

Conveyor Roller Shafts / Mini-Rollers for Conveyors

Conveyor Roller Shafts

Type	Material	Surface Treatment
HRD	S45C Equivalent	-
HRDB		Black Oxide
HRDM		Electroless Nickel Plating
HRDS	SUS304	-

⚠️ Applicable to Conveyor Rollers and Mini-Rollers on P.1163.
⚠️ Hairpin cotter pins are not included.

Shape A: $L^{+0.5}_0$, 2-C0.5, $D_{-0.1}$
Shape D: $L^{+0.5}_0$, 2-C0.5, $D_{-0.1}$, W
Shape E (D12 only): $L^{+0.5}_0$, 2-C0.5, $D_{-0.1}$, W
Shape G: $L^{+0.5}_0$, 2-C0.5, $D_{-0.1}$, Q

RoHS10

Part Number		L		W		Q	d	l
Type	Shape	1mm Increment		Selection				
HRD	A	60-550		4	4.5	4	2.5	11
HRDB	D			5.8	6	6	2.5	12
HRDM	E			10		8	3	13
HRDS								

Ordering Example

Part Number	L	W
Type Shape D	-	-
HRD D 6	- 135	- 4.5

ex Example Combination of these app. examples can be selected on our website. Details of Selection Procedure **P.87**

e-Catalog Search Keyword #MA692

* Enter the search keyword in the search box on e-Catalog. The search result will be shown in "Modular Assembler" area.

Unit Price = Body Price + Shape Charge

Part Number	Type	D	Body Price			Config. Price (Body Price +)			
			60-200	201-400	401-550	A	D	E	G
HRD	6								
	8								
	12								
HRDB	6								
	8								
	12								
HRDM	6								
	8								
	12								
HRDS	6								
	8								
	12								

Mini-Rollers for Conveyors

Type	Material	Surface Treatment	Bearing
CNMR	Steel	Trivalent Chromate Plating	Machined Bearing
CNMRC		Hard Chrome Plating	
CNMRS	Stainless Steel	-	

B=15, 25: $d_{1+0.5}$, $d_{+0.2}$, $d_{-0.1}$
B=50, 100: $d_{1+0.5}$, $d_{+0.2}$, $d_{-0.1}$

Part Number		B	d	d1	W	Allowable Load (N)	Unit Price		
Type	D						CNMR	CNMRC	CNMRS
CNMR CNMRC CNMRS	20	15	6.1	10	17	294			
		25	6.1		27	392			
		50	6.2		52	490	-	-	-
		100	6.2		102	490	-	-	-

Ordering Example

Part Number	B
Type	-
CNMRC20	- 50

kgf=Nx0.101972
 ⚠️ Use in combination with Conveyor Roller Shafts.