



ASPHALT

Holding System

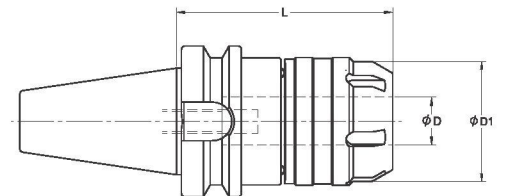


“ **NEW PRODUCT**
LAUNCH ”

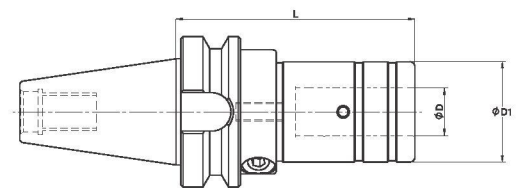


BT Holders

Multi - Milling Adaptor (MMA)
Hydraulic Adaptor (HCA)



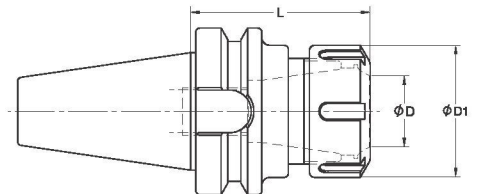
Multi - Milling Adaptor	Ordering Code	Collet Size	Collet Capacity Range	ØD	L	D1
BT40	ASHS-MMA 20-80/BT40	20	3-16	20	80	53
	ASHS-MMA 20-120/BT40	20	3-16	20	120	53
	ASHS-MMA 32-90/BT40	32	3-25	32	90	67
	ASHS-MMA 32-120/BT40	32	3-25	32	120	67
BT50	ASHS-MMA 20-90/BT50	20	3-16	20	90	53
	ASHS-MMA 20-120/BT50	20	3-16	20	120	53
	ASHS-MMA 32-90/BT50	32	3-25	32	90	67
	ASHS-MMA 32-120/BT50	32	3-25	32	120	67



Hydraulic Adaptor	Ordering Code	Collet Size	Collet Capacity Range	ØD	L	D1
BT30	ASHS-HCA 20-100/BT30	20	3-16	20	100	42
BT40	ASHS-HCA 20-100/BT40	20	3-16	20	100	42
	ASHS-HCA 32-115/BT40	32	3-25	32	115	60
BT50	ASHS-HCA 20-110/BT50	20	3-16	20	110	42
	ASHS-HCA 32-125/BT50	32	3-25	32	125	60

BT Holders

ER Collet Adaptor (CCA)



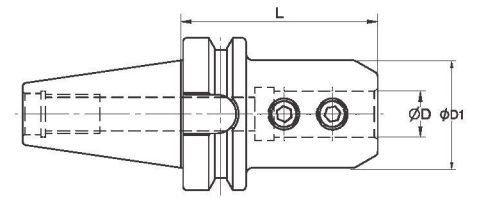
ER Collet Adaptor (CCA)	Ordering Code	Collet Size	ØD Range	L	D1
BT30	ASHS-CCA 11-70/BT30	ER11	3-7	70	19
	ASHS-CCA 11-100/BT30	ER11	3-7	100	19
	ASHS-CCA 11-120/BT30	ER11	3-7	120	19
	ASHS-CCA 16-70/BT30	ER16	3-10	70	28
	ASHS-CCA 16-100/BT30	ER16	3-10	100	28
	ASHS-CCA 16-120/BT30	ER16	3-10	120	28
	ASHS-CCA 20-70/BT30	ER20	3-13	70	34
	ASHS-CCA 20-100/BT30	ER20	3-13	100	34
	ASHS-CCA 20-135/BT30	ER20	3-13	135	34
	ASHS-CCA 25-60/BT30	ER25	3-16	60	42
	ASHS-CCA 25-70/BT30	ER25	3-16	70	42
	ASHS-CCA 25-100/BT30	ER25	3-16	100	42
	ASHS-CCA 25-135/BT30	ER25	3-16	135	42
	ASHS-CCA 32-70/BT30	ER32	3-20	70	50
BT40	ASHS-CCA 11-70/BT40	ER11	3-7	70	19
	ASHS-CCA 11-100/BT40	ER11	3-7	100	19
	ASHS-CCA 11-130/BT40	ER11	3-7	130	19
	ASHS-CCA 16-70/BT40	ER16	3-10	70	28
	ASHS-CCA 16-100/BT40	ER16	3-10	100	28
	ASHS-CCA 16-130/BT40	ER16	3-10	130	28
	ASHS-CCA 20-70/BT40	ER20	3-13	70	34
	ASHS-CCA 20-100/BT40	ER20	3-13	100	34
	ASHS-CCA 20-150/BT40	ER20	3-13	150	34
	ASHS-CCA 25-70/BT40	ER25	3-16	70	42
	ASHS-CCA 25-100/BT40	ER25	3-16	100	42
	ASHS-CCA 25-150/BT40	ER25	3-16	150	42
	ASHS-CCA 32-70/BT40	ER32	3-20	70	50
	ASHS-CCA 32-100/BT40	ER32	3-20	100	50
	ASHS-CCA 32-150/BT40	ER32	3-20	150	50
	ASHS-CCA 40-80/BT40	ER40	4-26	80	63
ASHS-CCA 40-120/BT40	ER40	4-26	120	63	

BT Holders

ER Collet Adaptor (CCA)
Side Lock Adaptor (SLA)

ER Collet Adaptor (CCA)	Ordering Code	Collet Size	ØD Range	L	D1
BT50	ASHS-CCA 16-105/BT50	ER16	3-10	105	28
	ASHS-CCA 16-150/BT50	ER16	3-10	150	28
	ASHS-CCA 20-105/BT50	ER20	3-13	105	34
	ASHS-CCA 20-150/BT50	ER20	3-13	150	34
	ASHS-CCA 20-200/BT50	ER20	3-13	200	34
	ASHS-CCA 25-105/BT50	ER25	3-16	105	42
	ASHS-CCA 25-150/BT50	ER25	3-16	150	42
	ASHS-CCA 25-200/BT50	ER25	3-16	200	42
	ASHS-CCA 32-105/BT50	ER32	3-20	105	50
	ASHS-CCA 32-150/BT50	ER32	3-20	150	50
	ASHS-CCA 32-200/BT50	ER32	3-20	200	50
	ASHS-CCA 40-105/BT50	ER40	4-26	105	63
	ASHS-CCA 40-150/BT50	ER40	4-26	150	63
	ASHS-CCA 40-200/BT50	ER40	4-26	200	63

• Balanced ER Collet Nuts



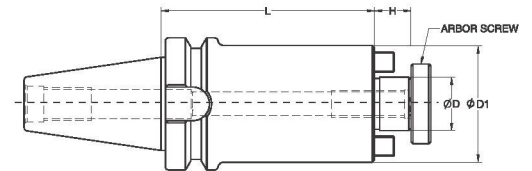
Side Lock Adaptor (SLA)	Ordering Code	ØD	L	D1
BT30	ASHS-SLA 16-75/BT30	16	75	40
	ASHS-SLA 20-75/BT30	20	75	40
	ASHS-SLA 25-75/BT30	25	75	46
BT40	ASHS-SLA 20-90/BT40	20	90	50
	ASHS-SLA 25-90/BT40	25	90	50
	ASHS-SLA 32-90/BT40	32	90	60
	ASHS-SLA 40-90/BT40	40	90	60
	ASHS-SLA 42-90/BT40	42	90	60
BT50	ASHS-SLA 16-105/BT50	16	105	40
	ASHS-SLA 20-105/BT50	20	105	50
	ASHS-SLA 25-105/BT50	25	105	50
	ASHS-SLA 32-105/BT50	32	105	60
	ASHS-SLA 40-105/BT50	40	105	70
	ASHS-SLA 50-105/BT50	50	105	80

• Bore tolerance: H6

• Balanced to G2.5 @ 25,000 RPM • T.I.R. < 5µm

BT Holders

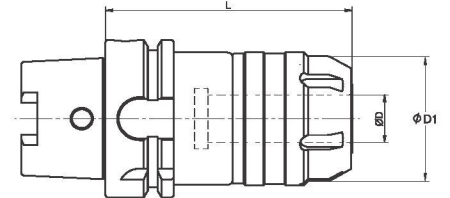
Face Mill Adaptor (FMA)



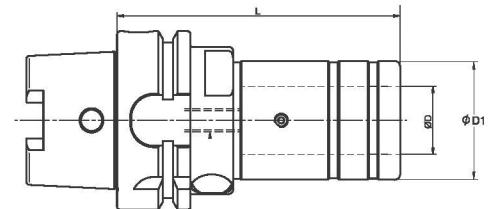
Face Mill Adaptor (FMA)	Ordering Code	ØD	L	H	D1
BT30	ASHS-FMA 16-30/BT30	16	30	15	34
	ASHS-FMA 22-45/BT30	22	45	18	45
BT40	ASHS-FMA 16-60/BT40	16	60	15	34
	ASHS-FMA 22-45/BT40	22	45	18	45
	ASHS-FMA 22-90/BT40	22	90	18	45
	ASHS-FMA 27-60/BT40	27	60	20	70
	ASHS-FMA 27-90/BT40	27	90	20	70
	ASHS-FMA 32-60/BT40	32	60	22	85
	ASHS-FMA 32-75/BT40	32	75	22	85
	ASHS-FMA 40-60/BT40	40	60	26	85
	ASHS-FMA 40-90/BT40	40	90	26	85
BT50	ASHS-FMA 22-60/BT50	22	60	18	45
	ASHS-FMA 22-105/BT50	22	105	18	45
	ASHS-FMA 22-150/BT50	22	150	18	45
	ASHS-FMA 22-200/BT50	22	200	18	48
	ASHS-FMA 27-45/BT50	27	45	20	70
	ASHS-FMA 27-90/BT50	27	90	20	70
	ASHS-FMA 27-150/BT50	27	150	20	70
	ASHS-FMA 27-200/BT50	27	200	20	70
	ASHS-FMA 32-60/BT50	32	60	22	80
	ASHS-FMA 32-75/BT50	32	75	22	80
	ASHS-FMA 32-105/BT50	32	105	22	80
	ASHS-FMA 32-150/BT50	32	150	22	80
	ASHS-FMA 32-200/BT50	32	200	26	80
	ASHS-FMA 40-75/BT50	40	75	26	85
	ASHS-FMA 40-105/BT50	40	105	26	85

HSK Holders

Multi - Milling Adaptor (MMA)
Hydraulic Adaptor (HCA)



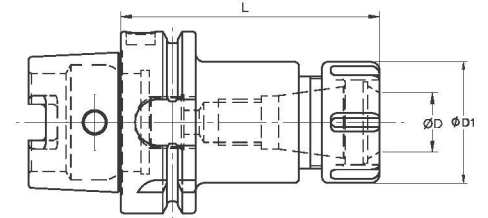
Multi - Milling Adaptor	Ordering Code	Collet Size	Collet Capacity Range	ØD	L	D1
HSK-63-A	ASHS-MMA 20-150/HSK63A	MC20	3-16	20	105	53
	ASHS-MMA 20-120/HSK63A	MC20	3-16	20	120	53
	ASHS-MMA 32-125/HSK63A	MC32	3-25	32	125	67
HSK-100-A	ASHS-MMA 32-120/HSK100A	MC20	3-16	20	120	53
	ASHS-MMA 20-90/HSK100A	MC32	3-25	32	140	67



Hydraulic Adaptor	Ordering Code	ØD	L	D1
HSK-63-A	ASHS-HCA 20-100/HSK63A	20	100	42
	ASHS-HCA 32-125/HSK63A	32	125	60
HSK-100-A	ASHS-HCA 20-115/HSK100A	20	115	42
	ASHS-HCA 32-125/HSK100A	32	125	60

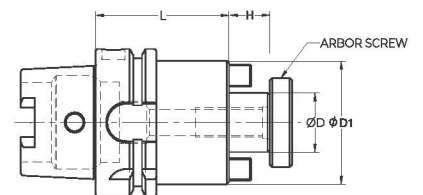
HSK Holders

ER Collet Adaptor (CCA)
Face Mill Adaptor (FMA)



ER Collet Adaptor (CCA)	Ordering Code	Collet Size	ØD Range	D	L	D1
HSK-63-A	ASHS-CCA 11-70/HSK63A	ER11	3-7	19	70	19
	ASHS-CCA 16-80/HSK63A	ER16	3-10	28	80	28
	ASHS-CCA 20-90/HSK63A	ER20	3-13	34	90	34
	ASHS-CCA 25-90/HSK63A	ER25	3-16	42	90	42
	ASHS-CCA 32-100/HSK63A	ER32	3-20	50	100	50
	ASHS-CCA 40-100/HSK63A	ER40	4-26	63	100	63
	ASHS-CCA 50-125/HSK63A	ER50	10-34	78	125	78
HSK-100-A	ASHS-CCA 11-70/HSK63A	ER11	3-7	19	70	19
	ASHS-CCA 16-90/HSK63A	ER16	3-10	28	90	28
	ASHS-CCA 20-100/HSK63A	ER20	3-13	34	100	34
	ASHS-CCA 25-90/HSK63A	ER25	3-16	42	90	42
	ASHS-CCA 32-100/HSK63A	ER32	3-20	50	100	50
	ASHS-CCA 40-100/HSK63A	ER40	4-26	63	100	63
	ASHS-CCA 50-125/HSK63A	ER50	10-34	78	125	78

• Balanced ER Collet Nuts • T.I.R. < 5µm



Face Mill Adaptor (FMA)	Ordering Code	ØD	L	H	D1
HSK-63-A	ASHS-FMA 16-45/HSK63A	16	45	17	36
	ASHS-FMA 22-50/HSK63A	22	50	19	48
	ASHS-FMA 27-60/HSK63A	27	60	21	60
	ASHS-FMA 32-60/HSK63A	32	60	24	78
	ASHS-FMA 40-70/HSK63A	40	70	24	78
HSK-100-A	ASHS-FMA 16-45/HSK100A	16	45	17	36
	ASHS-FMA 22-50/HSK100A	22	50	19	48
	ASHS-FMA 27-60/HSK100A	27	60	21	60
	ASHS-FMA 32-60/HSK100A	32	60	24	78
	ASHS-FMA 40-60/HSK100A	40	60	24	85

• T.I.R. < 7µm

• Balanced to G2.5 @ 25,000 RPM

Other Tapper Holder

Available Holder Standard
Available On Request Product
Quality Norms

Available Holder Standard

MAS BT

CAT 40/50

SK 30/40/50

BBT 40

HSK Series 50/63/100

— HSK-T

— HSK-C

— HSK-E

— HSK-F

CAPTO Equivalent

Available On Request Product

- Shrink Fit Adaptor
- Tapping Chuck Adaptor
- Tapping Attachment
- Pencil Chuck Adaptor
- Quick Change Drill & Tap Adaptor
- Reduction Adaptor & Extension Adaptor
- Custom Made Adaptor

Quality Norms

- Balancing Performed with pull stud to assure accuracy and tool life improvement
- Bore Tolerance H6/H7
- Taper To Bore Run out <5 µm
- Certificate of Balance Accuracy with each tool adaptor

Accessories

ER Collet Type Reduction Collets

ER Collet Type

3 Type Of Collet Available For Multipurpose Challenging Work & Accuracy



Standard ER Collet
10 micron TIR
1.0mm collapse range



HP - High Precision Collet
5 micron TIR
0.5mm collapse range

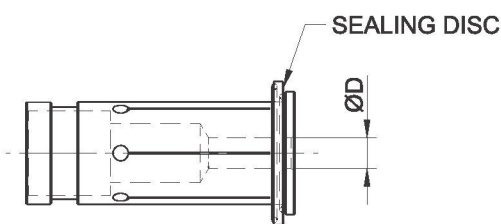


Steel-Sealed Coolant Collet
1000 PSI - 10 micron TIR
(no collapse range)

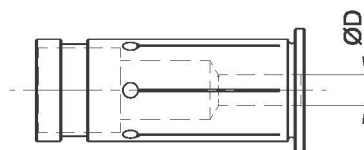
For Collet Range Please Refer Relatable Holder Series.
Collet Is Available In Set & Individual Both.

Reduction Collets For Multi Milling Adaptor (MMA) & Hydraulic Adaptor (HCA)

For Reduction Collet Collapse Range 1mm Difference.



**Collet For
Multi Milling Adaptor (MMA)**



**Collet For
Hydraulic Adaptor (HCA)**

Sealing Nut, Spanner, Pull-stud Etc Will Be, Oder Separately And Available
Individual After Purchase Requirement.

Torque Wrench For Every Separate Holder Is Available With Required Torque.



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