D'ANDREA® Modular Tooling System for Rough Boring, Finish Boring, Drilling, Milling, & Tapping

D'ANDREA® your first choice for Rough & Finish boring applications from .250" to 110.0"

Promo Pricing!

D'ANDREA®

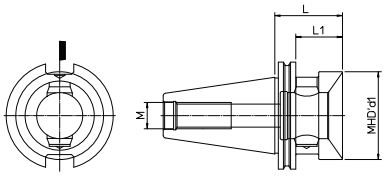
TECHNOLOGY FOR HIGH PRECISION

EXPIRES

JANUARY 31st, 2020

Modularity and high precision

Arbours for D'Andrea MHD Modular Tooling

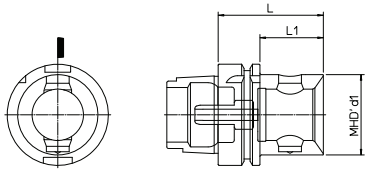


CAT V-Flange

ISO	Designation	MHD' d1	L	L1	SPECIAL
40	CV40-M50	M50	2.59	1.89	$186.95
	CV40-M50L		4.72	3.98	$227.95
	CV40-M63	M63	3.94	--	$217.95
50	CV50-M50	M50	1.89	1.14	$248.95
	CV50-M50L		4.72	3.98	$309.95
	CV50-M63	M63	2.20	1.16	$248.95
	CV50-M63L		5.90	5.16	$309.95
	CV50-M80	M80	2.44	1.69	$289.95
	CV50-M80L		7.09	6.34	$399.95

CAT V-Flange Face Contact

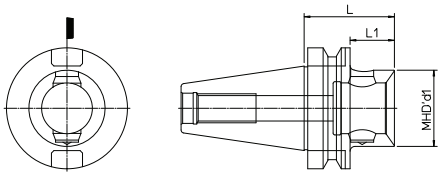
ISO	Designation	MHD' d1	L	L1	SPECIAL
40	CV40FC-M50-2.60	M50	2.60	1.85	$258.95
	CV40FC-M50-4.72		4.72	3.98	$309.95
	CV40FC-M63-3.93	M63	3.93	--	$289.95
50	CV50FC-M50-1.89	M50	1.89	1.14	$331.95
	CV50FC-M50-4.72		4.72	3.98	$399.95
	CV50FC-M63-2.20	M63	2.20	1.46	$351.95
	CV50FC-M63-5.91		5.91	5.16	$434.95
	CV50FC-M80-2.44	M80	2.44	1.69	$372.95
	CV50FC-M80-7.09		7.09	6.34	$465.95



HSK "A" Form

HSK-A	Designation	MHD' d1	L	L1	SPECIAL
40	HSK-A40-M32	M32	1.89	1.10	$309.95
50	HSK-A50-M50	M50	2.60	--	$269.95
63	HSK-A63-M40	M40	2.36	1.34	$269.95
	HSK-A63-M40L		4.72	3.70	$331.95
	HSK-A63-M50	M50	2.60	1.57	$269.95
	HSK-A63-M50L		4.72	3.70	$331.95
	HSK-A63-M63	M63	2.95	--	$299.95
80	HSK-A80-M50	M50	2.76	1.73	$299.95
	HSK-A80-M63	M63	3.15	2.13	$309.95
	HSK-A80-M80	M80	3.39	--	$341.95
100	HSK-A100-M50	M50	2.83	1.69	$309.95
	HSK-A100-M50L		4.72	3.58	$414.95
	HSK-A100-M63	M63	3.23	2.09	$341.95
	HSK-A100-M63L		5.91	4.76	$434.95
	HSK-A100-M80	M80	3.46	2.32	$372.95
	HSK-A100-M80L		7.09	5.94	$476.95

Supplied with coolant tube



MAS 403-BT

BT	Designation	MHD' d1	L	L1	SPECIAL
30	BT30-M32	M32	1.26	0.42	$186.95
	BT30-M50	M50	2.36	--	$186.95
35	BT35-M50	M50	2.36	1.42	$289.95
40	BT40-M40	M40	1.77	0.71	$186.95
	BT40-M50-48	M50	1.89	0.83	$186.95
	BT40B-M50		1.89	0.83	$207.95
	BT40-M63	M63	2.60	--	$217.95
50	BT50-M50	M50	2.60	1.10	$248.95
	BT50-M63	M63	1.97	0.47	$248.95
	BT50-M63L		2.95	1.46	$269.95
	BT50-M80	M80	1.97	0.47	$309.95
	BT50-M80L		2.95	1.46	$319.95

MAS 403-BT Face Contact

BT	Designation	MHD' d1	L	L1	SPECIAL
40	BT40FC-M50-1.89	M50	1.89	0.83	$258.95
	BT40FC-M50-4.72		4.72	3.66	$309.95
	BT40FC-M63-2.60	M63	2.60	-	$289.95
50	BT50FC-M50-2.60	M50	2.60	1.10	$331.95
	BT50FC-M50-4.72		4.72	3.23	$399.95
	BT50FC-M50-7.87		7.87	6.38	$517.95
	BT50FC-M63-2.95	M63	2.95	1.46	$351.95
	BT50FC-M63-5.91		5.91	4.41	$434.95
	BT50FC-M63-9.84		9.84	8.35	$559.95
	BT50FC-M80-2.95	M80	2.95	1.46	$372.95
	BT50FC-M80-7.09		7.09	5.59	$465.95
	BT50FC-M80-11.81		11.81	10.31	$619.95

fig. 1

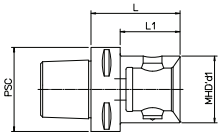
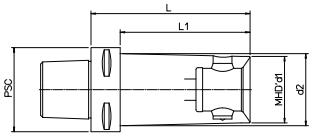


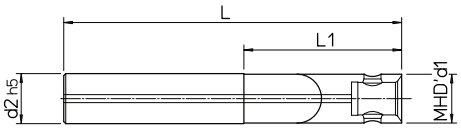
fig. 2



PSC Arbors

PSC Taper	Designation	MHD d1	d2	L	L1	Kg	Fig #	SPECIAL
PSC 40	PSC40-M32-1.65	M32	--	1.65	0.87	0.3	1	$248.95
	PSC40-M40-1.77	M40		1.77	--	0.4		$248.95
PSC 50	PSC50-M50-2.17	M50	--	2.17	--	0.8	1	$258.95
PSC 63	PSC63-M40-1.97	M40	--	1.97	1.10	0.9	1	$269.95
	PSC63-M40-4.72		1.73	4.72	3.86	1.5	2	$341.95
	PSC63-M50-2.17	M50	--	2.17	1.30	0.8	1	$269.95
	PSC63-M50-2.64			2.64	1.77	1.1		$269.95
	PSC63-M50-4.72		2.13	4.72	3.86	1.9	2	$341.95
	PSC63-M63-3.03	M63	--	3.03	--	1.8	1	$289.95
PSC 80	PSC80-M50-2.36	M50	--	2.36	1.18	2.0	1	$289.95
	PSC80-M50-4.72		2.13	4.72	3.54	2.8	2	$362.95
	PSC80-M63-2.76	M63	--	2.76	1.57	2.3	1	$309.95
	PSC80-M63-5.91		2.64	5.91	4.72	4.0	2	$392.95
	PSC80-M80-2.95	M80	--	2.95	--	2.6	1	$331.95
	PSC80-M80-4.72			4.72	--	4.3		$413.95
PSC 100	PSC100-M80-3.15	M80	--	3.15	1.73	3.5	1	$362.95
	PSC100-M110-4.72	M110	--	4.72	3.31	5.0	1	$828.95

Arbours for D'Andrea MHD Modular Tooling



Carbide Shank MHD Straight Shank Holders

Designation	MHD d1	d2	L	L1	kg	SPECIAL
BMD-0.625/16.110	M16	.625	4.33	1.97	.30	$476.95
BMD-0.625/16.140			5.51	2.48	.40	$579.95
BMD-0.625/16.170			6.69	3.15	.50	$683.95
BMD-0.750/20.135	M20	.750	5.31	2.48	.60	$652.95
BMD-0.750/20.170			6.69	3.15	.75	$786.95
BMD-0.750/20.210			8.27	3.94	.90	$931.95
BMD-1.000/25.160	M25	1.000	6.30	3.15	1.00	$931.95
BMD-1.000/25.205			8.07	3.94	1.30	$1,242.95
BMD-1.000/25.255			10.04	4.92	1.60	$1,449.95
BMD-1.250-32.195	M32	1.250	7.68	3.94	2.10	$1,499.95
BMD-1.250-32.250			9.84	4.92	2.80	$1,863.95
BMD-1.250-32.315			12.40	6.30	3.50	$2,328.95

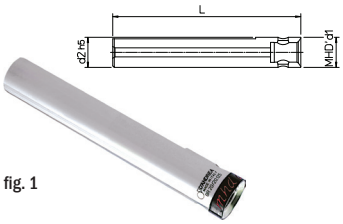


fig. 1

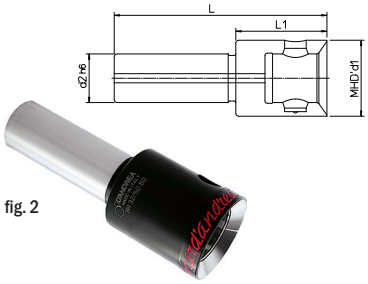
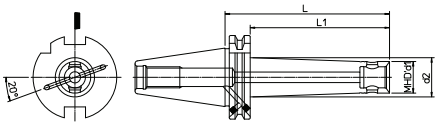


fig. 2

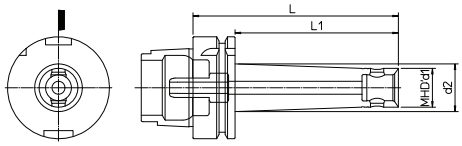
Straight Shank MHD Arbours

Designation	MHD d1	L	L1	d2	kg	fig.	SPECIAL
BR-0.63-M16-3.94	M16	3.94	2.60	.625	.15	1	$103.95
BR-0.75-M20-4.92	M20	4.92	3.35	.750	.25		$124.95
BR-1.00-M32-3.94	M32	3.94	1.39	1.000	.70	2	$259.95
BR-1.25-M50-5.51	M50	5.51	2.36	1.250	1.00		$279.95



MHD - DIN 69871 Taper 40 Arbours
(Can be used in CV40 tapers with Metric Retention Knob)

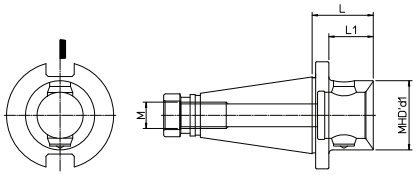
DIN	Designation	MHD	d1	d3	L	L1	SPECIAL
40	DIN40BF-M16-1.57	M16	.63	---	1.57	.83	$161.95
	DIN40BF-M16-2.48			.69	2.48	1.73	$176.95
	DIN40BF-M16-3.94			.79	3.94	3.19	$186.95
	DIN40BF-M20-1.97	M20	.79	---	1.97	1.22	$165.95
	DIN40BF-M20-3.15			.89	3.15	2.40	$186.95
	DIN40BF-M20-4.92			1.00	4.92	4.17	$196.95
	DIN40BF-M25-1.97	M25	.98	---	1.97	1.22	$165.95
	DIN40BF-M25-3.15			1.06	3.15	2.40	$186.95
	DIN40BF-M25-4.92			1.18	4.92	4.17	$196.95
	DIN40BF-M32-1.97	M32	1.26	---	1.97	1.22	$165.95
	DIN40BF-M32-3.15			1.32	3.15	2.40	$186.95
	DIN40BF-M32-4.92			1.44	4.92	4.17	$196.95



MHD - HSK-A63F Arbours

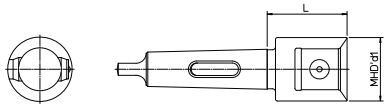
HSK-A	Designation	MHD	d1	d2	L	L1	SPECIAL
63	HSK-A63F-M16-2.48	M16	.63	.67	2.48	1.46	$238.95
	HSK-A63F-M16-3.94			.77	3.94	2.91	$258.95
	HSK-A63F-M20-2.48	M20	.79	---	2.48	1.46	$227.95
	HSK-A63F-M20-3.54			.89	3.54	2.52	$248.95
	HSK-A63F-M20-4.92			.98	4.92	3.90	$265.95
	HSK-A63F-M25-2.48	M25	.98	---	2.48	1.46	$227.95
	HSK-A63F-M25-3.54			1.06	3.54	2.52	$248.95
	HSK-A63F-M25-4.92			1.16	4.92	3.90	$265.95
	HSK-A63F-M32-3.54	M32	1.26	1.32	3.54	2.52	$248.95
	HSK-A63F-M32-4.92			1.42	4.92	3.90	$265.95

Supplied with coolant tube



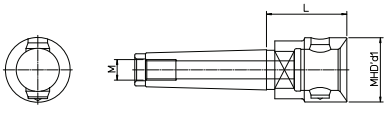
NMTB

ISO	Designation	MHD' d1	L	L1	SPECIAL
40	NMTB40-M50	M50	1.89	1.44	$186.95
	NMTB40-M63	M63	2.36	--	$227.95
50	NMTB50-M50	M50	1.89	1.30	$248.95
	NMTB50-M63	M63	2.20	1.61	$248.95
	NMTB50-M80	M80	2.36	1.77	$299.95



MORSE

MORSE	Designation	MHD' d1	L	SPECIAL
4	MT4-M50	M50	2.56	$269.95
5	MT5-M63	M63	2.56	$310.95

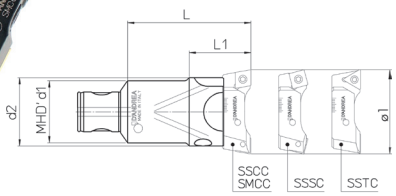


MORSE

MORSE	Designation	MHD' d1	L	M	SPECIAL
4	MT4DIN-M50	M50	2.48	M16	$269.95
4 SIP	MT4SIP-M50			M14	$269.95

TS Boring Heads/Cartridges for Roughing & Semi Finishing

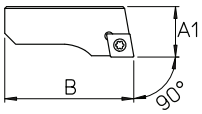
Boring Range ø .71 - 7.87



TS

D'Andrea Double Cutter Boring Heads (Cartridges sold separately)

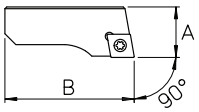
Designation	d1	Ø	d2	L	L1	SPECIAL	Cartridge
TS-16/16	M16	.71 - .87	.63	1.34	--	$227.95	S... 16
TS-20/20	M20	.87 - 1.10	.79	1.57	--	$238.95	S... 20
TS-25/25	M25	1.10 - 1.50	.98	1.97	--	$279.95	S... 25
TS-32/32	M32	1.40 - 1.97	1.26	2.48	--	$310.95	S... 32-33
TS-40/40	M40	1.97 - 2.68	1.57	3.15	--	$341.95	S... 40-41
TS-50/50	M50	2.68 - 3.54	2.17	3.94	1.97	$372.95	S... 50
TS-50/63	M50	3.54 - 4.72	2.83	3.15	2.36	$372.95	S... 63
TS-63/63	M63	3.54 - 4.72	2.83	4.92	2.48	$465.95	S... 63
TS-80/80	M80	4.72 - 6.30	3.74	5.51	2.95	$569.95	S... 80
		6.30 - 7.87					S... 90



SMCC Boring Cartridges for TS Roughing Heads

Designation	Ø¹	A	B	SPECIAL	Insert
SMCC-25	1.10 - 1.50	.48	.91	$93.95	CCMT-0602..
SMCC-32	1.40 - 1.97	.58	1.26	$103.95	
SMCC-33	1.40 - 1.97	.58	1.26	$103.95	CCMT-09T3..
SMCC-40	1.97 - 2.68	.74	1.57	$103.95	
SMCC-41	1.97 - 2.68	.74	1.57	$103.95	CCMT-1204..
SMCC-50	2.68 - 3.54	.85	2.13	$103.95	
SMCC-63	3.54 - 4.72	1.05	2.78	$186.95	
SMCC-80	4.72 - 6.30	1.25	3.72	$207.95	
SMCC-90	6.30 - 7.87	1.25	5.12	$269.95	

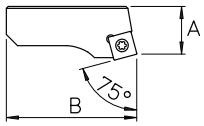
Inserts sold separately



SSCC Boring Cartridges for TS Roughing Heads

Designation	Ø¹	A	B	SPECIAL	Insert
SSCC-16	.71 - .87	.31	.59	$86.95	CCMT-0602..
SSCC-20	.87 - 1.10	.37	.75	$91.95	
SSCC-25	1.10 - 1.50	.49	.91	$93.95	
SSCC-32	1.40 - 1.97	.59	1.26	$103.95	
SSCC-33	1.40 - 1.97	.59	1.26	$103.95	CCMT-09T3..
SSCC-40	1.97 - 2.68	.75	1.57	$103.95	
SSCC-41	1.97 - 2.68	.75	1.57	$103.95	CCMT-1204..
SSCC-50	2.68 - 3.54	.87	2.13	$103.95	
SSCC-63	3.54 - 4.72	1.06	2.78	$186.95	
SSCC-80	4.72 - 6.30	1.26	3.72	$207.95	
SSCC-90	6.03 - 7.87	1.26	5.12	$269.95	

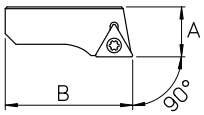
Inserts sold separately



SSSC Cartridges

Designation	Ø¹	A	B	SPECIAL	Insert
SSSC-32	1.40 - 1.97	.59	1.26	$103.95	SCMT-09T3..
SSSC-40	1.97 - 2.68	.75	1.57	$103.95	
SSSC-50	2.68 - 3.54	.87	2.13	$103.95	SCMT-1204..
SSSC-63	3.54 - 4.72	1.06	2.78	$186.95	
SSSC-80	4.72 - 6.30	1.26	3.72	$207.95	
SSSC-90	6.30 - 7.87		5.12	$269.95	

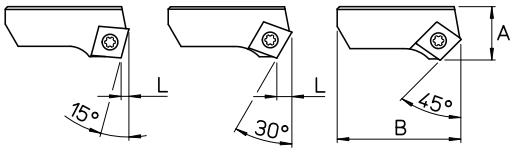
Inserts sold separately



SSTC Cartridges

Designation	Ø¹	A	B	SPECIAL	Insert
SSTC-63	3.54 - 4.72	1.06	2.78	$186.95	TCMT-2204..
SSTC-80	4.72 - 6.30	1.26	3.72	$207.95	
SSTC-90	6.30 - 7.87		5.12	$269.95	

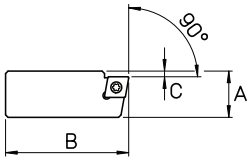
Inserts sold separately



SSSM Chamfer Cartridges for TS Roughing Heads

Designation	Range	Angle	A	B	SPECIAL	Insert
SSSM-25-15	1.02 - 1.50	15°	.49	.91	$93.95	CCMT-0602
SSSM-25-30		30°			$93.95	
SSSM-25-45		45°			$93.95	
SSSM-32-15	1.36 - 1.93	15°	.59	1.22	$103.95	CCMT-0602
SSSM-32-30		30°			$103.95	
SSSM-32-45		45°			$103.95	
SSSM-40-15	1.83 - 2.60	15°	.75	1.54	$103.95	CCMT-09T3
SSSM-40-30		30°			$103.95	
SSSM-40-45		45°			$103.95	
SSSM-50-15	2.56 - 3.46	15°	.87	2.09	$103.95	CCMT-1204
SSSM-50-30		30°			$103.95	
SSSM-50-45		45°			$103.95	

Inserts sold separately



SSQC BackBore Cartridges for TS Roughing Heads

Designation	Range	A	B	C	SPECIAL	Insert
SSQC-16	.79 - .94	.08	.63	.39	$113.95	CCMT-0602
SSQC-20	.93 - 1.18	.06	.77	.43	$124.95	
SSQC-25	1.16 - 1.57	.10	.94	.57	$124.95	
SSQC-33	1.54 - 2.05	.12	1.26	.67	$129.95	CCMT-09T3
SSQC-41	2.01 - 2.76	.14	1.65	.83	$134.95	CCMT-1204
SSQC-50	2.72 - 3.62	.14	2.24	.96	$144.95	
SSQC-63	3.58 - 4.80	.14	2.99	1.12	$238.95	
SSQC-80	4.76 - 6.38	.14	3.98	1.24	$269.95	
SSQC-90	6.34 - 7.95	.14	4.80	1.24	$351.95	

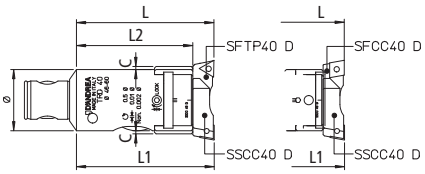
Inserts sold separately

TRD & TRC Heads for Rough & Semi Finish to Fine Finishing

TRD Double Cutters for Roughing & Precision Finishing

The double cutter TRD heads allow both roughing and high precision finishing thanks to their rigidity and the sensitivity of the sliding mechanism which can achieve a radial adjustment of 5 micron. These heads can be adjusted directly on the machine tool and easily read on the Vernier scale.

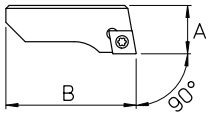
Boring Range ø 1.10 - 4.72



TRD

D'Andrea Precision Boring Heads for Roughing and Finishing

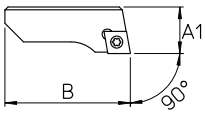
Designation	MHD	Range	L	L1	L2	C	SPECIAL
TRD-25/25	M25	1.10 - 1.42	2.21	2.22	1.83	.02	$683.95
TRD-32/32	M32	1.42 - 1.81	2.79	2.80	2.34	.02	$724.95
TRD-40/40	M40	1.81 - 2.36	3.53	3.54	2.99	.04	$755.95
TRD-50/50	M50	2.36 - 2.95	3.42	3.43	2.68	.04	$869.95
TRD-63/63	M63	2.95 - 3.74	4.28	4.29	3.33	.08	$931.95
TRD-80/80	M80	3.74 - 4.72	5.11	5.12	3.96	.08	$1,035.95



Roughing Cartridges for TRD Boring Heads

Designation	Range	A	B	SPECIAL	Insert
SSCC-25-D	1.10 - 1.42	.394	.94	$93.95	CCMT-0602__
SSCC-32-D	1.42 - 1.81	.453	1.18	$103.95	
SSCC-40-D	1.81 - 2.36	.551	1.57	$103.95	CCMT-09T3__
SSCC-50-D	2.36 - 2.95	.748	2.13	$103.95	
SSCC-63-D	2.95 - 3.74	.965	2.68	$186.95	
SSCC-80-D	3.74 - 4.72	1.161	3.43	$207.95	

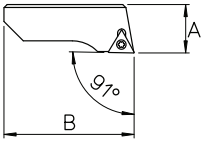
Inserts sold separately



Finishing Cartridges for TRD Boring Heads

Designation	Range	A	B	SPECIAL	Insert
SFCC-25-D	1.10 - 1.42	.386	.94	$93.95	CCGT-0602__
SFCC-32-D	1.42 - 1.81	.445	1.18	$103.95	
SFCC-40-D	1.81 - 2.36	.543	1.57	$103.95	CCGT-09T3__
SFCC-50-D	2.36 - 2.95	.740	2.13	$103.95	
SFCC-63-D	2.95 - 3.74	.957	2.68	$186.95	
SFCC-80-D	3.74 - 4.72	1.154	3.43	$207.95	

Inserts sold separately

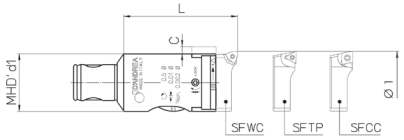


Finishing Cartridges for TRD Boring Heads

Designation	Range	A	B	SPECIAL	Insert
SFTP-25-D	1.10 - 1.42	.386	.94	$93.95	TPGX-0902__
SFTP-32-D	1.42 - 1.81	.445	1.18	$103.95	
SFTP-40-D	1.81 - 2.36	.543	1.57	$103.95	TPGX-1103__
SFTP-50-D	2.36 - 2.95	.740	2.13	$103.95	
SFTP-63-D	2.95 - 3.74	.957	2.68	$186.95	
SFTP-80-D	3.74 - 4.72	1.154	3.43	$207.95	

Inserts sold separately

Boring Range ø .10 - 7.87



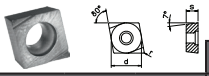
TRC

D'Andrea Precision Boring Heads for Semi-Finishing & Finishing

(Cartridges / Accessories sold separately)

Designation	MHD	Range	L	C	SPECIAL	Accessories
TRC-14/14	M14	.57 - .71	1.18	.04	$496.95	SFCW 14
TRC-16/16	M16	.71 - .94	1.34	.06	$517.95	SF.. 16
TRC-20/20	M20	.87 - 1.18	1.57	.10	$548.95	SF.. 20
TRC-25/25	M25	1.10 - 1.57	1.97	.12	$569.95	SF.. 25
TRC-32/32	M32	1.38 - 2.09	2.48	.16	$610.95	SF.. 32
TRC-40/40	M40	1.89 - 2.60	3.15	.20	$621.95	SF.. 40
TRC-50/50	M50	.098 - 1.18	TBD	.20	$683.95	B1 / B3 / B5 / B8
		1.10 - 2.13	TBD			P-25.63 / SF..25 / SF..32
		2.13 - 3.39	3.15			SF..50
		3.03 - 4.37	3.70			PS-31.24 / SF..50
TRC-63/63	M63	2.83 - 4.33	3.48	.39	$786.95	SF..50
		3.38 - 4.92	4.33			PS-31.28 / SF..50
TRC-80/80	M80	3.46 - 5.20	4.09	.47	$828.95	SF..50
		4.52 - 6.30	4.94			PS-32.28 / SF..50
		6.10 - 7.87	4.94			PS-33.28 / SF..50

CCGT Inserts

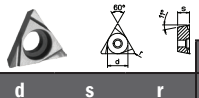


Designation	d	s	r	UTi20T	DK100	DC100	DC100T
				Uncoated Carbide		Cermet	
CCGT-060200L.10	.250	.094	--	•	•	•	•
CCGT-060202L			.008	•	•	•	•
CCGT-060204L			.016	•	•	•	•
CCGT-09T302L	.375	.157	.008	•	•	•	•
CCGT-09T304L			.016	•	•	•	•

CCMT Inserts

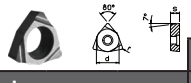
Designation	d	s	r	DP300	DK100	DP100R
				Uncoated Carbide		CVD Coated
CCMT-060202	.250	.094	.008	•		•
CCMT-060204			.016	•		•
CCMT-09T304	.375	.157	.016	•		•
CCMT-09T308			.031	•		•
CCMT-120404	.500	.187	.016	•		•
CCMT-120408			.031	•		•

TPGX Inserts



Designation	d	s	r	UTi20T	DK100	DC100	DC100T
				Uncoated Carbide		Cermet	
TPGX-090200L.10	.219	.094	--	•	•	•	•
TPGX-090202L			.008	•	•	•	•
TPGX-090204L			.016	•	•	•	•
TPGX-110300L	.250	.157	--	•	•	•	•
TPGX-110302L			.008	•	•	•	•
TPGX-110304L			.016	•	•	•	•

WCGT Inserts

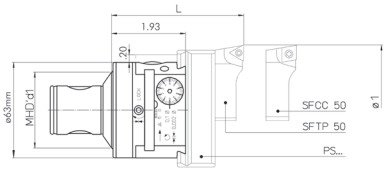


Designation	d	s	r	UTi20T	DK100	DC100	DC100T
				Uncoated Carbide		Cermet	
WCGT-020102L	.157	.063	.008	•	•	•	•
WCGT-020104L			.016	•	•	•	•

TRM Heads for Semi & Fine Finishing

TRM Heads for finish & super-finishing boring operations, .0001 (0.002mm) ø setting accuracy

Boring Range ø .24 - 19.70



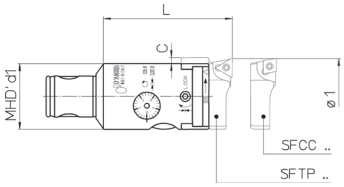
TRM

D'Andrea Precision Boring Heads for Fine Finishing

(Cartridges / Slides / Bars sold separately)

Designation	MHD	Range	L	L1	SPECIAL	Slide / Ext	Cart / Bar
TRM-50/63	M50	.24 - 1.18	--	--	$999.95	--	B3 / B5 / B8
		1.18 - 2.60	1.97	--		P-02.30	SF..25
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		1.40 - 3.03	1.97	--		P-02.30	SF..32
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		3.00 - 3.90	3.44	1.93		PS 11.30	SF..50
		3.70 - 4.90				PS 12.30	
TRM-63/63	M63	.24 - 1.18	--	--	$999.95	--	B3 / B5 / B8
		1.18 - 2.60	1.97	--		P-02.30	SF..25
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		1.40 - 3.03	1.97	--		P-02.30	SF..32
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		3.00 - 5.90	3.44	1.93		PS 11.30	SF..50
		3.70 - 4.90				PS 12.30	
TRM-50/80	M50	.24 - 1.18	--	--	$1,035.95	--	B3 / B5 / B8
		1.18 - 3.27	1.97	--		P-02.30	SF..25
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		1.40 - 3.74	1.97	--		P-02.30	SF..32
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		3.70 - 5.50	3.80	2.28		PS 12.30	SF..50
		5.50 - 6.30				PS 13.30	
TRM-80/80	M80	.24 - 1.18	--	--	$1,035.95	--	B3 / B5 / B8
		1.18 - 3.27	1.97	--		P-02.30	SF..25
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		1.40 - 3.74	1.97	--		P-02.30	SF..32
			3.15	--		P-03.30	
			4.92	--		P-04.30	
		3.70 - 5.50	3.80	2.28		PS 12.30	SF..50
		5.50 - 6.30				PS 13.30	
TRM-80/125	M80	1.42 - 4.92	3.15	--	$1,759.95	P-02.40	SF..32
			4.92	--		P-03.40	
			7.87	--		P-04.40	
		1.97 - 5.43	3.15	--		P-02.40	SF..40
			4.92	--		P-03.40	
			7.87	--		P-04.40	
		5.30 - 8.30	4.49	2.48		PS 11.40	SF..50
		8.10 - 12.20				PS 12.40	
		12.00 - 16.10				PS 13.40	SF..50
		15.90 - 19.70				PS 14.40	

Boring Range ø .10 - 4.25

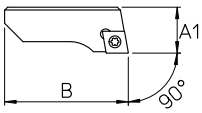


TRM

D'Andrea Precision Boring Heads for Fine Finishing

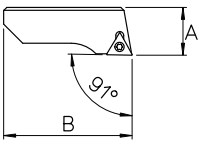
(Cartridges / Accessories sold separately)

Designation	MHD	Range	L	C	SPECIAL	Accessories
TRM-16/16	M16	.71 - .91	1.34	.04	$641.95	SF.. 16
TRM-20/20	M20	.87 - 1.14	1.57	.08	$672.95	SF.. 20
TRM-25/25	M25	1.10 - 1.50	1.97	.08	$714.95	SF.. 25
TRM-32/32	M32	1.40 - 1.97	2.48	.12	$755.95	SF.. 32
TRM-40/40	M40	1.89 - 2.48	3.15	.16	$796.95	SF.. 40
TRM-50/50	M50	.098 - 1.18	TBD	.20	$890.95	B1 / B3 / B5 / B8
		1.10 - 2.13	TBD			P-25.63 / SF..25 / SF..32
		2.13 - 3.39	3.15			SF..50
		3.03 - 4.25	3.70			PS-31.24 / SF..50



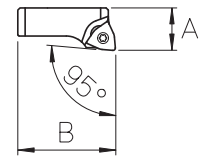
SFCC Cartridges

Designation	Range	A	B	SPECIAL	Insert
SFCC-16	.71 - .94	.31	.67	$87.95	CCGT-0602..
SFCC-20	.87 - 1.18	.33	.83	$91.95	
SFCC-25	1.10 - 1.57	.39	1.04	$93.95	CCGT-0602..
SFCC-32	1.38 - 2.09	.45	1.36	$103.95	
SFCC-40	1.89 - 2.60	.55	1.73	$103.95	CCGT-09T3..
SFCC-50	2.13 - 19.70	.75	2.05	$103.95	



SFTP Cartridges

Designation	Range	A	B	SPECIAL	Insert
SFTP-25	1.10 - 1.57	.39	1.04	$93.95	TPGX-0902..
SFTP-32	1.38 - 2.09	.45	1.36	$103.95	
SFTP-40	1.89 - 2.60	.55	1.73	$103.95	TPGX-1103..
SFTP-50	2.13 - 19.70	.75	2.05	$103.95	



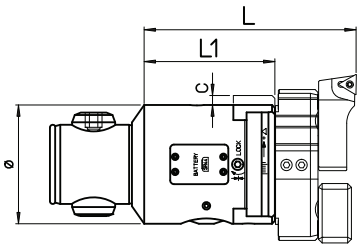
SFWC Cartridges

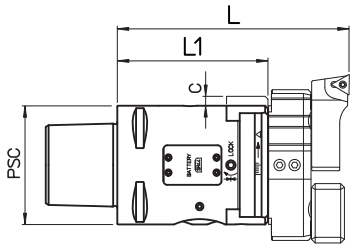
Designation	Range	A	B	SPECIAL	Insert
SFWC-14	.57 - .71	.31	.55	$93.95	WCGT-0201..

TR-E Digital Heads for Precision Finishing

- Digital read-out / Inch or Metric
- Range from .10" to 7.87" (2.5 to 200 mm)
- High precision through direct measurement of Slide movement
- Zero Backlash Compensation
- Single button operation for "On", "Reset" and to change from Inch to Metric
- Display resolution .0001" (.002 mm)
- Coolant through to IP67 Standard
- Available with MHD or PSC Coupling

TR-E Heads for finish & super-finishing boring operations, radial adjustment of 0.0001" on dial.





TR-E D'Andrea Precision Boring Heads for Fine Finishing MHD

Designation	MHD Size	Range	L	L1	C	SPECIAL	Accessories	
TR-E50/50	MHD 50	.10 - 1.18	TBD	2.40	.20	$1,599.95	B1 / B3 / B5 / B8	
		1.10 - 2.20	4.88				P-25.63	SF..25 / SF..32
		2.13 - 3.39	3.15				BM10	SF..-50
		3.15 - 4.33	3.70				PS-31.24	SF..-50
		3.62 - 4.33					PS-31.24 / CW-32	SF..-50
Designation	**MHD Size**	**Range**	**L**	**L1**	**C**	**SPECIAL**	**Accessories**	
TR-E63/63	MHD 63	.24 - 1.18	TBD	2.74	.20	$1,699.95	PS-31.28	B3 / B5 / B8
		1.10 - 2.20	6.06				PS-31.28 / P-25.63	SF..25 / SF..32
		1.57 - 2.20	6.22				P-22.28	SF..-32
		2.13 - 2.91	6.50				P-22.28	SF..-50
		2.83 - 4.06	3.48				SF..-50	
		3.39 - 4.92	4.33				PS-31.28 / CW-32	SF..-50
TR-E80/80	MHD 80	.24 - 1.18	TBD	3.33	.20	$1,899.95	PS-32.28	B3 / B5 / B8
		1.10 - 2.20	6.06				PS-32.28 / P-25.63	SF..25 / SF..32
		1.57 - 2.20	6.81				P-22.28	SF..-32
		2.13 - 3.39	7.09				P-22.28	SF..-50
		3.35 - 4.57	4.09				SF..-50	
		4.53 - 6.30	4.94				PS-32.28 / CW-32	SF..-50
		6.10 - 7.87					PS-33.28 / CW-32	SF..-50

Note! Accessories listed above are not included with head and must be ordered separately

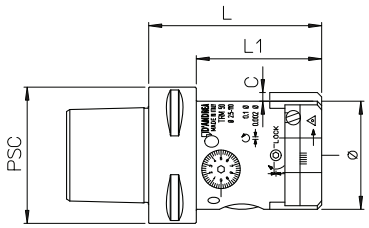
TR-E D'Andrea Precision Boring Heads for Fine Finishing PSC

Designation	PSC Size	Range	L	L1	C	SPECIAL	Accessories	
TR-E50/PSC50	PSC 50	.10 - 1.18	TBD	3.15	.20	$1,699.95	B1 / B3 / B5 / B8	
		1.10 - 2.20	5.63				P-25.63	SF..25 / SF..32
		2.13 - 3.39	3.90				BM10	SF..-50
		3.15 - 4.33	4.45				PS-31.24	SF..-50
		3.62 - 4.33					PS-31.24 / CW-32	SF..-50
Designation	**PSC Size**	**Range**	**L**	**L1**	**c**	**SPECIAL**	**Accessories**	
TR-E63/PSC63	PSC 63	.24 - 1.18	TBD	3.15	.20	$1,799.95	PS-31.28	B3 / B5 / B8
		1.10 - 2.20	6.48				PS-31.28 / P-25.63	SF..25 / SF..32
		1.57 - 2.20	6.63				P-22.28	SF..-32
		2.13 - 2.91	6.91				P-22.28	SF..-50
		2.83 - 4.06	3.90				SF..-50	
		3.39 - 4.92	4.74				PS-31.28 / CW-32	SF..-50
TR-E80/PSC80	PSC 80	.24 - 1.18	TBD	4.01	.20	$1,999.95	PS-32.28	B3 / B5 / B8
		1.10 - 2.20	7.34				PS-32.28 / P-25.63	SF..25 / SF..32
		1.57 - 2.20	7.50				P-22.28	SF..-32
		2.13 - 3.39	7.78				P-22.28	SF..-50
		3.35 - 4.57	4.78				SF..-50	
		4.53 - 6.30	5.63				PS-32.28 / CW-32	SF..-50
		6.10 - 7.87					PS-33.28 / CW-32	SF..-50

Note! Accessories listed above are not included with head and must be ordered separately

TRM Heads with PSC Shanks for Semi & Fine Finishing

TRM Heads for finish & super-finishing boring operations, .0001" (0.002mm) ø setting accuracy



TRM-50/PSC40 Head — Range .10" to 4.25" — $931.95

Designation	PSC Size	Ø	L	L1	C	Accessories*	
TRM-50/PSC40	PSC40	.10 - .24	TBD	2.36	.16	D08-16	B1
		.24 - 1.18	TBD			B3 / B5 / B8	
		1.10 - 2.20	5.69			P25.63	SF..25 / SF32
		2.13 - 3.31	3.90			BM10	SF..-50
		3.15 - 4.25	4.45			PS-31.24	SF..-50
		3.62 - 4.25				PS-31.24 / CW-32	SF..-50

TRM-50/PSC50 Head — Range .10" to 4.25" — $931.95

Designation	PSC Size	Ø	L	L1	C	Accessories*	
TRM-50/PSC50	PSC50	.10 - .24	TBD	2.36	.16	D08-16	B1
		.24 - 1.18	TBD			B3 / B5 / B8	
		1.10 - 2.20	5.69			P25.63	SF..25 / SF32
		2.13 - 3.31	3.90			BM10	SF..-50
		3.15 - 4.25	4.45			PS-31.24	SF..-50
		3.62 - 4.25				PS-31.24 / CW-32	SF..-50

TRM-50/PSC63 Head — Range .10" to 4.25" — $988.95

Designation	PSC Size	Ø	L	L1	C	Accessories*	
TRM-50/PSC63	PSC63	.10 - .24	TBD	2.28	.16	D08-16	B1
		.24 - 1.18	TBD			B3 / B5 / B8	
		1.10 - 2.20	5.69			P25.63	SF..25 / SF32
		2.13 - 3.31	3.90			BM10	SF..-50
		3.15 - 4.25	4.45			PS-31.24	SF..-50
		3.62 - 4.25				PS-31.24 / CW-32	SF..-50

TRM-63/PSC63 Head — Range .10" to 4.92" — $1,035.95

Designation	PSC Size	Ø	L	L1	C	Accessories*	
TRM-63/PSC63	PSC63	.10 - .24	TBD	---	.20	P-20.30 / D08.16	B1
		.24 - 1.18	TBD			B3 / B5 / B8	
		1.18 - 3.03	5.00			P-02.30	SF..25 / SF32
			6.18			P-03.30	SF..25 / SF32
		3.03 - 4.92	4.27			PS-11.30	SF..-50

TRM-80/PSC80 Head — Range .10" to 8.66" — $1,138.95

Designation	PSC Size	Ø	L	C	Accessories*	
TRM-80/PSC80	PSC80	.10 - .24	TBD	.20	P-20.30 / D08.16	B1
		.24 - 1.18	TBD		PS-32.28	B3 / B5 / B8
		1.18 - 3.74	5.59		P-02.30	SF..25 / SF32
			6.77		P-03.30	SF..25 / SF32
			8.54		P-04.30	SF..25 / SF32
		3.74 - 5.51	4.86		PS-12.30	SF..-50
		5.51 - 8.66			PS-13.30	SF..-50

Note! Accessories listed above are not included with head and must be ordered separately

D'Andrea PSC (Polygon) shank tooling is manufactured to ISO 26623-2 and is completely interchangeable with the Sandvik CAPTO* tooling system. Using these PSC holders then permits you to use the complete D'Andrea Modular MHD boring system in your machine tools. The shank crossovers are as listed below:

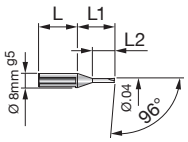
CAPTO	D'Andrea PSC
C4	PSC40
C5	PSC50
C6	PSC63
C8	PSC80
C10	PSC100

* Sandvik & CAPTO are registered trademarks of Sandvik Intellectual Property AB

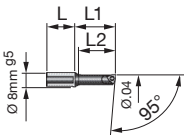
Complete offerings of PSC Tools available:

- PSC Arbours
- PSC Extensions
- PSC Reducers
- PSC Blanks
  - 28Rc & 42Rc
- PSC Turning Tools
- PSC ShrinkFit (Metric Only)
- PSC Precision Boring Heads

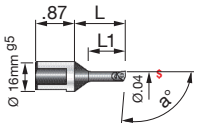
Boring Bars and Accessories



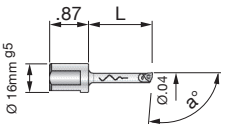
Designation	Ø¹	L	L1	L2	SPECIAL
B1.02	.10 - .16	.87	.83	.49	$103.95
B1.04	.16 - .24	.94	.94	--	$103.95



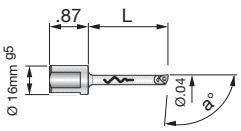
Designation	Ø¹	L	L1	L2	SPECIAL	Insert	Insert
B1.06	.24 - .31	.63	.91	.83	$93.95	WCGT-0201..	--
B1.08	.31 - .39	.63	1.10	--	$93.95		
B1.10	.39 - .47	.63	1.42	--	$93.95	--	TPGX-0902



Designation	Ø¹	L	L1	a°	SPECIAL	Insert	Insert
B3.06	.24 - .31	1.14	.83	95°	$98.95	WCGT-0201..	--
B3.08	.31 - .39	1.42	1.10	95°	$103.95		
B3.10	.39 - .47	1.69	1.38	93°	$113.95	--	TPGX-0902..
B3.11	.43 - .51	1.89	1.57	95°	$113.95		
B3.12	.47 - .55	1.89	1.65	95°	$119.95		
B3.14	.55 - .63	2.05	1.97	95°	$124.95		
B3.16	.63 - .71	2.28	1.97	95°	$126.95		
B3.18	.71 - .87	2.48	--	95°	$134.95		
B3.22	.87 - 1.18	2.68	--	95°	$138.95		

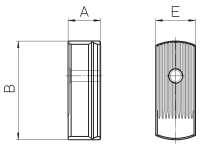


Designation	Ø¹	L	a°	SPECIAL	Insert	Insert
B5.06	.24 - .31	1.42	95°	$248.95	WCGT-0201..	--
B5.08	.31 - .39	1.89	95°	$279.95		
B5.10	.39 - .47	2.36	93°	$310.95	--	TPGX-0902..
B5.12	.47 - .55	2.83	95°	$341.95		
B5.14	.55 - .63	3.31	95°	$367.95		
B5.16	.63 - .71	3.78	95°	$414.95		



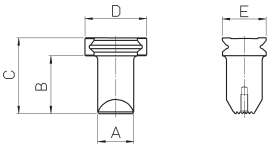
Designation	Ø¹	L	a°	SPECIAL	Insert	Insert
B8.06	.24 - .31	1.77	95°	$445.95	WCGT-0201..	--
B8.08	.31 - .39	2.36	95°	$455.95		
B8.10	.39 - .47	2.95	93°	$496.95	--	TPGX-0902..
B8.12	.47 - .55	3.54	95°	$538.95		
B8.14	.55 - .63	4.13	95°	$599.95		
B8.16	.63 - .71	4.72	95°	$662.95		

Tool Slide



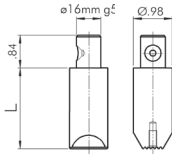
Designation	A	B	E	SPECIAL
PS-11.30	.98	2.95	1.20	$129.95
PS-12.30	.98	3.66	1.20	$144.95
PS-13.30	.98	5.31	1.20	$207.95
PS-11.40	1.57	5.24	1.57	$207.95
PS-12.40	1.57	7.87	1.57	$238.95
PS-13.40	1.57	11.81	1.57	$310.95
PS-14.40	1.57	15.75	1.57	$465.95

Toolholder Extension



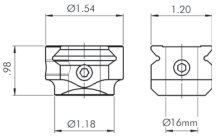
Designation	A	B	C	D	E	SPECIAL
P-02.30	.98	1.57	2.07	1.69	1.20	$103.95
P-03.30	.98	2.76	3.25	1.69	1.20	$116.95
P-04.30	1.06	4.53	5.02	1.69	1.20	$165.95
P-02.40	1.26	2.72	3.39	2.20	1.57	$144.95
P-03.40	1.26	4.49	5.16	2.20	1.57	$155.95
P-04.40	1.50	7.44	8.11	2.20	1.57	$227.95

Toolholder Extension



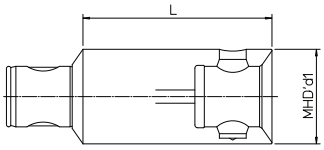
Designation	L	SPECIAL
P-25.63	2.09	$93.95
P-25.105	3.74	$134.95

Boring Bar Holder



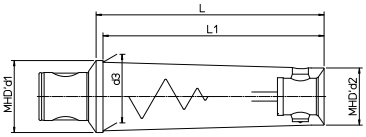
Designation	SPECIAL
P-20.30	$103.95

MHD Extensions & Reducers



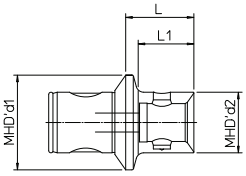
Extensions

Designation	MHD d1	L	SPECIAL
PR-14.25	M14	.98	$134.95
PR-16.25	M16	.98	$134.95
PR-20.32	M20	1.26	$134.95
PR-25.25	M25	.98	$134.95
PR-25.40		1.57	$134.95
PR-32.32	M32	1.26	$134.95
PR-32.50		1.97	$144.95
PR-40.40	M40	1.57	$144.95
PR-40.63		2.48	$150.95
PR-50.50	M50	1.97	$150.95
PR-50.80		3.15	$165.95
PR-50.100		3.94	$175.95
PR-63.63	M63	2.48	$175.95
PR-63.100		3.94	$196.95
PR-63.125		4.92	$207.95
PR-80.80	M80	3.15	$248.95
PR-80.125		4.92	$269.95
PR-80.160		6.30	$289.95
PR-110.140	M110	5.51	$621.95
PR-110.200		7.87	$641.95
PR-140.140	M140	5.51	$724.95
PR-140.250		9.84	$931.95



MHD - RAV Heavy Metal Reducer

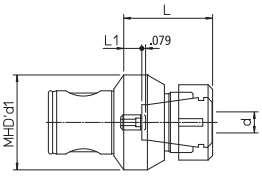
Designation	MHD d1	MHD d2	d3	L	L1	SPECIAL
RAV-50/16.74	M50	16	.69	2.91	2.56	$310.95
RAV-50/20.93		20	.85	3.66	3.35	$341.95
RAV-50/25.117		25	1.06	4.61	4.33	$414.95
RAV-50/32.144		32	1.38	5.97	5.43	$610.95
RAV-50/40.176		40	1.85	6.93	6.69	$931.95
RAV-63/50.220	M63	50	2.36	8.66	8.43	$1,656.95
RAV-80/63.280	M80	63	3.03	11.02	10.71	$3,415.95



Reducers

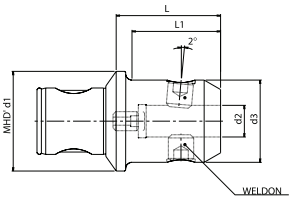
Designation	MHD d1	MHD d2	L	L1	SPECIAL
RD-16/14.25	M16	M14	.98	.77	$134.95
RD-20/14.20	M20	M14	.79	.57	$134.95
RD-20/16.20		M16	.79	.63	$134.95
RD-25/14.20	M25	M14	.79	.53	$134.95
RD-25/16.20		M16	.79	.59	$134.95
RD-25/20.25		M20	.98	.79	$134.95
RD-32/14.25	M32	M14	.98	.69	$134.95
RD-32/16.24		M16	.94	.71	$134.95
RD-32/20.25		M20	.98	.79	$134.95
RD-32/25.28		M25	1.10	.91	$134.95
RD-40/14.25	M40	M14	.98	.65	$144.95
RD-40/16.24		M16	.94	.67	$144.95
RD-40/20.26		M20	1.02	.79	$144.95
RD-40/25.28		M25	1.10	.87	$144.95
RD-40/32.32		M32	1.26	1.06	$144.95
RD-50/14.25	M50	M14	.98	.57	$155.95
RD-50/14.40		M14	1.57	1.16	$186.95
RD-50/16.24		M16	.94	.59	$155.95
RD-50/16.40		M16	1.57	1.26	$175.95
RD-50/16.74		M16	2.91	2.56	$207.95
RD-50/20.26		M20	1.02	.71	$155.95
RD-50/20.70		M20	2.76	2.44	$186.95
RD-50/20.93		M20	3.66	3.35	$207.95
RD-50/25.28		M25	1.10	.83	$155.95
RD-50/25.87		M25	3.43	3.15	$196.95
RD-50/25.117		M25	4.61	4.33	$217.95
RD-50/32.32		M32	1.26	.98	$165.95
RD-50/32.87		M32	3.43	3.15	$207.95
RD-50/32.144		M32	5.67	5.39	$217.95
RD-50/40.36		M40	1.42	1.18	$165.95
RD-50/40.87		M40	3.43	3.15	$207.95
RD-50/40.176		M40	6.93	6.69	$238.95
RD-50/63.56	M50	M63	2.20	--	$165.95
RD-63/50.40	M63	M50	1.57	1.34	$165.95
RD-80/50.45	M80	M50	1.77	1.42	$217.95
RD-80/63.60		M63	2.36	2.05	$217.95
RD-110/80.70	M110	M80	2.76	2.05	$621.95
RD-140/80.70	M140	M80	2.76	2.01	$724.95

MHD Holders and Accessories



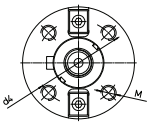
MHD ER Collet Chucks

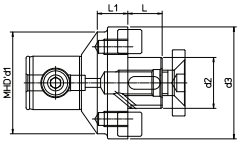
Designation	MHD	Range	Collets	L	Wrench	SPECIAL
PE-16/ER11M	M16	.02 - .28	ER11	.98	E11M	$140.95
PE-20/ER16M	M20	.02 - .39	ER16	1.26	E16M	$144.95
PE-25/ER20M	M25	.04 - .51	ER20	1.57	E20M	$151.95
PE-32/ER25M	M32	.04 - .63	ER25	1.65	E25M	$151.95
PE-40/ER25	M40	.04 - .63		1.77	E25	$155.95
PE-50/ER25	M50	.04 - .63		1.89		$165.95
PE-50/ER32		.08 - .79	ER32	2.17	E32	$165.95
PE-63/ER32	M63	.08 - .79		2.32		$175.95
PE-63/ER40		.12 - 1.02	ER40	2.52	E40	$196.95



MHD Weldon Shank End Mill Holders

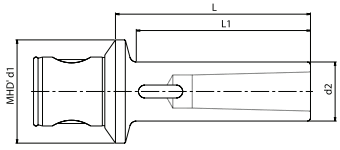
Designation	MHD d1	d2	d3	L	L1	SPECIAL
AW-50-1/4	M50	1/4"	.98	1.38	.93	$150.95
AW-50-3/8		3/8"	1.38	2.05	1.65	$150.95
AW-50-1/2		1/2"	1.65	2.24	1.89	$150.95
AW-50-5/8		5/8"	1.89	2.64	2.40	$150.95
AW-50-3/4		3/4"	1.97		---	$150.95
AW-63-1/2	M63	1/2"	1.65	2.24	1.89	$165.95
AW-63-5/8		5/8"	1.89	2.52	2.09	$165.95
AW-63-3/4		3/4"	1.97	2.60	2.20	$165.95
AW-63-1		1.00"	2.48	3.07	---	$165.95
AW-63-1.1/4		1.1/4"	2.76			$186.95
AW-80-1.1/2	M80	1.1/2"	3.15	3.27	---	$227.95
AW-80-2		2.00"	3.74	3.94		$227.95





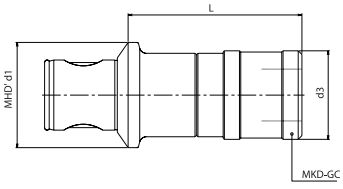
MHD Shell Mill Holders

Designation	MHD	d2	d3	L	L1	SPECIAL
PFS-40-3/4	M40	.750	1.57	.75	.51	$165.95
PF-50-3/4	M50	.750	1.57	.68	.59	$165.95
PF-50-1		1.000	1.96	.68	.59	$165.95
PF-63-3/4	M63	.750	1.57	.68	.65	$175.95
PF-63-1		1.000	2.36	.68	.59	$175.95
PF-63-1.1/4		1.250	2.75	.68	.75	$196.95
PF-80-1.1/2	M80	1.500	3.46	.94	.94	$238.95
PF-80-2		2.000	3.85	.94	1.06	$238.95



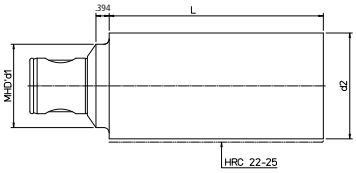
MHD Morse Taper Holders

Designation	MHD d1	MORSE	d2	L	L1	SPECIAL
CM-50/1	M50	MT1	.79	3.15	2.68	$186.95
CM-50/2		MT2	1.18	3.94	3.39	$207.95
CM-50/3		MT3	1.42	4.72	4.33	$227.95
CM-63/3	M63	MT3	1.42	4.72	4.25	$227.95
CM-63/4		MT4	1.89	5.91	5.24	$248.95



MHD Tapping Chuck Holders

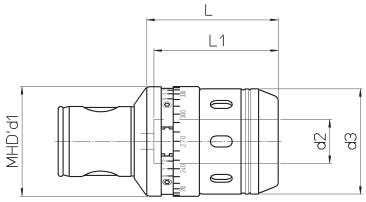
Designation	MHD d1	Capacity	Adapter Size	L	d3	SPECIAL
AM-50/M3-12	M50	M3-M12	1	2.83	1.42	$465.95
AM-50/M8-20		M8-M20	2	4.17	2.09	$486.95
AM-63/M3-12	M63	M3-M12	1	2.76	1.42	$465.95
AM-63/M8-20		M8-M20	2	4.09	2.09	$496.95



MHD Standard Blanks HRc 22 - 25

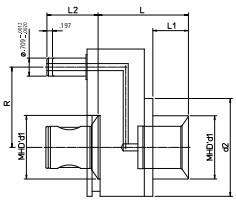
Designation	MHD d1	d2	L	kg	SPECIAL
NS-50	M50	2.48	6.30	4.20	$248.95
NS-63	M63	3.15	7.87	8.70	$351.95
NS-80	M80	3.94	9.84	16.00	$445.95
NS-110	M110	5.12	9.84	18.00	$724.95
NS-140	M140	5.91	9.84	30.00	$931.95

MHD Milling Chucks & Coolant Chucking Tools



Ultra-Tight FORCE Milling Chuck

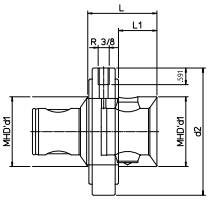
Designation	MHD d1	d2	d3	L	SPECIAL	Wrench
AMC-M50-0750-TR	M50	.750	1.89	2.36	$399.95	WR-MC075
AMC-M50-20MM-TR		20 MM			$399.95	
AMC-M63-1250-TR	M63	1.250	2.60	3.15	$485.95	WR-MC125
AMC-M63-32MM-TR		32 MM			$485.95	



Coolant Chucking Tools ACR/NC

Designation	MHD d1	R	d2	L	Max RPM	SPECIAL
ACR/NC-50/50-R.65	M50	65 MM	3.15	2.83	7000	$1,614.95
ACR/NC-50/50-R.80		80 MM				$1,614.95
ACR/NC-63/63-R.80	M63	80 MM	3.94	3.46	5600	$1,759.95

Please note. Max coolant pressure 10 Bar



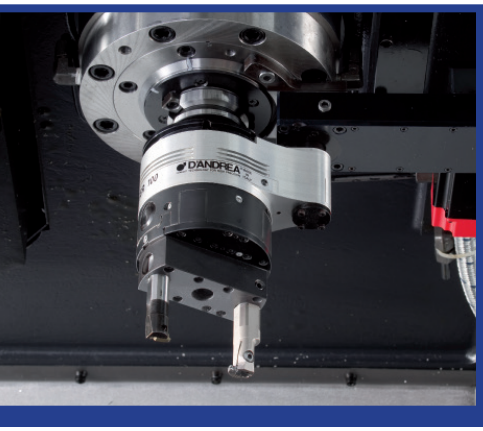
Coolant Chucking Tools ACR

Designation	MHD d1	d2	L	L1	Max RPM	SPECIAL
ACR-63/63	M63	4.53	2.48	1.38	3500	$621.95

Please note. Max coolant pressure 10 Bar

D'ANDREA TA-CENTER

Standard tools can be mounted on D'ANDREA toolholders to perform simple machining and multiples of internal and external turning operations, taper and variable boring, concave and convex radius machining, grooves, cylindrical and conical threading, facing, complex profiles etc.



TYSON TOOL®

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