

ER-zwevende houders

Bij gebruik van ruimers op draaibanken is het soms belangrijk om de asafwijking te compenseren tussen de houder en het werkstuk.

Deze asafwijking kan gecompenseerd worden door zelfcentrerende zwevende houders.

PH/PHC/PHC-C/MPH

Features and benefits

Adjustable floating resistance

Continuously adjustable between auto-centering and free-floating. No restriction of the floating movement.

Adjustment for tool weight

Optimal setup by adjustment of floating resistance is possible.

Vertical and horizontal application

Adjustable self-centering keeps the tool at the center of the floating chuck, even in the horizontal position. Prevents chatter marks and extends tool life.

Combined ball- and friction-bearing

Combined ball and friction-bearing for easy floating:

- // Ball bearing for smooth reaming at low load applications
- // Friction-bearing to withstand high pressures at high load applications

Double sealing against dirt

Prevents coolant and chips from entering the floating chuck.

Excellent bore quality

Only parallel floatation of tool possible.

Floating chuck PH/ER

Features REGO-FIX floating chucks are excellent tools for reaming and tapping:

- // They are specially designed so the tool is self-centering in a vertical and horizontal position
- // The self-centering feature allows very precise positioning of the reaming or tapping tool. This is especially important in horizontal applications, where on ordinary floating chucks the weight of the tool tends to dislocate the tool from the rotational axis
- // The float is always parallel to the rotational axis and the rotation is both clockwise and counter clockwise

Floating chuck PHC/ER for coolant through tools

Features Floating chucks PHC/ER for coolant through tools are especially designed for internal cooling and have the same advantages as the PH/ER floating chucks.

Floating chuck PHC-C/ER REGO-FIX CAPTO

Features These REGO-FIX CAPTO floating chucks are manufactured with polygon interface – licensed by Sandvik Coromant.

Floating chuck MPH/ERMX for tight spaces

Application REGO-FIX MPH/ERMX floating chucks are an efficient solution for tight space applications.

MPHC/ERMXC for tight spaces with internal cooling

Application The MPHC floating chuck is the mini version with internal cooling, common with modern reaming applications.

PH floating chucks for non coolant through tools

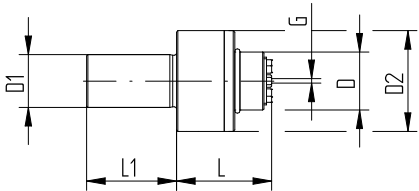
PH

Type	Part no.	Dimensions [mm]					Accessory	
		D	D1 h6	D2	L	L1	G	Wrench
PH 5/8 [inch]								
PH 5/8" / ER 11	2616.91102	22	15.88	38	36	34	0.8	E 11 AX
PH 16 [mm]								
PH 16/ER 11	2616.91100	22	16	38	36	34	0.8	E 11 AX
PH 3/4 [inch]								
PH 3/4" / ER 11	2619.91102	22	19.05	38	36	34	0.8	E 11 AX
PH 20 [mm]								
PH 20/ER 11	2620.91100	22	20	38	36	34	0.8	E 11 AX
PH 22 [mm]								
PH 22/ER 11	2622.91100	22	22	38	36	34	0.8	E 11 AX

Included in delivery: Floating holder comes with Hi-Q®/ER clamping nut and wrench



Text



PH/ER

PHC floating chucks for coolant through tools

PHC

Type	Part no.	Dimensions [mm]					Accessory	
		D	D1 h6	D2	L	L1	G	Wrench
PHC 5/8 [inch]								
PHC 5/8" /ER 20	2616.92004	33	15.88	56	53.5	38	1	E 20 AX
PHC 16								
PHC 16/ER 20	2616.92003	33	16	56	53.5	38	1	E 20 AX
PHC 3/4 [inch]								
PHC 3/4" /ER 20	2619.92004	33	19.05	56	53.5	38	1	E 20 AX
PHC 3/4" /ER 32	2619.93204	46	19.05	70	64.5	46	1.5	E 32 AX
PHC 20 [mm]								
PHC 20/ER 20	2620.92003	33	20	56	53.5	38	1	E 20 AX
PHC 20/ER 32	2620.93203	46	20	70	64.5	46	1.5	E 32 AX
PHC 22 [mm]								
PHC 22/ER 20	2622.92003	33	22	56	53.5	38	1	E 20 AX
PHC 22/ER 32	2622.93203	46	22	70	64.5	46	1.5	E 32 AX
PHC 25 [mm]								
PHC 25/ER 20	2625.92003	33	25	56	53.5	38	1	E 20 AX
PHC 25/ER 32	2625.93203	46	25	70	64.5	46	1.5	E 32 AX
PHC 1 [inch]								
PHC 1" /ER 20	2625.92004	33	25.4	56	53.5	38	1	E 20 AX
PHC 1" /ER 32	2625.93204	46	25.4	70	64.5	46	1.5	E 32 AX
PHC 1 1/4 [inch]								
PHC 1 1/4" /ER 32	2632.93204	46	31.75	70	64.5	46	1.5	E 32 AX
PHC 32 [mm]								
PHC 32/ER 32	2632.93203	46	32	70	64.5	46	1.5	E 32 AX
PHC 1 3/4 [inch]								
PHC 1 3/4" /ER 32	2644.93204	46	44.45	70	64.5	46	1.5	E 32 AX

Included in delivery: Floating holder comes with Hi-Q®/ERAX clamping nut, wrench and adjusting key

Expert advice

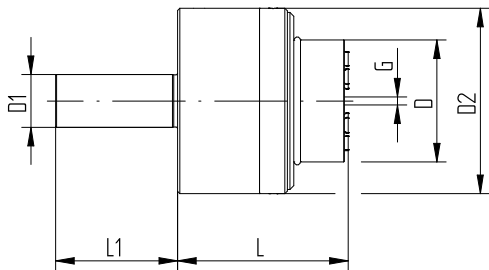
When using coolant through tools please order Hi-Q®/ERAXC clamping nuts and the corresponding sealing disks.

PHC floating chucks for coolant through tools with REGO-FIX CAPTO interface

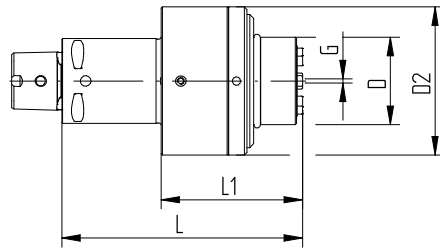
PHC-C

Type	Part no.	Dimensions [mm]					Accessory
		D	D2	L	L1	G	Wrench
PHC-C3							
PHC-C3/ER 20	2803.92003	33	56	91	53.5	0.8	E 20 AX
PHC-C4							
PHC-C4/ER 20	2804.92003	33	56	91	56.5	0.8	E 20 AX
PHC-C4/ER 32	2804.93203	46	70	100	64	0.8	E 32 AX

Included in delivery: Floating holder comes with Hi-Q®/ERAX clamping nut and wrench



PHC/ER



PHC-C/ER

Certified REGO-FIX CAPTO – licensed by Sandvik Coromant – is manufactured at REGO-FIX Switzerland under license according to CAPTO specifications.

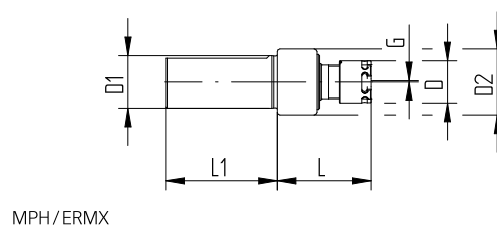
MPH mini floating chucks with intrRlox®

MPH

(slip-off proof mini clamping nut)

Type	Part no.	Dimensions [mm]					Accessory	
		D	D1 h6	D2	L	L1	G	Wrench
MPH 8 [mm]								
MPH 8/ERMX 11	4608.91107	16	8	25	35.5	42	0.5	E 11 MX
MPH 10 [mm]								
MPH 10/ERMX 11	4610.91107	16	10	25	35.5	42	0.5	E 11 MX
MPH 16 [mm]								
MPH 16/ERMX 11	4616.91107	16	16	25	35.5	42	0.5	E 11 MX
MPH 3/4 [inch]								
MPH 3/4" /ERMX 11	4619.91108	16	19.05	25	35.5	70	0.5	E 11 MX
MPH 20 [mm]								
MPH 20/ERMX 11	4620.91107	16	20	25	35.5	42	0.5	E 11 MX
MPH 22 [mm]								
MPH 22/ERMX 11	4622.91107	16	22	25	35.5	42	0.5	E 11 MX
MPH 25 [mm]								
MPH 25/ERMX 11	4625.91107	16	25	25	35.5	42	0.5	E 11 MX
MPH 1 [inch]								
MPH 1" /ERMX 11	4625.91108	16	25.4	25	35.5	42	0.5	E 11 MX

Included in delivery: Floating holder comes with Hi-Q®/ERMX clamping nut and wrench



MPHC mini floating chucks with intrRlox®

MPHC

(slip-off proof mini clamping nut)

Type	Part no.	Dimensions [mm]					Accessory	
		D	D1 h6	D2	L	L1	G	Wrench
MPHC 8 [mm]								
MPHC 8/ERMX 11	4608.91105	16	8	25	35.5	42	0.5	E 11 MX
MPHC 10 [mm]								
MPHC 10/ERMX 11	4610.91105	16	10	25	35.5	42	0.5	E 11 MX
MPHC 10/ERMX 16	4610.91605	22	10	31	48.7	42	0.5	E 16 MX
MPHC 16 [mm]								
MPHC 16/ERMX 16	4616.91605	22	16	31	48.7	42	0.5	E 16 MX
MPHC 3/4 [inch]								
MPHC 3/4" /ERMX 11	4619.91106	16	19.05	25	35.5	42	0.5	E 11 MX
MPHC 3/4" /ERMX 16	4619.91606	22	19.05	31	48.7	42	0.5	E 16 MX
MPHC 20 [mm]								
MPHC 20/ERMX 11	4620.91105	16	20	25	35.5	42	0.5	E 11 MX
MPHC 20/ERMX 16	4620.91605	22	20	31	48.7	42	0.5	E 16 MX
MPHC 22 [mm]								
MPHC 22/ERMX 16	4622.91605	22	22	31	48.7	42	0.5	E 16 MX
MPHC 25 [mm]								
MPHC 25/ERMX 16	4625.91605	22	25	31	48.7	42	0.5	E 16 MX
MPHC 1 [inch]								
MPH 1" /ERMX 16	4625.91606	22	25.4	31	48.7	42	0.5	E 16 MX

Type	Part no.	D	SW	D2	L	L1	G	Wrench
MPHC ER 11 ADP								
MPHC ER 11/ERMX 11	7168.11110	16	19	25	35.5	24	0.5	E 11 MX
MPHC ERM 11/ERMX 11	7169.11110	16	19	25	35.5	24	0.5	E 11 MX

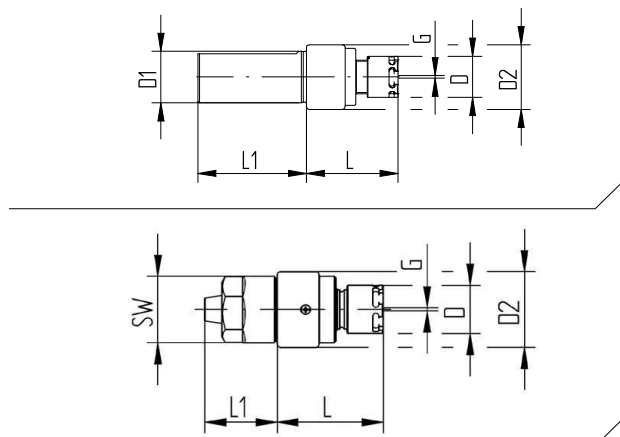
Included in delivery: Mini holder, Hi-Q® / ERMX nut and wrench



MPHC/ERMX



MPHC ER 11 ADP



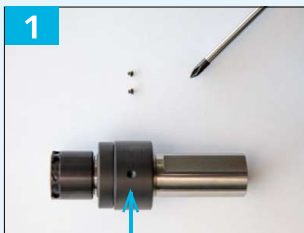
Maintenance instructions for floating chucks

There are two main versions of floating chucks

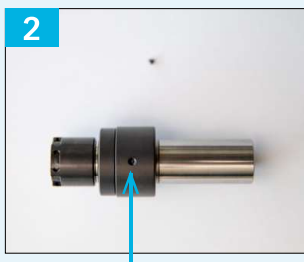
MPHC



With 2 screws on the side of the flange.



Take both screws out with a fitting screwdriver (PH0). Blow out with dry pressurised air.



Put one screw back. Fill with 10 drops of thin oil.



Put the second screw back.

MPH



With one screw in the cylindrical shaft on the back of the floating chuck.



Take the screw in the cylinder out with a fitting screwdriver (flat-head1). Blow out with dry pressurised air. Fill with 10 drops of thin oil.



Put the screw back in the back (do not forget the spring). Re-adjust the spring tension in the cylinder shaft.