CAPTO-COMPATIBLE* HOLDERS

THE C4, C5, AND C6 HOLDERS YOU NEED - TECHNIKS CERTIFIED.



ER Collet Chucks



End Mill Holders



ShrinkFIT



Face Mill
Arbors



Turning Tools & Inserts



SlimFIT Holders

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CAPTO-COMPATIBLE* COLLET CHUCKS

pg. 229 pg. 236 pg. 238



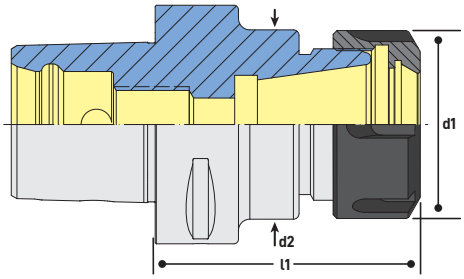


For turn/mill machines that accept "PSC" style toolholders.

Coolant-thru is standard feature.

FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum T.I.R. 0.0001" measured from taper to collet pocket**
- **PowerCOAT Nut included and increases holding power by 75%**



C4 ER COLLET CHUCKS

Part No.	Description	l1	d1	d2	Max Shank	Wrench
141.122.16.070	C4 x ER16 - 70mm	70mm	28mm	28mm	10mm	04609
141.122.25.052	C4 x ER25 - 52mm	52mm	42mm	42mm	16mm	04615
141.122.32.054	C4 x ER32 - 54mm	54mm	50mm	50mm	20mm	04616

C5 ER COLLET CHUCKS

Part No.	Description	l1	d1	d2	Max Shank	Wrench
142.122.16.100	C5 x ER16 - 100mm	100mm	28mm	28mm	10mm	04609
142.122.25.055	C5 x ER25 - 55mm	55mm	42mm	42mm	16mm	04615
142.122.32.057	C5 x ER 32 - 57mm	57mm	50mm	50mm	20mm	04616

C6 ER COLLET CHUCKS

Part No.	Description	l1	d1	d2	Max Shank	Wrench
143.122.16.100	C6 x ER16 - 100mm	100mm	28mm	28mm	10mm	04609
143.122.25.060	C6 x ER25 - 60mm	60mm	42mm	42mm	16mm	04615
143.122.32.070	C6 x ER32 - 70mm	70mm	50mm	50mm	20mm	04616
143.122.40.065	C6 x ER40 - 65mm	65mm	63mm	63mm	26mm	04617
143.123.08.600	C6 x ER8M - 6" mini nut	6"	.47"	.63"	.187"	04620
143.123.11.600	C6 x ER11M - 6" mini nut	6"	.75"	.79"	.275"	04621
143.123.16.600	C6 x ER16M - 6" mini nut	6"	.87"	.98"	.406"	04622
143.123.20.600	C6 x ER20M - 6" mini nut	6"	1.10"	1.26"	.512"	04623

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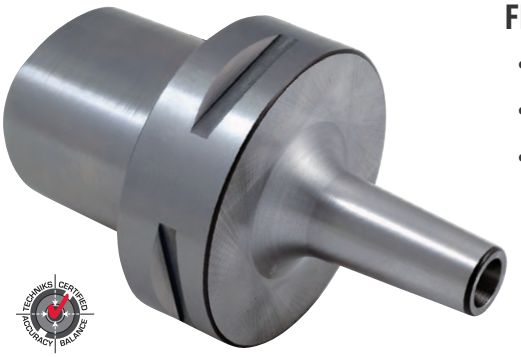
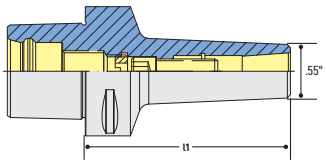
CAPTO-COMPATIBLE* SLIMFIT CHUCKS



FEATURES

- .550" nose diameters
- Balanced to 25,000 RPM at G2.5
- "On-Size" noncollapsible collets





For turn/mill machines that accept "PSC" style toolholders.

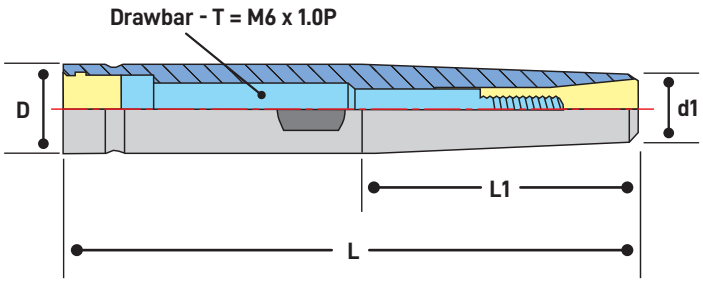
Coolant-thru is standard feature.

C4 & C6 SLIMFIT COLLET CHUCKS

Part No.	Description	l1	Drawbar
141.648.06.075	C4 x SBL 6 - 75mm	75mm	SBL-M6CT-20
143.648.06.080	C6 x SBL 6 - 80mm	80mm	SBL-M6CT-20







SLIMFIT EXTENSIONS

Part No.	Description	D	L	l1	d1
06032-3	1/2" x OLP6-3" extension	1/2"	3"	1.89"	.48
06032	1/2" x OLP6-5" extension	1/2"	5"	1.89"	.48
06034	1/2" x OLP6-6" extension	1/2"	6"	1.89"	.48
06038	5/8" x OLP6-5" extension	5/8"	5"	1.89"	.48
06040	5/8" x OLP6-6" extension	5/8"	6"	1.89"	.48
06042	5/8" x OLP6-8" extension	5/8"	8"	1.89"	.48

Note: Extensions Fit 1/2" or 5/8" Toolholders

SLIMFIT COLLETS

Part No.	Description
18851-3/32	SlimFIT 6 - 3/32" collet
18851-7/64	SlimFIT 6 - 7/64" collet
18851-1/8	SlimFIT 6 - 1/8" collet
18851-9/64	SlimFIT 6 - 9/64" collet
18851-5/32	SlimFIT 6 - 5/32" collet
18851-11/64	SlimFIT 6 - 11/64" collet
18851-3/16	SlimFIT 6 - 3/16" collet
18851-13/64	SlimFIT 6 - 13/64" collet
18851-7/32	SlimFIT 6 - 7/32" collet
18851-15/64	SlimFIT 6 - 15/64" collet
18851-1/4	SlimFIT 6 - 1/4" collet
18851-02	SlimFIT 6 - 2mm collet
18851-03	SlimFIT 6 - 3mm collet
18851-04	SlimFIT 6 - 4mm collet
18851-05	SlimFIT 6 - 5mm collet
18851-05.5	SlimFIT 6 - 5.5mm collet
18851-06	SlimFIT 6 - 6mm collet
Collet Set	18851-12IMS

CAPTO-COMPATIBLE* ENDMILL HOLDERS

pg. 229 pg. 236 pg. 238



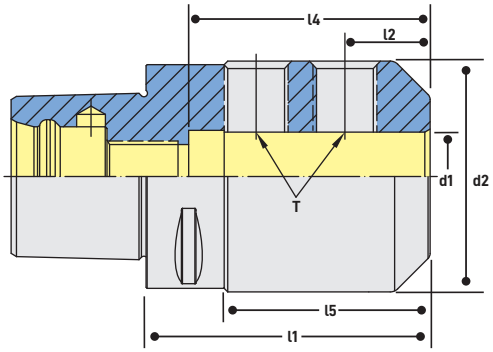


For turn/mill machines that accept "PSC" style toolholders.

Coolant-thru is standard feature.

FEATURES

- Extends cutting tool life 60%
- Balanced to 15,000 RPM at G6.3
- High precision bore (H5) is best in the industry



C4 ENDMILL HOLDERS

Part No.	Description	l1	l2	l4	l5	d1	d2	T
141.653.54.197	C4 x SLN 1/4" - 1.97"	1.97"	.63"	1.38"	1"	1/4"	.78"	1/4-28"
141.653.55.197	C4 x SLN 5/16" - 1.97"	1.97"	.63"	1.38"	1.02"	5/16"	.88"	5/16-24"
141.653.56.197	C4 x SLN 3/8" - 1.97"	1.97"	.75"	1.535"	1.08"	3/8"	1"	3/8-24"
141.653.58.217	C4 x SLN 1/2" - 2.17"	2.17"	.875"	1.732"	1.42"	1/2"	1.25"	7/16-20"
141.653.61.217	C4 x SLN 5/8" - 2.17"	2.17"	.875"	1.732"	1.54"	5/8"	1.5"	7/16-20"

C6 ENDMILL HOLDERS

Part No.	Description	l1	l2	l4	l5	d1	d2	T
143.653.54.217	C6 x SLN 1/4" - 2.17"	2.17"	.63"	1.38"	.984"	1/4"	.78"	1/4-28"
143.653.55.217	C6 x SLN 5/16" - 2.17"	2.17"	.63"	1.38"	1.024"	5/16"	.88"	5/16-24"
143.653.56.236	C6 x SLN 3/8" - 2.36"	2.36"	.75"	1.535"	1.181"	3/8"	1"	3/8-24"
143.653.58.236	C6 x SLN 1/2" - 2.36"	2.36"	.875"	1.732"	1.299"	1/2"	1.25"	7/16-20"
143.653.61.256	C6 x SLN 5/8" - 2.56"	2.56"	.937"	1.732"	1.398"	5/8"	1.5"	1/2-20"
143.653.64.256	C6 x SLN 3/4" - 2.56"	2.56"	1"	1.929"	1.476"	3/4"	1.75"	5/8-18"
143.653.68.315	C6 x SLN 1" - 3.15"	3.15"	1.125"	2.559"	2.283"	1"	2"	3/4-16"
143.653.72.354	C6 x SLN 1-1/4" - 3.54"	3.54"	1.125"	2.559"	2.677"	1-1/4"	2.5"	3/4-16"

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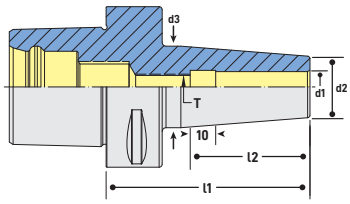
CAPTO-COMPATIBLE* SHRINKFIT HOLDERS



FEATURES

- Maximum T.I.R. only 0.0001"
- Balanced to 25,000 RPM at G2.5
- Superior rigidity and holding power



C4 SHRINKFIT CHUCKS

Part No.	Description	l1	l2	d1	d2	d3	T	Coolant Stop Screw
141.651.54.295	C4 x SF 1/4" – 2.95"	2.95"	1.41"	1/4"	.83"	1.06"	M5 x .8P	16080C-20
141.651.55.295	C4 x SF 5/16" – 2.95"	2.95"	1.41"	5/16"	.83"	1.06"	M6 x 1.0P	16081C-20
141.651.56.295	C4 x SF 3/8" – 2.95"	2.95"	1.61"	3/8"	.95"	1.26"	M8 x 1.25P	16082C-20
141.651.58.295	C4 x SF 1/2" – 2.95"	2.95"	1.81"	1/2"	1.10"	1.34"	M10 x 1.5P	16083C-20
141.651.61.315	C4 x SF 5/8" – 3.15"	3.15"	1.93"	5/8"	1.06"	1.34"	M12 x 1.75P	16085C-20

C5 SHRINKFIT CHUCKS

Part No.	Description	l1	l2	d1	d2	d3	T	Coolant Stop Screw
142.651.52.315	C5 x SF 1/8 – 80mm	3.15"	1.5"	1/8"	.63"	.87"	M6 x 1.0P	16081C-20
142.651.53.315	C5 x SF 3/16 – 80mm	3.15"	1.5"	3/16"	.63"	.87"	M6 x 1.0P	16081C-20
142.651.54.315	C5 x SF 1/4 – 80mm	3.15"	1.5"	1/4"	.83"	1.06"	M5 x .8P	16080C-20
142.651.56.315	C5 x SF 3/8 – 80mm	3.15"	2"	3/8"	.95"	1.26"	M8 x 1.25P	16082C-20
142.651.58.315	C5 x SF 1/2 – 80mm	3.15"	1.5"	1/2"	1.10"	1.34"	M10 x 1.5P	16083C-20
142.651.61.315	C5 x SF 5/8 – 80mm	3.15"	1.75"	5/8"	1.06"	1.34"	M12 x 1.75P	16085C-20
142.651.64.315	C5 x SF 3/4 – 80mm	3.15"	1.5"	3/4"	1.42"	1.65"	M16 x 2.0P	16089C-20

C6 SHRINKFIT CHUCKS

Part No.	Description	l1	l2	d1	d2	d3	T	Coolant Stop Screw
143.651.52.300	C6 x SF 1/8" – 3"	3"	1.77"	1/8"	.36"	.64"	M6 x 1.0P	16081C-20
143.651.53.300	C6 x SF 3/16" – 3"	3"	1.77"	3/16"	.43"	.70"	M6 x 1.0P	16081C-20
143.651.54.315	C6 x SF 1/4" – 3.15"	3.15"	1.41"	1/4"	.83"	1.06"	M5 x .8P	16080C-20
143.651.55.315	C6 x SF 5/16" – 3.15"	3.15"	1.41"	5/16"	.83"	1.06"	M6 x 1.0P	16081C-20
143.651.56.315	C6 x SF 3/8" – 3.15"	3.15"	1.61"	3/8"	.95"	1.26"	M8 x 1.25P	16082C-20
143.651.58.315	C6 x SF 1/2" – 3.15"	3.15"	1.81"	1/2"	1.10"	1.34"	M10 x 1.5P	16083C-20
143.651.61.335	C6 x SF 5/8" – 3.35"	3.35"	1.93"	5/8"	1.06"	1.34"	M12 x 1.75P	16085C-20
143.651.64.335	C6 x SF 3/4" – 3.35"	3.35"	2"	3/4"	1.26"	1.65"	M16 x 2.0P	16089C-20
143.651.68.354	C6 x SF 1" – 3.54"	3.54"	2.24"	1"	1.73"	2.08"	M16 x 2.0P	16089C-20
143.651.72.374	C6 x SF 1-1/4" – 3.74"	3.74"	2.4"	1-1/4"	1.73"	2.08"	M16 x 2.0P	16089C-20

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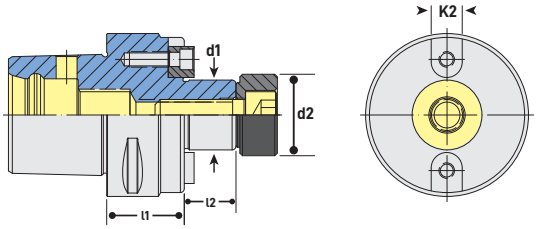
CAPTO-COMPATIBLE* FACE MILL ARBORS

pg. 229 pg. 236 pg. 238



FEATURES

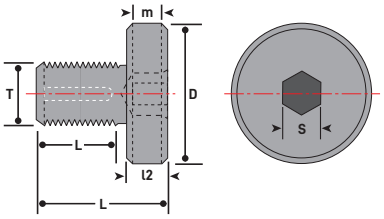
- Compatible with all face mills
- H6 arbor tolerance for less chatter & better tool life



C4, C5, C6 FACE MILL ARBORS

Part No.	Description	l1	l2	d1	d2	k2
141.151.64.100	C4 x FMA 3/4" - 1"	1"	.69"	3/4"	.88"	.314"
142.151.68.157	C5 x FMA 1" - 1.57"	1.57"	.69"	1"	1.24"	.375"
143.151.64.100	C6 x FMA 3/4" - 1"	1"	.69"	3/4"	.88"	.314"
143.151.68.200	C6 x FMA 1" - 2"	2"	.69"	1"	1.24"	.375"
143.151.72.200	C6 x FMA 1-1/4" - 2"	2"	.69"	1-1/4"	1.614"	.5"







CoolBLAST arbor screw provides coolant path.

COOLBLAST COOLANT ARBOR SCREWS

Part No.	Description	Arbor Size	D	L	l1	l2	T	S	m
WF.C1-.75-1.75	CoolBLAST arbor screw 3/4"	3/4"	7/8"	1.8"	1.4"	.37"	3/8"-24UNF	1/4"	.197"
9851125	CAS-A-.75 Smaller "D"	3/4"	5/8"	1.375"	1"	.36"	3/8-24 UNF	1/4"	.37"
WF.C1-1-1.75	CoolBLAST arbor screw 1.0"	1"	1-3/16"	1.4"	.81"	.37"	1/2"-20UNF	5/16"	.197"
9851135	CAS-A-1.00 Smaller "D"	1"	3/4"	1.375"	1"	.38"	1/2-20UNF	5/16"	.37"
WF.C1-1.25-1.75	CoolBLAST arbor screw 1-1/4"	1-1/4"	1-1/2"	1.44"	.94"	.5"	5/8"-18UNF	5/16"	.236"

STANDARD ARBOR SCREWS

Part No.	Description	Arbor Size	D	L	l1	l2	T	S	m
WF.75-1.75	FMA arbor screw 3/4"	3/4"	7/8"	1.8"	1.4"	.37"	3/8"-24UNF	1/4"	.197"
WF1-1.75	FMA arbor screw 1"	1"	1-3/16"	1.4"	.81"	.37"	1/2"-20UNF	5/16"	.197"
WF1.25-1.75	FMA arbor screw 1-1/4"	1-1/4"	1-1/2"	1.44"	.94"	.5"	5/8"-18UNF	5/16"	.236"

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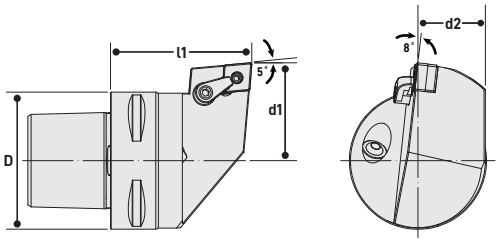
CAPTO-COMPATIBLE* TURNING TOOLS





C6 MCLN

Part No.	Description	l1	D	d1	d2	Insert	Clamp	Shim	Screw	Lock Pin
143.475.12L.065	C6 - MCLNL-DX12	65mm	63mm	45mm	31mm	CN_ _43_	MC620	CMS432	MS630	MLP46-A
143.475.12R.065	C6 - MCLNR-DX12	65mm	63mm	45mm	31mm	CN_ _43_	MC620	CMS432	MS630	MLP46-A

CNMG INSERTS FOR NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
6607029	CNMG431-NN	LT10	.016	finishing	P-M-K-S-H
6608011	CNMG431-NN	LT1000	.016	finishing	P-M-K-S-H
6607033	CNMG432-NN	LT10	.031	general	P-M-K-S-H
6608016	CNMG432-NN	LT1000	.031	general	P-M-K-S-H
6601436	CNMG432-NM	LT10	.031	roughing	P-M-K-S-H
6601446	CNMG432-NR	LT10	.031	roughing	P-M-K-S-H
6608026	CNMG432-NX	LT1000	.031	general	P-M-K-S-H
6607037	CNMG433-NN	LT10	.047	roughing	P-M-K-S-H
6608021	CNMG433-NN	LT1000	.047	roughing	P-M-K-S-H

We recommend LT1000 grade inserts for maximum insert performance. LT1000 grade features an advanced PVD coating that is 14 microns thick and lasts 250% longer than other inserts.



CNMG

CNMM INSERTS FOR NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
6602011	CNMM432-NR	LT10	.031	finish-medium	P-M-K-S-H
6602022	CNMM433-NR	LT10	.047	medium-rough	P-M-K-S-H



CNMM

CNMP INSERTS FOR NEGATIVE TURNING AND BORING

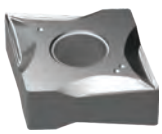
Part No.	Description	Grade	Radius	Operation	Material
6607045	CNMP432-NN	LT10	.031	finish-medium	P-M-K-S-H
6608031	CNMP432-NN	LT1000	.031	finish-medium	P-M-K-S-H
3665525	CNMP433-NN	LT10	.047	medium-rough	P-M-K-S-H
6608036	CNMP433-NN	LT1000	.047	medium-rough	P-M-K-S-H



CNMP

CNGG INSERTS FOR ALUMINUM NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
6607901	CNGG431-ALU	LT05	.016	finishing	N
6607905	CNGG432-ALU	LT05	.031	general	N



CNGG

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P = steel, M = stainless, K = cast iron, S = high temp alloys, H = hardened material, N = aluminum & alloys

CAPTO-COMPATIBLE* TURNING TOOLS

pg. 229 pg. 236 pg. 238

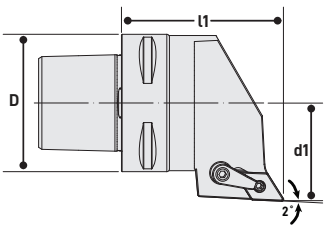


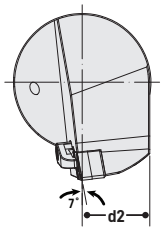


For turn/mill machines that accept "PSC" style toolholders.

FEATURES

- High accuracy for best repeatability
- Turning, boring, threading and grooving

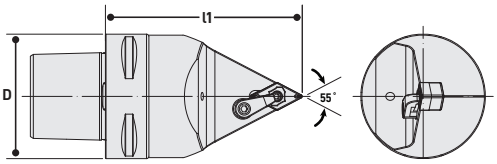




C6 MDJN

Part No.	Description	l1	D	d1	d2	Insert	Clamp	Shim	Screw	Lock Pin
143.476.15L.075	C6 - MDJNL-EX15	75mm	63mm	45mm	31mm	DN_ _43_	MC622	DMS442	MS630	MLP46L-A
143.476.15R.075	C6 - MDJNR-EX15	75mm	63mm	45mm	31mm	DN_ _43_	MC622	DMS442	MS630	MLP46L-A





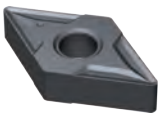
C6 MDNN

Part No.	Description	l1	D	Insert	Clamp	Shim	Screw	Lock Pin
143.481.15N.100	C6 - MDNNN-H15	100mm	63mm	DN_ _43_	MC622	DMS442	MS625	MLP46L-A

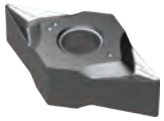
DNMG AND DNGG INSERTS FOR NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
7607069	DNMG431-NN	LT10	.016	finishing	P-M-K-S-H
7608021	DNMG431-NN	LT1000	.016	finishing	P-M-K-S-H
7607073	DNMG432-NN	LT10	.031	finish-medium	P-M-K-S-H
7608026	DNMG432-NN	LT1000	.031	finish-medium	P-M-K-S-H
7608029	DNMG432-NX	LT1000	.031	general	P-M-K-S-H
7607077	DNMG433-NN	LT10	.047	medium-rough	P-M-K-S-H
7608031	DNMG433-NN	LT1000	.047	medium-rough	P-M-K-S-H

We recommend LT1000 grade inserts for maximum insert performance. LT1000 grade features an advanced PVD coating that is 14 microns thick and lasts 250% longer than other inserts.



DNMG



DNGG

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CAPTO-COMPATIBLE* TURNING TOOLS

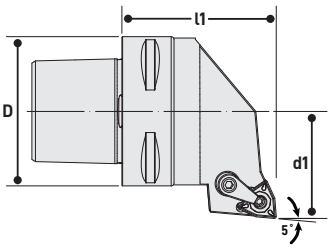


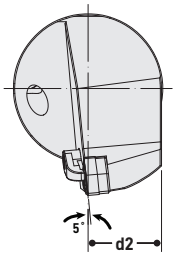


For turn/mill machines that accept "PSC" style toolholders.

FEATURES

- High accuracy for best repeatability
- Turning, boring, threading and grooving





C6 MWLN

Part No.	Description	l1	D	d1	d2	Insert	Clamp	Shim	Screw	Lock Pin
143.478.08L.065	C6 - MWLNL-DX08	65mm	63mm	45mm	31mm	WN_ _43_	MC620	TMS432	MS630	MLP46L-A
143.478.08R.065	C6 - MWLNR-DX08	65mm	63mm	45mm	31mm	WN_ _43_	MC620	TMS432	MS630	MLP46L-A

WNMG INSERTS FOR NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
4607257	WNMG431-NN	LT10	.016	finishing	P-M-K-S-H
4608011	WNMG431-NN	LT1000	.016	finishing	P-M-K-S-H
4607261	WNMG432-NN	LT10	.031	finish-medium	P-M-K-S-H
4608016	WNMG432-NN	LT1000	.031	finish-medium	P-M-K-S-H
4608023	WNMG432-NM	LT1000	.031	roughing	P-M-K-S-H
4601437	WNMG332-NR	LT10	.031	roughing	P-M-K-S-H
4608021	WNMG432-NX	LT1000	.031	general	P-M-K-S-H
4600076	WNMG432-WM	LT10	.031	finish-medium	P-M-K-S-H
4607265	WNMG433-NN	LT10	.047	medium-rough	P-M-K-S-H
4608026	WNMG433-NN	LT1000	.047	medium-rough	P-M-K-S-H

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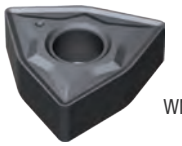
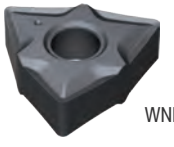


WNMG

WNMP INSERTS FOR NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
4607277	WNMP432-NN	LT10	.031	finish-medium	P-M-K-S-H
4608031	WNMP432-NN	LT1000	.031	finish-medium	P-M-K-S-H



WNMP

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CAPTO-COMPATIBLE* TURNING TOOLS

pg. 229 pg. 236 pg. 238

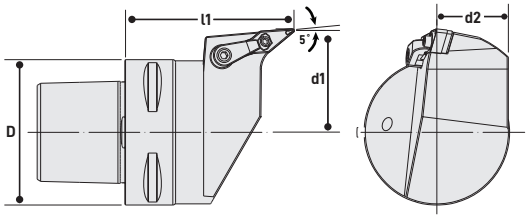




For turn/mill machines that accept "PSC" style toolholders.

FEATURES

- High accuracy for best repeatability
- Turning, boring, threading and grooving



C6 MVLN

Part No.	Description	l1	D	d1	d2	Insert	Clamp	Shim	Screw	Lock Pin
143.479.16L.075	C6 - MVLNL-EX16	75mm	63mm	45mm	31mm	VN_ _33_	MC622	VMS322	MS630	MLP34L-A
143.479.16R.075	C6 - MVLNR-EX16	75mm	63mm	45mm	31mm	VN_ _33_	MC622	VMS322	MS630	MLP34L-A

VNMG INSERTS FOR NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
8607241	VNMG331-NN	LT10	.016	finishing	P-M-K-S-H
8608011	VNMG331-NN	LT1000	.016	finishing	P-M-K-S-H
8607245	VNMG332-NN	LT10	.031	finish-medium	P-M-K-S-H
8608016	VNMG332-NN	LT1000	.031	finish-medium	P-M-K-S-H

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VNMG

VNGG INSERTS FOR ALUMINUM NEGATIVE TURNING AND BORING

Part No.	Description	Grade	Radius	Operation	Material
8607921	VNGG331-ALU	LT 05	.016	finishing	N
8607925	VNGG332-ALU	LT 05	.031	finish-medium	N



VNGG

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