

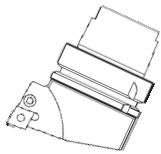
2006

TURNING TOOLS
UTENSILI DA TORNIO

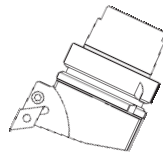
D'ANDREA
MCD'



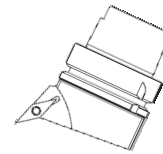
D'ANDREA®
TECHNOLOGY FOR HIGH PRECISION



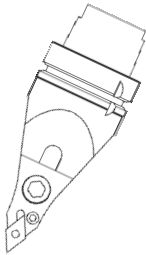
**MCD' HSK-A63 F.26
PCLNR/L 065.12**



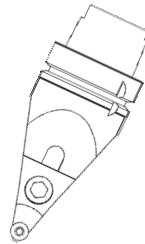
**MCD' HSK-A63 F.26
PDJNR/L 070.15**



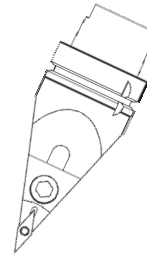
**MCD' HSK-A63 F.26
SVHBR/L 065.16**



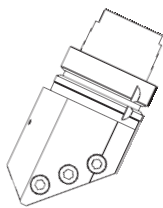
**MCD' HSK-A63 F.77
PDNNN 140.15**



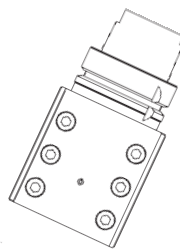
**MCD' HSK-A63 F.77
SRDCN 130.12**



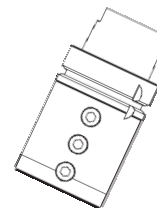
**MCD' HSK-A63 F.77
SVVBN 140.16**



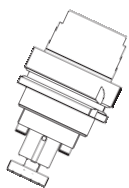
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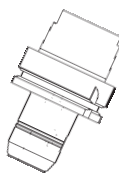
MCD' HSK-A63 TU 25.02



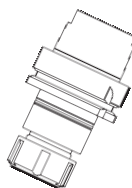
**MCD' HSK-A63 D.32
MCD' HSK-A63 D.40**



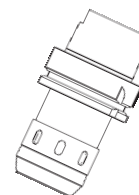
MONOd' PF



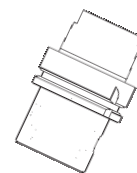
MONOd' WD



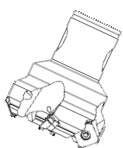
MONOd' ER



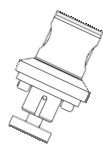
MONOforce 20 - 32



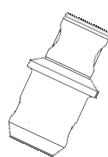
MHD' 50 - 63



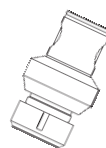
MHD' GRINTA



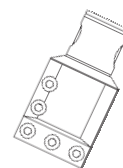
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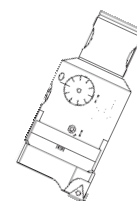
MHD' WD



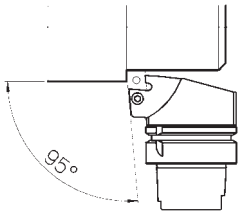
MHD' ER



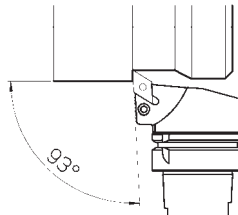
MHD' TU



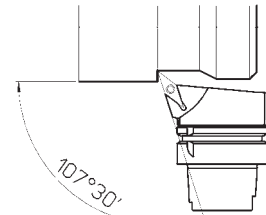
MHD' TRM



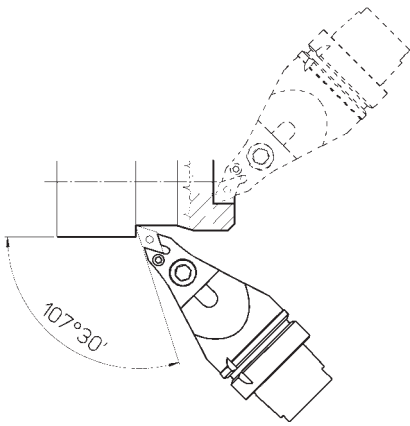
**MCD' HSK-A63 F.26
PCLNR/L 065.12**



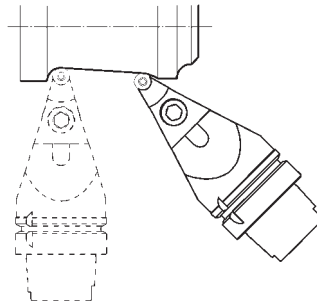
**MCD' HSK-A63 F.26
PDJNR/L 070.15**



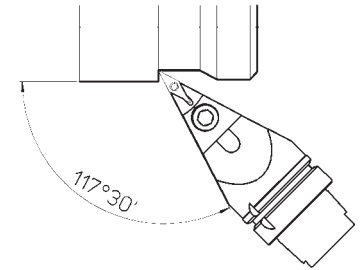
**MCD' HSK-A63 F.26
SVHBR/L 065.16**



**MCD' HSK-A63 F.77
PDNNN 140.15**



**MCD' HSK-A63 F.77
SRDCN 130.12**

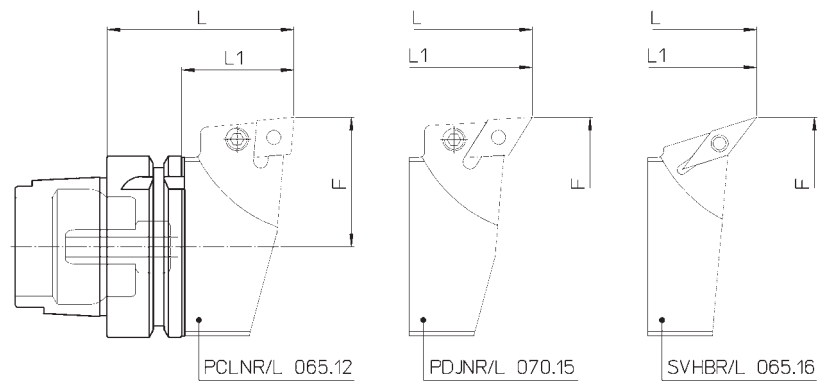


**MCD' HSK-A63 F.77
SVVBN 140.16**



Turning tools

Utensili di tornitura



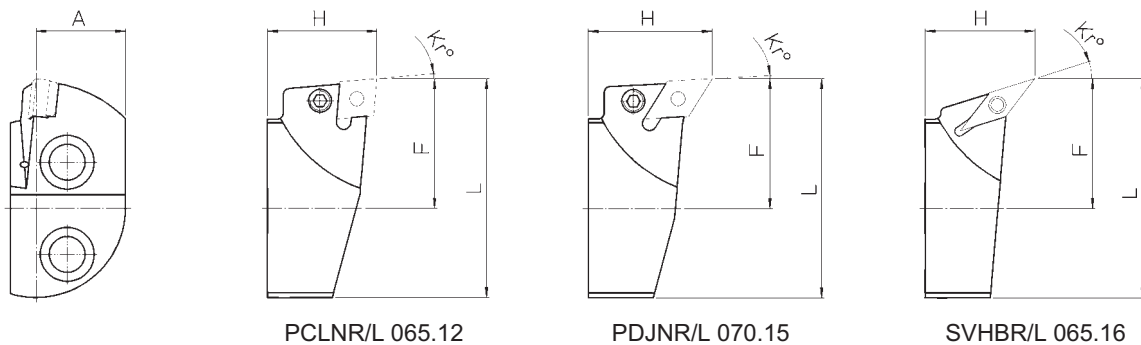
Supplied with coolant tube -
Without bit-holders and clamping wrenches

Completo di raccordo per il refrigerante -
Seggi e chiavi di serraggio esclusi

REF.	CODE	L	L ₁	F	kg	
MCD' HSK-A63 F.26 RL DIN69893	71HСКА63F026RL1	PCLNR/L 065.12	65	39	45	0.8
		PDJNR/L 070.15	70	44	45	
		SVHBR/L 065.16	65	39	45	

Turning bit-holders

Seggi di Tornitura



Right hand bit-holders shown

In figura seggi destri

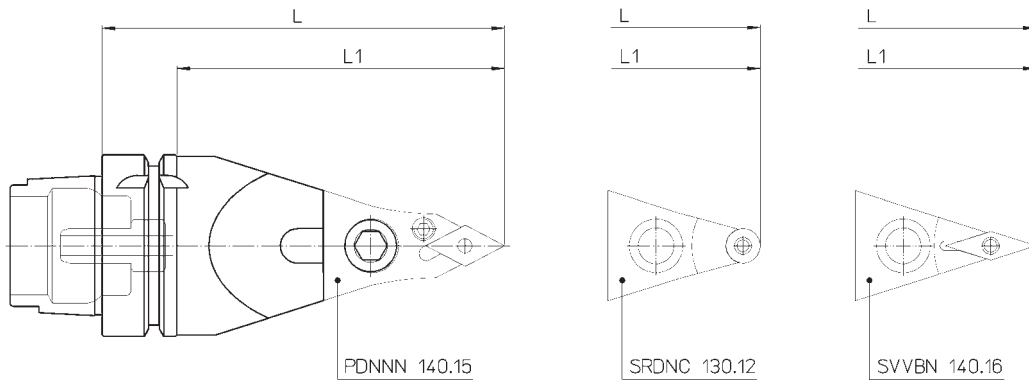
REF.	CODE	A	F	H	L	K _r ¹⁾	γ ²⁾	λ _s ³⁾	INSERT	kg
MCD' PCLNR 065.12	7501PCLNR065121	31	45	38	76	5°	6°	6°	CNM...1204...	0.4
MCD' PCLNL 065.12	7501PCLNL065121	31	45	38	76	5°	6°	6°	CNM...1204...	
MCD' PDJNR 070.15	7501PDJNR070151	31	45	43	76	3°	6°	6°	DNM... 1506...	0.35
MCD' PDJNL 070.15	7501PDJNL070151	31	45	43	76	3°	6°	6°	DNM... 1506...	
MCD' SVHBR 065.16	7501SVHBR065161	31	45	38	76	17°30'	0°	0°	VBM... 1604...	0.3
MCD' SVHBL 065.16	7501SVHBL065161	31	45	38	76	17°30'	0°	0°	VBM... 1604...	

1) Side cutting edge angle
2) True rake angle
3) Cutting edge inclination

1) Angolo di registrazione
2) Angolo di spoglia superiore
3) Angolo di inclinazione

Turning tools

Utensili di tornitura



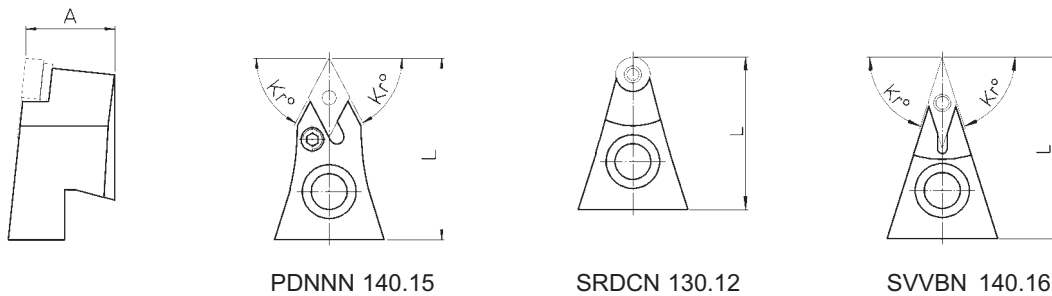
Supplied with coolant tube -
Without bit-holders and clamping wrenches

Completo di raccordo per il refrigerante -
Seggi e chiavi di serraggio esclusi

REF.	CODE	L	L ₁	kg	
MCD' HSK-A63 F.77 N DIN69893	71HСКА63F077N01	PDNNN 140.15	140	114	1.7
		SRDCN 130.12	130	104	
		SVVBN 140.16	140	114	

Turning bit-holders

Seggi di Tornitura



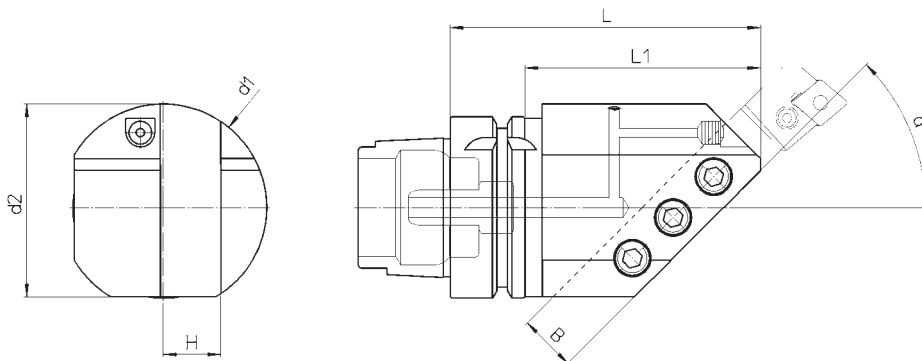
REF.	CODE	A	L	K _r ¹⁾	γ ²⁾	λ _s ³⁾	INSERT	kg
MCD' PDNNN 140.15	7505PDNNN140151	31	63	62°30'	6°	0°	DNM...1506...	0.2
MCD' SRDCN 130.12	7505SRDCN130121	31	53	-	0°	0°	RCM...1204...	
MCD' SVVBN 140.16	7505SVVBN140161	31	63	72°30'	0°	0°	VBM...1604...	

1) Side cutting edge angle
2) True rake angle
3) Cutting edge inclination

1) Angolo di registrazione
2) Angolo di spoglia superiore
3) Angolo di inclinazione

External turning tool holders

Adattatori Portautensili



Right hand tool holder shown

In figura portautensile destro

Supplied with coolant tube -
Without bit-holders and clamping wrenches

Completo di raccordo per il refrigerante -
Seggi e chiavi di serraggio esclusi

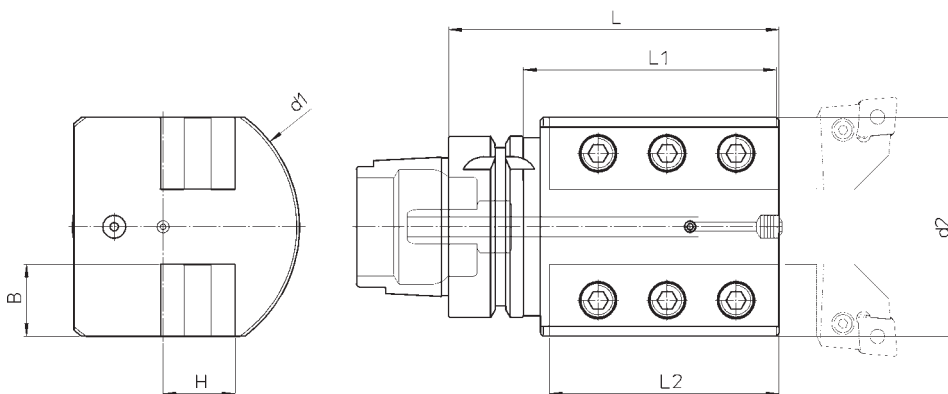
REF.	CODE	L	L ₁	d ₁	d ₂	a	BxH	kg
MCD' HSK-A63 TU20.45R DIN69893	71HSKA63T2045R1	108	82	72	67	45°	20x20	2.7
MCD' HSK-A63 TU20.45L DIN69893	71HSKA63T2045L1	108	82	72	67	45°	20x20	2.7

A standard application requires left hand tools with
right hand adapters

L'utilizzo normale richiede un utensile
sinistro in un adattatore destro

External turning tool holder

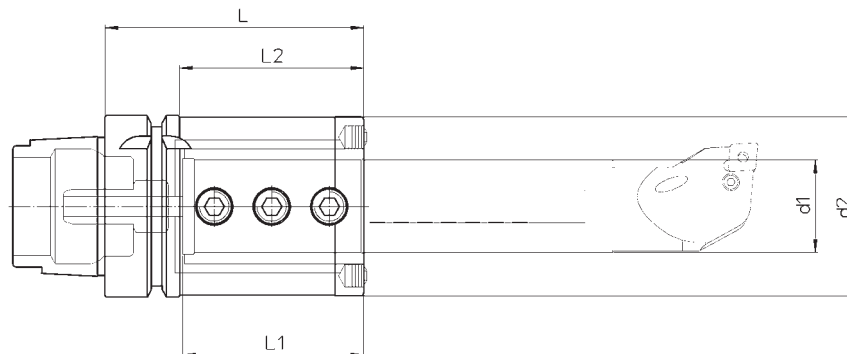
Adattatore Portautensili



Supplied with coolant tube -
Without bit-holders and clamping wrenches

Completo di raccordo per il refrigerante -
Seggi e chiavi di serraggio esclusi

REF.	CODE	L	L ₁	L ₂	d ₁	d ₂	BxH	kg
MCD' HSK-A63 TU25.02N DIN69893	71HSKA63T2502N1	115	89	80	95	76	25x25	3.0



Supplied with coolant tube -
Without bit-holders and clamping wrenches

Completo di raccordo per il refrigerante -
Seggi e chiavi di serraggio esclusi

REF.	CODE	d_1^{H5}	d_2	L	L_1	L_2	kg
MCD' HSK-A63 D.32x64 DIN69893	71HСКА63D326401	32	62	90	64	64	2.3
MCD' HSK-A63 D.40x85 DIN69893	71HСКА63D408501	40	80	125	85	93	2.5

• Reduction bushes on request

• Bussole di riduzione a richiesta



D'ANDREA®

TECHNOLOGY FOR HIGH PRECISION

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