

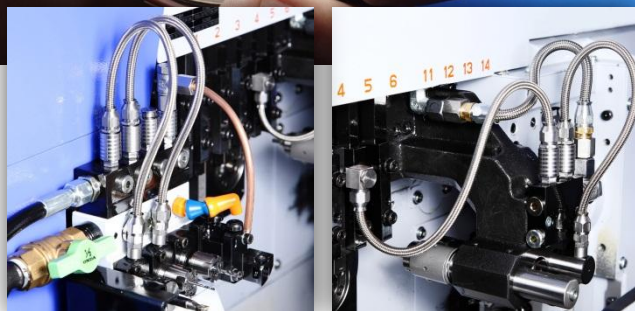


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HEB MiniPlug HighPressure Coolant Connector System

Rapidly changing turning tools



For Swiss Type Automatic Lathes with High Pressure Coolant

Coolant through tooling systems has become more common in the last years, enhancing modern machining to become more efficient.

In order to transport the coolant through the narrow holes directly to the cutting edges, the use of high-pressure pumps and distribution systems are necessary.

The fittings of these distributors are often placed inside the machine in a confined space. Small-dimensioned and permanently installed copper pipes carry the coolant to the tool holder. To change the tool or cutting plate, the tool holder has to be detached with difficulty from the distribution system.

With the new HEB MiniPlug system, a high-pressure quick connector system is available even for smaller swiss type lathes. The HEB MiniPlug system helps to reduce machine downtime for tool changes.

- Suitable up to 200 bar
- Made of stainless steel
- High-quality flexible braid hoses
- Different thread types available
- System completed with small manifold blocks in two versions

HEB MiniPlug compact information

Alles integriert!







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HEB MiniPlug 1 - Overview

Item No.	Description	Illustration	RRP
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Single components

Coupling with seal plug		DN 1, stainl. Steel		
102449	Coupling M5 with seal plug	outside thread		56 €
102853	Coupling M5 with seal plug angled	outside thread, incl. adapter G1/8		79 €
Hose set with plug, straight		DN 1, plastic		
103453	M5x0,8, 100 mm	incl. adapter M6 + M8x1		85 €
103452	M5x0,8, 200 mm	incl. adapter M6 + M8x1		85 €
102441	M5x0,8, 300 mm	incl. adapter M6 + M8x1		85 €
102698	M5x0,8, Custom 100-280 mm	incl. adapter M6 + M8x1		105 €
102862	M5x0,8, Custom bis 1000 mm	incl. adapter M6 + M8x1		125 €
102869	Plug on both sides, 300mm			85 €
102875	Plug on both sides, Sonderl. 100-280mm			105 €
102870	Plug on both sides, Sonderl. bis 1000 mm			125 €
Hose set with plug, angled		DN 1, plastic		
103455	M5x0,8, 100 mm	incl. adapter G1/8 + M6		95 €
103454	M5x0,8, 200 mm	incl. adapter G1/8 + M6		95 €
102850	M5x0,8, 300 mm	incl. adapter G1/8 + M6		95 €

adapter

102447	Seal plug		9 €
102851	adapter M5 F to MiniPlug Jack		9 €
102454	adapter M5 F to M6x1 M		9 €
102453	adapter M5 F auf M8x1 M		9 €
102848	adapter M5 F to G1/8 M		9 €
102940	adapter M5 F to NPT1/16 M		9 €
102940	Elbow adapter M5 F to M5 M		9 €

HEB MiniPlug 3 metric-inch - Overview






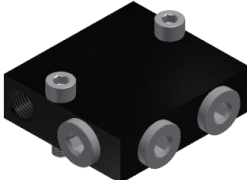
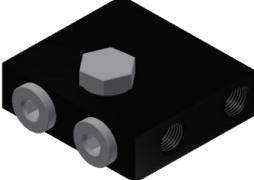
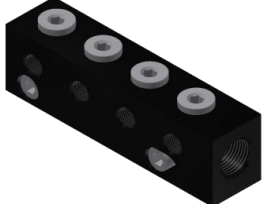

Item No.	Description	Illustration	RRP
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Single components

Coupling incl. seal plug		ND 3, stainless steel		
101994	G 1/8	outside thread		56 €
101995	M 10x1	outside thread		56 €
102184	NPT1/8	outside thread		56 €
103428	UNJF 7/16-20	outside thread		56 €
102498	angled M 8x1	outside thread		79 €
102654	angled G1/8	outside thread		79 €
103560	angled NPT1/8	outside thread		79 €
102038	M 8x1 (for toolholder)	outside thr. incl. plug-adaptor		59 €
103729	M 8x1	inner thread		59 €
Hose set with plug, straight		DN 3, stainl. steel-braid hose		
103375	M8x1, 100 mm	incl. adapters M10x1 + G1/8		85 €
102686	M8x1, 200 mm	incl. adapters M10x1 + G1/8		85 €
101991	M8x1, 300 mm	incl. adapters M10x1 + G1/8		85 €
103376	NPT1/8, 100 mm	without adapters		85 €
102938	NPT1/8, 200 mm	without adapters		85 €
102186	NPT1/8, 300 mm	without adapters		85 €
102223	M8x1, custom. 100-280 mm	incl. adapters M10x1 + G1/8		105 €
102039	M8x1, custom. to 1000 mm	incl. adapters M10x1 + G1/8		125 €
102605	NPT1/8, custom. 100-280 mm	without adapters		105 €
102606	NPT1/8, custom. to 1000 mm	without adapters		125 €
102586	plug, 150 mm	without adapters		85 €
103431	Plug, custom. 100-280 mm	without adapters		105 €
103432	Plug, custom. 320-1000 mm	without adapters		125 €
103440	M8x1, straight, custom. 100-320 mm	without adapters		105 €
Hose set with plug, angled		DN 3, stainl. steel-braid hose		
103449	M8x1, 100 mm	incl. adapters M10x1 + G1/8		95 €
103448	M8x1, 200 mm	incl. adapters M10x1 + G1/8		95 €
101992	M8x1, 300 mm	incl. adapters M10x1 + G1/8		95 €
102247	M8x1, custom. 100-280 mm	incl. adapters M10x1 + G1/8		115 €
102043	M8x1, custom. to 1000 mm	incl. adapters M10x1 + G1/8		135 €
103451	1/8" NPT, 100 mm	incl. adapters M8x1 + 1/8" NPT		95 €
103450	1/8" NPT, 200 mm	incl. adapters M8x1 + 1/8" NPT		95 €
102182	1/8" NPT, 300 mm	incl. adapters M8x1 + 1/8" NPT		95 €
102607	1/8" NPT, custom. 100-280 mm	incl. adapters M8x1 + 1/8" NPT		115 €
102608	1/8" NPT, custom. to 1000 mm	incl. adapters M8x1 + 1/8" NPT		135 €
102205	M8x1, angled, custom. 100-320 mm	incl. adapters M10x1 + G1/8 + G1/4		128 €
103501	M8x1, straight/ angled, custom. 100-320 mm	without adapters		128 €

HEB MiniPlug 3 metric-inch - Overview

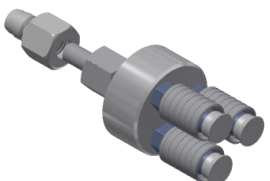





Angled plug , anti-turn		DN 3 stainl. steel, with nozzle		
101993	150 mm, flexible copper tube	for external coolant		35 €
102529	200 mm, flexible steel tube with adjustable nozzle ND 1,2			59 €
				
Nozzy-nozzle				
102625	200 mm, flexible steel tube with adjustable nozzle ND 1,2 and MiniPlug connector			59 €
103394	Nozzy-Düse, gerade M6x0,5			49,30 €
103395	Nozzy-Düse, gebogen M6x0,5			52,80 €
Distribution Block A		5-way, steel burnished		
101990	Inlet G 1/4, Outlet G 1/8	incl. 3 seal plugs G 1/8		109 €
102221	Inlet 1/4" NPT, Outlet 1/8" NPT	incl. 2 seal plugs 1/8" NPT		109 €
Distribution Block R		4-way, steel burnished		
102533	Inlet G 1/8, Outlet G 1/8 only for Star SR-20 RIV	incl. 2 seal plugs G 1/8 and banjo bolt G1/8		111 €
Distribution Block B		8-way, steel burnished		
101997	Inlet G 3/8, Outlet G 1/8	incl. 6 seal plugs G 1/8 and adapter G3/8 -G1/4		229 €
102220	Inlet 1/4" NPT, Outlet 1/8 NPT	incl. 4 seal plugs G 1/8		229 €
Connection feed line		ND 5, stainl. steel braid hose		
101961	G 1/4 - 300 mm	incl. adapter tube end Ø 8		160 €
102190	1/4" NPT - 300 mm	incl. adapter tube end Ø 8		160 €
102166	G 1/4 - custom. to 1000 mm	incl. adapter tube end Ø 8		210 €
102609	1/4" NPT - custom. to 1000 mm	incl. adapter tube end Ø 8		210 €

HEB MiniPlug 3 metric-inch - Overview



Sets

Distribution cyl.		3-way, burnished		
102440	Inlet G 1/4 and Ø 8 mm	incl. adapter, screw joint and 3 mounted couplings		239 €
Distribution Block universal		5-way, burnished		
103529	Inlet G 1/4 and Ø 8 mm, Outlet G1/8	incl. adapter, screw joint, 3 plugs and 2 mounted couplings		183 €
103530	Inlet G 1/4 and Ø 8 mm, Outlet 1/8" NPT	incl. adapter, screw joint, 3 plugs and 2 mounted couplings		183 €
Starter-Set Universal		2x Coupling straight, 1x Coupling angled, 2x Hose set straight, 1x Hose set angled & Nozzy nozzle with steel tube		
102939	G 1/8 thread	2x 101994, 1x 102498, 2x 101991, 1x 101992, 1x 102625		515 €
Connection Set 4+1		4x Coupling, 4x Hose set straight, 1x angled plug		
102003	G 1/8 thread	4x 101994, 4x 101991, 1x 102529		539 €
102004	M 10x1thread	4x 101995, 4x 101991, 1x 102529		539 €

HEB MiniPlug 3 metric-inch - Overview



STARter-Set SR-20		5x Coupling, 2x Hose set straight, 2x Hose set angled, 1x angled plug, 1x Distribution Block A, 1x Distributionblock B, 1x Feed line	
102214	G thread version for Star SR-20 J/JN/R/III	5x 101994, 2x 101991, 2x 101992, 1x 102529 1x 101990, 1x 101997, 1x 101961	1.055 €
STARter-Set SR-32		4x Coupling, 2x Hose set straight, 1x Hose set angled, 1x angled plug, 1x Distribution Block A, 1x Distribution Block B, 1x Feed line	
102215	G thread version for Star SR-32 J/JN	4x 101994, 2x 101991, 1x 101992, 1x 102529 1x 101990, 1x 101997, 1x 101961	915 €
STARter-Set SB-16/20		4x Coupling, 2x Hose set straight, 1x Hose set angled, 1x angled plug, 1x Distribution Block B	
102216	G thread version for Star SB-16 and SB-20	4x 101994, 2x 101991, 1x 101992, 1x 102529 1x 101997	675 €
STARter-Set SW-20		6x Coupling, 4x Hose set straight, 1x Hose set angled, 1x angled plug, 1x Distribution Block B, 1x Feed line	
102217	G thread version for Star SW-20	6x 101994, 4x 101991, 1x 101992, 1x 102529 1x 101997, 1x 101961	1.075 €

HEB MiniPlug 3 metric-inch - Overview



Adapter and Connectors

101980	M 8x1 female to G 1/8 male		9 €
101979	M 8x1 female to M 10x1 male		9 €
102006	M 8x1 female to M 8x1 male		9 €
102585	M 8x1 female to M 8x1 male Ø9,5		9 €
102915	M 8x1 female to M 12 male		9 €
102188	M 8x1 female to 1/8" NPT male		9 €
102435	M 8x1 female to M5 male		9 €
102434	M 8x1 female to M6 male		9 €
102864	M 8x1 female to M8 male		9 €
103765	M 8x1 female to UNJF5/16-24 male		9 €
103766	M 8x1 female to UNJF7/16-20 male		9 €
102914	G1/8 female to UNF7/16-20 male		16 €
102292	G1/8 female to G1/4 male		9 €
102292	G1/8 female to G1/4 male		9 €
101919	Seal plug		9 €
102042	M 8x1 female to MiniPlug-jack		9 €
102601	M 5 female to MiniPlug-jack		9 €
102683	M 8x1 male to MiniPlug-jack		9 €
101918	G1/8 female to MiniPlug-jack (anti-turn)		9 €
102685	NPT 1/8 female to MiniPlug-jack		9 €
102602	NPT 1/4 female to MiniPlug-jack		16 €
102913	UNF 7/16 female to MiniPlug-jack		16 €
101978	Banjo Bolt M8x1 male		9 €
103767	Banjo Bolt UNJF5/16-24 male		9 €
102928	Collet ER16 to G1/8 female		46 €
102751	Cutting Ring Ø4 mm		2 €
102083	Ball type nozzle Nozzy straight Ø1,2mm		11 €
102305	Ball type nozzle Nozzy straight Ø1,7mm		11 €
102212	Ball type nozzle Nozzy curved Ø1,2mm		26 €
102308	Ball type nozzle Nozzy curved Ø1,7mm		26 €

G thread = ISO 228-1

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