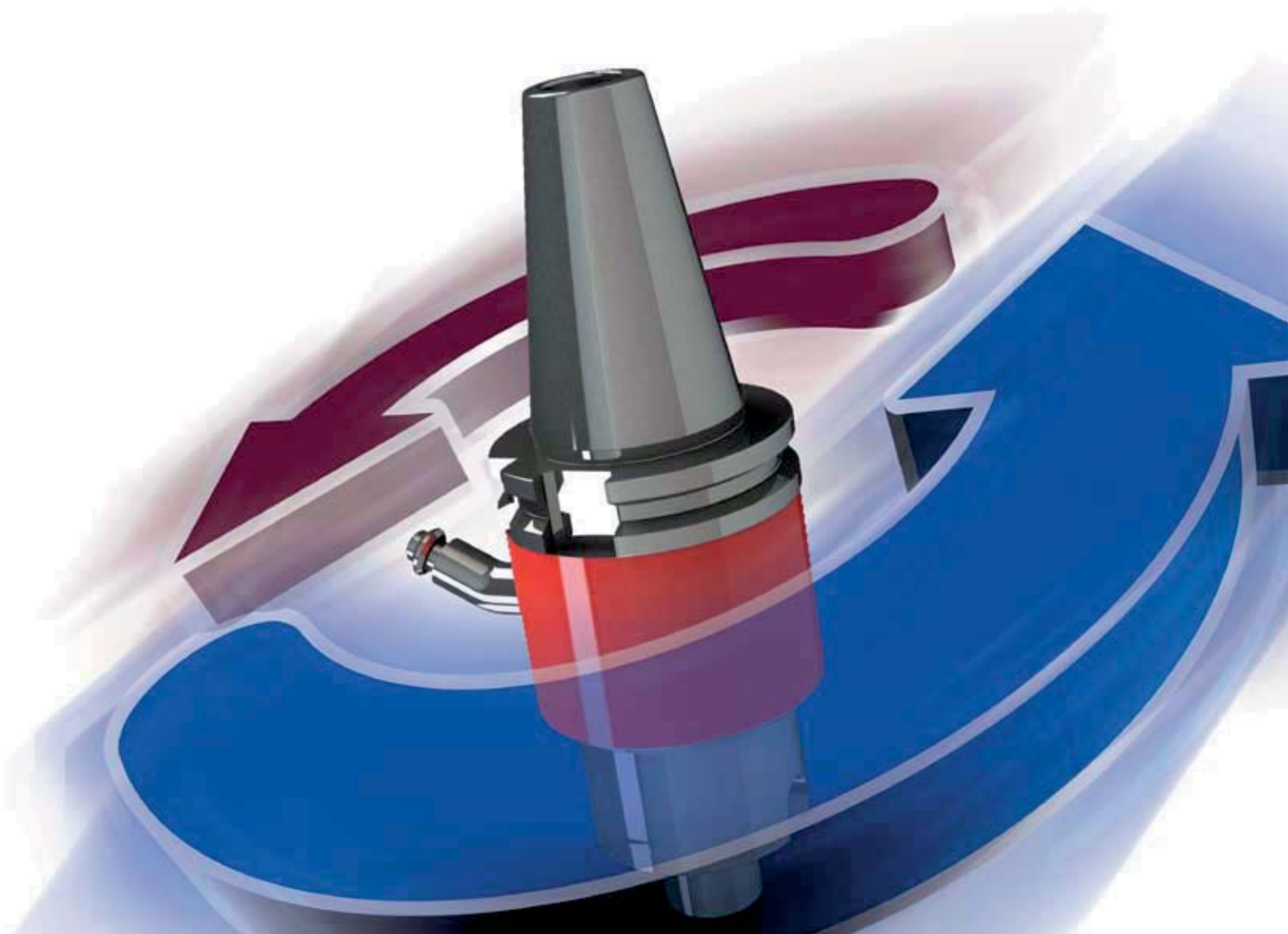


ROTATING JOINTS



➔ INCREASED PROCESS RELIABILITY-
EXTENDED PRODUCTIVITY



MORE QUALITY WITH LITTLE EFFORT

With the Rotating joints for air-/oil-coolant or spray mist lubrications, Pokolm expands his sales program for customer's higher benefit. The Pokolm-Rotating joints are suitable for profitable use on older machines without equipment for coolant supply. These are the positive effects: increased tool-life, reduced machining times and advanced surface accuracy at the same time. With a manageable investment, machining processes and product finishing are getting improved at one go.

Exact technology provides this benefit: oiled pressure air or air-/oil-spray mist lubrications are supplied continuously by corresponding DIN-standard coupling. For machine-operators, these new Rotating joints for air-/oil-spray mist lubrications are applicable without any problems.



Recommended maximum revolutions for longest durability: $n \max 6.000 \text{ min}^{-1}$



Catalogue No.	d_1	l_3	d_3	d_4	d_2	form / DIN	A	l_1	characteristics
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SK40 DIN 69871

	30 12 750 DDLs	M12	30	21	25	SK 40	DIN 69871	94,1	12	
	30 16 750 DDLs	M16	30	29	30	SK 40	DIN 69871	94,1	12	
	30 22 750 DDLs	22	30	48	50	SK 40	DIN 69871	94,1	-	
	30 ER32 750 DDLs	ER32	30	58	58	SK 40	DIN 69871	94,1	-	

Catalogue No.	d_1	l_3	d_3	d_4	d_2	form / DIN	A	l_1	characteristics
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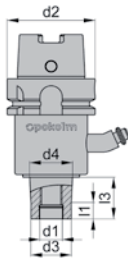
BT40 JIS B 6339

	30 12 754 DDLs	M12	30	21	25	BT 40	JIS B 6339	102	12	
	30 16 754 DDLs	M16	30	29	30	BT 40	JIS B 6339	102	12	
	30 22 754 DDLs	22	30	48	50	BT 40	JIS B 6339	102	-	

TECHNICAL DATA

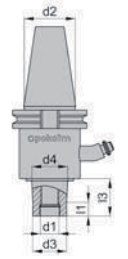
Catalogue No.	d_1	l_3	d_3	d_4	d_2	form / DIN	A	l_1	characteristics
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HKS 63 form A

	30 12 A63 DDLS	M12	30	21	25	HSK 63	Form A	101	12	
	30 16 A63 DDLS	M16	30	29	30	HSK 63	Form A	101	12	
	30 22 A63 DDLS	22	30	48	50	HSK 63	Form A	101	-	

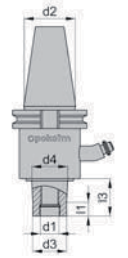
Catalogue No.	d_1	l_3	d_3	d_4	d_2	form / DIN	A	l_1	characteristics
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SK50 DIN 69871

	50 27 710 DDLS	27	50	62	65	SK 50	DIN 69871	119,1	-	

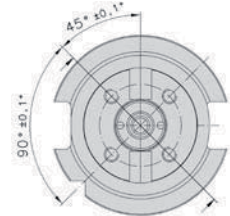
Catalogue No.	d_1	l_3	d_3	d_4	d_2	form / DIN	A	l_1	characteristics
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BT50 JIS B 6339

	50 27 714 DDLS	27	50	62	65	BT 50	JIS B 6339	138	-	




Shell type extensions and shell type thread reductions allow achieving possibilities for machining in exceptional depths beyond any standard. An existing standard arbor must be modified only with four tapped holes for fixing these extensions.



Catalogue No.	Description	diameter of spigot		extensions length			screws*
				A	B	C	
							M x length
60 22 Mxx 783*1	Shell type reductions for thread connections	∅ 22	60	∅ 35	20	25	M 6 x 25
100 22 Mxx 783*1	Shell type reductions for thread connections	∅ 22	100	∅ 35	20	25	M 6 x 25
60 27 Mxx 783*1	Shell type reductions for thread connections	∅ 27	60	∅ 44,5	20	25	M 8 x 25
100 27 Mxx 783*1	Shell type reductions for thread connections	∅ 27	100	∅ 44,5	20	25	M 8 x 25
50 22 782	Shell-type Extensions	∅ 22	50	∅ 35	20	25	M 6 x 55
100 22 782	Shell-type Extensions	∅ 22	100	∅ 35	20	25	M 6 x 55
50 27 782	Shell-type Extensions	∅ 27	50	∅ 44,5	20	25	M 8 x 55
100 27 782	Shell-type Extensions	∅ 27	100	∅ 44,5	20	25	M 8 x 55

*for fixing an extension or reduction, you need 4 screws each, included in extend of suppl. *1xx = M 10, M 12 oder M 16

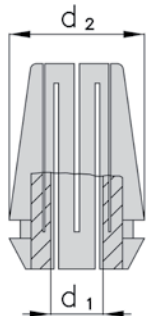
Catalogue No.	d ₁	l ₃	d ₃	d ₄	d ₂	form / DIN	A	l ₁	characteristics
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Reduction for Shell type arbors										
	50 27 22 782-1	22	50	48	62	27	-	-	-	

4 cylinder head studs DIN 912, M 8 x 20 are included in extend of supply.

Catalogue No.	d_1	l_3	d_3	d_4	d_2	form / DIN	A	l_1	characteristics
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Sealed collets ER 32

	ER32 06 DD	6	-	-	-	-	ER32	-	-	
	ER32 08 DD	8	-	-	-	-	ER32	-	-	
	ER32 10 DD	10	-	-	-	-	ER32	-	-	
	ER32 12 DD	12	-	-	-	-	ER32	-	-	
	ER32 16 DD	16	-	-	-	-	ER32	-	-	
	ER32 20 DD	20	-	-	-	-	ER32	-	-	

Catalogue No.	Description
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Accessories

Z DD 1MHDS	1 meter of hydraulic hose with coupling
Z DD 1ARLS	end-stop tube with air connection
Z DD 145LS	bent air connection 45°
Z DD 11418	reduction for air connection from 1/4" to 1/8"

USABLE FOR MANY APPLICATIONS

Rotating joints can be used profitably in following mechanical machining processes: Milling-, Drilling-, Reaming- and partly in Turning operations. As a result, the performance of every machine is getting increased. Furthermore, the service life of approved machines is extended through these Rotating joints with oil-/air-mist lubrication possibilities.

The Pokolm Rotating joints with oil-/air-mist lubrication possibilities are available in five variants. For all application possibilities, Pokolm supplies suitable arbors with the necessary tapped holes for any particular adapter.

The current shell type extensions and shell type reductions for thread connections can be fixed direct onto the suitable arbor, as well as combinations from shell type arbors, shell type reductions for thread connections and thread-in extensions or - reductions.

Pokolm supplies further accessories for the coolant supply, such as hydraulic hoses with couplings inclusive air seal with end stop tube and reductions. And in case, repairs are getting necessary, we take efforts to realize this in approx. ten working days.

ROTATING JOINTS

P-FDDE 0511

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