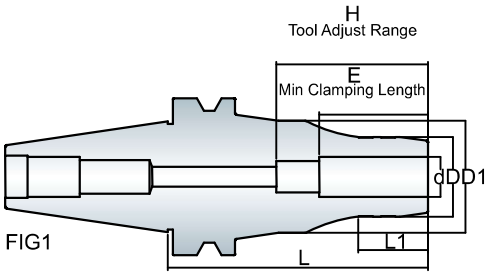
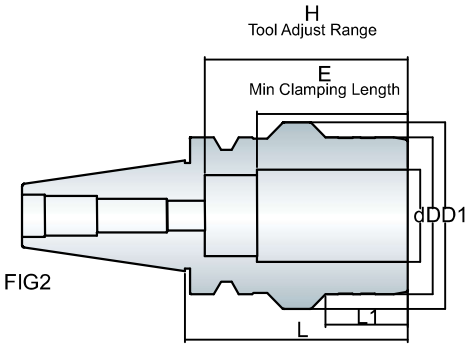
BT / NT
series

AHC Hydraulic Chuck







Model No.	FIG.	d	D	D1	L	L1	E	H	Weight (kg)
BT30 AHC06-075	1	6	26	45	75	19	28	28-56	0.90
-090	1	6	26	46	90	28	28	28-56	1.00
AHC08-075	1	8	28	45	75	19	28	28-56	0.90
-090	1	8	28	46	90	28	28	28-56	1.00
AHC10-075	1	10	30	45	75	19	33	33-56	0.90
-090	1	10	30	46	90	28	33	33-56	1.00
AHC12-075	1	12	32	45	75	19	38	38-61	0.90
-090	1	12	32	46	90	28	38	38-61	1.00
AHC16-090	1	16	38	46	90	28	43	43-70	1.10
AHC20-090	2	20	42	53	90	37	43	43-70	1.10
BT40 AHC06-090	1	6	26	45	90	28	28	28-56	1.50
-105	1	6	26	45	105	28	28	28-56	1.70
-135	1	6	26	45	135	28	28	28-56	2.20
AHC08-090	1	8	28	45	90	28	28	28-56	1.60
-105	1	8	28	45	105	28	28	28-56	1.80
-135	1	8	28	45	135	28	28	28-56	2.20
AHC10-090	1	10	30	45	90	28	33	33-56	1.60
-105	1	10	30	45	105	28	33	33-56	1.80
-135	1	10	30	45	135	28	33	33-56	2.20
AHC12-090	1	12	32	45	90	28	38	38-61	1.60
-105	1	12	32	45	105	28	38	38-61	1.80
-135	1	12	32	45	135	28	38	38-61	2.20
AHC16-090	1	16	38	45	90	28	43	43-70	1.60
-105	1	16	38	45	105	40	43	43-70	1.80
-135	1	16	38	45	135	40	43	43-70	2.10
AHC20-090	1	20	42	50	90	28	43	43-70	1.60
-105	1	20	42	50	105	40	43	43-70	1.90
-135	1	20	42	50	135	40	43	43-70	2.40
AHC25-075	1	25	55	63	75	28	52	52-79	1.70
-090	1	25	55	63	90	28	52	52-79	2.00
AHC32-090	2	32	63	75	90	33	56	56-81	2.10
-110	2	32	63	75	110	33	56	56-81	2.60

Unit: mm

Features

- AHC tooling system is suitable for high speed and high precision cutting.
- When using without collet, AHC tooling system is designed for coolant type -THROUGH TOOLS.
- Tools are restricted by material of h6 carbide tool.
- Balancing: 30,000 r.p.m G2.5

Hydraulic Chuck

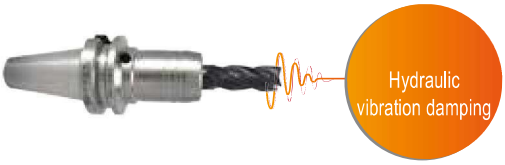
AHC

BT / NT series

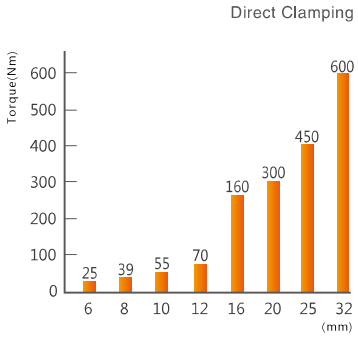
Hydraulic Chambers-Stable runout and high accuracy is achieved by 2 points holding.

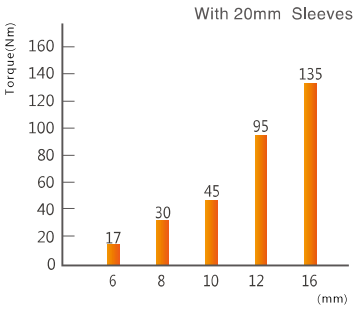


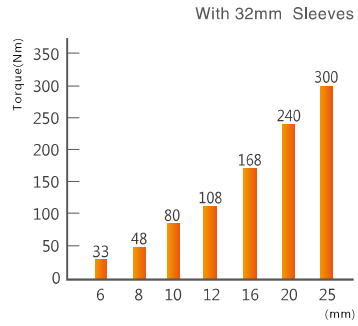
- Runout accuracy <5um at 4XD
- East and fast to change the tool.
- Hydraulic vibration damping



Turn the wrench-
Easy and fast to change the tool.





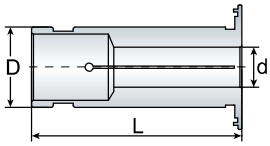


Model No.	FIG.	d	D	D1	L	L1	E	H	Weight (kg)
BT50 AHC06-105	1	6	26	45	105	28	28	28-56	4.20
-135	1	6	26	45	135	28	28	28-56	4.60
-165	1	6	26	45	165	28	28	28-56	5.10
AHC08-105	1	8	28	45	105	28	28	28-56	4.20
-135	1	8	28	45	135	28	28	28-56	4.60
-165	1	8	28	45	165	28	28	28-56	5.10
AHC10-105	1	10	30	45	105	28	33	33-56	4.20
-135	1	10	30	45	135	28	33	33-56	4.60
-165	1	10	30	45	165	28	33	33-56	5.10
AHC12-105	1	12	32	45	105	28	38	38-61	4.20
-135	1	12	32	45	135	28	38	38-61	4.60
-165	1	12	32	45	165	28	38	38-61	5.10
AHC16-105	1	16	38	47	105	28	43	43-70	4.20
-135	1	16	38	47	135	28	43	43-70	4.70
-165	1	16	38	47	165	28	43	43-70	5.20
AHC20-105	1	20	42	50	105	46	43	43-70	4.20
-135	1	20	42	50	135	46	43	43-70	4.80
-165	1	20	42	50	165	46	43	43-70	5.40
AHC25-105	1	25	63	68	105	50	52	52-79	5.00
-135	1	25	63	68	135	50	52	52-79	5.90
-165	1	25	63	68	165	50	52	52-79	6.70
AHC32-105	1	32	72	78	105	50	56	56-81	5.30
-135	1	32	72	78	135	50	56	56-81	6.50
-165	1	32	72	78	165	50	56	56-81	7.60

Unit: mm

Straight Collet-Coolant Type

SC-CL





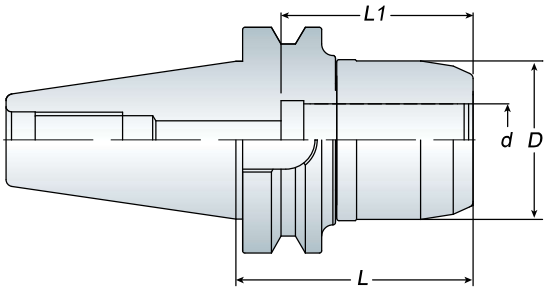


Model No.	D	d	L	Weight (kg)
SC12-CL	12	3,4,5,6,8	40	0.02
SC16-CL	16	6,8,10,12	47.5	0.08
SC20-CL	20	4,6,8,10,12,14,16	52	0.10
SC25-CL	25	6,8,10,12,14,16,20	58	0.20
SC32-CL	32	6,8,10,12,14,16,18,20,25	64	0.30

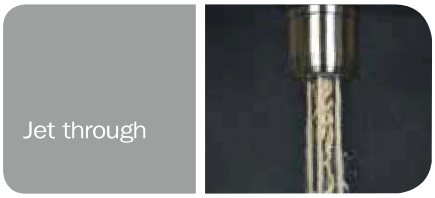
Unit: mm

BT / NT
series

AMG Double Power Chuck







Model No.	d	D	L	L1	Wrench	Weight (kg)
BT30 AMG10-080	10	46	80	67	WAMG12	1.10
AMG12-080	12	46	80	67	WAMG12	1.10
AMG16-095	16	54	95	60	WAMG16	1.30
AMG20-095	20	58	95	70	WAMG20	1.60
AMG25-100	25	62	100	90	WAMG25	1.80
AMG32-095	32	70	95	90	WAMG32	2.00
BT40 AMG10-080	10	46	80	67	WAMG12	1.60
AMG12-080	12	46	80	67	WAMG12	1.60
-105	12	46	105	67	WAMG12	2.00
AMG16-080	16	54	80	60	WAMG16	1.80
-105	16	54	105	60	WAMG16	2.30
AMG20-095	20	58	95	70	WAMG20	2.00
-105	20	58	105	70	WAMG20	2.30
AMG25-095	25	62	95	90	WAMG25	2.20
AMG32-090	32	70	90	90	WAMG32	2.30
-105	32	70	105	90	WAMG32	2.60
BT50 AMG10-105	10	46	105	67	WAMG12	4.60
AMG12-105	12	46	105	67	WAMG12	4.60
-135	12	46	135	67	WAMG12	5.10
-165	12	46	165	67	WAMG12	5.80
AMG16-105	16	54	105	60	WAMG16	4.90
-135	16	54	135	60	WAMG16	5.50
-165	16	54	165	60	WAMG16	6.50
AMG20-105	20	58	105	70	WAMG20	4.90
-135	20	58	135	70	WAMG20	5.60
-165	20	58	165	70	WAMG20	6.50
AMG25-105	25	62	105	90	WAMG25	4.90
-135	25	62	135	90	WAMG25	5.70
-165	25	62	165	90	WAMG25	6.70
AMG32-105	32	70	105	90	WAMG32	5.00
-135	32	70	135	90	WAMG32	5.80
-165	32	70	165	90	WAMG32	6.70

Unit: mm

Features

- AMG tooling system is suitable for high speed and heavy cutting simultaneously.
- AMG tooling system is special designed for coolant type - JET THROUGH.
- High precision clamping because of the design of needle roller bearing.
- The spacer could make the flange & nut be tightened and provide exceptional rigidity.
- Clamping the tools without collet is excellent for heavy cutting.
- Wrench must be ordered separately.



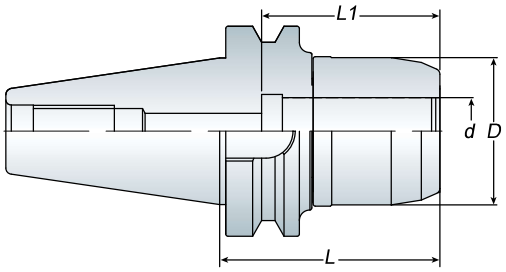


- AMG Double Power Chuck with nut for C-WRENCH is available.
- Please change name from AMG to AMC of each model no. when ordering.
- Example: BT40 AMC16-080

High Speed Milling Chuck

ASG

BT / NT series







CL Type / Without Collet-Through Tools

- ASG CL type is designed for coolant type-through tools.
- Please change name from ASG to ASG CL of each modle no. when ordering.
- EX: BT40 ASG 20-80 CL



Without Collet - Through holders



With Collet - Through collets



With CL Collet - Through tools

Features

- ASG tooling system is suitable for high speed and high precision cutting.
- When using without collet, ASG tooling system is designed for coolant type - THROUGH TOOLS.
- Dust-proof design could extend tool holder lifetime.
- Wrench must be ordered separately.
- Balancing: 30,000 r.p.m G2.5

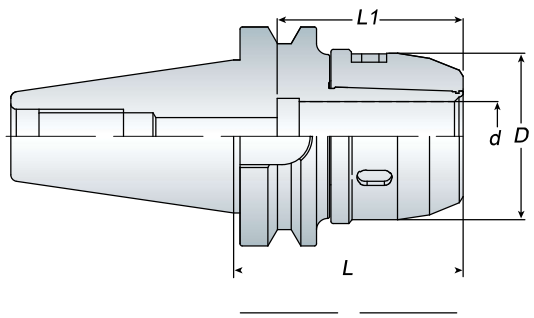
Model No.	Clamping Range	d	D	L	L1	Collet Type	Weight (kg)
BT30 ASG12-070	3~12	12	35	70	–	SC12	1.10
ASG16-080	3~16	16	46	80	65	SC16	1.10
ASG20-085	4~20	20	54	85	72	SC20	1.40
BT40 ASG12-080	3~12	12	35	80	–	SC12	1.40
-095	3~12	12	35	95	–	SC12	1.50
-120	3~12	12	35	120	–	SC12	1.80
ASG16-080	3~16	16	46	80	65	SC16	1.60
-105	3~16	16	46	105	65	SC16	2.00
-135	3~16	16	46	135	65	SC16	2.40
ASG20-080	4~20	20	54	80	72	SC20	1.80
-105	4~20	20	54	105	72	SC20	2.30
-135	4~20	20	54	135	72	SC20	2.90
ASG25-090	6~25	25	58	90	85	SC25	2.00
-120	6~25	25	58	120	85	SC25	2.60
ASG32-105	6~32	32	68	105	95	SC32	2.40
-135	6~32	32	68	135	95	SC32	3.20
BT50 ASG12-090	3~12	12	35	90	–	SC12	4.10
-110	3~12	12	35	110	–	SC12	4.30
-135	3~12	12	35	135	–	SC12	4.40
ASG16-090	3~16	16	46	90	65	SC16	4.40
-110	3~16	16	46	110	65	SC16	4.70
-135	3~16	16	46	135	65	SC16	4.90
-150	3~16	16	46	150	65	SC16	5.20
ASG20-090	4~20	20	54	90	72	SC20	4.50
-110	4~20	20	54	110	72	SC20	5.00
-135	4~20	20	54	135	72	SC20	5.30
-150	4~20	20	54	150	72	SC20	5.40
ASG25-110	6~25	25	58	110	85	SC25	5.00
-150	6~25	25	58	150	85	SC25	5.40
ASG32-110	6~32	32	68	110	95	SC32	5.10
-150	6~32	32	68	150	95	SC32	6.40

Unit: mm

BT / NT
series

ASC

High Speed Milling Chuck





Model No.	Clamping Range	d	D	L	L1	Collet Type	Weight (kg)
BT30 ASC16-080	3~16	16	46	80	65	SC16	1.10
ASC20-085	4~20	20	53	85	72	SC20	1.30
BT40 ASC16-080	3~16	16	46	80	65	SC16	1.60
-105	3~16	16	46	105	65	SC16	2.00
-135	3~16	16	46	135	65	SC16	2.40
ASC20-080	4~20	20	53	80	72	SC20	1.80
-105	4~20	20	53	105	72	SC20	2.30
-135	4~20	20	53	135	72	SC20	2.90
BT50 ASC16-090	3~16	16	46	90	65	SC16	4.40
-110	3~16	16	46	110	65	SC16	4.70
-135	3~16	16	46	135	65	SC16	4.90
-150	3~16	16	46	150	65	SC16	5.00
ASC20-090	4~20	20	53	90	72	SC20	4.50
-110	4~20	20	53	110	72	SC20	5.00
-135	4~20	20	53	135	72	SC20	5.60
-150	4~20	20	53	150	72	SC20	6.00

Unit: mm



Through holders | Through collets | **With CL Collet -** Through tools



CL Type / Without Collet-Through Tools

- ASC CL type is designed for coolant type-through tools.
- Please change name from ASC to ASC CL of each modle no. when ordering.
- EX: BT40 ASC 20-80 CL

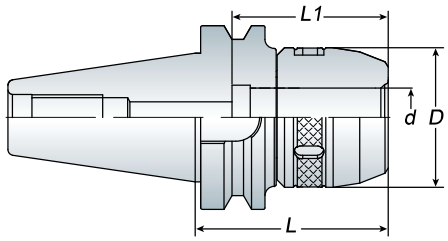
Features

- ASC tooling system is suitable for high speed and high precision cutting.
- When using without collet, ASC tooling system is designed for coolant type - THROUGH TOOLS.
- Dust-proof design could extend tool holder lifetime.
- C-type wrench is attached for each ASC milling chuck.
- Balancing: 30,000 r.p.m G2.5

Milling Chuck

ASC

BT / NT series





Model No.	Clamping Range	d	D	L	L1	Collet Type	Weight (kg)
BT30 ASC25-085	6~25	25	58	85	85	SC25	1.30
BT40 ASC25-090	6~25	25	58	90	85	SC25	1.90
-130	6~25	25	58	130	85	SC25	2.70
ASC32-095	6~32	32	68	95	95	SC32	2.20
-105	6~32	32	68	105	95	SC32	2.80
-130	6~32	32	68	130	95	SC32	3.30
BT50 ASC25-100	6~25	25	58	100	85	SC25	4.60
-150	6~25	25	58	150	85	SC25	5.50
ASC32-105	6~32	32	76	105	95	SC32	5.20
-150	6~32	32	76	150	95	SC32	6.40
-200	6~32	32	76	200	95	SC32	8.50
-250	6~32	32	76	250	95	SC32	9.70
ASC42-110	6~42	42	84	110	100	SC42	5.50
-160	6~42	42	84	160	100	SC42	7.60

Unit: mm



Without Collet - Through holders 刀桿出水



With Collet - Through collets 筒夾出水



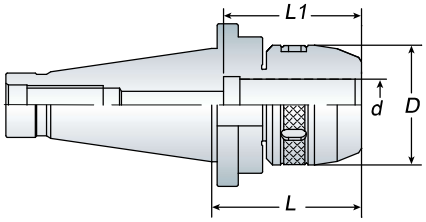
With CL Collet - Through tools 刀尖出水

- C-type wrench is attached for each ASC milling chuck.



CL Type / Without Collet-Through Tools

- ASC CL type is designed for coolant type-through tools.
- Please change name from ASC to ASC CL of each modle no. when ordering.
- EX: BT40 ASC 20-80 CL



Milling Chuck



Model No.	Clamping Range	d	D	L	L1	Collet Type	Draw Bolt	Weight (kg)
NT30 ASC20-085	4~20	20	53	85	72	SC20	1/2"- 12 M12x1.75P	1.60
ASC25-080	6~25	25	58	80	85	SC25		1.40
ASC32-090	6~32	32	68	90	95	SC32		1.80
NT40 ASC25-080	6~25	25	58	80	85	SC25	5/8"- 11 M16x2.0P	1.80
-130	6~25	25	58	130	85	SC25		2.60
ASC32-085	6~32	32	68	85	95	SC32		2.20
-130	6~32	32	68	130	95	SC32		3.00
NT50 ASC25-095	6~25	25	58	95	85	SC25	1"- 8 M24x3.0P	3.90
-150	6~25	25	58	150	85	SC25		5.30
ASC32-090	6~32	32	76	90	95	SC32		4.60
-150	6~32	32	76	150	95	SC32		5.60
ASC42-095	6~42	42	84	95	100	SC42		4.70
-150	6~42	42	84	150	100	SC42		6.80

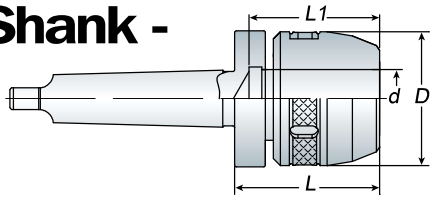
Unit: mm

- When ordering, please specify the draw bolt with inch size or metric size.
- C-type wrench is attached for each ASC milling chuck.

BT / NT
series

ASC

Morse Taper Shank - Tang Type





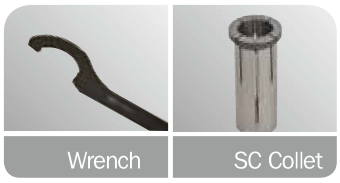
- C-type wrench is attached for each ASC milling chuck.

Model No.	Clamping Range	d	D	L	L1	Collet Type	Weight (kg)
MTA3 ASC25-070	6~25	25	58	70	85	SC25	1.50
MTA4 ASC25-070	6~25	25	58	70	85	SC25	1.90
ASC32-080	6~32	32	76	80	95	SC32	2.20
MTA5 ASC25-075	6~25	25	58	75	85	SC25	2.60
ASC32-080	6~32	32	76	80	95	SC32	3.40
ASC42-090	6~42	42	84	90	100	SC42	4.70
MTA6 ASC25-075	6~25	25	58	75	85	SC25	5.30
ASC32-080	6~32	32	76	80	95	SC32	6.10
ASC42-090	6~42	42	84	90	100	SC42	6.50

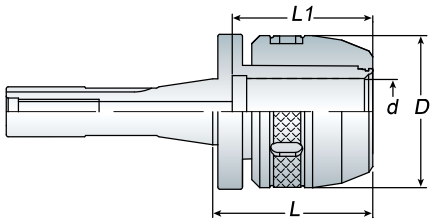
Unit: mm



- C-type wrench is attached for each ASC milling chuck.



R8 Taper Shank



Model No.	Clamping Range	d	D	L	L1	Collet Type	Weight (kg)
R8 ASC25-070	6~25	25	58	70	85	SC25	1.40
ASC32-075	6~32	32	68	75	95	SC32	1.70

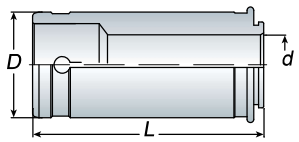
Unit: mm



Straight Collet Set

Model No.	Specification	Weight (kg)
SC12-6PCS	3,4,5,6,8,10	0.40
SC16-6PCS	3,4,6,8,10,12	1.80
SC20-6PCS	4,6,8,10,12,16	2.10
SC25-6PCS	6,8,10,12,16,20	2.40
SC32-7PCS (Metric)	6,8,10,12,16,20,25	3.80
SC32-7PCS (Inch)	1/4,5/16,3/8,1/2,5/8,3/4,1	3.80
SC42-8PCS	6,8,10,12,16,20,25,32	6.10

Unit: mm



Straight Collet

SC

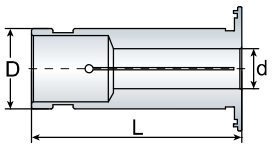
Model No.	D	d	L	Weight (kg)
SC12	12	3,4,5,6,7,8,9,10	40	0.02
SC16	16	3,4,5,6,7,8,9,10,11,12	42	0.06
SC20	20	4,6,8,10,12,14,16	52	0.10
SC25	25	6,8,10,12,14,16,18,20	63	0.16
SC32 - Metric	32	6,8,10,12,14,16,18,20,25	70	0.30
SC32 - Inch	32	1/4,5/16,3/8,1/2,5/8,3/4,1	70	0.30
SC42	42	6,8,10,12,14,16,18,20,25,32	80	0.60

Unit: mm



Straight Collet-Coolant Type

SC-CL



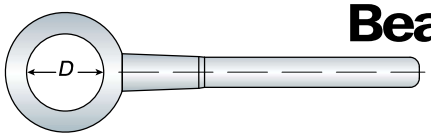


Model No.	D	d	L	Weight (kg)
SC12-CL	12	3,4,5,6,8	40	0.02
SC16-CL	16	6,8,10,12	47.5	0.08
SC20-CL	20	4,6,8,10,12,14,16	52	0.10
SC25-CL	25	6,8,10,12,14,16,20	58	0.20
SC32-CL	32	6,8,10,12,14,16,18,20,25	64	0.30

Unit: mm



Bearing Wrench



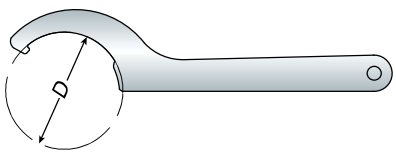
Model No.	D	Suit for	Weight (kg)
WASG10 / WASG12	35	ASG10 / ASG12	0.70
WAMG12 / WASG16	46	AMG12 / ASG16	0.70
WAMG16 / WASG20	54	AMG16 / ASG20 (ASK25)	0.90
WAMG20 / WASG25	58	AMG20 / ASG25	1.10
WAMG25	62	AMG25	1.10
WASG32	68	ASG32	1.20
WAMG32	70	AMG32	1.20

Unit: mm



C-type Wrench

ASC



Model No.	D	Suit for	Weight (kg)
WASC16	46	ASC16	0.22
WASC20	53	ASC20	0.22
WASC25	55~60	ASC25 / OZ25	0.28
WASC32	68	BT30 / BT40 ASC32	0.35
WASC42	72~84	BT50 ASC32 / ASC42	0.40

Unit: mm

