

# Technical Data Sheet

## 1. Product Division

Cutting and Grinding Discs

### 1.1 Product Ranges

No Name – Good entry level quality for light operations on Metal cutting applications.

Dexter – Technical range, specifically designed to last and cut or grind fast. This range will bring solutions to work on Steel, Stainless Steel, Steel & Stainless Steel, Multi-Material, Aluminium or Stone.

**All products comply with EN12413 as well as oSa regulation. Validity date is available on the ring (Vxx / 20xx – Month / Year)**


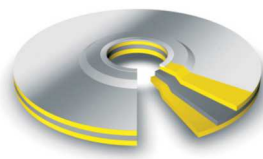
### 1.2 Product Range

Code SAP	Product Designation	EAN Code	USAGE	MATERIAL TO WORK	Shape	MOS (Maximum Operating Speed)
66252845515	DEXTER BONDED DISC FOR ALUMINIUM D115x1,6x22,2 pcs1	3276000590521	CUTTING	ALUMINIUM	T41 - Flat	80 rpm - 13300 m/s
66252845514	DEXTER BONDED DISC FOR ALUMINIUM D125x1,6x22,2 pcs1	3276000590538	CUTTING	ALUMINIUM	T41 - Flat	80 rpm - 12250 m/s
66252845516	DEXTER BONDED DISC FOR ALUMINIUM D230x1,9x22,2 pcs1	3276000590545	CUTTING	ALUMINIUM	T41 - Flat	80 rpm - 6650 m/s
66252845525	NO NAME BONDED DISC FOR METAL D115x1x22,2 pcs1	3276000590132	CUTTING	METAL	T41 - Flat	80 rpm - 13300 m/s
66252845526	NO NAME BONDED DISC FOR METAL D125x1x22,2 pcs1	3276000590149	CUTTING	METAL	T41 - Flat	80 rpm - 12250 m/s
66252845527	NO NAME BONDED DISC FOR METAL D230x1,9x22,2 pcs1	3276000590156	CUTTING	METAL	T41 - Flat	80 rpm - 6650 m/s
66252845552	NO NAME BONDED DISC FOR METAL D115x1x22,2 pcs10	3276000590163	CUTTING	METAL	T41 - Flat	80 rpm - 13300 m/s
66252845550	NO NAME BONDED DISC FOR METAL D125x1x22,2 pcs10	3276000590576	CUTTING	METAL	T41 - Flat	80 rpm - 12250 m/s
66252845551	NO NAME BONDED DISC FOR METAL D230x1,9x22,2 pcs5	3276000590583	CUTTING	METAL	T41 - Flat	80 rpm - 6650 m/s
66252845518	DEXTER BONDED DISC FOR METAL D180x3x22,2 pcs1	3276000590217	CUTTING	METAL	T41 - Flat	80 rpm - 8500 m/s
66252845522	DEXTER BONDED DISC FOR METAL D180x3x22,2 pcs1	3276000590224	CUTTING	METAL	T42 - Depressed Center	80 rpm - 8500 m/s
66252845535	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x1x22,2 pcs1	3276000590613	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 13300 m/s
66252845532	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x1x22,2 pcs1	3276000590637	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 12250 m/s
66252845560	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x1x22,2 pcs10	3276000590422	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 13300 m/s
66252845562	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x1x22,2 pcs10	3276000590453	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 12250 m/s
66252845539	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x1,6x22,2 pcs1	3276000590620	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 13300 m/s
66252845537	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x1,6x22,2 pcs1	3276000590644	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 12250 m/s
66252845536	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D230x1,9x22,2 pcs1	3276000590651	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 6650 m/s
66252845564	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x1,6x22,2 pcs5	3276000590446	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 13300 m/s
66252845549	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x1,6x22,2 pcs5	3276000590415	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 12250 m/s
66252845521	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x3x22,2 pcs1	3276000590552	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 13300 m/s
66252845520	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x3x22,2 pcs1	3276000590569	CUTTING	METAL/ STAINLESS STEEL	T41 - Flat	80 rpm - 12250 m/s
66252845531	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x3x22,2 pcs1	3276000590590	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 13300 m/s
66252845533	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x3x22,2 pcs1	3276000590606	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 12250 m/s
66252845540	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D230x3x22,2 pcs1	3276000590668	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 6650 m/s
66252845561	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x3x22,2 pcs5	3276000590507	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 13300 m/s
66252845563	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x3x22,2 pcs5	3276000590514	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 12250 m/s
66252845555	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D230x3x22,2 pcs5	3276000590491	CUTTING	METAL/ STAINLESS STEEL	T42 - Depressed Center	80 rpm - 6650 m/s
66252845519	DEXTER BONDED DISC FOR STAINLESS STEEL D150x2,5x22,2 pcs1	3276000590170	CUTTING	STAINLESS STEEL	T41 - Flat	80 rpm - 10200 m/s
66252845523	DEXTER BONDED DISC FOR STAINLESS STEEL D150x3,2x22,2 pcs1	3276000590187	CUTTING	STAINLESS STEEL	T42 - Depressed Center	80 rpm - 10200 m/s
66252845524	DEXTER BONDED DISC FOR STAINLESS STEEL D180x3x22,2 pcs1	3276000590194	CUTTING	STAINLESS STEEL	T41 - Flat	80 rpm - 8500 m/s
66252845541	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D115x6x22,2 pcs1	3276000590682	GRINDING	METAL/ STAINLESS STEEL	T27 - Depressed Center	80 rpm - 13300 m/s
66252845534	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D125x6x22,2 pcs1	3276000590675	GRINDING	METAL/ STAINLESS STEEL	T27 - Depressed Center	80 rpm - 12250 m/s
66252845542	DEXTER BONDED DISC FOR METAL/ STAINLESS STEEL D230x6x22,2 pcs1	3276000590699	GRINDING	METAL/ STAINLESS STEEL	T27 - Depressed Center	80 rpm - 6650 m/s
66252845528	DEXTER BONDED DISC FOR MULTIMATERIAL D115x1x22,2 pcs1	3276000590729	CUTTING	MULTIMATERIAL	T41 - Flat	80 rpm - 13300 m/s
66252845529	DEXTER BONDED DISC FOR MULTIMATERIAL D125x1x22,2 pcs1	3276000590736	CUTTING	MULTIMATERIAL	T41 - Flat	80 rpm - 12250 m/s
66252845538	DEXTER BONDED DISC FOR MULTIMATERIAL D230x1,9x22,2 pcs1	3276000590743	CUTTING	MULTIMATERIAL	T42 - Depressed Center	80 rpm - 6650 m/s
66252845558	DEXTER BONDED DISC FOR MULTIMATERIAL D115x1x22,2 pcs10	3276000590705	CUTTING	MULTIMATERIAL	T41 - Flat	80 rpm - 13300 m/s
66252845559	DEXTER BONDED DISC FOR MULTIMATERIAL D125x1x22,2 pcs10	3276000590712	CUTTING	MULTIMATERIAL	T41 - Flat	80 rpm - 12250 m/s
66252845557	DEXTER BONDED DISC FOR MULTIMATERIAL D230x1,9x22,2 pcs5	3276000590439	CUTTING	MULTIMATERIAL	T42 - Depressed Center	80 rpm - 6650 m/s

Code SAP	Product Designation	EAN Code	USAGE	MATERIAL TO WORK	Shape	MOS (Maximum Operating Speed)
66252845544	DEXTER BONDED DISC FOR STONE D115x3x22,2 pcs1	3276000590750	CUTTING	STONE	T42 - Depressed Center	80 rpm - 13300 m/s
66252845543	DEXTER BONDED DISC FOR STONE D125x3x22,2 pcs1	3276000590767	CUTTING	STONE	T42 - Depressed Center	80 rpm - 12250 m/s
66252845517	DEXTER BONDED DISC FOR STONE D180x3x22,2 pcs1	3276000590200	CUTTING	STONE	T42 - Depressed Center	80 rpm - 8500 m/s
66252845545	DEXTER BONDED DISC FOR STONE D230x3x22,2 pcs1	3276000590378	CUTTING	STONE	T42 - Depressed Center	80 rpm - 6650 m/s
66252845565	DEXTER BONDED DISC FOR STONE D115x3x22,2 pcs5	3276000590460	CUTTING	STONE	T42 - Depressed Center	80 rpm - 13300 m/s
66252845566	DEXTER BONDED DISC FOR STONE D125x3x22,2 pcs5	3276000590477	CUTTING	STONE	T42 - Depressed Center	80 rpm - 12250 m/s
66252845567	DEXTER BONDED DISC FOR STONE D230x3x22,2 pcs5	3276000590484	CUTTING	STONE	T42 - Depressed Center	80 rpm - 6650 m/s
66252845547	DEXTER BONDED DISC FOR STONE D115x6x22,2 pcs1	3276000590385	GRINDING	STONE	T27 - Depressed Center	80 rpm - 13300 m/s
66252845546	DEXTER BONDED DISC FOR STONE D125x6x22,2 pcs1	3276000590392	GRINDING	STONE	T27 - Depressed Center	80 rpm - 12250 m/s
66252845548	DEXTER BONDED DISC FOR STONE D230x6x22,2 pcs1	3276000590408	GRINDING	STONE	T27 - Depressed Center	80 rpm - 6650 m/s

## 2. Technical Information

### 2.1 Product Details

<b>Abrasive</b>	Oxyde d'aluminium or Silicon Carbide	
<b>Bond</b>	<b>Bakelite</b>	
<b>End Use</b>	<b>Steel, Stainless Steel, Stone, Aluminium, Multi-Material</b>	
<b>Shape</b>	<b>41 – Flat Discs</b>	
<b>Construction</b>		<b>Yellow</b> : Reinforcing glass Fiber <b>Grey</b> : Abrasive mix
<b>Code forme</b>	<b>27 &amp; 42 – Depressed center discs/wheels</b>	
<b>Construction</b>		<b>Yellow</b> : Reinforcing glass Fiber <b>Grey</b> : Abrasive mix
<b>Maximum operating speed</b>	<b>80 m/s</b> 115mm = 13300RPM 125mm = 12250RPM 150mm = 10200RPM 180mm= 8500RPM 230mm = 6650RPM	
<b>Production Standard</b>	<ul style="list-style-type: none"> <li>EN 12413 : « Norme de sécurité pour l'usage de Meules Agglomérées »</li> <li>oSa : Organisme de Sécurité de Abrasifs</li> </ul>	
<b>Machine</b>	Angle Grinder	
<b>Validity Date</b>	3 years after manufacturing date	

## 2.3 Technical information - Machine

**NF EN 60745-2-3 regulation** enforce for the use of portable angle grinder the following rules :

- Machines using tools with a diameter above 100mm must provide two handles. One of the handle can be the body of the machine if its shape is suitable.
- For cut off discs shape 41 and 42 (flat and depress center), the safety guard must cover at least 175° of the periphery of the bonded disc as well as both sides (Figure 101). Safety guard must be designed to able an easy change of disc.

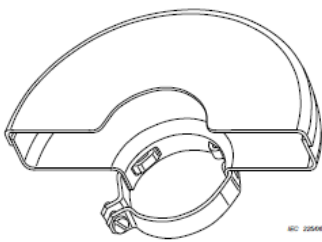
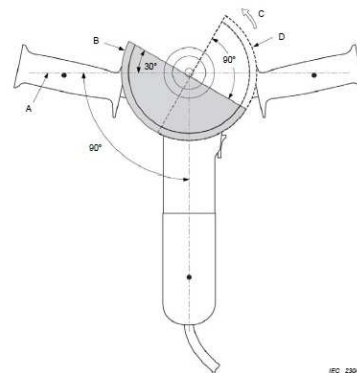


Figure 101 – Conceptions de protecteurs typiques a) et b) pour meules de types 1, 41 et 42



**Légende**

- A Position neutre de protecteur
- B Position initiale de protecteur (protecteur tourné à 30° par rapport à la position neutre contre le sens de rotation de la meule)
- C Sens de rotation de la meule
- D Position du protecteur maximale admissible après l'essai (0° par rapport à la position initiale dans le sens de rotation de la meule)

Figure 106a – Essai de résistance du protecteur: position du protecteur pour meules de types 1, 27, 28, 29, 41 et 42

## 3. Labels – Storage recommendations

### 3.1 Product labeling

Blotters



Pictogrammes sécurité



Use Gloves



Wear safety glasses



Wear ear plugs



Wear dust protections



Do Not Grind




Do not use damaged discs



Do not use with water



Check FEPA notice on website

Date de validité	V = Date de validité : Trimestre de production + 3 ans			
	V01	V04	V07	V10
	1 <sup>st</sup> trimestre	2 <sup>nd</sup> trimestre	3 <sup>rd</sup> trimestre	4 <sup>th</sup> trimestre
	Exemple : V01/2021 indique une production pendant le premier trimestre 2018 et une recommandation d'utilisation avant le second trimestre 2021.			

### 3.2 Packaging and storage

Packaging	Neutral box
Box label	Neutral box label
Handling and Storage	Abrasive products must be stored in such a way to avoid mechanical or chemical deterioration. Storage must be done in a dry area, without excessive temperature variation nor exposure to frost.

Technical information of this document describe actual conditions and are submitted to eventual modifications.