



**Cut-off wheel selection according to material hardness**

Type description		Rubber bonded									
B		for high-speed steels, heat-treated steels, non-corrosive steels	400-700 HV								
A	50-500 HV	Universal wheel, soft and hard metals, Superalloys									
Type description		Resin bonded									
FS-	E	very hard, ferrous metals	>550 HV								
	D	hard, ferrous metals	400-700 HV								
	C	medium hard, ferrous metals	300-550 HV								
	B	medium soft, ferrous metals	200-450 HV								
	A	soft, ferrous metals (30-300 HV)									
Ti-	A	ductile metals									
NF-	A	non-ferrous metals									
		soft	medium soft	medium hard	hard	very hard					
HV		30	50	80	120	180	250	350	500	700	940
HRC							22	36	49	60	68

ATM type description	
old	new
C	FS-E
D	FS-D
H	FS-C
E, I	FS-B
E, I	FS-A
F	Ti-A
E	NF-A

Item No.	Unit	Description
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**Premium cut-off wheels for wet abrasive cut-off machines**

Item No.	Unit	Ø	Thickness	Arbor Size	Bond	Type
<b>NF-A - for non-ferrous metals (30-300HV)</b>						
95012531	10 Pcs.	250 mm	1.5 mm	32 mm	SiC / Resin	NF-A, Purple
95012538	10 Pcs.	300 mm	2.0 mm	32 mm	SiC / Resin	NF-A, Purple
95012545	10 Pcs.	350 mm	2.5 mm	32 mm	SiC / Resin	NF-A, Purple
95012552	10 Pcs.	400 mm	3.0 mm	32 mm	SiC / Resin	NF-A, Purple
95012566	5 Pcs.	500 mm	4.0 mm	32 mm	SiC / Resin	NF-A, Purple
95012573	5 Pcs.	600 mm	4.5 mm	32 mm	SiC / Resin	NF-A, Purple
<b>Ti-A - for Titanium and alloys, refractory metals</b>						
95012530	10 Pcs.	250 mm	1.5 mm	32 mm	SiC / Resin	Ti-A, Pink
95012537	10 Pcs.	300 mm	2.0 mm	32 mm	SiC / Resin	Ti-A, Pink
95012544	10 Pcs.	350 mm	2.5 mm	32 mm	SiC / Resin	Ti-A, Pink
95012551	10 Pcs.	400 mm	3.0 mm	32 mm	SiC / Resin	Ti-A, Pink
95012565	5 Pcs.	500 mm	4.0 mm	32 mm	SiC / Resin	Ti-A, Pink
95012572	5 Pcs.	600 mm	4.5 mm	32 mm	SiC / Resin	Ti-A, Pink
<b>FS-A - for soft steel (30-300HV), non-ferrous metals, polymer</b>						
95012529	10 Pcs.	250 mm	1.5 mm	32 mm	Al2O3 / Resin	FS-A, Red
95012536	10 Pcs.	300 mm	2.0 mm	32 mm	Al2O3 / Resin	FS-A, Red
95012543	10 Pcs.	350 mm	2.5 mm	32 mm	Al2O3 / Resin	FS-A, Red
95012550	10 Pcs.	400 mm	3.0 mm	32 mm	Al2O3 / Resin	FS-A, Red
95012564	5 Pcs.	500 mm	4.0 mm	32 mm	Al2O3 / Resin	FS-A, Red
95012571	5 Pcs.	600 mm	4.5 mm	32 mm	Al2O3 / Resin	FS-A, Red
<b>FS-B - for medium soft steel (200-450HV)</b>						
95012528	10 Pcs.	250 mm	1.5 mm	32 mm	Al2O3 / Resin	FS-B, Orange
95012535	10 Pcs.	300 mm	2.0 mm	32 mm	Al2O3 / Resin	FS-B, Orange
95012542	10 Pcs.	350 mm	2.5 mm	32 mm	Al2O3 / Resin	FS-B, Orange
95012549	10 Pcs.	400 mm	3.0 mm	32 mm	Al2O3 / Resin	FS-B, Orange
95012563	5 Pcs.	500 mm	4.0 mm	32 mm	Al2O3 / Resin	FS-B, Orange
95012570	5 Pcs.	600 mm	4.5 mm	32 mm	Al2O3 / Resin	FS-B, Orange

