

Scandi-Flex[®]

PROFESSIONAL ABRASIVES



WestWard Group



TECHNICAL INFORMATION

LABEL CODES, ORDERING INSTRUCTIONS

(Germany MPA) Safety norm

Trade Mark

Application working material group

Max. Operating Speed (m/s)

Dimensions mm/inch

Max. Permissible R.P.M.

Color bar according to EN

Wheels Type

Specifications according to EN

Color code for application material group

Safety Pictograms

International Certification

WHEEL CONFIGURATION (TYPE AND SHAPE OF WHEELS)

	T41 – Flat/Straight Cut-off Wheels		Observe operating speed
	T42 – Depressed Center Cut-Off Wheels		Wear eye, hearing & respiratory protection
	T27 – Depressed Center Grinding Wheels		Check wheel for damage
	T29 – Corner Type or Semiflex Grinding Wheels		Observe safety recommendations
	T11 – Tapered Cup Wheels		Wear protective gloves
			Not approved for grinding

NOTE: The wheel configuration shown of the left are denoted with connotations (D, T & d) that represents the dimension of the wheel.

D = The diameter of the wheel
 T = The width or thickness of the wheel
 d = The bore of the wheel

MAXIMUM OPERATING SPEED

The maximum operating speed (m/s) is indicated on the product labels by a color bar. The maximum permissible r.p.m. specification applies to the nominal diameter of the tools.

WARNING: NEVER EXCEED THE MAXIMUM SAFE FREE SPEED.

Max. Operating Speed	Colour Bar
50 m/s	Blue
63 m/s	Yellow
80 m/s	Red
100 m/s	Green

STANDARD CODE OF SPECIFICATIONS FOR WHEELS

The following table is an example of the standard code of specifications for identifying Cutting Wheels / Grinding Wheels / Cup Wheels

A	24	R	B	F
Primary Grain	Grain Size	Bond Hardness	Bond Type	Reinforcement
A = Aluminium Oxide C = Silicon Carbide AC = Aluminium Oxide/ Silicon Carbide combination Z = Zirconia Aluminium Oxide / Aluminium Oxide combination	Coarse/ Medium/ Fine/ Very Fine 16 / 24 / 30 / 36 / 60-400	Soft-Medium-Hard M N O P Q R S T	B = Resinoid	Fiber Glass Nets F1 = 1 layer net F2 = 2 layers net F2.5 = 2 and half layers net

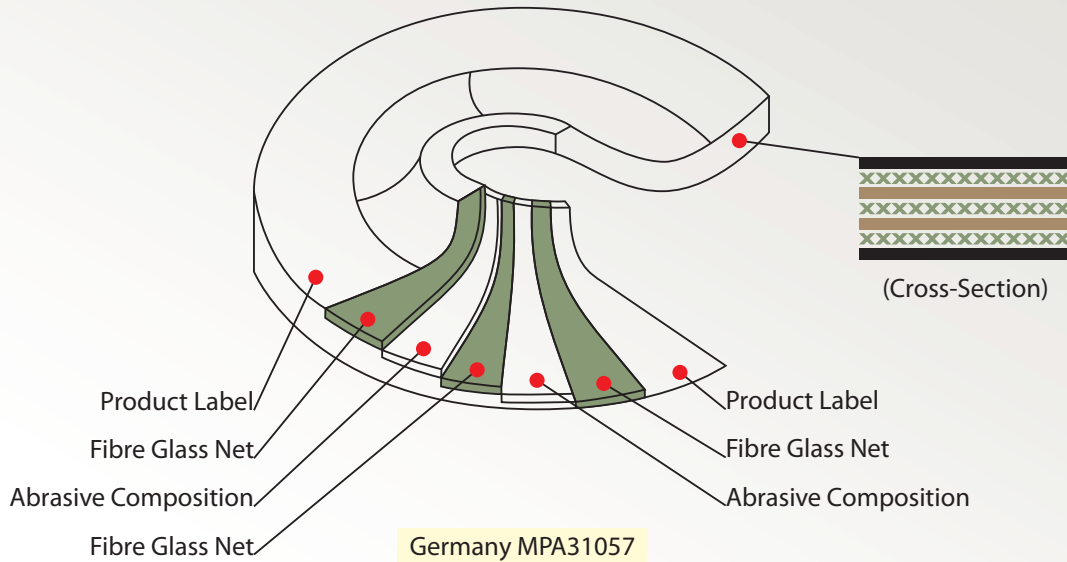
GRINDING WHEELS

T27 – DEPRESSED CENTER GRINDING WHEELS (4" - 9")

Scandi-Flex reinforced grinding wheels offer high stock removal and no clogging of the wheel. It has been designed and formulated to provide cost reduction through its high lifetime. Suitable for most portable machines.

T27 – FIBRE GLASS REINFORCED GRINDING WHEELS

Tripple Net Reinforced (Layer-Section)



CUT-OFF WHEELS

T41 – STRAIGHT CUT-OFF WHEEL (4" - 16")

T42 – DEPRESSED CENTER CUT-OFF WHEEL (4" - 9")

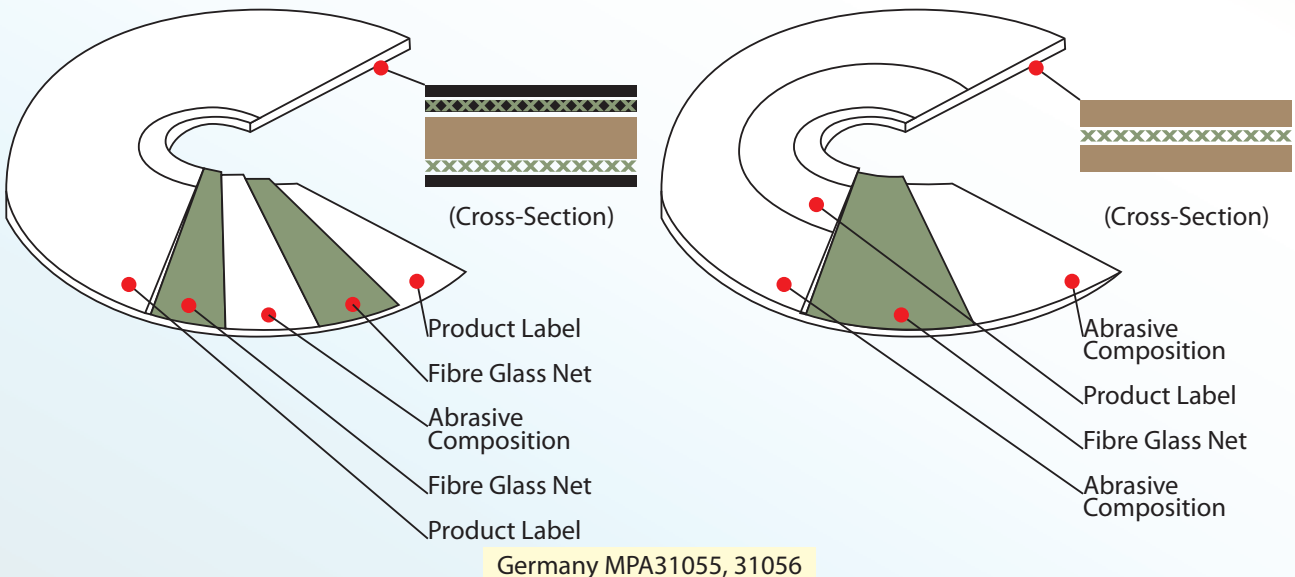
Scandi-Flex reinforced cut-off wheels offers premium performance in a variety of cut-off applications covering most portable and stationery machines. They are engineered to cut materials to prescribed and accurate dimensions. These wheels have been carefully formulated to provide higher durability and faster cut-off time.

T41 – FIBER GLASS REINFORCED CUT-OFF WHEELS

Double Net reinforced (Layer-Section)

T42 – FIBRE GLASS REINFORCED CUT-OFF WHEELS

Single Net Reinforced (Layer-Section)



DIMENSION		MAX OPERATING SPEED	STANDARD PACKAGING	
(DxT) (mm)	Bore	R.P.M.	pcs per min. box	pcs per big box
Cutting wheels				
115 x 1.0	22.2 (7/8")	13 300	50	500
115 x 1.2	22.2 (7/8")	13 300	50	500
115 x 1.6	22.2 (7/8")	13 300	50	500
125 x 1.0	22.2 (7/8")	12 200	50	500
125 x 1,2	22.2 (7/8")	12 200	50	500
125 x 1.6	22.2 (7/8")	12 200	50	500
125 x 2.0	22.2 (7/8")	12 200	25	250
125 x 2.5	22.2 (7/8")	12 200	25	250
150 x 1.6	22.2 (7/8")	10 200	25	250
150 x 2.0	22.2 (7/8")	10 200	25	250
180 x 2.0	22.2 (7/8")	8 500	25	250
180 x 2.5	22.2 (7/8")	8 500	25	250
180 x 3.0	22.2 (7/8")	8 500	25	250
180 x 3.5	22.2 (7/8")	8 500	25	250
230 x 2.0	22.2 (7/8")	6 600	25	250
230 x 2.5	22.2 (7/8")	6 600	25	250
Grinding wheels				
125 x 6,0	22.2 (7/8")	12 200	10	100
230 x 6.0	22.2 (7/8")	6 600	10	100
Flap wheels				
125 x 22 / grit 40		12 200	5	200
125 x 22 / grit 60		12 200	5	200

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