
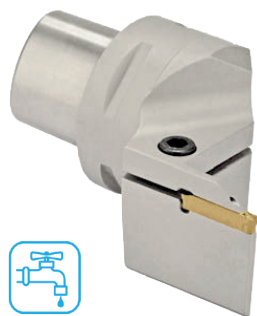
MGRC



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)						WT	Seat Size	Insert	Screw	Wrench	Nm	Stock
		CDX	LF	B	H	HF	CW							
183041200	MGRC-100 012 16.16.A.1	12	100	16	16	16	2	0,180	A	MG .. 02	290098600	290021300	2,0	○
183041800	MGRC-125 012 20.20.A.1	12	125	20	20	20	2	0,370	A	MG .. 02	290087400	290021300	2,0	⊗
183041400	MGRC-100 012 16.16.B.1	12	100	16	16	16	3	0,180	B	MG .. 03	290098600	290021300	2,0	○
183041600	MGRC-100 020 16.16.B.1	20	100	16	16	16	3	0,170	B	MG .. 03	290098600	290021300	2,0	⊗
183042000	MGRC-125 012 20.20.B.1	12	125	20	20	20	3	0,370	B	MG .. 03	290087400	290021300	2,0	⊗
183040800	MGRC-125 020 20.20.B.1	20	125	20	20	20	3	0,350	B	MG .. 03	290087400	290021300	2,0	⊗
183042700	MGRC-150 012 25.25.B.1	12	150	25	25	25	3	0,680	B	MG .. 03	290087400	290021300	2,0	⊗
183040900	MGRC-150 020 25.25.B.1	20	150	25	25	25	3	0,650	B	MG .. 03	290087400	290021300	2,0	⊗
183042300	MGRC-125 012 20.20.C.1	12	125	20	20	20	4	0,370	C	MG .. 04	290087400	290021300	3,0	⊗
183042500	MGRC-125 020 20.20.C.1	20	125	20	20	20	4	0,350	C	MG .. 04	290087400	290021300	3,0	⊗
183043000	MGRC-150 012 25.25.C.1	12	150	25	25	25	4	0,680	C	MG .. 04	290087400	290021300	3,0	⊗
183043200	MGRC-150 020 25.25.C.1	20	150	25	25	25	4	0,650	C	MG .. 04	290087400	290021300	3,0	⊗
183043400	MGRC-150 012 25.25.D.1	12	150	25	25	25	5	0,680	D	MG .. 05	290087400	290021300	3,0	⊗
183043600	MGRC-150 022 25.25.D.1	22	150	25	25	25	5	0,650	D	MG .. 05	290087400	290021300	3,0	⊗
183043800	MGRC-150 022 25.25.E.1	22	150	25	25	25	6	0,650	E	MG .. 06	290087400	290021300	4,0	⊗

⊗ Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

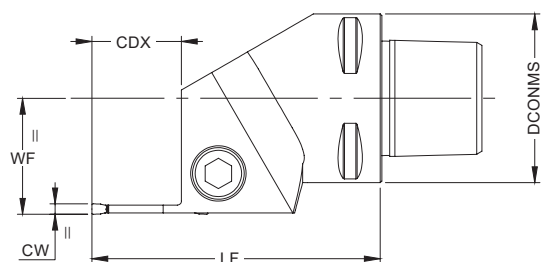
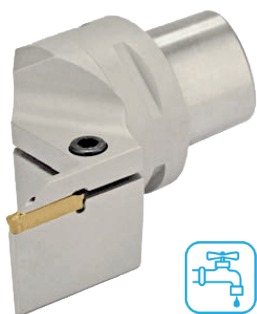
PSC L



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)					WT	Seat Size	Insert	Screw	Wrench	Nm	Stock
		DCONMS	WF	LF	CDX	CW							
183052000	PSC32-MGLC 015 22055 A.1-A	32	22	55	15	2	0,250	A	MG.. 02	290062800	290021300	2,0	○
183052200	PSC40-MGLC 015 27055 A.1-A	40	27	55	15	2	0,430	A	MG.. 02	290087500	290021300	2,0	○
183052400	PSC50-MGLC 015 35060 A.1-A	50	35	60	15	2	0,800	A	MG.. 02	290087500	290021300	2,0	○
183052600	PSC32-MGLC 020 22055 B.1-A	32	22	55	20	3	0,250	B	MG.. 03	290062800	290021300	2,0	○
183052800	PSC40-MGLC 020 27060 B.1-A	40	27	60	20	3	0,480	B	MG.. 03	290087500	290021300	2,0	○
183053000	PSC50-MGLC 020 35060 B.1-A	50	35	60	20	3	0,800	B	MG.. 03	290087500	290021300	2,0	○
183053200	PSC63-MGLC 020 45065 B.1-A	63	45	65	20	3	1,100	B	MG.. 03	290087500	290021300	2,0	○
183053400	PSC32-MGLC 020 22060 C.1-A	32	22	60	20	4	0,260	C	MG.. 04	290062800	290021300	3,0	○
183053600	PSC40-MGLC 025 27067 C.1-A	40	27	67	25	4	0,440	C	MG.. 04	290087500	290021300	3,0	○
183053800	PSC50-MGLC 025 35067 C.1-A	50	35	67	25	4	0,800	C	MG.. 04	290087500	290021300	3,0	○
183054000	PSC63-MGLC 025 45070 C.1-A	63	45	70	25	4	1,350	C	MG.. 04	290087500	290021300	3,0	○
183054200	PSC40-MGLC 025 27067 D.1-A	40	27	67	25	5	0,440	D	MG.. 05	290087500	290021300	3,0	○
183054400	PSC50-MGLC 025 35067 D.1-A	50	35	67	25	5	0,800	D	MG.. 05	290087500	290021300	3,0	○
183054600	PSC63-MGLC 025 45070 D.1-A	63	45	70	25	5	1,350	D	MG.. 05	290087500	290021300	3,0	○
183054800	PSC40-MGLC 025 27070 E.1-A	40	27	70	25	6	0,440	E	MG.. 06	290087500	290021300	4,0	○
183055000	PSC50-MGLC 025 35070 E.1-A	50	35	70	25	6	0,780	E	MG.. 06	290087500	290021300	4,0	○
183055200	PSC63-MGLC 025 45075 E.1-A	63	45	75	25	6	1,430	E	MG.. 06	290087500	290021300	4,0	○

Stock item | Produto de stock | Itens de stock
 Available under request | Disponível sobre consulta | Disponible bajo consulta

PSC R

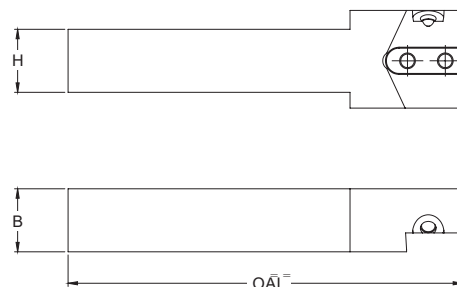
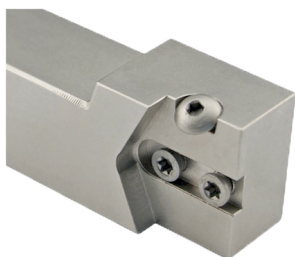


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)					WT	Seat Size	Insert	Screw	Wrench	Nm	Stock
		DCONMS	WF	LF	CDX	CW							
183052100	PSC32-MGRC 015 22055 A.1-A	32	22	55	15	2	0,250	A	MG.. 02	290062800	290021300	2,0	○
183052300	PSC40-MGRC 015 27055 A.1-A	40	27	55	15	2	0,430	A	MG.. 02	290087500	290021300	2,0	○
183052500	PSC50-MGRC 015 35060 A.1-A	50	35	60	15	2	0,800	A	MG.. 02	290087500	290021300	2,0	○
183052700	PSC32-MGRC 020 22055 B.1-A	32	22	55	20	3	0,250	B	MG.. 03	290062800	290021300	2,0	○
183052900	PSC40-MGRC 020 27060 B.1-A	40	27	60	20	3	0,480	B	MG.. 03	290087500	290021300	2,0	○
183053100	PSC50-MGRC 020 35060 B.1-A	50	35	60	20	3	0,800	B	MG.. 03	290087500	290021300	2,0	○
183053300	PSC63-MGRC 020 45065 B.1-A	63	45	65	20	3	1,100	B	MG.. 03	290087500	290021300	2,0	○
183053500	PSC32-MGRC 020 22060 C.1-A	32	22	60	20	4	0,260	C	MG.. 04	290062800	290021300	3,0	○
183053700	PSC40-MGRC 025 27067 C.1-A	40	27	67	25	4	0,440	C	MG.. 04	290087500	290021300	3,0	○
183053900	PSC50-MGRC 025 35067 C.1-A	50	35	67	25	4	0,800	C	MG.. 04	290087500	290021300	3,0	○
183054100	PSC63-MGRC 025 45070 C.1-A	63	45	70	25	4	1,350	C	MG.. 04	290087500	290021300	3,0	○
183054300	PSC40-MGRC 025 27067 D.1-A	40	27	67	25	5	0,440	D	MG.. 05	290087500	290021300	3,0	○
183054500	PSC50-MGRC 025 35067 D.1-A	50	35	67	25	5	0,800	D	MG.. 05	290087500	290021300	3,0	○
183054700	PSC63-MGRC 025 45070 D.1-A	63	45	70	25	5	1,350	D	MG.. 05	290087500	290021300	3,0	○
183054900	PSC40-MGRC 025 27070 E.1-A	40	27	70	25	6	0,440	E	MG.. 06	290087500	290021300	4,0	○
183055100	PSC50-MGRC 025 35070 E.1-A	50	35	70	25	6	0,780	E	MG.. 06	290087500	290021300	4,0	○
183055300	PSC63-MGRC 025 45075 E.1-A	63	45	75	25	6	1,430	E	MG.. 06	290087500	290021300	4,0	○

Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

MGLMC

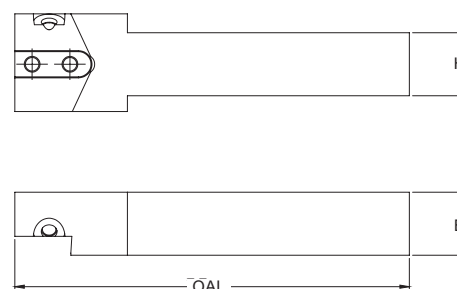
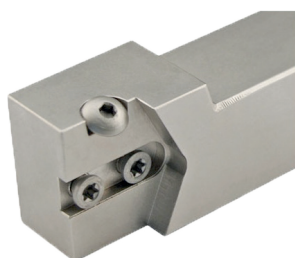


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench	Nm	Torx Screw	Torx Wrench	Nm	Stock
		H	B	OAL	CW								
183044400	MGLMC-125 20.20	20	20	125	2-6	0,310	290029900	290038400	7,0	290078500	290013200	3,0	⊗
183044600	MGLMC-150 25.25	25	25	150	2-6	0,610	290029900	290038400	7,0	290029900	290013200	3,0	⊗
183044800	MGLMC-170 32.32	32	32	170	2-6	1,300	290029900	290038400	7,0	290029900	290013200	3,0	⊗

⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

MGRMC

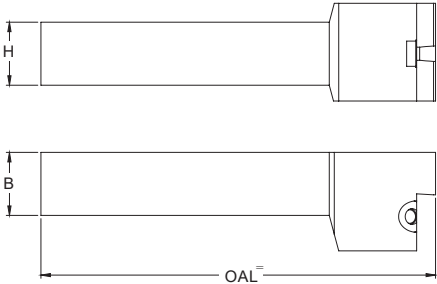
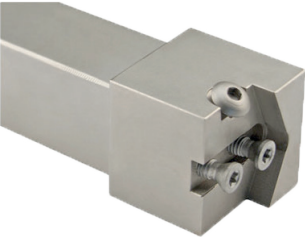


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench	Nm	Torx Screw	Torx Wrench	Nm	Stock
		H	B	OAL	CW								
183044500	MGRMC-125 20.20	20	20	125	2-6	0,310	290029900	290038400	7,0	290029900	290013200	3,0	⊗
183044700	MGRMC-150 25.25	25	25	150	2-6	0,610	290029900	290038400	7,0	290029900	290013200	3,0	⊗
183044900	MGRMC-170 32.32	32	32	170	2-6	1,300	290029900	290038400	7,0	290029900	290013200	3,0	⊗

⊗ Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

MGLML

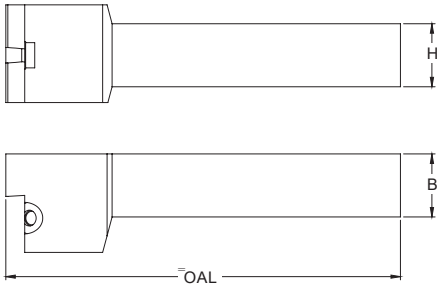
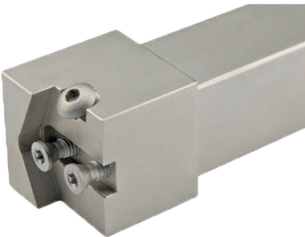


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench		Torx Screw	Torx Wrench		Stock
		H	B	OAL	CW								
183045000	MGLML-125 20.20	20	20	125	2-6	0,450	290029900	290038400	7,0	290029900	290013200	3,0	
183045200	MGLML-150 25.25	25	25	150	2-6	0,780	290029900	290038400	7,0	290029900	290013200	3,0	
183045400	MGLML-170 32.32	32	32	170	2-6	1,400	290029900	290038400	7,0	290029900	290013200	3,0	

 Stock item | Produto de stock | Itens de stock

 Available under request | Disponível sobre consulta | Disponible bajo consulta

MGRML

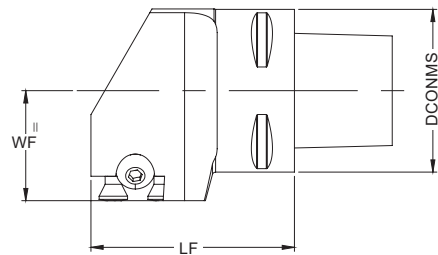


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench		Torx Screw	Torx Wrench		Stock
		H	B	OAL	CW								
183045100	MGRML-125 20.20	20	20	125	2-6	0,450	290029900	290038400	7,0	290029900	290013200	3,0	
183045300	MGRML-150 25.25	25	25	150	2-6	0,780	290029900	290038400	7,0	290029900	290013200	3,0	
183045500	MGRML-170 32.32	32	32	170	2-6	1,400	290029900	290038400	7,0	290029900	290013200	3,0	

 Stock item | Produto de stock | Itens de stock

 Available under request | Disponível sobre consulta | Disponible bajo consulta

PSC-MGLMC

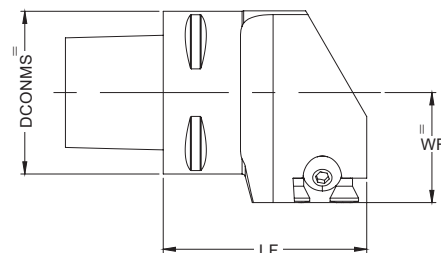


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench	Nm	Torx Screw	Torx Wrench	Nm	Stock
		DCONMS	WF	LF	CW								
183056200	PSC32-MGLMC 22042	32	22	42	2-6	0,280	290029900	290038400	7,00	290078500	290013200	2,0	○
183056400	PSC40-MGLMC 27050	40	27	50	2-6	0,490	290029900	290038400	7,00	290078500	290013200	2,0	○
183056600	PSC50-MGLMC 30050	50	30	50	2-6	0,740	290029900	290038400	7,00	290078500	290013200	2,0	○
183056800	PSC63-MGLMC 45055	63	45	55	2-6	1,240	290029900	290038400	7,00	290078500	290013200	2,0	○

Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

PSC-MGRMC

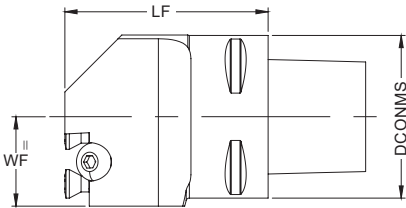


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench	Nm	Torx Screw	Torx Wrench	Nm	Stock
		DCONMS	WF	LF	CW								
183056300	PSC32-MGRMC 22042	32	22	42	2-6	0,280	290029900	290038400	7,00	290078500	290013200	2,0	○
183056500	PSC40-MGRMC 27050	40	27	50	2-6	0,490	290029900	290038400	7,00	290078500	290013200	2,0	○
183056700	PSC50-MGRMC 30050	50	30	50	2-6	0,740	290029900	290038400	7,00	290078500	290013200	2,0	○
183056900	PSC63-MGRMC 45055	63	45	55	2-6	1,240	290029900	290038400	7,00	290078500	290013200	2,0	○

Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

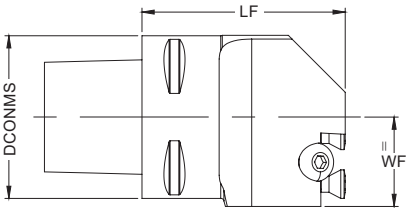
PSC-MGLML



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench		Torx Screw	Torx Wrench		Stock
		DCONMS	WF	LF	CW								
183055400	PSC32-MGLML 18040	32	18	40	2-6	0,250	290029900	290038400	7,00	290078500	290013200	2,0	
183055600	PSC40-MGLML 22050	40	22	50	2-6	0,470	290029900	290038400	7,00	290078500	290013200	2,0	
183055800	PSC50-MGLML 27060	50	27	60	2-6	0,860	290029900	290038400	7,00	290078500	290013200	2,0	
183056000	PSC63-MGLML 34065	63	34	65	2-6	1,440	290029900	290038400	7,00	290078500	290013200	2,0	

 Stock item | Produto de stock | Itens de stock  Available under request | Disponível sobre consulta | Disponible bajo consulta

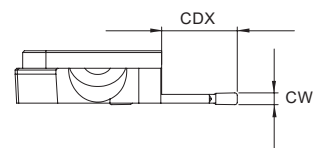
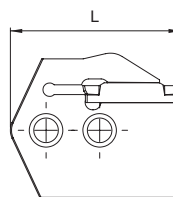
PSC-MGRML



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)				WT	Allen Screw	Allen Wrench		Torx Screw	Torx Wrench		Stock
		DCONMS	WF	LF	CW								
183055500	PSC32-MGRML 18040	32	18	40	2-6	0,250	290029900	290038400	7,00	290078500	290013200	2,0	
183055700	PSC40-MGRML 22050	40	22	50	2-6	0,470	290029900	290038400	7,00	290078500	290013200	2,0	
183055900	PSC50-MGRML 27060	50	27	60	2-6	0,860	290029900	290038400	7,00	290078500	290013200	2,0	
183056100	PSC63-MGRML 34065	63	34	65	2-6	1,440	290029900	290038400	7,00	290078500	290013200	2,0	

 Stock item | Produto de stock | Itens de stock  Available under request | Disponível sobre consulta | Disponible bajo consulta

MGLM

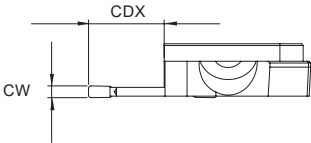
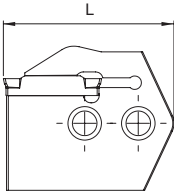


Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)			WT	Seat Size	Insert	Stock
		CDX	L	CW				
183045600	MGLM 012 A.1	12	38	2	0,04	A	MG.. 02	○
183045800	MGLM 020 A.1	20	46	2	0,04	A	MG.. 02	○
183046000	MGLM 012 B.1	12	38	3	0,04	B	MG.. 03	○
183046200	MGLM 020 B.1	20	46	3	0,04	B	MG.. 03	○
183046400	MGLM 012 C.1	12	38	4	0,04	C	MG.. 04	○
183046600	MGLM 020 C.1	20	46	4	0,04	C	MG.. 04	○
183046800	MGLM 012 D.1	12	38	5	0,04	D	MG.. 05	○
183047000	MGLM 022 D.1	22	48	5	0,04	D	MG.. 05	○
183047200	MGLM 012 E.1	12	38	6	0,04	E	MG.. 06	○
183047400	MGLM 022 E.1	22	48	6	0,04	E	MG.. 06	○

📦 Stock item | Produto de stock | Itens de stock

○ Available under request | Disponível sobre consulta | Disponible bajo consulta

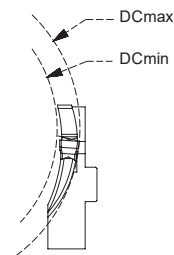
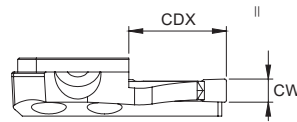
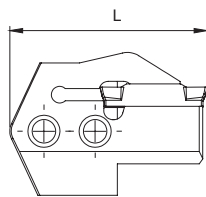
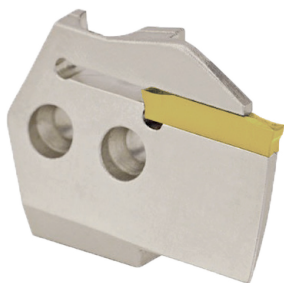
MGRM



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)			WT	Seat Size	Insert	Stock
		CDX	L	CW				
183045700	MGRM 012 A.1	12	38	2	0,04	A	MG.. 02	○
183045900	MGRM 020 A.1	20	46	2	0,04	A	MG.. 02	○
183046100	MGRM 012 B.1	12	38	3	0,04	B	MG.. 03	○
183046300	MGRM 020 B.1	20	46	3	0,04	B	MG.. 03	○
183046500	MGRM 012 C.1	12	38	4	0,04	C	MG.. 04	○
183046700	MGRM 020 C.1	20	46	4	0,04	C	MG.. 04	○
183046900	MGRM 012 D.1	12	38	5	0,04	D	MG.. 05	○
183047100	MGRM 022 D.1	22	48	5	0,04	D	MG.. 05	○
183047300	MGRM 012 E.1	12	38	6	0,04	E	MG.. 06	○
183047500	MGRM 022 E.1	22	48	6	0,04	E	MG.. 06	○

📦 Stock item | Produto de stock | Itens de stock ○ Available under request | Disponível sobre consulta | Disponible bajo consulta

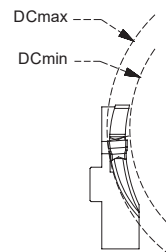
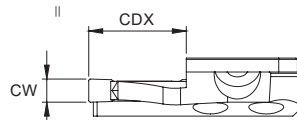
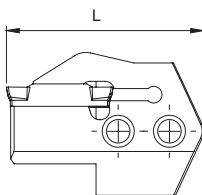
MGLM Face Grooving



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)			WT	Seat Size	Diameter Range (mm)	Insert	Stock
		CDX	L	CW					
183047600	MGLM 012 040-055 B.1	12	38	3	0,040	B	40-55	MG.. 03	○
183047800	MGLM 015 055-070 B.1	15	41	3	0,040	B	55-70	MG.. 03	○
183048000	MGLM 018 070-098 B.1	18	44	3	0,040	B	70-98	MG.. 03	○
183048200	MGLM 018 090-140 B.1	18	44	3	0,040	B	90-140	MG.. 03	○
183048400	MGLM 018 130-300 B.1	18	44	3	0,040	B	130-300	MG.. 03	○
183048600	MGLM 018 300-999 B.1	18	44	3	0,040	B	300-999	MG.. 03	○
183048800	MGLM 018 040-055 C.1	18	44	4	0,040	C	40-55	MG.. 04	○
183049000	MGLM 018 055-070 C.1	18	44	4	0,040	C	55-70	MG.. 04	○
183049200	MGLM 018 070-098 C.1	18	44	4	0,040	C	70-98	MG.. 04	○
183049400	MGLM 018 090-140 C.1	18	44	4	0,040	C	90-140	MG.. 04	○
183049600	MGLM 018 130-300 C.1	18	44	4	0,040	C	130-300	MG.. 04	○
183049800	MGLM 018 300-999 C.1	18	44	4	0,040	C	300-999	MG.. 04	○
183050000	MGLM 020 050-070 D.1	20	46	5	0,040	D	50-70	MG.. 05	○
183050200	MGLM 020 070-098 D.1	20	46	5	0,040	D	70-98	MG.. 05	○
183050400	MGLM 020 090-140 D.1	20	46	5	0,040	D	90-140	MG.. 05	○
183050600	MGLM 020 130-300 D.1	20	46	5	0,040	D	130-300	MG.. 05	○
183050800	MGLM 020 300-999 D.1	20	46	5	0,040	D	300-999	MG.. 05	○
183051000	MGLM 020 050-070 E.1	20	46	6	0,040	E	50-70	MG.. 06	○
183051200	MGLM 020 070-098 E.1	20	46	6	0,040	E	70-98	MG.. 06	○
183051400	MGLM 020 090-140 E.1	20	46	6	0,040	E	90-140	MG.. 06	○
183051600	MGLM 020 130-300 E.1	20	46	6	0,040	E	130-300	MG.. 06	○
183051800	MGLM 020 300-999 E.1	20	46	6	0,040	E	300-999	MG.. 06	○

Stock item | Produto de stock | Itens de stock
 Available under request | Disponível sobre consulta | Disponible bajo consulta

MGRM Face Grooving



Order code Código	Reference Referência Referencia	Dimensions Dimensões Dimensiones (mm)			WT	Seat Size	Diameter Range (mm)	Insert	Stock
		CDX	L	CW					
183047700	MGRM 012 040-055 B.1	12	38	3	0,040	B	40-55	MG.. 03	○
183047900	MGRM 015 055-070 B.1	15	41	3	0,040	B	55-70	MG.. 03	○
183048100	MGRM 018 070-098 B.1	18	44	3	0,040	B	70-98	MG.. 03	○
183048300	MGRM 018 090-140 B.1	18	44	3	0,040	B	90-140	MG.. 03	○
183048500	MGRM 018 130-300 B.1	18	44	3	0,040	B	130-300	MG.. 03	○
183048700	MGRM 018 300-999 B.1	18	44	3	0,040	B	300-999	MG.. 03	○
183048900	MGRM 018 040-055 C.1	18	44	4	0,040	C	40-55	MG.. 04	○
183049100	MGRM 018 055-070 C.1	18	44	4	0,040	C	55-70	MG.. 04	○
183049300	MGRM 018 070-098 C.1	18	44	4	0,040	C	70-98	MG.. 04	○
183049500	MGRM 018 090-140 C.1	18	44	4	0,040	C	90-140	MG.. 04	○
183049700	MGRM 018 130-300 C.1	18	44	4	0,040	C	130-300	MG.. 04	○
183049900	MGRM 018 300-999 C.1	18	44	4	0,040	C	300-999	MG.. 04	○
183050100	MGRM 020 050-070 D.1	20	46	5	0,040	D	50-70	MG.. 05	○
183050300	MGRM 020 070-098 D.1	20	46	5	0,040	D	70-98	MG.. 05	○
183050500	MGRM 020 090-140 D.1	20	46	5	0,040	D	90-140	MG.. 05	○
183050700	MGRM 020 130-300 D.1	20	46	5	0,040	D	130-300	MG.. 05	○
183050900	MGRM 020 300-999 D.1	20	46	5	0,040	D	300-999	MG.. 05	○
183051100	MGRM 020 050-070 E.1	20	46	6	0,040	E	50-70	MG.. 06	○
183051300	MGRM 020 070-098 E.1	20	46	6	0,040	E	70-98	MG.. 06	○
183051500	MGRM 020 090-140 E.1	20	46	6	0,040	E	90-140	MG.. 06	○
183051700	MGRM 020 130-300 E.1	20	46	6	0,040	E	130-300	MG.. 06	○
183051900	MGRM 020 300-999 E.1	20	46	6	0,040	E	300-999	MG.. 06	○

Stock item | Produto de stock | Itens de stock
 Available under request | Disponível sobre consulta | Disponible bajo consulta

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