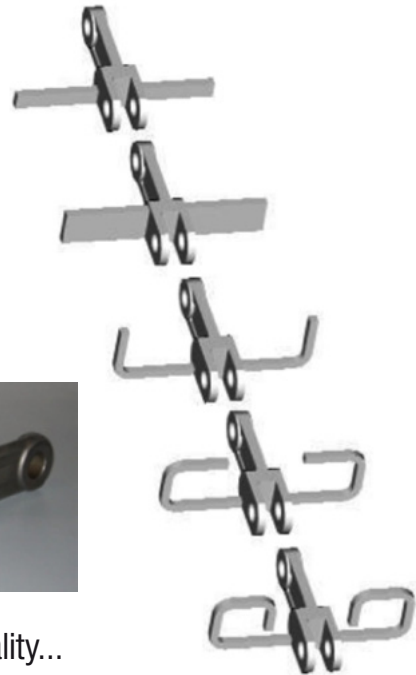


# Drop Forged Conveyor Chain Replacement

## For En Masse Chain Conveyors

Integrated Bulk Systems (IBS) can provide drop forged chain and conveyor links manufactured using highest quality imported European chain links with in-house state of the art robotic welding of flights.

Typical IBS Chain Flight Attachments ▶



Typical Chain Link ▼



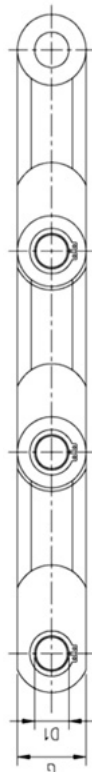
### Chain link material quality...

- ▶ IBS only use the highest and most respected drop forged precision chain link supplied by our partners Sircatene, in Europe. Our quality assurance production programme with certified specification and material laboratory reports on all our chain, guarantee's the quality and performance meets all expectations including high wear resistance and increased chain life.

The links are drop forged, machined and then case hardened including the female end which engages with the sprocket. This ensures the link chain can withstand velocities as high as 1 m/s.

Utilising a range of materials to suit the application typical standards being C43, 20MnCr 5 and 18 NCD 6, links can also be provided in wear resistant bushes, stainless steel links and pins to suit the temperature, corrosion & acid resistant materials, and operating temperature and conveyor loading factors.

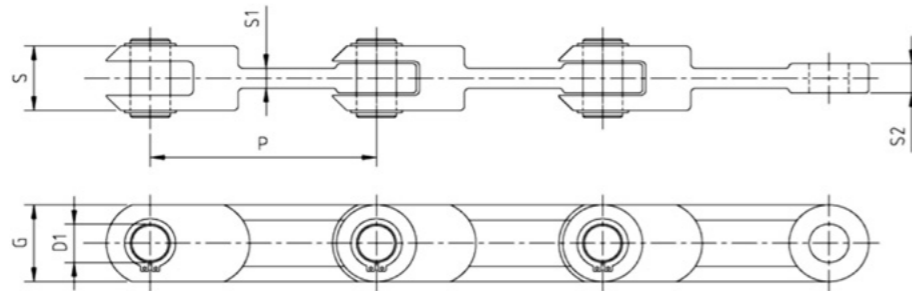
With our extensive experience of design and manufacturing of chain conveyors we can provide and select the right chain and flighting for your application.



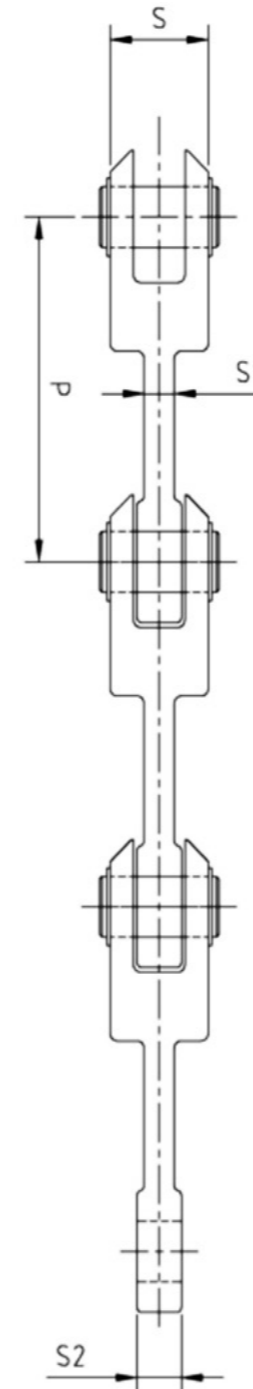
## Drop Forged Conveyor Chain Replacement

### Typical Interchangeability

IBS	R 100102	R 100104	R 100105
Go4B	102	142NA	142NA
Buhler	102	142Z	142V
Codema	102	142STD	142STD
Gefa	102	142Z	142Z
Koch	102	142N	142N
Redler	3004	3002	3002



Link#	Mark	P mm	S mm	S1 mm	S2 mm	G mm	D1 mm	Breaking Load kN
R100101	101,6 L	101.6	24	6	8	36	14	100
R100102	101,6 M	101.6	30	8	12	36	14	150
R100103	142 L	142.0	24	6	8	50	20	130
R100104	142 M	142.0	42	13	19	50	25	270
R100105	142 H	142.0	62	16	28	50	25	420
R100106	150 L	150.0	24	6	8	50	20	130
R100107	150 M	150.0	42	13	15	47	25	270
R100108	160 M	160.0	50	12	23	50	25	340
R100109	200 M	200.0	66	18	33	60	28	550
R100111	260 M	260.0	70	20	31	75	34	750



# IBS

### Break Fix Support Services... to keep your business moving.

Break fix support services are provided through our in-house manufacture and stock replacement

IBS manufacture and stock a complete range of drop-forged links and keep in stock a range of standard flights. Our specially designed and built robotic welder ensures precise and constant quality control for all our welded flight chain assemblies.

All our flighted chain assemblies are weld tested to pass 15kN ensuring total quality control of welding and chain assemblies.



Robotic Welder

### Chain Wheels - Idler Wheels - Tail Wheels

IBS standard toothed chain wheel profiles are induction hardened and flame hardened for wear resistance. The chain wheels are normally provided with removable toothed segments for ease of replacement without dismantling conveyor chain. The wheel hub is manufactured, bored and keyed to suit the conveyor drive shaft.

Typical number of teeth for chain sprocket are; 8,9,10,11,12 to suit selected chain link pitch.

Idler wheels are also provided and manufactured to suit the application including induction or flame hardening.

## Drop Forged Conveyor Chain Replacement

### Auxiliary equipment for chain conveyors

IBS can provide a full range of manganese wear rail complete with chain groove.

Typical sizes 40 x 8, 40 x 10, 60 x 10, 60 x 16

Chain Pins and Circlips



- Segmented Teeth  
- Flame Hardened



Typical Drive Sprocket



Flame  
Hardened

Idler Wheel & Tail Wheels

### Design & manufacture for complete systems

IBS provides an integrated approach for a wide range of materials handling requirements. We design, manufacture and install complete systems including en masse chain conveyor systems, which are rugged in construction & that meet all regulatory Australian Standards for OH&S, dust control & hazardous areas.

### Do you need replacement conveyor chains?

Call us with your requirements or complete the questionnaire on our webpage; [www.integratedbulksystems.com.au/questionnaire](http://www.integratedbulksystems.com.au/questionnaire) and one of our highly experienced sales engineers will assist you with your requirements.

– Ask us for our chain conveyor catalogue or download PDF from our website.



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