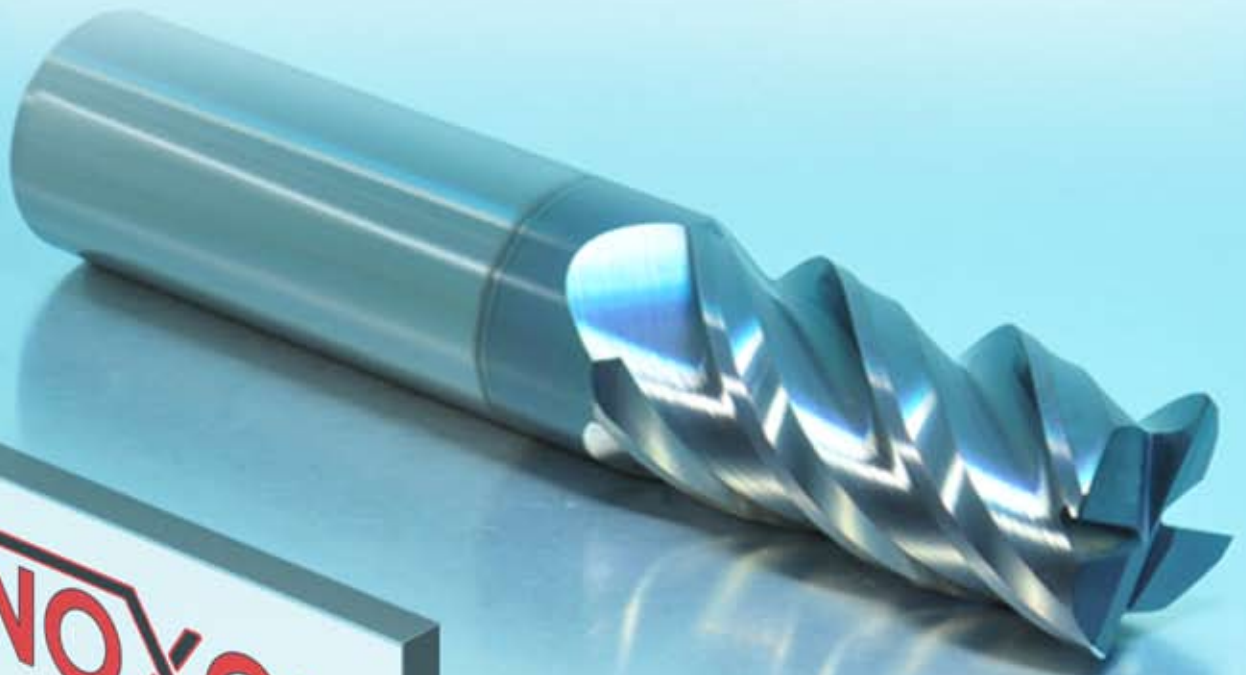


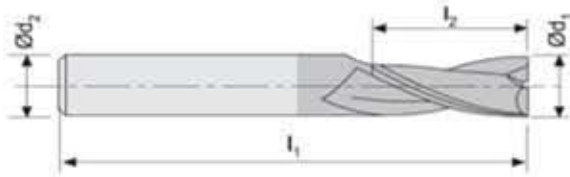
www.noxon-tools.com

NOXON



2011

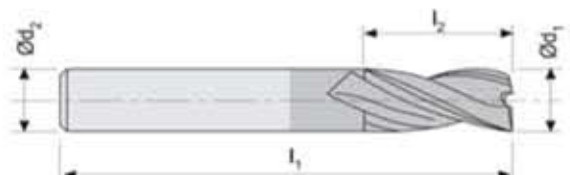
Solid Carbide Catalog
End Mills

IFD202**Solid Carbide End Mills, Short****Application Range**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD202-0125 ATN	1/8	1.5"	1/4	1/8	2
IFD202-0187 ATN	3/16	1.5"	3/8	3/16	2
IFD202-0250 ATN	1/4	2"	1/2	1/4	2
IFD202-0312 ATN	5/16	2"	1/2	5/16	2
IFD202-0375 ATN	3/8	2"	5/8	3/8	2
IFD202-0437 ATN	7/16	2.5"	5/8	7/16	2
IFD202-0500 ATN	1/2	2.5"	5/8	1/2	2
IFD202-0625 ATN	5/8	3"	3/4	5/8	2
IFD202-0750 ATN	3/4	3"	1	3/4	2

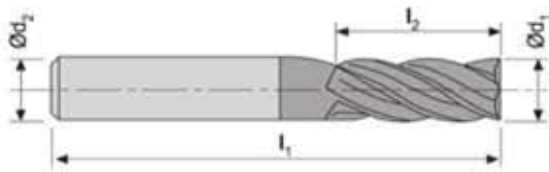
**IFD203****Solid Carbide End Mills, Short****Application Range**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD203-0125 ATN	1/8	1.5"	1/4	1/8	3
IFD203-0187 ATN	3/16	1.5"	3/8	3/16	3
IFD203-0250 ATN	1/4	2"	1/2	1/4	3
IFD203-0312 ATN	5/16	2"	1/2	5/16	3
IFD203-0375 ATN	3/8	2"	5/8	3/8	3
IFD203-0437 ATN	7/16	2.5"	5/8	7/16	3
IFD203-0500 ATN	1/2	2.5"	5/8	1/2	3
IFD203-0625 ATN	5/8	3"	3/4	5/8	3
IFD203-0750 ATN	3/4	3"	1	3/4	3



IFD204**Solid Carbide End Mills,
Short****Application Range****NOXON**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	Z
IFD204-0125 ATN	1/8	1.5"	1/4	1/8	4
IFD204-0187 ATN	3/16	1.5"	3/8	3/16	4
IFD204-0250 ATN	1/4	2"	1/2	1/4	4
IFD204-0312 ATN	5/16	2"	1/2	5/16	4
IFD204-0375 ATN	3/8	2"	5/8	3/8	4
IFD204-0437 ATN	7/16	2.5"	5/8	7/16	4
IFD204-0500 ATN	1/2	2.5"	5/8	1/2	4
IFD204-0625 ATN	5/8	3"	3/4	5/8	4
IFD204-0750 ATN	3/4	3"	1	3/4	4

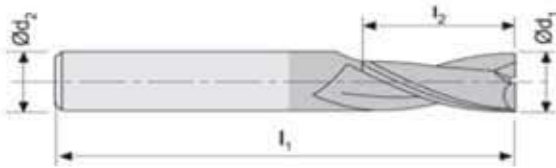


IFD402

Solid Carbide End Mills, Long

Application Range

NOXON



- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD402-0125 ATN	1/8	2"	5/8	1/8	2
IFD402-0187 ATN	3/16	2"	5/8	3/16	2
IFD402-0250 ATN	1/4	2.5"	3/4	1/4	2
IFD402-0312 ATN	5/16	2.5"	13/16	5/16	2
IFD402-0375 ATN	3/8	2.5"	1	3/8	2
IFD402-0437 ATN	7/16	2 3/4"	1	7/16	2
IFD402-0500 ATN	1/2	3"	1	1/2	2
IFD402-0625 ATN	5/8	3.5"	1 1/4	5/8	2
IFD402-0750 ATN	3/4	4"	1 1/2	3/4	2
IFD402-1000 ATN	1	4"	1 1/2	1	2

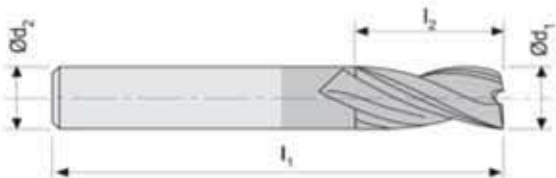


IFD403

Solid Carbide End Mills, Long

Application Range

NOXON

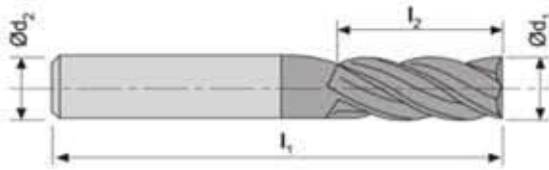


- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD403-0125 ATN	1/8	2"	5/8	1/8	3
IFD403-0187 ATN	3/16	2"	5/8	3/16	3
IFD403-0250 ATN	1/4	2.5"	3/4	1/4	3
IFD403-0312 ATN	5/16	2.5"	13/16	5/16	3
IFD403-0375 ATN	3/8	2.5"	1	3/8	3
IFD403-0437 ATN	7/16	2 3/4"	1	7/16	3
IFD403-0500 ATN	1/2	3"	1	1/2	3
IFD403-0625 ATN	5/8	3.5"	1 1/4	5/8	3
IFD403-0750 ATN	3/4	4"	1 1/2	3/4	3
IFD403-1000 ATN	1	4"	1 1/2	1	3



IFD404**Solid Carbide End Mills,
Long****Application Range****NOXON**

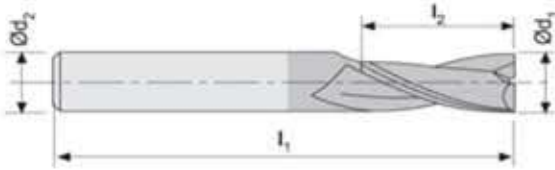
- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD404-0125 ATN	1/8	2"	5/8	1/8	4
IFD404-0187 ATN	3/16	2"	5/8	3/16	4
IFD404-0250 ATN	1/4	2.5"	3/4	1/4	4
IFD404-0312 ATN	5/16	2.5"	13/16	5/16	4
IFD404-0375 ATN	3/8	2.5"	1	3/8	4
IFD404-0437 ATN	7/16	2 3/4"	1	7/16	4
IFD404-0500 ATN	1/2	3"	1	1/2	4
IFD404-0625 ATN	5/8	3.5"	1 1/4	5/8	4
IFD404-0750 ATN	3/4	4"	1 1/2	3/4	4
IFD404-1000 ATN	1	4"	1 1/2	1	4

IFD602**Solid Carbide End Mills,
Extra Long****Application Range**

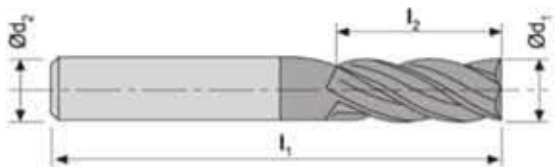
- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

NOXON

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD602-0125 ATN	1/8	3"	3/4	1/8	2
IFD602-0187 ATN	3/16	3"	3/4	3/16	2
IFD602-0250 ATN	1/4	3"	1 1/8	1/4	2
IFD602-0312 ATN	5/16	3"	1 1/8	5/16	2
IFD602-0375 ATN	3/8	3"	1 1/8	3/8	2
IFD602-0437 ATN	7/16	4"	2	7/16	2
IFD602-0500 ATN	1/2	4"	2	1/2	2
IFD602-0625 ATN	5/8	5"	2 1/4	5/8	2
IFD602-0750 ATN	3/4	5"	2 1/4	3/4	2
IFD602-1000 ATN	1	5"	2 1/4	1	2

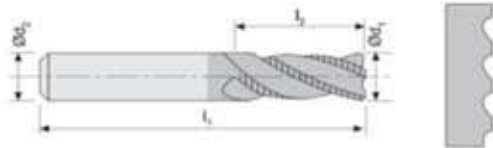
**IFD604****Solid Carbide End Mills,
Extra Long****Application Range**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

NOXON

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFD604-0125 ATN	1/8	3"	3/4	1/8	4
IFD604-0187 ATN	3/16	3"	3/4	3/16	4
IFD604-0250 ATN	1/4	3"	1 1/8	1/4	4
IFD604-0312 ATN	5/16	3"	1 1/8	5/16	4
IFD604-0375 ATN	3/8	3"	1 1/8	3/8	4
IFD604-0437 ATN	7/16	4"	2	7/16	4
IFD604-0500 ATN	1/2	4"	2	1/2	4
IFD604-0625 ATN	5/8	5"	2 1/4	5/8	4
IFD604-0750 ATN	3/4	5"	2 1/4	3/4	4
IFD604-1000 ATN	1	5"	2 1/4	1	4



IFKT404**Solid Carbide Roughing
End Mills,****Application Range**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFKT404-0125 ATN	1/8	2"	5/8	1/8	4
IFKT404-0187 ATN	3/16	2"	5/8	3/16	4
IFKT404-0250 ATN	1/4	2.5"	3/4	1/4	4
IFKT404-0312 ATN	5/16	2.5"	13/16	5/16	4
IFKT404-0375 ATN	3/8	2.5"	1	3/8	4
IFKT404-0437 ATN	7/16	2 3/4"	1	7/16	4
IFKT404-0500 ATN	1/2	3"	1	1/2	4
IFKT404-0625 ATN	5/8	3.5"	1 1/4	5/8	4
IFKT404-0750 ATN	3/4	4"	1 1/2	3/4	4
IFKT404-1000 ATN	1	4"	1 1/2	1	4

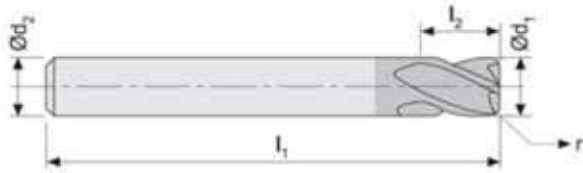
IFD404R

Solid Carbide End Mills, With Corner Radius

Application Range



- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



K30F



Z=4

-30°



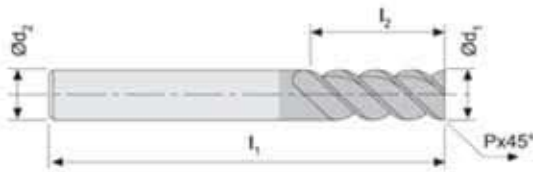
HRC <48



Order Code	d1	r	l1	l2	d2	z
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IFD404R-015-0125 ATN	1/8	0.015"	2"	5/8	1/8	4
IFD404R-020-0125 ATN	1/8	0.020"	2"	5/8	1/8	4
IFD404R-015-0187 ATN	3/16	0.015"	2"	5/8	3/16	4
IFD404R-020-0187 ATN	3/16	0.020"	2"	5/8	3/16	4
IFD404R-015-0250 ATN	1/4	0.015"	2.5"	3/4	1/4	4
IFD404R-020-0250 ATN	1/4	0.020"	2.5"	3/4	1/4	4
IFD404R-030-0250 ATN	1/4	0.030"	2.5"	3/4	1/4	4
IFD404R-045-0250 ATN	1/4	0.045"	2.5"	3/4	1/4	4
IFD404R-015-0312 ATN	5/16	0.015"	2.5"	13/16	5/16	4
IFD404R-020-0312 ATN	5/16	0.020"	2.5"	13/16	5/16	4
IFD404R-030-0312 ATN	5/16	0.030"	2.5"	13/16	5/16	4
IFD404R-045-0312 ATN	5/16	0.045"	2.5"	13/16	5/16	4
IFD404R-015-0375 ATN	3/8	0.015"	2.5"	1	3/8	4
IFD404R-020-0375 ATN	3/8	0.020"	2.5"	1	3/8	4
IFD404R-030-0375 ATN	3/8	0.030"	2.5"	1	3/8	4
IFD404R-045-0375 ATN	3/8	0.045"	2.5"	1	3/8	4
IFD404R-015-0437 ATN	7/16	0.015"	2 3/4"	1	7/16	4
IFD404R-020-0437 ATN	7/16	0.020"	2 3/4"	1	7/16	4
IFD404R-030-0437 ATN	7/16	0.030"	2 3/4"	1	7/16	4
IFD404R-045-0437 ATN	7/16	0.045"	2 3/4"	1	7/16	4
IFD404R-015-0500 ATN	1/2	0.015"	3"	1	1/2	4
IFD404R-020-0500 ATN	1/2	0.020"	3"	1	1/2	4
IFD404R-030-0500 ATN	1/2	0.030"	3"	1	1/2	4
IFD404R-045-0500 ATN	1/2	0.045"	3"	1	1/2	4
IFD404R-015-0625 ATN	5/8	0.015"	3.5"	1 1/4	5/8	4
IFD404R-020-0625 ATN	5/8	0.020"	3.5"	1 1/4	5/8	4
IFD404R-030-0625 ATN	5/8	0.030"	3.5"	1 1/4	5/8	4
IFD404R-045-0625 ATN	5/8	0.045"	3.5"	1 1/4	5/8	4
IFD404R-015-0750 ATN	3/4	0.015"	4"	1 1/2	3/4	4
IFD404R-020-0750 ATN	3/4	0.020"	4"	1 1/2	3/4	4
IFD404R-030-0750 ATN	3/4	0.030"	4"	1 1/2	3/4	4
IFD404R-045-0750 ATN	3/4	0.045"	4"	1 1/2	3/4	4
IFD404R-015-1000 ATN	1	0.015"	4"	1 1/2	1	4
IFD404R-020-1000 ATN	1	0.020"	4"	1 1/2	1	4
IFD404R-030-1000 ATN	1	0.030"	4"	1 1/2	1	4
IFD404R-045-1000 ATN	1	0.045"	4"	1 1/2	1	4

IFD40D**Solid Carbide End Mills,
Multi Flute Cutter****Application Range**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

NOXON

K30F

ATN

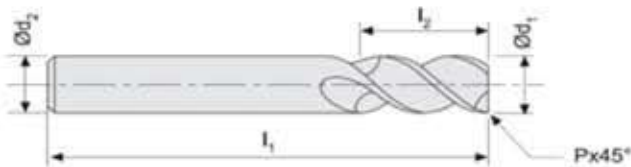
-45°

NOXON
TOOLS
Std.HRC
<65

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	Z	P (inch)
IFD40D-0125 ATN	1/8	2"	5/8	1/8	4	-
IFD40D-0187 ATN	3/16	2"	5/8	3/16	5	0.004x45°
IFD40D-0250 ATN	1/4	2.5"	3/4	1/4	6	0.004x45°
IFD40D-0312 ATN	5/16	2.5"	13/16	5/16	6	0.004x45°
IFD40D-0375 ATN	3/8	2.5"	1	3/8	6	0.004x45°
IFD40D-0437 ATN	7/16	2 3/4"	1	7/16	6	0.004x45°
IFD40D-0500 ATN	1/2	3"	1	1/2	6	0.006x45°
IFD40D-0625 ATN	5/8	3.5"	1 1/4	5/8	6	0.006x45°
IFD40D-0750 ATN	3/4	4"	1 1/2	3/4	6	0.006x45°
IFD40D-1000 ATN	1	4"	1 1/2	1	6	0.006x45°

IAC403**Solid Carbide End Mills,
For Aluminium Applications****Application Range**

- Non-ferrous Metal
- Aluminium
- Aluminium Alloys
- Copper
- Copper Alloys
- Plastics

NOXON

K30F



Z=3

45°

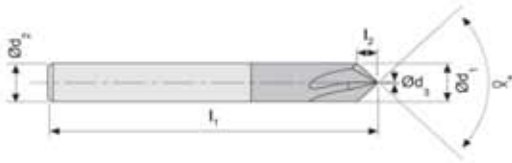
Al



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	Z
IAC403-0125	1/8	2"	5/8	1/8	4
IAC403-0187	3/16	2"	5/8	3/16	4
IAC403-0250	1/4	2.5"	3/4	1/4	4
IAC403-0312	5/16	2.5"	13/16	5/16	4
IAC403-0375	3/8	2.5"	1	3/8	4
IAC403-0437	7/16	2 3/4"	1	7/16	4
IAC403-0500	1/2	3"	1	1/2	4
IAC403-0625	5/8	3.5"	1 1/4	5/8	4
IAC403-0750	3/4	4"	1 1/2	3/4	4
IAC403-1000	1	4"	1 1/2	1	4

IFP90**Solid Carbide Chamfering End Mills,****Application Range**

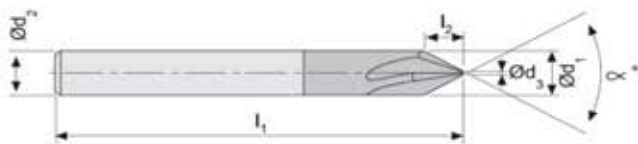
- General Steels
- Cast Steels
- Soft Structural Steels
- Tool Steels
- High-alloy Steel
- High Temperature Alloys
- Cast Materials
- Non-ferrous Metals
- Titanium Alloys
- Plastics

NOXON

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2	h6	z
IFP90-0250 ATN	1/4	2,5"	1/8	1/4		4
IFP90-0375 ATN	3/8	2,5"	3/16	3/8		4
IFP90-0500 ATN	1/2	3"	1/4	1/2		4
IFP90-0750 ATN	3/4	3"	3/8	3/4		4

**IFP60****Solid Carbide Chamfering End Mills,****Application Range**

- General Steels
- Cast Steels
- Soft Structural Steels
- Tool Steels
- High-alloy Steel
- High Temperature Alloys
- Cast Materials
- Non-ferrous Metals
- Titanium Alloys
- Plastics

NOXON

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFP60-0250 ATN	1/4	2,5"	3/16	1/4	4
IFP60-0375 ATN	3/8	2,5"	5/16	3/8	4
IFP60-0500 ATN	1/2	3"	7/16	1/2	4
IFP60-0750 ATN	3/4	3"	5/8	3/4	4

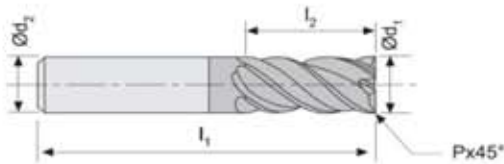


IPC404

Solid Carbide End Mills, PlusCut

Application Range

NOXON



- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

K30F

ATN

Z=4

~38°



HRC <48

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z	P (inch)
IPC404-0125 ATN	1/8	2"	5/8	1/8	4	0.004x45°
IPC404-0187 ATN	3/16	2"	5/8	3/16	4	0.006x45°
IPC404-0250 ATN	1/4	2.5"	3/4	1/4	4	0.008x45°
IPC404-0312 ATN	5/16	2.5"	13/16	5/16	4	0.008x45°
IPC404-0375 ATN	3/8	2.5"	1	3/8	4	0.010x45°
IPC404-0437 ATN	7/16	2 3/4"	1	7/16	4	0.010x45°
IPC404-0500 ATN	1/2	3"	1	1/2	4	0.015x45°
IPC404-0625 ATN	5/8	3.5"	1 1/4	5/8	4	0.015x45°
IPC404-0750 ATN	3/4	4"	1 1/2	3/4	4	0.020x45°
IPC404-1000 ATN	1	4"	1 1/2	1	4	0.020x45°

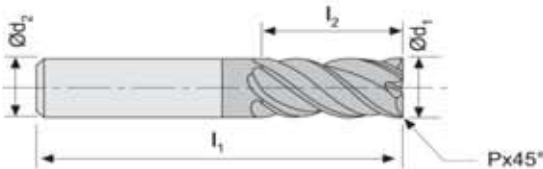


IEC404

Solid Carbide End Mills, ExtraCut

Application Range

NOXON



HRC <55

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

K30F

ATN

Z=4



NOXON TOOLS Std.



HRC <55

Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z	P (inch)
IEC404-0125 ATN	1/8	2"	5/8	1/8	4	0.004x45°
IEC404-0187 ATN	3/16	2"	5/8	3/16	4	0.006x45°
IEC404-0250 ATN	1/4	2.5"	3/4	1/4	4	0.008x45°
IEC404-0312 ATN	5/16	2.5"	13/16	5/16	4	0.008x45°
IEC404-0375 ATN	3/8	2.5"	1	3/8	4	0.010x45°
IEC404-0437 ATN	7/16	2 3/4"	1	7/16	4	0.010x45°
IEC404-0500 ATN	1/2	3"	1	1/2	4	0.015x45°
IEC404-0625 ATN	5/8	3.5"	1 1/4	5/8	4	0.015x45°
IEC404-0750 ATN	3/4	4"	1 1/2	3/4	4	0.020x45°
IEC404-1000 ATN	1	4"	1 1/2	1	4	0.020x45°

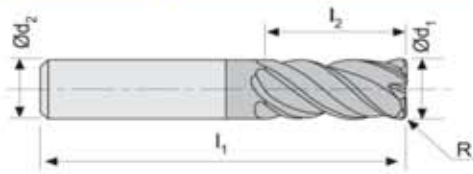


IEC404R

Solid Carbide End Mills, With Corner Radius, ExtraCut

Application Range

NOXON



- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



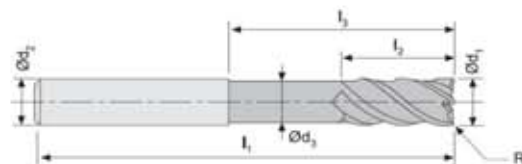
Order Code	d1 h10	r (inch)	l1 (inch)	l2 (inch)	d2 h6	z
IEC404R-015-0125 ATN	1/8	0.015"	2"	5/8	1/8	4
IEC404R-020-0125 ATN	1/8	0.020"	2"	5/8	1/8	4
IEC404R-015-0187 ATN	3/16	0.015"	2"	5/8	3/16	4
IEC404R-020-0187 ATN	3/16	0.020"	2"	5/8	3/16	4
IEC404R-015-0250 ATN	1/4	0.015"	2.5"	3/4	1/4	4
IEC404R-020-0250 ATN	1/4	0.020"	2.5"	3/4	1/4	4
IEC404R-030-0250 ATN	1/4	0.030"	2.5"	3/4	1/4	4
IEC404R-045-0250 ATN	1/4	0.045"	2.5"	3/4	1/4	4
IEC404R-015-0312 ATN	5/16	0.015"	2.5"	13/16	5/16	4
IEC404R-020-0312 ATN	5/16	0.020"	2.5"	13/16	5/16	4
IEC404R-030-0312 ATN	5/16	0.030"	2.5"	13/16	5/16	4
IEC404R-045-0312 ATN	5/16	0.045"	2.5"	13/16	5/16	4
IEC404R-015-0375 ATN	3/8	0.015"	2.5"	1	3/8	4
IEC404R-020-0375 ATN	3/8	0.020"	2.5"	1	3/8	4
IEC404R-030-0375 ATN	3/8	0.030"	2.5"	1	3/8	4
IEC404R-045-0375 ATN	3/8	0.045"	2.5"	1	3/8	4
IEC404R-015-0437 ATN	7/16	0.015"	2 3/4"	1	7/16	4
IEC404R-020-0437 ATN	7/16	0.020"	2 3/4"	1	7/16	4
IEC404R-030-0437 ATN	7/16	0.030"	2 3/4"	1	7/16	4
IEC404R-045-0437 ATN	7/16	0.045"	2 3/4"	1	7/16	4
IEC404R-015-0500 ATN	1/2	0.015"	3"	1	1/2	4
IEC404R-020-0500 ATN	1/2	0.020"	3"	1	1/2	4
IEC404R-030-0500 ATN	1/2	0.030"	3"	1	1/2	4
IEC404R-045-0500 ATN	1/2	0.045"	3"	1	1/2	4
IEC404R-015-0625 ATN	5/8	0.015"	3.5"	1 1/4	5/8	4
IEC404R-020-0625 ATN	5/8	0.020"	3.5"	1 1/4	5/8	4
IEC404R-030-0625 ATN	5/8	0.030"	3.5"	1 1/4	5/8	4
IEC404R-045-0625 ATN	5/8	0.045"	3.5"	1 1/4	5/8	4
IEC404R-015-0750 ATN	3/4	0.015"	4"	1 1/2	3/4	4
IEC404R-020-0750 ATN	3/4	0.020"	4"	1 1/2	3/4	4
IEC404R-030-0750 ATN	3/4	0.030"	4"	1 1/2	3/4	4
IEC404R-045-0750 ATN	3/4	0.045"	4"	1 1/2	3/4	4
IEC404R-015-1000 ATN	1	0.015"	4"	1 1/2	1	4
IEC404R-020-1000 ATN	1	0.020"	4"	1 1/2	1	4
IEC404R-030-1000 ATN	1	0.030"	4"	1 1/2	1	4
IEC404R-045-1000 ATN	1	0.045"	4"	1 1/2	1	4

IECS604R

Solid Carbide End Mills, With Corner Radius, ExtraCut-Shank

Application Range

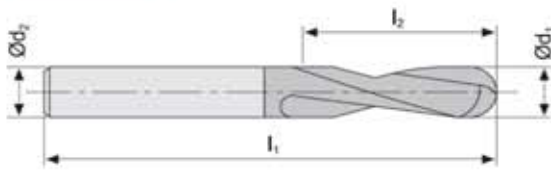
NOXON



- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



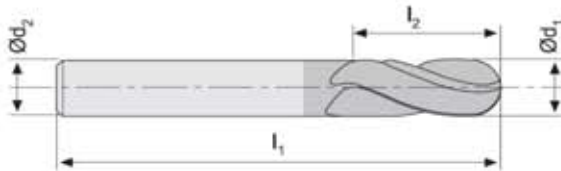
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IECS604R-015-0250 ATN	1/4	0.015"	4"	3/8	1 1/4	1/4	0.24"	4
IECS604R-015-0375 ATN	3/8	0.015"	4"	1/2	2	3/8	0.34"	4
IECS604R-030-0500 ATN	1/2	0.030"	4"	5/8	2 1/4	1/2	0.47"	4
IECS604R-030-0625 ATN	5/8	0.030"	4"	3/4	2 1/4	5/8	0.59"	4
IECS604R-030-0750 ATN	3/4	0.030"	4 1/2"	1	2 1/4	3/4	0.70"	4
IECS604R-030-1000 ATN	1	0.030"	5 1/2"	1 1/8	3 1/4	1	0.94"	4

IFK202**Solid Carbide Ball Nose End Mills, Short****Application Range****NOXON**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFK202-0125 ATN	1/8	1,5"	1/2	1/8	2
IFK202-0187 ATN	3/16	2"	5/8	3/16	2
IFK202-0250 ATN	1/4	2,5"	3/4	1/4	2
IFK202-0312 ATN	5/16	2,5"	13/16	5/16	2
IFK202-0375 ATN	3/8	2,5"	1	3/8	2
IFK202-0437 ATN	7/16	2 3/4"	1	7/16	2
IFK202-0500 ATN	1/2	3"	1	1/2	2
IFK202-0625 ATN	5/8	3,5"	1 1/4	5/8	2
IFK202-0750 ATN	3/4	4"	1 1/2	3/4	2
IFK202-1000 ATN	1	4"	1 1/2	1	2

**IFK204****Solid Carbide Ball Nose End Mills, Short****Application Range****NOXON**

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite



Order Code	d1	l1	l2	d2	z
IFK204-0125 ATN	1/8	1,5"	1/2	1/8	4
IFK204-0187 ATN	3/16	2"	5/8	3/16	4
IFK204-0250 ATN	1/4	2,5"	3/4	1/4	4
IFK204-0312 ATN	5/16	2,5"	13/16	5/16	4
IFK204-0375 ATN	3/8	2,5"	1	3/8	4
IFK204-0437 ATN	7/16	2 3/4"	1	7/16	4
IFK204-0500 ATN	1/2	3"	1	1/2	4
IFK204-0625 ATN	5/8	3,5"	1 1/4	5/8	4
IFK204-0750 ATN	3/4	4"	1 1/2	3/4	4
IFK204-1000 ATN	1	4"	1 1/2	1	4



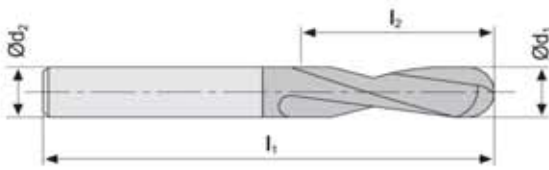
FK404

Solid Carbide Ball Nose End Mills, Long

Application Range

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

NOXON



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFK402-0125 ATN	1/8	3"	3/4	1/8	2
IFK402-0187 ATN	3/16	3"	3/4	3/16	2
IFK402-0250 ATN	1/4	3"	1 1/8	1/4	2
IFK402-0312 ATN	5/16	3"	1 1/8	5/16	2
IFK402-0375 ATN	3/8	3"	1 1/8	3/8	2
IFK402-0437 ATN	7/16	4"	2	7/16	2
IFK402-0500 ATN	1/2	4"	2	1/2	2
IFK402-0625 ATN	5/8	5"	2 1/4	5/8	2
IFK402-0750 ATN	3/4	5"	2 1/4	3/4	2
IFK402-1000 ATN	1	6"	3	1	2

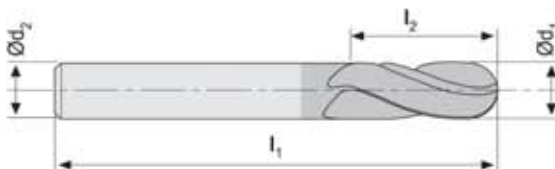
FK404

Solid Carbide Ball Nose End Mills, Long

Application Range

- Unalloyed Steels
- Machining Steels
- Low Alloy Steels
- Stainless Steels
- Heat Resistant Materials
- Titanium and Titanium Alloys
- Cast Iron
- Hardened Materials
- Aluminium Alloys
- Copper and Copper Alloys
- Plastics
- Graphite

NOXON



Order Code	d1 h10	l1 (inch)	l2 (inch)	d2 h6	z
IFK404-0125 ATN	1/8	3"	3/4	1/8	4
IFK404-0187 ATN	3/16	3"	3/4	3/16	4
IFK404-0250 ATN	1/4	3"	1 1/8	1/4	4
IFK404-0312 ATN	5/16	3"	1 1/8	5/16	4
IFK404-0375 ATN	3/8	3"	1 1/8	3/8	4
IFK404-0437 ATN	7/16	4"	2	7/16	4
IFK404-0500 ATN	1/2	4"	2	1/2	4
IFK404-0625 ATN	5/8	5"	2 1/4	5/8	4
IFK404-0750 ATN	3/4	5"	2 1/4	3/4	4
IFK404-1000 ATN	1	6"	3	1	4



NOXON

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