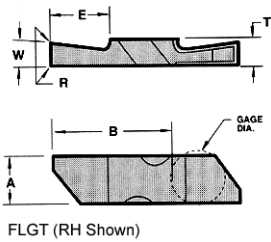




DEEP GROOVING-DOUBLE ENDED INSERTS

Gage Diameter 0.375

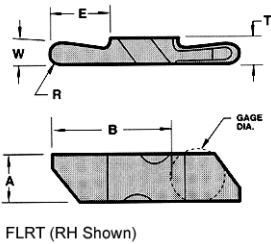
External Grooving Only



W Inch	W mm	E	T	A	B	Left or Right	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
0.094	2.39	0.275	0.195	0.344	0.855	RIGHT	T-FLGT3094RG3	18.14	T-FLGT3094RG5	18.14
						LEFT	T-FLGT3094LG3	18.14	T-FLGT3094LG5	18.14
0.125	3.18	0.437	0.195	0.344	0.855	RIGHT	T-FLGT3125RG3	18.14	T-FLGT3125RG5	18.14
						LEFT	T-FLGT3125LG3	18.14	T-FLGT3125LG5	18.14
0.189	4.8	0.437	0.195	0.344	0.855	RIGHT	T-FLGT3189RG3	18.14	T-FLGT3189RG5	18.14
						LEFT	T-FLGT3189LG3	18.14	T-FLGT3189LG5	18.14
0.125	3.18	0.55	0.255	0.453	1.136	RIGHT	T-FLGT4125RG3	21.56	T-FLGT4125RG5	21.56
						LEFT	T-FLGT4125LG3	21.56	T-FLGT4125LG5	21.56
0.189	4.8	0.55	0.255	0.453	1.136	RIGHT	T-FLGT4189RG3	21.56	T-FLGT4189RG5	21.56
						LEFT	T-FLGT4189LG3	21.56	T-FLGT4189LG5	21.56
0.25	6.35	0.55	0.255	0.453	1.136	RIGHT	T-FLGT4250RG3	21.56	T-FLGT4250RG5	21.56
						LEFT	T-FLGT4250LG3	21.56	T-FLGT4250LG5	21.56

DEEP GROOVING-DOUBLE ENDED INSERTS

Full Nose Radius-Gage Diameter 0.375

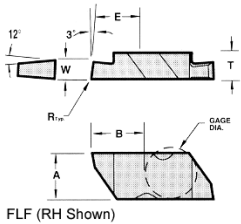


External Grooving Only

W Inch	W mm	E	T	A	B	Left or Right Hand	Grade GP50 Part Number	Price Each
0.125	3.18	0.437	0.195	0.344	0.855	RIGHT	T-FLRT3062RG5	18.14
						LEFT	T-FLRT3062LG5	18.14
0.189	4.8	0.437	0.195	0.344	0.855	RIGHT	T-FLRT3094RG5	18.14
						LEFT	T-FLRT3094LG5	18.14
0.125	3.18	0.55	0.255	0.453	1.136	RIGHT	T-FLRT4062RG5	21.56
						LEFT	T-FLRT4062LG5	18.14
0.189	4.8	0.55	0.255	0.453	1.136	RIGHT	T-FLRT4094RG5	21.56
						LEFT	T-FLRT4094LG5	21.56
0.25	6.35	0.55	0.255	0.453	1.136	RIGHT	T-FLRT4125RG5	21.56
						LEFT	T-FLRT4125LG5	21.56

FACE GROOVING-DOUBLE ENDED INSERTS

Gage Diameter 0.375



W Inch	W mm	E	T	A	B	Toolholder/Boring Bar	Left or Right	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
0.125	3.18	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLF3125RG3	13.41	T-FLF3125RG5	13.41
							LEFT	T-FLF3125LG3	13.41	T-FLF3125LG5	13.41
0.156	3.96	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLF3156RG3	13.41	T-FLF3156RG5	13.41
							LEFT	T-FLF3156LG3	13.41	T-FLF3156LG5	13.41
0.188	4.77	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLF3188RG3	13.41	T-FLF3188RG5	13.41
							LEFT	T-FLF3188LG3	13.41	T-FLF3188LG5	13.41

BASIC SHOP STORAGE

Capacity, durability, versatility at a great price with the Basic Storage line from Waterloo. From fully assembled workbenches, floor and wall cabinets to cars, all with a high gloss blue finish, Waterloo has what you need to get organized!

30" Mobile Cabinet:

- Durable blue painted finish resists rust and corrosion
- 7/8" sealed MDF work surface
- 3 drawers, 1 is 12" deep, 2 are 6" deep
- 50lb capacity ball-bearing drawer slides
- Smooth rolling 4-1/2" casters



Model WO-FBMC3003



Model WO-FBWC3012



Wall Cabinet:

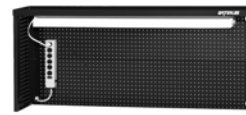
- Durable blue painted finish resists rust and corrosion
- 1 adjustable shelf with a 50lb load capacity
- Reinforced door construction with 25 lb capacity adjustable storage area

Workbench:

- Durable blue painted finish resists rust and corrosion
- 3 adjustable shelves each with 100lb load capacity
- Reinforced door construction



Model WO-FBWB6023



Model WO-FBBW600



Model WO-FBTD3622

Facility Workbench:

- Durable blue painted finish resists rust and corrosion
- 7/8" sealed MDF work surface
- 1500lb load capacity
- Adjustable leveling feet

Bench Backwall:

- Durable blue painted finish resists rust and corrosion
- Includes power strip and overhead light

Full Line Available!
Please call for more information.

Description	Dimensions W x D x H	Color	Part Number	Price Each
30" Mobile Cabinet	34" x 26" x 36"	Blue	WO-FBMC3003	\$777.03
Wall Cabinet	34" x 18" x 36"	Blue	WO-FBWC3012	\$472.97
Floor Cabinet	42" x 28" x 76"	Blue	WO-FBTD3622	\$912.16
Workbench	64" x 32" x 11"	Blue	WO-FBWB6023	\$512.84
Workbench Backwall	64" x 14" x 6"	Blue	WO-FBBW600	\$405.07

Call Us Or Visit Our Website For Our Complete Selection!

TOP NOTCH™ COMPATIBLE GROOVING INSERTS

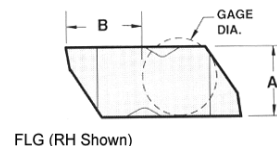
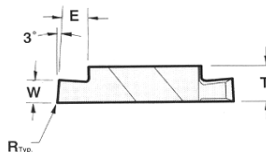
B

STANDARD GROOVING-DOUBLE ENDED INSERTS

Gage Diameter-Series 2 Inserts: 0.1875
All Others: 0.375



Full Line Available!
Please call for more information.



FLG (RH Shown)

W Inch	W mm	E	T	A	B	Tooholder/ Boring Bar	Left or Right Hand	Grade AT50		Grades AT3		Grade GP50	
								TiAlN C5 Coated Part Number	Price Each	TiAlN C2-C3 Coated Part Number	Price Each	C5 TiN Coated Part Number	Price Each
0.031	0.79	0.05	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2031RA5	\$11.98	T-FLG2031RA3	\$11.98	T-FLG2031RG5	\$11.98
	0.79	0.05	0.15	0.219	0.27	GT-2	LEFT	T-FLG2031LA5	\$11.98	T-FLG2031LA3	\$11.98	T-FLG2031LG5	\$11.98
0.041	1.04	0.05	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2041RA5	\$11.98	T-FLG2041RA3	\$11.98	T-FLG2041RG5	\$11.98
	1.04	0.05	0.15	0.219	0.27	GT-2	LEFT	T-FLG2041LA5	\$11.98	T-FLG2041LA3	\$11.98	T-FLG2041LG5	\$11.98
0.047	1.19	0.05	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2047RA5	\$11.98	T-FLG2047RA3	\$11.98	T-FLG2047RG5	\$11.98
	1.19	0.05	0.15	0.219	0.27	GT-2	LEFT	T-FLG2047LA5	\$11.98	T-FLG2047LA3	\$11.98	T-FLG2047LG5	\$11.98
0.058	1.47	0.05	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2058RA5	\$11.98	T-FLG2058RA3	\$11.98	T-FLG2058RG5	\$11.98
	1.47	0.05	0.15	0.219	0.27	GT-2	LEFT	T-FLG2058LA5	\$11.98	T-FLG2058LA3	\$11.98	T-FLG2058LG5	\$11.98
0.062	1.57	0.11	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2062RA5	\$11.98	T-FLG2062RA3	\$11.98	T-FLG2062RG5	\$11.98
	1.57	0.11	0.15	0.219	0.27	GT-2	LEFT	T-FLG2062LA5	\$11.98	T-FLG2062LA3	\$11.98	T-FLG2062LG5	\$11.98
0.094	2.39	0.11	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2094RA5	\$11.98	T-FLG2094RA3	\$11.98	T-FLG2094RG5	\$11.98
	2.39	0.11	0.15	0.219	0.27	GT-2	LEFT	T-FLG2094LA5	\$11.98	T-FLG2094LA3	\$11.98	T-FLG2094LG5	\$11.98
0.125	3.18	0.11	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2125RA5	\$11.98	T-FLG2125RA3	\$11.98	T-FLG2125RG5	\$11.98
	3.18	0.11	0.15	0.219	0.27	GT-2	LEFT	T-FLG2125LA5	\$11.98	T-FLG2125LA3	\$11.98	T-FLG2125LG5	\$11.98
0.031	0.79	0.05	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3031RA5	\$11.98	T-FLG3031RA3	\$11.98	T-FLG3031RG5	\$11.98
	0.79	0.05	0.195	0.344	0.405	GT-3	LEFT	T-FLG3031LA5	\$11.98	T-FLG3031LA3	\$11.98	T-FLG3031LG5	\$11.98
0.047	1.19	0.075	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3047RA5	\$11.98	T-FLG3047RA3	\$11.98	T-FLG3047RG5	\$11.98
	1.19	0.075	0.195	0.344	0.405	GT-3	LEFT	T-FLG3047LA5	\$11.98	T-FLG3047LA3	\$11.98	T-FLG3047LG5	\$11.98
0.062	1.57	0.12	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3062RA5	\$11.98	T-FLG3062RA3	\$11.98	T-FLG3062RG5	\$11.98
	1.57	0.12	0.195	0.344	0.405	GT-3	LEFT	T-FLG3062LA5	\$11.98	T-FLG3062LA3	\$11.98	T-FLG3062LG5	\$11.98
0.072	1.83	0.12	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3072RA5	\$11.98	T-FLG3072RA3	\$11.98	T-FLG3072RG5	\$11.98
	1.83	0.12	0.195	0.344	0.405	GT-3	LEFT	T-FLG3072LA5	\$11.98	T-FLG3072LA3	\$11.98	T-FLG3072LG5	\$11.98
0.078	1.98	0.12	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3078RA5	\$11.98	T-FLG3078RA3	\$11.98	T-FLG3078RG5	\$11.98
	1.98	0.12	0.195	0.344	0.405	GT-3	LEFT	T-FLG3078LA5	\$11.98	T-FLG3078LA3	\$11.98	T-FLG3078LG5	\$11.98
0.088	2.24	0.12	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3088RA5	\$11.98	T-FLG3088RA3	\$11.98	T-FLG3088RG5	\$11.98
	2.24	0.12	0.195	0.344	0.405	GT-3	LEFT	T-FLG3088LA5	\$11.98	T-FLG3088LA3	\$11.98	T-FLG3088LG5	\$11.98
0.094	2.39	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3094RA5	\$11.98	T-FLG3094RA3	\$11.98	T-FLG3094RG5	\$11.98
	2.39	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3094LA5	\$11.98	T-FLG3094LA3	\$11.98	T-FLG3094LG5	\$11.98
0.097	2.46	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3097RA5	\$11.98	T-FLG3097RA3	\$11.98	T-FLG3097RG5	\$11.98
	2.46	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3097LA5	\$11.98	T-FLG3097LA3	\$11.98	T-FLG3097LG5	\$11.98
0.105	2.67	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3105RA5	\$11.98	T-FLG3105RA3	\$11.98	T-FLG3105RG5	\$11.98
	2.67	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3105LA5	\$11.98	T-FLG3105LA3	\$11.98	T-FLG3105LG5	\$11.98
0.110	2.79	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3110RA5	\$11.98	T-FLG3110RA3	\$11.98	T-FLG3110RG5	\$11.98
	2.79	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3110LA5	\$11.98	T-FLG3110LA3	\$11.98	T-FLG3110LG5	\$11.98
0.122	3.10	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3122RA5	\$11.98	T-FLG3122RA3	\$11.98	T-FLG3122RG5	\$11.98
	3.10	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3122LA5	\$11.98	T-FLG3122LA3	\$11.98	T-FLG3122LG5	\$11.98
0.125	3.18	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3125RA5	\$11.98	T-FLG3125RA3	\$11.98	T-FLG3125RG5	\$11.98
	3.18	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3125LA5	\$11.98	T-FLG3125LA3	\$11.98	T-FLG3125LG5	\$11.98
0.142	3.61	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3142RA5	\$11.98	T-FLG3142RA3	\$11.98	T-FLG3142RG5	\$11.98
	3.61	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3142LA5	\$11.98	T-FLG3142LA3	\$11.98	T-FLG3142LG5	\$11.98
0.156	3.96	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3156RA5	\$11.98	T-FLG3156RA3	\$11.98	T-FLG3156RG5	\$11.98
	3.96	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3156LA5	\$11.98	T-FLG3156LA3	\$11.98	T-FLG3156LG5	\$11.98
0.178	4.52	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3178RA5	\$11.98	T-FLG3178RA3	\$11.98	T-FLG3178RG5	\$11.98
	4.52	0.18	0.195	0.344	0.405	GT-3	LEFT	T-FLG3178LA5	\$11.98	T-FLG3178LA3	\$11.98	T-FLG3178LG5	\$11.98

Larger Groove Widths & Series 4 & 6 Top Notch Also Available. Please Call For More Information.



Call Us Today For All Of Your Machine Tool Needs!

CHUCK JAWS
LATHE WORKHOLDING

MACHINE VISES
MAGNETIC CHUCKS

RETENTION KNOBS
ER, DA, TG COLLETS

TOOLHOLDERS
TAP HOLDERS

INDEXABLE DRILLS
TURNING & BORING

ENDMILLS, DRILLS
TAPS & REAMERS

ABRASIVES
MEASURING TOOLS

MRO & SAFETY
FLAT STOCK/DRILL ROD

TOP NOTCH™ COMPATIBLE GROOVING INSERTS

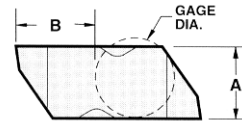
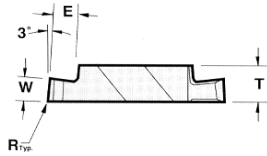
B

STANDARD GROOVING-DOUBLE ENDED INSERTS

With Patented Chipbreaker

Gage Diameter-Series 2 Inserts: 0.1875

All Others: 0.375



FLG-K (RH Shown)

Full Line Available!
Please call for more information.

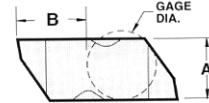
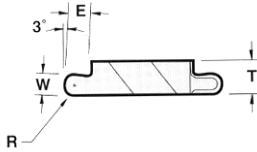
W Inch	W mm	E	T	A	B	Toolholder/Boring Bar	Left or Right	Grades AT3, C3(Uncoated) Part Number	Price Each	Grade AT50 Part Number	Price Each	Grade GP50 Part Number	Price Each
0.062	1.57	0.11	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2062RCBA3*	\$11.98	T-FLG2062RCBA5	\$11.98	T-FLG2062RCBG5	\$11.98
							LEFT	T-FLG2062LCBA3	\$11.98	T-FLG2062LCBA5	\$11.98	T-FLG2062LCBG5	\$11.98
0.094	2.39	0.11	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2094RCBA3	\$11.98	T-FLG2094RCBA5	\$11.98	T-FLG2094RCBG5	\$11.98
							LEFT	T-FLG2094LCBA3	\$11.98	T-FLG2094LCBA5	\$11.98	T-FLG2094LCBG5	\$11.98
0.125	3.18	0.11	0.15	0.219	0.27	GT-2	RIGHT	T-FLG2125RCBA3	\$11.98	T-FLG2125RCBA5	\$11.98	T-FLG2125RCBG5	\$11.98
							LEFT	T-FLG2125LCBA3	\$11.98	T-FLG2125LCBA5	\$11.98	T-FLG2125LCBG5	\$11.98
0.062	1.57	0.125	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3062RCBA3*	\$11.98	T-FLG3062RCBA5	\$11.98	T-FLG3062RCBG5	\$11.98
							LEFT	T-FLG3062LCBA3	\$11.98	T-FLG3062LCBA5	\$11.98	T-FLG3062LCBG5	\$11.98
0.072	1.83	0.125	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3072RCBA3	\$11.98	T-FLG3072RCBA5	\$11.98	T-FLG3072RCBG5	\$11.98
							LEFT	T-FLG3072LCBA3	\$11.98	T-FLG3072LCBA5	\$11.98	T-FLG3072LCBG5	\$11.98
0.078	1.98	0.125	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3078RCBA3	\$11.98	T-FLG3078RCBA5	\$11.98	T-FLG3078RCBG5	\$11.98
							LEFT	T-FLG3078LCBA3	\$11.98	T-FLG3078LCBA5	\$11.98	T-FLG3078LCBG5	\$11.98
0.094	2.39	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3094RCBA3	\$11.98	T-FLG3094RCBA5	\$11.98	T-FLG3094RCBG5	\$11.98
							LEFT	T-FLG3094LCBA3	\$11.98	T-FLG3094LCBA5	\$11.98	T-FLG3094LCBG5	\$11.98
0.125	3.18	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3125RCBA3*	\$11.98	T-FLG3125RCBA5	\$11.98	T-FLG3125RCBG5	\$11.98
							LEFT	T-FLG3125LCBA3*	\$11.98	T-FLG3125LCBA5	\$11.98	T-FLG3125LCBG5	\$11.98
0.189	4.8	0.18	0.195	0.344	0.405	GT-3	RIGHT	T-FLG3189RCBA3	\$11.98	T-FLG3189RCBA5	\$11.98	T-FLG3189RCBG5	\$11.98
							LEFT	T-FLG3189LCBA3	\$11.98	T-FLG3189LCBA5	\$11.98	T-FLG3189LCBG5	\$11.98
0.125	3.18	0.25	0.255	0.453	0.636	GT-4	RIGHT	T-FLG4125RCBA3	\$15.98	T-FLG4125RCBA5	\$15.98	T-FLG4125RCBG5	\$15.98
							LEFT	T-FLG4125LCBA3	\$15.98	T-FLG4125LCBA5	\$15.98	T-FLG4125LCBG5	\$15.98
0.189	4.8	0.25	0.255	0.453	0.636	GT-4	RIGHT	T-FLG4189RCBA3	\$15.98	T-FLG4189RCBA5	\$15.98	T-FLG4189RCBG5	\$15.98
							LEFT	T-FLG4189LCBA3	\$15.98	T-FLG4189LCBA5	\$15.98	T-FLG4189LCBG5	\$15.98
0.25	6.35	0.25	0.255	0.453	0.636	GT-4	RIGHT	T-FLG4250RCBA3	\$15.98	T-FLG4250RCBA5	\$15.98	T-FLG4250RCBG5	\$15.98
							LEFT	T-FLG4250LCBA3	\$15.98	T-FLG4250LCBA5	\$15.98	T-FLG4250LCBG5	\$15.98

*Available in C3 uncoated grade. Please call for pricing.

STANDARD GROOVING-DOUBLE ENDED INSERTS-FULL NOSE RADIUS

Gage Diameter-Series 2 Inserts: 0.1875

All Others: 0.375



FLR (RH Shown)



W Inch	W mm	E	T	A	B	Toolholder/Boring Bar	Left or Right Hand	Grade AT50 Part Number	Price Each	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
0.062	1.57	0.11	0.15	0.219	0.2683	GT-2	RIGHT	T-FLR2031RA5	14.35	T-FLR2031RG3	13.41	T-FLR2031RG5	13.41
							LEFT	T-FLR2031LA5	14.35	T-FLR2031LG3	13.41	T-FLR2031LG5	13.41
0.094	2.39	0.11	0.15	0.219	0.2675	GT-2	RIGHT	T-FLR2047RA5	14.35	T-FLR2047RG3	13.41	T-FLR2047RG5	13.41
							LEFT	T-FLR2047LA5	14.35	T-FLR2047LG3	13.41	T-FLR2047LG5	13.41
0.125	3.18	0.11	0.15	0.219	0.2667	GT-2	RIGHT	T-FLR2062RA5	14.35	T-FLR2062RG3	13.41	T-FLR2062RG5	13.41
							LEFT	T-FLR2062LA5	14.35	T-FLR2062LG3	13.41	T-FLR2062LG5	13.41
0.062	1.57	0.125	0.195	0.344	0.4033	GT-3	RIGHT	T-FLR3031RA5	14.35	T-FLR3031RG3	13.41	T-FLR3031RG5	13.41
							LEFT	T-FLR3031LA5	14.35	T-FLR3031LG3	13.41	T-FLR3031LG5	13.41
0.094	2.39	0.18	0.195	0.344	0.4025	GT-3	RIGHT	T-FLR3047RA5	14.35	T-FLR3047RG3	13.41	T-FLR3047RG5	13.41
							LEFT	T-FLR3047LA5	14.35	T-FLR3047LG3	13.41	T-FLR3047LG5	13.41
0.125	3.18	0.18	0.195	0.344	0.4017	GT-3	RIGHT	T-FLR3062RA5	14.35	T-FLR3062RG3	13.41	T-FLR3062RG5	13.41
							LEFT	T-FLR3062LA5	14.35	T-FLR3062LG3	13.41	T-FLR3062LG5	13.41
0.156	3.96	0.18	0.195	0.344	0.4008	GT-3	RIGHT	T-FLR3078RA5	14.35	T-FLR3078RG3	13.41	T-FLR3078RG5	13.41
							LEFT	T-FLR3078LA5	14.35	T-FLR3078LG3	13.41	T-FLR3078LG5	13.41
0.189	4.80	0.18	0.195	0.344	0.4	GT-3	RIGHT	T-FLR3094RA5	14.35	T-FLR3094RG3	13.41	T-FLR3094RG5	13.41
							LEFT	T-FLR3094LA5	14.35	T-FLR3094LG3	13.41	T-FLR3094LG5	13.41
0.125	3.18	0.25	0.255	0.453	0.6327	GT-4	RIGHT	-	-	T-FLR4062RG3	19.35	T-FLR4062RG5	19.35
							LEFT	-	-	T-FLR4062LG3	19.35	T-FLR4062LG5	19.35
0.189	4.80	0.25	0.255	0.453	0.631	GT-4	RIGHT	-	-	T-FLR4094RG3	19.35	T-FLR4094RG5	19.35
							LEFT	-	-	T-FLR4094LG3	19.35	T-FLR4094LG5	19.35
0.25	6.35	0.25	0.255	0.453	0.6293	GT-4	RIGHT	-	-	T-FLR4125RG3	19.35	T-FLR4125RG5	19.35
							LEFT	-	-	T-FLR4125LG3	19.35	T-FLR4125LG5	19.35

Call Us Or Visit Our Website For Our Complete Selection!

2010-11 Master Catalog

365

LATHES CHUCKS
LIVE CENTERS

VICE JAWS
VICE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

LATHES BUSHINGS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

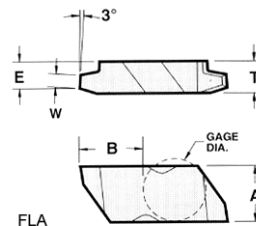
COOLANT/FLUIDS
TOOL STORAGE

TOP NOTCH™ COMPATIBLE THREADING INSERTS

THREADING-DOUBLE ENDED INSERTS ACME Threading



Full Line Available!
Please call for more information.



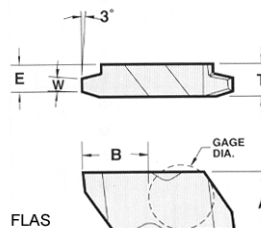
TPI IF THREADING

Internal	External	W Inches	E	T	A	B	Toolholder/ Boring Bar	Left or Right	Grade AT50 Part Number	Price Each	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
16	16	0.0206	0.149	0.195	0.344	0.4026	GT-3	RIGHT	-	-	-	-	T-FLA3R16G5	\$13.41
								LEFT	-	-	-	-	T-FLA3L16G5	\$13.41
14	14	0.0239	0.149	0.195	0.344	0.4026	GT-3	RIGHT	-	-	-	-	T-FLA3R14G5	\$13.41
								LEFT	-	-	-	-	T-FLA3L14G5	\$13.41
12	12	0.0283	0.149	0.195	0.344	0.4026	GT-3	RIGHT	-	-	T-FLA3R12G3	\$13.41	T-FLA3R12G5	\$13.41
								LEFT	-	-	T-FLA3L12G3	\$13.41	T-FLA3L12G5	\$13.41
10	10	0.0319	0.149	0.195	0.344	0.4026	GT-3	RIGHT	-	-	T-FLA3R10G3	\$13.41	-	-
								LEFT	-	-	T-FLA3L10G3	\$13.41	T-FLA3L10G5	\$13.41
8	8	0.0411	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLA3R8A5	\$14.30	T-FLA3R8G3	\$13.41	T-FLA3R8G5	\$13.41
								LEFT	T-FLA3L8A5	\$14.30	T-FLA3L8G3	\$13.41	T-FLA3L8G5	\$13.41
6	6	0.0566	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLA3R6A5	\$14.30	T-FLA3R6G3	\$13.41	T-FLA3R6G5	\$13.41
								LEFT	T-FLA3L6A5	\$14.30	T-FLA3L6G3	\$13.41	T-FLA3L6G5	\$13.41
5	5	0.0689	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLA3R5A5	\$14.30	T-FLA3R5G3	\$13.41	T-FLA3R5G5	\$13.41
								LEFT	T-FLA3L5A5	\$14.30	T-FLA3L5G3	\$13.41	T-FLA3L5G5	\$13.41
4	4	0.0875	0.133	0.195	0.344	0.4018	GT-3	RIGHT	T-FLA3R4A5	\$14.30	T-FLA3R4G3	\$13.41	T-FLA3R4G5	\$13.41
								LEFT	T-FLA3L4A5	\$14.30	T-FLA3L4G3	\$13.41	T-FLA3L4G5	\$13.41
5	5	0.0689	0.202	0.255	0.453	0.6332	GT-4	RIGHT	-	-	-	-	T-FLA4R5G5	\$19.35
								LEFT	-	-	-	-	T-FLA4L5G5	\$19.35
4	4	0.0875	0.202	0.255	0.453	0.6332	GT-4	RIGHT	-	-	-	-	T-FLA4R4G5	\$19.35
								LEFT	-	-	-	-	T-FLA4L4G5	\$19.35
3	3	0.1184	0.283	0.383	0.453	0.6308	GT-6	RIGHT	-	-	-	-	T-FLA6R3G5	\$26.19
								LEFT	-	-	-	-	T-FLA6L3G5	\$26.19
2	2	0.1802	0.283	0.383	0.453	0.6308	GT-6	RIGHT	-	-	-	-	T-FLA6R2G5	\$26.19
								LEFT	-	-	-	-	T-FLA6L2G5	\$26.19

THREADING-DOUBLE ENDED INSERTS ACME Stub Threading Gage Diameter: 0.375



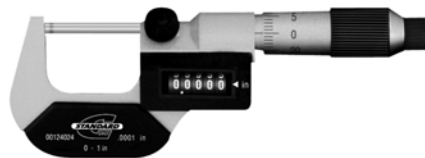
Full Line Available!
Please call for more information.



TPI		W Inch	E	T	A	B	Toolholder/ Boring Bar	Left or Right Hand	Grade AT50 Part Number	Price Each	Grade GP50 Part Number	Price Each
12	12	0.0326	0.149	0.195	0.344	0.4026	GT-3	RIGHT	-	-	T-FLAS3R12G5	\$13.41
								LEFT	-	-	T-FLAS3L12G5	\$13.41
10	10	0.037	0.149	0.195	0.344	0.4026	GT-3	RIGHT	-	-	T-FLAS3R10G5	\$13.41
								LEFT	-	-	T-FLAS3L10G5	\$13.41
8	8	0.0476	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLAS3R8A5	\$14.30	T-FLAS3R8G5	\$13.41
								LEFT	T-FLAS3L8A5	\$14.30	T-FLAS3L8G5	\$13.41
6	6	0.0652	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLAS3R6A5	\$14.30	T-FLAS3R6G5	\$13.41
								LEFT	T-FLAS3L6A5	\$14.30	T-FLAS3L6G5	\$13.41
5	5	0.0793	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLAS3R5A5	\$14.30	T-FLAS3R5G5	\$13.41
								LEFT	T-FLAS3L5A5	\$14.30	T-FLAS3L5G5	\$13.41
4	4	0.1004	0.149	0.195	0.344	0.4026	GT-3	RIGHT	T-FLAS3R4A5	\$14.30	T-FLAS3R4G5	\$13.41
								LEFT	T-FLAS3L4A5	\$14.30	T-FLAS3L4G5	\$13.41

DIGITAL OUTSIDE MICROMETERS

- High resolution mechanical digit counter for quick and error-free reading
- Carbide-tipped measuring faces with .25" diameter
- Counter resolution to .0001"
- Micrometer head resolution to .0001"
- Sizes over 1" include a setting standard
- Ratchet friction thimble and locking nut
- Includes plastic case and inspection report



Range	Accuracy	Setting Standards	Part Number	Price Each
0-1"	.00016"	-	BS-46617	\$82.65
1-2"	.00016"	1"	BS-46618	\$85.50
2-3"	.00020"	2"	BS-46619	\$98.80
3-4"	.00020"	3"	BS-46620	\$108.30

Call Us Today For All Of Your Machine Tool Needs!

2010-11 Master Catalog

TOP NOTCH™ COMPATIBLE THREADING INSERTS

B

LATHES CHUCKS
LIVE CENTERS

VICE JAWS
VICE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

LATHES BUSHINGS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

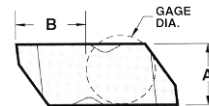
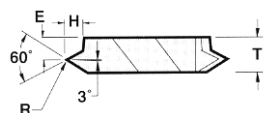
PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE



THREADING-DOUBLE ENDED INSERTS

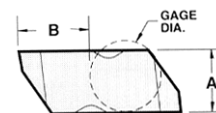
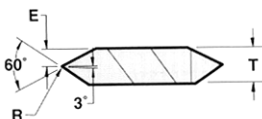
UN Crest Topping Threading
Gage Diameter: 0.375



FLTC (RH Shown)

TPI		E	R	T	A	B	Toolholder/ Boring Bar	Left/Right Hand	Grade AT3 Part Number	Price Each	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
7	7	0.107	0.017	0.195	0.344	0.4004	GT-3	RIGHT	T-FLTC3R7EA3	13.47	-	-	T-FLTC3R7EG5	12.54
8	8	0.107	0.015	0.195	0.344	0.4004	GT-3	RIGHT	T-FLTC3R8EA3	13.47	T-FLTC3R8EG3	12.54	T-FLTC3R8EG5	12.54
								LEFT	T-FLTC3L8EA3	13.47	-	-	T-FLTC3L8EG5	12.54
8	8	0.107	0.007	0.195	0.344	0.4004	GT-3	RIGHT	-	-	-	-	T-FLTC3R8IG5	12.54
								LEFT	T-FLTC3L8IA3	13.47	-	-	T-FLTC3L8IG5	12.54
9	9	0.107	0.013	0.195	0.344	0.4004	GT-3	RIGHT	T-FLTC3R9EA3	13.47	-	-	T-FLTC3R9EG5	12.54
10	10	0.107	0.012	0.195	0.344	0.4004	GT-3	RIGHT	T-FLTC3R10EA3	13.47	T-FLTC3R10EG3	12.54	T-FLTC3R10EG5	12.54
								LEFT	T-FLTC3L10EA3	13.47	-	-	T-FLTC3L10EG5	12.54
10	10	0.107	0.005	0.195	0.344	0.4004	GT-3	RIGHT	-	-	-	-	T-FLTC3R10IG5	12.54
								LEFT	T-FLTC3L10IA3	13.47	-	-	T-FLTC3L10IG5	12.54
11	11	0.107	0.011	0.195	0.344	0.4004	GT-3	RIGHT	T-FLTC3R11EA3	13.47	-	-	T-FLTC3R11EG5	12.54
12	12	0.148	0.01	0.195	0.344	0.4025	GT-3	RIGHT	T-FLTC3R12EA3	13.47	-	-	T-FLTC3R12EG5	12.54
								LEFT	-	-	-	-	T-FLTC3L12EG5	12.54
12	12	0.148	0.004	0.195	0.344	0.4025	GT-3	RIGHT	-	-	T-FLTC3R12IG3	12.54	-	-
								LEFT	T-FLTC3L12IA3	13.47	-	-	T-FLTC3L12IG5	12.54
14	14	0.148	0.009	0.195	0.344	0.4025	GT-3	RIGHT	-	-	-	-	T-FLTC3R14EG5	12.54
								LEFT	T-FLTC3L14EA3	13.47	-	-	T-FLTC3L14EG5	12.54
14	14	0.148	0.003	0.195	0.344	0.4025	GT-3	RIGHT	-	-	-	-	T-FLTC3R14IG5	12.54
								LEFT	T-FLTC3L14IA3	13.47	-	-	T-FLTC3L14IG5	12.54
16	16	0.148	0.008	0.195	0.344	0.4025	GT-3	RIGHT	-	-	T-FLTC3R16EG3	12.54	T-FLTC3R16EG5	12.54
								LEFT	-	-	T-FLTC3L16EG3	12.54	T-FLTC3L16EG5	12.54
16	16	0.148	0.003	0.195	0.344	0.4025	GT-3	RIGHT	-	-	-	-	T-FLTC3R16IG5	12.54
								LEFT	T-FLTC3L16IA3	13.47	-	-	T-FLTC3L16IG5	12.54
18	18	0.148	0.007	0.195	0.344	0.4025	GT-3	RIGHT	-	-	T-FLTC3R18EG3	12.54	T-FLTC3R18EG5	12.54
								LEFT	T-FLTC3L18EA3	13.47	-	-	T-FLTC3L18EG5	12.54
20	20	0.148	0.006	0.195	0.344	0.4025	GT-3	RIGHT	-	-	T-FLTC3R20EG3	12.54	T-FLTC3R20EG5	12.54
								LEFT	T-FLTC3L20EA3	13.47	-	-	T-FLTC3L20EG5	12.54
24	24	0.148	0.005	0.195	0.344	0.4025	GT-3	RIGHT	-	-	T-FLTC3R24EG3	12.54	T-FLTC3R24EG5	12.54

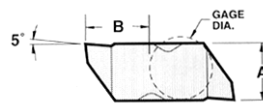
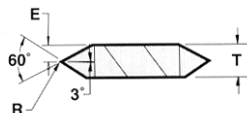
60° V-THREADING DOUBLE ENDED INSERTS



FLT (RH Shown)

Internal	Ext.	E	T	A	B	Toolholder/ Boring Bar	Left or Right Hand	Grade AT3 Part Number	Price Each	Grade AT50 Part Number	Price Each	Grade GP3 Part Number	Price Each	Grade GP50, GV Brand C5 (TIN Coat)	Price Each
7-20	8-36	0.075	0.15	0.219	0.266	GT-2	RIGHT	T-FLT2RA3	\$9.98	T-FLT2RA5	\$9.98	T-FLT2RG3	\$9.98	T-FLT2RG5	\$9.98
	8-36	0.075	0.15	0.219	0.266	GT-2	LEFT	T-FLT2LA3	\$9.98	T-FLT2LA5	\$9.98	T-FLT2LG3	\$9.98	T-FLT2LG5	\$9.98
5-12	6-20	0.098	0.195	0.344	0.399	GT-3	RIGHT	T-FLT3RA3	\$9.98	T-FLT3RA5	\$9.98	T-FLT3RG3	\$9.98	T-FLT3RG5	\$9.98
	6-20	0.098	0.195	0.344	0.399	GT-3	LEFT	T-FLT3LA3	\$9.98	T-FLT3LA5	\$9.98	T-FLT3LG3	\$9.98	T-FLT3LG5	\$9.98
4-12	4-20	0.128	0.255	0.453	0.629	GT-4	RIGHT	T-FLT4RA3	\$15.64	T-FLT4RA5	\$15.64	T-FLT4RG3	\$14.42	T-FLT4RG5	\$14.42
	4-20	0.128	0.255	0.453	0.629	GT-4	LEFT	T-FLT4LA3	\$15.64	T-FLT4LA5	\$15.64	T-FLT4LG3	\$14.42	T-FLT4LG5	\$14.42

60° V THREADING - DOUBLE ENDED, POSITIVE RAKE



FLTP (RH Shown)

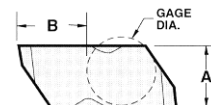
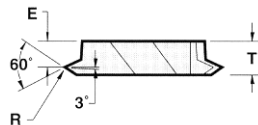
TPI		E	T	A	B	Toolholder/ Boring Bar	Left or Right Hand	Grade AT3 Part Number	Price Each	Grade AT50 Part Number	Price Each	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
7-20	8-36	.075	.150	.219	.2661	GT-2	RIGHT	T-FLTP2RA3	\$9.98	T-FLTP2RA5	\$9.98	T-FLTP2RG3	\$9.98	T-FLTP2RG5	\$9.98
							LEFT	-	-	T-FLTP2LA5	\$9.98	T-FLTP2LG3	\$9.98	T-FLTP2LG5	\$9.98
5-12	6-20	.098	.195	.344	.3999	GT-3	RIGHT	T-FLTP3RA3	\$9.98	T-FLTP3RA5	\$9.98	T-FLTP3RG3	\$9.98	T-FLTP3RG5	\$9.98
							LEFT	T-FLTP3LA3	\$9.98	T-FLTP3LA5	\$9.98	T-FLTP3LG3	\$9.98	T-FLTP3LG5	\$9.98
4-12	4-20	.128	.255	.453	.6293	GT-4	RIGHT	T-FLTP4RA3	16.83	-	-	T-FLTP4RG3	15.57	T-FLTP4RG5	15.57
							LEFT	T-FLTP4LA3	16.83	-	-	T-FLTP4LG3	15.57	T-FLTP4LG5	15.57

Call Us Or Visit Our Website For Our Complete Selection!

2010-11 Master Catalog

367

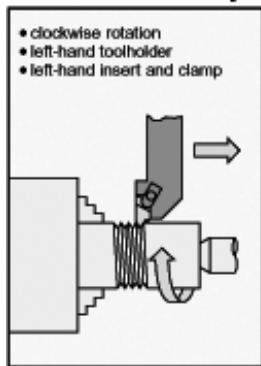
60° V-THREADING-DOUBLE ENDED INSERTS



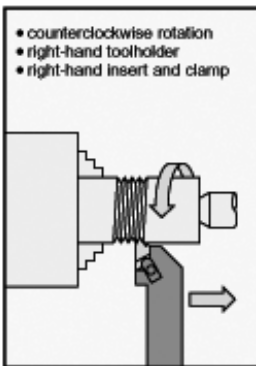
FLTF (RH Shown)

TPI		E	T	A	B	Toolholder/ Boring Bar	Left or Right Hand	Grade AT3 Part Number	Price Each	Grade AT50 Part Number	Price Each	Grade GP3 Part Number	Price Each	Grade GP50 Part Number	Price Each
Internal	External														
12-24	14-44	.110	.150	.219	.2679	GT-2	RIGHT	T-FLTF2RA3	\$9.98	T-FLTF2RA5	\$9.98	T-FLTF2RG3	\$9.98	T-FLTF2RG5	\$9.98
							LEFT	T-FLTF2LA3	\$9.98	T-FLTF2LA5	\$9.98	T-FLTF2LG3	\$9.98	T-FLTF2LG5	\$9.98
9-24	10-44	.141	.195	.344	.4022	GT-3	RIGHT	T-FLTF3RA3	\$9.98	T-FLTF3RA5	\$9.98	T-FLTF3RG3	\$9.98	T-FLTF3RG5	\$9.98
							LEFT	T-FLTF3LA3	\$9.98	T-FLTF3LA5	\$9.98	T-FLTF3LG3	\$9.98	T-FLTF3LG5	\$9.98
9-24	10-44	.201	.255	.453	.6322	GT-4	RIGHT	-	-	-	-	T-FLTF4RG3	\$15.57	T-FLTF4RG5	\$15.57
							LEFT	-	-	-	-	T-FLTF4LG3	\$15.57	T-FLTF4LG5	\$15.57

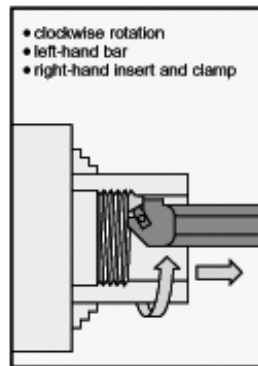
Feed Direction Away from the Chuck



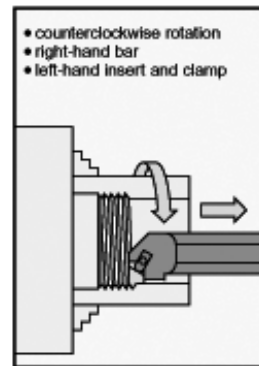
external right-hand thread



external left-hand thread



internal right-hand thread

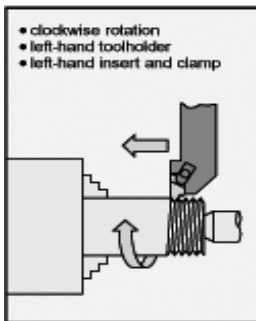


internal left-hand thread

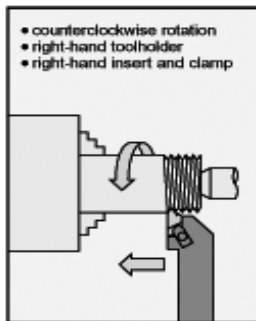


Threading Rotation/Feed Direction — Top Notch System

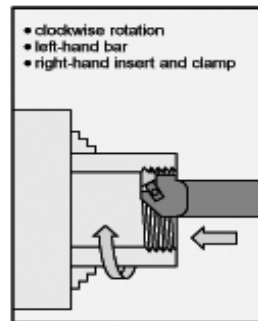
Feed Direction Towards the Chuck



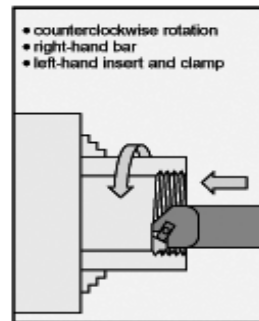
external left-hand thread



external right-hand thread



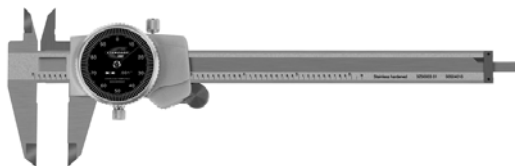
internal left-hand thread



internal right-hand thread

DIAL CALIPERS

- 4-way measuring
- Solid stainless steel construction
- Silky smooth movement throughout the entire range
- .100" range per revolution
- .001" reading dial face
- Supplied with inspection report and shop hardened case



For More Information, Please Visit Our Measuring Tools Section On Pages 507-540!

Range	Dial Face	Jaw Length	Thumbwheel	Part Number	Price Each
0-6"	Black	1.6"	Without	BS-46789	\$66.50
0-6"	White	1.6"	With	BS-46790	\$66.50
0-8"	White	2"	With	BS-46791	\$82.65
0-12"	White	2.5"	With	BS-46792	\$111.15

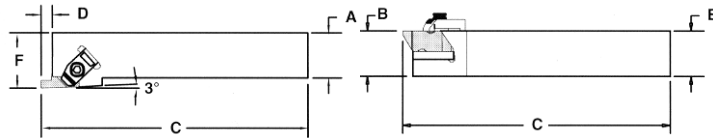
Call Us Today For All Of Your Machine Tool Needs!

TOP NOTCH™ COMPATIBLE THREADING HOLDERS

B

EXTERNAL THREADING/GROOVING SQUARE SHANK HOLDERS

Full Line Available!
Please call for more information.



LATHES CHUCKS
LIVE CENTERS

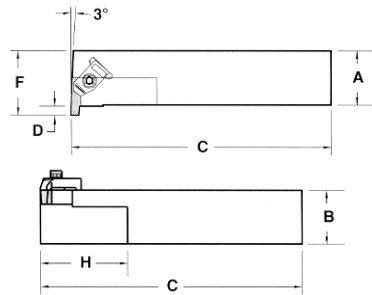
VICE JAWS
VICE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

LATHES BUSHINGS
DRILL CHUCKS

Style	For Use With Insert Hand	A	B	C	D	F	ToolFlo Part Number	Price Each	Dorian Part Number	Price Each	Canela Part Number	Price Each
GT-2	RIGHT	0.500	0.500	3.500	0.138	0.750	T-FLSR-82V	\$67.04	-	-	-	-
	RIGHT	0.625	0.625	4.500	0.138	0.875	-	-	DN-NSR10-2B	\$60.89	-	-
	LEFT	0.625	0.625	4.500	0.138	0.875	-	-	DN-NSL10-2B	\$60.89	-	-
	RIGHT	0.750	0.750	4.500	0.138	1.000	T-FLSR-122B	\$71.53	DN-NSR12-2B	\$63.72	-	-
GT-3	LEFT	0.750	0.750	4.500	0.138	1.000	T-FLSL-122B	\$70.41	DN-NSL12-2B	\$63.72	-	-
	RIGHT	0.750	0.750	4.000	0.210	1.000	-	-	DN-NSR12-3A	\$63.72	-	-
	LEFT	0.750	0.750	4.000	0.210	1.000	-	-	DN-NSL12-3A	\$63.72	-	-
	RIGHT	0.750	0.750	4.500	0.210	1.000	T-FLSR-123B	\$71.53	DN-NSR12-3B	\$63.72	CA-CLSR12-3B	\$60.20
GT-2	LEFT	0.750	0.750	4.500	0.210	1.000	T-FLSL-123B	\$70.41	DN-NSL12-3B	\$63.72	CA-CLSL12-3B	\$60.20
	RIGHT	1.000	1.000	5.000	0.138	1.250	T-FLSR-162C	\$72.66	DN-NSR16-2C	\$76.15	-	-
	LEFT	1.000	1.000	5.000	0.138	1.250	T-FLSL-162C	\$71.53	DN-NSL16-2C	\$64.65	-	-
	RIGHT	1.000	1.000	5.000	0.210	1.250	T-FLSR-163C	\$72.66	DN-NSR16-3C	\$64.65	-	-
GT-3	LEFT	1.000	1.000	5.000	0.210	1.250	T-FLSL-163C	\$71.53	DN-NSL16-3C	\$64.65	-	-
	RIGHT	1.000	1.000	6.000	0.210	1.250	T-FLSR-163D	\$72.66	DN-NSR16-3D	\$64.65	CA-CLSR16-3D	\$61.14
	LEFT	1.000	1.000	6.000	0.210	1.250	T-FLSL-163D	\$71.53	DN-NSL16-3D	\$64.65	CA-CLSL16-3D	\$61.14
	RIGHT	1.000	1.000	5.000	0.294	1.250	-	-	DN-NSR16-4C	\$64.65	-	-
GT-4	LEFT	1.000	1.000	5.000	0.294	1.250	-	-	DN-NSL16-4C	\$64.65	-	-
	RIGHT	1.000	1.000	6.000	0.294	1.250	T-FLSR-164D	\$66.73	DN-NSR16-4D	\$64.65	CA-CLSR16-4D	\$61.14
	LEFT	1.000	1.000	6.000	0.294	1.250	T-FLSL-164D	\$71.53	DN-NSL16-4D	\$64.65	CA-CLSL16-4D	\$61.14
	RIGHT	1.250	1.250	6.000	0.210	1.500	T-FLSR-203D	\$80.10	-	-	CA-CLSR20-3D	\$69.60
GT-3	LEFT	1.250	1.250	6.000	0.210	1.500	T-FLSL-203D	\$80.52	-	-	CA-CLSL20-3D	\$69.60
	RIGHT	1.250	1.250	6.000	0.294	1.500	T-FLSR-204D	\$80.10	DN-NSR20-4D	\$73.86	CA-CLSR20-4D	\$69.60
GT-4	LEFT	1.250	1.250	6.000	0.294	1.500	T-FLSL-204D	\$80.52	DN-NSL20-4D	\$73.86	CA-CLSL20-4D	\$69.60
	RIGHT	1.250	1.250	6.000	0.400	1.500	T-FLSR-205D	\$80.10	-	-	-	-
GT-5	LEFT	1.250	1.250	6.000	0.400	1.500	T-FLSL-205D	\$80.52	-	-	-	-

EXTERNAL THREADING/GROOVING SQUARE SHANK HOLDERS

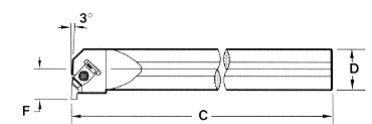


Uses opposite hand inserts. Right hand holder uses left hand inserts.

Style	Left or Right	A	B	C	D	F	H	ToolFlo Part Number	Price Each	Dorian Part Number	Price Each
GT-2	RIGHT	1.000	1.000	5.000	0.140	1.250	1.000	T-FLER-162C	\$71.53	-	-
	LEFT	1.000	1.000	5.000	0.140	1.250	1.000	T-FLEL-162C	\$71.53	-	-
GT-3	RIGHT	0.750	0.750	4.500	0.210	1.125	2.000	T-FLER-123B	\$64.99	DN-NER12-3B	\$63.72
	LEFT	0.750	0.750	4.500	0.210	1.125	2.000	T-FLEL-123B	\$70.41	DN-NEL12-3B	\$63.72
	RIGHT	1.000	1.000	6.000	0.210	1.250	2.000	T-FLER-163D	\$71.53	DN-NER16-3D	\$64.65
	LEFT	1.000	1.000	6.000	0.210	1.250	2.000	T-FLEL-163D	\$71.53	DN-NEL16-3D	\$64.65
	RIGHT	1.250	1.250	6.000	0.210	1.500	2.000	T-FLER-203D	\$80.52	-	-
	LEFT	1.250	1.250	6.000	0.210	1.500	2.000	T-FLEL-203D	\$80.52	-	-
GT-4	RIGHT	1.000	1.000	6.000	0.290	1.375	2.000	T-FLER-164D	\$71.53	DN-NER16-4D	\$64.65
	LEFT	1.000	1.000	6.000	0.290	1.375	2.000	T-FLEL-164D	\$71.53	DN-NEL16-4D	\$64.65
	RIGHT	1.250	1.250	6.000	0.290	1.625	2.000	T-FLER-204D	\$80.52	-	-
	LEFT	1.250	1.250	6.000	0.290	1.625	2.000	T-FLEL-204D	\$80.52	-	-

CARBIDE INSERTS
THREADING/GROOVING

INTERNAL THREADING/GROOVING BORING BARS



Uses opposite hand inserts. Right hand bar uses left hand inserts.

Style	Left or Right	Min. Bore	C	D	F	ToolFlo Part Number	Price Each	Dorian Part Number	Price Each	Canela Part Number	Price Each
GT-2	RIGHT	1.000	10	.625	.500	T-A10-FLER2	\$119.59	DN-S10S-NER-2	\$106.52	-	-
	LEFT	1.000	10	.625	.500	T-A10-FLEL2	\$119.59	DN-S10S-NEL-2	\$106.52	-	-
	RIGHT	1.125	10	.750	.562	T-A12-FLER2	\$191.65	DN-S12S-NER-2	\$127.12	-	-
	LEFT	1.125	10	.750	.562	T-A12-FLEL2	\$143.19	DN-S12S-NEL-2	\$149.71	-	-
	RIGHT	1.375	12	1.00	.688	T-A16-FLER2	\$183.64	-	-	-	-
	LEFT	1.375	12	1.00	.688	T-A16-FLEL2	\$183.64	-	-	-	-
GT-3	RIGHT	1.375	12	1.00	.688	T-A16-FLER3	\$183.64	DN-S16T-NER-3	\$162.32	CA-A16T-CLER3	\$153.30
	LEFT	1.375	12	1.00	.688	T-A16-FLEL3	\$183.64	DN-S16T-NEL-3	\$191.17	CA-A16T-CLEL3	\$153.30
	RIGHT	1.750	14	1.25	.875	T-A20-FLER3	\$194.88	DN-S20U-NER-3	\$172.12	CA-A20U-CLER3	\$162.71
	LEFT	1.750	14	1.25	.875	T-A20-FLEL3	\$194.88	DN-S20U-NEL-3	\$172.12	CA-A20U-CLEL3	\$162.71
	RIGHT	2.000	14	1.50	1.000	T-A24-FLER3	\$227.46	DN-S24U-NER-3	\$206.91	-	-
	LEFT	2.000	14	1.50	1.000	T-A24-FLEL3	\$227.46	DN-S24U-NEL-3	\$206.91	-	-
	RIGHT	2.250	14	1.75	1.125	T-A28-FLER3	\$248.81	-	-	CA-A28U-CLER3	\$205.98
	LEFT	2.250	14	1.75	1.125	-	-	-	CA-A28U-CLEL3	\$205.98	
	RIGHT	2.500	16	2.00	1.250	T-A32-FLER3	\$247.68	-	-	CA-A32V-CLER3	\$237.01
	LEFT	2.500	16	2.00	1.250	T-A32-FLEL3	\$266.79	-	-	CA-A32V-CLEL3	\$237.01
GT-4	RIGHT	2.500	14	1.75	1.125	-	-	DN-S28U-NER-4	\$216.81	CA-A28U-CLER4	\$205.98
	LEFT	2.500	14	1.75	1.125	-	-	DN-S28U-NEL-4	\$216.81	CA-A28U-CLEL4	\$205.98
	RIGHT	2.750	16	2.00	1.296	T-A32-FLER4	\$266.79	DN-S32V-NER-4	\$249.48	CA-A32V-CLER4	\$237.01
	LEFT	2.750	16	2.00	1.296	T-A32-FLEL4	\$266.79	DN-S32V-NEL-4	\$249.48	CA-A32V-CLEL4	\$237.01

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE

Call Us Or Visit Our Website For Our Complete Selection!

2010-11 Master Catalog

369

