
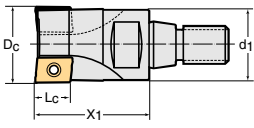
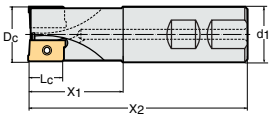
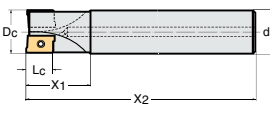
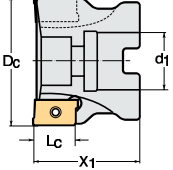


**Xtra-tec®**

Tool	Designation	D <sub>C</sub> in	d <sub>1</sub> in	X <sub>1</sub> in	X <sub>2</sub> in	L <sub>C</sub> in	Z		No. of inserts	Type
<b>Screw-Fit Head</b> 	F4042.UT09.013.Z01.08	0.500	0.382	0.787		0.315	1	0.22	1	AD . . 0803 . .
	F4042.UT14.015.Z02.08*	0.625	0.571	0.984		0.315	2	0.22	2	
	F4042.UT18.019.Z02.08*	0.750	0.728	1.181		0.315	2	0.22	2	
	F4042.UT18.019.Z03.08*	0.750	0.728	1.181		0.315	3	0.22	3	
	F4042.UT22.026.Z03.08*	1.000	0.866	1.378		0.315	3	0.22	3	
	F4042.UT22.026.Z04.08*	1.000	0.866	1.378		0.315	4	0.22	4	
	F4042.UT28.031.Z04.08*	1.250	1.102	1.575		0.315	4	0.44	4	
	F4042.UT28.031.Z05.08*	1.250	1.102	1.575		0.315	5	0.44	5	
	F4042.UT36.038.Z04.08*	1.500	1.417	1.575		0.315	4	0.77	4	
	F4042.UT36.038.Z06.08*	1.500	1.417	1.575		0.315	6	0.77	6	
	F4042.UT45.051.Z05.08*	2.000	1.772	1.575		0.315	5	1.10	5	
	F4042.UT45.051.Z07.08*	2.000	1.772	1.575		0.315	7	1.10	7	
<b>Weldon Shank</b> 	F4042.UW15.013.Z01.08	0.500	0.625	0.827	2.733	0.315	1	0.22	1	AD . . 0803 . .
	F4042.UW15.015.Z02.08*	0.625	0.625	0.945	2.851	0.315	2	0.22	2	
	F4042.UW19.019.Z03.08*	0.750	0.750	0.945	2.976	0.315	3	0.44	3	
	F4042.UW26.026.Z04.08*	1.000	1.000	1.181	3.462	0.315	4	0.66	4	
	F4042.UW31.031.Z05.08*	1.250	1.250	1.181	3.462	0.315	5	1.32	5	
	F4042.UW31.038.Z06.08*	1.500	1.250	1.378	3.659	0.315	6	1.54	6	
<b>Cyl. Shank Without Flats</b> 	F4042.UZ15.013Z01.08	0.500	0.625	1.250	6.250	0.315	1	0.44	1	AD . . 0803 . .
	F4042.UZ15.015.Z02.08*	0.625	0.625	1.630	7.000	0.315	2	0.66	2	
	F4042.UZ19.019.Z02.08*	0.750	0.750	1.630	8.000	0.315	2	1.10	2	
	F4042.UZ26.026.Z03.08*	1.000	1.000	1.750	8.000	0.315	3	1.54	3	
<b>Shell Mill Mount</b> 	F4042.UB.038.Z06.08*	1.500	0.500	1.575		0.315	6	0.44	6	AD . . 0803 . .
	F4042.UB.051.Z07.08*	2.000	0.750	1.575		0.315	7	0.77	7	

The standard equipment comprises the body with assembly parts and screw driver, but without indexable inserts. You can shorten the tools with cylindrical shank according to your individual requirements. Fork wrench for Screw-Fit head, see page 697.

\* **pre-balanced**

# NOVEX<sup>®</sup> Shoulder Milling Cutter

$\kappa = 90^\circ$

## F 4042



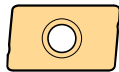
AD . . 0803



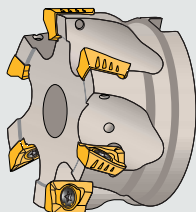
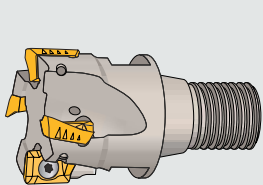
Assembly parts		$D_C = 0.500 - 0.750$ in	$D_C = 1.000 - 2.000$
	Clamping screw for indexable insert	FS 1455 (Torx 8 IP)	FS 1454 (Torx 8 IP)
	Tightening torque	11 in lb	11 in lb

Accessories		
	Screw driver	FS 1483 (Torx 8 IP)

Indexable inserts					P				M		K		N		S	H		
Designation	Radius in	Width of corner facet in	HC				HC		HC		HC	HW	HC		HC	HC	HF	
			WKP 25	WKP 35	WSP 45	WXP 45	WSM 35	WSM 35	WAK 15	WKP 25	WKP 35	WXN 15	WK 10	WSM 35	WSP 45	WXH 15	WSM 15	WMC 40
			ADGT 0803 PER – D 56	0.016	0.047	☺	☺					☺	☺					
ADHT 0803 PER – G 88	0.016	0.047									☺	☺						
ADKT 0803 PER – F 56	0.016	0.047	☺	☺	☺	☺			☺	☺					☺			
ADMT 080302 R – F 56	0.008	0.047		☺	☺	☺	☺							☺	☺			
ADMT 080304 R – D 56	0.016	0.047	☺	☺	☺				☺	☺					☺			
ADMT 080304 R – F 56	0.016	0.047	☺	☺	☺	☺	☺		☺	☺				☺	☺			
ADMT 080304 R – G 56	0.016	0.047		☺	☺	☺	☺							☺	☺			
ADMT 080308 R – F 56	0.031	0.047		☺	☺	☺	☺							☺	☺			



→ 408	→ 620	→ 568	



**Xtra-tec®**

Tool	Designation	D <sub>C</sub> in	d <sub>1</sub> in	X <sub>1</sub> in	X <sub>2</sub> in	L <sub>C</sub> in	Z	lbs	No. of inserts	Type
Screw-Fit Head 	F4042.UT22.026.Z03.11	1.000	0.866	1.378		0.461	3	0.22	3	AD .. 1204 ..
	F4042.UT28.031.Z03.11	1.250	1.102	1.575		0.461	3	0.44	3	
	F4042.UT28.031.Z04.11	1.250	1.102	1.575		0.461	4	0.44	4	
	F4042.UT36.038.Z03.11	1.500	1.417	1.575		0.461	3	0.77	3	
	F4042.UT36.038.Z05.11	1.500	1.417	1.575		0.461	5	0.77	5	
	F4042.UT45.051.Z04.11	2.000	1.772	1.575		0.461	4	1.10	4	
	F4042.UT45.051.Z06.11	2.000	1.772	1.575		0.461	6	1.10	6	
Weldon Shank 	F4042.UW26.026.Z03.11	1.000	1.000	1.339	3.620	0.461	3	0.77	3	AD .. 1204 ..
	F4042.UW31.031.Z04.11	1.250	1.250	1.417	3.698	0.461	4	1.32	4	
	F4042.UW38.038.Z05.11	1.500	1.500	1.377	4.065	0.461	5	1.54	5	
Cyl. Shank Without Flats 	F4042.UZ26.026.Z03.11	1.000	1.000	1.500	8.000	0.461	3	1.54	3	AD .. 1204 ..
	F4042.UZ31.031.Z04.11	1.250	1.250	1.630	10.000	0.461	4	3.30	4	
	F4042.UZ38.038.Z05.11	1.500	1.500	1.750	10.000	0.461	5	3.50	5	
Shell Mill Mount 	F4042.UB.038.Z03.11	1.500	0.500	1.575		0.461	3	0.44	3	AD .. 1204 ..
	F4042.UB.038.Z05.11	1.500	0.500	1.575		0.461	5	0.44	5	
	F4042.UB.051.Z04.11	2.000	0.750	1.575		0.461	4	0.66	4	
	F4042.UB.051.Z06.11	2.000	0.750	1.575		0.461	6	0.66	6	
	F4042.UB.064.Z05.11	2.500	1.000	1.575		0.461	5	1.32	5	
	F4042.UB.064.Z07.11	2.500	1.000	1.575		0.461	7	1.32	7	
	F4042.UB.076.Z06.11	3.000	1.000	1.969		0.461	6	2.42	6	
	F4042.UB.076.Z08.11	3.000	1.000	1.969		0.461	8	2.42	8	

The standard equipment comprises the body with assembly parts and screw driver, but without indexable inserts. You can shorten the tools with cylindrical shank according to your individual requirements. Fork wrench for Screw-Fit Head, see page 697. All tools are **pre-balanced**.

# NOVEX<sup>®</sup> Shoulder Milling Cutter

$\kappa = 90^\circ$

## F 4042



AD . . 1204



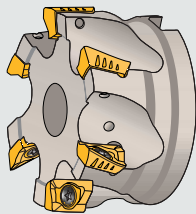
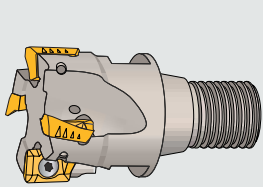
Assembly parts		D <sub>C</sub> = 1.000 in	D <sub>C</sub> = 1.250 – 3.000 in
	Clamping screw for indexable insert	FS 1456 (Torx 9 IP)	FS 1457 (Torx 9 IP)
	Tightening torque	18 in lb	18 in lb

Accessories		
	Screw driver	FS 1484 (Torx 9 IP)


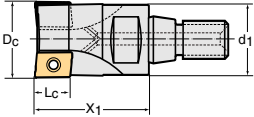
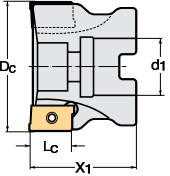
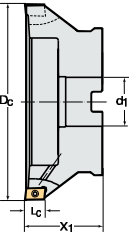
Indexable inserts			P		M		K		N		S		H					
Designation	Radius in	Width of corner facet in	HC				HC		HC		HC	HW	HC	HC	HC	HF		
			WKP 25	WKP 35	WSP 45	WXP 45	WSM 35	WXM 35	WAK 15	WKP 25	WKP 35	WXN 15	WK 10	WSM 35	WSP 45	WXH 15	WXM 15	WMC 40
ADGT 1204 PER – D 56	0.031	0.047	☺	☺					☺	☺								
ADHT 1204 PER – G 88	0.031	0.047							☺	☺								
ADKT 1204 PER – F 56	0.031	0.047	☺	☺	☺	☺			☺	☺	☺			☺				
ADMT 120408 R – D 56	0.031	0.047	☺	☺					☺	☺	☺							
ADMT 120408 R – F 56	0.031	0.047	☺	☺	☺	☺			☺	☺	☺			☺	☺			
ADMT 120408 R – G 56	0.031	0.047		☺	☺	☺	☺						☺	☺				
ADMT 120404 R – F 56	0.016	0.047		☺	☺	☺	☺			☺			☺	☺				
ADMT 120412 R – F 56	0.047	0.047		☺	☺	☺	☺			☺			☺	☺				
ADMT 120416 R – F 56	0.063	0.039		☺	☺	☺	☺			☺			☺	☺				
ADMT 120420 R – F 56	0.079	0.039		☺	☺	☺	☺			☺			☺	☺				
ADMT 120425 R – F 56	0.098	0.031		☺	☺	☺	☺			☺			☺	☺				
ADMT 120430 R – F 56	0.118	0.031		☺	☺	☺	☺			☺			☺	☺				
ADMT 120432 R – F 56	0.126	0.031		☺	☺	☺	☺			☺			☺	☺				
ADMT 120440 R – F 56	0.157			☺	☺	☺	☺			☺			☺	☺				



→ 408	→ 620		→ 568



**Xtra-tec®**

Tool	Designation	D <sub>C</sub> in	d <sub>1</sub> in	X <sub>1</sub> in	X <sub>2</sub> in	L <sub>C</sub> in	Z	 lbs	No. of inserts	Type
Screw-Fit Head 	F4042.UT36.038.Z03.15	1.500	1.417	1.575		0.591	3	0.77	3	AD .. 1606 ..
	F4042.UT36.038.Z04.15	1.500	1.417	1.575		0.591	4	0.77	4	
	F4042.UT45.051.Z03.15	2.000	1.772	1.575		0.591	3	1.10	3	
	F4042.UT45.051.Z05.15	2.000	1.772	1.575		0.591	5	1.10	5	
Shell Mill Mount   	F4042.UB.038.Z03.15	1.500	0.500	1.575		0.591	3	0.44	3	AD .. 1606 ..
	F4042.UB.038.Z04.15	1.500	0.500	1.575		0.591	4	0.44	4	
	F4042.UB.051.Z03.15	2.000	0.750	1.575		0.591	3	0.66	3	
	F4042.UB.051.Z05.15	2.000	0.750	1.575		0.591	5	0.66	5	
	F4042.UB.064.Z04.15	2.500	1.000	1.575		0.591	4	1.32	4	
	F4042.UB.064.Z06.15	2.500	1.000	1.575		0.591	6	1.32	6	
	F4042.UB.076.Z05.15	3.000	1.000	1.969		0.591	5	2.20	5	
	F4042.UB.076.Z07.15	3.000	1.000	1.969		0.591	7	2.42	7	
	F4042.UB.102.Z05.15	4.000	1.250	1.969		0.591	5	3.52	5	
	F4042.UB.102.Z08.15	4.000	1.250	1.969		0.591	8	3.74	8	
	F4042.UB.127.Z07.15	5.000	1.500	2.480		0.591	7	7.04	7	AD .. 1606 ..
	F4042.UB.127.Z10.15	5.000	1.500	2.480		0.591	10	7.48	10	
	F4042.UB.152.Z08.15	6.000	1.500	2.480		0.591	8	8.80	8	
	F4042.UB.152.Z12.15	6.000	1.500	2.480		0.591	12	9.46	12	

The standard equipment comprises the body with assembly parts and screw driver, but without indexable inserts. Fork wrench for Screw-Fit head, see page 697. All tools are **pre-balanced**.

# NOVEX<sup>®</sup> Shoulder Milling Cutter

$\kappa = 90^\circ$

F 4042



AD . . 1606



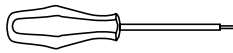
## Assembly parts



Clamping screw  
for indexable insert  
  
Tightening torque

FS 1453 (Torx 15 IP)  
  
31 in lb

## Accessories



Screw driver

FS 1485 (Torx 15 IP)

## Indexable inserts

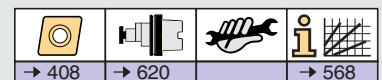


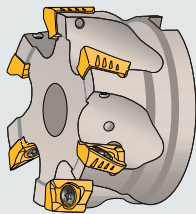
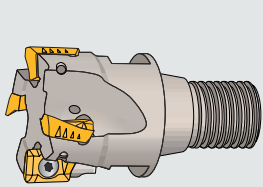
Designation	Radius in	Width of corner facet in	P				M		K			N		S		H			
			HC				HC		HC			HC	HW	HC		HC	HC	HF	
			WKP 25	WKP 35	WSP 45	WXP 45	WSM 35	WSM 35	WAK 15	WKP 25	WKP 35	WXN 15	WK 10	WSM 35	WSP 45	WXH 15	WXM 15	WXM 40	
ADGT 1606 PER – D 56	0.031	0.063	☺	☺				☺	☺										
ADHT 1606 PER – G 88	0.031	0.063								☺	☺								
ADKT 1606 PER – F 56	0.031	0.063	☺	☺	☺	☺		☺	☺	☺				☺					
ADMT 160608 R – D 56	0.031	0.063	☺	☺	☺	☺		☺	☺	☺									
ADMT 160608 R – F 56	0.031	0.063	☺	☺	☺	☺		☺	☺	☺				☺	☺				
ADMT 160608 R – G 56	0.031	0.063		☺	☺	☺	☺			☺				☺	☺				
ADMT 160612 R – F 56	0.047	0.063		☺	☺	☺	☺			☺				☺	☺				
ADMT 160616 R – F 56	0.063	0.055		☺	☺	☺	☺			☺				☺	☺				
ADMT 160620 R – F 56	0.079	0.055		☺	☺	☺	☺			☺				☺	☺				
ADMT 160625 R – F 56	0.098	0.047		☺	☺	☺	☺			☺				☺	☺				
ADMT 160630 R – F 56	0.118	0.047		☺	☺	☺	☺			☺				☺	☺				
ADMT 160632 R – F 56	0.126	0.047		☺	☺	☺	☺			☺				☺	☺				
ADMT 160640 R – F 56	0.157	0.039		☺	☺	☺	☺			☺				☺	☺				
ADMT 160650 R – F 56	0.197			☺	☺	☺	☺			☺				☺	☺				
ADMT 160660 R – F 56	0.236			☺	☺	☺	☺			☺				☺	☺				




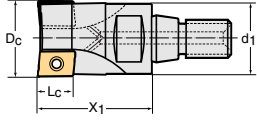
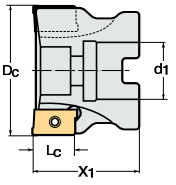
**WKP WAK**  
Tiger tec<sup>®</sup> - CVD

**WSM WSP**  
Tiger tec<sup>®</sup> - PVD





**Xtra-tec®**

Tool	Designation	D <sub>C</sub> in	d <sub>1</sub> in	X <sub>1</sub> in	X <sub>2</sub> in	L <sub>C</sub> in	Z	 lbs	No. of inserts	Type
Screw-Fit Head 	F4042.UT45.051.Z04.16*	2.000	1.772	1.575		0.630	4	1.10	4	AD .. 1807 ..
Shell Mill Mount 	F4042.UB19.064.Z05.16*	2.500	0.750	2.000		0.630	5	1.32	5	AD .. 1807 ..
	F4042.UB26.076.Z06.16*	3.000	1.000	2.000		0.630	6	2.31	6	
	F4042.UB38.102.Z07.16*	4.000	1.500	2.000		0.630	7	3.63	7	
	F4042.UB38.127.Z08.16*	5.000	1.500	2.500		0.630	8	7.10	8	
	F4042.UB51.152.Z10.16*	6.000	2.000	2.500		0.630	10	9.15	10	

The standard equipment comprises the body with assembly parts and screw driver, but without indexable inserts.  
Fork wrench for Screw-Fit head, see page 697.

All tools are **pre-balanced**.

\* Available February 2006

# NOVEX<sup>®</sup> Shoulder Milling Cutter

$\kappa = 90^\circ$

## F 4042



AD . . 1807



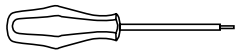
### Assembly parts



Clamping screw  
for indexable insert  
  
Tightening torque

FS 1495 (Torx 20 IP)  
  
44 in lbs

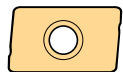
### Accessories



Screw driver

FS 1486 (Torx 20 IP)

### Indexable inserts



Designation	Radius in	Width of corner facet in	P		M		K		N		S		H			
			HC		HC		HC		HC	HW	HC		HC	HC	HF	
			WKP 25	WKP 35	WSP 45	WXP 45	WSM 35	WXM 35	WAK 15	WKP 25	WKP 35	WXN 15	WK 10	WSM 35	WSP 45	WXH 15
ADMT 180712R – D56	0.047	0.071	☺	☹					☹	☹						



→ 408	→ 620		→ 568