DAYURI

ABRASIVES CATALOGUE · 2026

ENGINEERED IN SINGAPORE

HEAVY INDUSTRIAL ABRASIVES

CUTTING & GRINDING WHEELS

AGX & MTX series · INOX · Steel

7	1.0 mm	15,200 rpm	EN 12413
SIZES · Ø100–355 MM	ULTRA-THIN CUTTING	MAX. RATED SPEED	MPA TESTED · ISO 9001

Cut faster. Grind harder. Last longer.

DAYURI cutting and grinding wheels are made for extreme heavy-duty industrial use. Resin-bonded, fibreglass-reinforced and certified to EN 12413, they deliver fast, clean, safe cuts in stainless steel and carbon steel — matched to the DAYURI AGX angle grinders and MTX cut-off saws.

01
Double Fibreglass Net
Two layers of fibreglass mesh (2.5 on grinding discs) hold the wheel together under heavy side load.

02
Ultra-Thin 1.0 mm
Thin cutting discs remove less material, cut faster and leave clean, burr-free edges.

03
EN 12413 · MPA Tested
Built to the European safety standard for bonded abrasives and tested by MPA Hannover.

04
High-Speed Rated
Rated up to 15,200 rpm on 4″ grinders — about 80 m/s peripheral speed across the range.

05
INOX & Steel
Formulated for stainless steel (INOX) and carbon steel: sheet, tube, profile, rebar and welds.

06
ISO 9001:2015
Made under an ISO 9001:2015 quality system with batch traceability on every flange.

APPLICATIONS

Steel profiles & sheet
AGX Cutting Disc 107 · 125 · 180

Cut-off saws
MTX Cutting Disc 355

Stainless tube & pipe
INOX-rated thin discs

Weld grinding & bevelling
AGX Grinding Disc 100×6 · 180×6

Cutting discs. Thin, fast, clean.

Flat T41 cutting wheels from 107 mm to 355 mm. The 1.0 mm AGX discs cut sheet and thin-wall tube with minimal burr and heat; the 1.6 mm 180 and 3.0 mm MTX 355 take on heavy sections, rebar and solid bar.

ULTRA-THIN CUT

AGX Cutting Disc 107

DASS-CD-4-1 · T41 flat

107 × 1 × 16 mm

Abrasive	**SA60SBF**
Max. speed	**15,200 rpm**
Reinforcement	**2 nets fibreglass**
Fits	**AGX100 · 4″ grinders**

ULTRA-THIN CUT

AGX Cutting Disc 125

DASS-CD-5-1 · T41 flat

125 × 1 × 22.23 mm

Abrasive	**SA60SBF**
Max. speed	**12,200 rpm**
Reinforcement	**2 nets fibreglass**
Fits	**AGX125 · 5″ grinders**

FAST CUT

AGX Cutting Disc 180

DASS-CD-7-1.6 · T41 flat

180 × 1.6 × 22.23 mm

Abrasive	**WA46SBF**
Max. speed	**8,500 rpm**
Reinforcement	**2 nets fibreglass**
Fits	**AGX180 · 7″ grinders**

HEAVY CUT

MTX Cutting Disc 355

DASS-CD-14-3 · T41 flat

355 × 3 × 25.4 mm

Abrasive	**WA30SBF**
Max. speed	**4,400 rpm**
Reinforcement	**2 nets fibreglass**
Fits	**14″ cut-off / chop saws**

Grinding discs. Built to take the load.

Depressed-centre wheels give clearance for flat grinding at a low angle. The 6 mm T27 discs remove welds and bevel edges fast; the 3 mm T42 disc handles heavier cuts and light grinding on 4″ grinders.

CUT & LIGHT GRIND

AGX Grinding Disc 100×3

DASS-CD-4-3 · T42 depressed centre

100 × 3 × 16 mm

Abrasive	**WA30SBF**
Max. speed	**15,200 rpm**
Reinforcement	**2 nets fibreglass**
Fits	**AGX100 · 4″ grinders**

HEAVY GRINDING

AGX Grinding Disc 100×6

DASS-GD-4-6 · T27 depressed centre

100 × 6 × 16 mm

Abrasive	**WA24SBF**
Max. speed	**15,200 rpm**
Reinforcement	**2.5 nets fibreglass**
Fits	**AGX100 · 4″ grinders**

HEAVY GRINDING

AGX Grinding Disc 180×6

DASS-GD-7-6 · T27 depressed centre

180 × 6 × 22.23 mm

Abrasive	**WA24SBF**
Max. speed	**8,500 rpm**
Reinforcement	**2.5 nets fibreglass**
Fits	**AGX180 · 7″ grinders**

READING THE SPECIFICATION · E.G. WA46SBF

WA / SA
ABRASIVE GRAIN
WA white fused alumina · SA monocrystalline fused alumina

24–60
GRIT SIZE
24–30 coarse for grinding & heavy cut · 46–60 fine for thin, clean cuts

S
HARDNESS GRADE
Hard grade for long life in steel and INOX

B
BOND
Resin (bakelite) bond

F
REINFORCEMENT
Fibreglass-net reinforced

DISC PROFILES

T41 · Flat
Cutting · 107 · 125 · 180 · 355

T42 · Depressed centre
Cutting & light grinding · 100×3

T27 · Depressed centre
Grinding · 100×6 · 180×6

Range at a glance.

MODEL	CODE	SIZE (MM)	TYPE	SPEC	MAX RPM	PCS/CTN	CTN G.W.	WT/PC
AGX Cutting Disc 107	DASS-CD-4-1	107×1×16	T41	SA60SBF	15,200	800	22 kg	26 g
AGX Cutting Disc 125	DASS-CD-5-1	125×1×22.23	T41	SA60SBF	12,200	400	14.5 kg	34 g
AGX Cutting Disc 180	DASS-CD-7-1.6	180×1.6×22.23	T41	WA46SBF	8,500	200	20 kg	95 g
MTX Cutting Disc 355	DASS-CD-14-3	355×3×25.4	T41	WA30SBF	4,400	25	17 kg	640 g
AGX Grinding Disc 100×3	DASS-CD-4-3	100×3×16	T42	WA30SBF	15,200	200	12 kg	55 g
AGX Grinding Disc 100×6	DASS-GD-4-6	100×6×16	T27	WA24SBF	15,200	200	22 kg	105 g
AGX Grinding Disc 180×6	DASS-GD-7-6	180×6×22.23	T27	WA24SBF	8,500	50	19 kg	360 g

SAFETY FIRST · ON EVERY LABEL

Check rpm
Never exceed the max. speed printed on the disc.

Fit the guard
Use only with the grinder guard in place.

Wear PPE
Gloves, eye, ear and dust protection.

Read the manual
Follow the tool instructions and EN 12413 guidance.

No side grinding
Cutting discs (T41) are for cutting only.

PACKAGING & BRANDING

Branded DAYURI box · 50 pcs (125 mm shown) · shrink-wrapped stacks

Full-colour DAYURI labels with size, spec, max rpm, EN 12413, MPA & ISO marks and safety icons

Engineered in Singapore. Built for extreme heavy-duty industrial use. **www.dayuritools.com**