THANK YOU

We look forward to your questions.
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ALBRECHT
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www.albrecht-germany.com

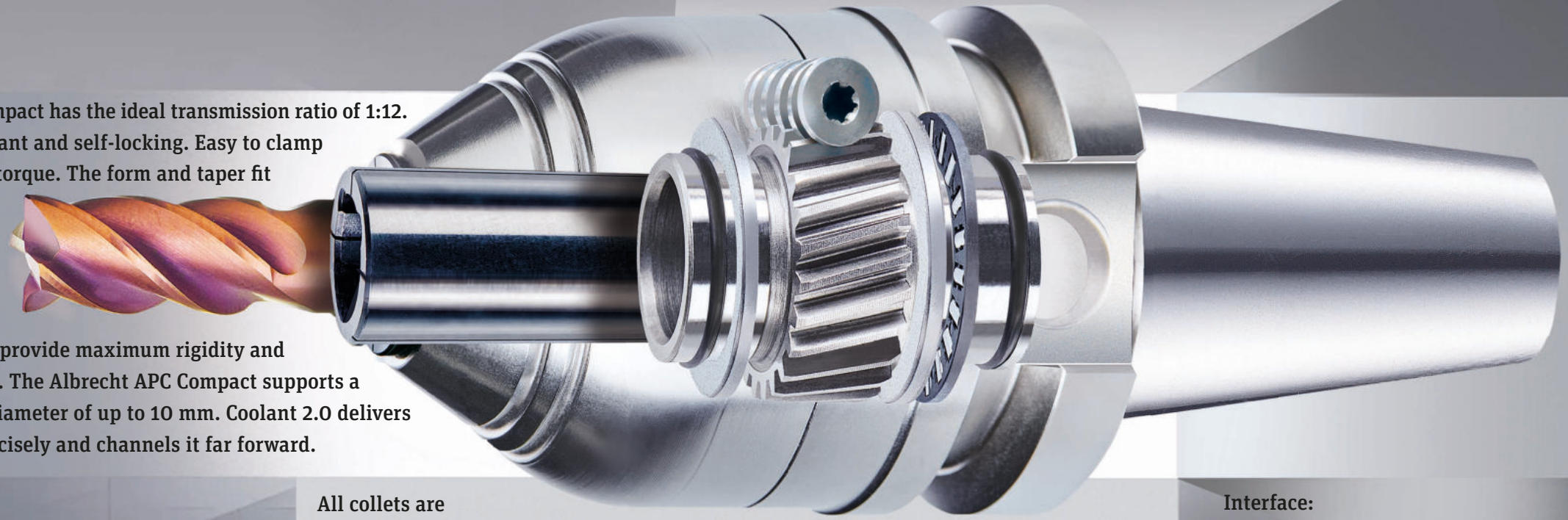
TWICE AS FAST.

The new APC Compact increases your removal rate to 600 cm^3/min.

ALBRECHT

Test the future.
The APC10 Compact
awaits to be tested.
Your Compact-CNC-
Machining-Center
is ready for action.
ALBRECHT®
APC Compact
Made in Germany

The APC Compact delivers on its mission: focusing all forces on one sin gle point.



An APC Compact has the ideal transmission ratio of 1:12. Wear-resistant and self-locking. Easy to clamp with 8 Nm torque. The form and taper fit together to provide maximum rigidity and dampening. The Albrecht APC Compact supports a clamping diameter of up to 10 mm. Coolant 2.0 delivers coolant precisely and channels it far forward.

All collets are manufactured with an accuracy of 1.5 µm. However, the force that truly takes us further is achieved through a very slow taper angle combined with an elaborate special coating.

And the perfect coordination of all washers and needle bearings makes it possible to clamp an APC Compact tightly and release it just as easily.

Interface:
BT30
BT30 with Dual Contact
SK30
HSK50
HSK63

Our Comparison: A previously well-established Hydraulic-chuck was worth the race to us. The new Albrecht Compact. A clear winner.

48%

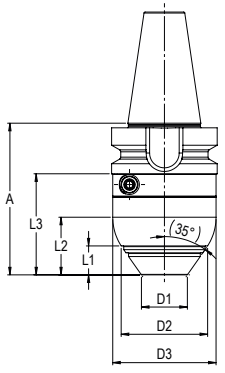
100% Performance. Twice the Power. The new Albrecht Compact

Maschine DMG Milltap / BT30 Spindel / Material AL6061

	speed	ae	ap	fz	removal	
	1/min	mm	mm	mm/min	cm³/min	
Hydrodehn	5000	12	20	0,08	287	= 48%
APC10 Compact	5000	10	20	0,20	600	= 100%

MAS-BT

Precision Chuck APC10 Compact, ISO 7388-2 (JIS B 6339)
Easy exchange of tools by setting of torque key.
Maintenance free. Sealed against coolant and contamination.
Slow collet taper angle. Collet with special coating.
System-Runout-Accuracy 3 µm at 2,5 x D. Clamping of tool shanks according to DIN 1835 A, B and DIN 6535 HB, HA.

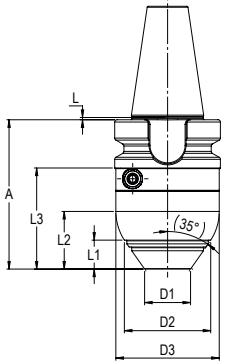


BT30 2 – 10 mm

A	Part.No.	Form	L1	L2	L3	L4	L5	D1	D2	D3	D4	Balanced	kg
66	300 010Z 430 0	A/AD	13	25	44			20	38	45		<1 gmm	0,7

Dual Contact

Precision Chuck APC10 Compact, ISO 7388-2 (JIS B 6339)
with dual contact
Easy exchange of tools by setting of torque key. Maintenance free.
Sealed against coolant and contamination. Slow collet taper angle.
Collet with special coating. System-Runout-Accuracy 3 µm at 2,5 x D.
Clamping of tool shanks according to DIN 1835 A, B and DIN 6535 HB, HA.



BT30* 2 – 10 mm

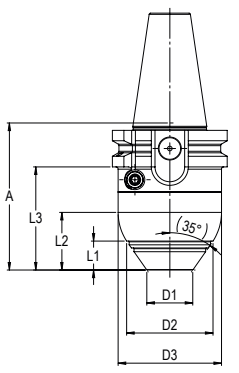
A	Part.No.	Form	L1	L2	L3	L4	L5	D1	D2	D3	D4	Balanced	kg
65	300 010Z 43P 0	A/AD	13	25	44			20	38	45		<1 gmm	0,7

Distance to standard BT-spindle BT30*: L = 1,0 - 0,005

All dimensions in millimeter

SK

Precision Chuck APC10 Compact, ISO 7388-1 (DIN 69871)
Easy exchange of tools by setting of torque key. Maintenance free.
Sealed against coolant and contamination. Slow collet taper angle.
Collet with special coating. System-Runout-Accuracy 3 µm at 2,5 x D.
Clamping of tool shanks according to DIN 1835 A, B and DIN 6535 HB, HA.

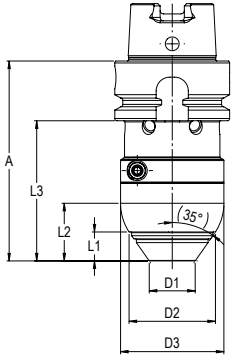


SK30 2 – 10 mm

A	Part.No.	Form	L1	L2	L3	L4	L5	D1	D2	D3	D4	Balanced	kg
64	300 010Z 230 0	A/AD	13	25	45			20	38	45		<1 gmm	0,7

HSK

Precision Chuck APC10 Compact, DIN 69893 (ISO 12164)
with fine balancing holes 6xM6
Easy exchange of tools by setting of torque key. Maintenance free.
Sealed against coolant and contamination. Slow collet taper angle.
Collet with special coating. System-Runout-Accuracy 3 µm at 2,5 x D.
Clamping of tool shanks according to DIN 1835 A, B and DIN 6535 HB, HA.



HSK50 A 2 – 10 mm

A	Part.No.	Form	L1	L2	L3	L4	L5	D1	D2	D3	D4	Balanced	kg
87	300 010Z 650 0	A	13	25	61			20	38	45		<1 gmm	0,9

HSK63 A 2 – 10 mm

A	Part.No.	Form	L1	L2	L3	L4	L5	D1	D2	D3	D4	Balanced	kg
79	300 010Z 663 0	A	13	25	53			20	38	45		20.000 G=2,5	1,0

Collets APC10

Special Coating. Maintenance free.
Integrated, fine adjustable length stop.
Clamping of tool shanks corresponding
to DIN 1835 A, B and DIN 6535 HB, HA.

Coolant 2.0 with additional channels for peripheral cooling directly on the tool shank.

		Peripheral Coolant	Coolant 2.0	Central Coolant
D	**Balanced**	**Part.No.**	**Part.No.**	**Part.No.**
2,0	ja	136 1002 000 0		136 1002 000 T
3,0	ja	136 1003 000 0		136 1003 000 T
4,0	ja	136 1004 000 0		136 1004 000 T
5,0	ja	136 1005 000 0		136 1005 000 T
6,0	ja	136 1006 000 0	136 1006 000 P	136 1006 000 T
7,0	ja	136 1007 000 0		136 1007 000 T
8,0	ja	136 1008 000 0	136 1008 000 P	136 1008 000 T
9,0	ja	136 1009 000 0		136 1009 000 T
10,0	ja	136 1010 000 0	136 1010 000 P	136 1010 000 T

All dimensions in millimeter

Torque key TORX IP20

Torque Key	Part.No.
nach ISO 6789 fest 8 Nm	139 0008 900 0

Spare Bit	Part.No.
Spare Bit 1/4“ mit Torx IP20	139 0008 910 2

Taper Wiper for perfect cleaning

Taper Wiper	Part.No.
for APC10	139 0000 GR3 0
Replacement papers, 25 pcs.	139 0000 GR0 2